

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026922.D
 Acq On : 26 Aug 2023 03:04
 Operator : SY/MD
 Sample : 04175-10
 Misc : 5.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYK4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026922.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.168	40	46	49	rBV	34947	50862	2.16%	0.100%
2	2.344	67	75	83	rVB	68121	129479	5.51%	0.255%
3	3.015	178	185	195	rBV	71164	166571	7.09%	0.328%
4	3.375	237	244	256	rVB2	59430	151143	6.43%	0.298%
5	4.009	339	348	359	rBV	44026	115523	4.92%	0.228%
6	4.368	399	407	417	rVB	40979	110982	4.72%	0.219%
7	4.948	483	502	530	rBV5	53679	312838	13.31%	0.616%
8	5.435	569	582	592	rBV2	58475	199130	8.47%	0.392%
9	5.935	655	664	675	rBV3	43227	129601	5.51%	0.255%
10	6.978	827	835	844	rBV2	31863	89062	3.79%	0.175%
11	7.648	931	945	963	rBV	77975	240551	10.24%	0.474%
12	7.929	983	991	1001	rVV5	58626	229471	9.76%	0.452%
13	8.032	1001	1008	1019	rVB4	40390	114664	4.88%	0.226%
14	8.154	1019	1028	1035	rBV2	104080	235532	10.02%	0.464%
15	8.276	1040	1048	1064	rVB2	132876	432688	18.41%	0.852%
16	8.429	1065	1073	1080	rBV5	27957	69475	2.96%	0.137%
17	8.575	1091	1097	1106	rVB2	33899	88051	3.75%	0.173%
18	8.691	1106	1116	1125	rBV2	67488	141595	6.02%	0.279%
19	8.837	1128	1140	1152	rBV	142200	326751	13.90%	0.644%
20	9.276	1202	1212	1216	rBV2	109741	259180	11.03%	0.511%
21	9.331	1216	1221	1227	rVV	188153	380462	16.19%	0.750%
22	9.514	1244	1251	1257	rBV3	30543	57699	2.46%	0.114%
23	9.605	1257	1266	1272	rVB4	34286	76345	3.25%	0.150%
24	9.745	1284	1289	1295	rVB2	57436	104673	4.45%	0.206%
25	9.953	1318	1323	1327	rBV2	89566	165222	7.03%	0.326%
26	10.093	1339	1346	1357	rVB3	113949	300599	12.79%	0.592%
27	10.318	1376	1383	1394	rBV	285550	632890	26.93%	1.247%
28	10.501	1406	1413	1420	rVB3	136255	289590	12.32%	0.571%
29	10.660	1435	1439	1448	rVB	117917	220965	9.40%	0.435%
30	10.757	1448	1455	1460	rBV4	59384	127933	5.44%	0.252%
31	10.843	1465	1469	1474	rVB	35191	55778	2.37%	0.110%
32	10.928	1474	1483	1490	rBV2	126894	253673	10.79%	0.500%
33	11.032	1490	1500	1508	rBV2	62002	160113	6.81%	0.315%
34	11.105	1508	1512	1515	rBV2	47319	80688	3.43%	0.159%
35	11.178	1515	1524	1528	rVV	192027	389481	16.57%	0.767%
36	11.227	1528	1532	1537	rVV	230559	406630	17.30%	0.801%

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Title : SFAM01.0

37	11.282	1537	1541	1545	rVV3	47835	86980	3.70%	0.171%
38	11.337	1545	1550	1554	rVV2	104743	190517	8.11%	0.375%
39	11.404	1554	1561	1573	rVB3	205423	664153	28.26%	1.309%
40	11.507	1573	1578	1583	rBV	228843	373367	15.89%	0.736%
41	11.654	1593	1602	1608	rBV2	234604	612566	26.06%	1.207%
42	11.727	1608	1614	1618	rBV	286287	479088	20.39%	0.944%
43	11.806	1623	1627	1630	rBV4	70535	139405	5.93%	0.275%
44	11.873	1634	1638	1641	rVB	131985	190887	8.12%	0.376%
45	11.971	1650	1654	1657	rBV2	39244	71835	3.06%	0.142%
46	12.056	1662	1668	1673	rVB3	73017	164267	6.99%	0.324%
47	12.135	1673	1681	1687	rBV3	320568	719128	30.60%	1.417%
48	12.251	1692	1700	1704	rVB	341904	624326	26.57%	1.230%
49	12.361	1704	1718	1725	rBV4	630830	2105437	89.59%	4.148%
50	12.464	1729	1735	1738	rBV4	233849	471964	20.08%	0.930%
51	12.501	1738	1741	1744	rVV4	208592	392639	16.71%	0.774%
52	12.538	1744	1747	1755	rVB	469185	909269	38.69%	1.791%
53	12.617	1755	1760	1762	rBV4	113196	185187	7.88%	0.365%
54	12.647	1762	1765	1768	rVB	205880	236481	10.06%	0.466%
55	12.696	1768	1773	1782	rBV7	145751	363105	15.45%	0.715%
56	12.775	1782	1786	1793	rVB3	347585	668089	28.43%	1.316%
57	12.873	1793	1802	1806	rBV2	803000	1571792	66.88%	3.097%
58	12.934	1806	1812	1818	rBV4	432801	992409	42.23%	1.955%
59	12.989	1818	1821	1825	rVB2	255724	363668	15.47%	0.717%
60	13.038	1825	1829	1831	rBV5	57027	79413	3.38%	0.156%
61	13.074	1831	1835	1839	rBV2	268196	401106	17.07%	0.790%
62	13.123	1839	1843	1845	rBV3	235636	346309	14.74%	0.682%
63	13.159	1845	1849	1857	rVB	1052611	1473914	62.72%	2.904%
64	13.245	1859	1863	1867	rVB	379487	534959	22.76%	1.054%
65	13.287	1867	1870	1874	rVB	214370	269965	11.49%	0.532%
66	13.342	1875	1879	1882	rBV2	250304	393105	16.73%	0.775%
67	13.440	1888	1895	1899	rBV5	880414	1823444	77.59%	3.593%
68	13.483	1899	1902	1905	rVV	647691	924872	39.35%	1.822%
69	13.513	1905	1907	1910	rVV	428301	527359	22.44%	1.039%
70	13.550	1910	1913	1915	rVV3	249275	318118	13.54%	0.627%
71	13.586	1915	1919	1922	rVV	281818	389865	16.59%	0.768%
72	13.623	1922	1925	1931	rVB2	300289	424842	18.08%	0.837%
73	13.696	1932	1937	1941	rBV4	199357	382169	16.26%	0.753%
74	13.818	1950	1957	1959	rBV5	117810	273834	11.65%	0.540%
75	13.873	1960	1966	1970	rVV3	1130481	2250168	95.74%	4.433%
76	13.915	1970	1973	1976	rVV2	548656	953497	40.57%	1.879%

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 Title : SFAM01.0

77	13.976	1980	1983	1985	rVV3	458604	734469	31.25%	1.447%
78	14.025	1986	1991	1998	rVV6	692270	2338216	99.49%	4.607%
79	14.086	1999	2001	2005	rVV	545371	908690	38.66%	1.790%
80	14.129	2005	2008	2013	rVV2	411883	622231	26.48%	1.226%
81	14.196	2014	2019	2024	rVV3	537270	977676	41.60%	1.926%
82	14.257	2024	2029	2035	rVV6	352504	742112	31.58%	1.462%
83	14.342	2035	2043	2046	rVV4	683356	1639505	69.76%	3.230%
84	14.385	2046	2050	2054	rVV4	1312911	2350177	100.00%	4.630%
85	14.421	2054	2056	2058	rVV3	433392	525686	22.37%	1.036%
86	14.452	2058	2061	2064	rVV	431654	579647	24.66%	1.142%
87	14.495	2064	2068	2071	rVV2	452273	604878	25.74%	1.192%
88	14.543	2071	2076	2082	rVB5	425606	697944	29.70%	1.375%
89	14.726	2102	2106	2111	rBV4	268765	416084	17.70%	0.820%
90	14.787	2111	2116	2120	rVV3	602759	1271727	54.11%	2.506%
91	14.830	2120	2123	2131	rVB2	933213	1670738	71.09%	3.292%
92	15.055	2156	2160	2164	rVB5	217129	329554	14.02%	0.649%
93	15.318	2198	2203	2212	rBV2	612981	1000252	42.56%	1.971%
94	15.622	2249	2253	2255	rBV3	130220	205806	8.76%	0.405%
95	15.720	2266	2269	2275	rVB4	157674	272676	11.60%	0.537%
96	15.860	2288	2292	2296	rBV3	108911	163608	6.96%	0.322%
97	16.159	2336	2341	2345	rBV6	144329	327717	13.94%	0.646%
98	16.202	2345	2348	2355	rVB2	187849	340378	14.48%	0.671%
99	16.275	2356	2360	2368	rVB3	150159	308624	13.13%	0.608%
100	16.360	2370	2374	2380	rVB7	43213	87745	3.73%	0.173%

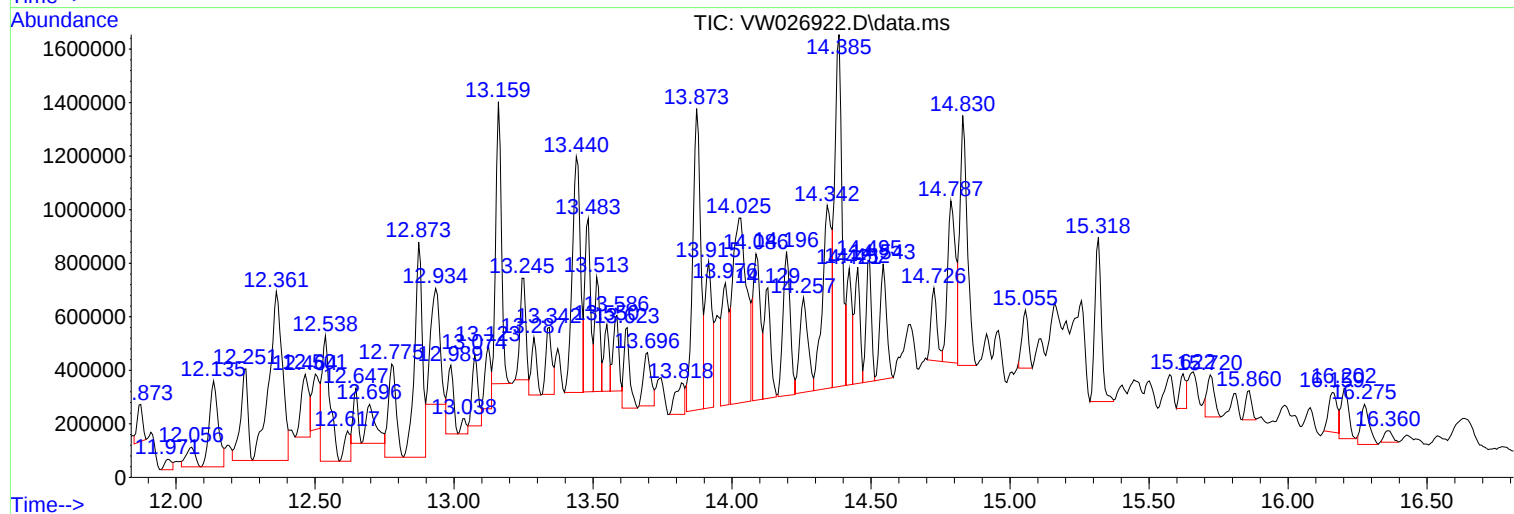
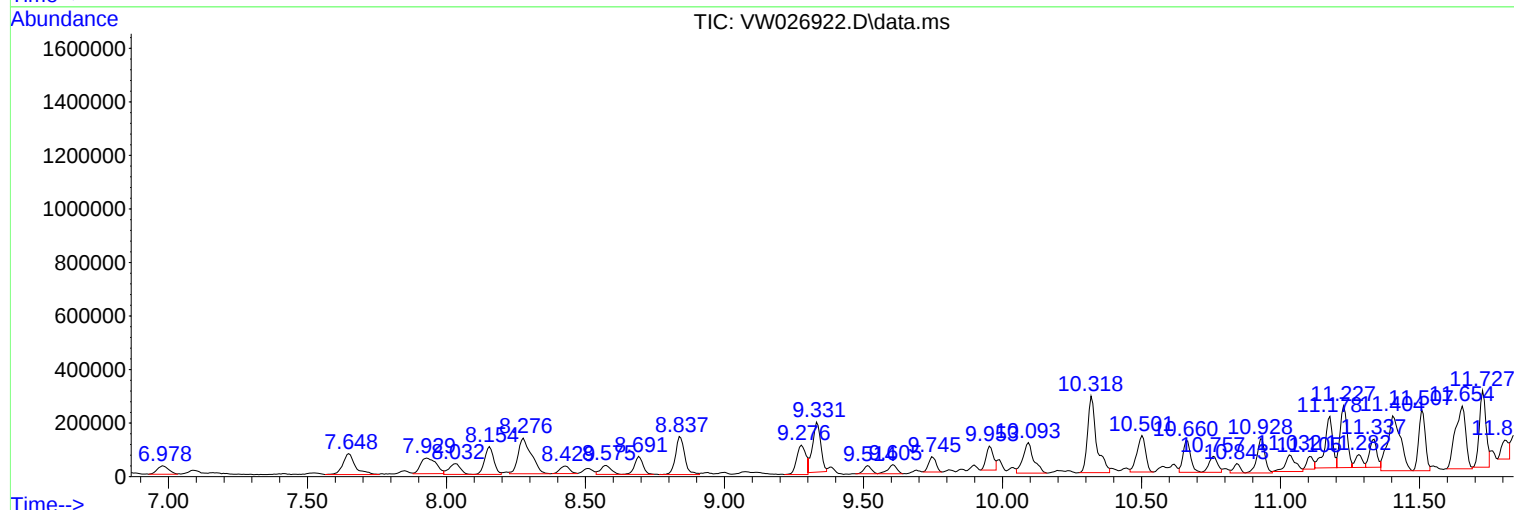
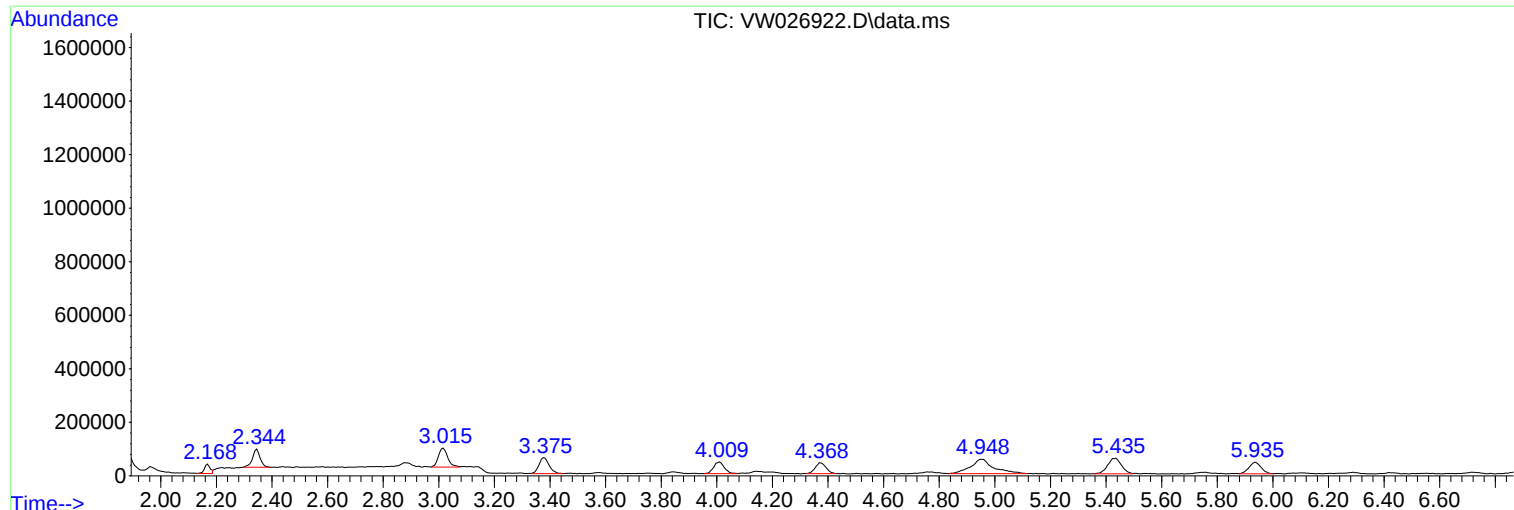
Sum of corrected areas: 50755528

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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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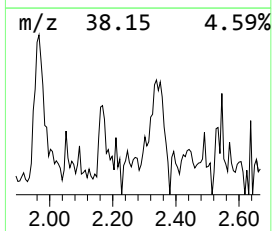
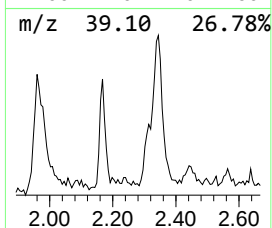
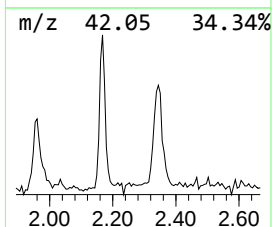
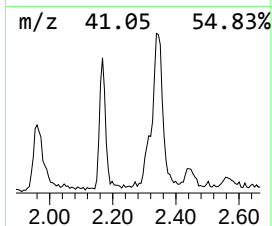
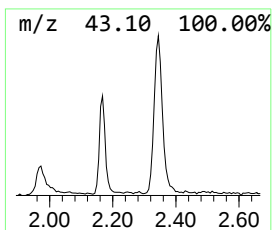
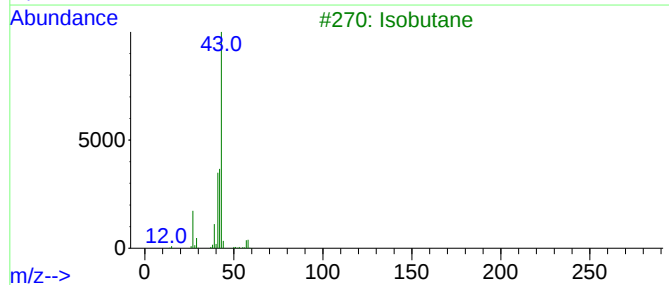
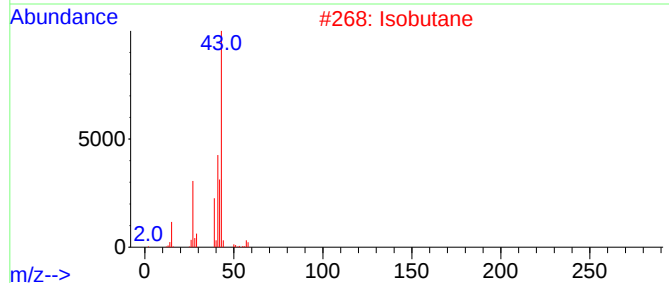
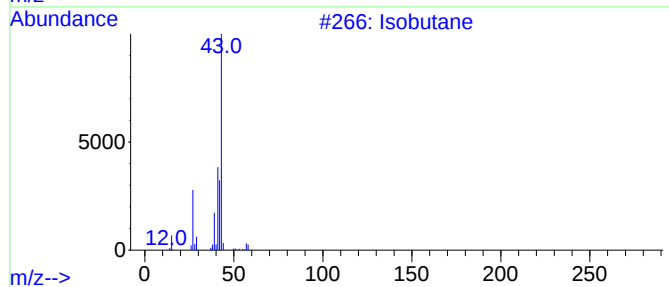
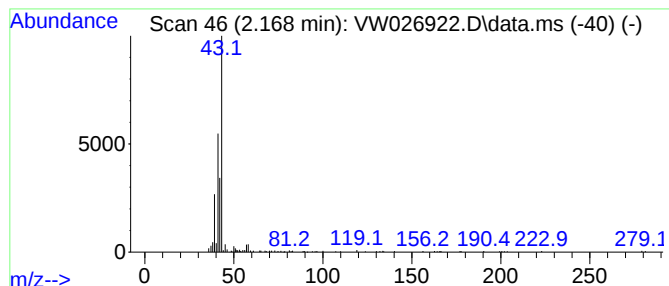
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.168	3.89 ug/L	50862	1,4-Difluorobenzene	8.837

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutane	58	C4H10	000075-28-5	59
2		Isobutane	58	C4H10	000075-28-5	59
3		Isobutane	58	C4H10	000075-28-5	45
4		Isobutane	58	C4H10	000075-28-5	45
5		Isobutane	58	C4H10	000075-28-5	45



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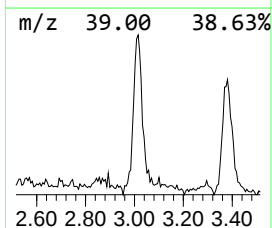
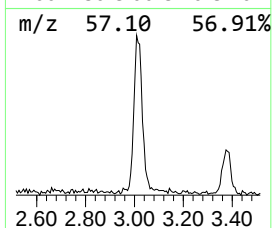
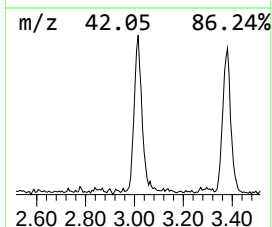
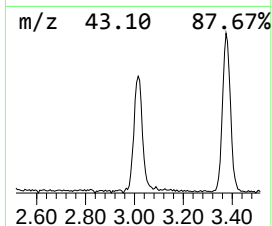
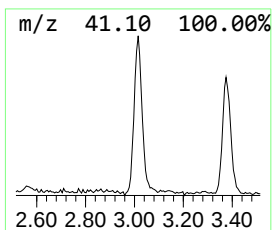
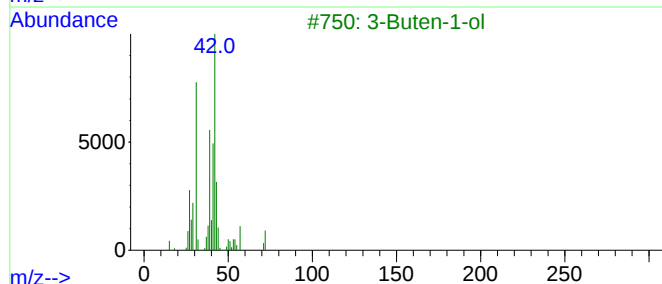
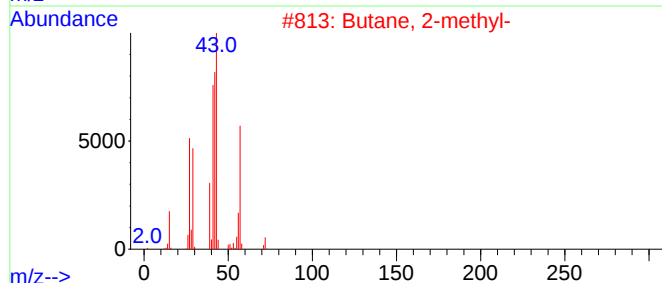
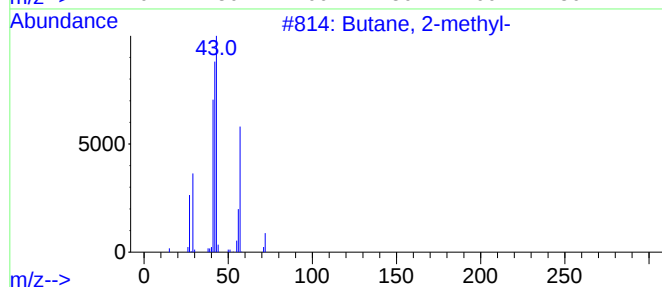
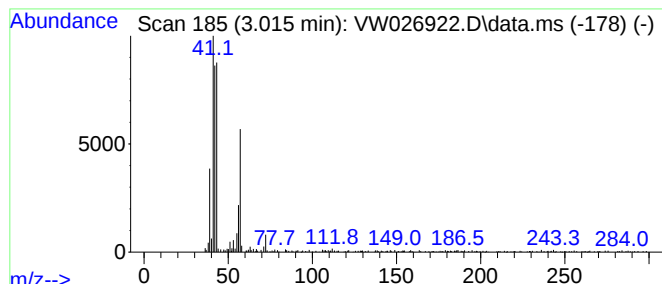
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.015	12.74 ug/L	166571	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	52
2			Butane, 2-methyl-	72	C5H12	000078-78-4	52
3			3-Buten-1-ol	72	C4H8O	000627-27-0	38
4			1,3,5-Triazaadamantane, 7-(2,4-d...	310	C14H16Cl2N4	304880-73-7	23
5			Nitroxide, bis(1,1-dimethylethyl)	144	C8H18NO	002406-25-9	23



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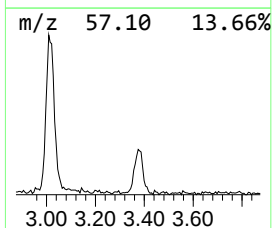
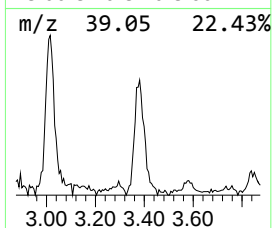
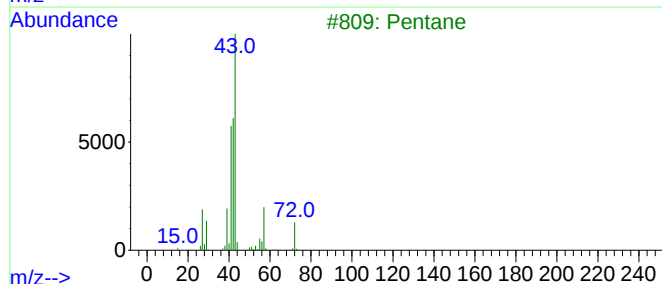
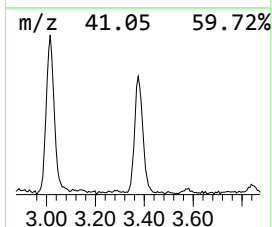
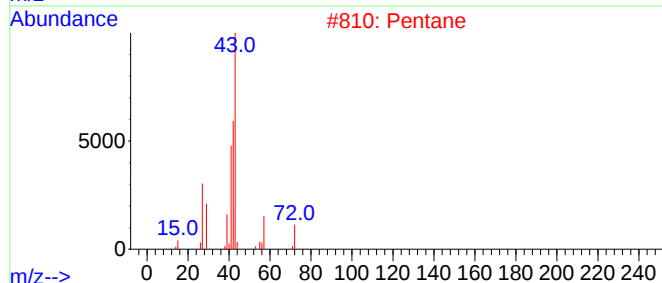
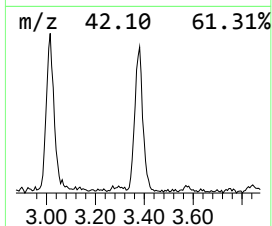
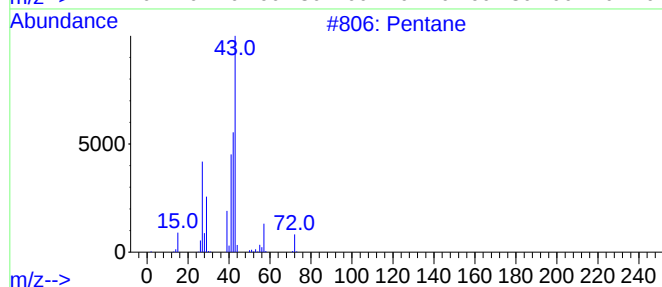
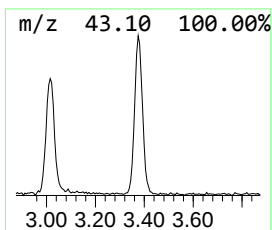
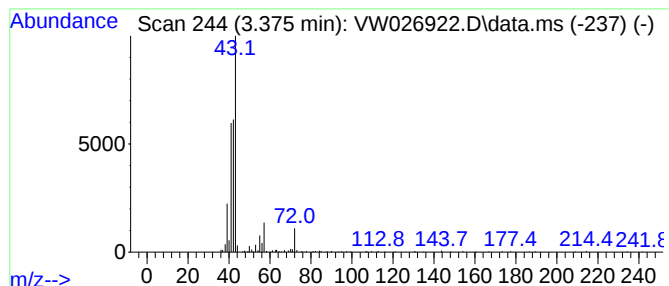
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.375	11.56 ug/L	151143	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	80
2	Pentane			72	C5H12	000109-66-0	80
3	Pentane			72	C5H12	000109-66-0	74
4	Pentane			72	C5H12	000109-66-0	72
5	Pentane			72	C5H12	000109-66-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

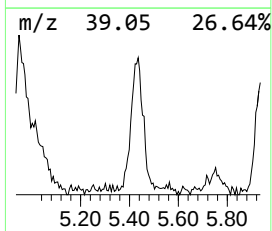
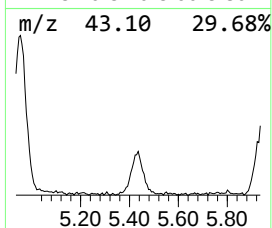
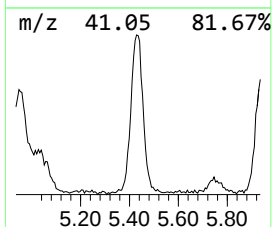
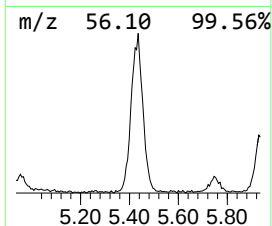
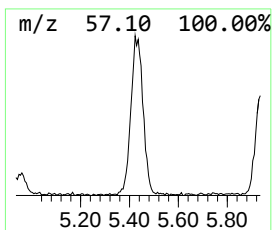
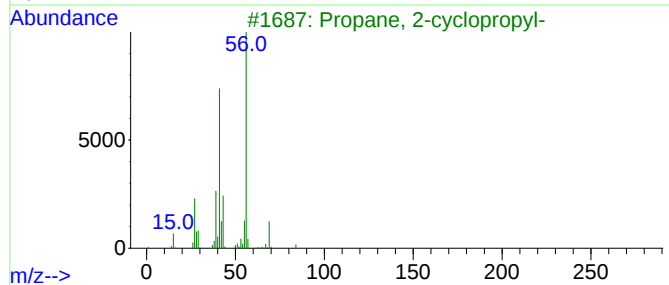
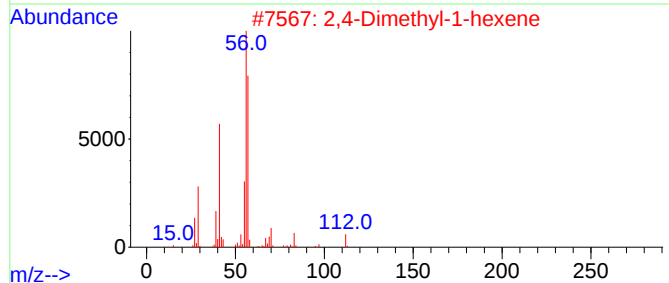
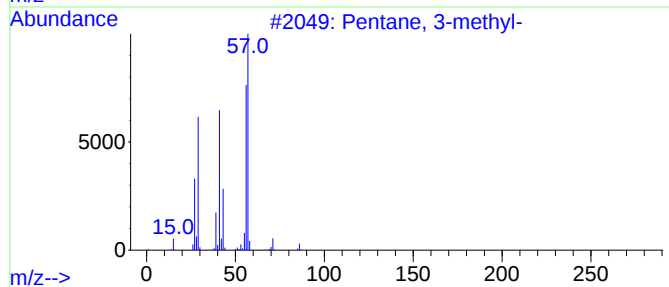
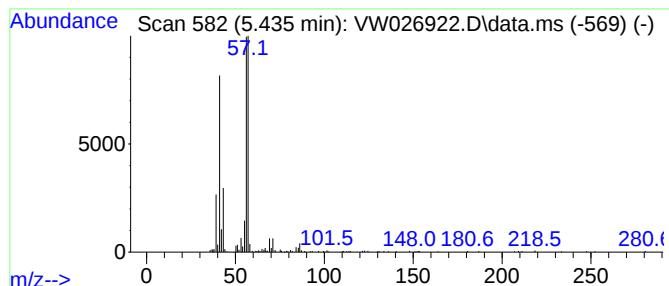
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.435	15.24 ug/L	199130	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2			2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	72
3			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

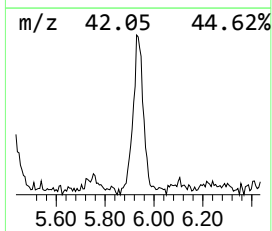
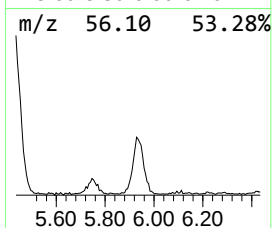
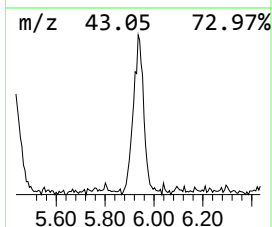
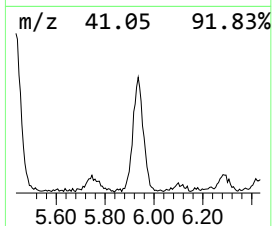
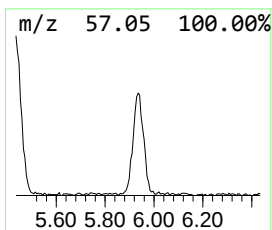
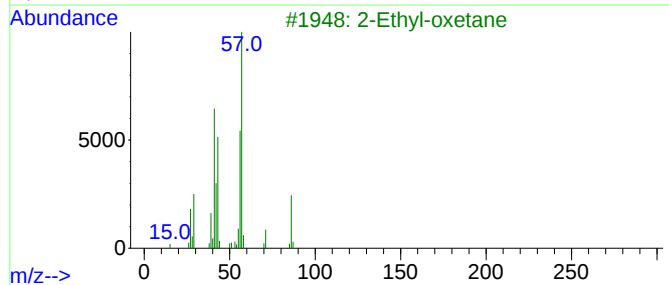
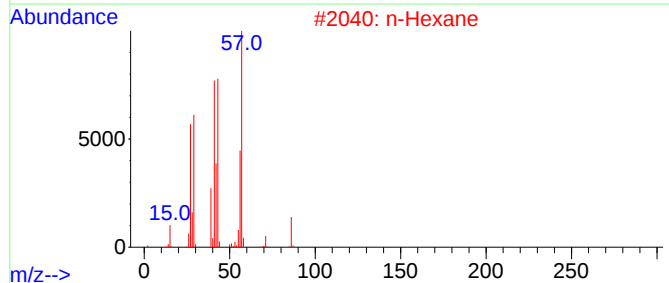
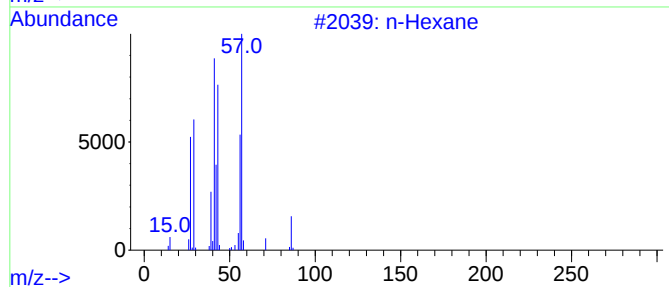
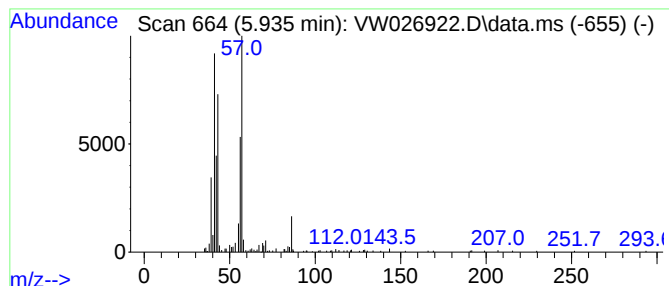
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.935	9.92 ug/L	129601	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	90
2	n-Hexane			86	C6H14	000110-54-3	90
3	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	87
4	n-Hexane			86	C6H14	000110-54-3	86
5	1-Pentene, 4-methyl-			84	C6H12	000691-37-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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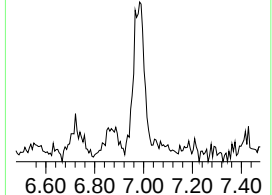
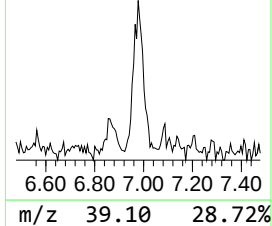
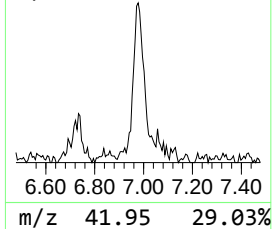
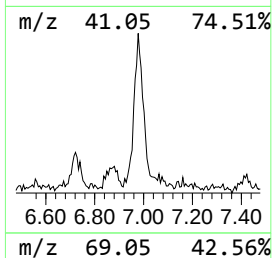
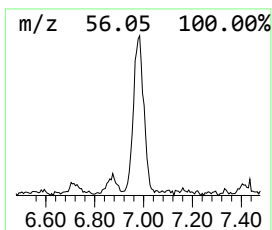
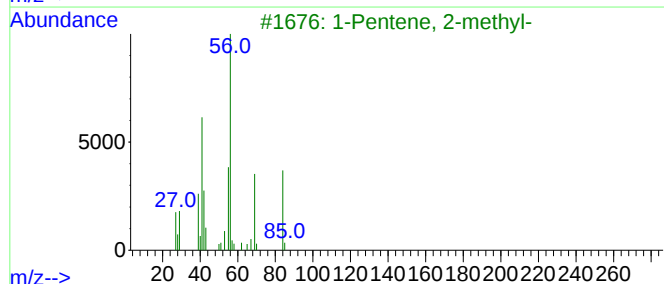
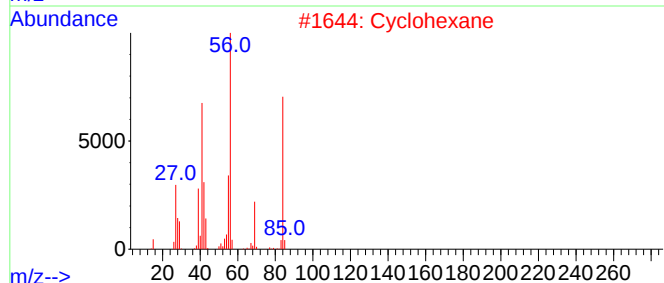
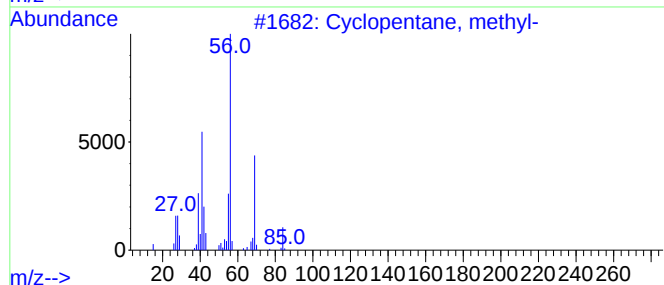
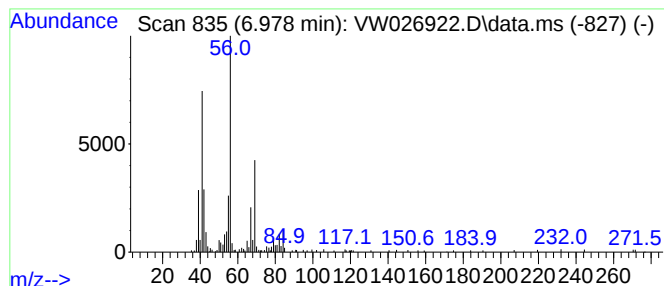
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic6.978 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.978	6.81 ug/L	89062	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	74
2			Cyclohexane	84	C6H12	000110-82-7	64
3			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
4			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
5			Cyclopentane, methyl-	84	C6H12	000096-37-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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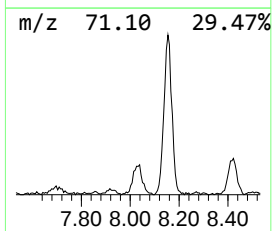
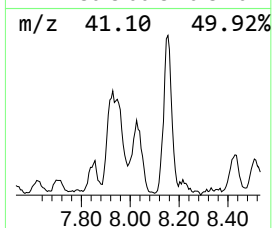
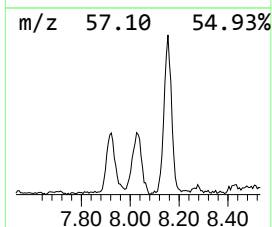
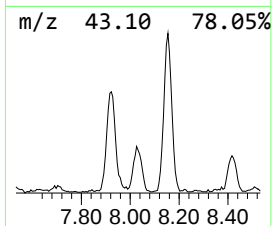
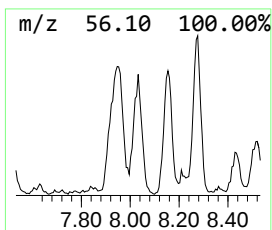
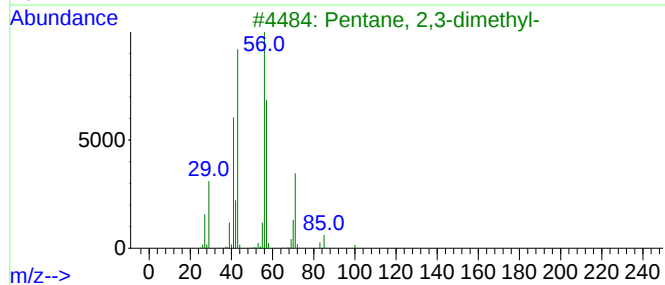
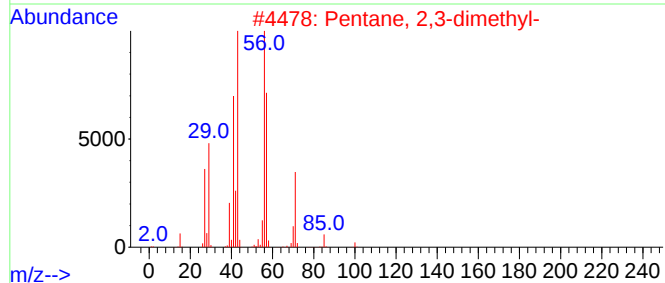
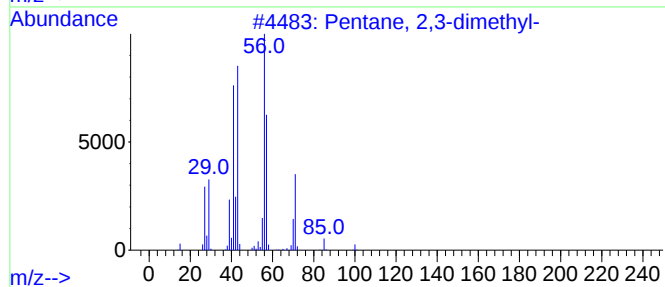
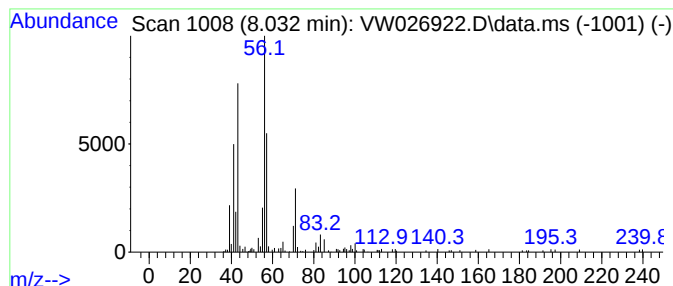
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.032	8.77 ug/L	114664	1,4-Difluorobenzene	8.837

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
5		2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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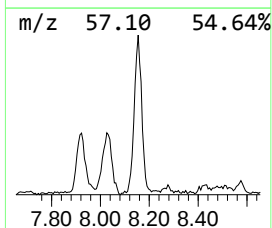
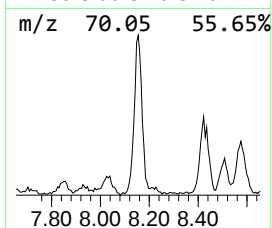
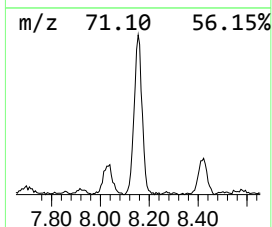
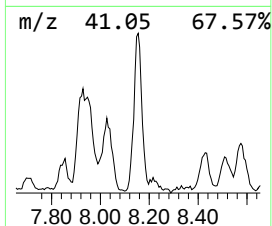
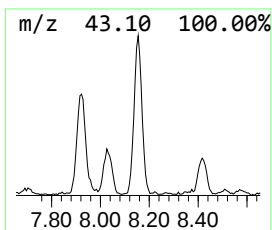
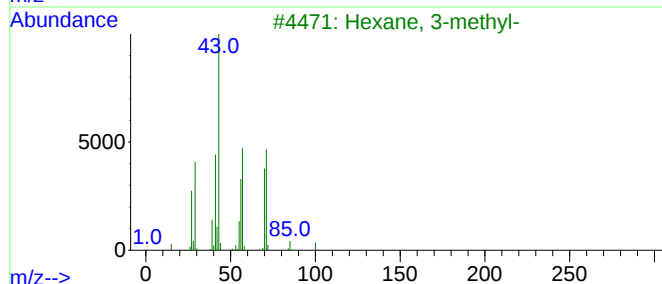
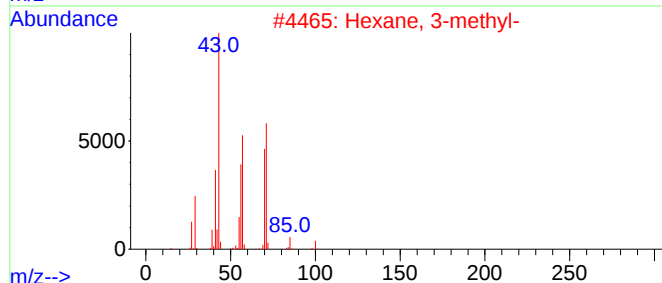
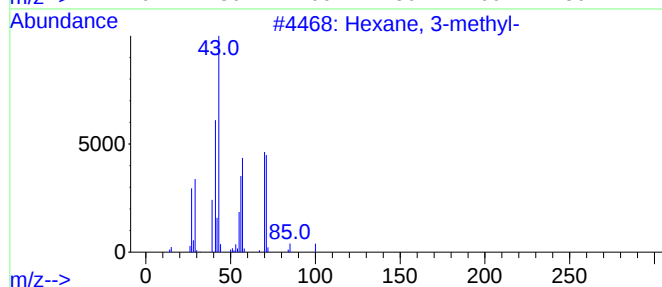
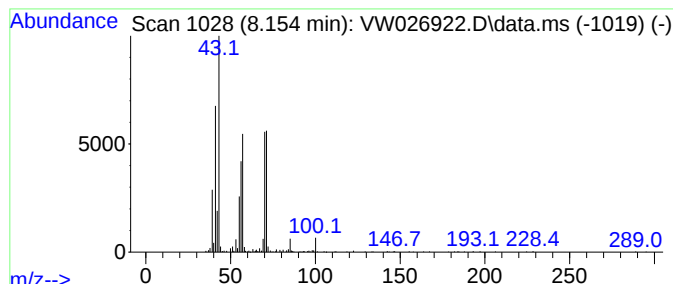
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	18.02 ug/L	235532	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	86
4			Heptane	100	C7H16	000142-82-5	64
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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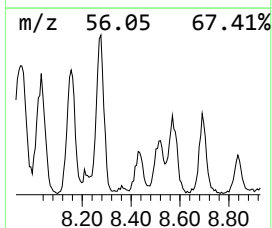
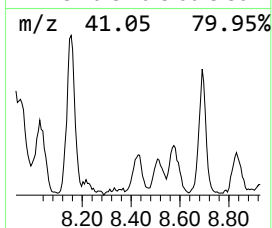
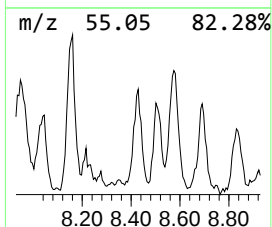
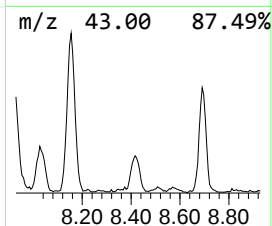
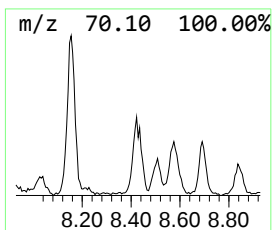
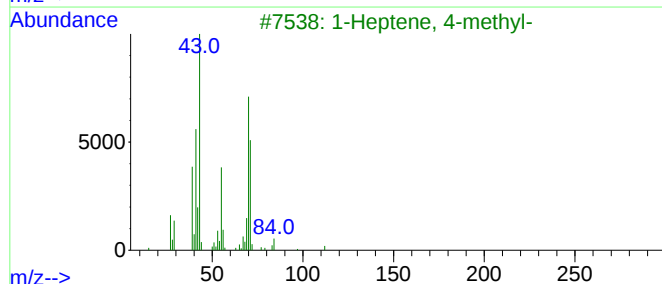
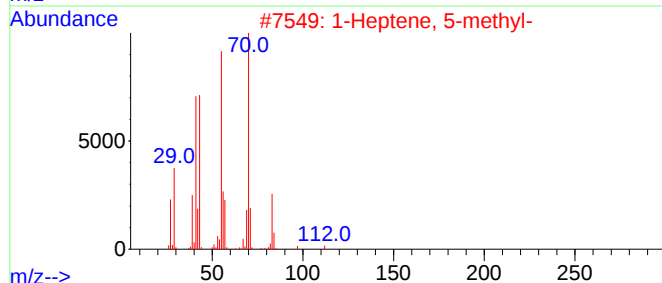
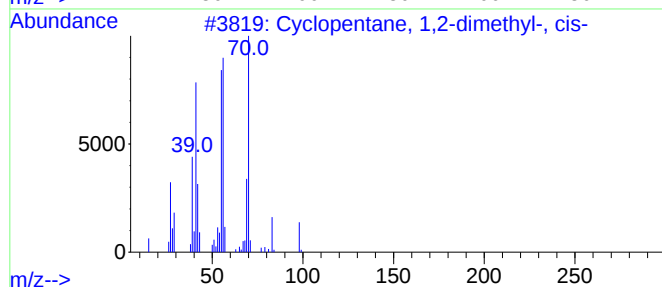
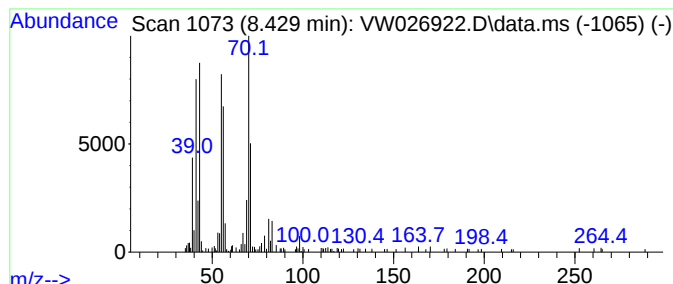
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic8.429 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.429	5.32 ug/L	69475	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	58
2			1-Heptene, 5-methyl-	112	C8H16	013151-04-7	49
3			1-Heptene, 4-methyl-	112	C8H16	013151-05-8	49
4			Heptane, 3-ethyl-5-methylene-	140	C10H20	1010160-41-7	47
5			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

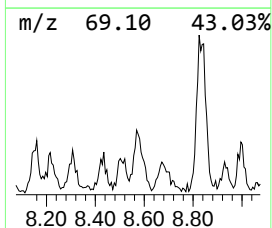
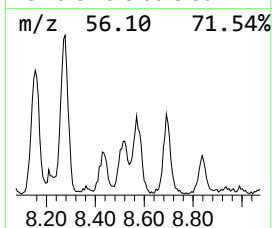
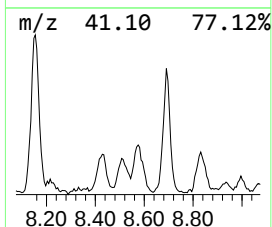
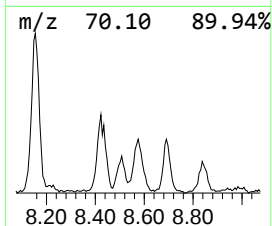
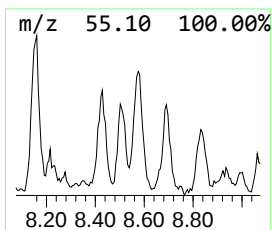
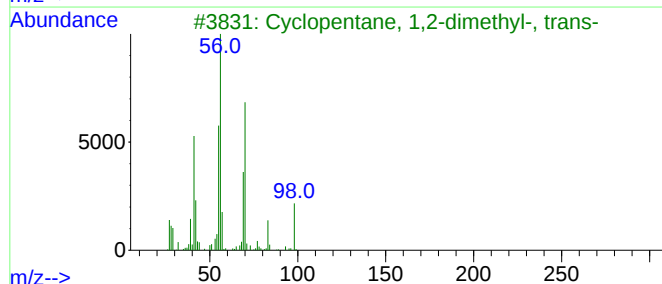
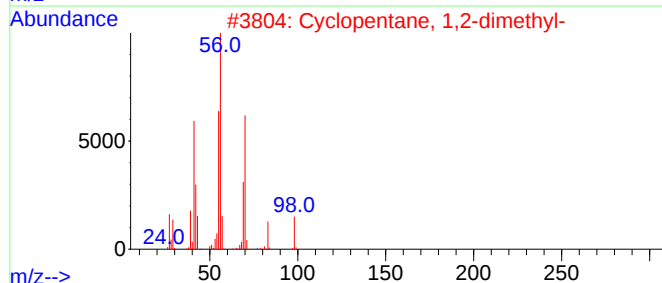
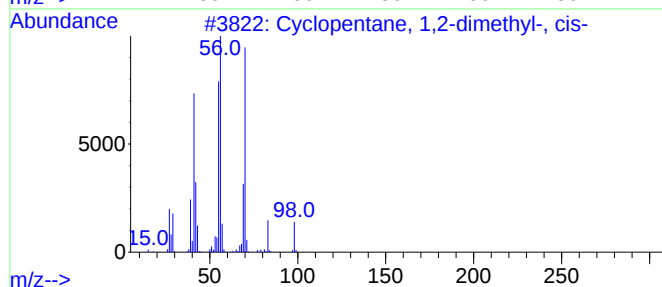
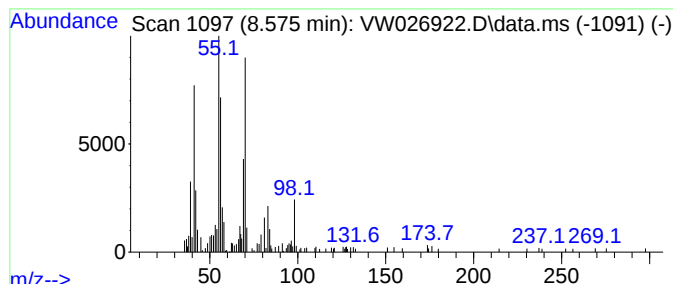
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic8.575 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	6.74 ug/L	88051	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	58
2			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	55
3			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	53
4			Isopropylcyclobutane	98	C7H14	000872-56-0	52
5			1-Octene, 6-methyl-	126	C9H18	013151-10-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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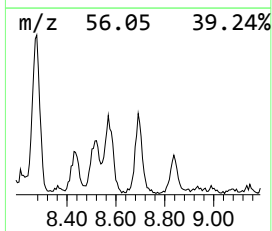
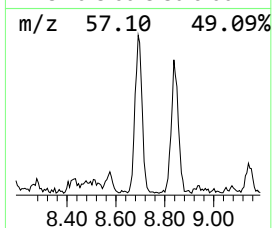
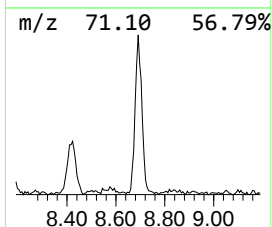
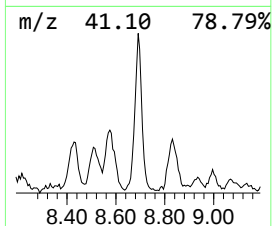
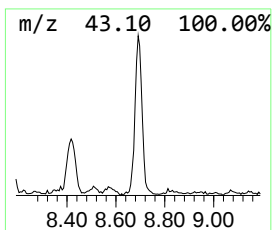
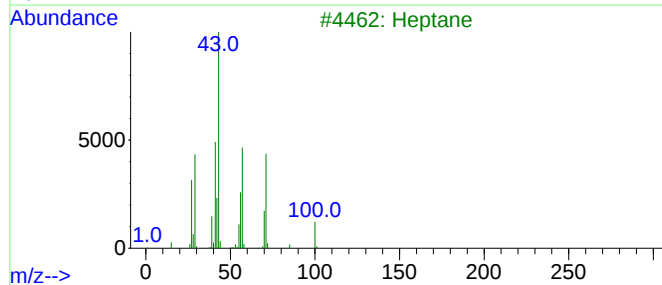
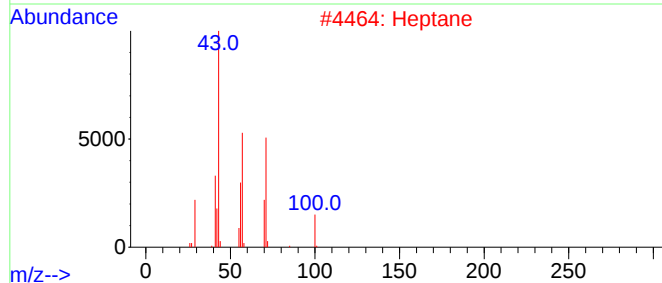
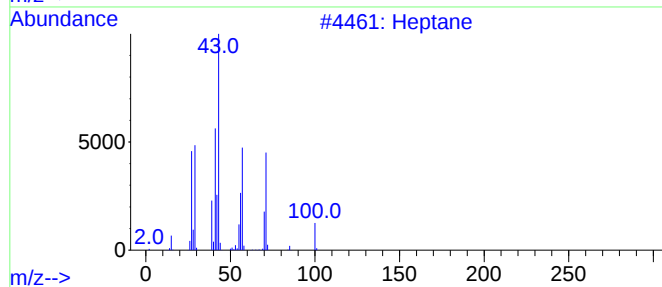
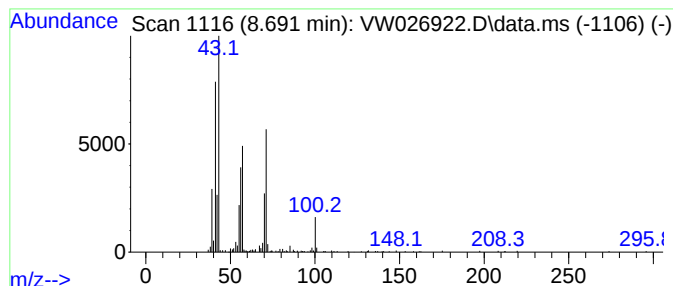
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.691	10.83 ug/L	141595	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	87
2	Heptane			100	C7H16	000142-82-5	80
3	Heptane			100	C7H16	000142-82-5	72
4	Heptane			100	C7H16	000142-82-5	72
5	Hexane, 3-methyl-			100	C7H16	000589-34-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

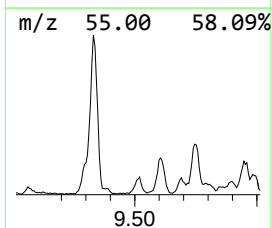
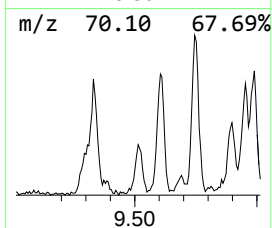
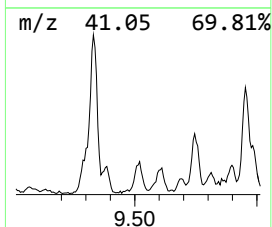
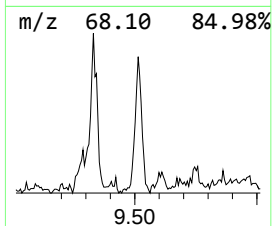
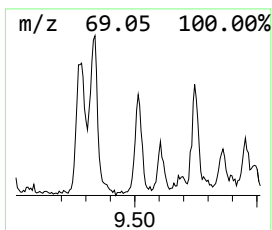
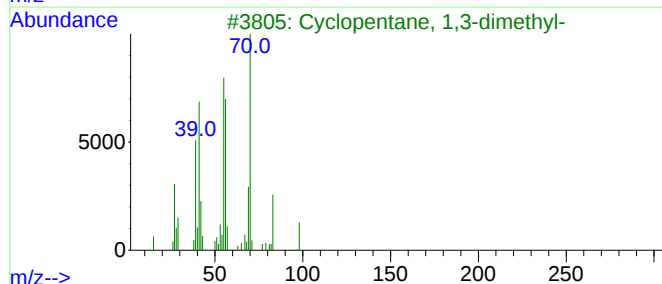
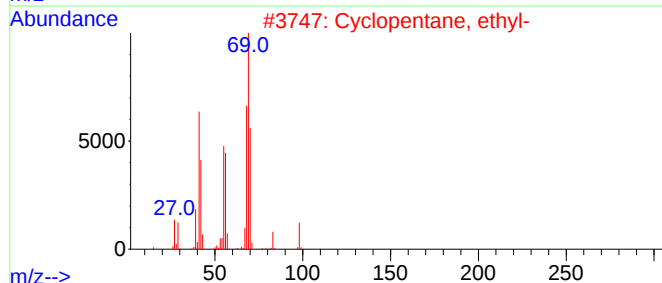
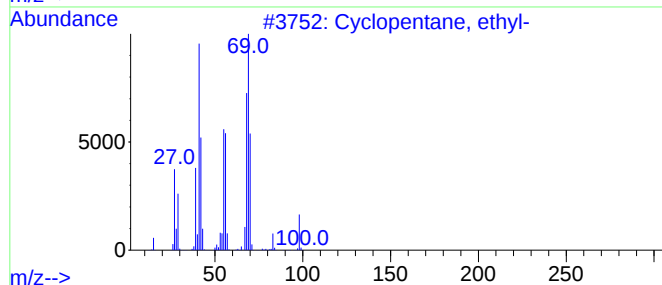
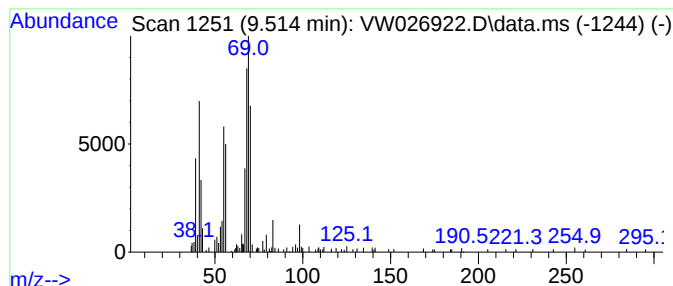
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic9.514 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.514	4.41 ug/L	57699	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, ethyl-	98	C7H14	001640-89-7	76
2			Cyclopentane, ethyl-	98	C7H14	001640-89-7	70
3			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	41
4			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	30
5			Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

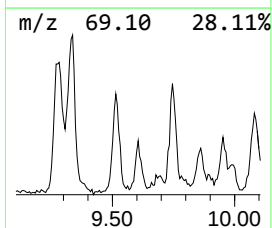
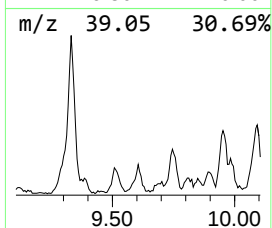
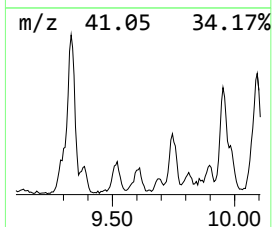
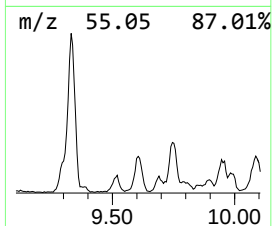
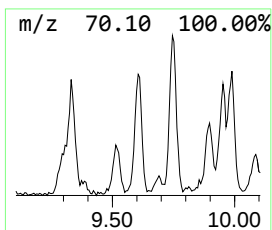
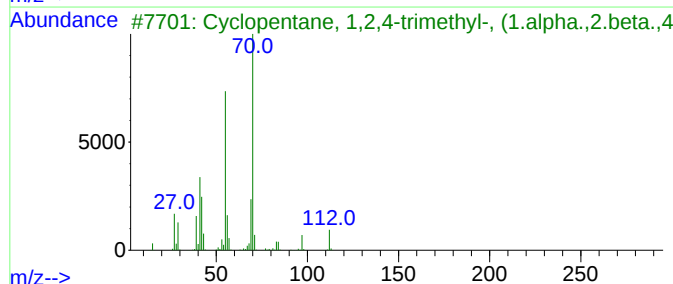
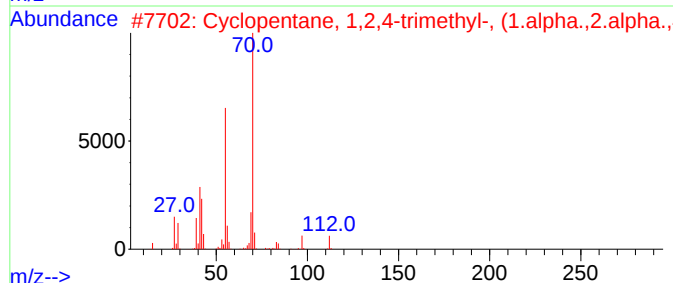
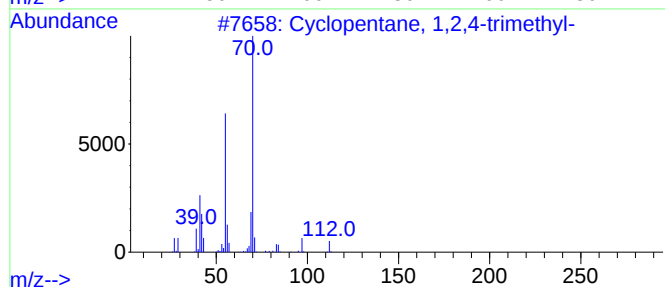
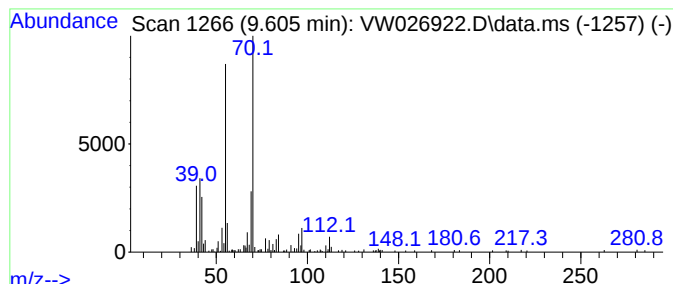
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic9.605 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.605	5.84 ug/L	76345	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86
2			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	80
3			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	72
4			6-Methyl-cyclohex-2-en-1-ol	112	C7H12O	1000144-17-3	68
5			Heptane, 3-methylene-	112	C8H16	001632-16-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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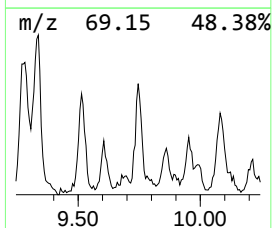
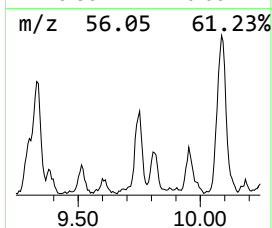
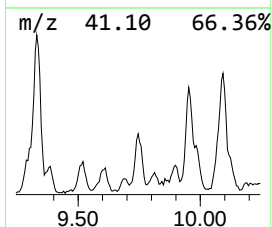
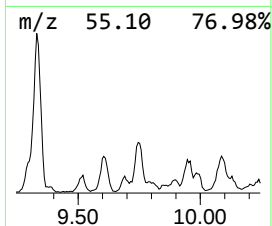
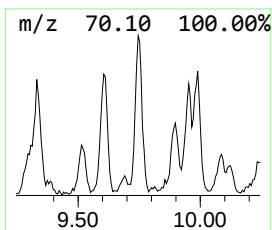
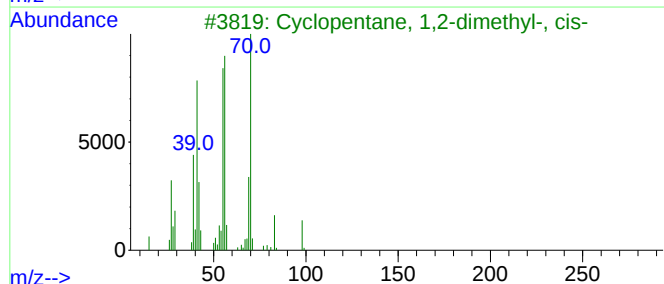
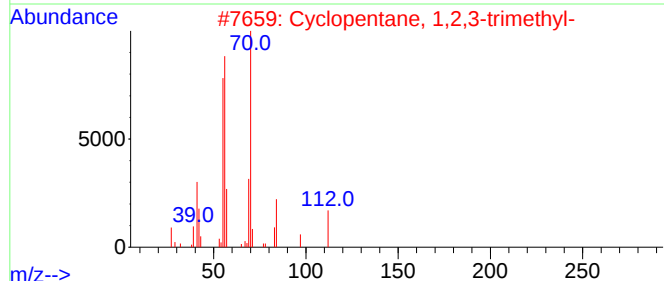
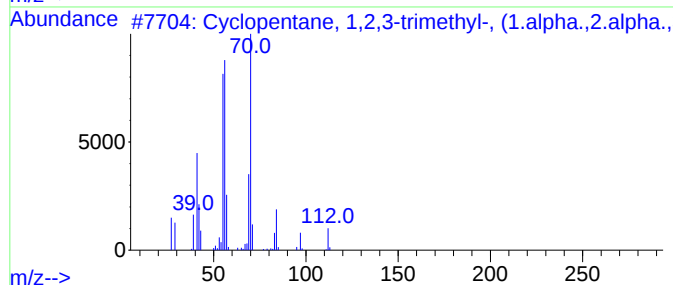
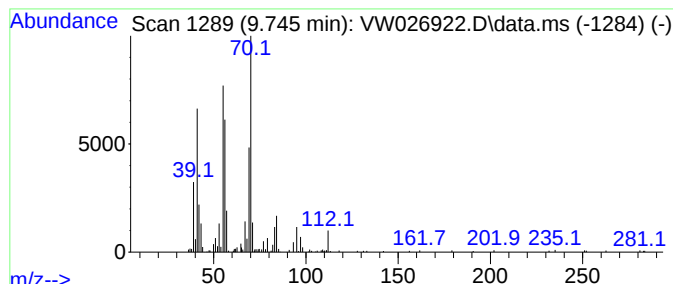
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic9.745 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	8.01 ug/L	104673	1,4-Difluorobenzene	8.837

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
2		Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	72
3		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
4		2-Octene, 3,7-dimethyl-, (Z)-	140	C10H20	006874-32-4	59
5		Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

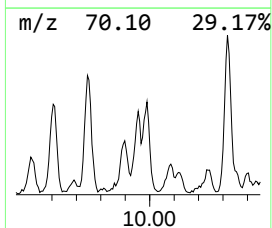
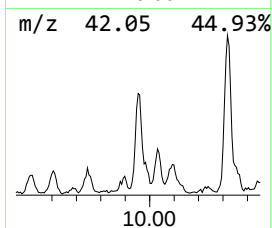
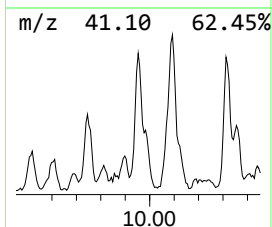
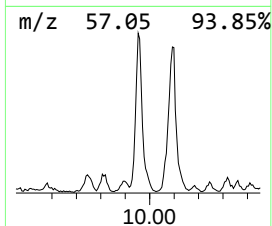
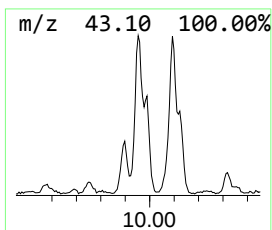
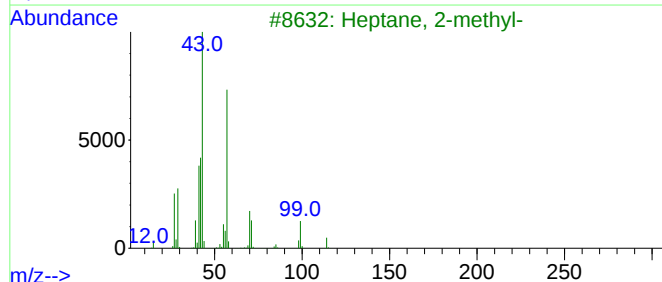
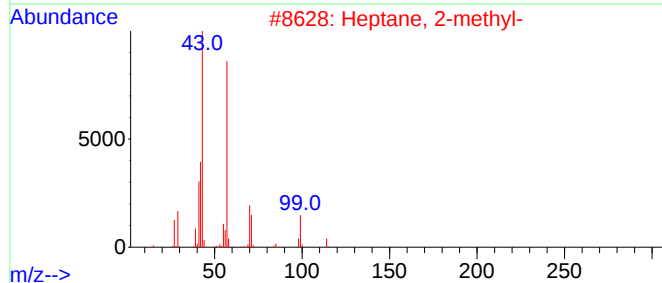
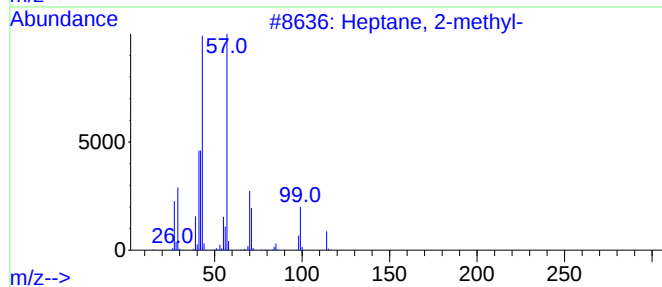
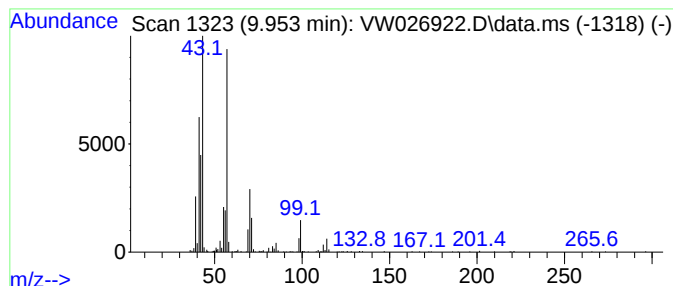
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	12.64 ug/L	165222	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2			Heptane, 2-methyl-	114	C8H18	000592-27-8	72
3			Heptane, 2-methyl-	114	C8H18	000592-27-8	64
4			1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	59
5			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

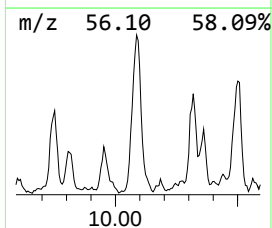
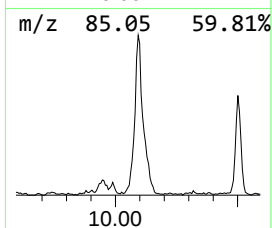
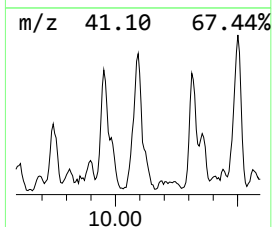
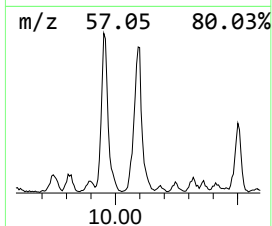
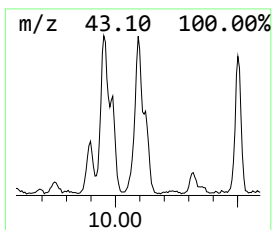
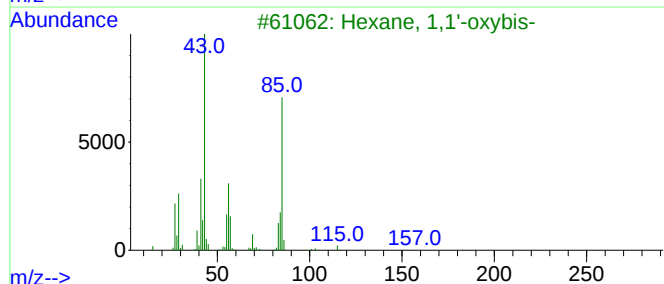
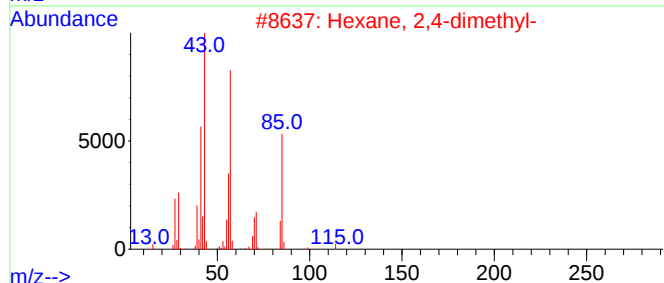
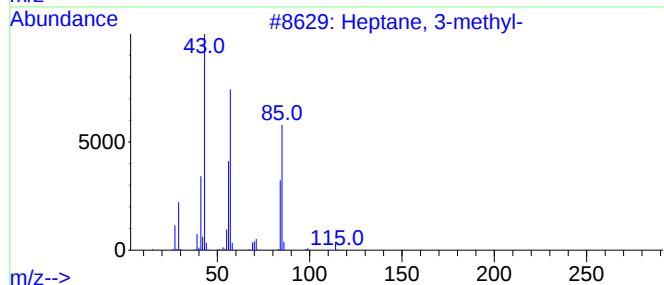
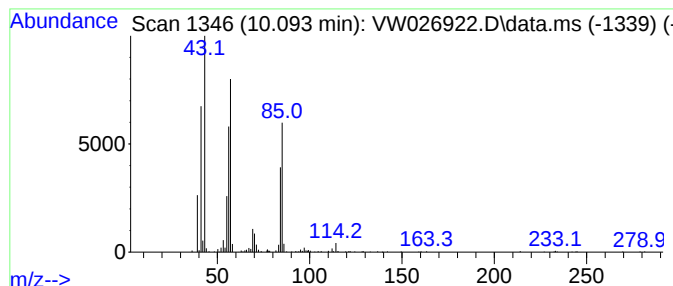
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	23.00 ug/L	300599	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	72
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
3			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
4			Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	53
5			Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

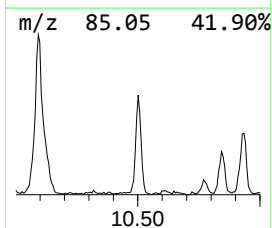
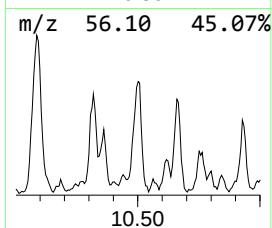
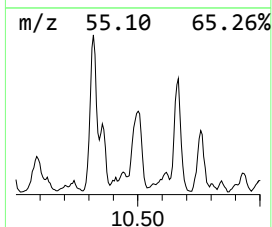
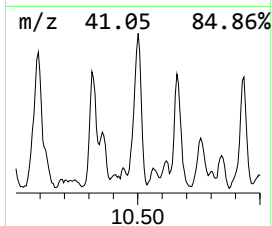
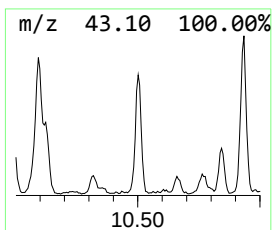
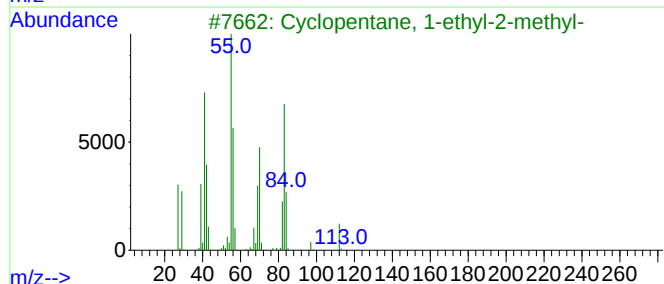
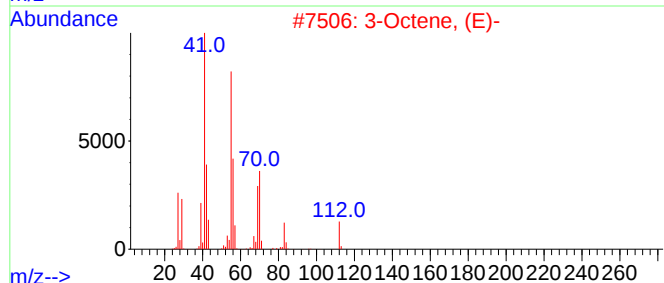
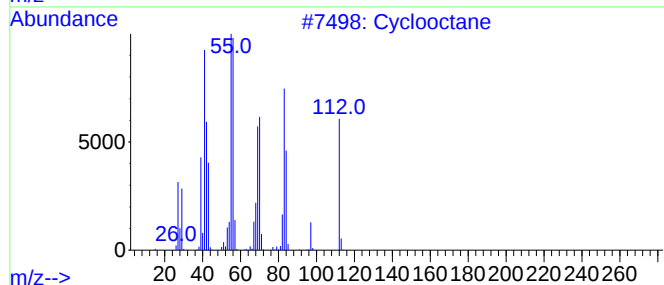
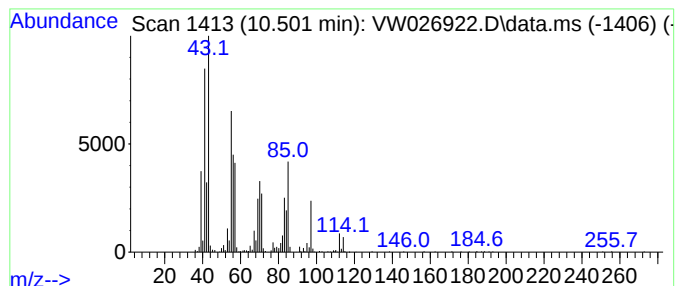
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic10.501 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.501	11.82 ug/L	289590	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane	112	C8H16	000292-64-8	49
2			3-Octene, (E)-	112	C8H16	014919-01-8	46
3			Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	43
4			Octane	114	C8H18	000111-65-9	43
5			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

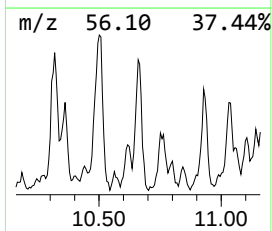
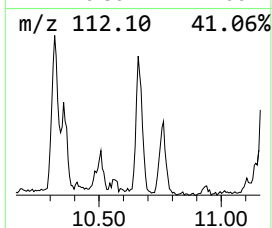
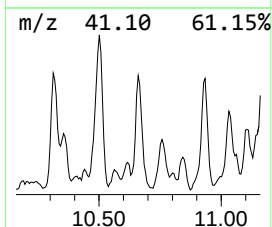
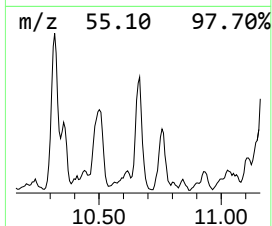
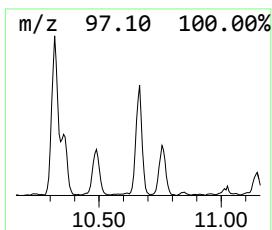
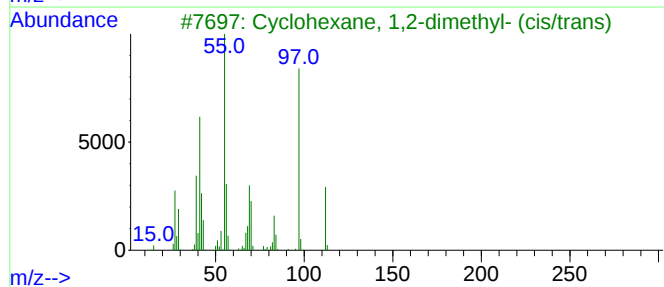
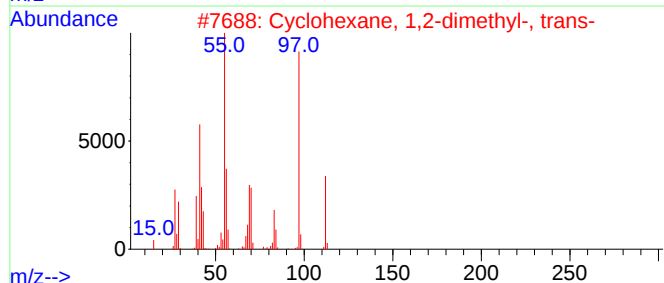
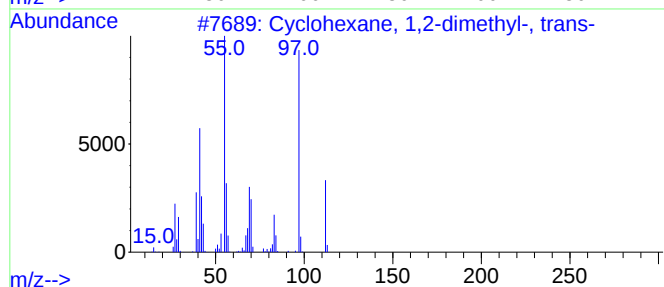
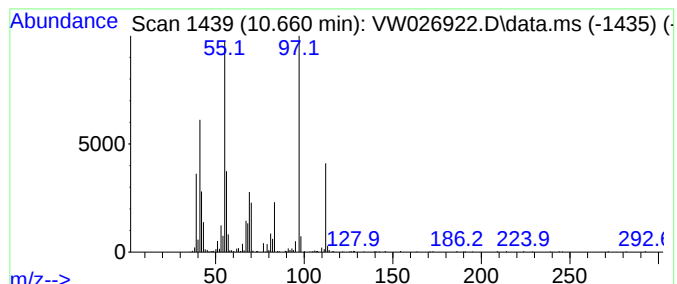
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic10.660 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	9.02 ug/L	220965	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
3			Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	83
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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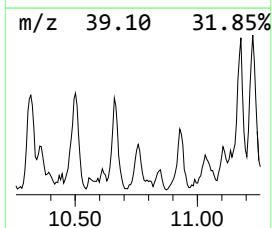
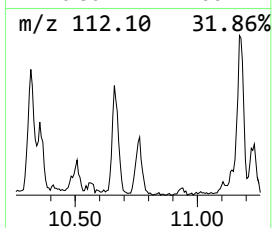
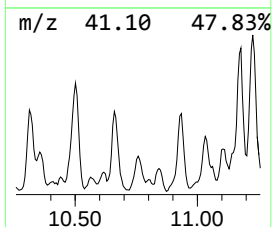
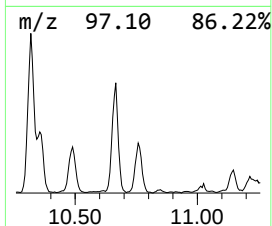
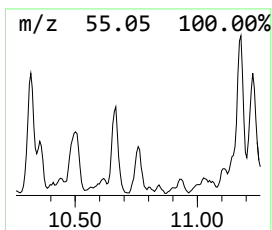
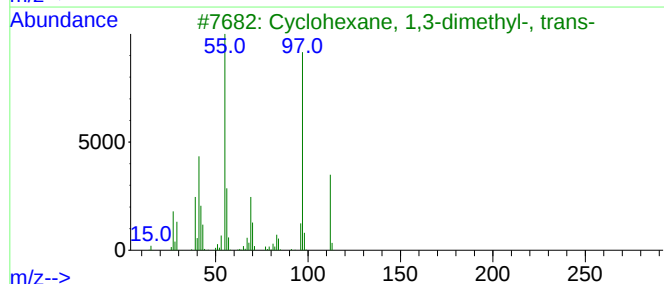
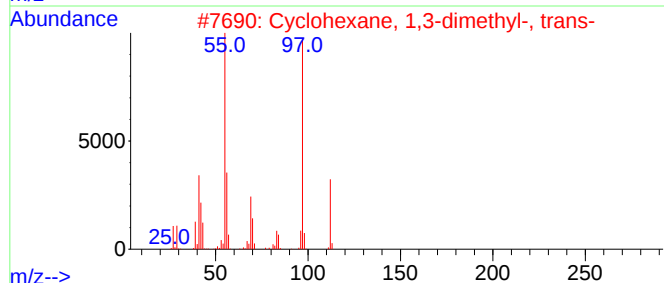
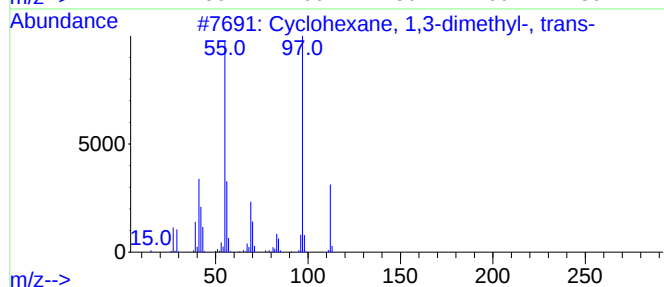
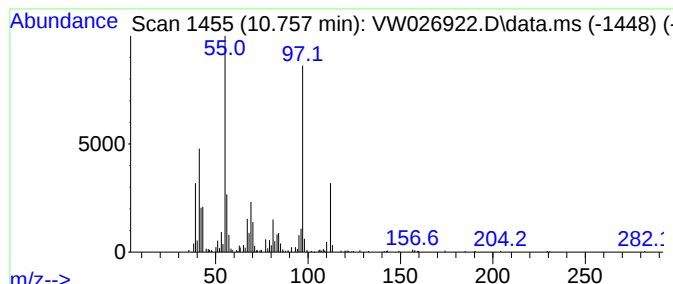
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic10.757 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	5.22 ug/L	127933	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

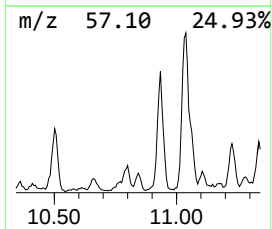
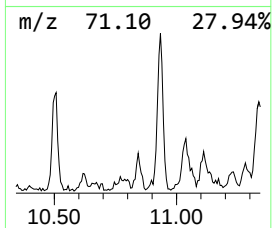
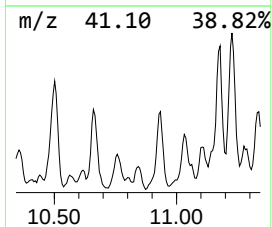
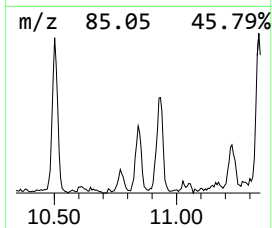
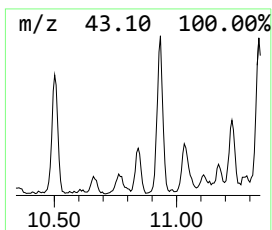
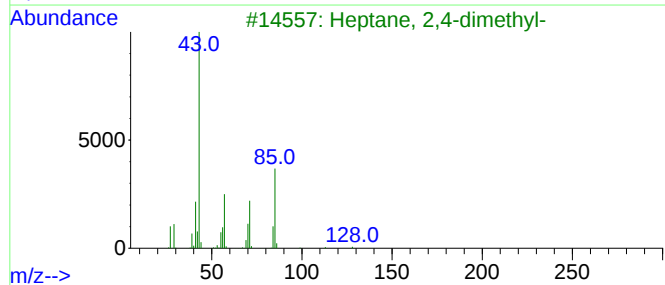
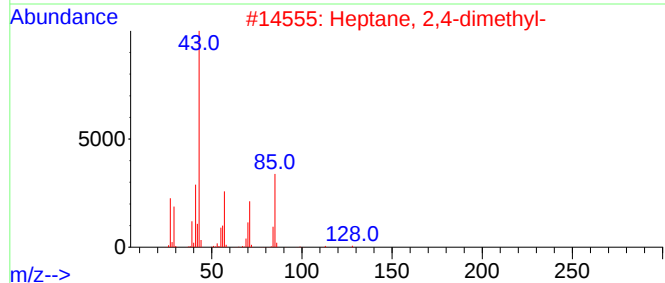
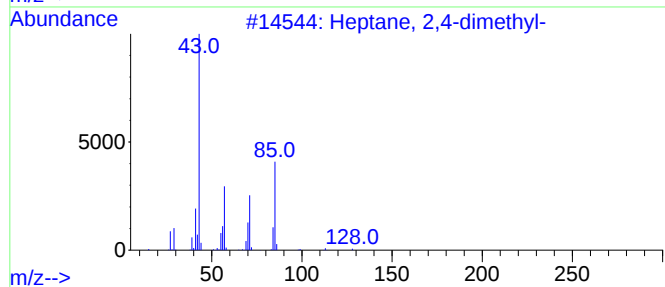
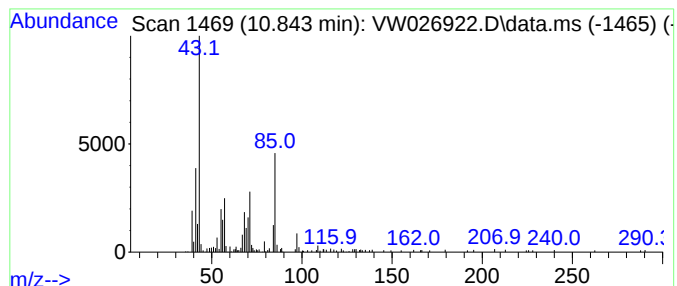
Instrument :
MSVOA_W
ClientSampleId :
EZYK4

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.843	2.28 ug/L	55778	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	74
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	74
3	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	74
4	Octane		114	C8H18	000111-65-9	59
5	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

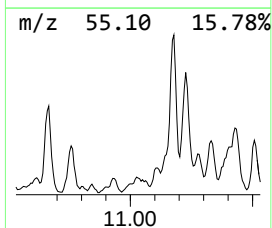
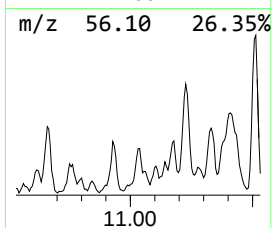
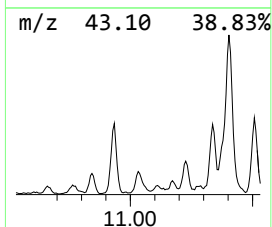
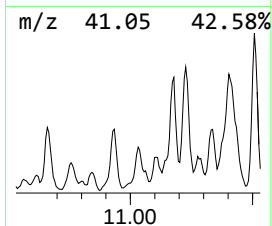
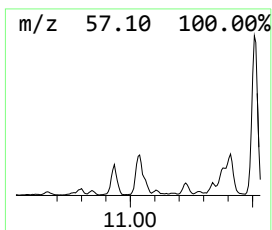
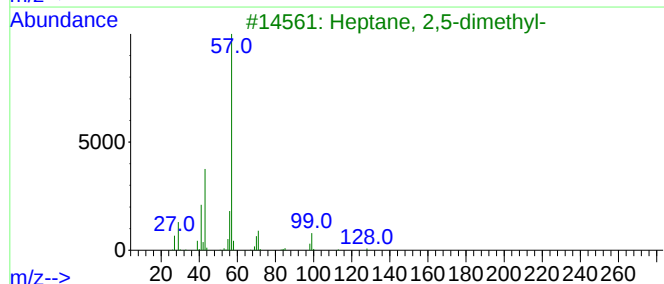
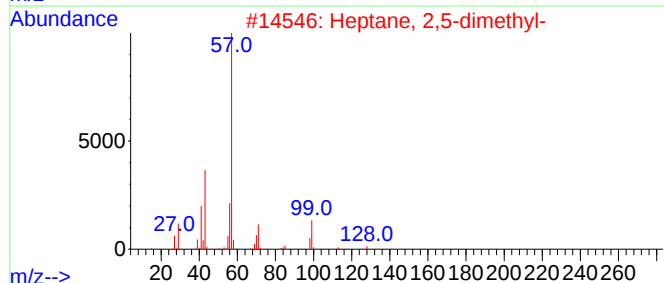
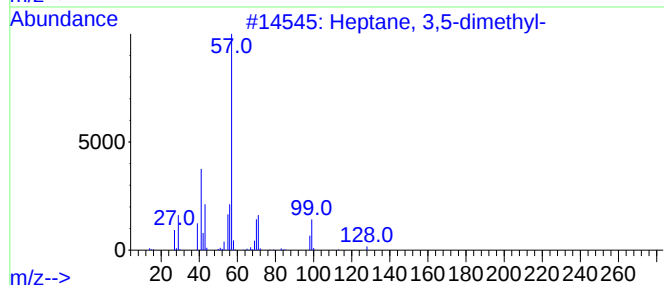
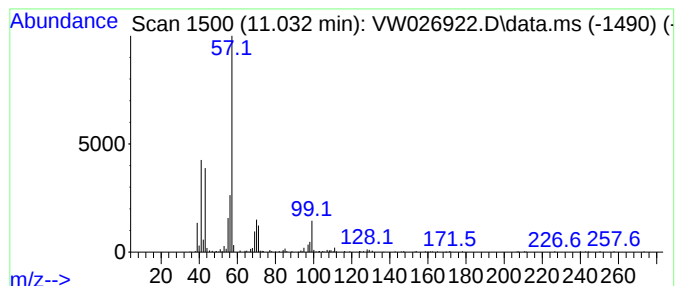
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	6.53 ug/L	160113	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	70
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	68
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4		1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	59
5		Octane, 3-methyl-	128	C9H20	002216-33-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

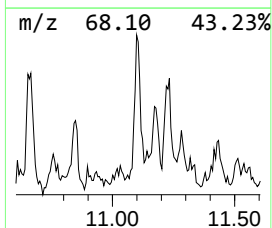
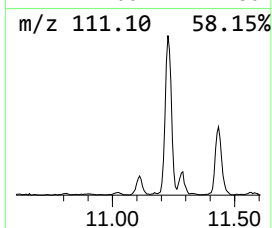
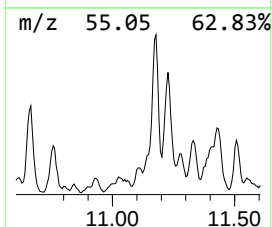
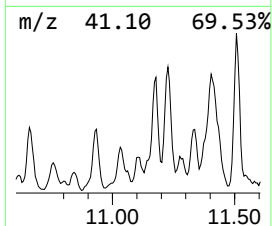
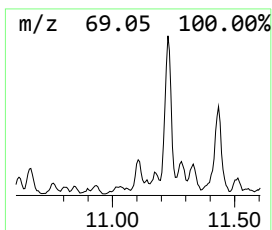
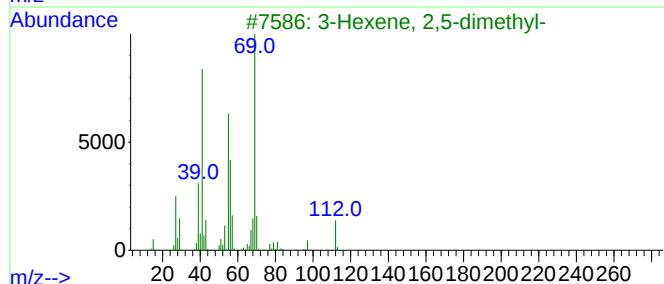
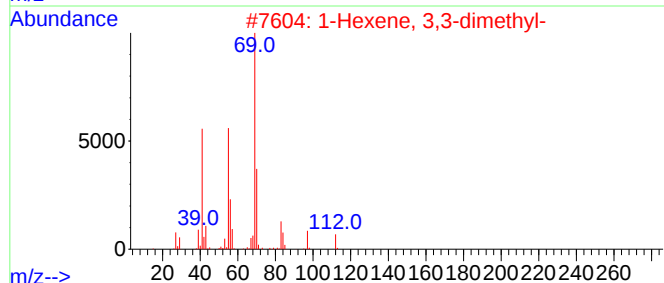
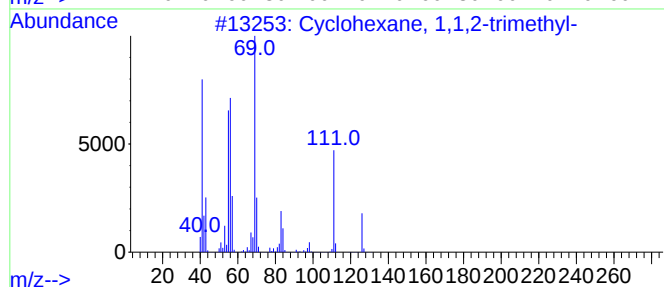
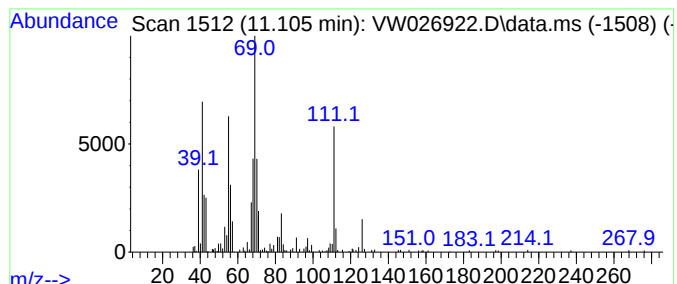
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic11.105 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.105	3.29 ug/L	80688	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
2			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
3			3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	46
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	46
5			2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

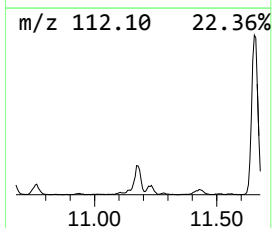
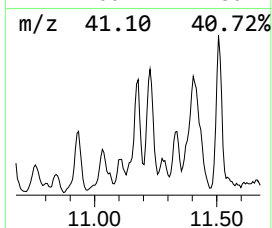
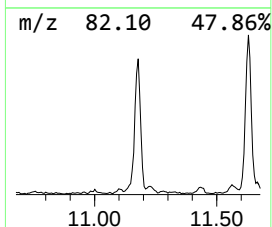
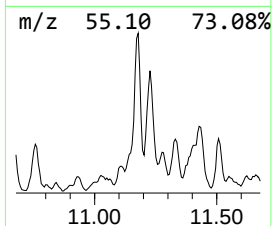
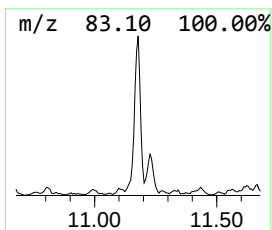
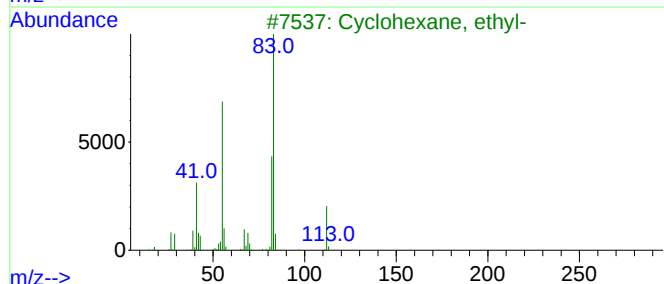
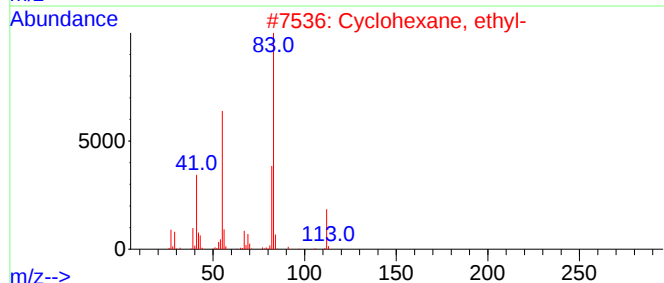
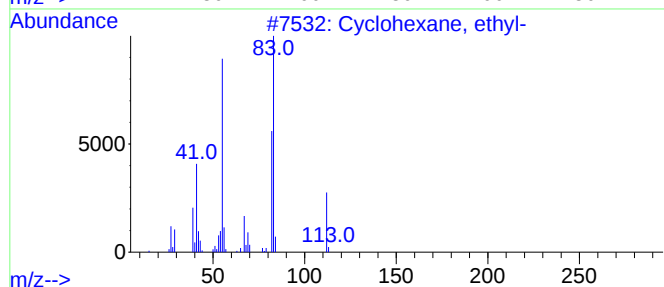
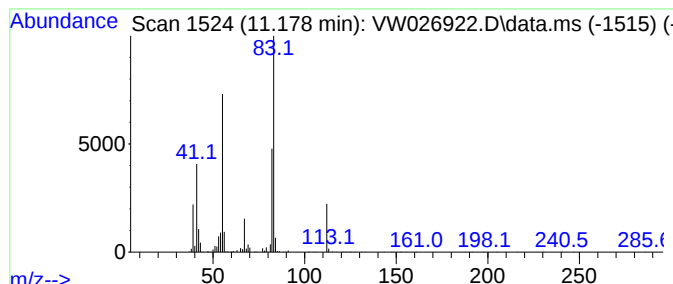
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Cyclic11.178 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	15.90 ug/L	389481	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	94
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

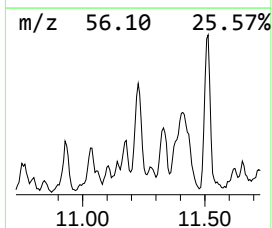
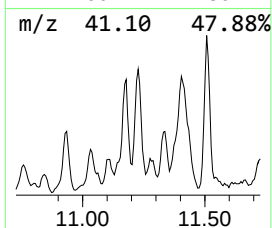
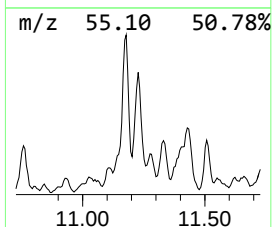
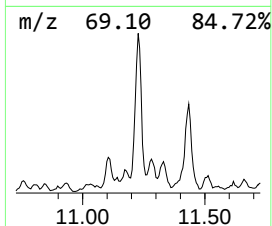
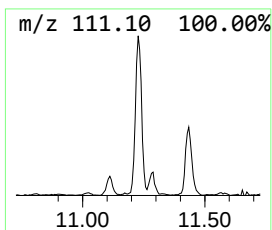
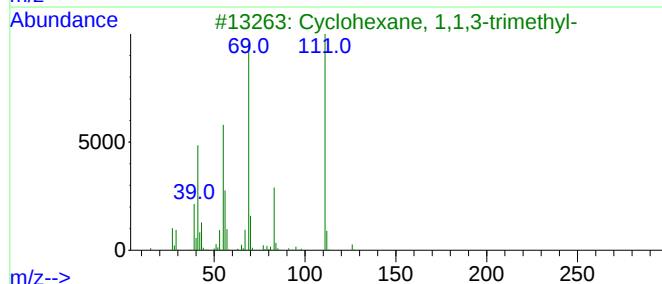
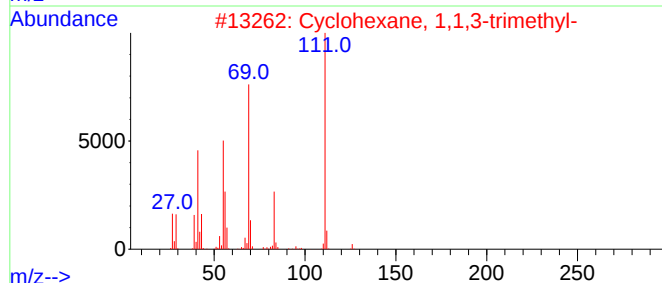
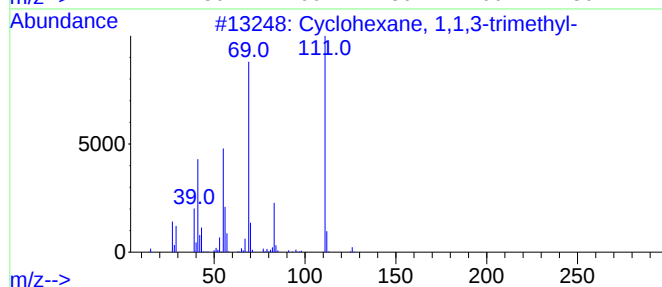
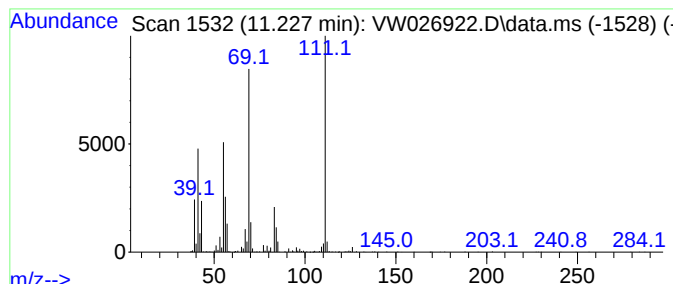
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic11.227 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	16.60 ug/L	406630	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
5			4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

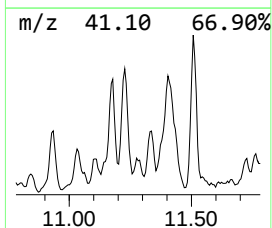
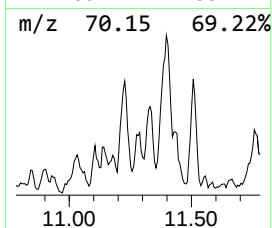
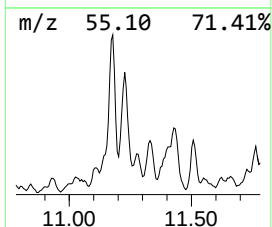
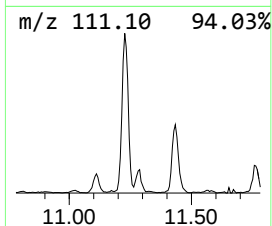
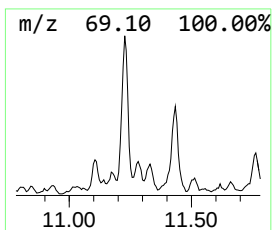
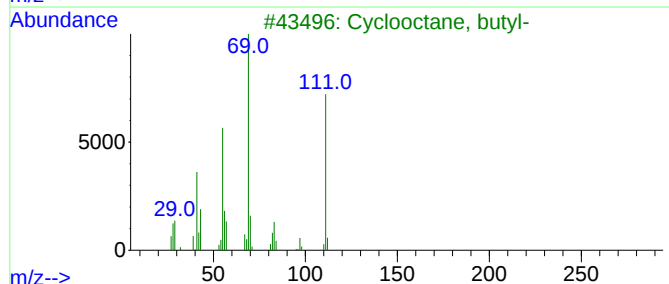
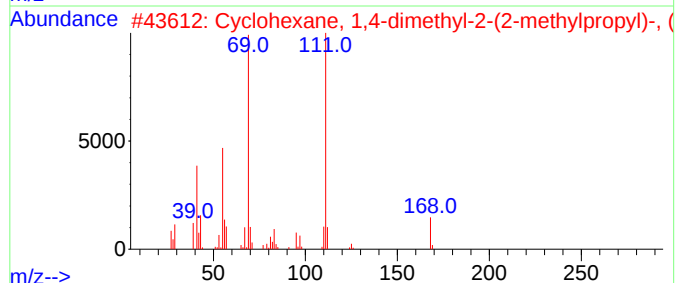
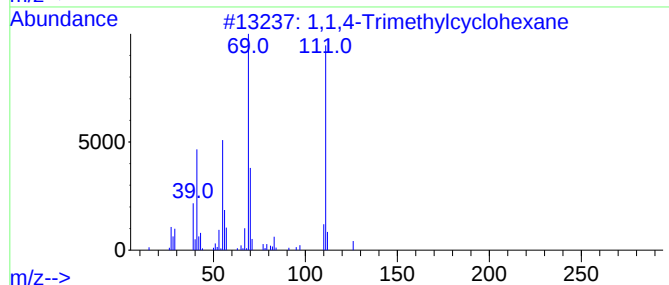
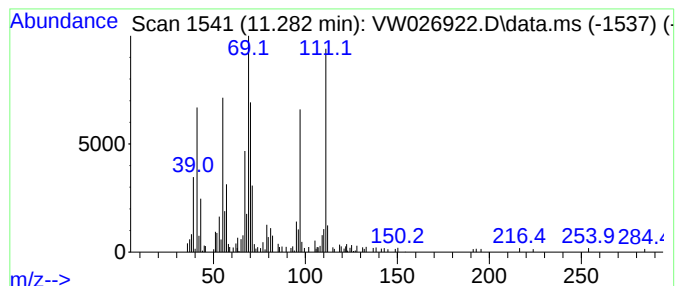
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic11.282 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.282	3.55 ug/L	86980	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	47
2			Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	47
3			Cyclooctane, butyl-	168	C12H24	016538-93-5	43
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	25
5			Isodecyl methacrylate	226	C14H26O2	029964-84-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

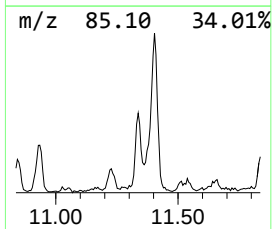
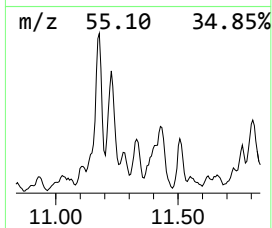
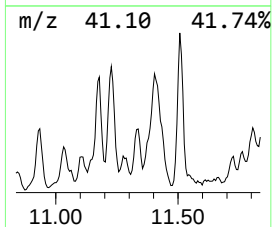
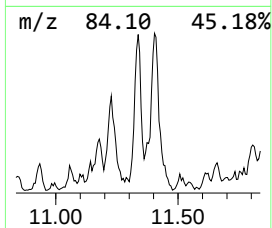
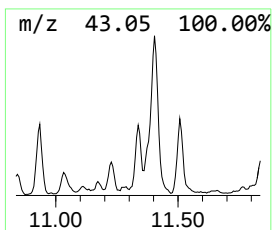
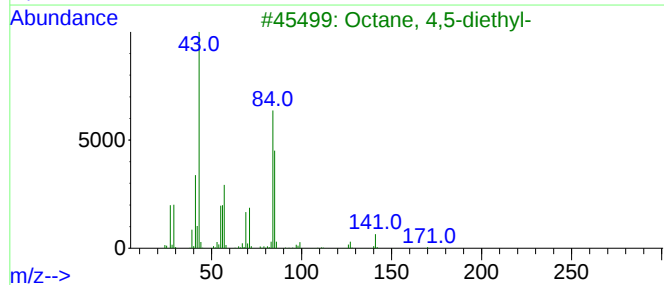
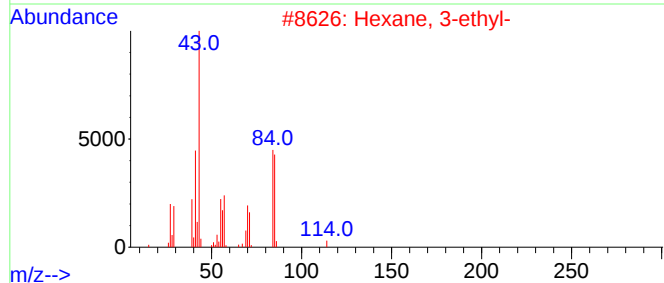
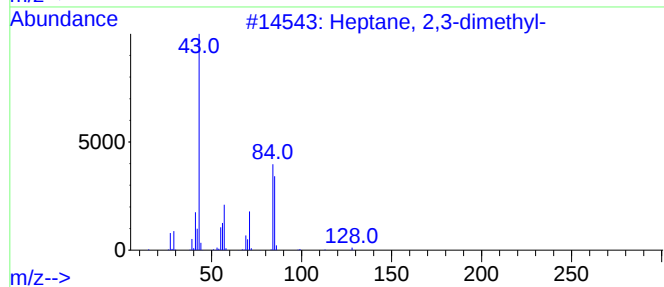
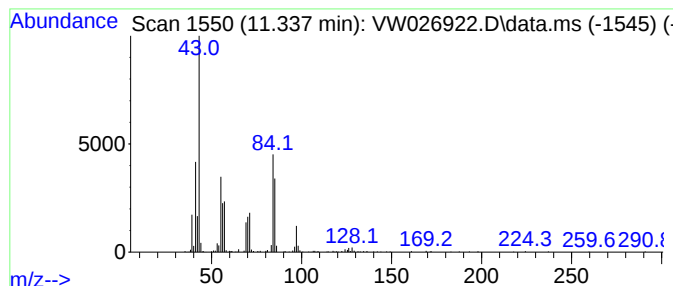
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	7.78 ug/L	190517	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
2			Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
3			Octane, 4,5-diethyl-	170	C12H26	001636-41-5	59
4			Octane, 4,5-diethyl-	170	C12H26	001636-41-5	56
5			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

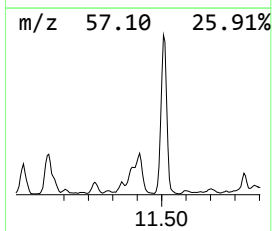
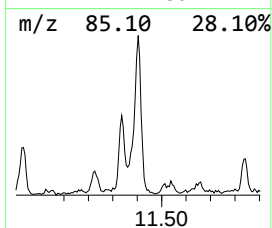
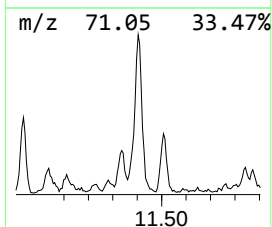
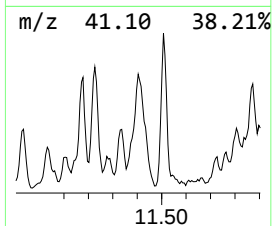
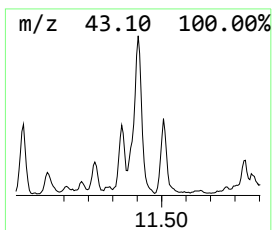
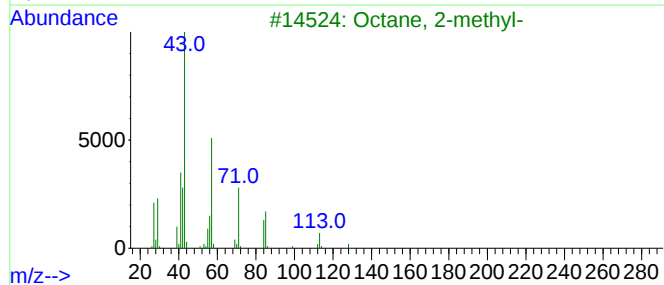
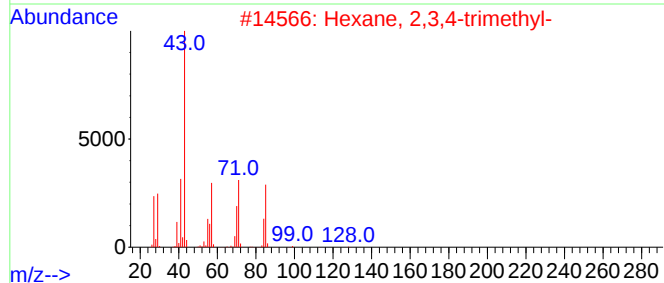
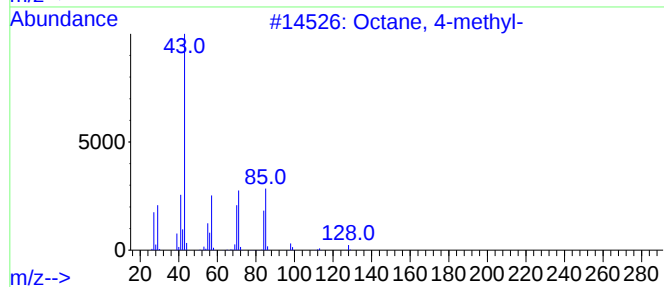
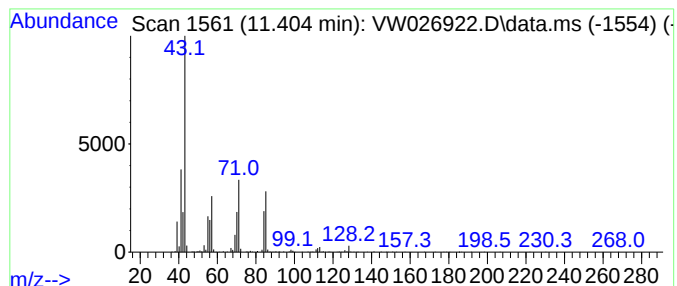
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.404	27.11 ug/L	664153	Chlorobenzene-d5			11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-			128	C9H20	002216-34-4	91
2	Hexane, 2,3,4-trimethyl-			128	C9H20	000921-47-1	72
3	Octane, 2-methyl-			128	C9H20	003221-61-2	64
4	Decane, 2,9-dimethyl-			170	C12H26	001002-17-1	59
5	Heptane, 2,3-dimethyl-			128	C9H20	003074-71-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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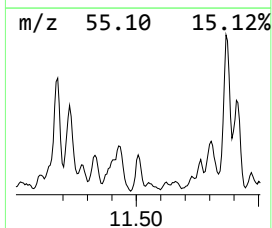
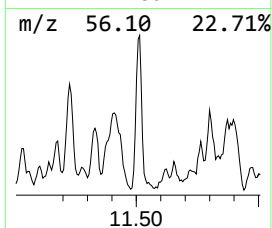
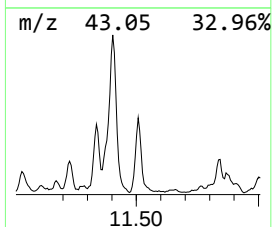
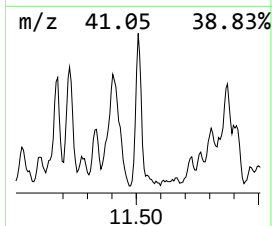
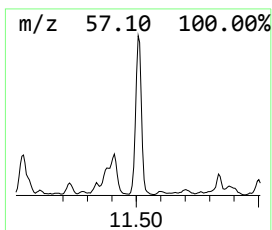
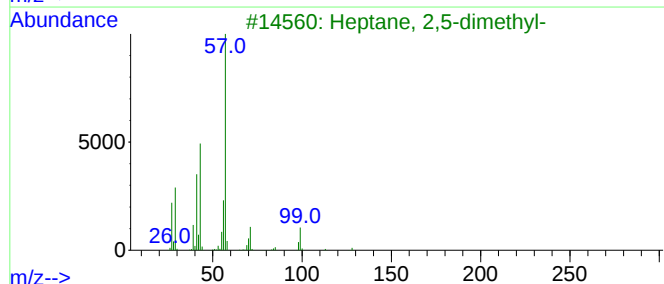
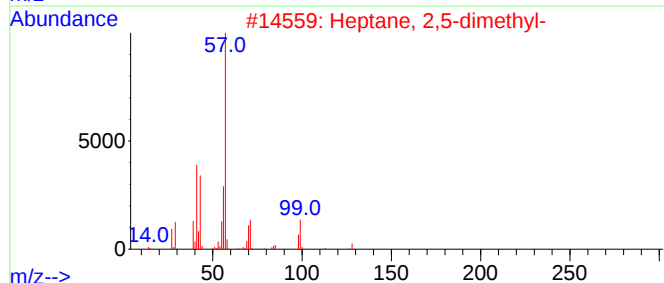
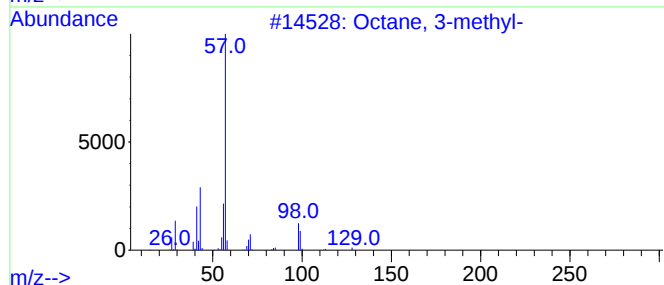
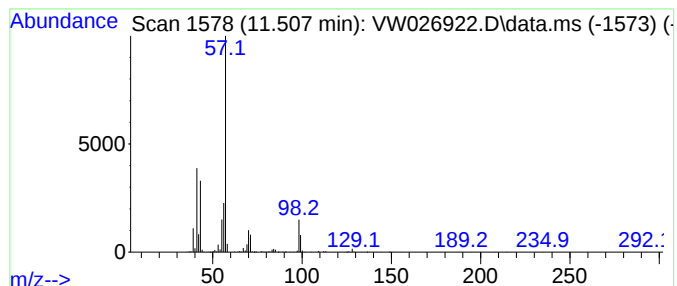
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	15.24 ug/L	373367	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	80
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
5		Octane, 3-methyl-	128	C9H20	002216-33-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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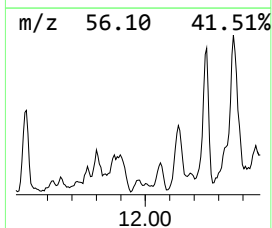
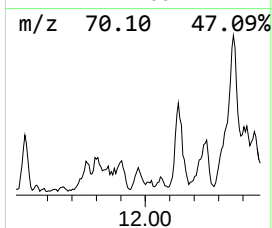
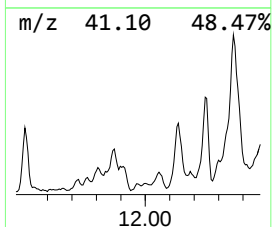
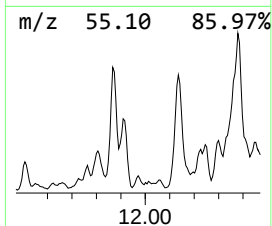
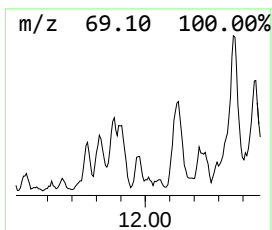
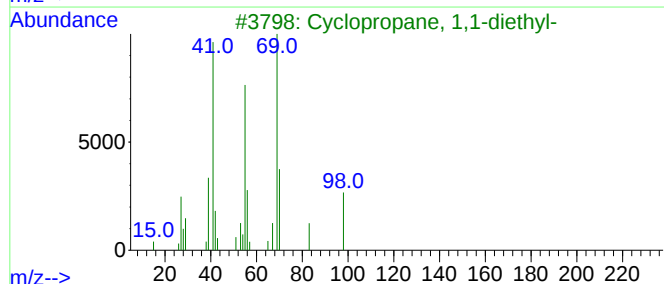
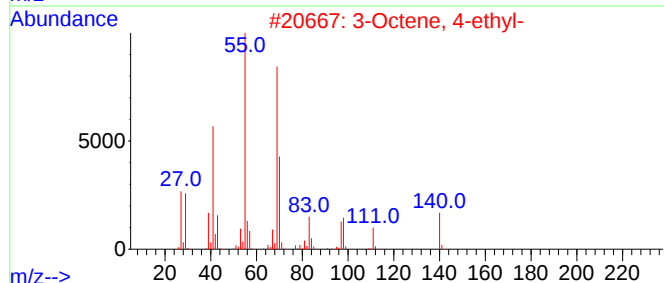
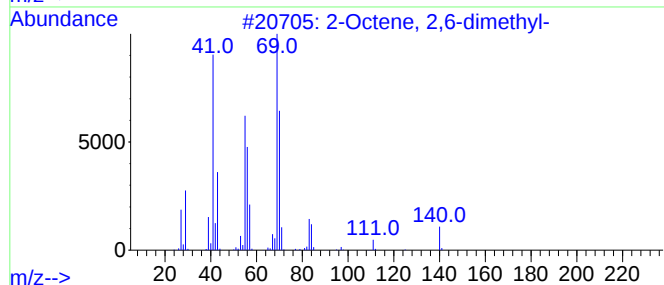
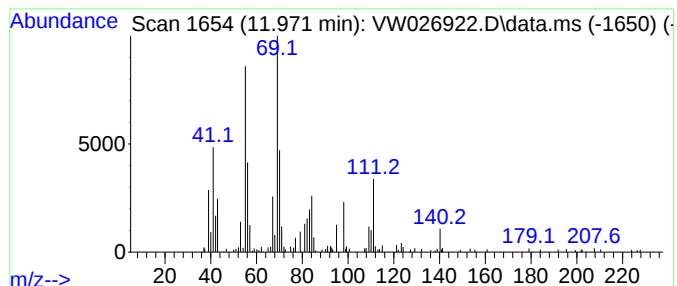
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.971	2.93 ug/L	71835	Chlorobenzene-d5		11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
2		3-Octene, 4-ethyl-	140	C10H20	053966-51-1	50
3		Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	47
4		Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	46
5		Pentane, 3-methylene-	84	C6H12	000760-21-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

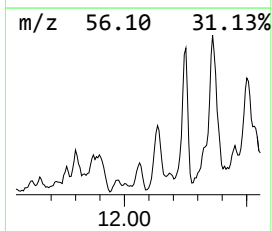
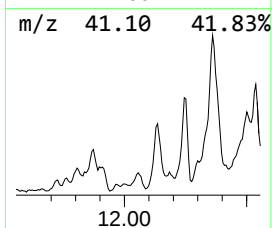
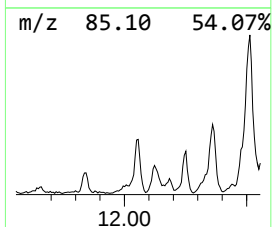
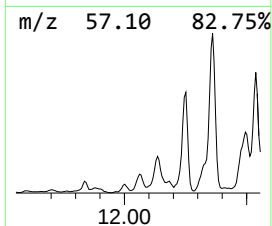
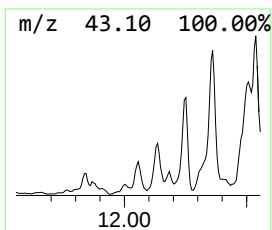
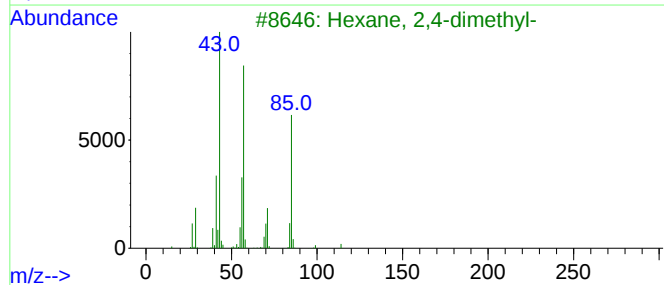
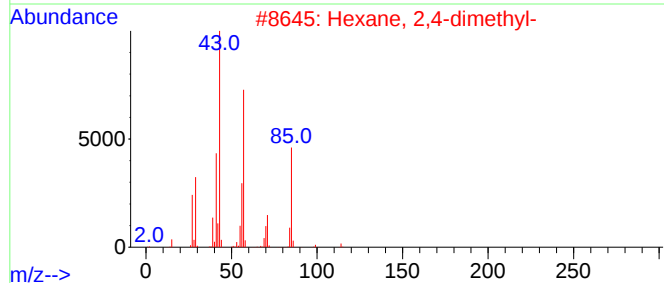
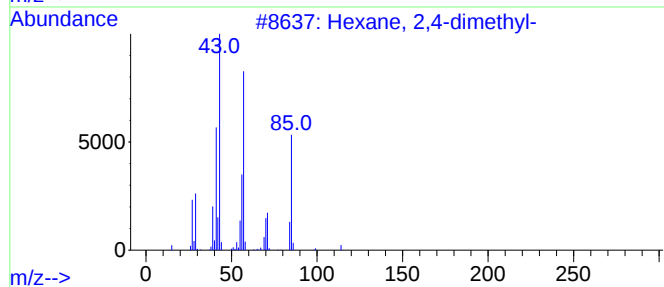
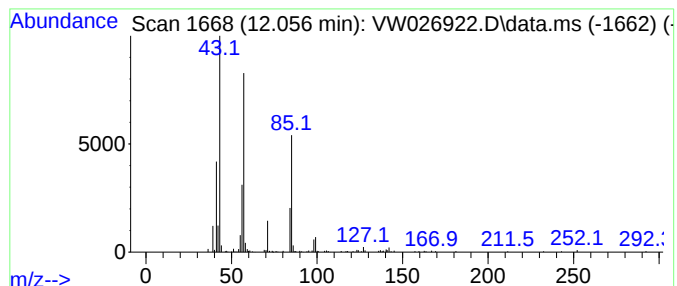
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	6.70 ug/L	164267	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	64
5			Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

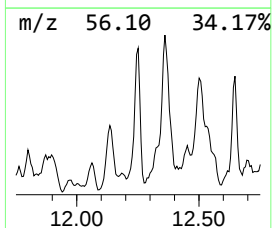
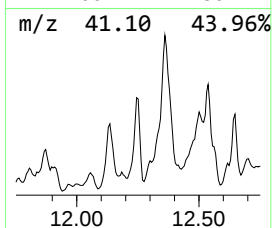
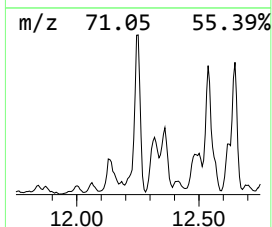
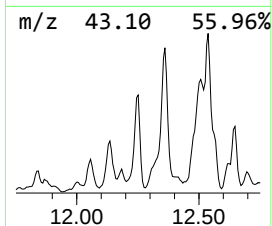
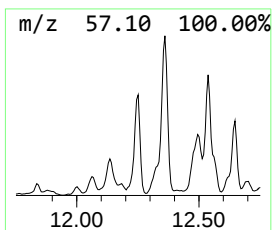
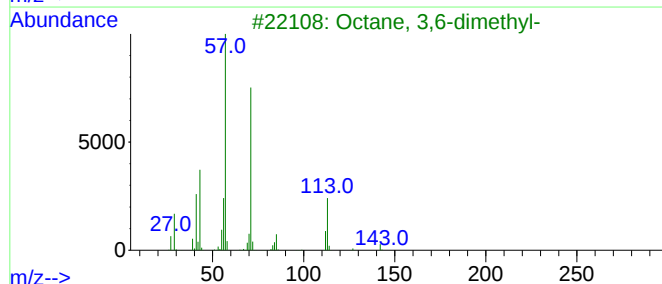
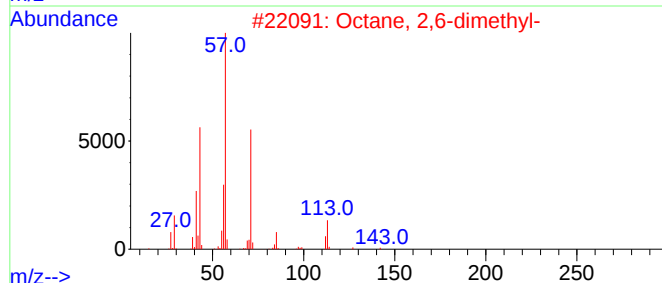
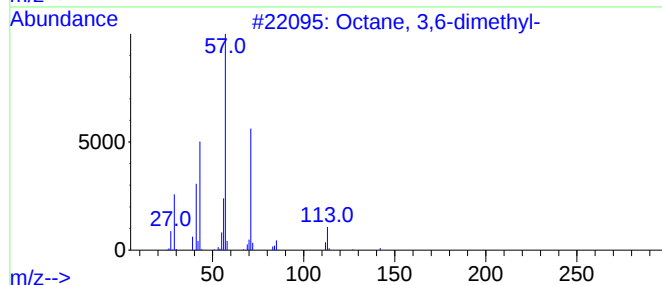
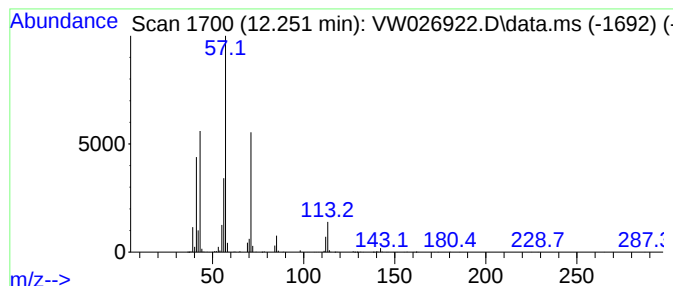
Instrument :
MSVOA_W
ClientSampleId :
EZYK4

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.251	25.48 ug/L	624326	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	90
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	86
3	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	83
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	78
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

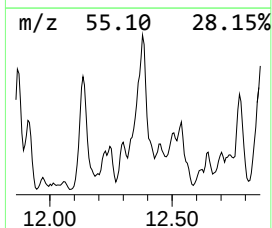
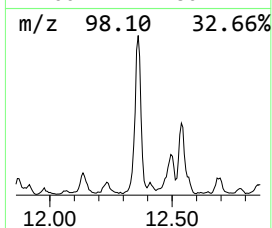
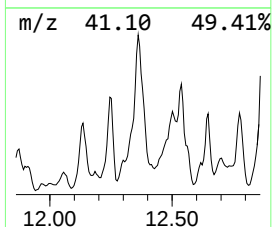
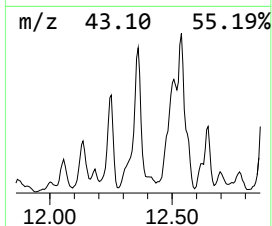
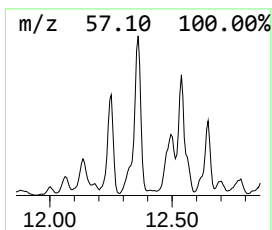
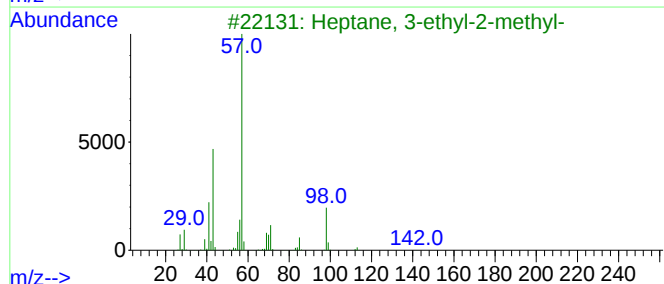
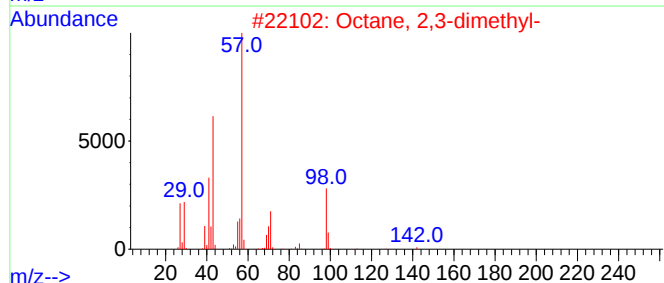
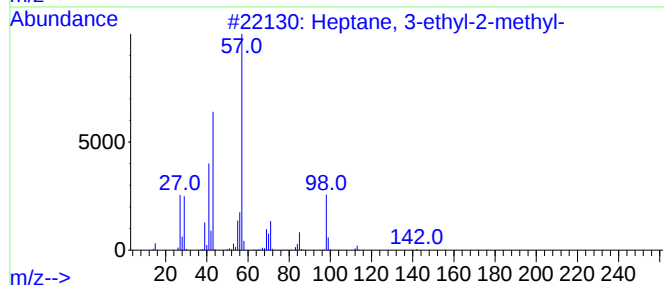
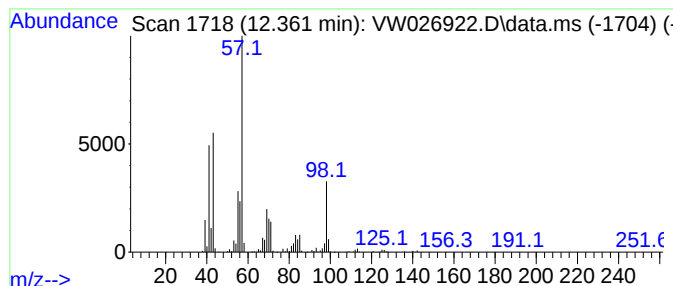
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	85.93 ug/L	2105440	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
5			3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

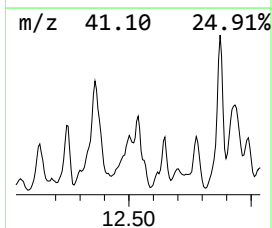
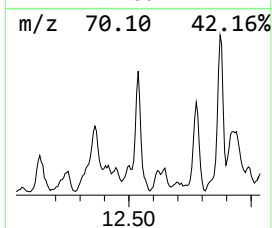
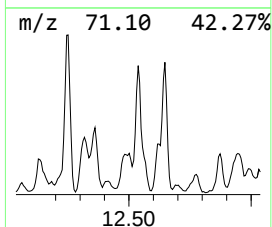
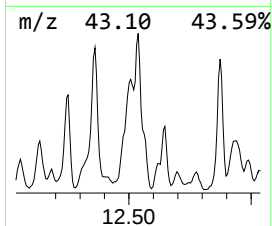
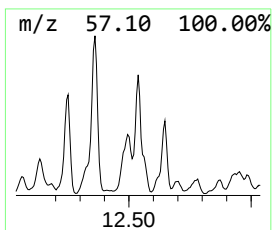
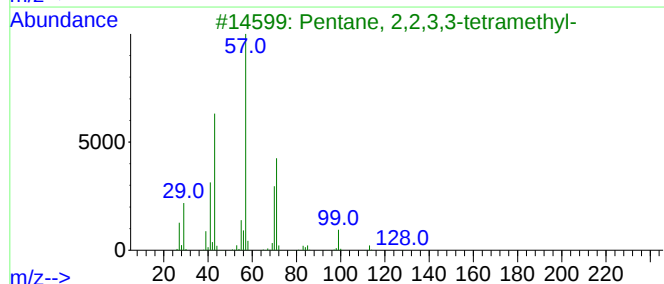
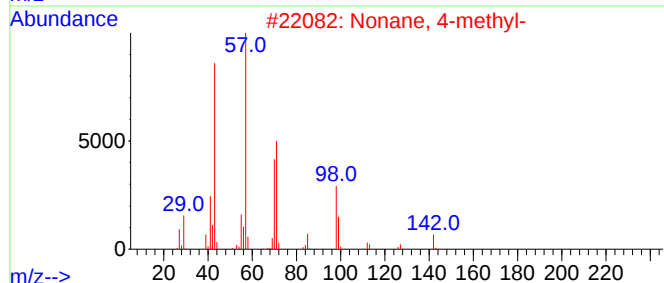
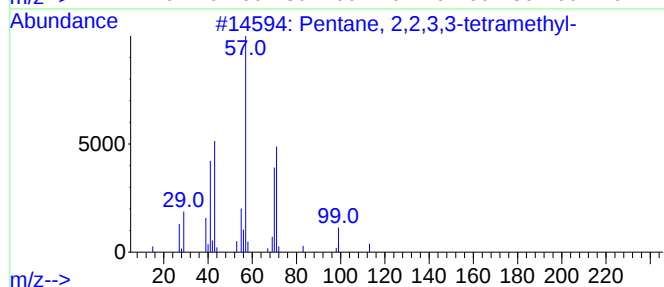
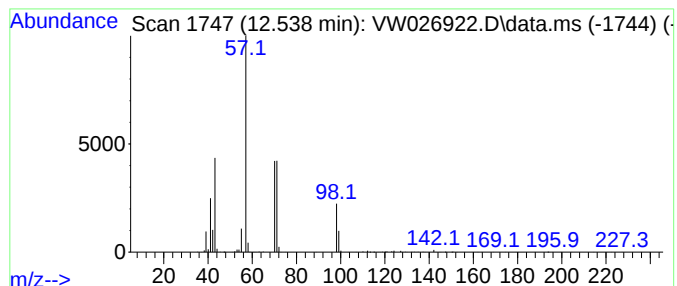
Instrument :
MSVOA_W
ClientSampleId :
EZYK4

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.538	37.11 ug/L	909269	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-		128	C9H20	007154-79-2	72
2	Nonane, 4-methyl-		142	C10H22	017301-94-9	64
3	Pentane, 2,2,3,3-tetramethyl-		128	C9H20	007154-79-2	64
4	Heptane, 2,3,4-trimethyl-		142	C10H22	052896-95-4	56
5	Nonane, 4-methyl-		142	C10H22	017301-94-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

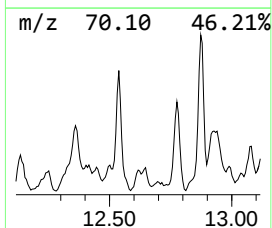
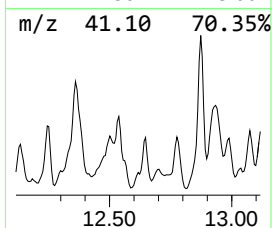
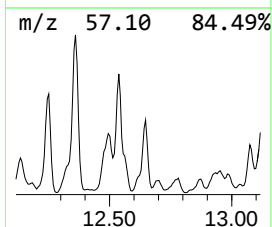
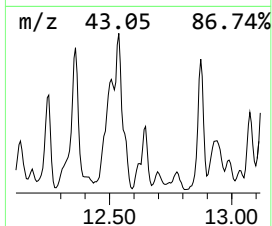
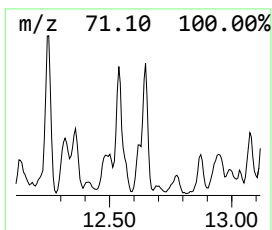
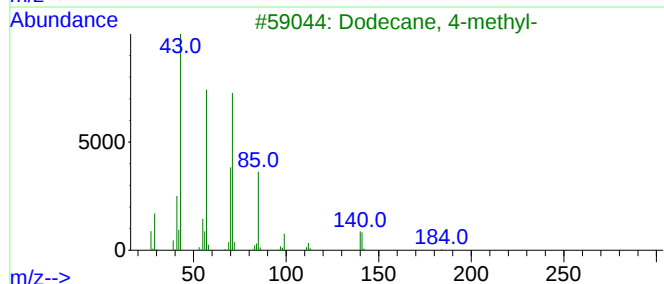
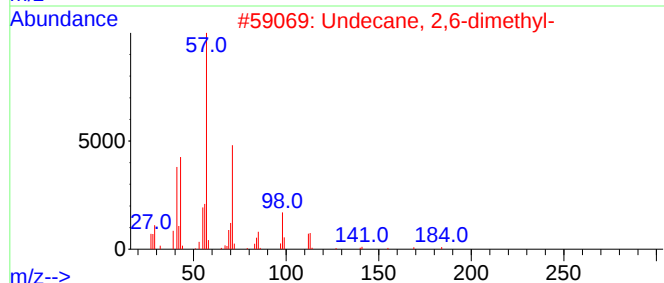
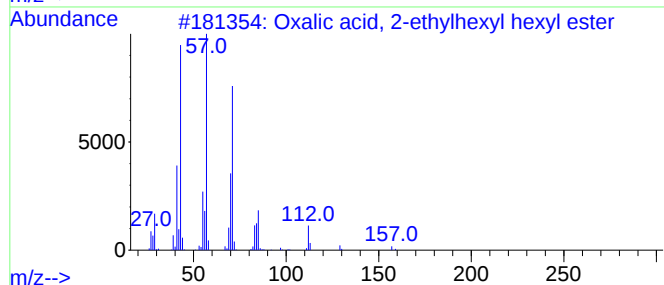
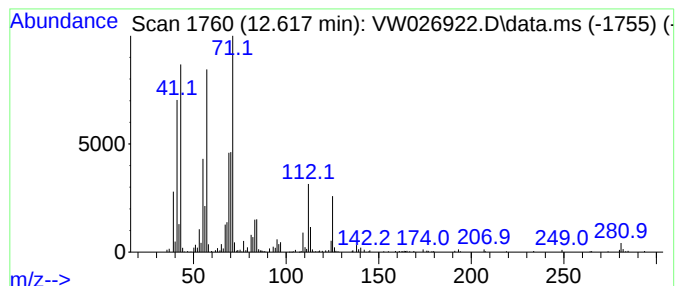
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Oxalic acid, 2-ethylhexyl h... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.617	14.55 ug/L	185187	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	72
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	47
4			Oxalic acid, octyl propyl ester	244	C13H24O4	1010309-26-1	47
5			Methoxyacetic acid, 2-octyl ester	202	C11H22O3	1000282-69-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

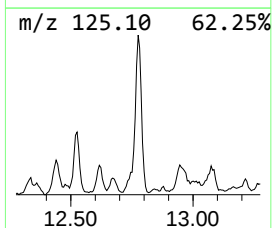
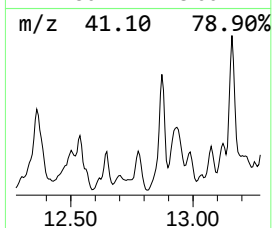
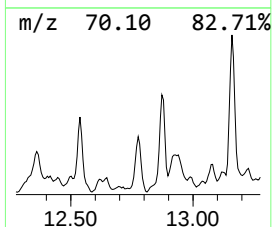
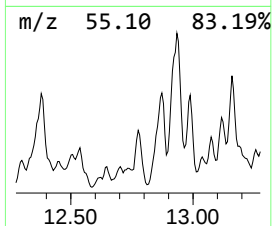
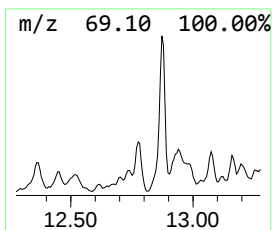
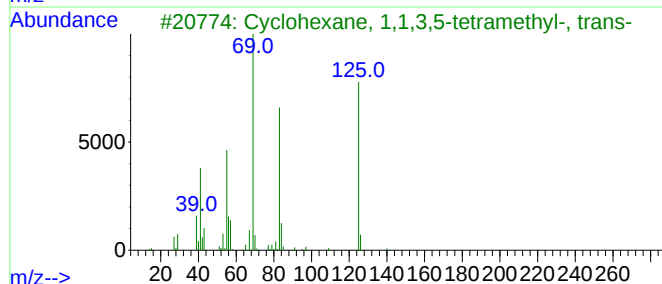
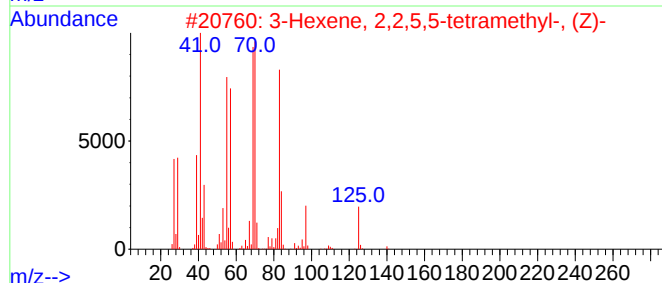
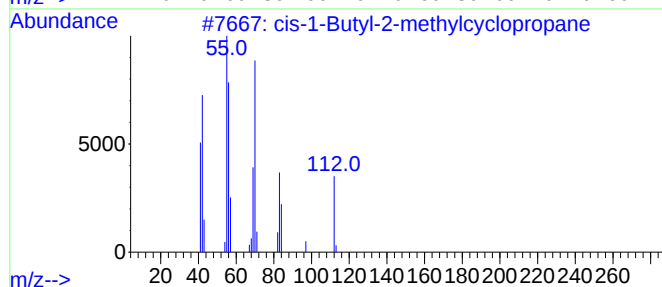
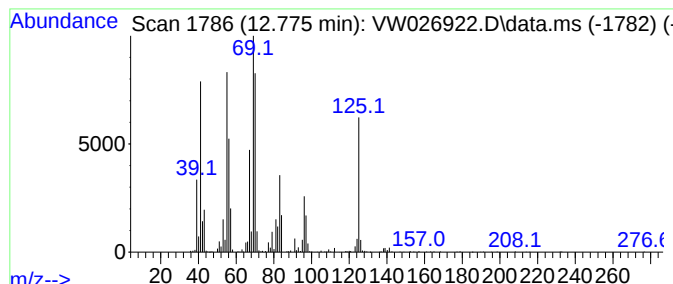
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Cyclic12.775 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	52.50 ug/L	668089	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50
2			3-Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	49
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	46
4			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EZYK4

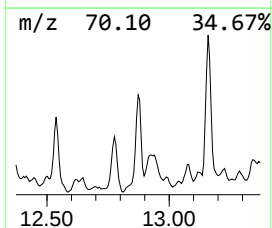
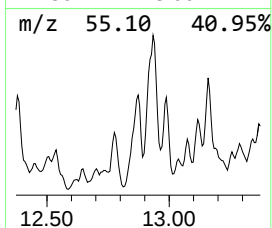
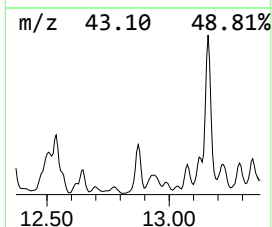
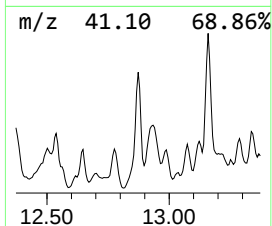
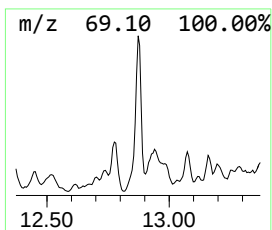
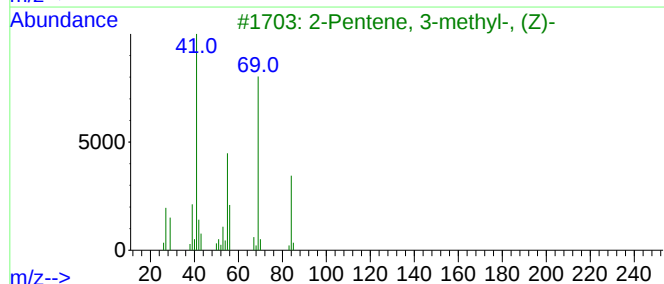
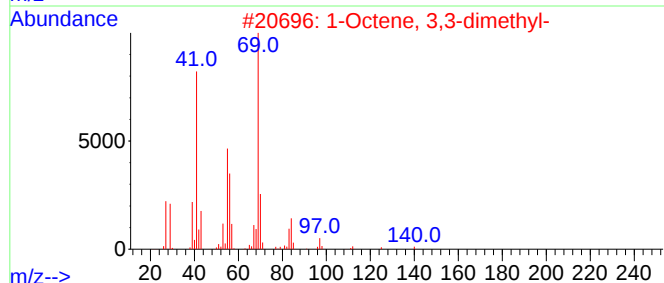
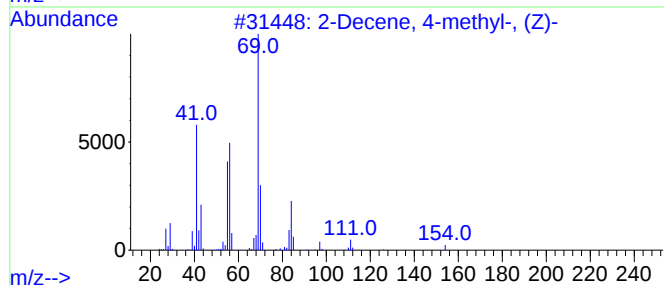
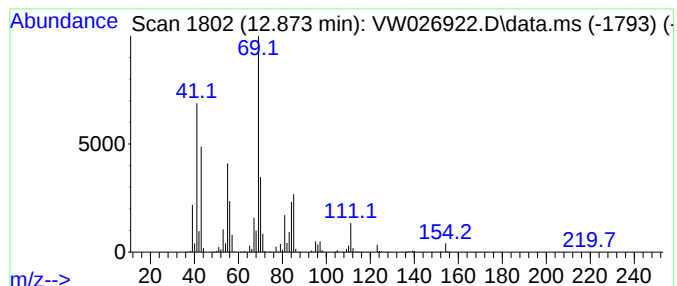
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	123.52 ug/L	1571790	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-		154	C11H22	074630-30-1	62
2	1-Octene, 3,3-dimethyl-		140	C10H20	074511-51-6	58
3	2-Pentene, 3-methyl-, (Z)-		84	C6H12	000922-62-3	52
4	2-Pentene, 3-methyl-, (Z)-		84	C6H12	000922-62-3	50
5	Cyclopropane, (1,2-dimethylpropyl)-		112	C8H16	006976-27-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

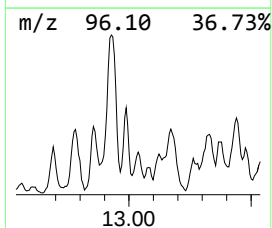
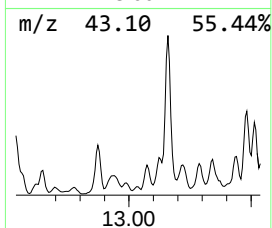
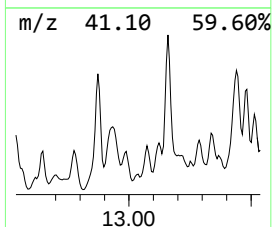
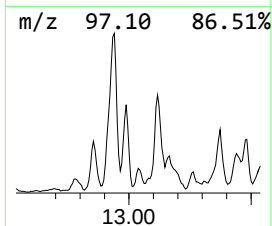
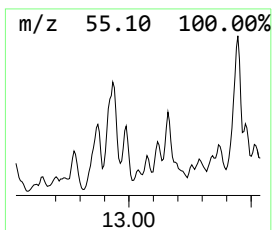
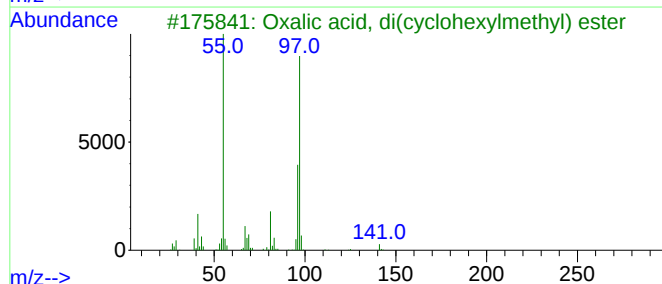
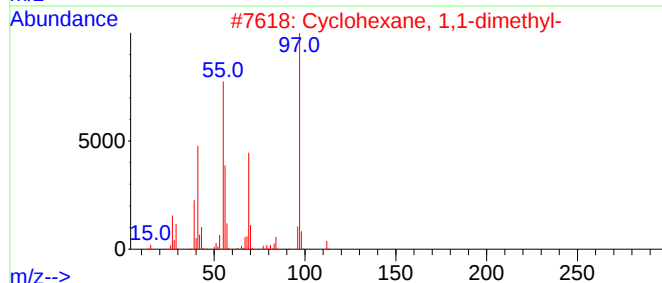
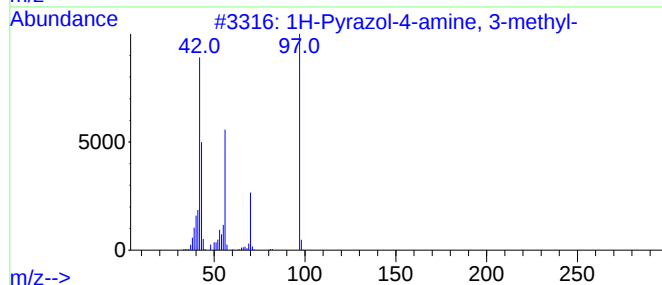
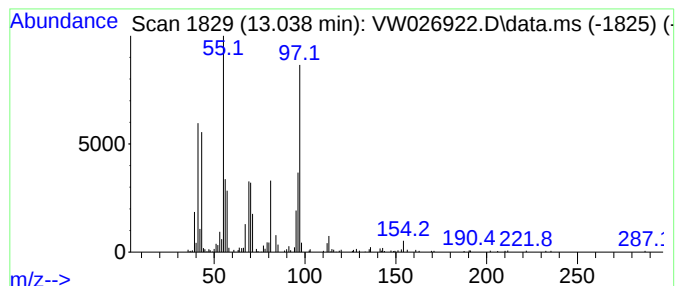
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 1H-Pyrazol-4-amine, 3-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	6.24 ug/L	79413	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1010338-28-2	60
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
3			Oxalic acid, di(cyclohexylmethyl)...	282	C16H26O4	1000309-68-5	50
4			2-Thiopheneacetic acid, decyl ester	282	C16H26O2S	1000278-91-5	35
5			4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

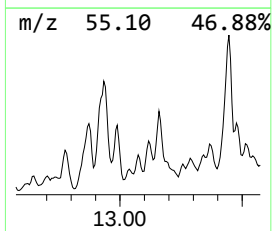
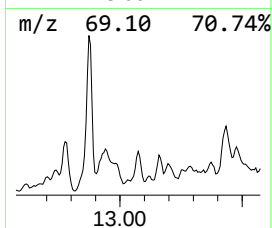
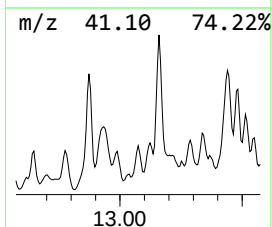
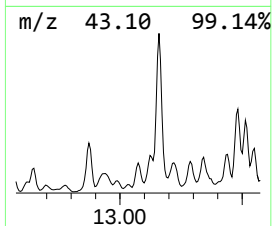
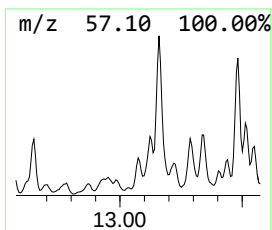
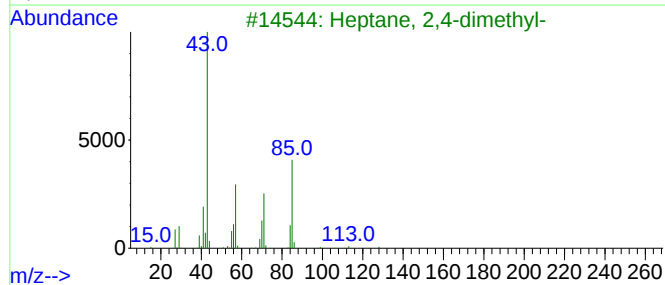
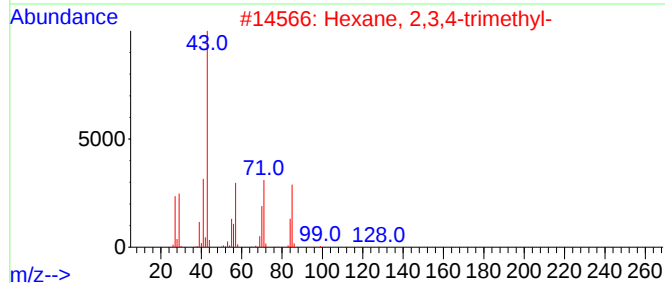
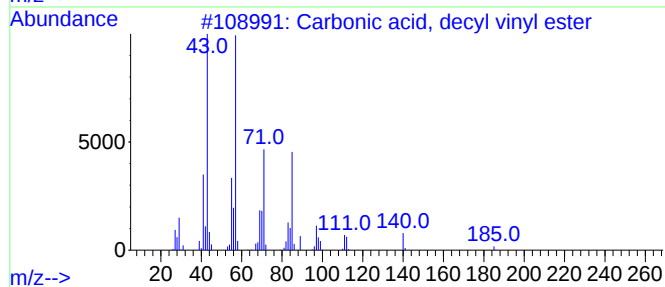
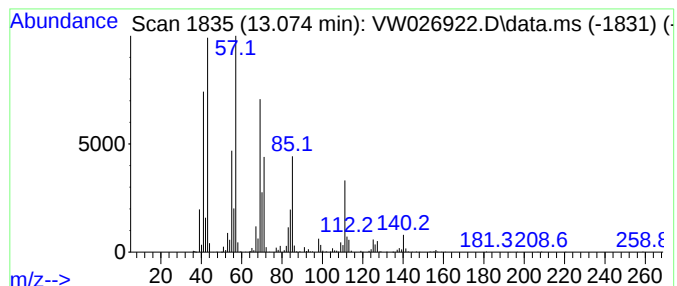
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Carbonic acid, decyl vinyl ... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	31.52 ug/L	401106	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	64
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4			Dodecane, 5-methyl-	184	C13H28	017453-93-9	53
5			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

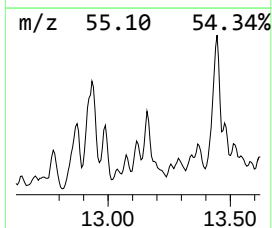
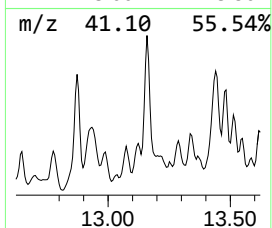
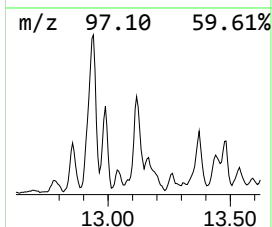
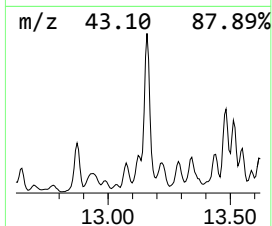
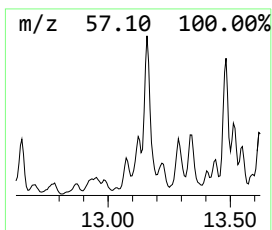
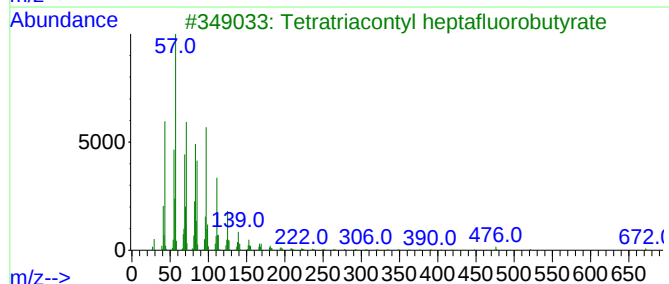
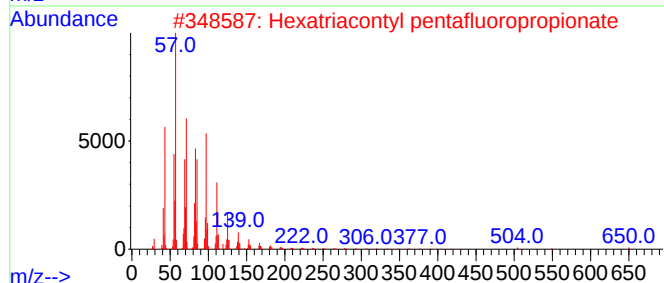
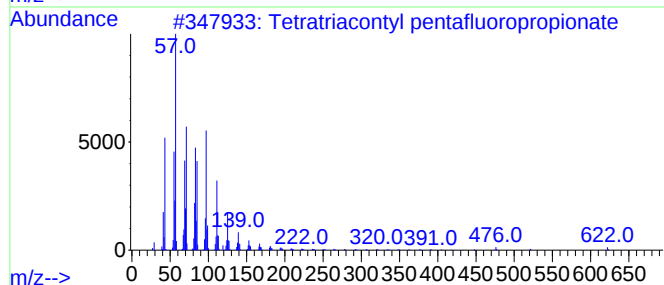
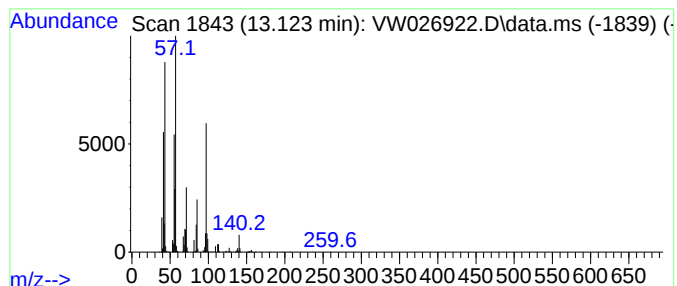
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Tetratriacontyl pentafluoro... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	27.22 ug/L	346309	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontyl pentafluoropropi...	641	C37H69F502	1000351-81-5	50
2			Hexatriacontyl pentafluoropropio...	669	C39H73F502	1000351-89-0	50
3			Tetratriacontyl heptafluorobutyrate	691	C38H69F702	1000351-84-1	50
4			Tridecane, 3-methyl-	198	C14H30	006418-41-3	43
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

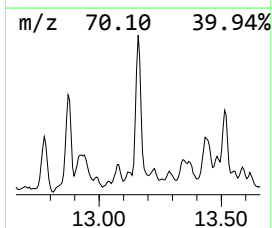
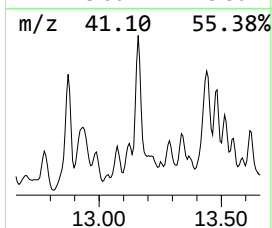
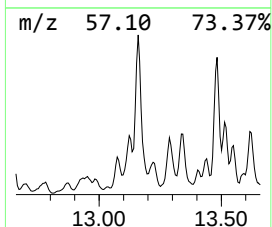
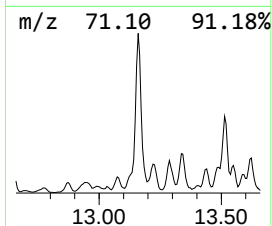
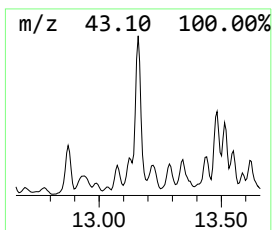
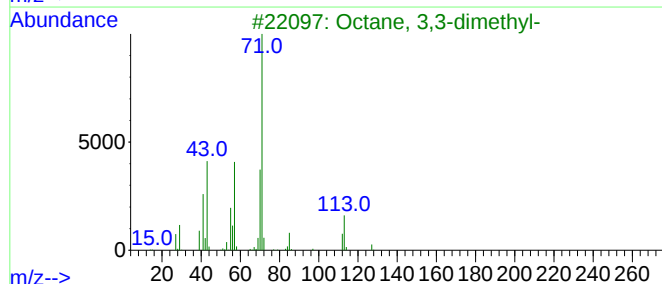
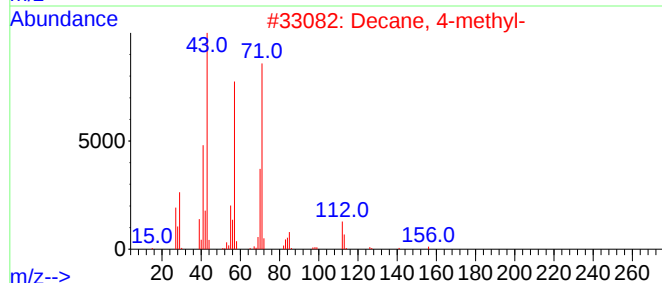
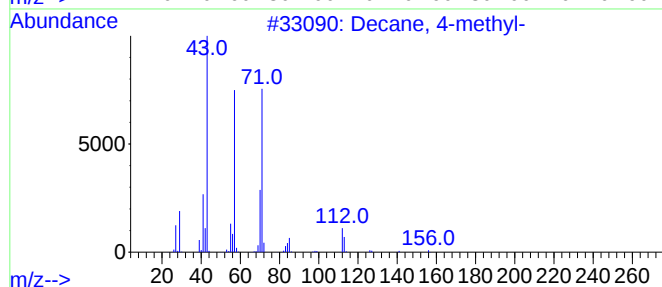
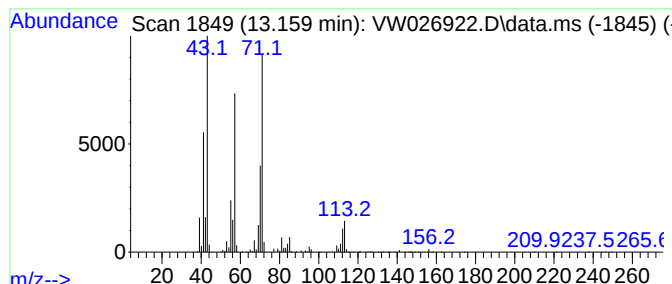
Instrument :
MSVOA_W
ClientSampleId :
EZYK4

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.159	115.83 ug/L	1473910	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	90
2	Decane, 4-methyl-		156	C11H24	002847-72-5	90
3	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	80
4	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	78
5	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

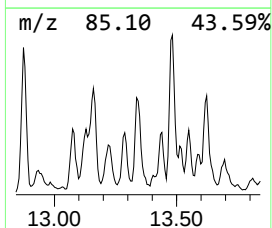
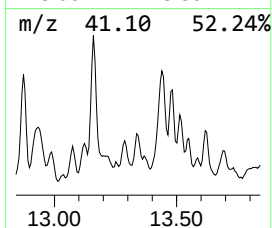
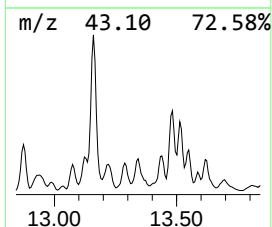
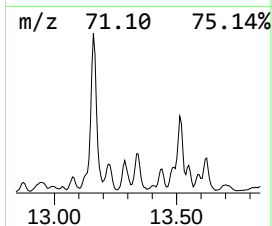
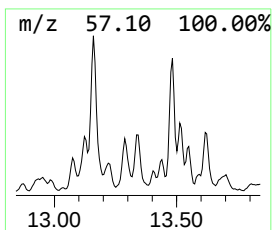
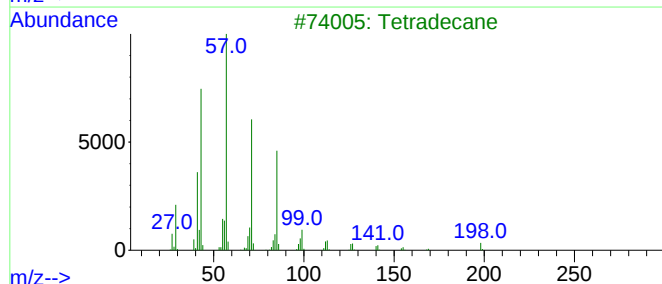
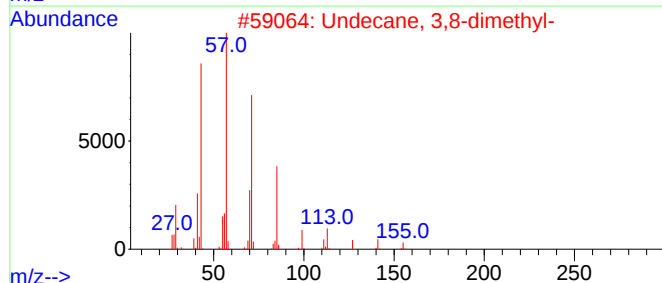
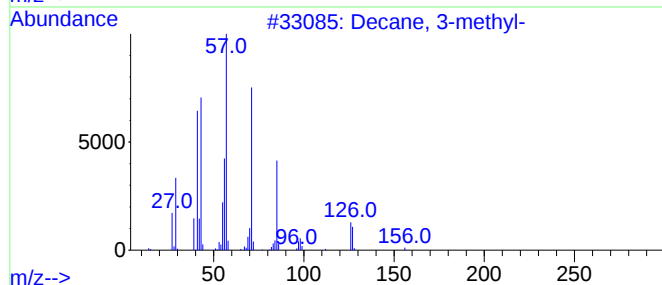
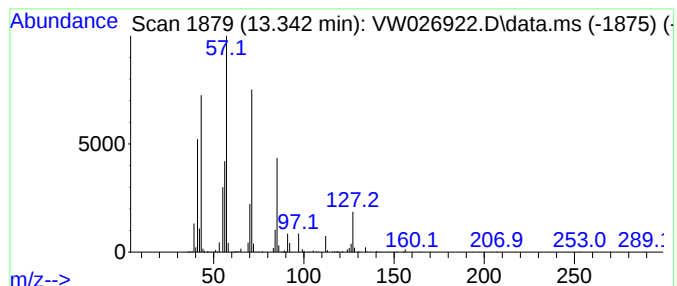
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	30.89 ug/L	393105	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	86
2		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	59
3		Tetradecane	198	C14H30	000629-59-4	59
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	53
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

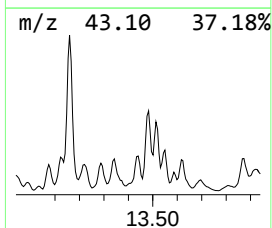
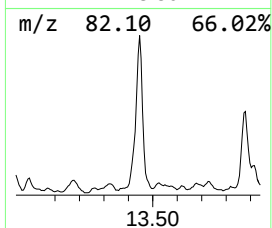
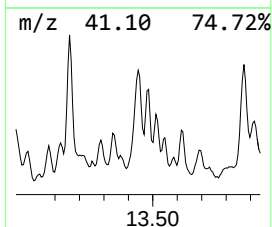
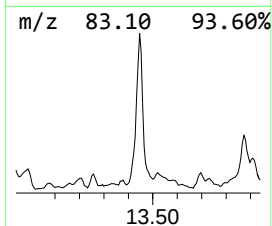
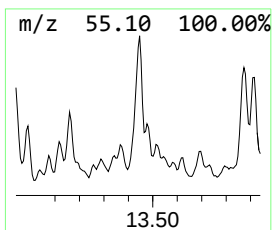
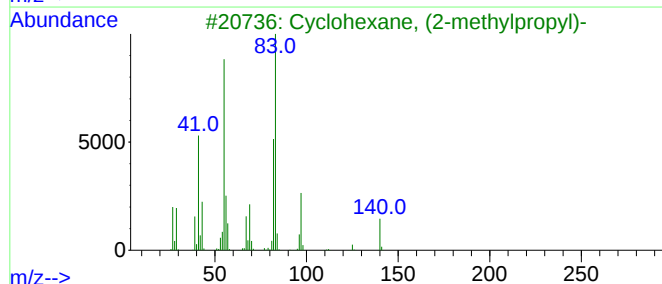
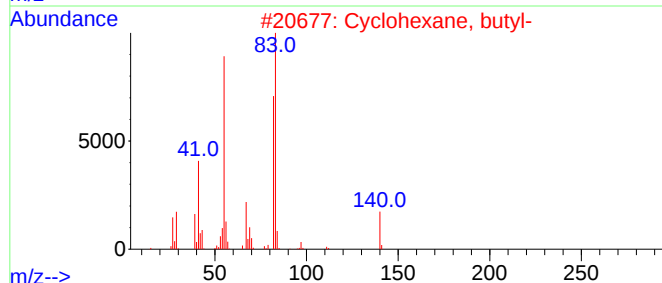
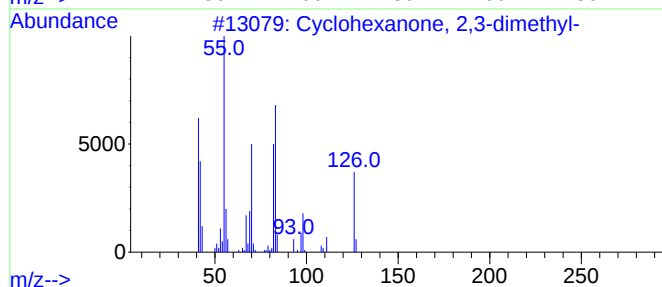
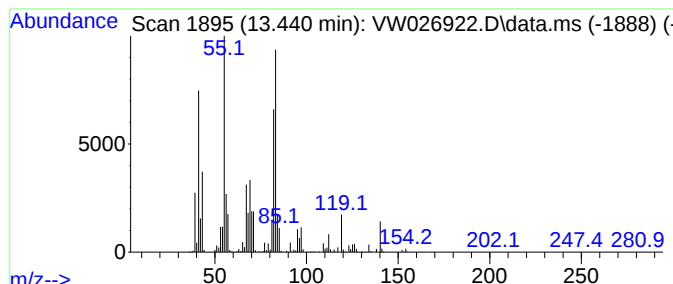
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 Cyclohexanone, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	143.30 ug/L	1823440	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	72
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
4			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	60
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

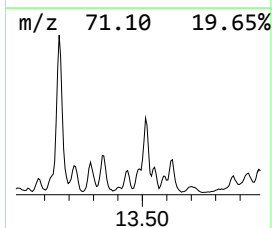
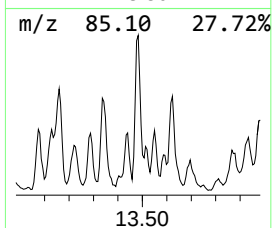
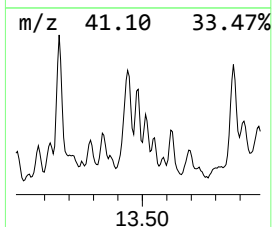
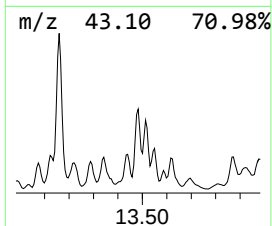
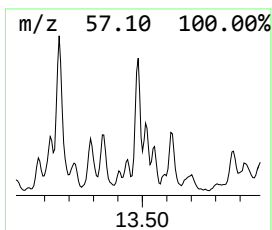
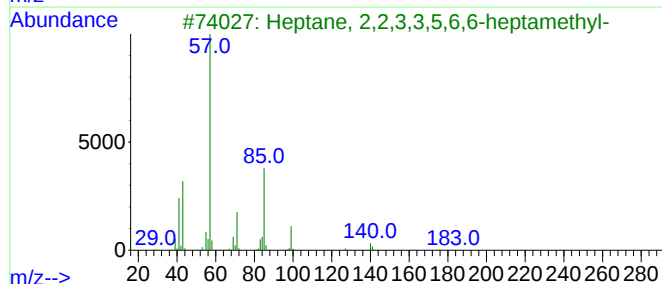
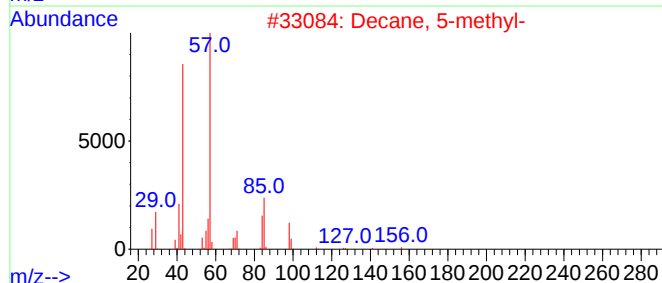
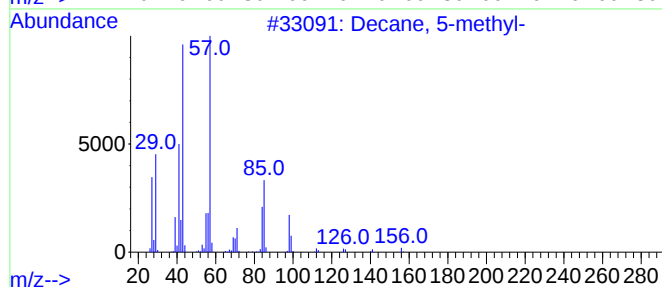
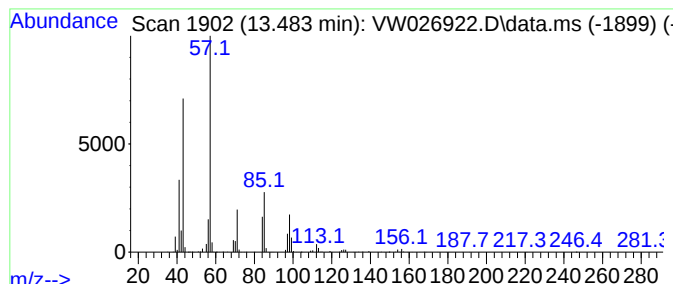
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.483	72.68 ug/L	924872	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	81
2			Decane, 5-methyl-	156	C11H24	013151-35-4	68
3			Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	53
4			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	53
5			2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

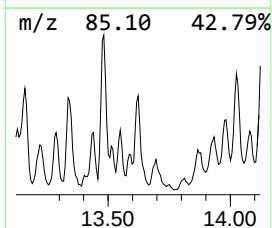
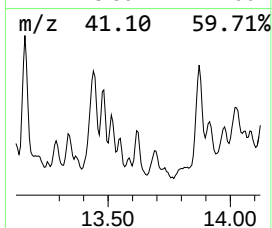
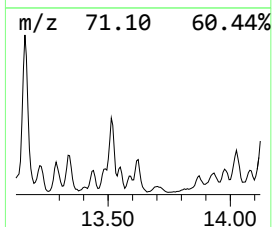
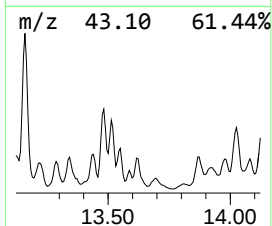
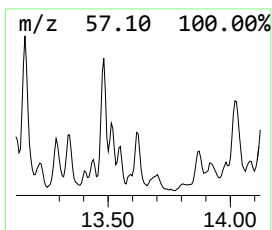
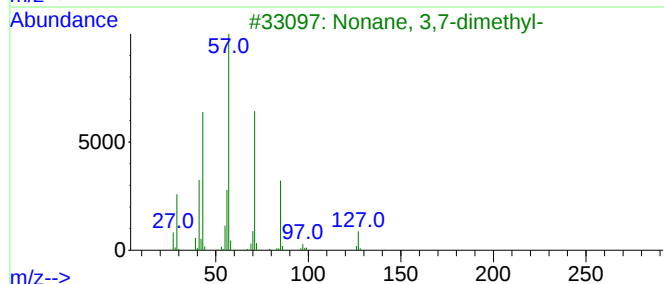
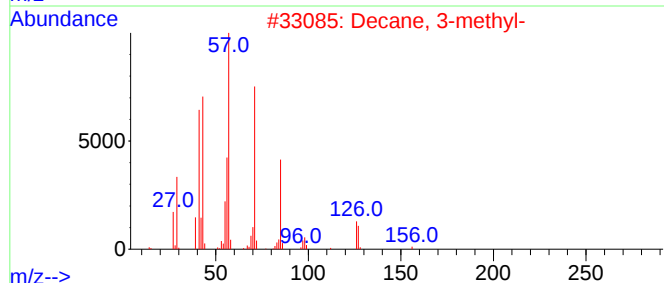
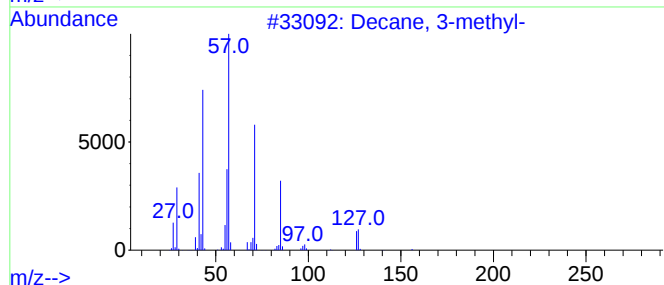
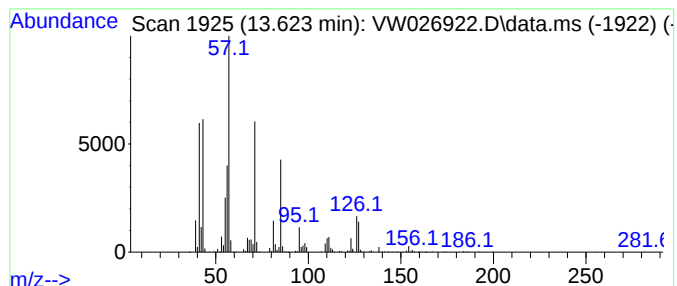
Instrument :
MSVOA_W
ClientSampleId :
EZYK4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.623	33.39 ug/L	424842	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	90
2	Decane, 3-methyl-		156	C11H24	013151-34-3	90
3	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	53
4	Octane, 3-ethyl-2,7-dimethyl-		170	C12H26	062183-55-5	50
5	Dodecane, 2-methyl-		184	C13H28	001560-97-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

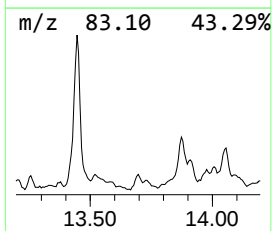
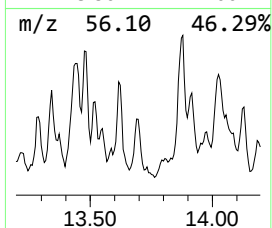
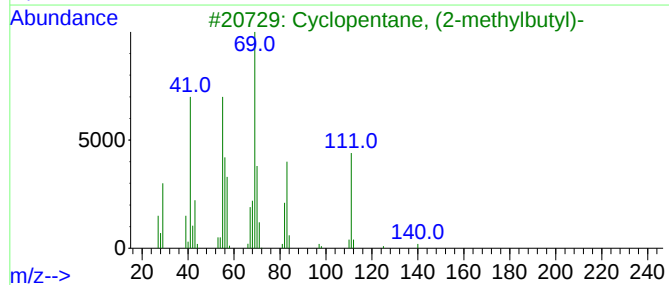
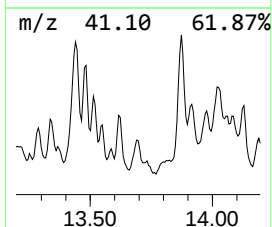
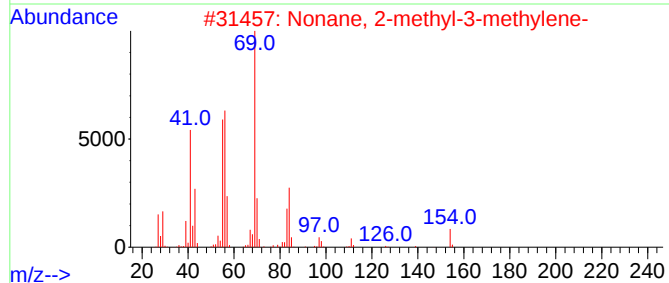
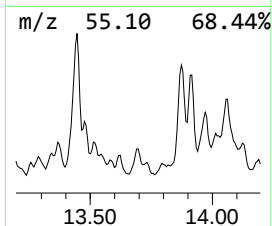
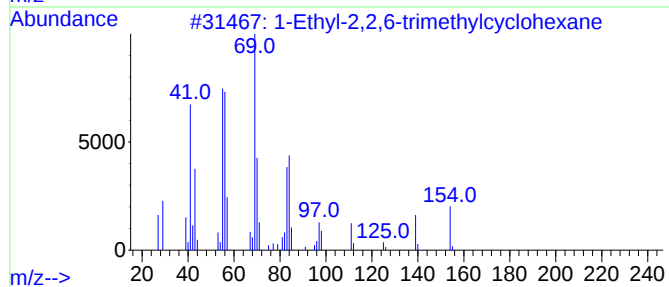
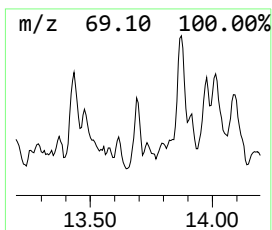
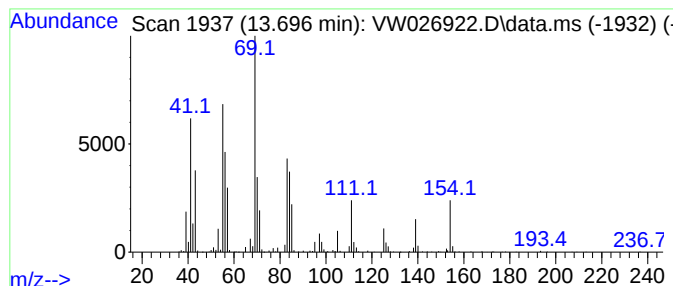
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Cyclic13.696 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	30.03 ug/L	382169	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	80
2			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	50
3			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
4			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	45
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

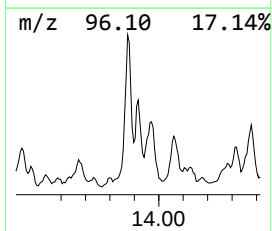
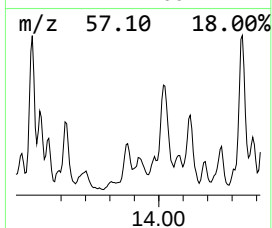
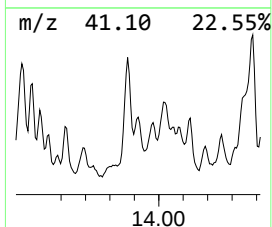
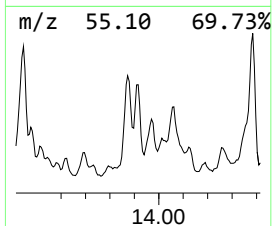
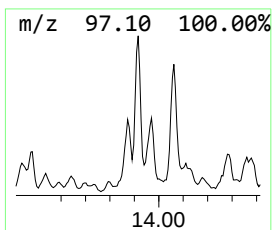
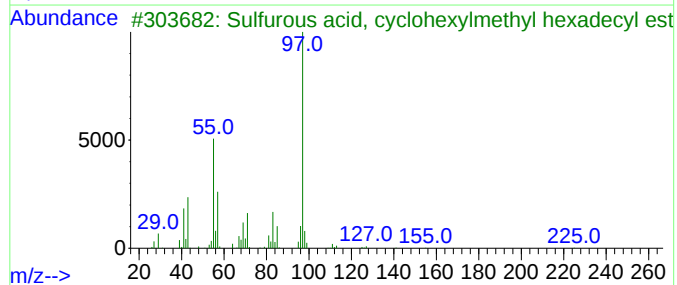
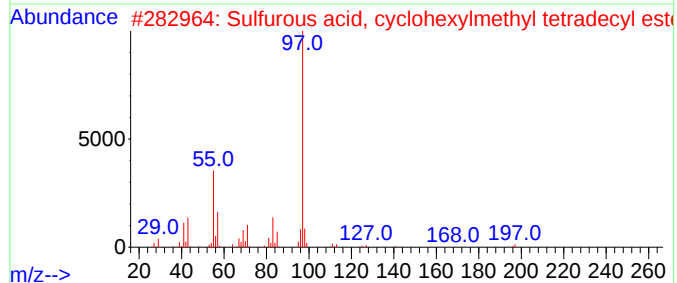
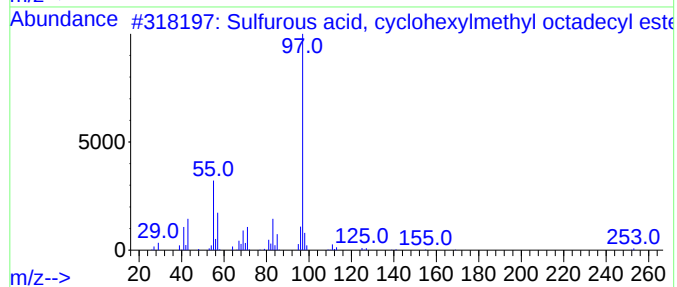
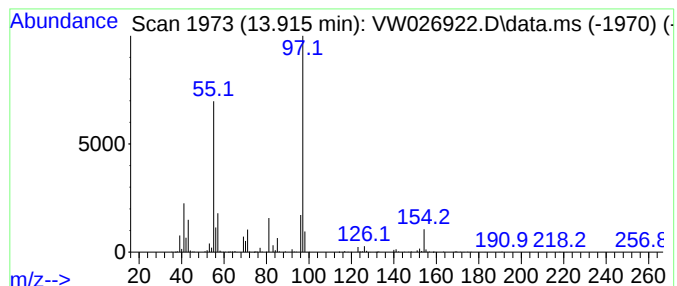
Instrument :
MSVOA_W
ClientSampleId :
EZYK4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Sulfurous acid, cyclohexylm... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.915	74.93 ug/L	953497	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...		430	C25H50O3S	1000309-22-6	72
2	Sulfurous acid, cyclohexylmethyl...		374	C21H42O3S	1000309-22-2	64
3	Sulfurous acid, cyclohexylmethyl...		402	C23H46O3S	1000309-22-4	64
4	Sulfurous acid, cyclohexylmethyl...		360	C20H40O3S	1000309-22-1	64
5	cis-1-Ethyl-3-methyl-cyclohexane		126	C9H18	019489-10-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

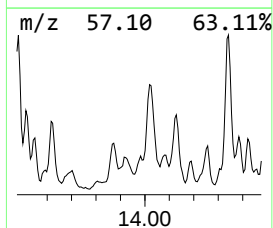
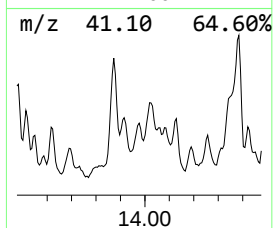
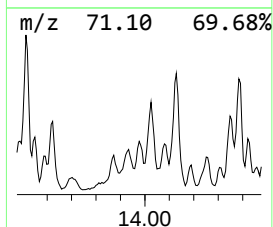
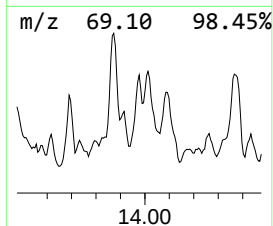
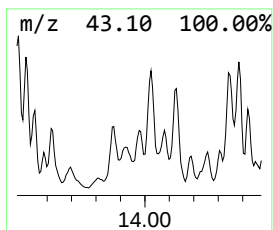
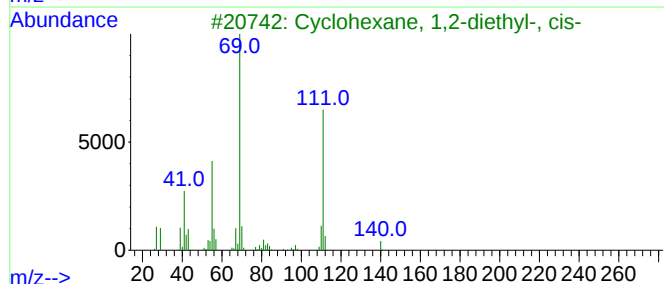
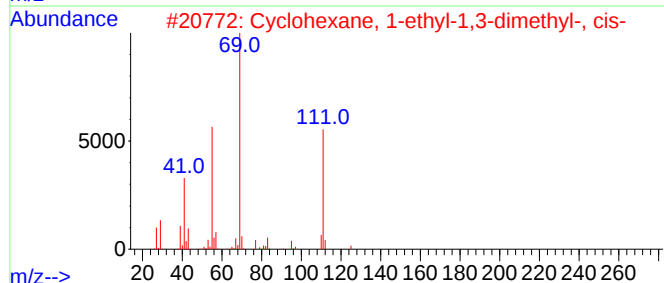
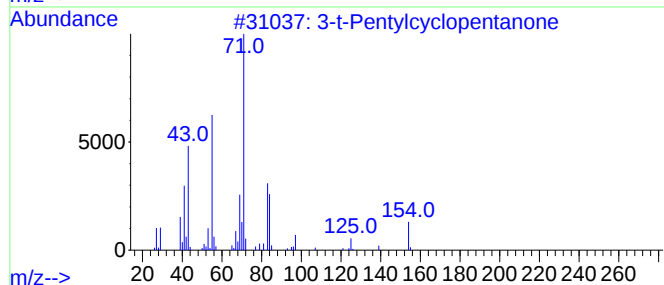
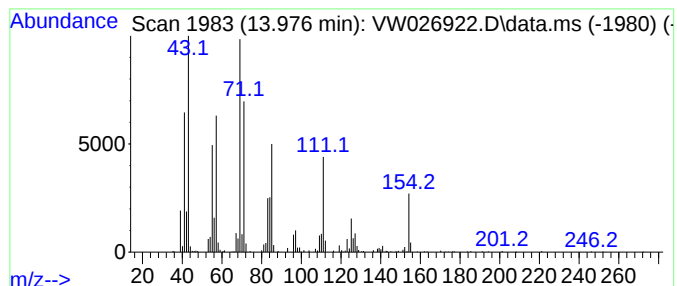
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	57.72 ug/L	734469	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-t-Pentylcyclopentanone	154	C10H18O	1000114-66-3	42
2		Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	35
3		Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	27
4		2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	25
5		Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

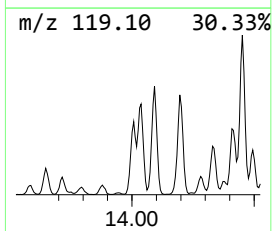
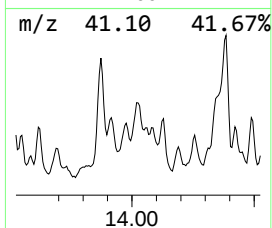
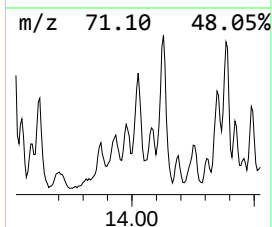
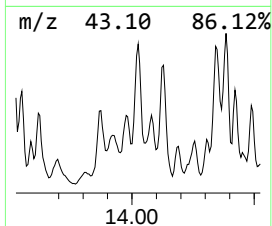
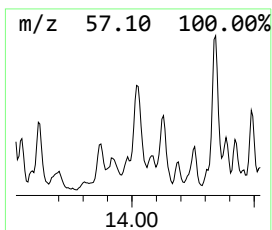
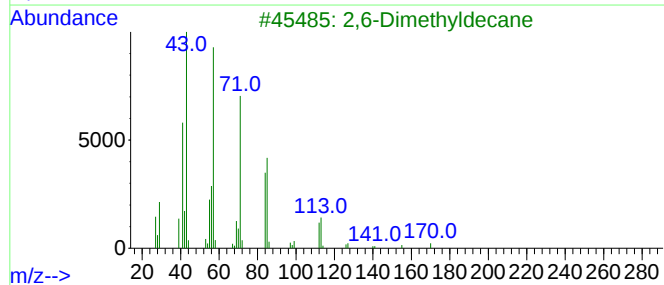
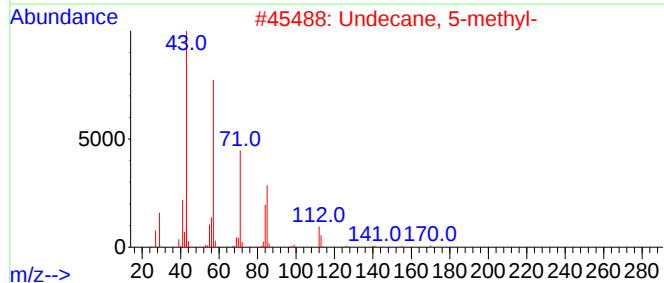
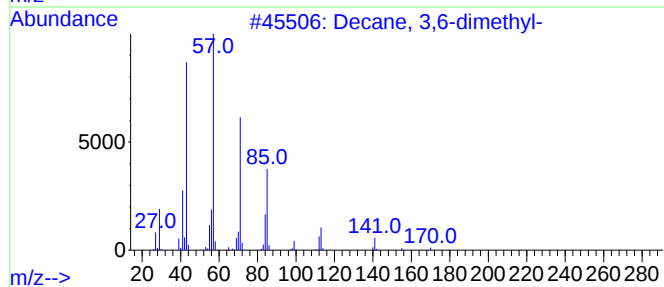
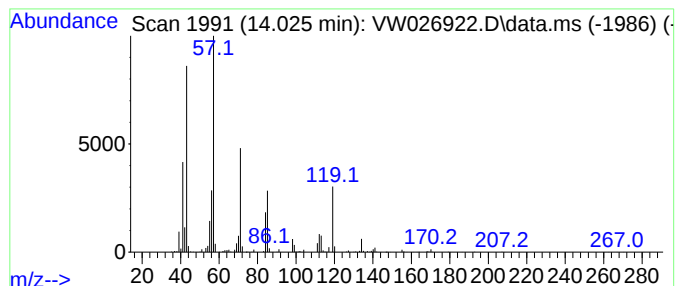
Instrument :
MSVOA_W
ClientSampleId :
EZYK4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.025	183.75 ug/L	2338220	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	70
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	70
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	62
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

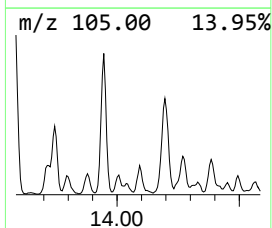
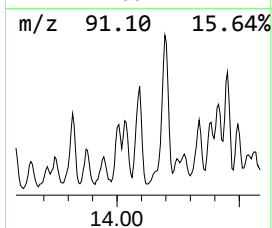
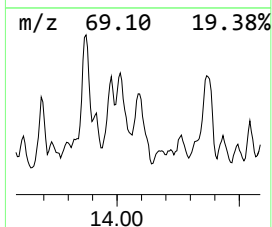
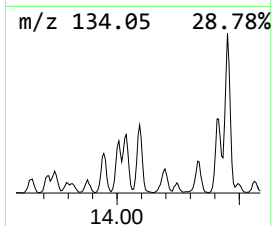
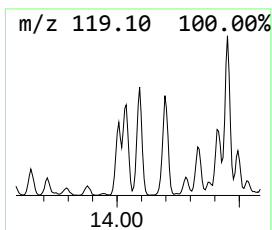
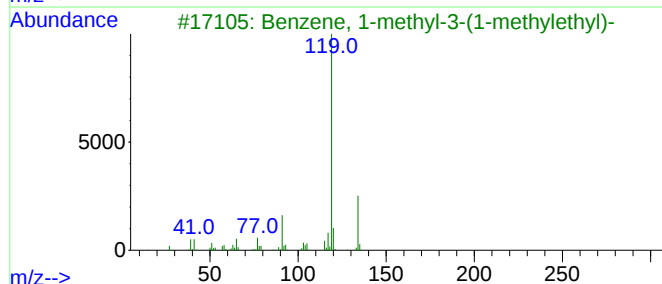
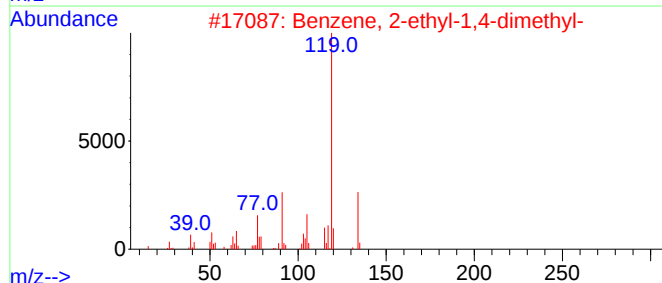
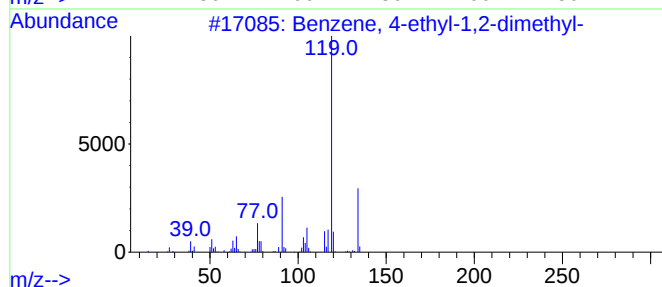
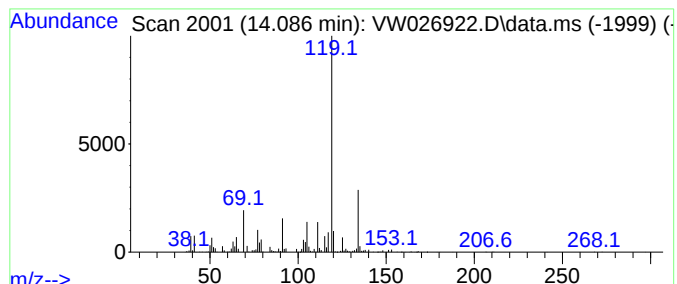
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	71.41 ug/L	908690	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4			p-Cymene	134	C10H14	000099-87-6	93
5			o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

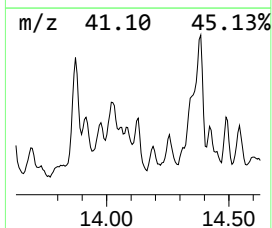
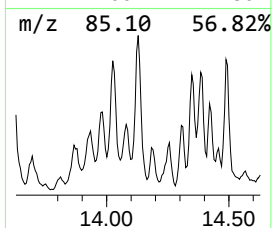
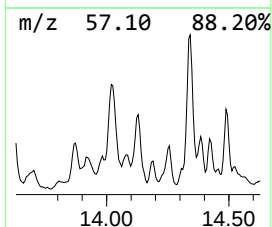
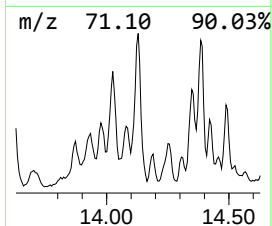
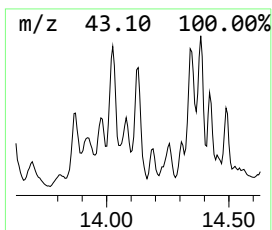
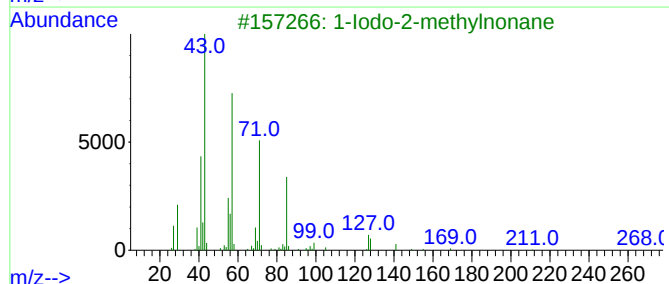
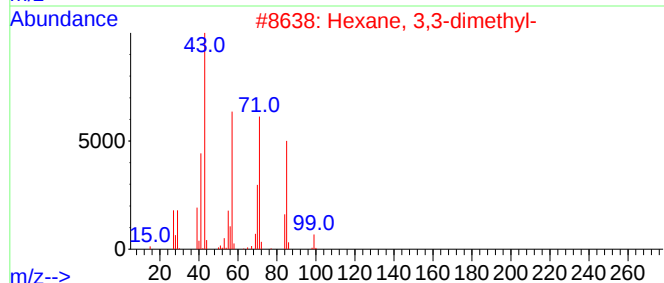
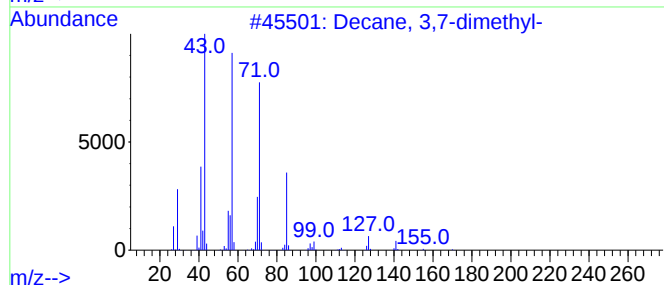
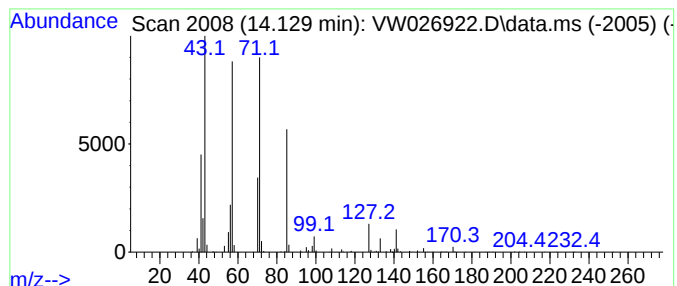
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.129	48.90 ug/L	622231	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	87
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	68
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

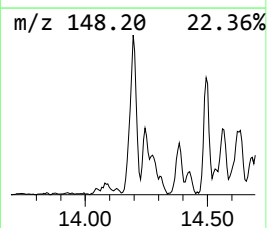
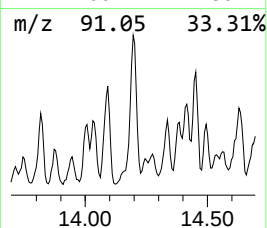
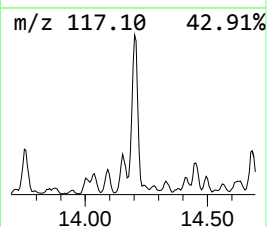
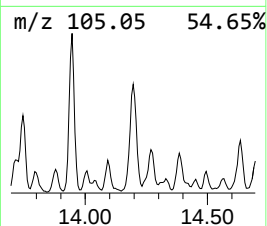
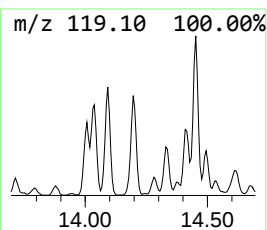
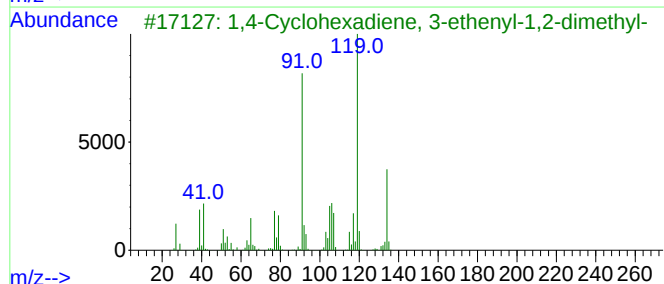
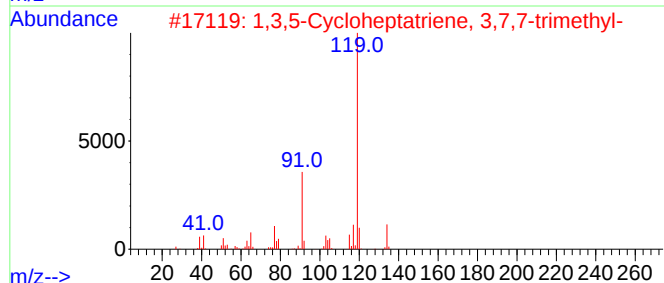
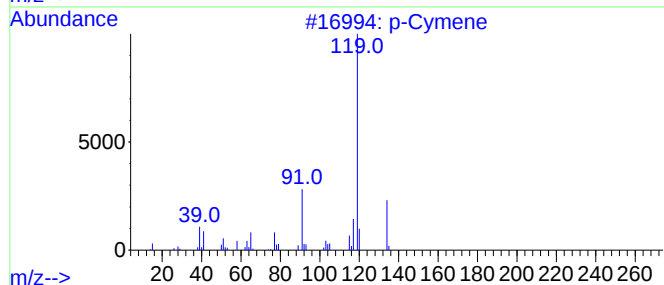
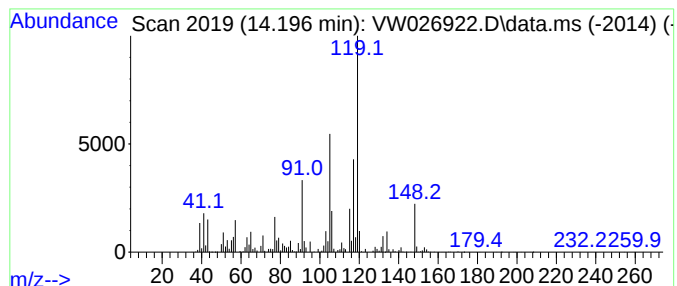
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 p-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	76.83 ug/L	977676	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	53
2			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	53
3			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	52
4			1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	49
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

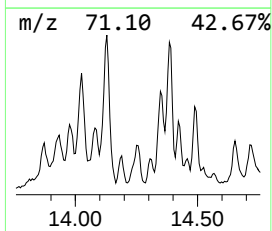
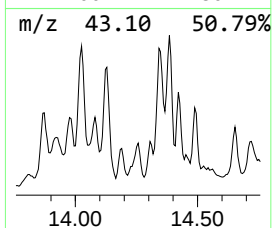
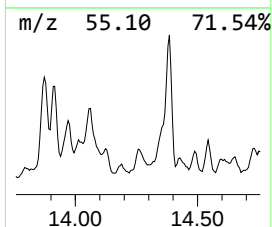
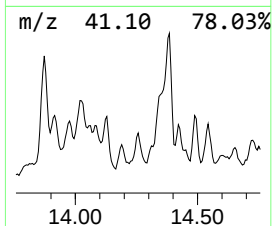
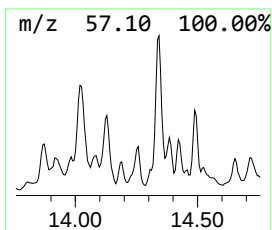
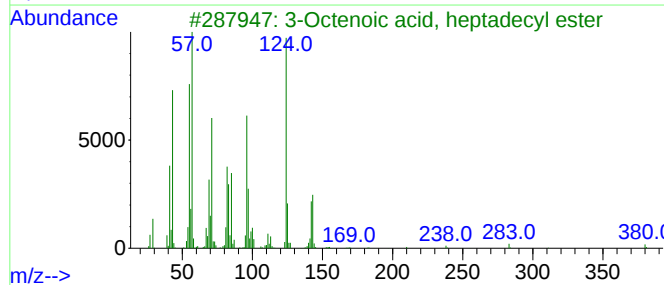
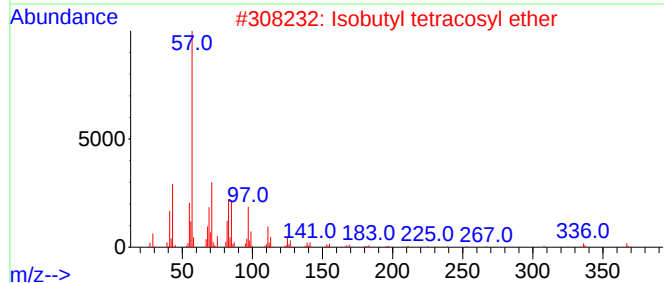
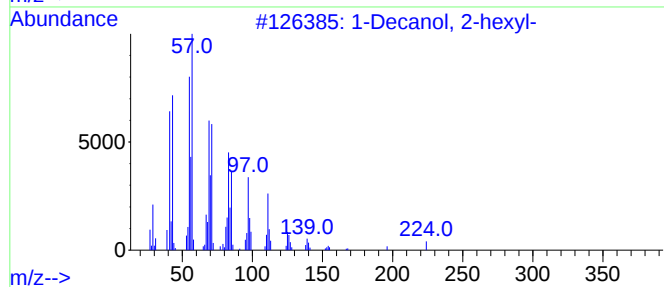
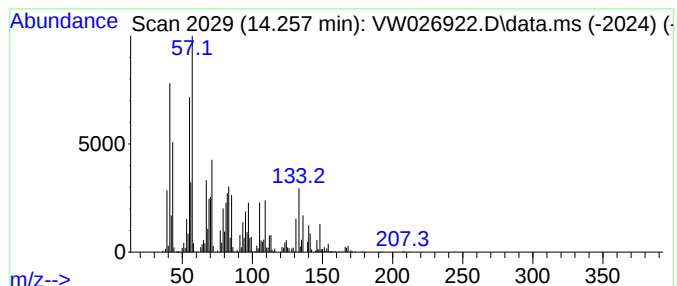
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TIC Integration Parameters: LSCINT.P

Peak Number 52 unknown-02

Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	58.32 ug/L	742112	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38
2			Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	35
3			3-Octenoic acid, heptadecyl ester	380	C25H48O2	1000406-13-6	35
4			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	35
5			Isobutyl triacontyl ether	495	C34H70O	1000406-33-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

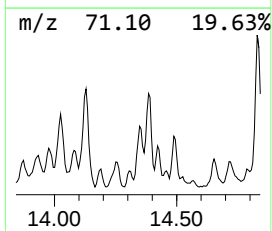
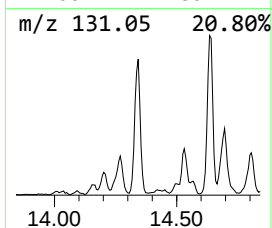
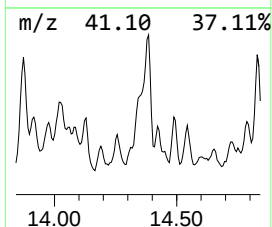
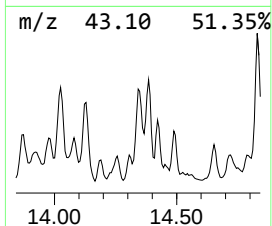
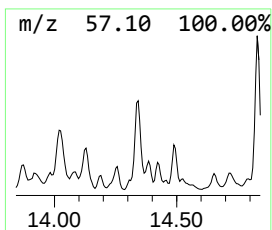
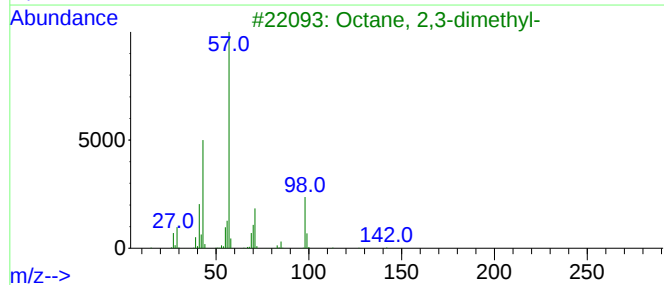
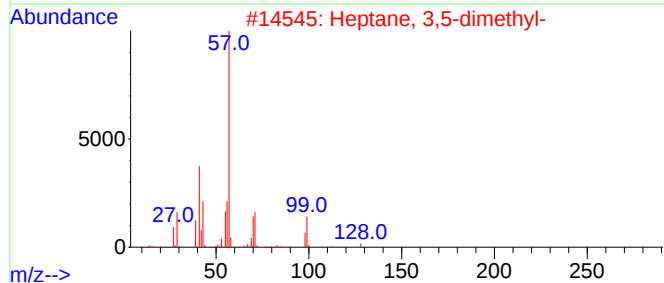
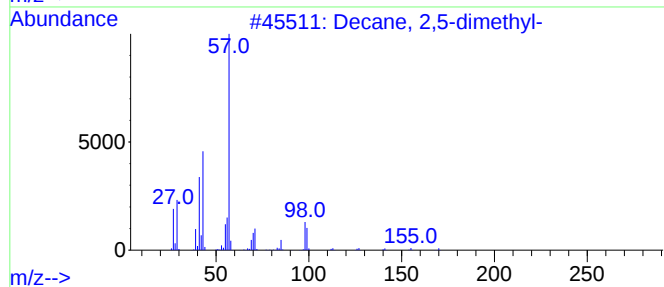
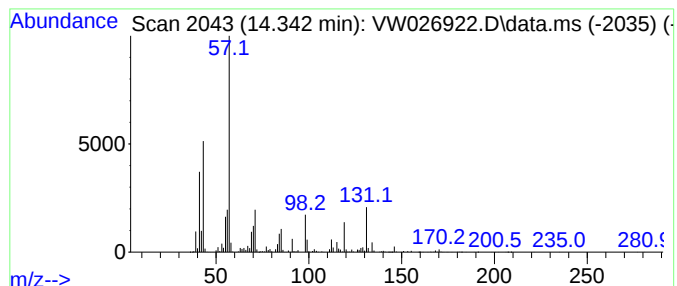
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.342	128.84 ug/L	1639510	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	46
2			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38
4			Decyl heptyl ether	256	C17H36O	1000406-39-1	38
5			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

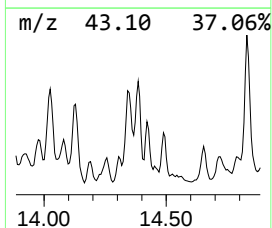
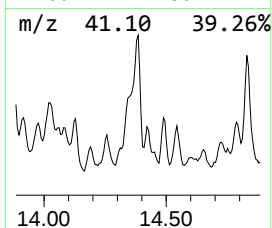
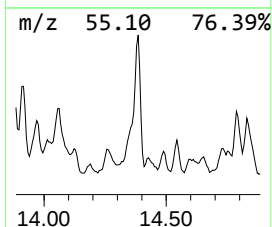
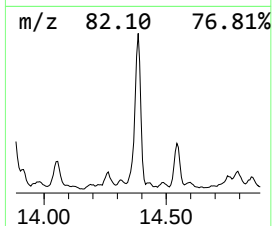
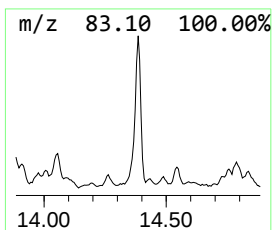
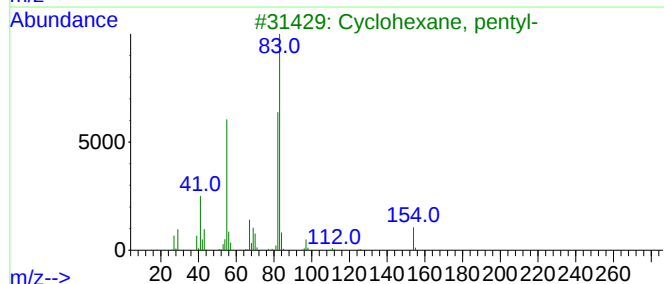
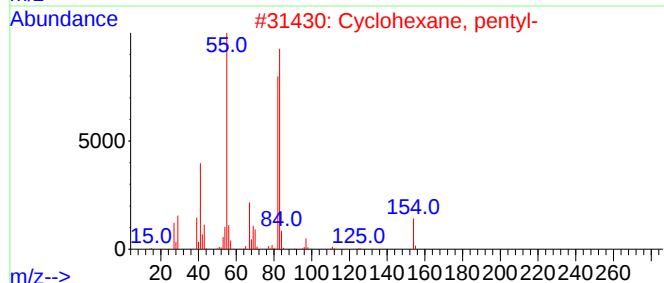
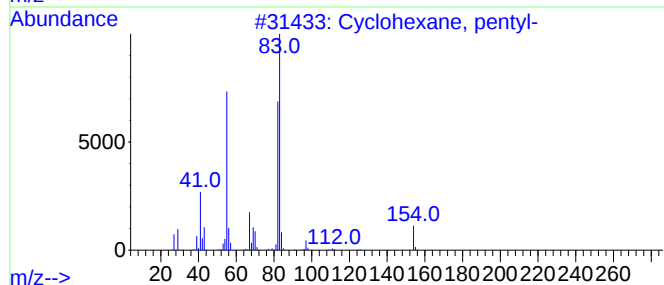
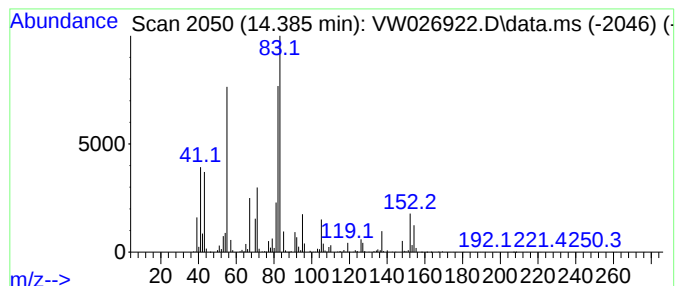
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Cyclic14.385 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	184.69 ug/L	2350180	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4			Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	59
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

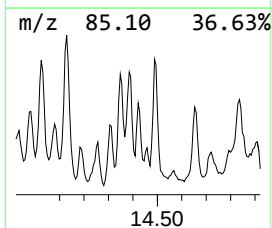
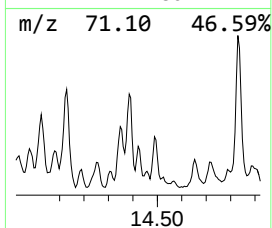
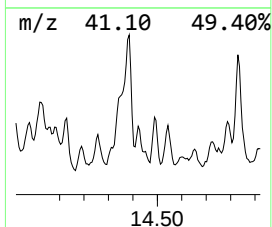
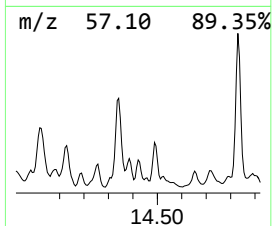
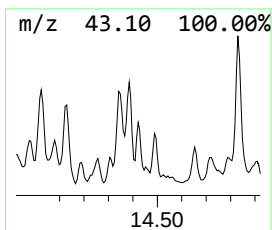
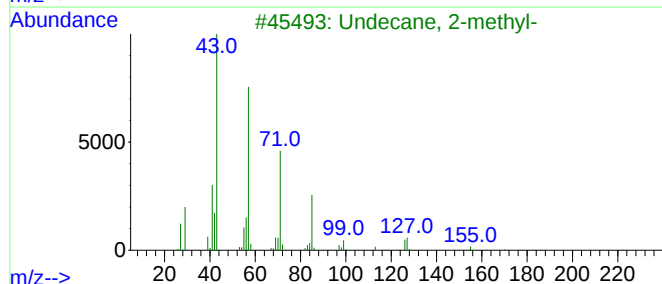
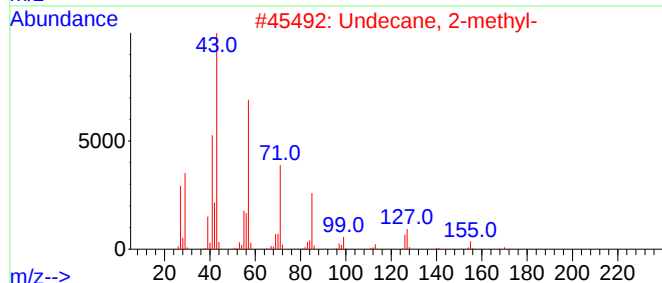
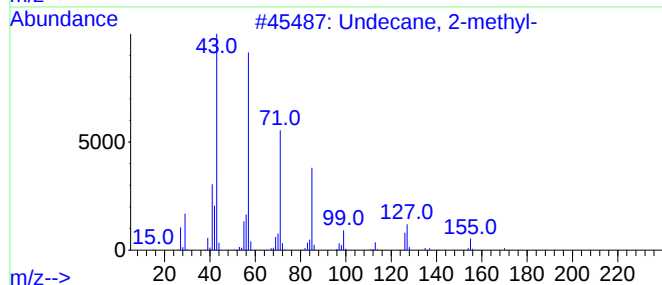
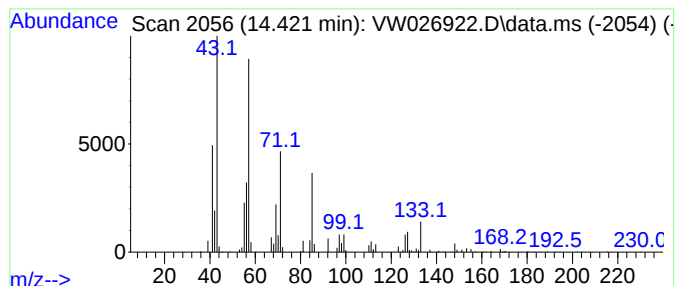
Instrument :
MSVOA_W
ClientSampleId :
EZYK4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.421	41.31 ug/L	525686	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-		170	C12H26	007045-71-8	90
2	Undecane, 2-methyl-		170	C12H26	007045-71-8	81
3	Undecane, 2-methyl-		170	C12H26	007045-71-8	74
4	Hexadecane		226	C16H34	000544-76-3	59
5	Decane, 3-methyl-		156	C11H24	013151-34-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

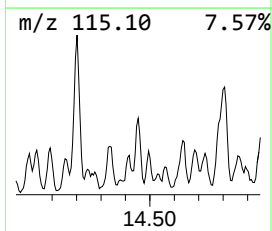
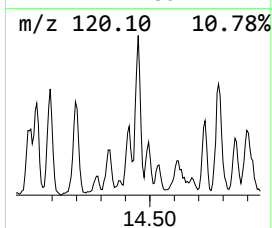
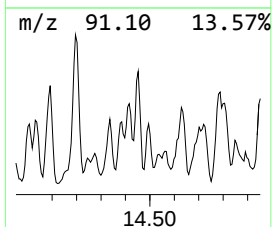
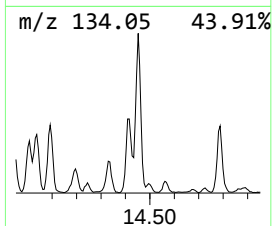
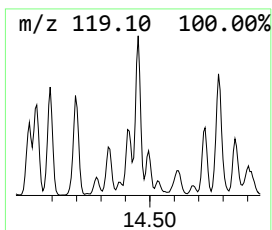
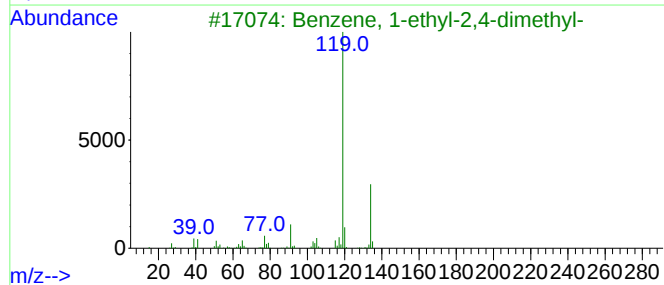
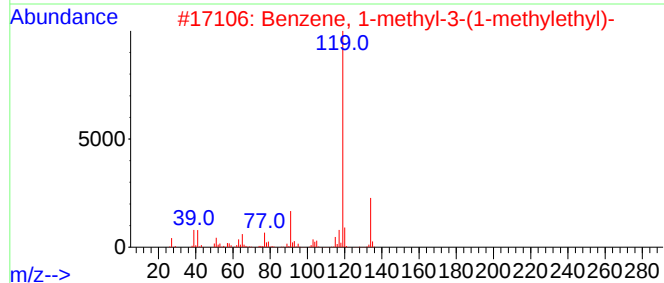
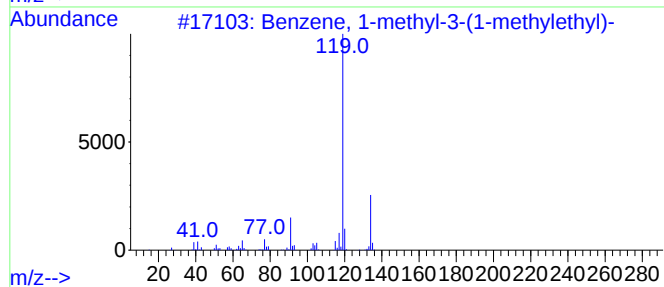
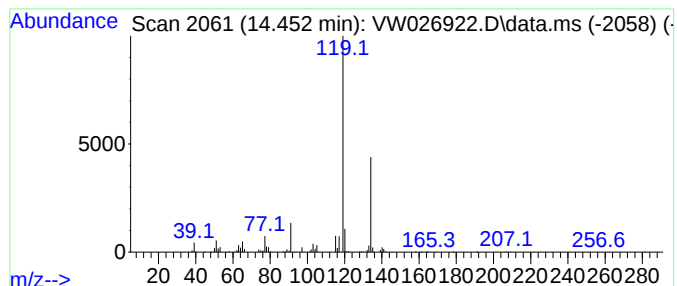
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 Benzene, 1-methyl-3-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	45.55 ug/L	579647	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5			p-Cymene	134	C10H14	000099-87-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

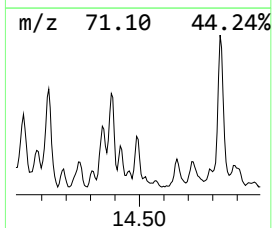
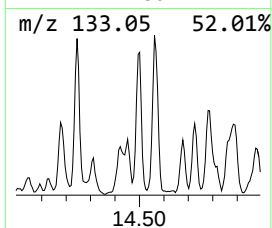
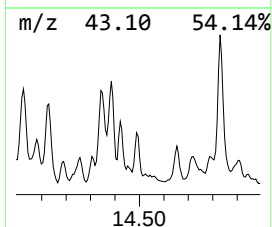
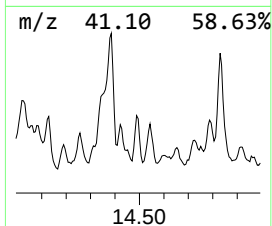
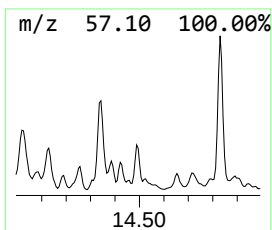
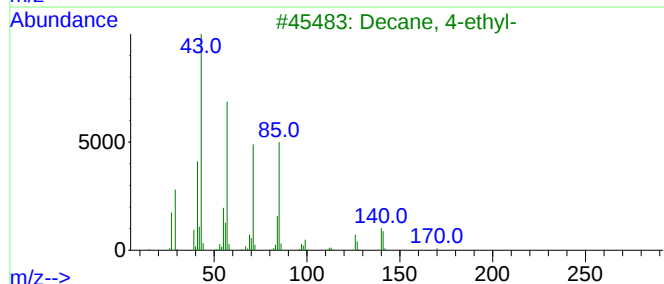
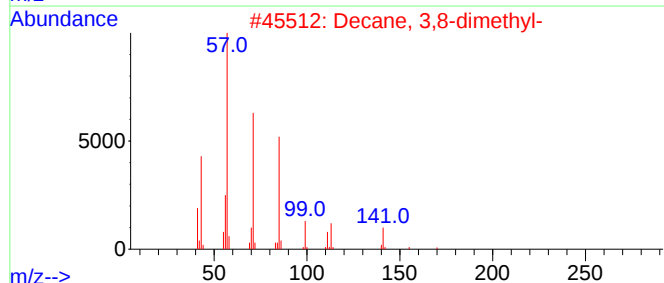
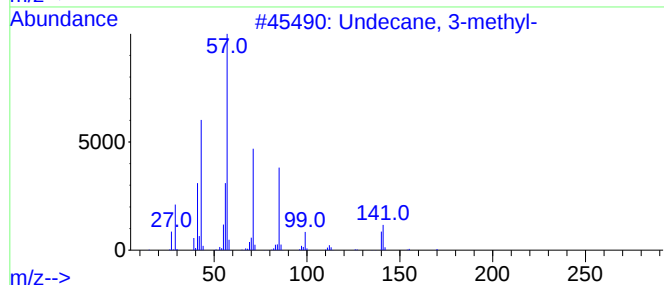
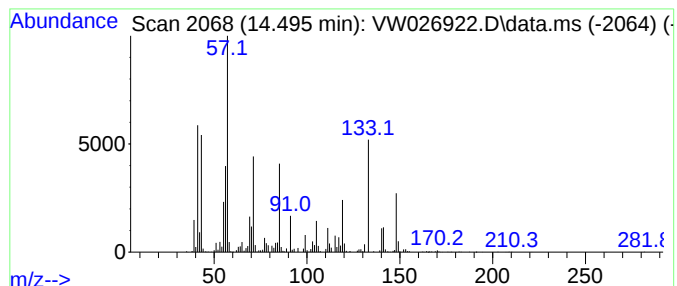
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	47.54 ug/L	604878	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	91
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
3			Decane, 4-ethyl-	170	C12H26	001636-44-8	38
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
5			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

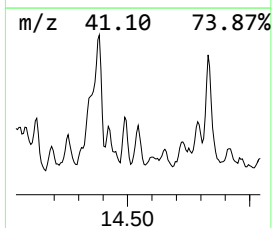
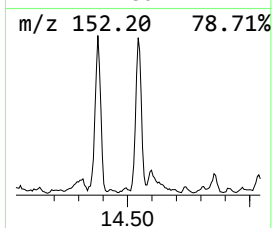
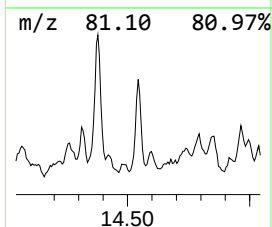
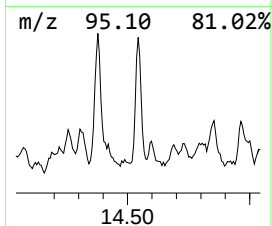
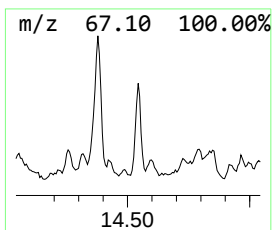
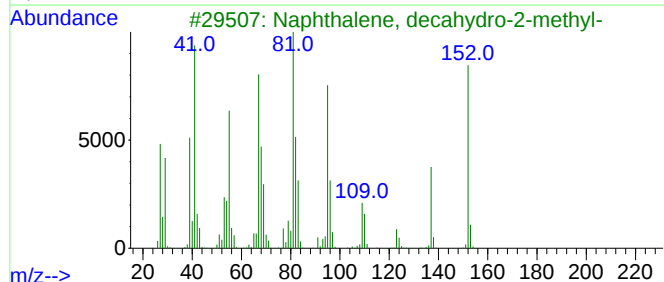
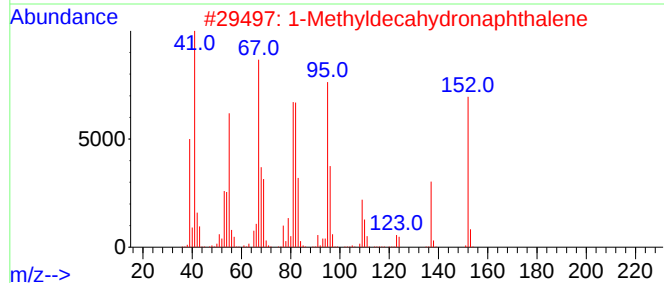
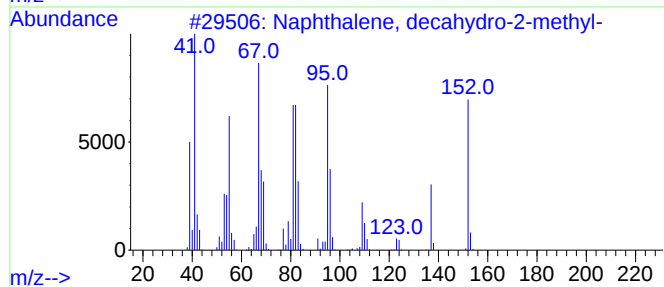
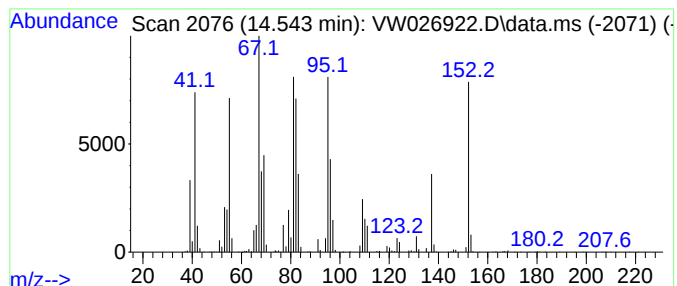
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 Naphthalene, decahydro-2-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	54.85 ug/L	697944	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

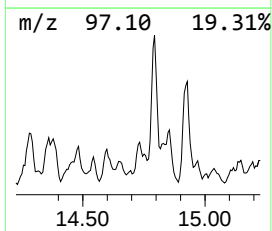
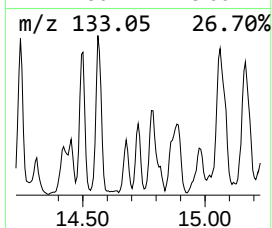
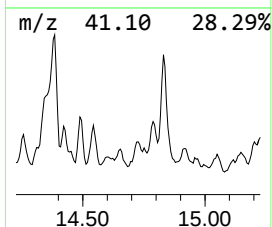
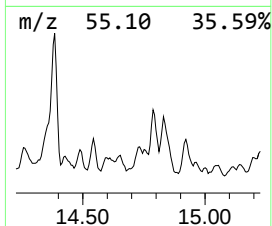
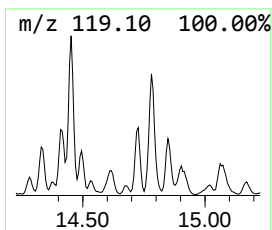
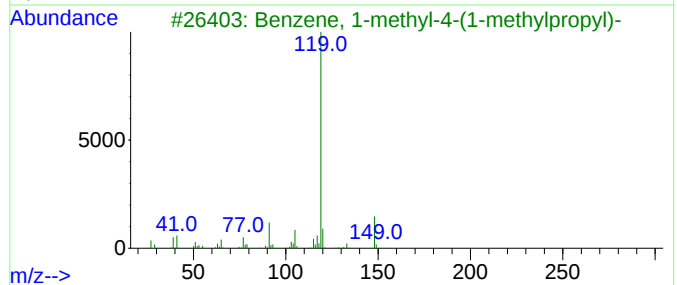
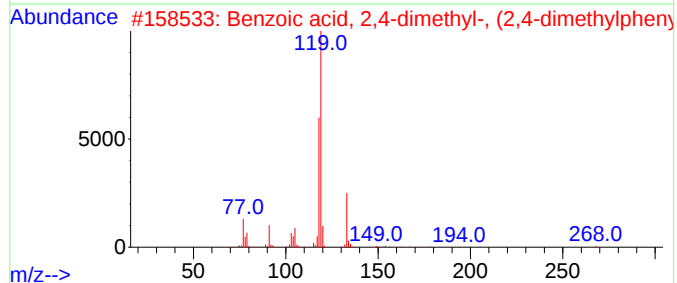
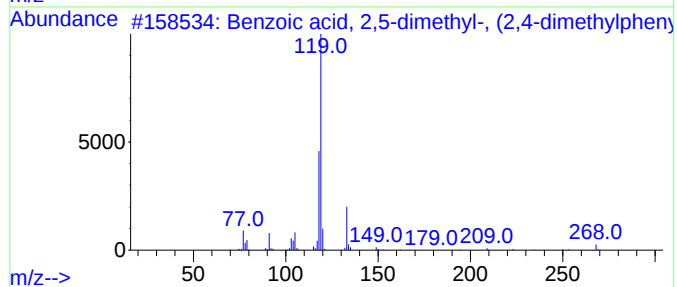
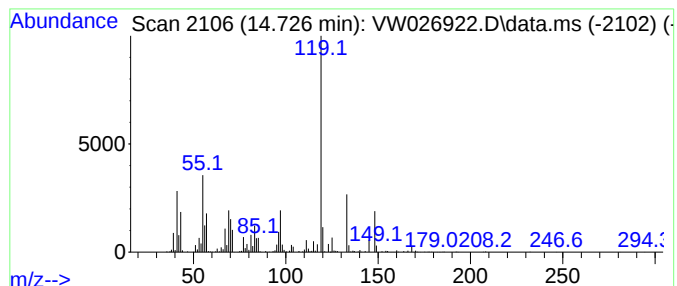
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 Benzoic acid, 2,5-dimethyl-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.726	32.70 ug/L	416084	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	50
2			Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	50
3			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	47
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

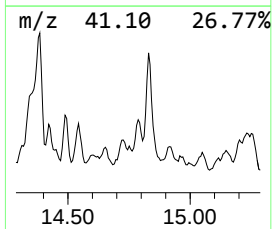
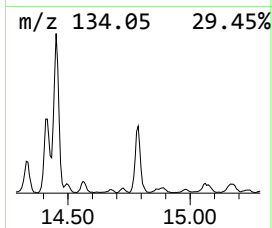
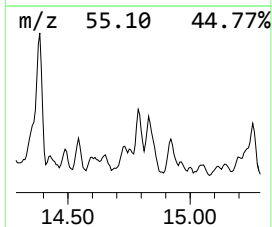
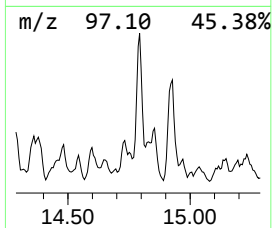
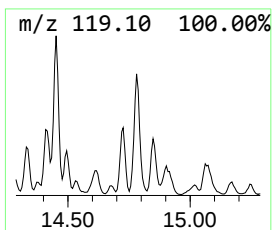
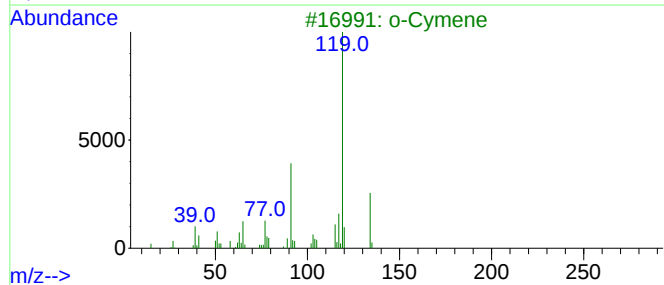
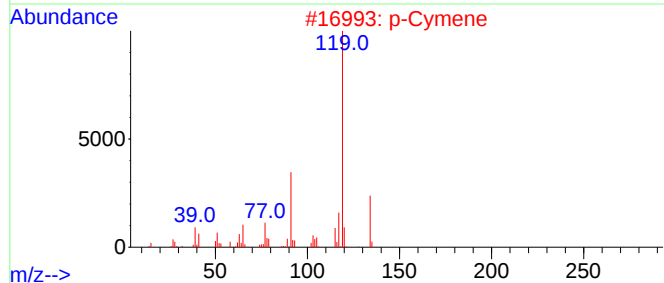
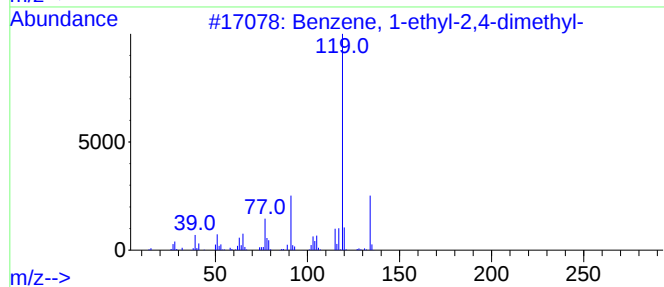
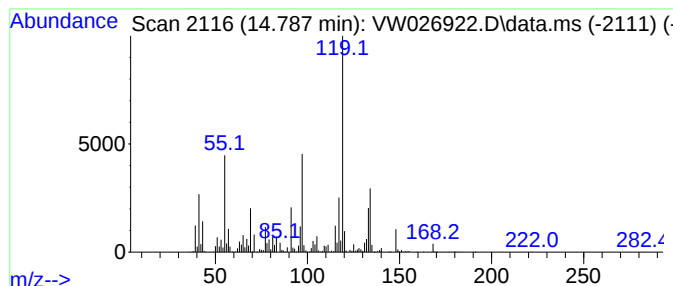
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	99.94 ug/L	1271730	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
2			p-Cymene	134	C10H14	000099-87-6	55
3			o-Cymene	134	C10H14	000527-84-4	55
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	55
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

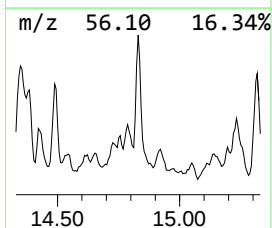
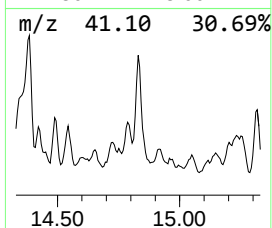
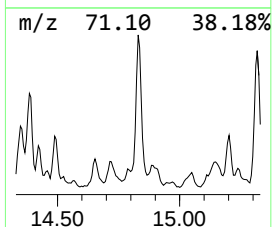
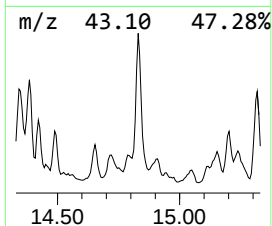
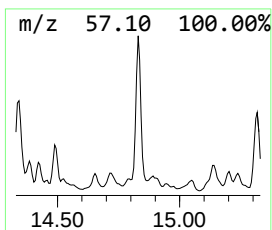
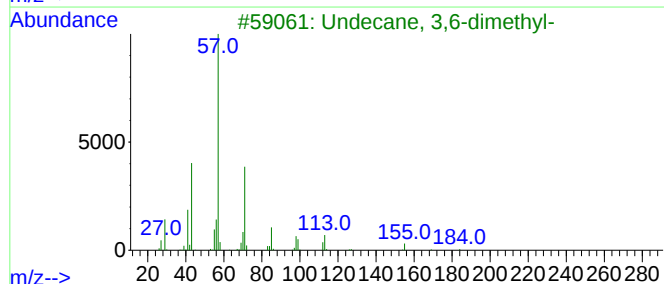
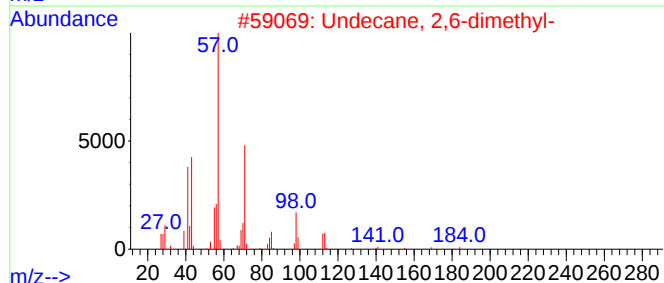
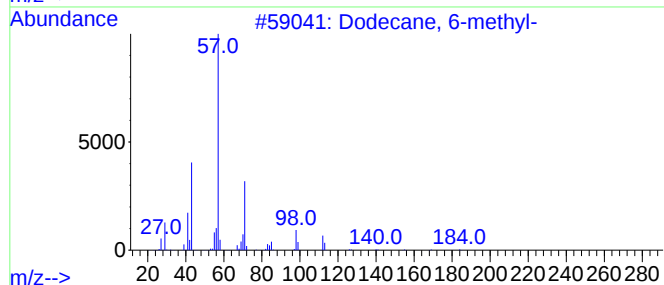
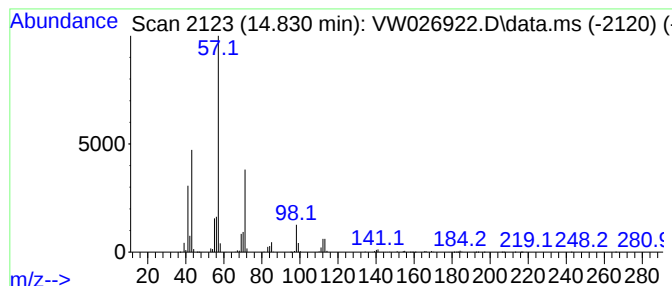
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	131.30 ug/L	1670740	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 6-methyl-	184	C13H28	006044-71-9	94
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

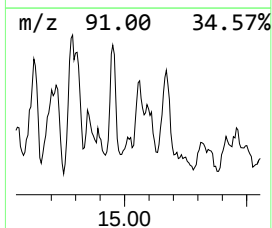
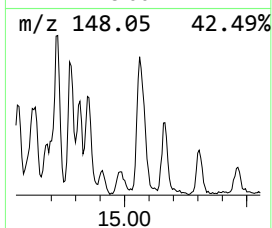
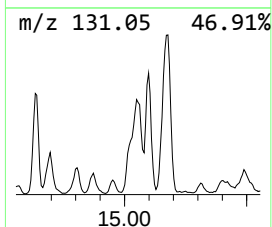
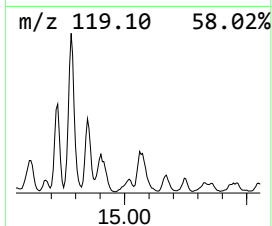
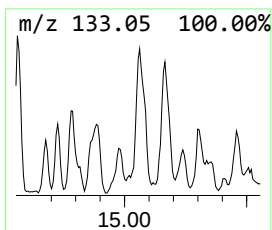
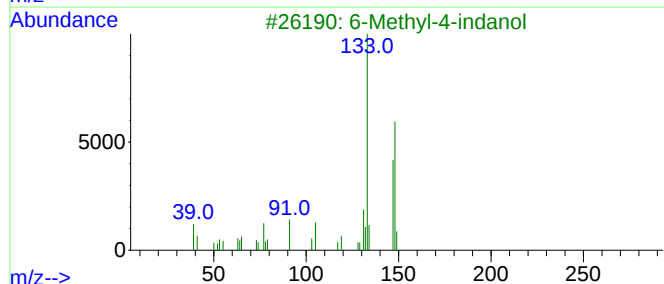
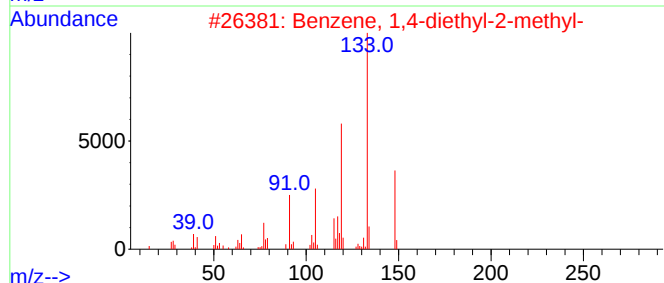
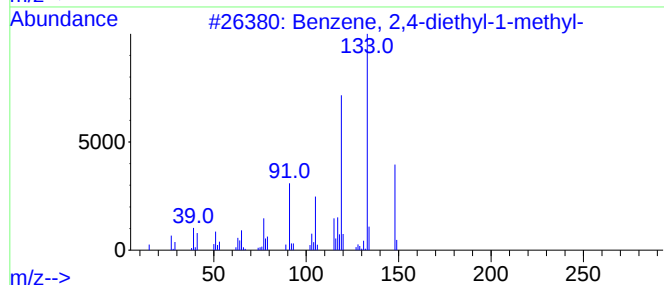
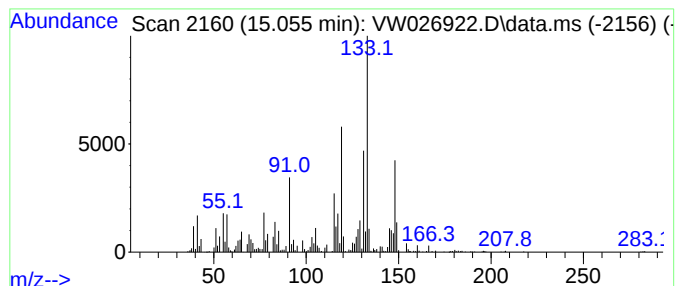
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.055	25.90 ug/L	329554	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	62
2			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	58
3			6-Methyl-4-indanol	148	C10H12O	020294-32-0	49
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	46
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

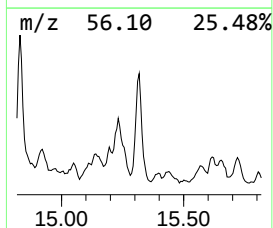
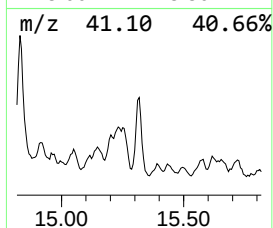
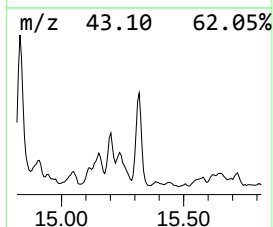
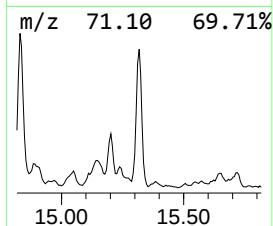
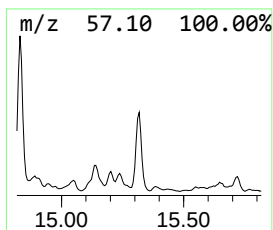
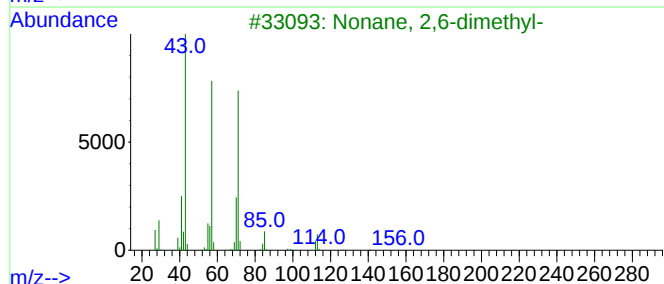
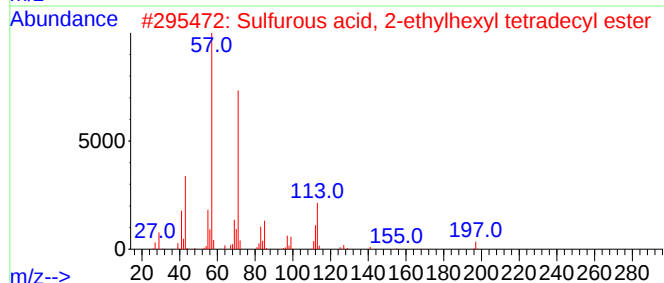
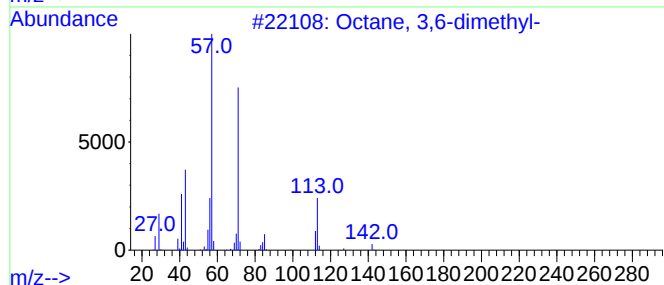
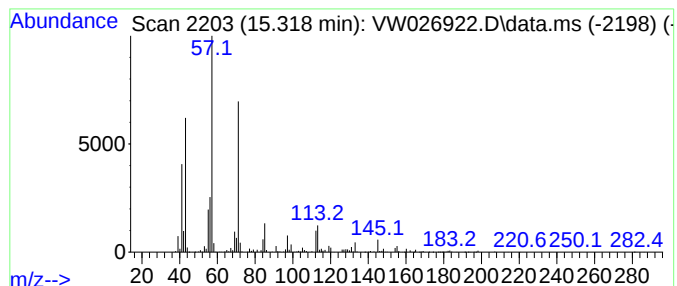
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	78.61 ug/L	1000250	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	80
2	Sulfurous acid, 2-ethylhexyl tet...			390	C22H46O3S	1000309-19-7	72
3	Nonane, 2,6-dimethyl-			156	C11H24	017302-28-2	64
4	Bacchotricuneatin c			342	C20H22O5	066563-30-2	58
5	Heptane, 3-ethyl-5-methyl-			142	C10H22	052896-90-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

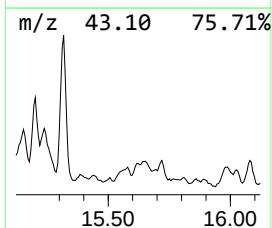
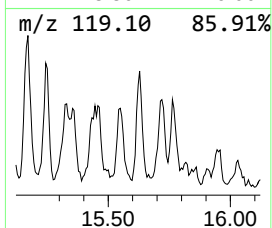
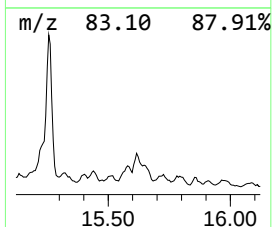
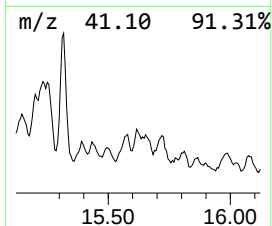
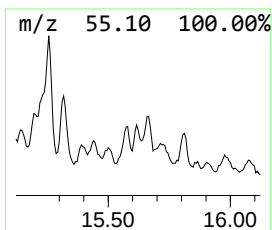
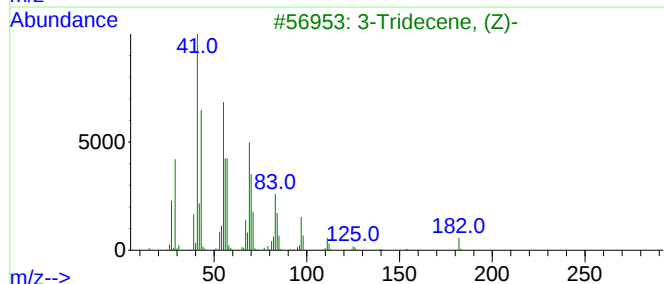
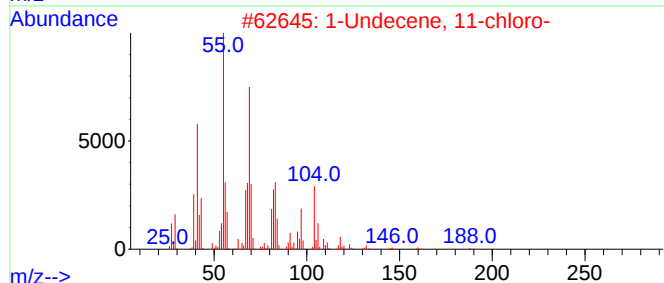
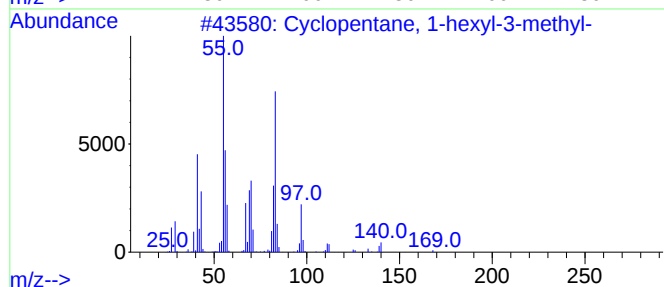
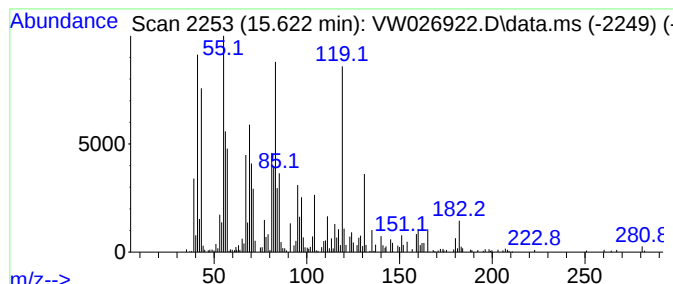
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 (DEL) Alkane: Cyclic15.622 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	16.17 ug/L	205806	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	50
2			1-Undecene, 11-chloro-	188	C11H21Cl	000872-17-3	38
3			3-Tridecene, (Z)-	182	C13H26	041446-53-1	35
4			2-Heptenal, (E)-	112	C7H12O	018829-55-5	30
5			2-Tridecenal, (E)-	196	C13H24O	007069-41-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

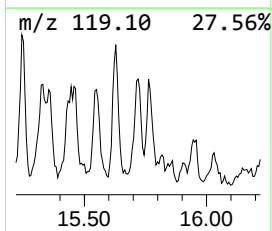
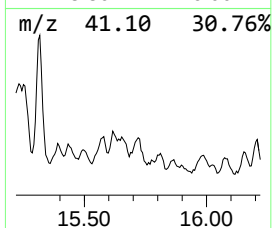
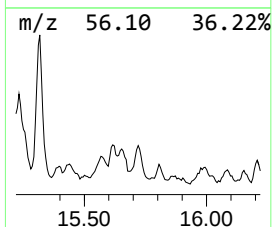
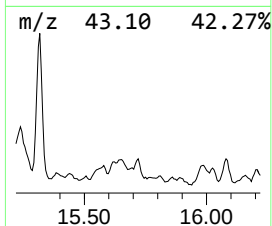
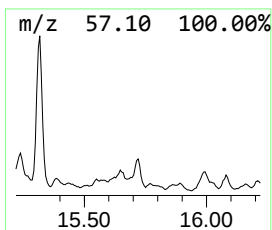
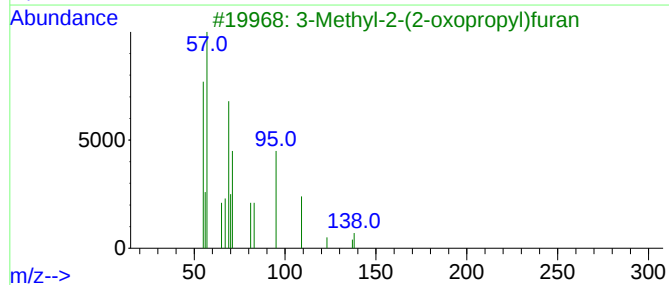
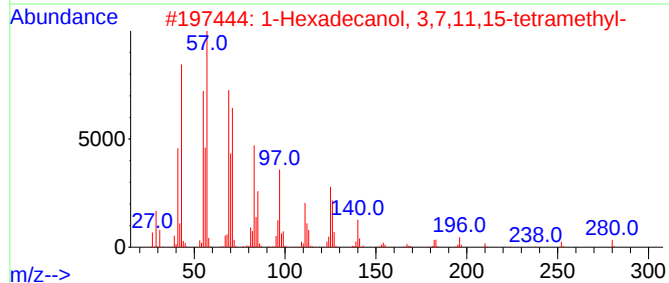
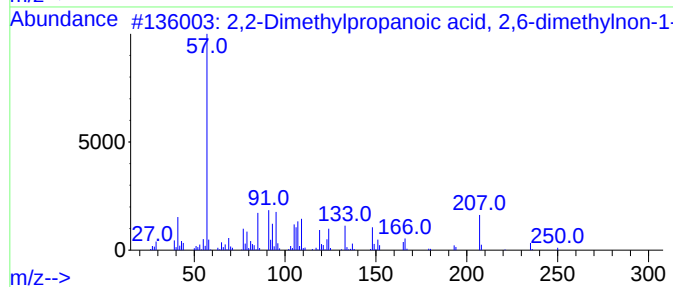
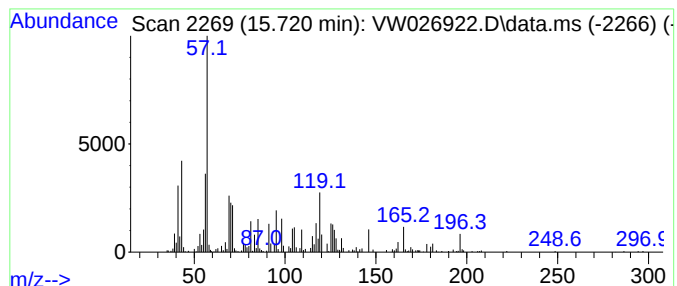
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 unknown-03 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	21.43 ug/L	272676	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylpropanoic acid, 2,6-...	250	C16H26O2	1000299-33-6	10
2			1-Hexadecanol, 3,7,11,15-tetrame...	298	C20H42O	000645-72-7	9
3			3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	9
4			Chrysantenyl 2-methylbutanoate	236	C15H24O2	053820-13-6	9
5			1-Dodecen-3-ol	184	C12H24O	004048-42-4	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

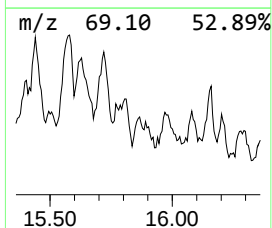
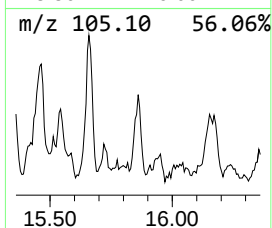
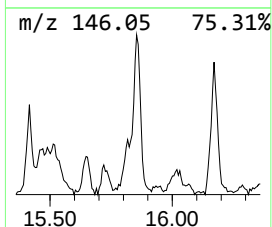
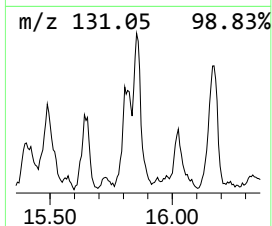
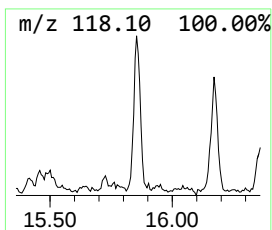
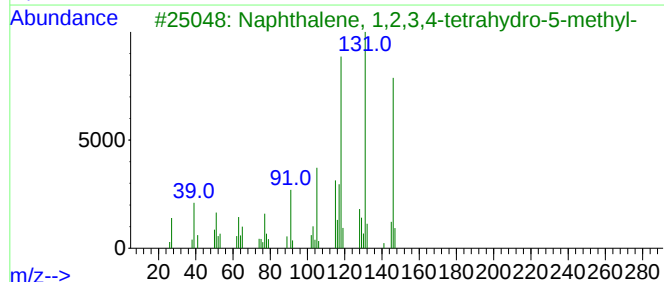
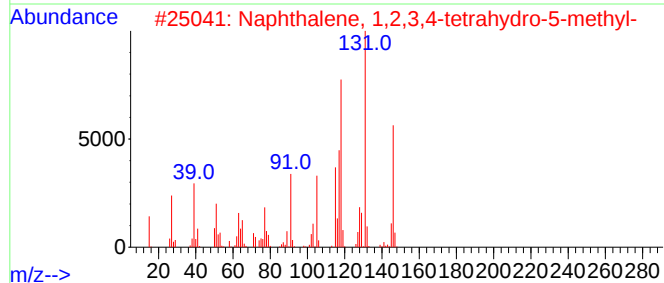
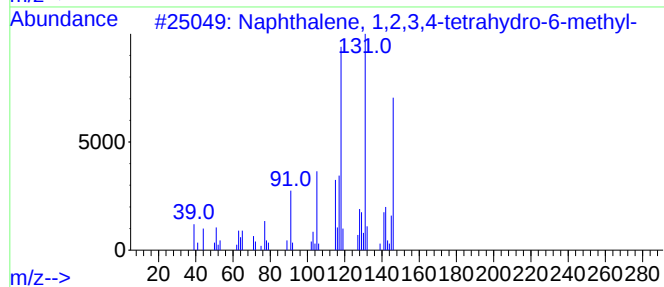
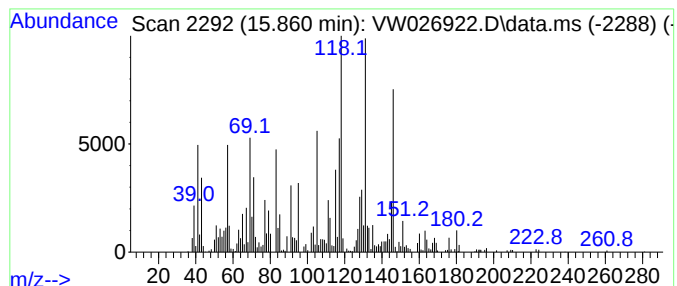
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	12.86 ug/L	163608	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

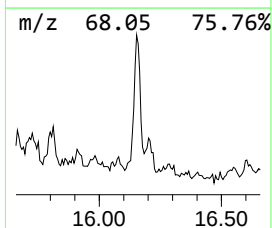
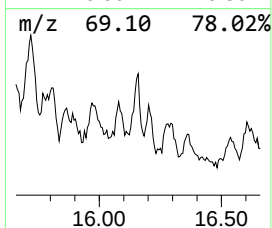
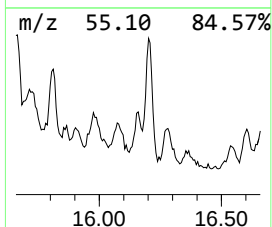
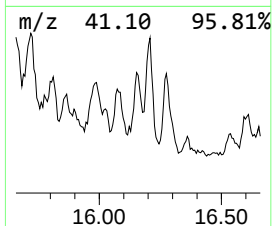
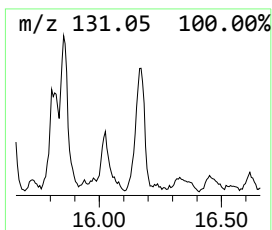
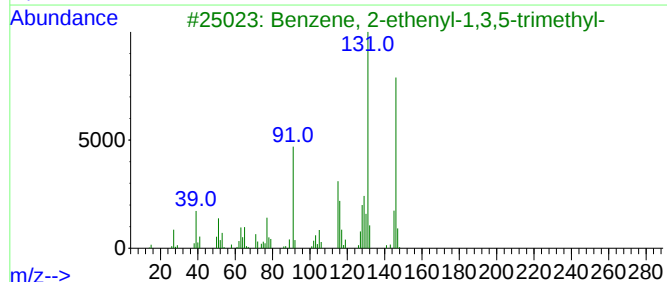
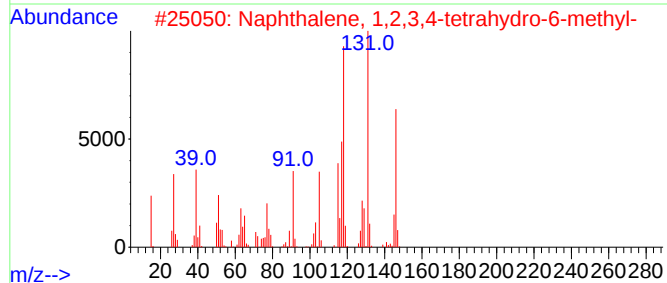
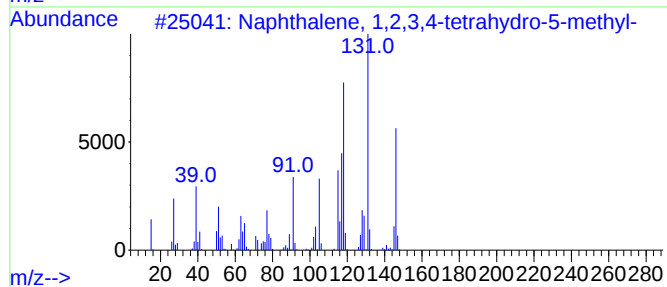
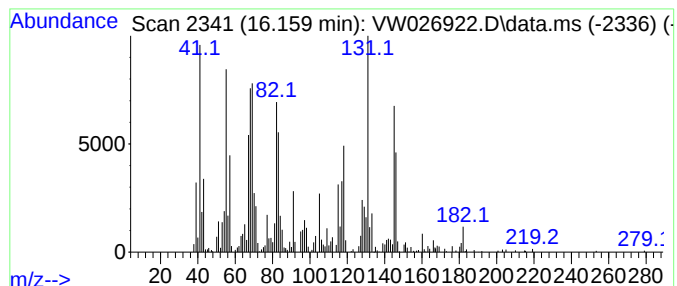
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.159	25.75 ug/L	327717	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	52
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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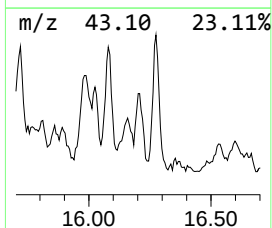
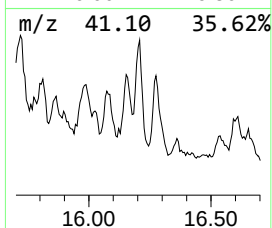
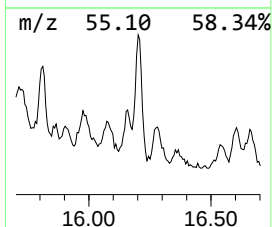
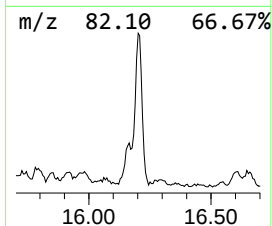
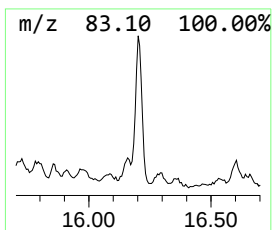
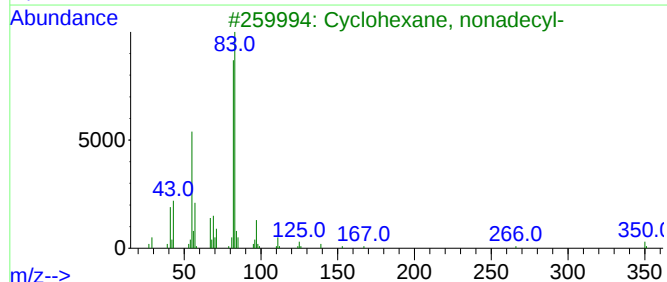
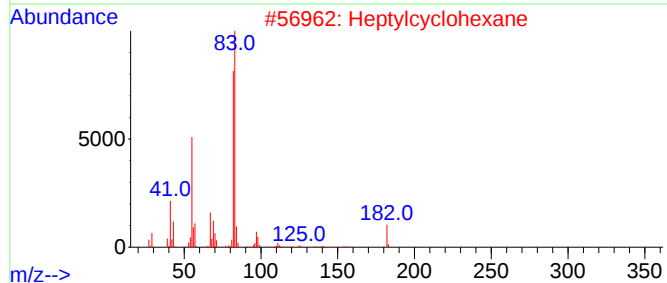
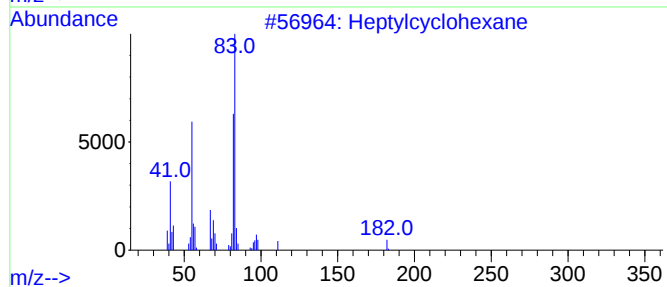
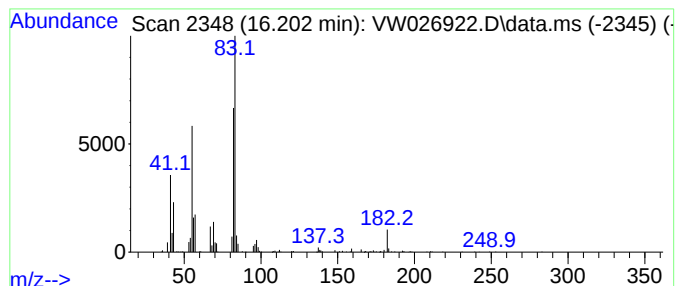
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 (DEL) Alkane: Cyclic16.202 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.202	26.75 ug/L	340378	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	91
2			Heptylcyclohexane	182	C13H26	005617-41-4	90
3			Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	86
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	86
5			Cyclohexane, hexyl-	168	C12H24	004292-75-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

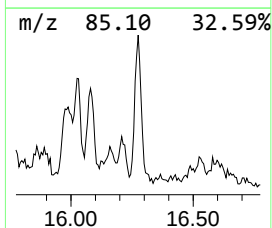
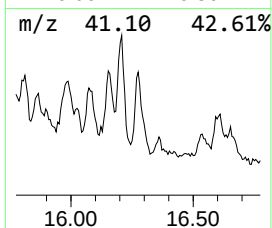
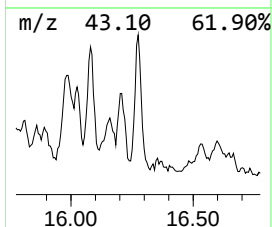
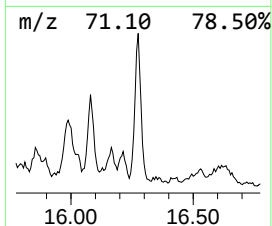
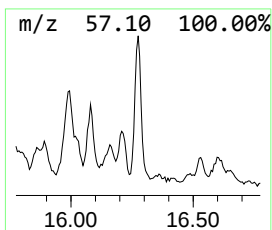
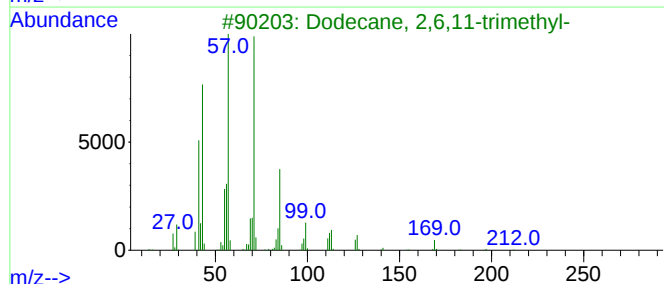
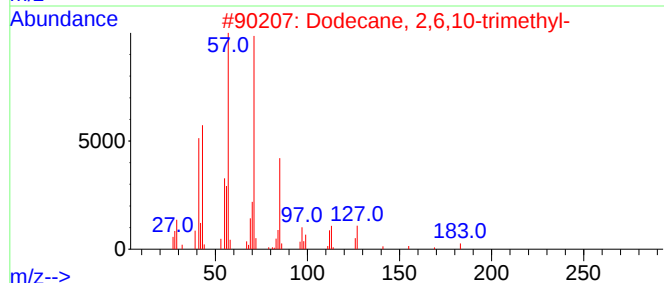
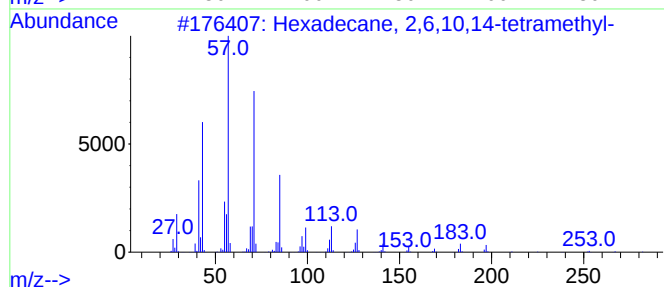
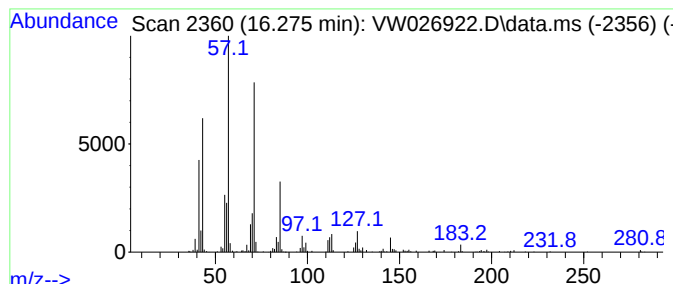
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	24.25 ug/L	308624	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	81
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

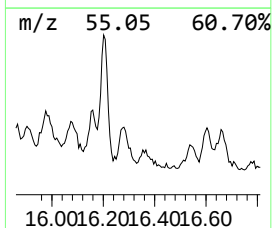
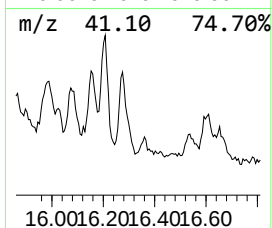
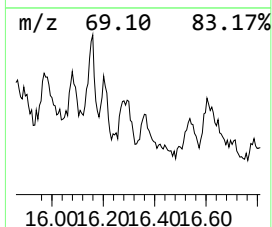
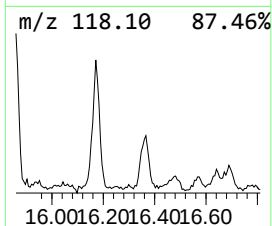
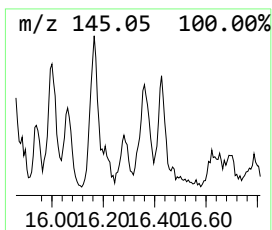
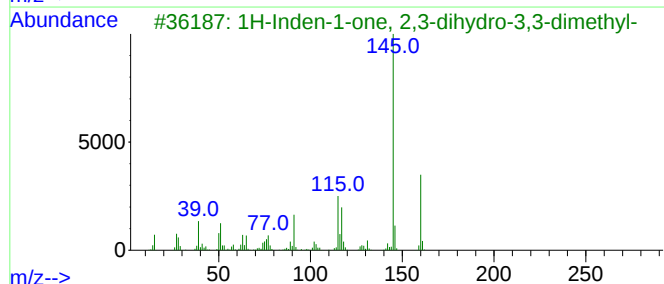
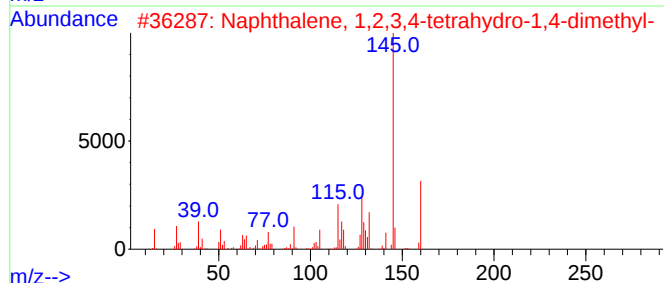
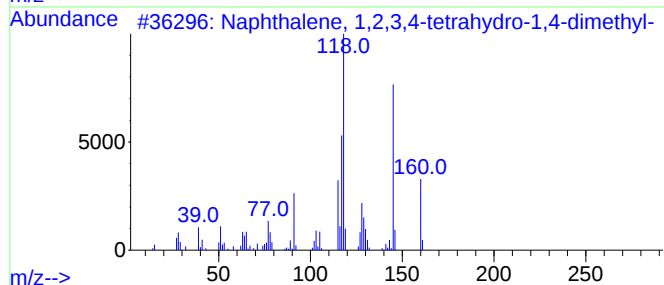
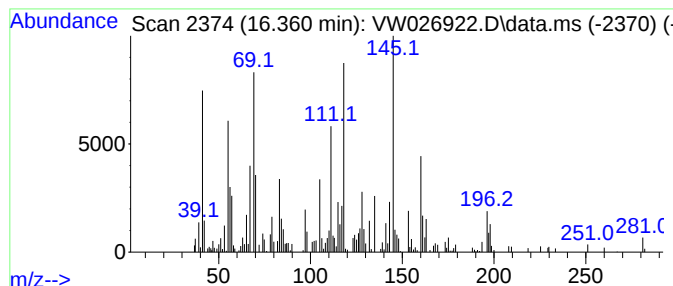
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 unknown-04 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.360	6.90 ug/L	87745	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	38
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	18
3			1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	18
4			1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	18
5			1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026922.D
 Acq On : 26 Aug 2023 03:04
 Operator : SY/MD
 Sample : 04175-10
 Misc : 5.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYZK4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	2.168	3.9	ug/L	50862	1	8.837	326751	25.0
(DEL) Alkane: S...	3.015	12.7	ug/L	166571	1	8.837	326751	25.0
(DEL) Alkane: S...	3.375	11.6	ug/L	151143	1	8.837	326751	25.0
(DEL) Alkane: S...	5.435	15.2	ug/L	199130	1	8.837	326751	25.0
(DEL) Alkane: S...	5.935	9.9	ug/L	129601	1	8.837	326751	25.0
(DEL) Alkane: C...	6.978	6.8	ug/L	89062	1	8.837	326751	25.0
(DEL) Alkane: S...	8.032	8.8	ug/L	114664	1	8.837	326751	25.0
(DEL) Alkane: S...	8.154	18.0	ug/L	235532	1	8.837	326751	25.0
(DEL) Alkane: C...	8.429	5.3	ug/L	69475	1	8.837	326751	25.0
(DEL) Alkane: C...	8.575	6.7	ug/L	88051	1	8.837	326751	25.0
(DEL) Alkane: S...	8.691	10.8	ug/L	141595	1	8.837	326751	25.0
(DEL) Alkane: C...	9.514	4.4	ug/L	57699	1	8.837	326751	25.0
(DEL) Alkane: C...	9.605	5.8	ug/L	76345	1	8.837	326751	25.0
(DEL) Alkane: C...	9.745	8.0	ug/L	104673	1	8.837	326751	25.0
(DEL) Alkane: S...	9.953	12.6	ug/L	165222	1	8.837	326751	25.0
(DEL) Alkane: S...	10.093	23.0	ug/L	300599	1	8.837	326751	25.0
(DEL) Alkane: C...	10.501	11.8	ug/L	289590	2	11.629	612566	25.0
(DEL) Alkane: C...	10.660	9.0	ug/L	220965	2	11.629	612566	25.0
(DEL) Alkane: C...	10.757	5.2	ug/L	127933	2	11.629	612566	25.0
(DEL) Alkane: S...	10.843	2.3	ug/L	55778	2	11.629	612566	25.0
(DEL) Alkane: S...	11.032	6.5	ug/L	160113	2	11.629	612566	25.0
(DEL) Alkane: C...	11.105	3.3	ug/L	80688	2	11.629	612566	25.0
(DEL) Alkane: C...	11.178	15.9	ug/L	389481	2	11.629	612566	25.0
(DEL) Alkane: C...	11.227	16.6	ug/L	406630	2	11.629	612566	25.0
(DEL) Alkane: C...	11.282	3.5	ug/L	86980	2	11.629	612566	25.0
(DEL) Alkane: S...	11.337	7.8	ug/L	190517	2	11.629	612566	25.0
(DEL) Alkane: S...	11.404	27.1	ug/L	664153	2	11.629	612566	25.0
(DEL) Alkane: S...	11.507	15.2	ug/L	373367	2	11.629	612566	25.0
(DEL) Alkane: S...	11.971	2.9	ug/L	71835	2	11.629	612566	25.0
(DEL) Alkane: S...	12.056	6.7	ug/L	164267	2	11.629	612566	25.0
(DEL) Alkane: S...	12.251	25.5	ug/L	624326	2	11.629	612566	25.0
(DEL) Alkane: S...	12.361	85.9	ug/L	2105440	2	11.629	612566	25.0
(DEL) Alkane: S...	12.538	37.1	ug/L	909269	2	11.629	612566	25.0
Oxalic acid, 2-...	12.617	14.6	ug/L	185187	3	13.556	318118	25.0
(DEL) Alkane: C...	12.775	52.5	ug/L	668089	3	13.556	318118	25.0
(DEL) Alkane: S...	12.873	123.5	ug/L	1571790	3	13.556	318118	25.0
1H-Pyrazol-4-am...	13.038	6.2	ug/L	79413	3	13.556	318118	25.0
Carbonic acid, ...	13.074	31.5	ug/L	401106	3	13.556	318118	25.0
Tetratriacontyl...	13.123	27.2	ug/L	346309	3	13.556	318118	25.0
(DEL) Alkane: S...	13.159	115.8	ug/L	1473910	3	13.556	318118	25.0
(DEL) Alkane: S...	13.342	30.9	ug/L	393105	3	13.556	318118	25.0
Cyclohexanone, ...	13.440	143.3	ug/L	1823440	3	13.556	318118	25.0
(DEL) Alkane: S...	13.483	72.7	ug/L	924872	3	13.556	318118	25.0
(DEL) Alkane: S...	13.623	33.4	ug/L	424842	3	13.556	318118	25.0
(DEL) Alkane: C...	13.696	30.0	ug/L	382169	3	13.556	318118	25.0
Sulfurous acid,...	13.915	74.9	ug/L	953497	3	13.556	318118	25.0
unknown-01	13.976	57.7	ug/L	734469	3	13.556	318118	25.0
(DEL) Alkane: S...	14.025	183.8	ug/L	2338220	3	13.556	318118	25.0
Benzene, 4-ethy...	14.086	71.4	ug/L	908690	3	13.556	318118	25.0
(DEL) Alkane: S...	14.129	48.9	ug/L	622231	3	13.556	318118	25.0
p-Cymene	14.196	76.8	ug/L	977676	3	13.556	318118	25.0
unknown-02	14.257	58.3	ug/L	742112	3	13.556	318118	25.0

(DEL) Alkane: S...	14.342	128.8	ug/L	1639510	3	13.556	318118	25.0
(DEL) Alkane: C...	14.385	184.7	ug/L	2350180	3	13.556	318118	25.0
(DEL) Alkane: S...	14.421	41.3	ug/L	525686	3	13.556	318118	25.0
Benzene, 1-meth...	14.452	45.5	ug/L	579647	3	13.556	318118	25.0
(DEL) Alkane: S...	14.495	47.5	ug/L	604878	3	13.556	318118	25.0
Naphthalene, de...	14.543	54.9	ug/L	697944	3	13.556	318118	25.0
Benzoic acid, 2...	14.726	32.7	ug/L	416084	3	13.556	318118	25.0
Benzene, 1-ethy...	14.787	99.9	ug/L	1271730	3	13.556	318118	25.0
(DEL) Alkane: S...	14.830	131.3	ug/L	1670740	3	13.556	318118	25.0
Benzene, 2,4-di...	15.055	25.9	ug/L	329554	3	13.556	318118	25.0
(DEL) Alkane: S...	15.318	78.6	ug/L	1000250	3	13.556	318118	25.0
(DEL) Alkane: C...	15.622	16.2	ug/L	205806	3	13.556	318118	25.0
unknown-03	15.720	21.4	ug/L	272676	3	13.556	318118	25.0
Naphthalene, 1,...	15.860	12.9	ug/L	163608	3	13.556	318118	25.0
Naphthalene, 1,...	16.159	25.8	ug/L	327717	3	13.556	318118	25.0
(DEL) Alkane: C...	16.202	26.8	ug/L	340378	3	13.556	318118	25.0
(DEL) Alkane: S...	16.275	24.3	ug/L	308624	3	13.556	318118	25.0
unknown-04	16.360	6.9	ug/L	87745	3	13.556	318118	25.0

Instrument :

MSVOA_W

ClientSampleId :

EZYK4