

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026979.D
 Acq On : 31 Aug 2023 15:48
 Operator : SY/MD
 Sample : 04235-10RE
 Misc : 6.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYK1RE

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: VW026979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.357	72	77	89	rVV2	159375	436535	0.27%	0.063%
2	2.893	158	165	180	rVB	106971	337229	0.21%	0.048%
3	4.021	340	350	362	rBV	185950	665047	0.42%	0.095%
4	4.935	486	500	513	rBV6	117573	635264	0.40%	0.091%
5	5.941	655	665	679	rVB	127148	385242	0.24%	0.055%
6	7.075	844	851	858	rBV	126411	338276	0.21%	0.048%
7	7.648	934	945	961	rBV	522864	1443442	0.91%	0.207%
8	8.154	1020	1028	1037	rBV	273359	618754	0.39%	0.089%
9	8.276	1037	1048	1051	rVV	956673	2122236	1.33%	0.304%
10	8.319	1052	1055	1066	rVB3	863738	1828100	1.15%	0.262%
11	8.581	1092	1098	1108	rVB5	131725	387308	0.24%	0.055%
12	8.697	1108	1117	1130	rVB	940265	1904619	1.20%	0.273%
13	8.843	1132	1141	1154	rBV	1371334	2890613	1.82%	0.414%
14	9.276	1204	1212	1216	rBV	706144	1595564	1.00%	0.229%
15	9.331	1216	1221	1228	rVB	1707648	3510295	2.21%	0.503%
16	9.605	1257	1266	1275	rBV3	254824	639696	0.40%	0.092%
17	9.752	1283	1290	1304	rVB2	418827	960688	0.60%	0.138%
18	9.898	1304	1314	1318	rBV2	381204	766105	0.48%	0.110%
19	9.959	1318	1324	1333	rVV2	2422081	5508682	3.46%	0.789%
20	10.032	1333	1336	1340	rVV	209193	343161	0.22%	0.049%
21	10.093	1340	1346	1358	rVB	1967400	4311601	2.71%	0.617%
22	10.319	1376	1383	1388	rBV	3489137	6935696	4.36%	0.993%
23	10.386	1388	1394	1400	rVB	3009364	6176054	3.88%	0.885%
24	10.502	1406	1413	1421	rVB	6681925	11434776	7.19%	1.638%
25	10.581	1421	1426	1428	rBV2	189657	328867	0.21%	0.047%
26	10.666	1435	1440	1449	rVB	1496785	2865311	1.80%	0.410%
27	10.764	1449	1456	1465	rBV3	826369	2200053	1.38%	0.315%
28	10.843	1465	1469	1475	rVB	589885	956603	0.60%	0.137%
29	10.934	1475	1484	1490	rBV2	2010873	3671109	2.31%	0.526%
30	11.032	1490	1500	1508	rBV	1015481	2551985	1.60%	0.365%
31	11.105	1508	1512	1516	rBV2	982287	1604738	1.01%	0.230%
32	11.178	1516	1524	1528	rBV	4206156	7035167	4.42%	1.008%
33	11.227	1528	1532	1538	rVB	2384512	4182364	2.63%	0.599%
34	11.282	1538	1541	1545	rVB2	339533	428928	0.27%	0.061%
35	11.337	1545	1550	1554	rBV2	1859510	3144852	1.98%	0.450%
36	11.410	1554	1562	1573	rVB3	4730823	12607515	7.93%	1.806%

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Max Peaks: 100

Stop Thrs : 0

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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	11.514	1573	1579	1589	rVB	4287076	7265238	4.57%	1.041%
38	11.629	1592	1598	1607	rBV	1223686	2340105	1.47%	0.335%
39	11.727	1607	1614	1623	rBV	13501961	23603737	14.84%	3.380%
40	11.837	1623	1632	1642	rBV3	75340328	159047489	100.00%	22.778%
41	11.916	1642	1645	1650	rVB2	2256227	3651190	2.30%	0.523%
42	11.971	1650	1654	1661	rBV3	390765	892298	0.56%	0.128%
43	12.056	1662	1668	1674	rVB3	893537	1918698	1.21%	0.275%
44	12.166	1674	1686	1693	rBV	39907089	74380116	46.77%	10.653%
45	12.251	1693	1700	1704	rVB	3947369	6744274	4.24%	0.966%
46	12.306	1704	1709	1710	rBV3	1269233	2005002	1.26%	0.287%
47	12.367	1710	1719	1730	rVB5	6131035	18902425	11.88%	2.707%
48	12.465	1730	1735	1739	rBV2	3755509	7639726	4.80%	1.094%
49	12.507	1739	1742	1744	rBV4	752529	985385	0.62%	0.141%
50	12.538	1744	1747	1750	rBV	2230448	2337373	1.47%	0.335%
51	12.623	1756	1761	1762	rBV3	1054251	1627143	1.02%	0.233%
52	12.647	1762	1765	1769	rVV	3434913	4641206	2.92%	0.665%
53	12.696	1769	1773	1782	rVV4	1386128	3655889	2.30%	0.524%
54	12.782	1782	1787	1794	rVB3	3157288	7788238	4.90%	1.115%
55	12.861	1794	1800	1804	rBV2	6561996	11560023	7.27%	1.656%
56	12.940	1804	1813	1818	rVV3	12752943	30214644	19.00%	4.327%
57	12.989	1818	1821	1825	rVB2	2264841	3065057	1.93%	0.439%
58	13.080	1831	1836	1837	rBV2	1932722	2746708	1.73%	0.393%
59	13.160	1845	1849	1856	rVB	7868404	12270423	7.71%	1.757%
60	13.245	1857	1863	1868	rBV	13630659	22469161	14.13%	3.218%
61	13.288	1868	1870	1875	rVB2	1531309	1872846	1.18%	0.268%
62	13.342	1875	1879	1882	rBV2	1783856	3016339	1.90%	0.432%
63	13.373	1882	1884	1888	rVB2	1783670	2297786	1.44%	0.329%
64	13.440	1888	1895	1899	rBV3	8466276	16716068	10.51%	2.394%
65	13.483	1899	1902	1906	rVV2	4285526	6836891	4.30%	0.979%
66	13.550	1910	1913	1915	rBV2	2538548	2951149	1.86%	0.423%
67	13.580	1915	1918	1922	rVB	6077492	8307929	5.22%	1.190%
68	13.623	1922	1925	1931	rVB2	3016922	4157789	2.61%	0.595%
69	13.714	1932	1940	1942	rBV5	1765151	4604939	2.90%	0.660%
70	13.751	1942	1946	1949	rBV3	2667649	3805709	2.39%	0.545%
71	13.788	1949	1952	1960	rVB4	3101049	5777622	3.63%	0.827%
72	13.873	1960	1966	1970	rBV2	10125907	17389681	10.93%	2.491%
73	13.916	1970	1973	1976	rBV2	1162787	1080317	0.68%	0.155%
74	13.946	1976	1978	1981	rVB	8711179	767557	0.48%	0.110%
75	14.013	1985	1989	1990	rBV2	1841225	2375123	1.49%	0.340%
76	14.092	1998	2002	2006	rVB	3932404	5521614	3.47%	0.791%

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 Title : SFAM01.0

77	14.196	2014	2019	2025	rBV2	3763082	6557217	4.12%	0.939%
78	14.257	2025	2029	2035	rVV5	1654667	3611095	2.27%	0.517%
79	14.342	2036	2043	2045	rVV3	3497392	7073588	4.45%	1.013%
80	14.385	2046	2050	2053	rVV3	7822922	13530554	8.51%	1.938%
81	14.422	2053	2056	2059	rVV3	4180456	6482384	4.08%	0.928%
82	14.452	2059	2061	2064	rVV	2488870	2842860	1.79%	0.407%
83	14.495	2064	2068	2071	rVV	2848432	3713667	2.33%	0.532%
84	14.543	2071	2076	2082	rVB6	2748861	4881867	3.07%	0.699%
85	14.635	2082	2091	2096	rBV4	1129646	2973615	1.87%	0.426%
86	14.720	2101	2105	2110	rVV4	2621415	4590068	2.89%	0.657%
87	14.787	2111	2116	2120	rVV3	6435230	12258503	7.71%	1.756%
88	14.830	2120	2123	2132	rVB2	4399186	8589007	5.40%	1.230%
89	14.952	2140	2143	2149	rVB2	1579512	2632320	1.66%	0.377%
90	15.056	2156	2160	2164	rVB6	1107555	1708050	1.07%	0.245%
91	15.318	2198	2203	2207	rBV	3271095	5494473	3.45%	0.787%
92	15.360	2207	2210	2215	rVB	1585944	2384681	1.50%	0.342%
93	15.549	2238	2241	2243	rBV2	388800	562982	0.35%	0.081%
94	15.623	2249	2253	2255	rBV3	587894	911376	0.57%	0.131%
95	15.720	2265	2269	2276	rVB4	939690	1808629	1.14%	0.259%
96	15.860	2288	2292	2296	rBV2	648130	994856	0.63%	0.142%
97	16.208	2346	2349	2355	rVB2	787830	1280765	0.81%	0.183%
98	16.275	2356	2360	2368	rVB	849463	1634577	1.03%	0.234%
99	16.433	2381	2386	2391	rBV	763005	1486900	0.93%	0.213%
100	16.635	2414	2419	2433	rVB3	1107734	3251544	2.04%	0.466%

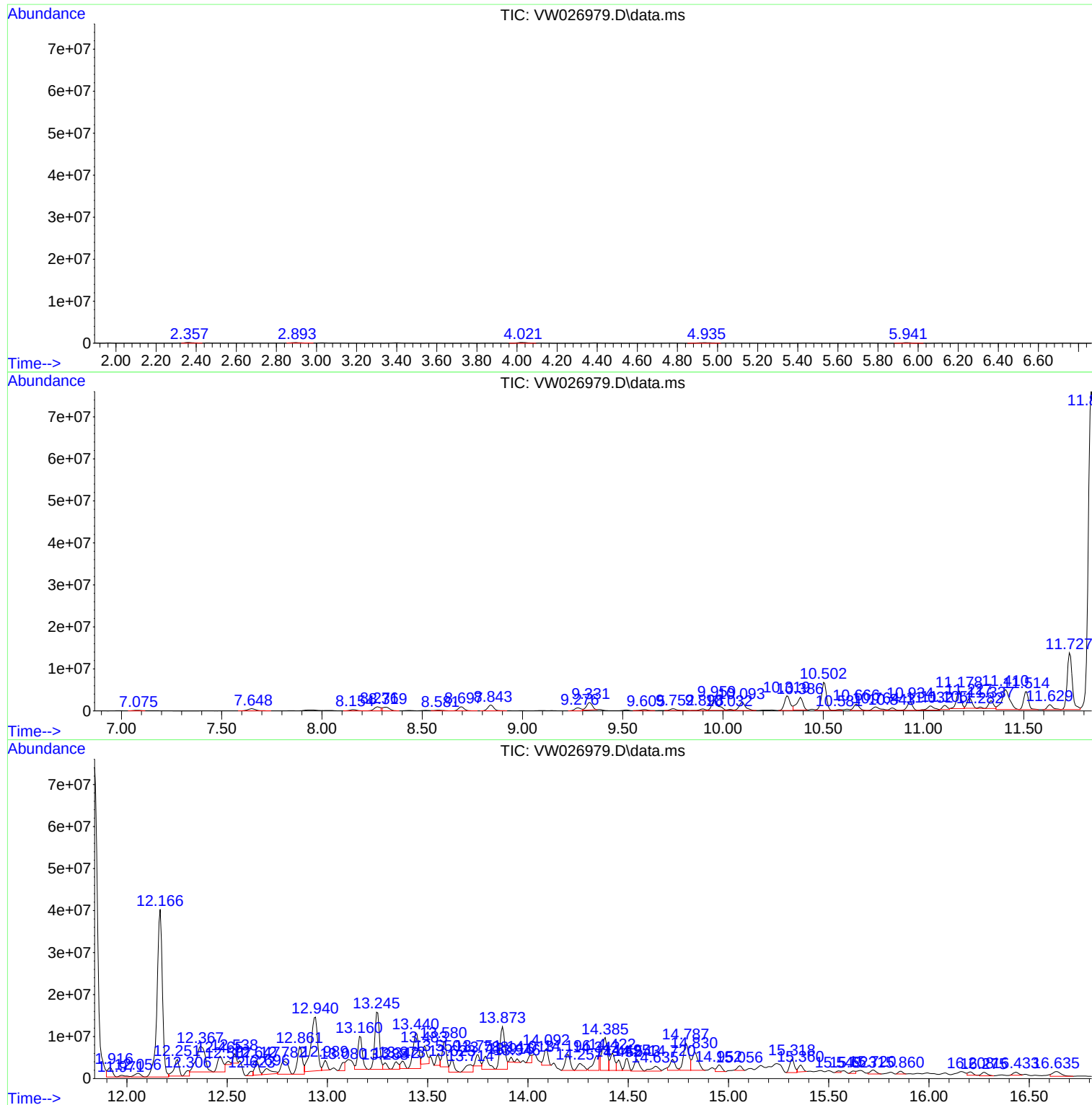
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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



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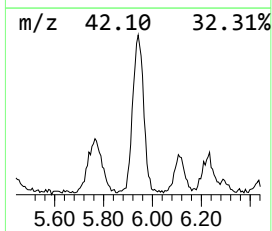
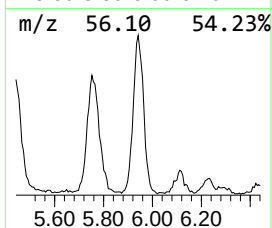
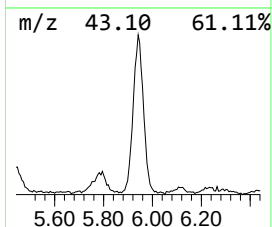
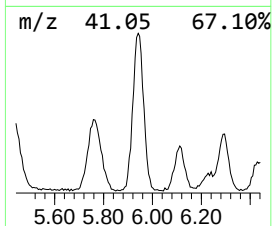
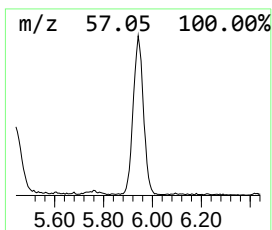
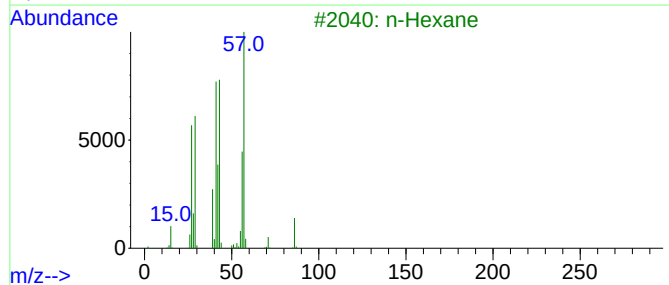
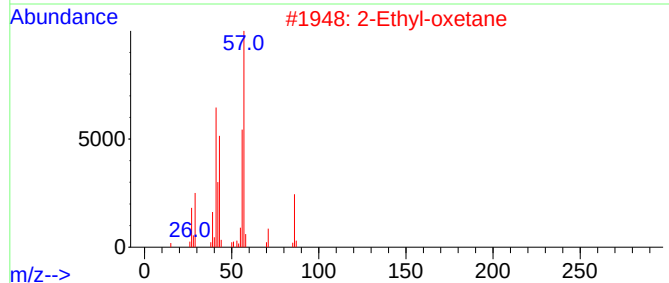
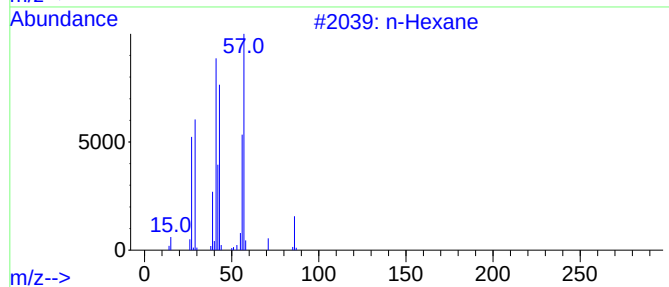
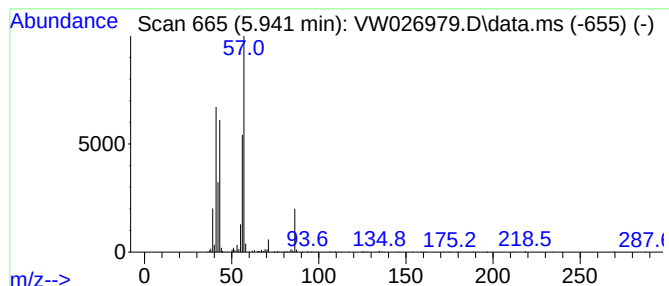
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	3.33 ug/L	385242	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	72
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
3			n-Hexane	86	C6H14	000110-54-3	53
4			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5			Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47



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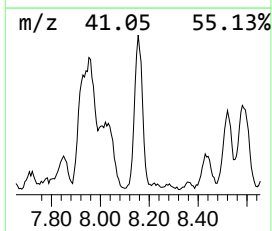
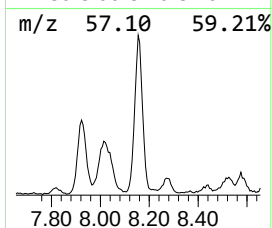
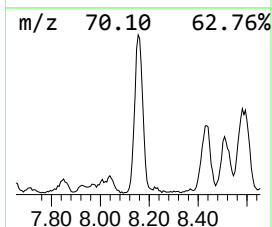
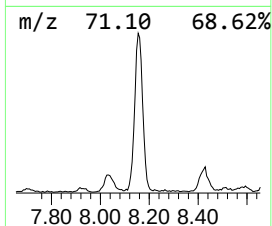
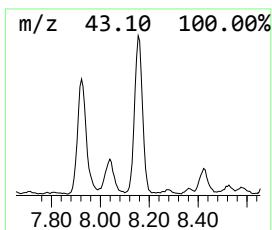
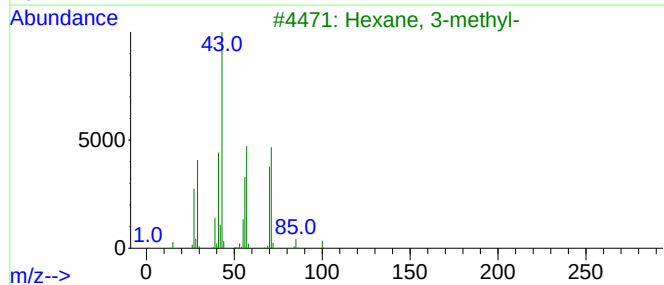
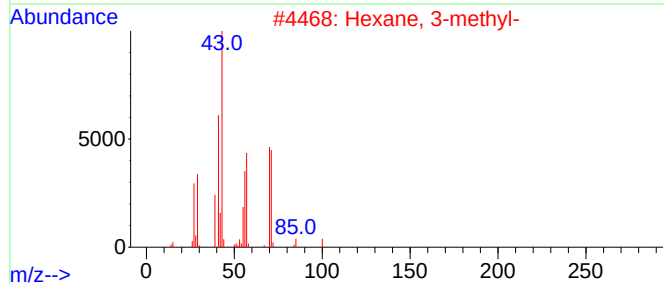
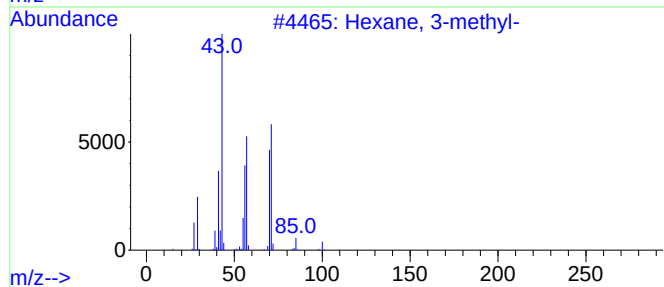
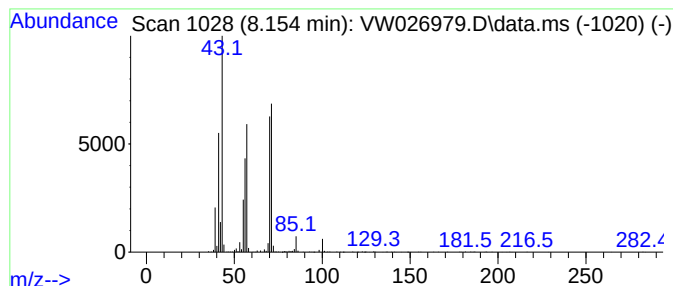
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD		R.T.
8.154	5.35 ug/L	618754	1,4-Difluorobenzene		8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-		100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-		100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-		100	C7H16	000589-34-4	83
4	Heptane		100	C7H16	000142-82-5	72
5	Heptane, 4-methyl-		114	C8H18	000589-53-7	53



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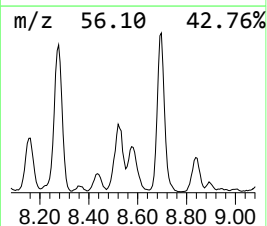
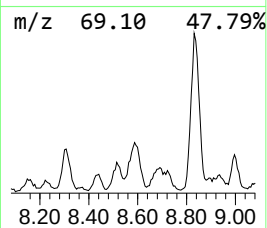
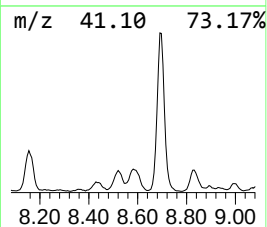
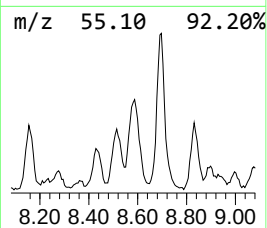
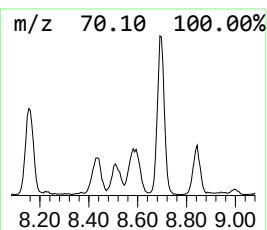
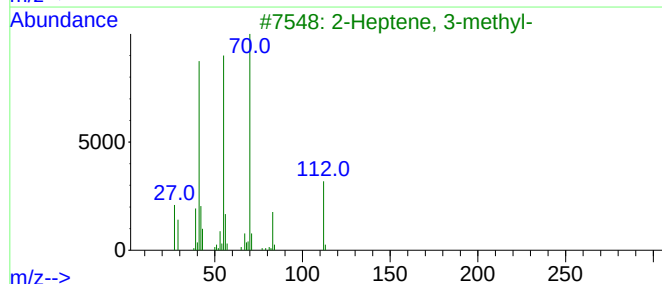
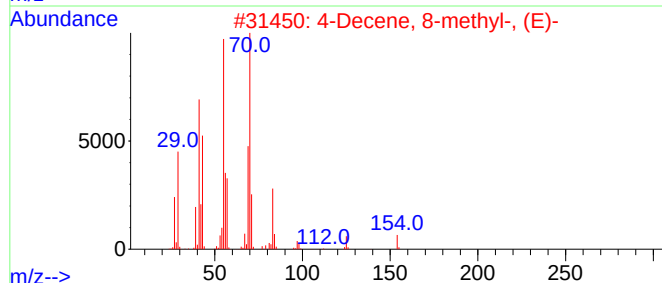
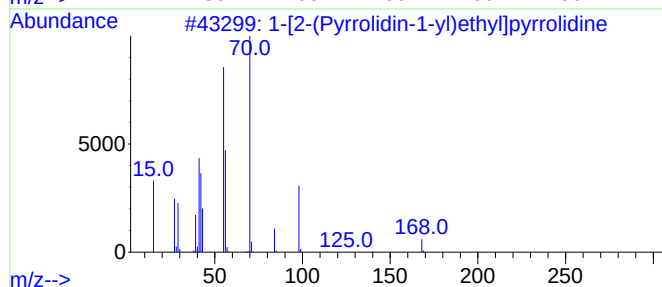
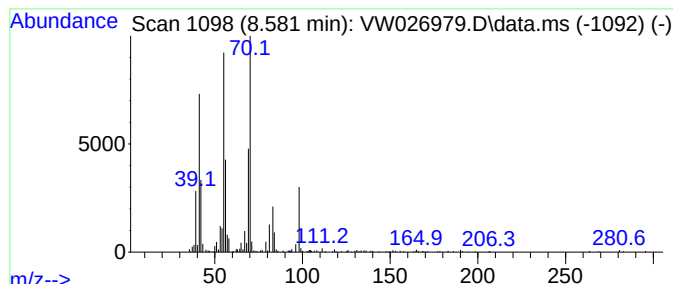
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Quant Title : SFAM01.0

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

Peak Number 3 1-[2-(Pyrrolidin-1-yl)ethyl]... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.581	3.35 ug/L	387308	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1	1-[2-(Pyrrolidin-1-yl)ethyl]pyrr...	168	C10H20N2	1000486-86-3	64
2	4-Decene, 8-methyl-, (E)-		154	C11H22	062338-50-5	53
3	2-Heptene, 3-methyl-		112	C8H16	003404-75-9	47
4	2-Butene, 2-methyl-		70	C5H10	000513-35-9	46
5	Cycloheptane		98	C7H14	000291-64-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

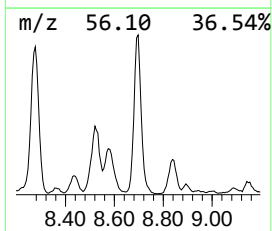
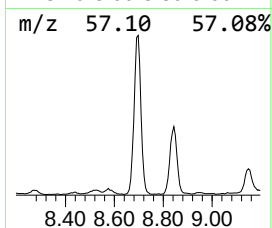
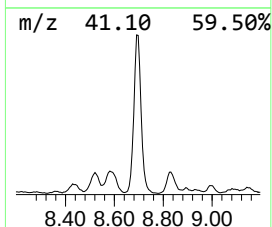
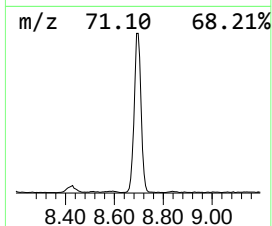
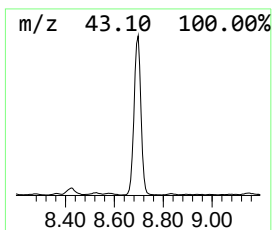
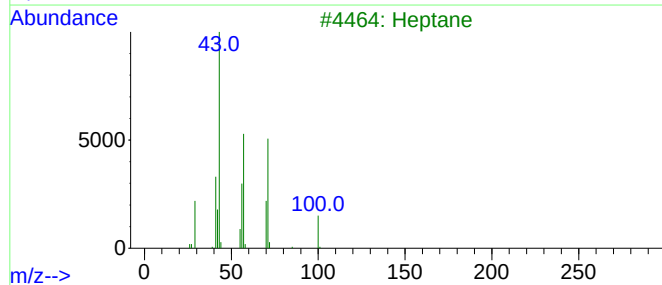
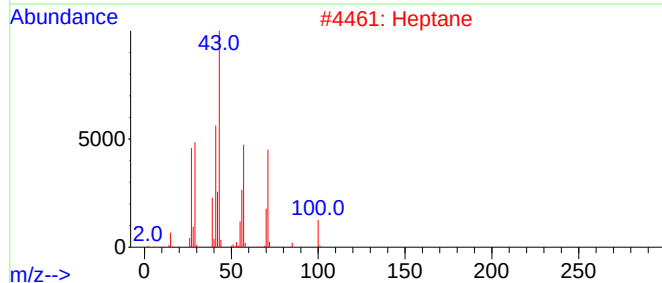
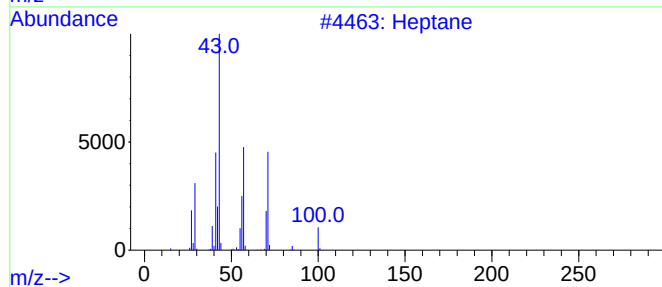
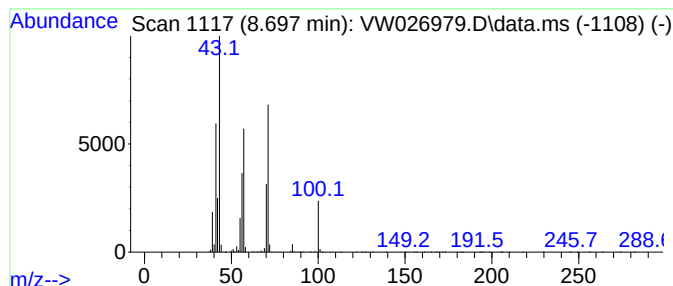
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.697	16.47 ug/L	1904620	1,4-Difluorobenzene	8.843	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	68
4	Heptane	100	C7H16	000142-82-5	52
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

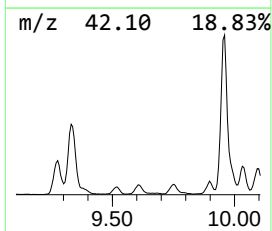
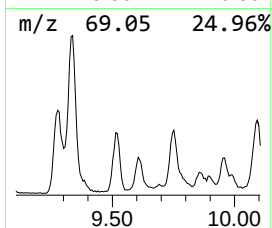
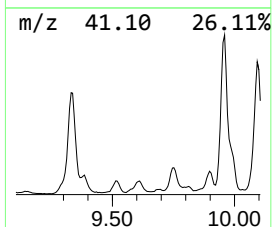
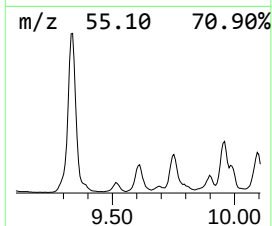
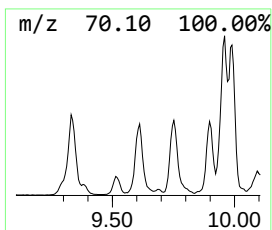
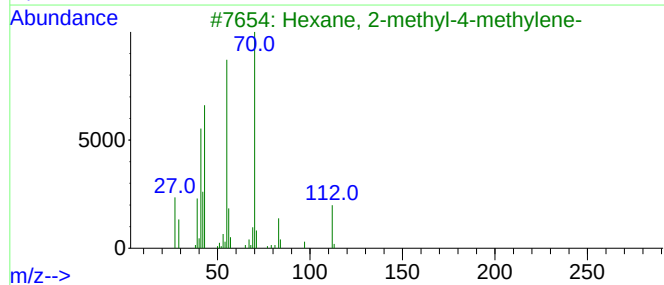
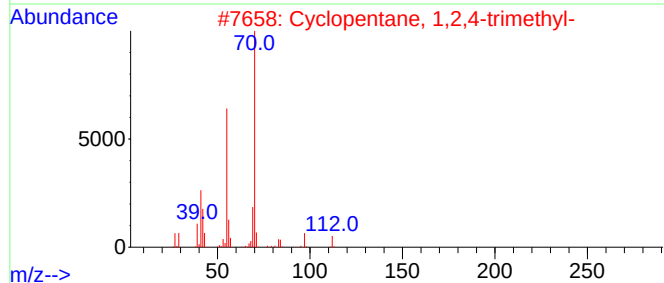
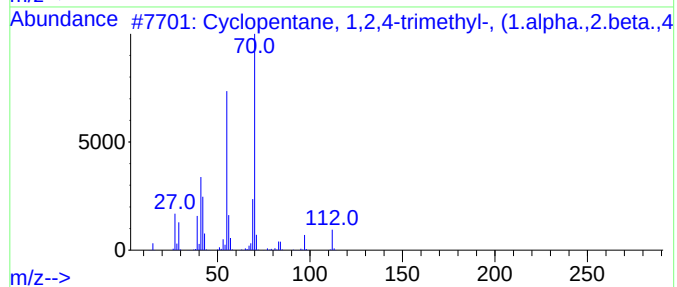
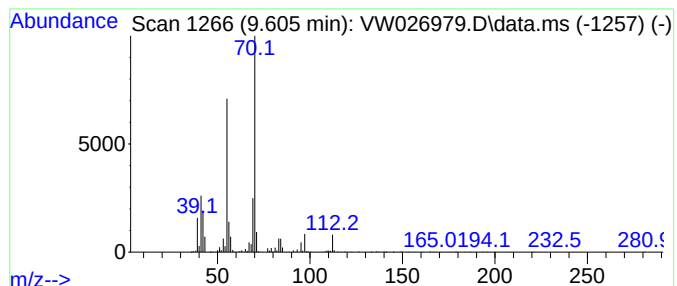
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic9.605 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.605	5.53 ug/L	639696	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	86
4			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	83
5			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

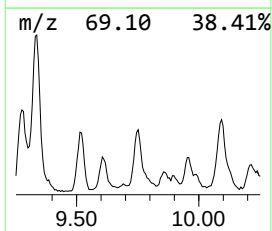
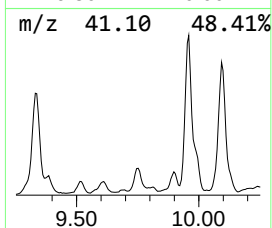
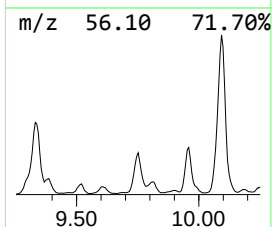
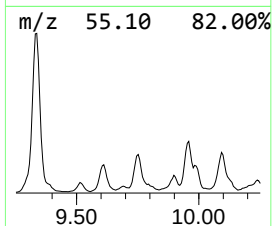
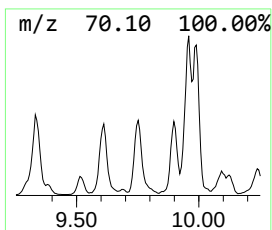
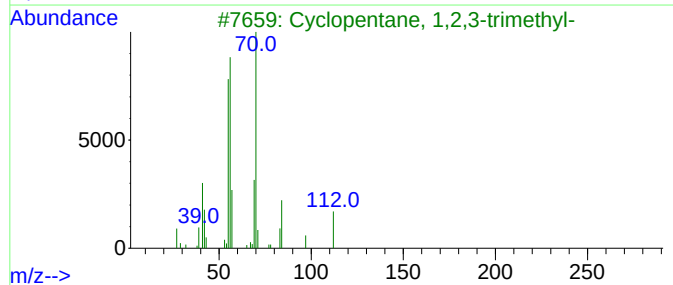
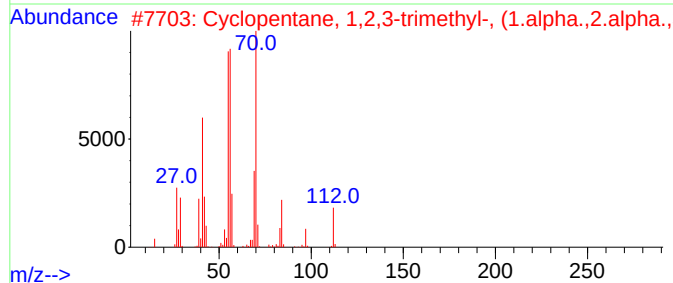
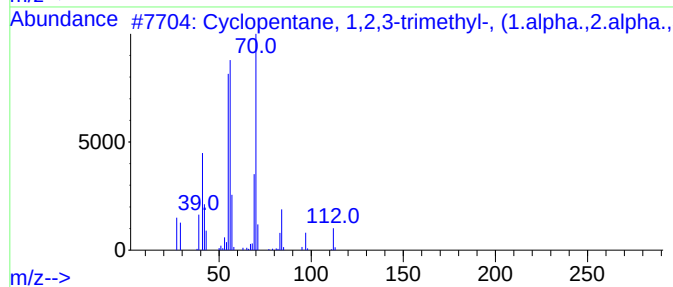
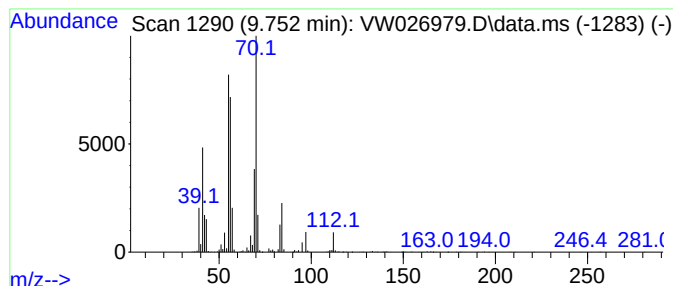
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic9.752 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	8.31 ug/L	960688	1,4-Difluorobenzene	8.843

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	015890-40-1	91
3			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	86
4			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	74
5			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

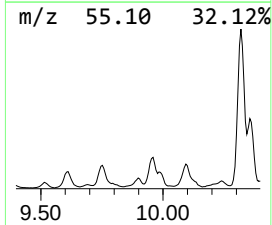
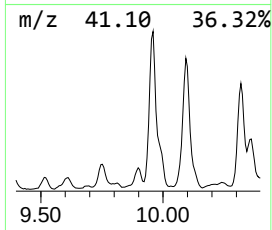
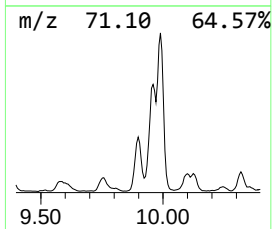
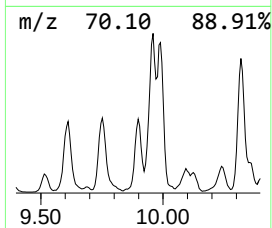
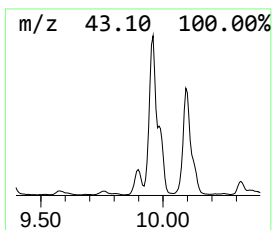
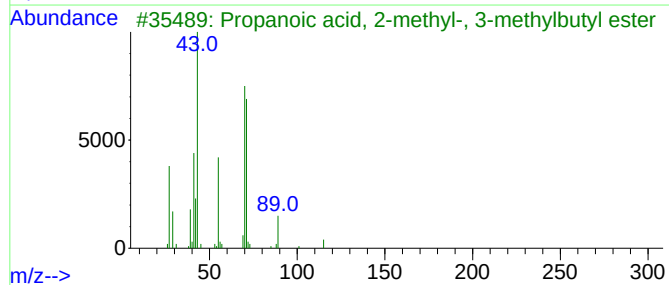
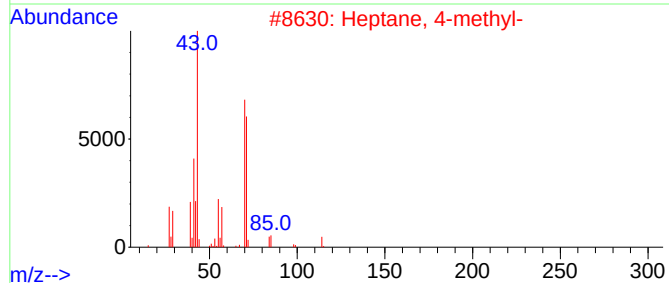
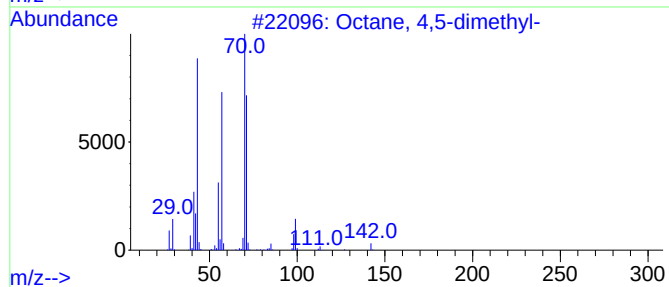
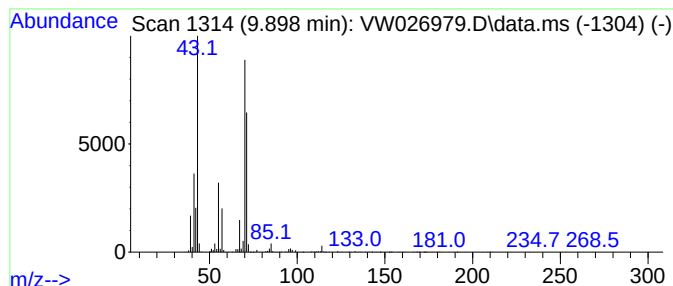
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.898	6.63 ug/L	766105	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	78
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3		Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	72
4		3,4-Diethyl hexane	142	C10H22	019398-77-7	72
5		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

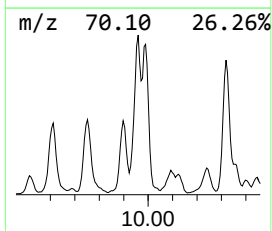
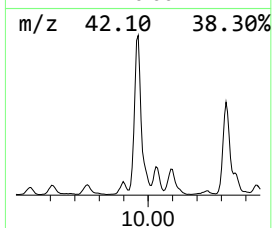
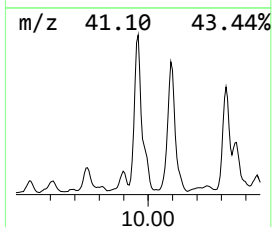
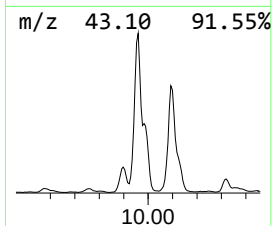
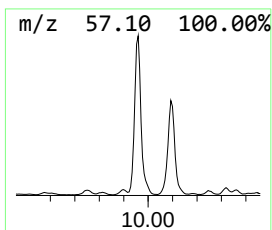
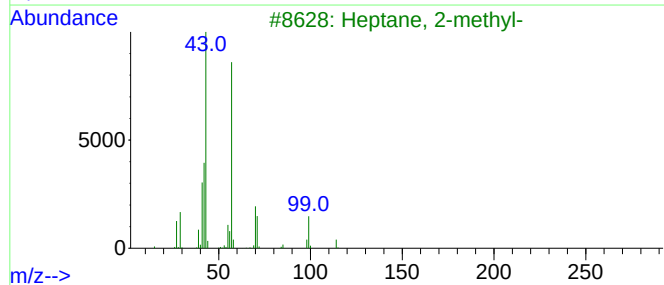
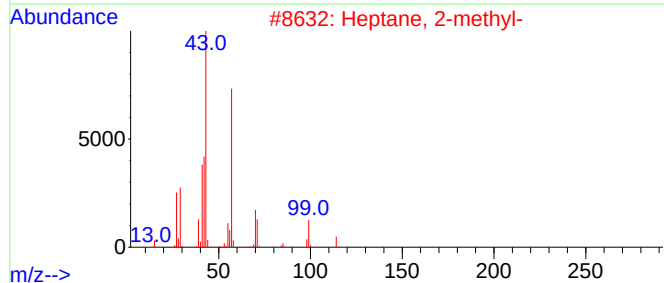
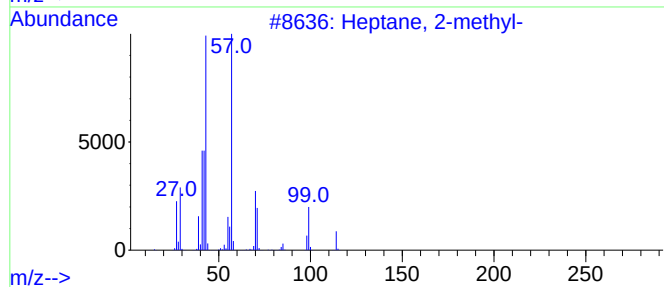
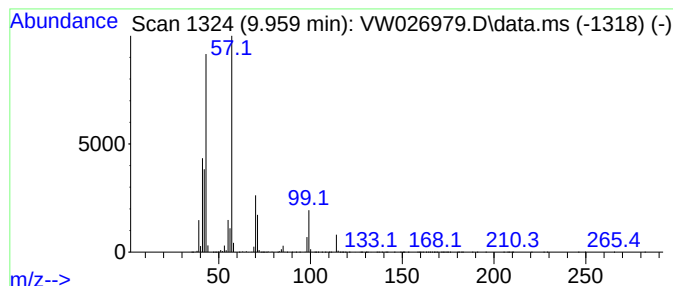
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.959	47.64 ug/L	5508680	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	97		
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	94		
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	94		
4	2-Piperidinone	99	C5H9NO	000675-20-7	64		
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	56		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

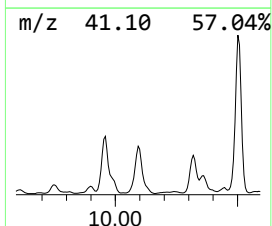
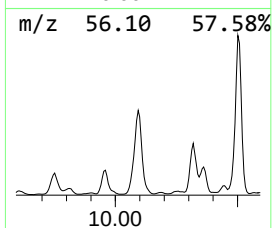
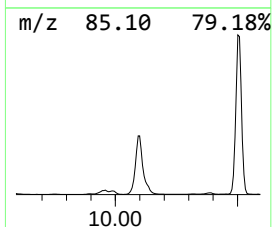
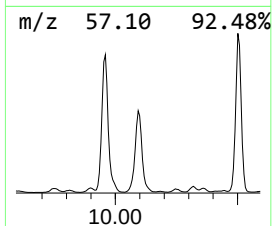
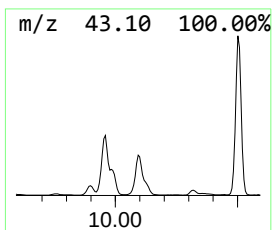
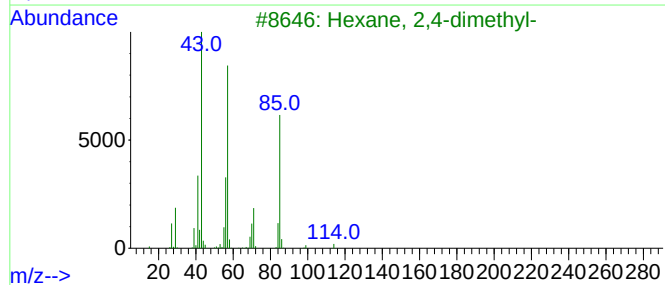
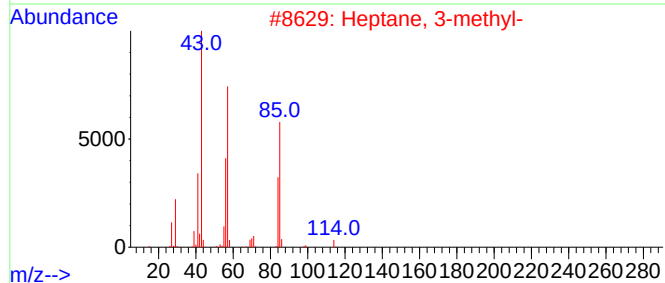
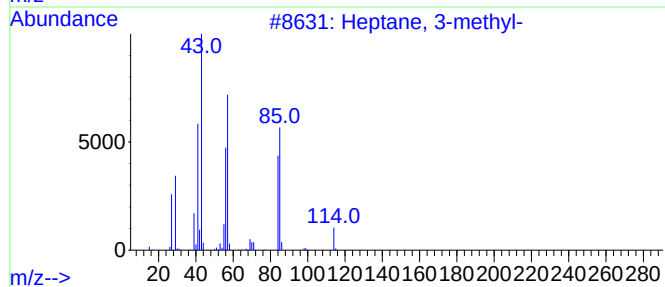
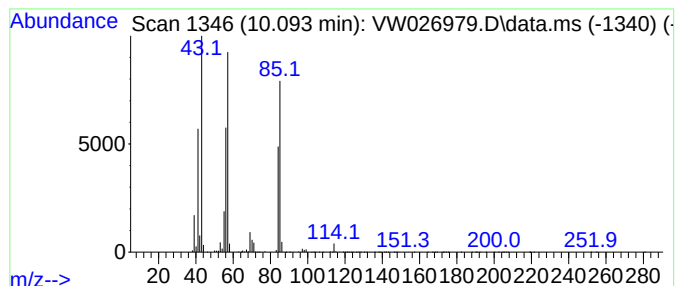
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	37.29 ug/L	4311600	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	91
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5		Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

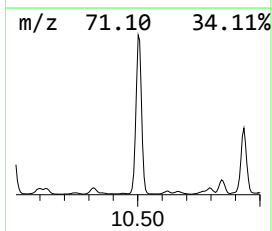
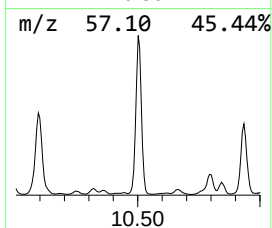
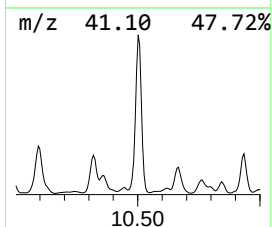
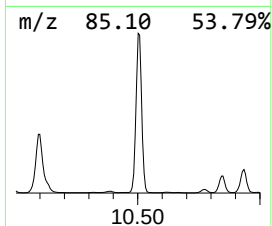
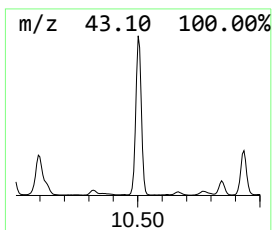
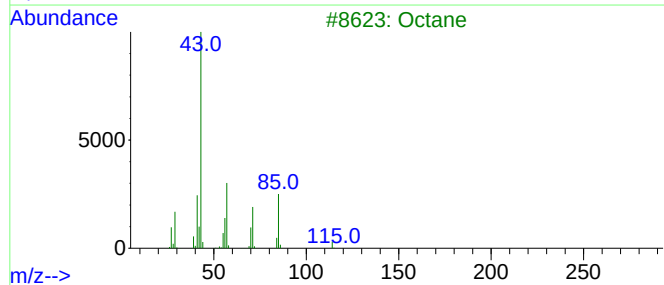
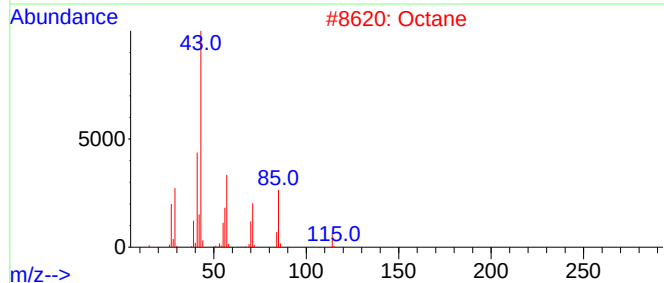
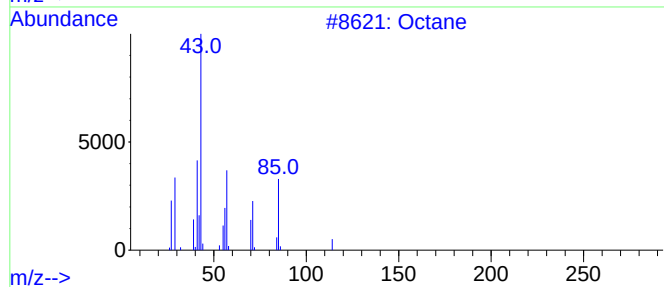
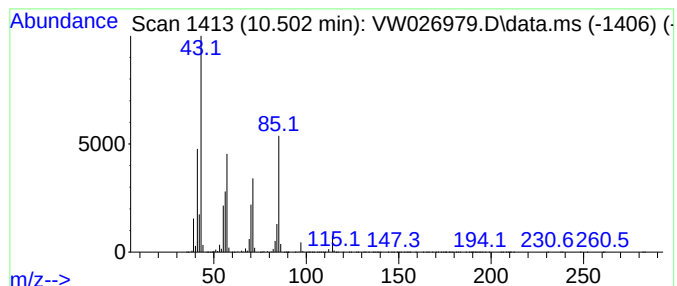
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	122.16 ug/L	11434800	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	91
2	Octane			114	C8H18	000111-65-9	91
3	Octane			114	C8H18	000111-65-9	91
4	Octane			114	C8H18	000111-65-9	87
5	Octane			114	C8H18	000111-65-9	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

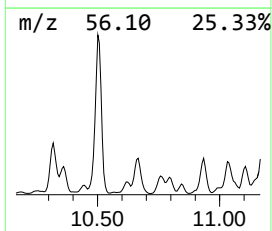
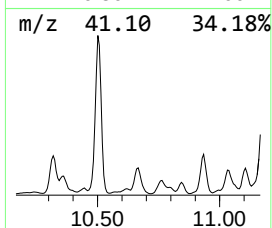
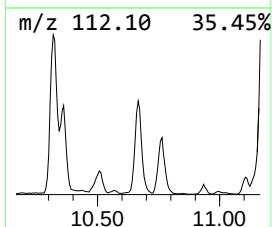
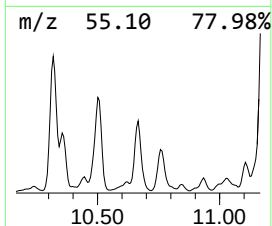
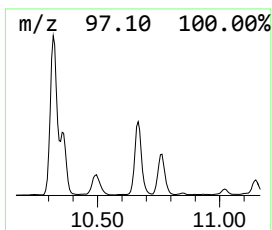
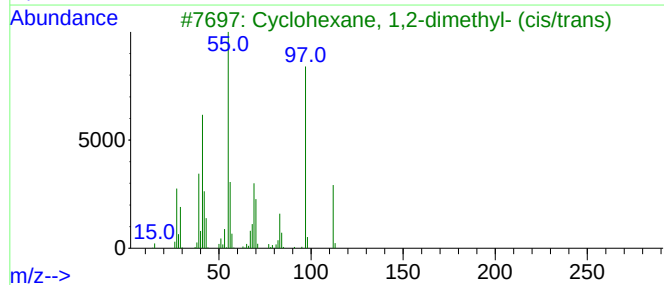
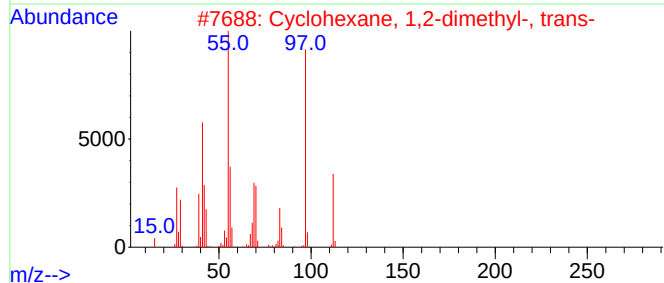
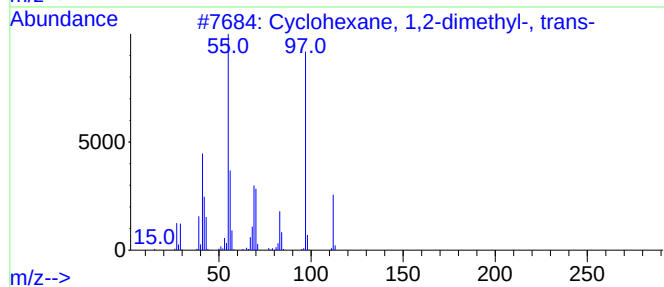
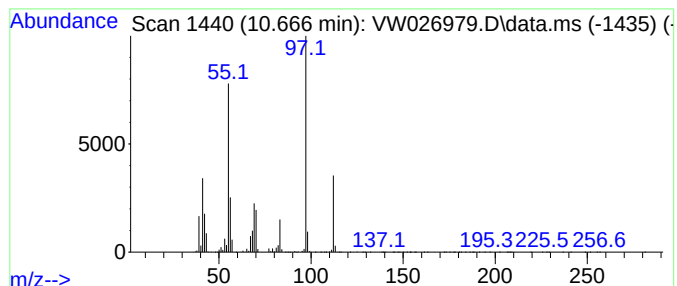
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic10.666 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	30.61 ug/L	2865310	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	91
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

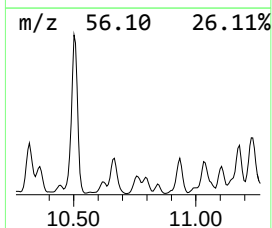
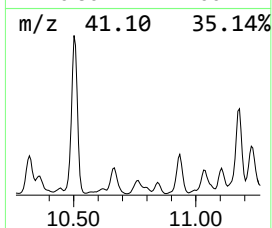
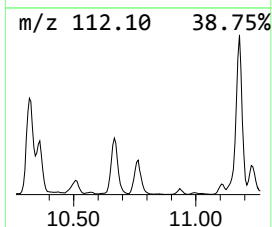
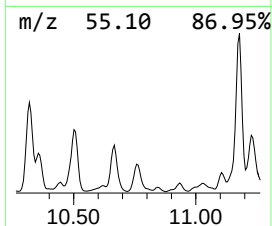
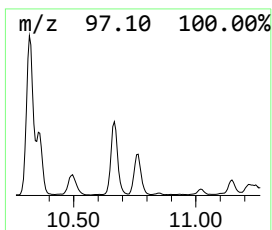
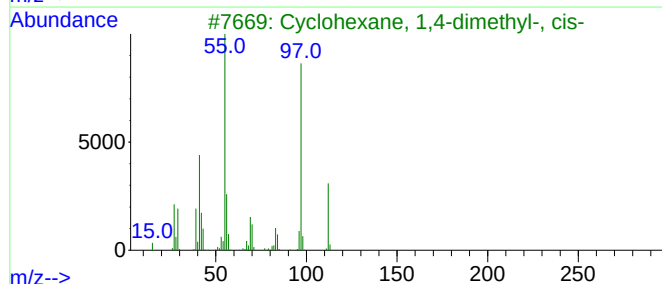
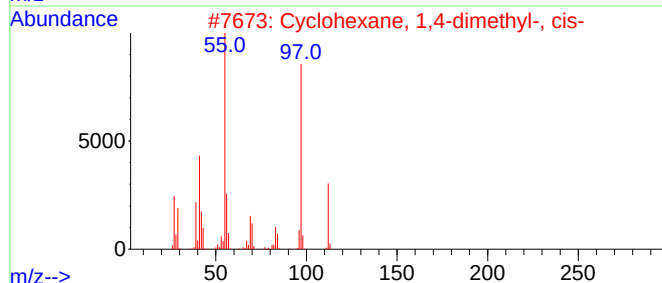
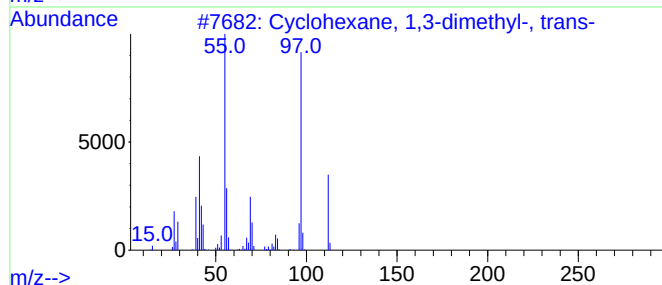
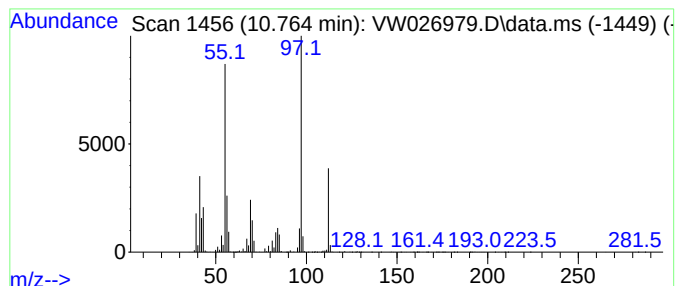
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic10.764 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.764	23.50 ug/L	2200050	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
2			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	95
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	95
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

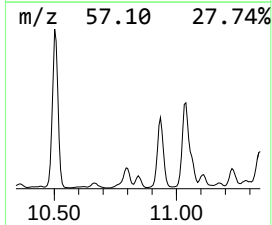
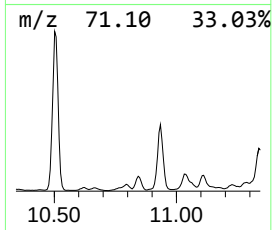
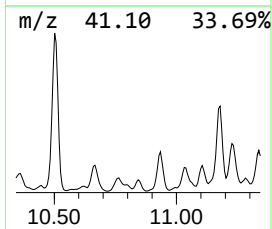
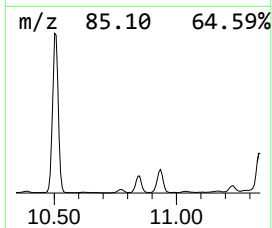
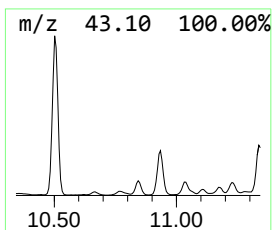
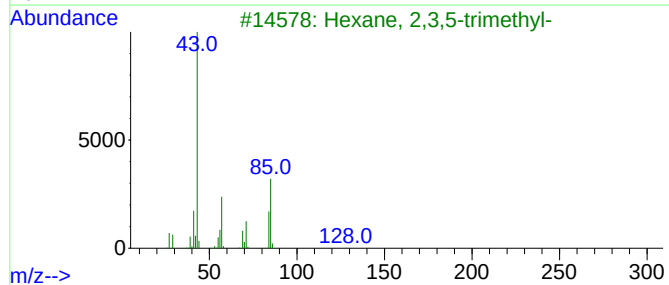
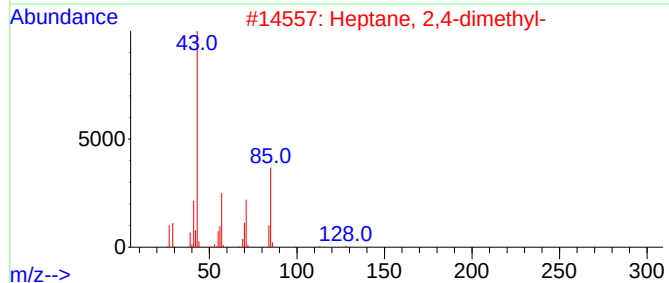
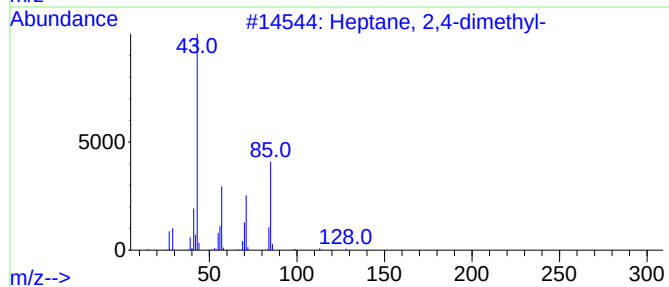
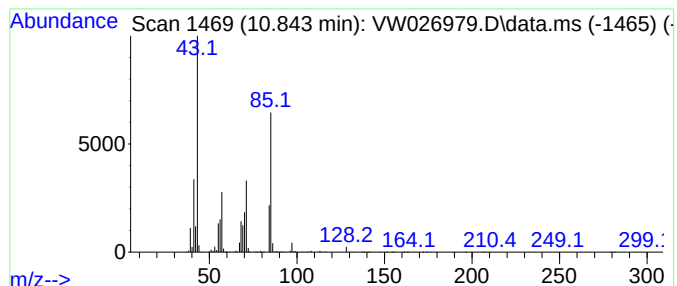
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.843	10.22 ug/L	956603	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	68
3			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	62
5			Octane, 4-methyl-	128	C9H20	002216-34-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

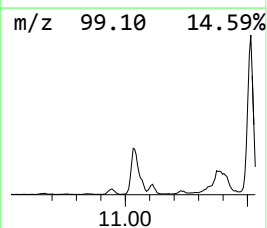
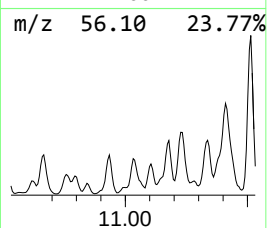
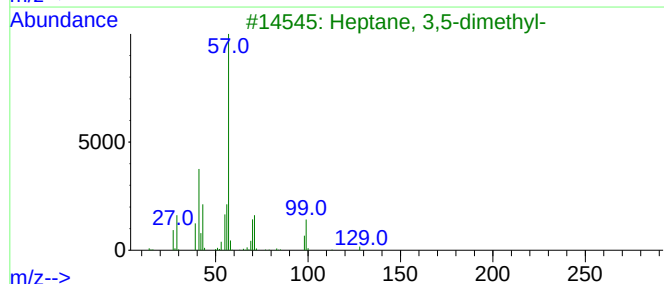
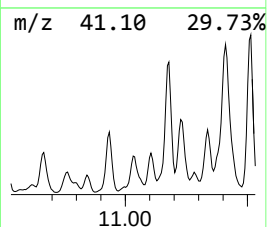
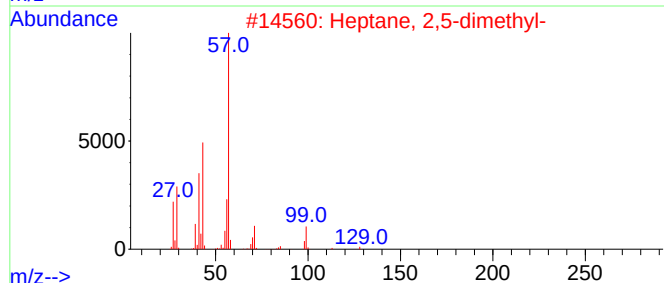
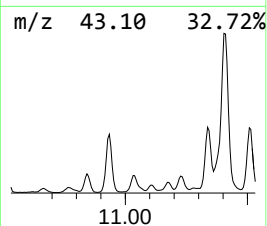
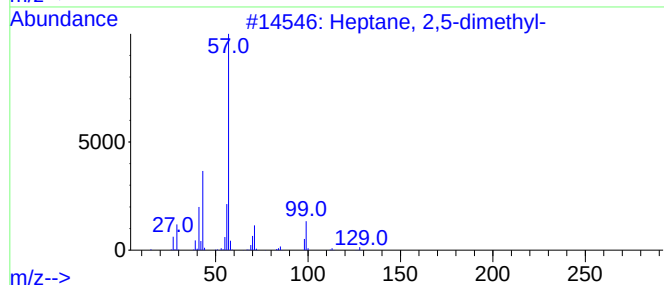
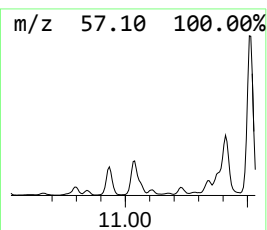
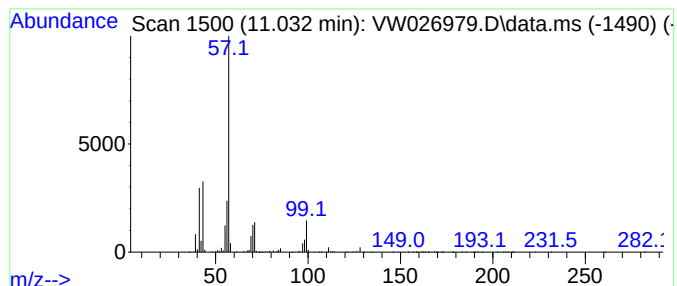
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	27.26 ug/L	2551990	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
3			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	83
4			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

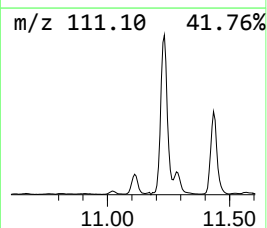
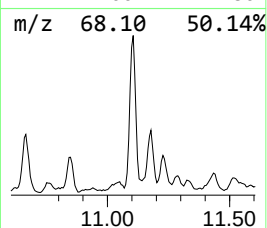
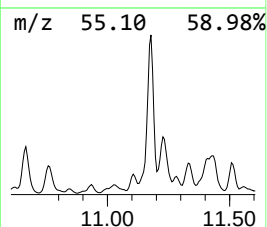
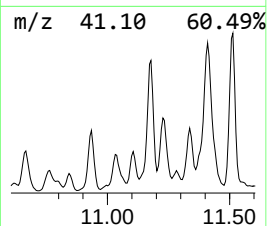
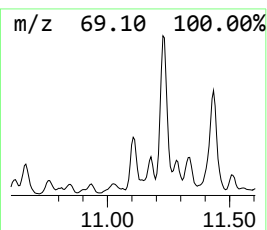
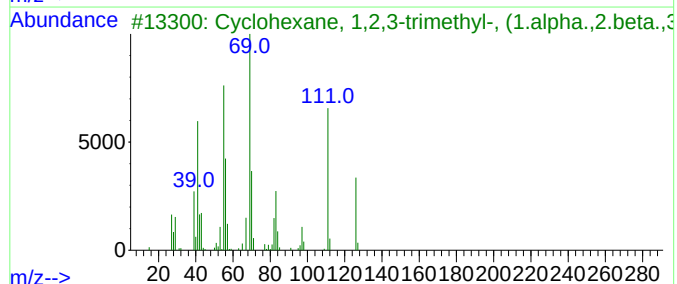
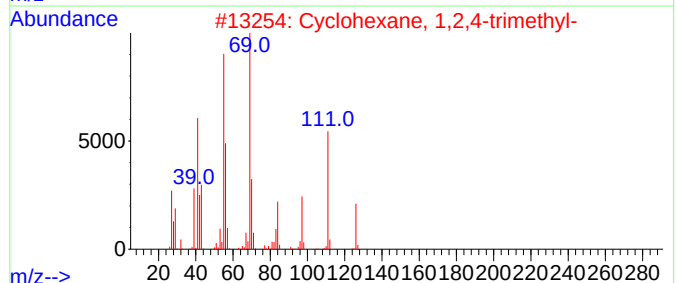
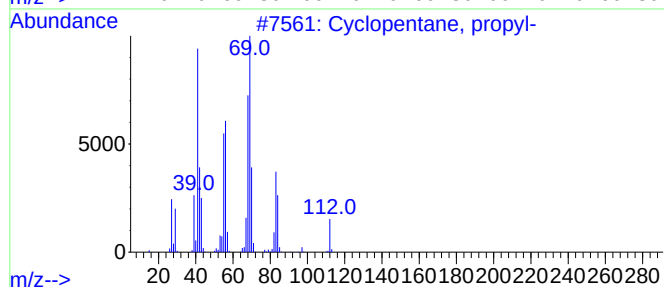
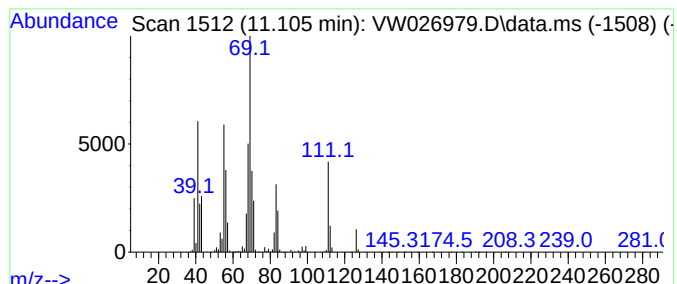
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic11.105 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.105	17.14 ug/L	1604740	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, propyl-	112	C8H16	002040-96-2	76
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	62
3		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	62
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
5		Cyclopentane, propyl-	112	C8H16	002040-96-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

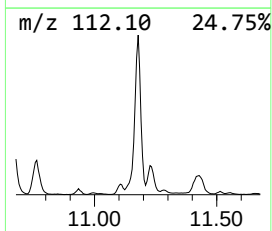
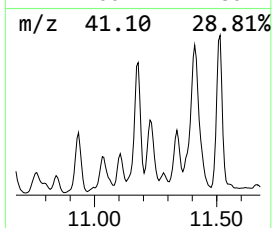
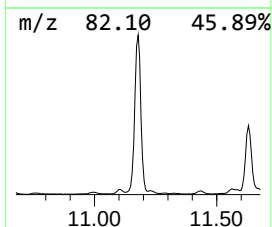
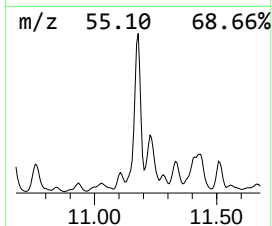
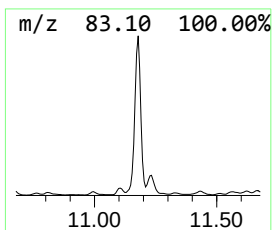
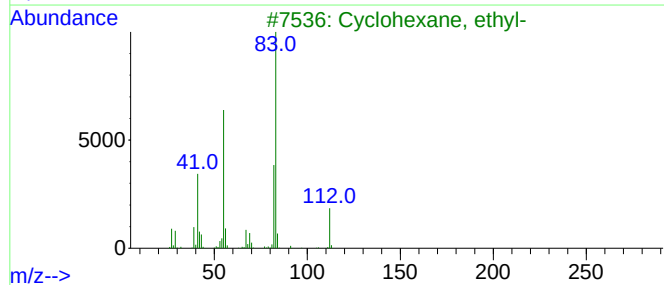
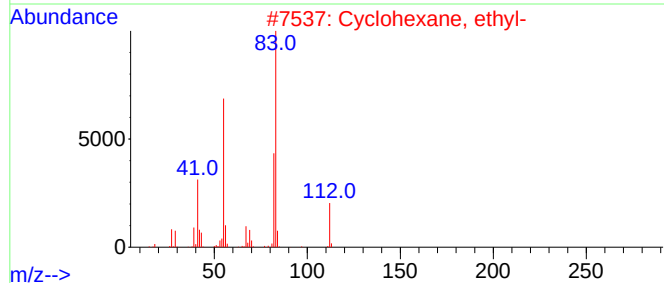
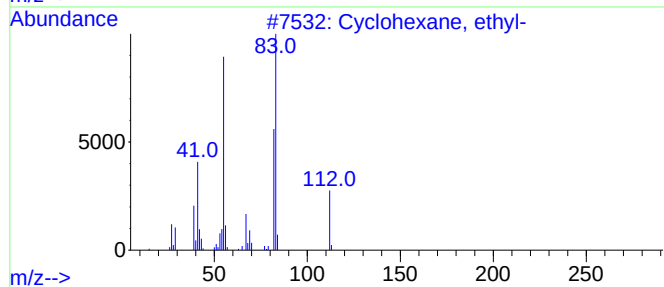
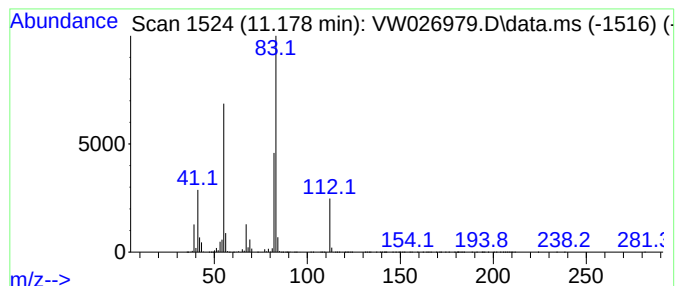
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic11.178 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	75.16 ug/L	7035170	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
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	90
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

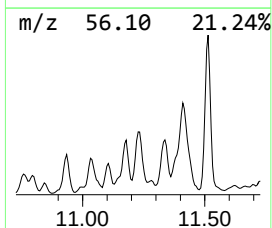
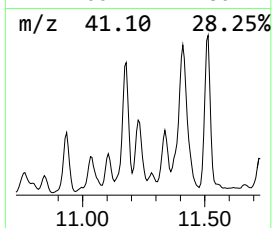
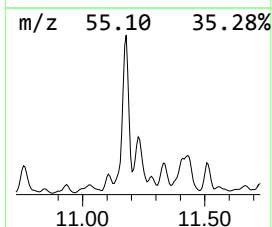
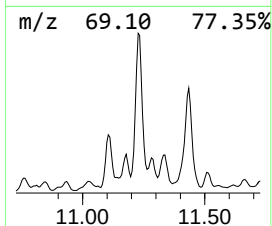
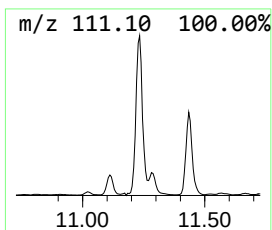
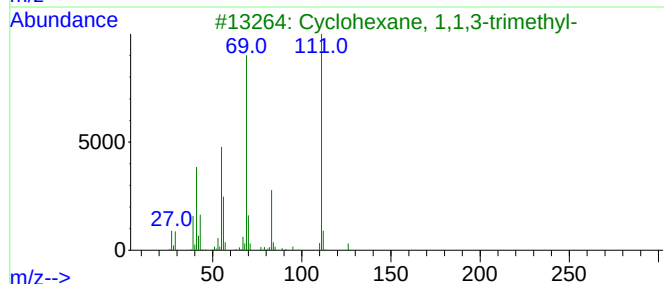
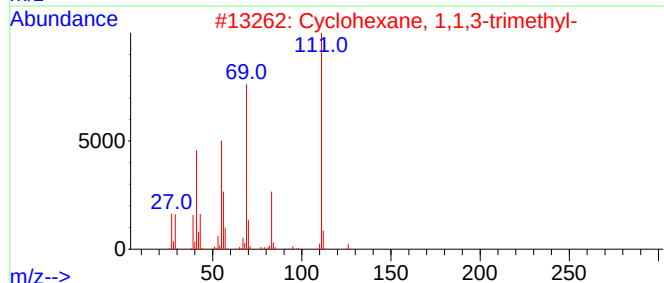
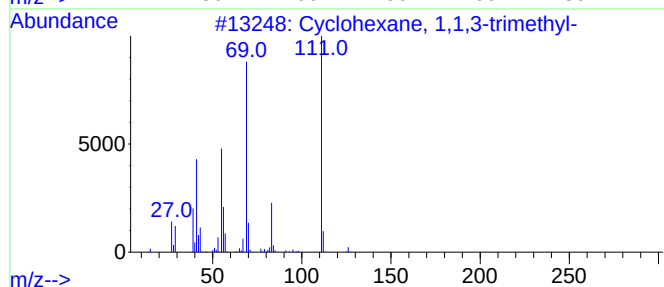
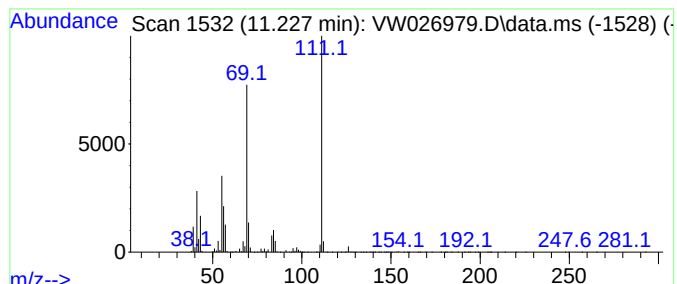
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic11.227 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	44.68 ug/L	4182360	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	50
5			1-Undecyn-4-ol	168	C11H20O	022127-86-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

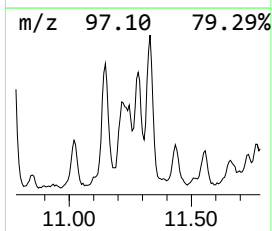
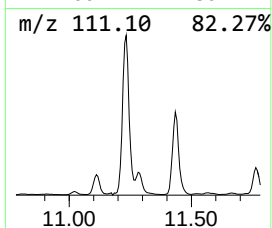
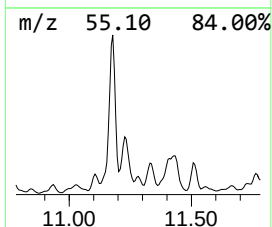
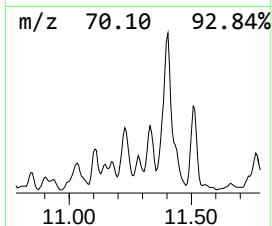
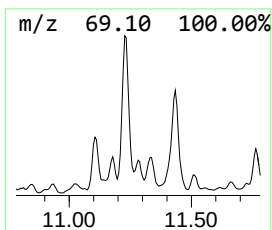
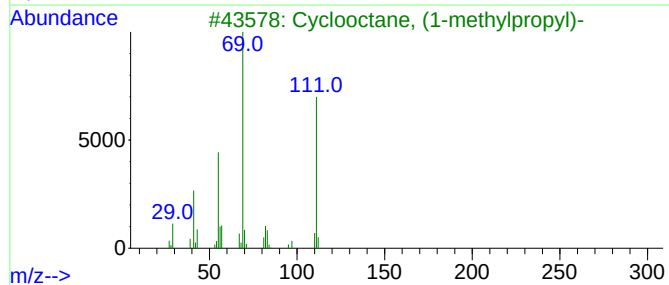
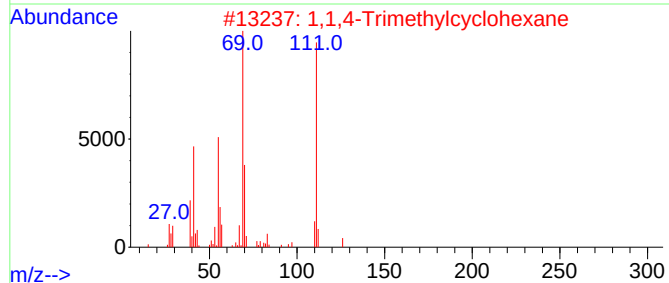
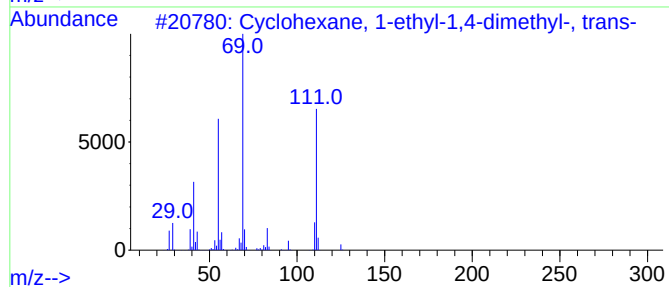
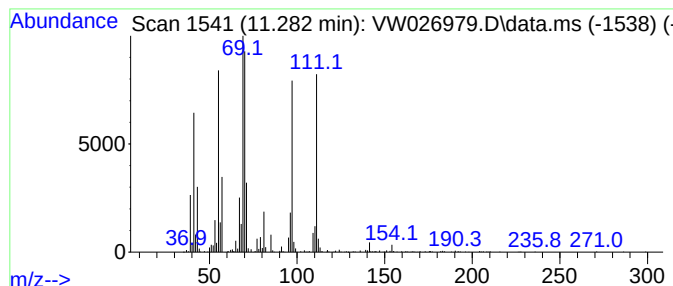
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic11.282 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.282	4.58 ug/L	428928	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	38
2		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	38
3		Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38
4		Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	38
5		Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

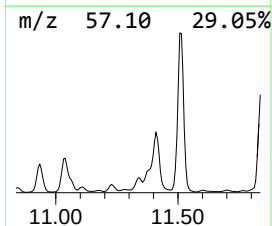
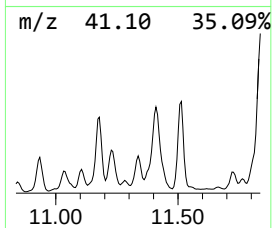
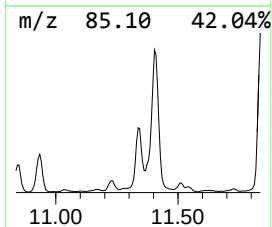
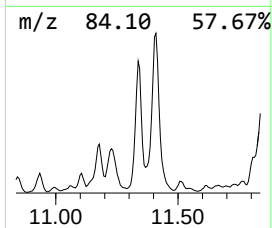
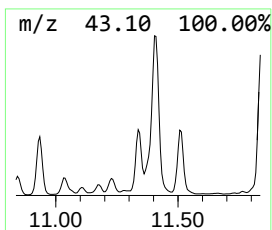
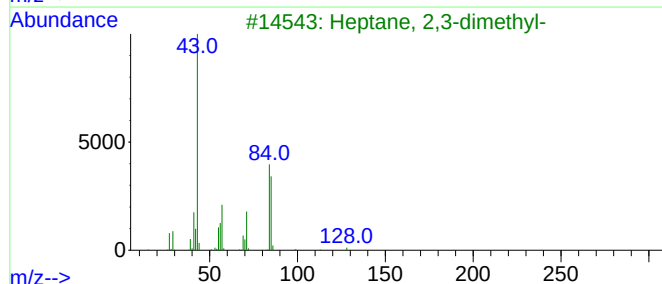
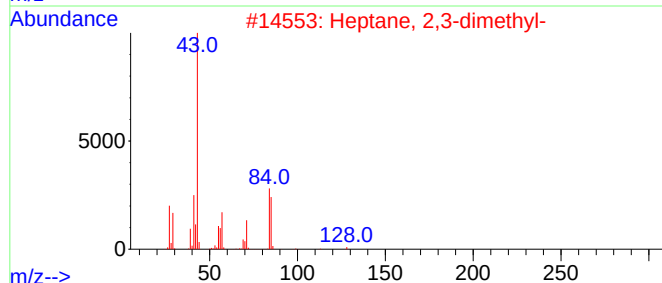
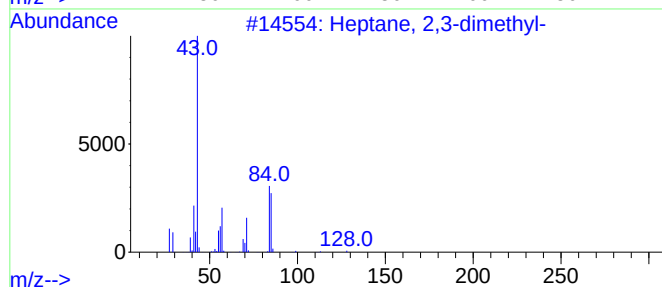
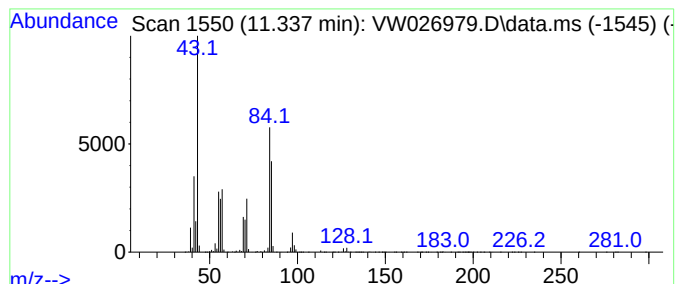
Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

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 20 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.337	33.60 ug/L	3144850	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	81
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	52
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

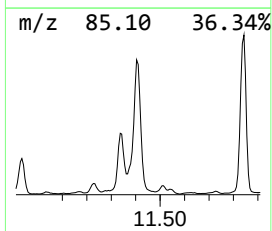
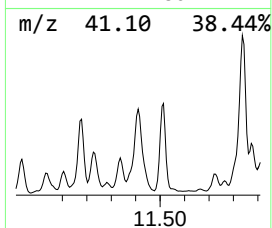
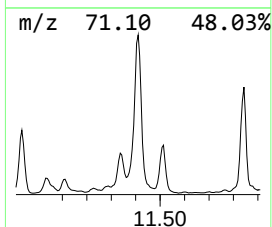
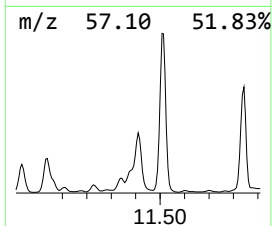
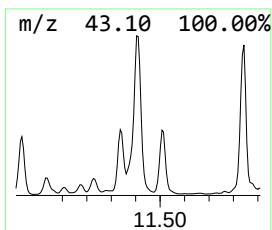
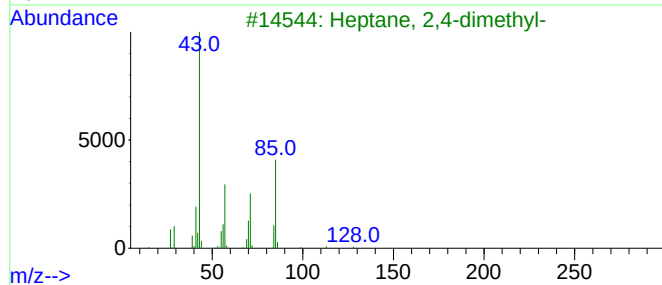
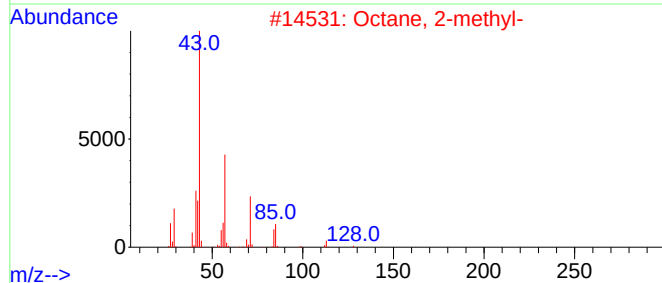
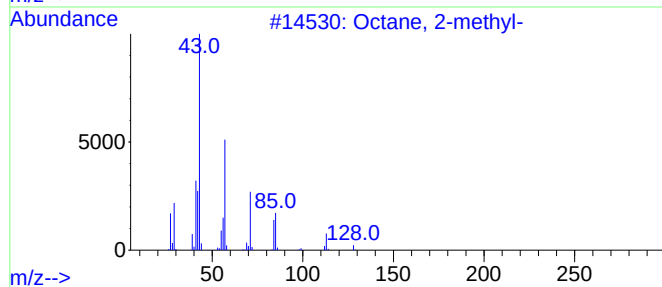
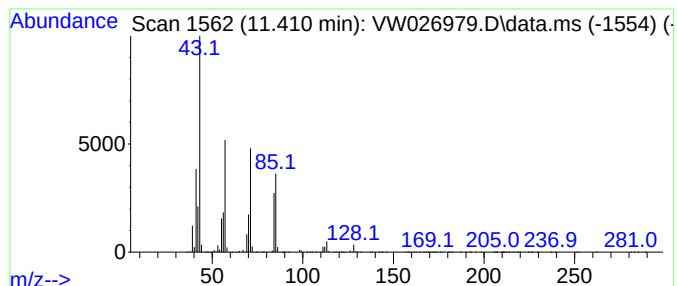
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	134.69 ug/L	12607500	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-			128	C9H20	003221-61-2	90
2	Octane, 2-methyl-			128	C9H20	003221-61-2	72
3	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	64
4	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	64
5	Dichloroacetic acid, 4-methylpen...			212	C8H14Cl2O2	1000282-43-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

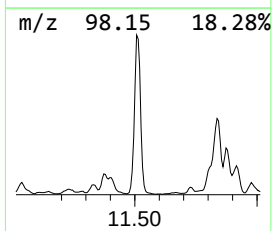
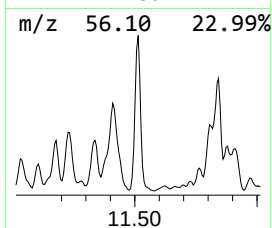
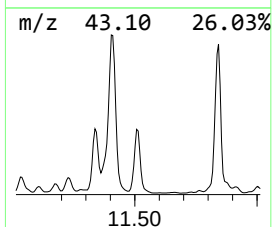
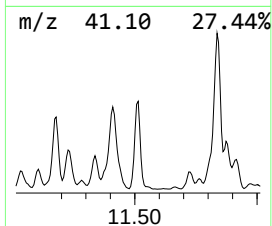
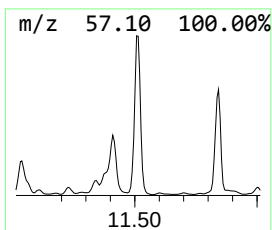
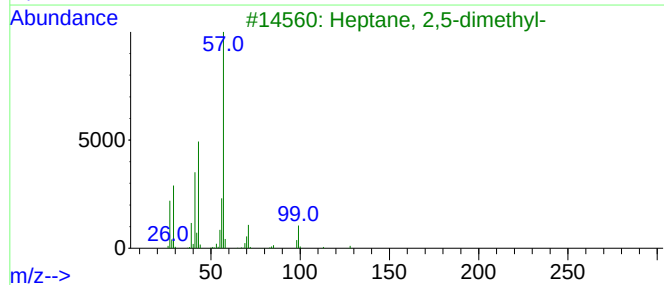
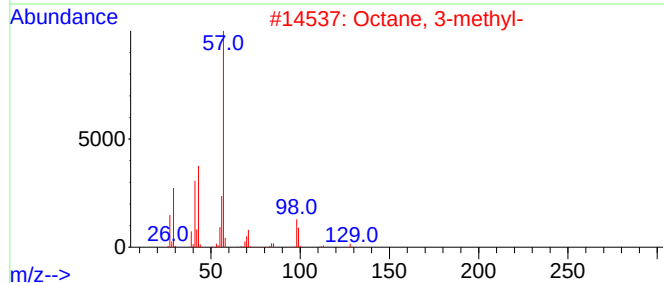
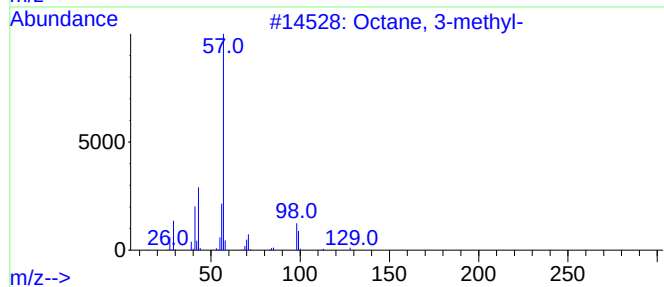
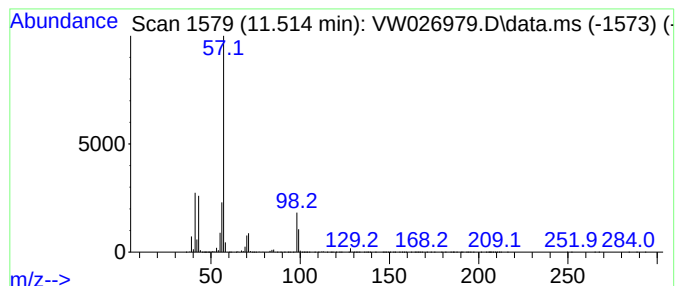
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.514	77.62 ug/L	7265240	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	91
2			Octane, 3-methyl-	128	C9H20	002216-33-3	90
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
4			Octane, 3-methyl-	128	C9H20	002216-33-3	86
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

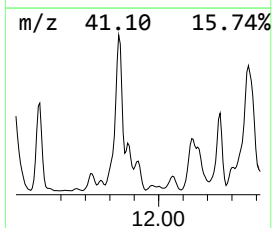
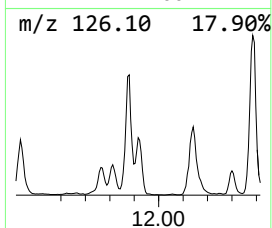
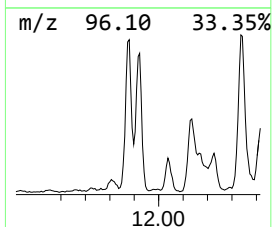
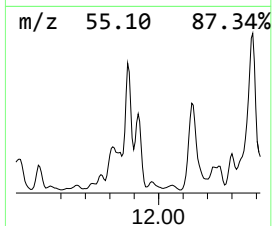
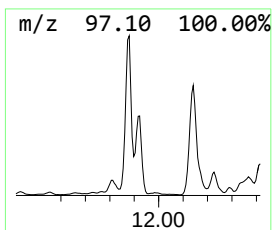
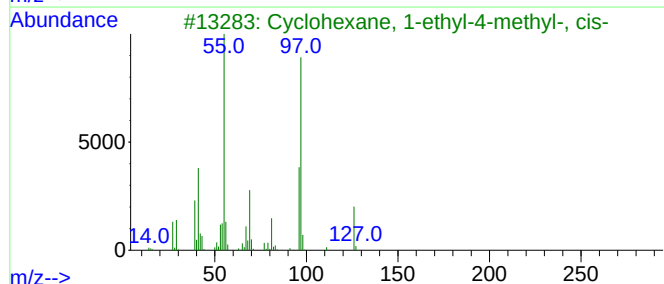
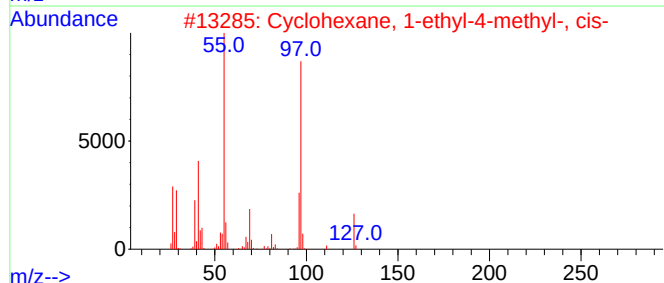
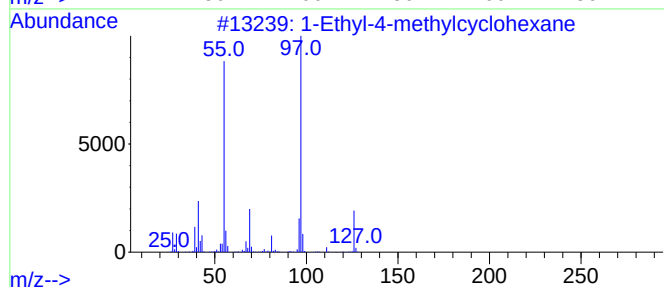
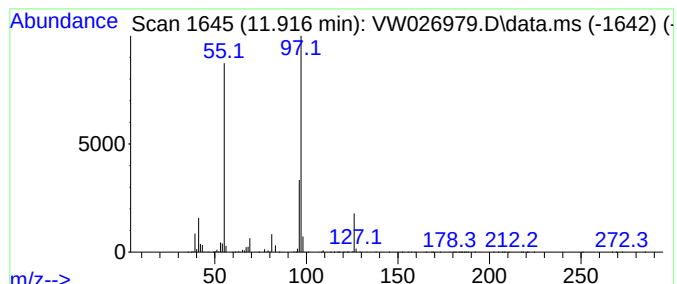
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Cyclic11.916 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	39.01 ug/L	3651190	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	86
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
5		4-Octen-3-one	126	C8H14O	014129-48-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

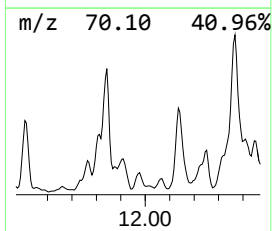
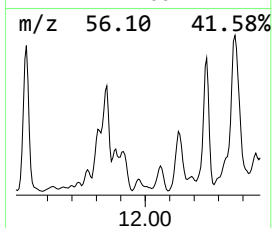
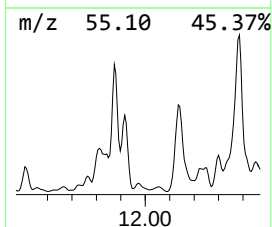
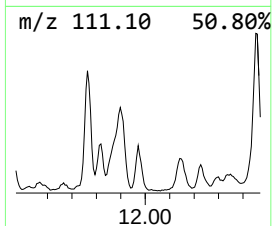
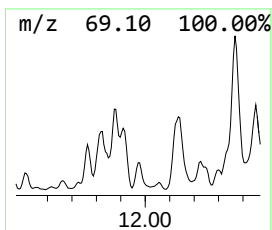
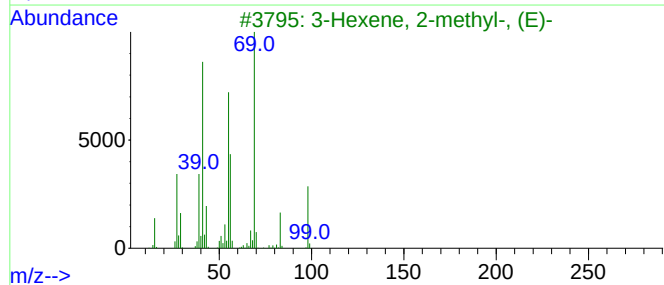
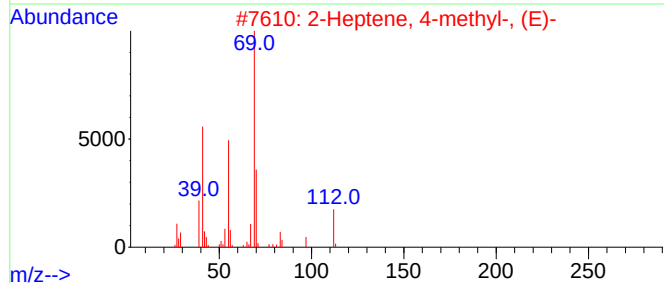
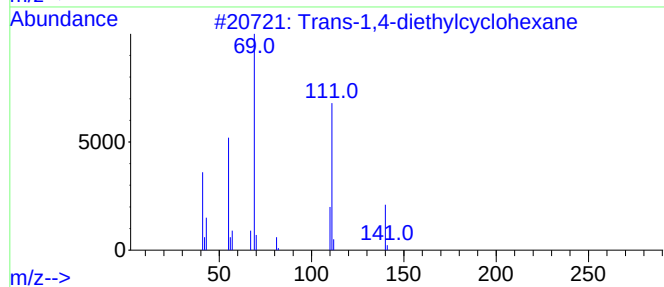
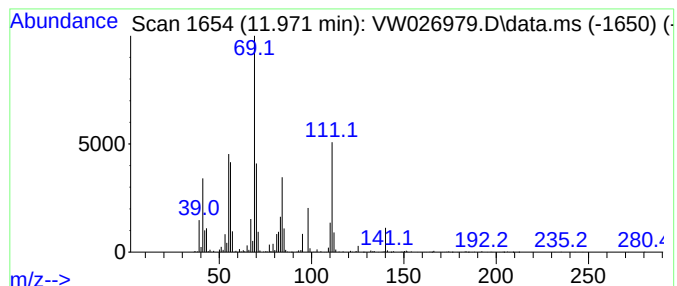
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic11.971 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.971	9.53 ug/L	892298	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	46
2		2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	43
3		3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
4		Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	43
5		Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

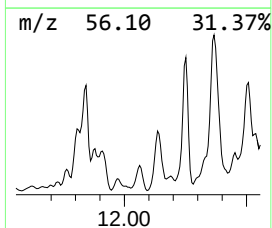
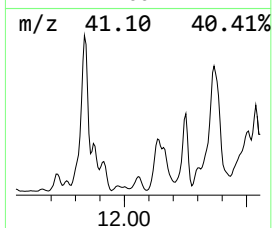
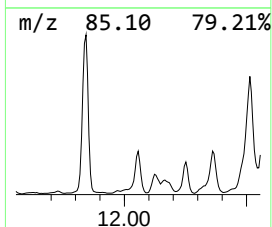
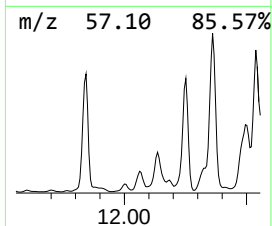
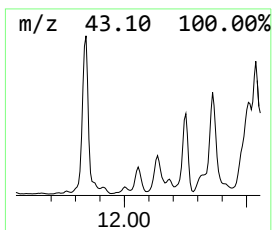
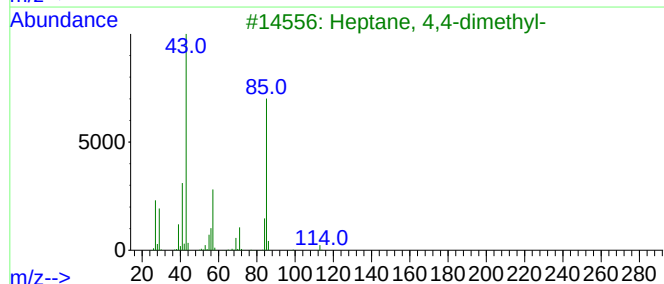
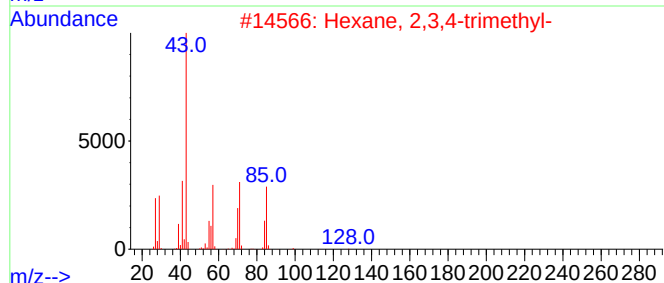
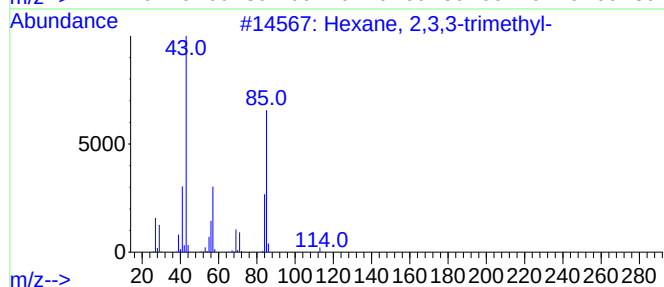
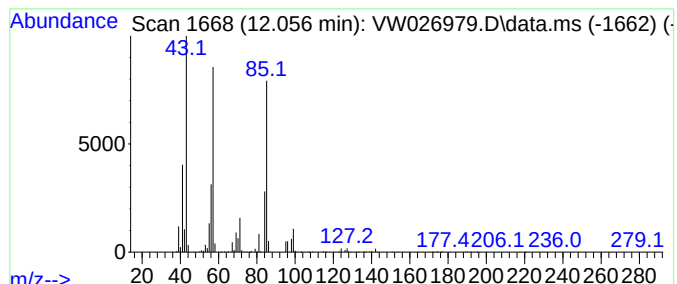
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ClientSampleId :
EZYK1RE

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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.056	20.50 ug/L	1918700	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	72
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
3	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	53
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

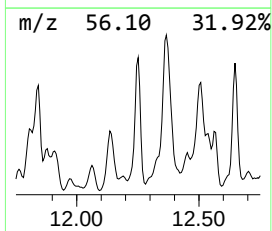
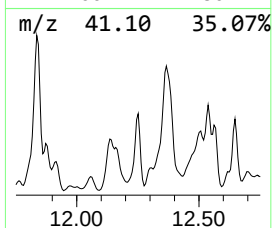
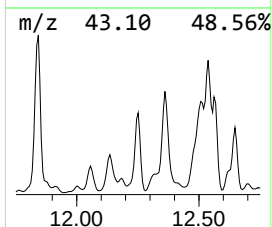
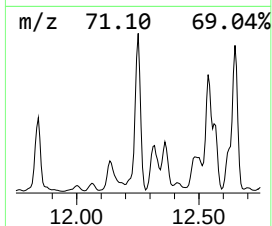
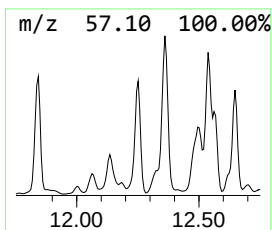
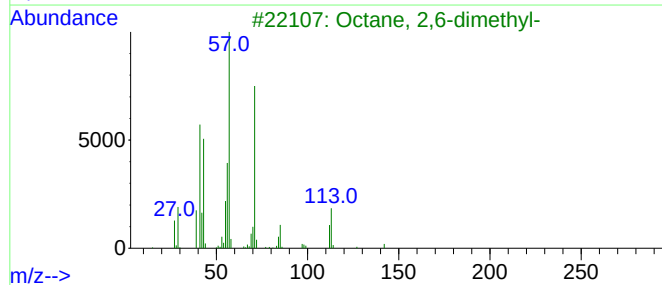
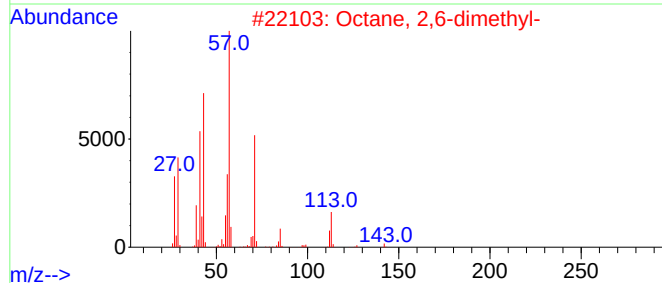
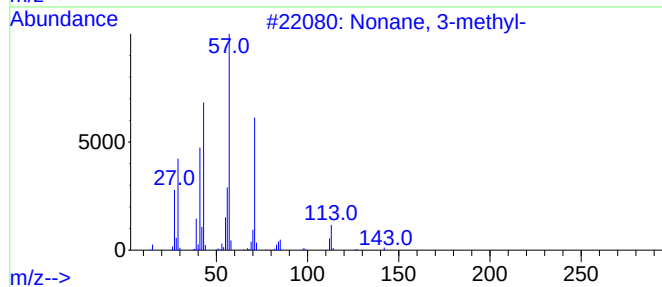
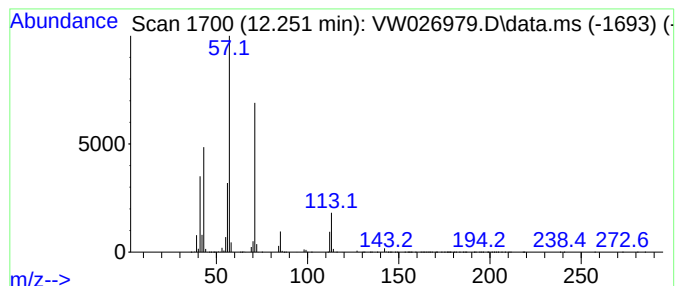
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.251	72.05 ug/L	6744270	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	91
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	91
4	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	90
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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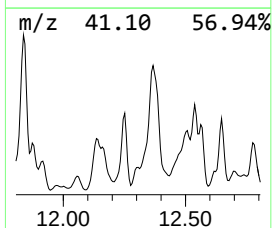
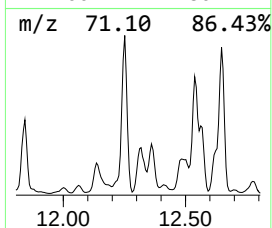
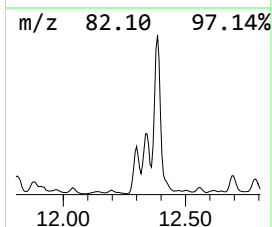
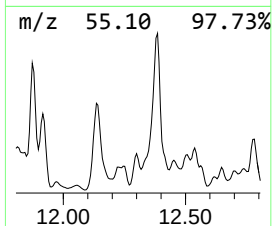
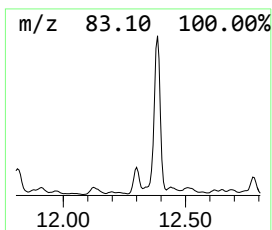
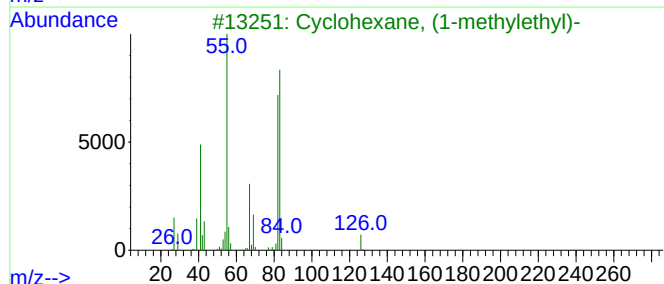
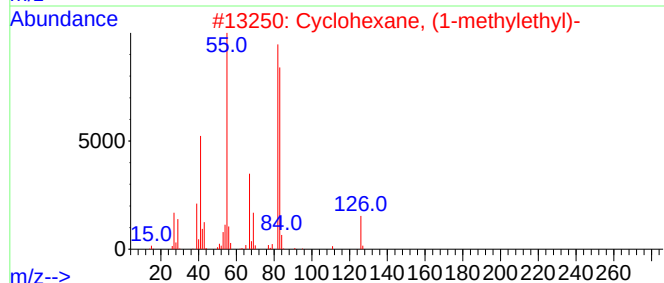
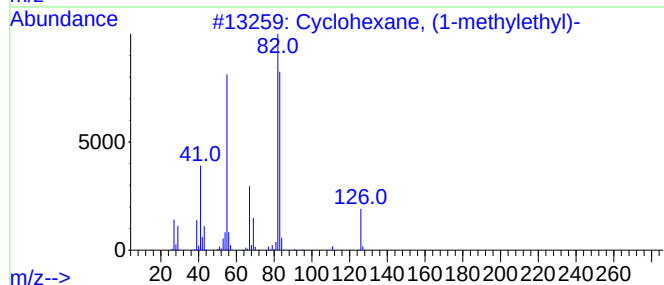
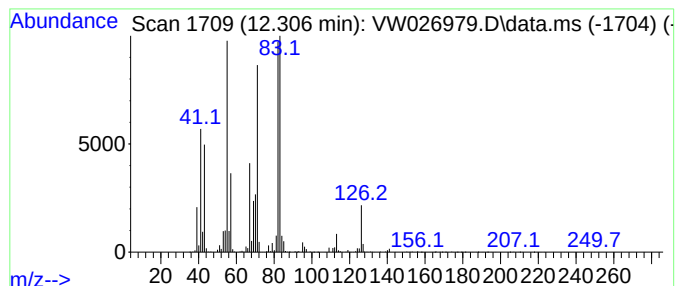
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Cyclic12.306 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.306	21.42 ug/L	2005000	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	93
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
4			n-Pentadecylcyclohexane	294	C21H42	006006-95-7	47
5			1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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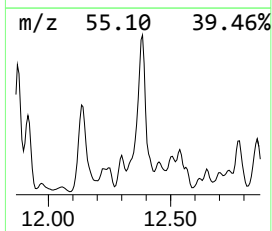
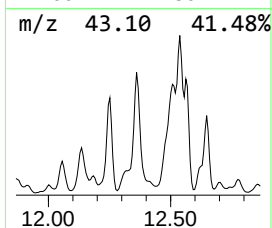
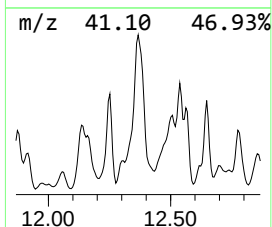
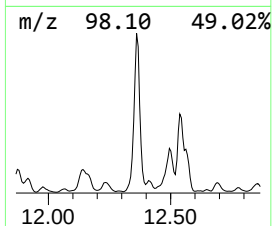
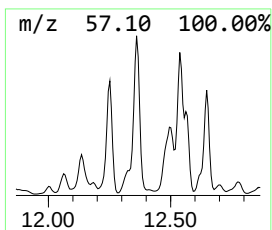
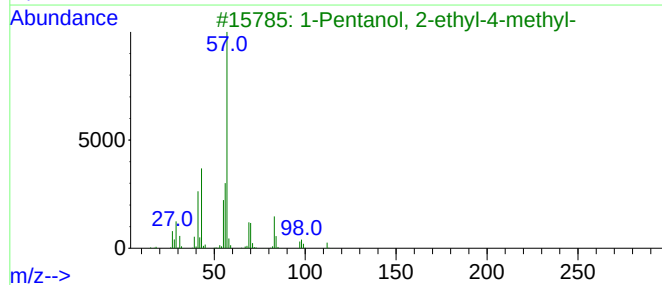
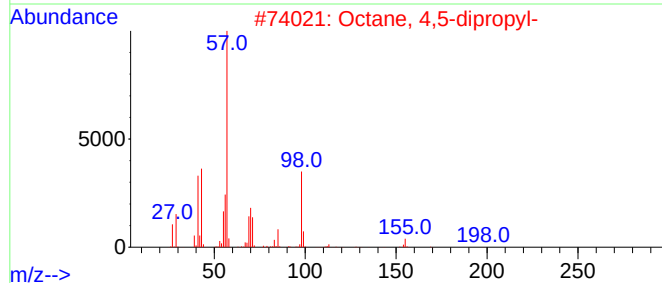
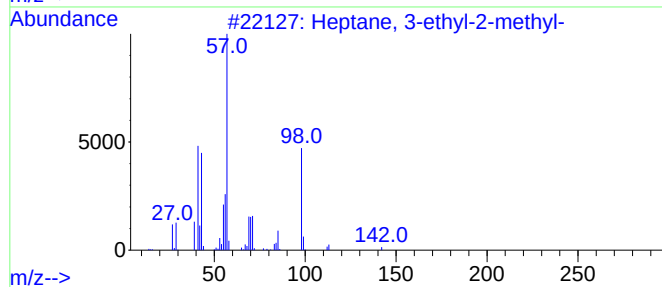
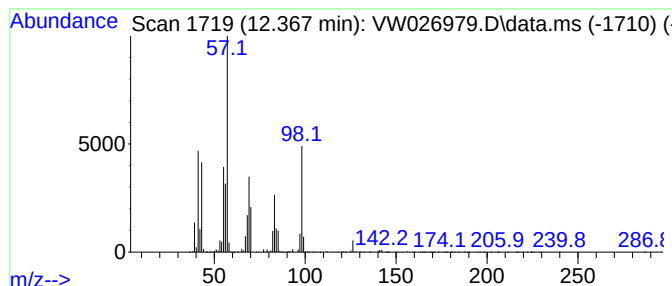
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.367	201.94 ug/L	18902400	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
2			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	50
3			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
4			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	50
5			Cyclohexanone, 4-(1,1-dimethylet...	154	C10H18O	000098-53-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

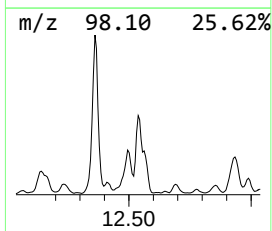
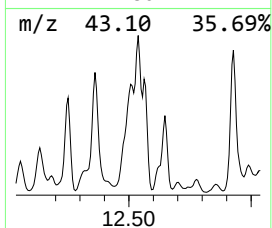
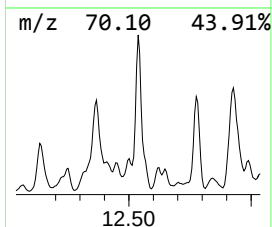
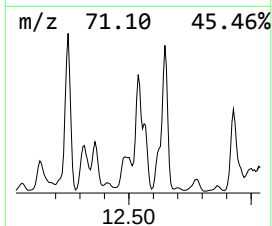
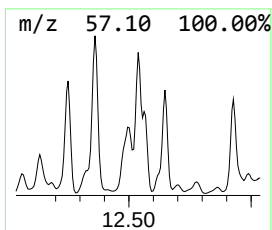
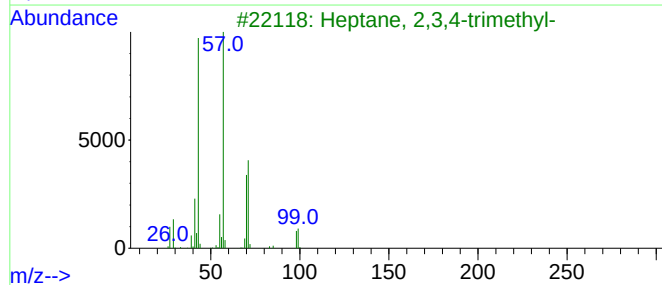
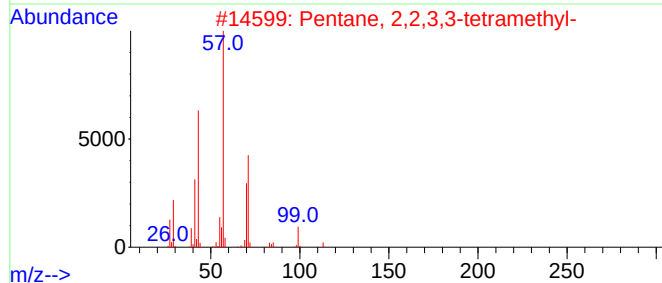
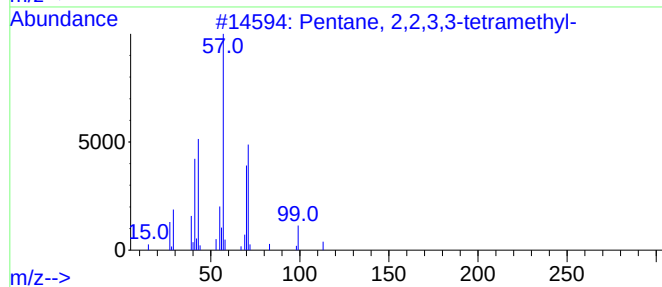
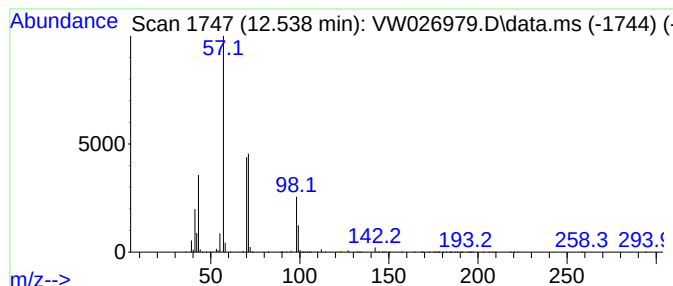
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.538	24.97 ug/L	2337370	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	64
2	Pentane, 2,2,3,3-tetramethyl-		128	C9H20	007154-79-2	64
3	Heptane, 2,3,4-trimethyl-		142	C10H22	052896-95-4	56
4	Nonane, 4-methyl-		142	C10H22	017301-94-9	50
5	Nonane, 4-methyl-		142	C10H22	017301-94-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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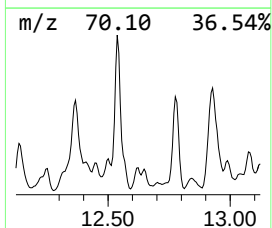
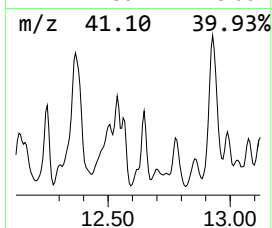
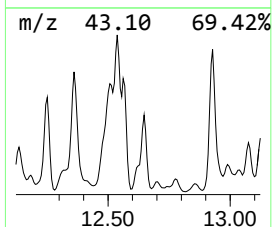
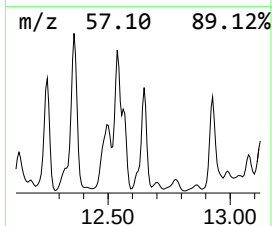
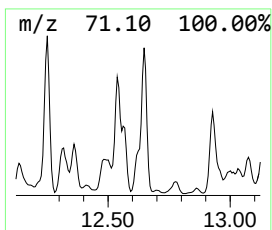
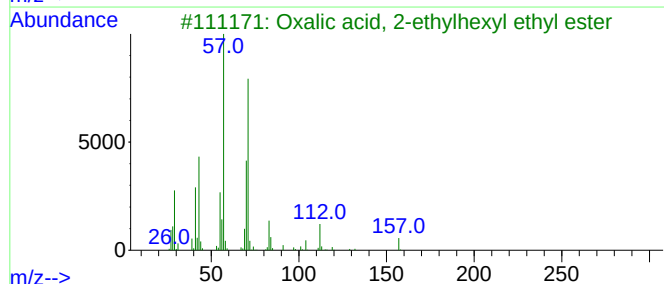
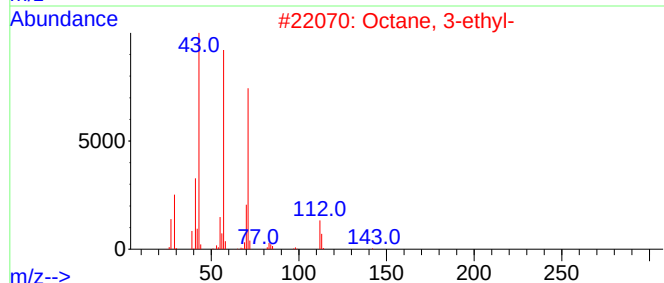
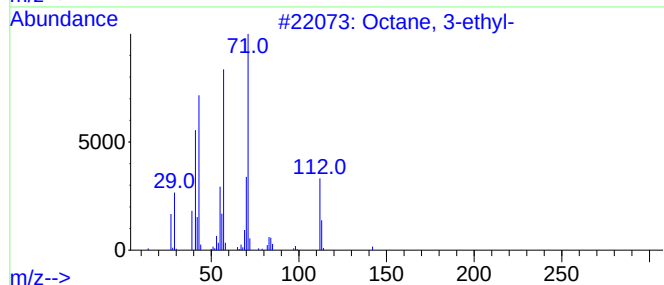
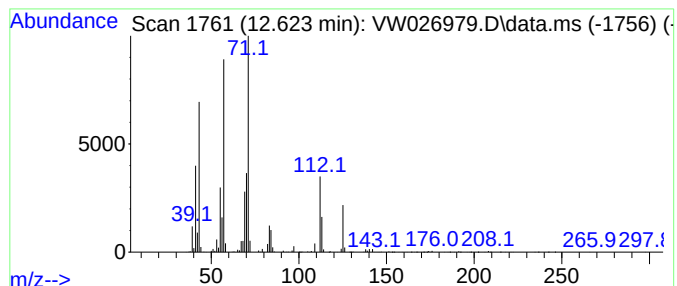
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.623	13.78 ug/L	1627140	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-			142	C10H22	005881-17-4	83
2	Octane, 3-ethyl-			142	C10H22	005881-17-4	68
3	Oxalic acid, 2-ethylhexyl ethyl ...			230	C12H22O4	1000309-38-4	59
4	Oxalic acid, 2-ethylhexyl octyl ...			314	C18H34O4	1000309-39-1	59
5	Sulfurous acid, octyl 2-propyl e...			236	C11H24O3S	1000309-11-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

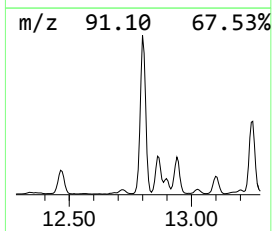
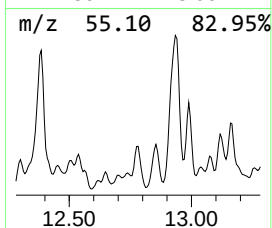
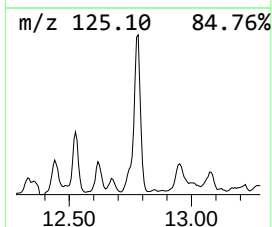
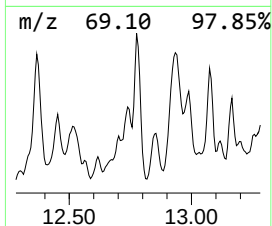
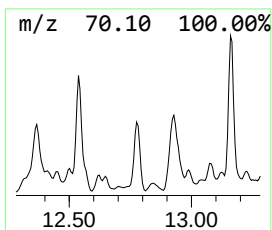
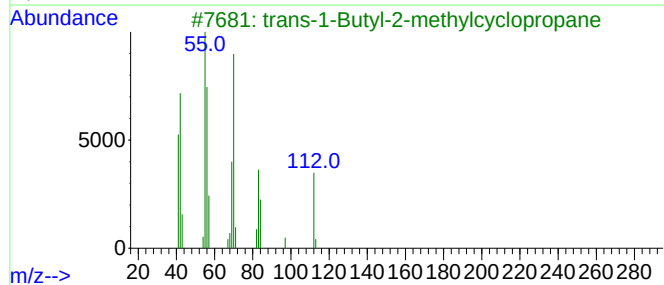
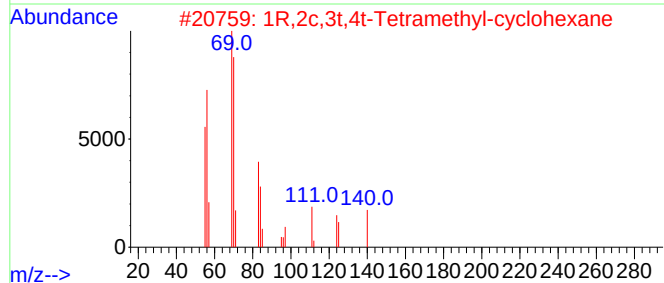
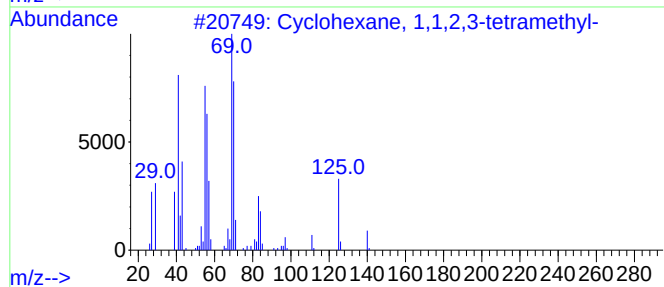
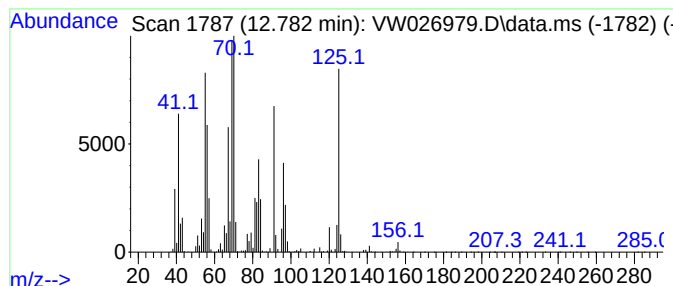
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Cyclic12.782 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.782	65.98 ug/L	7788240	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	64
2			1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	47
3			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
4			Cyclopentane, butyl-	126	C9H18	002040-95-1	43
5			Cyclopentane, butyl-	126	C9H18	002040-95-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

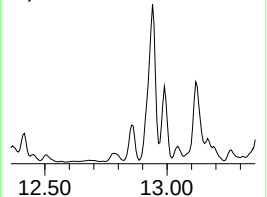
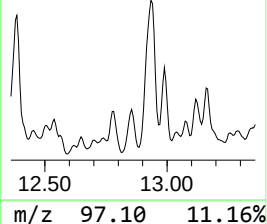
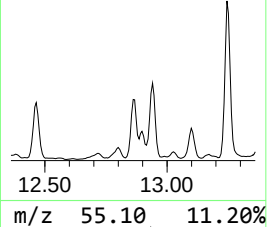
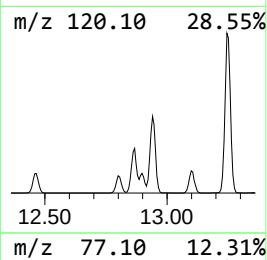
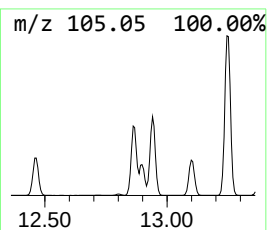
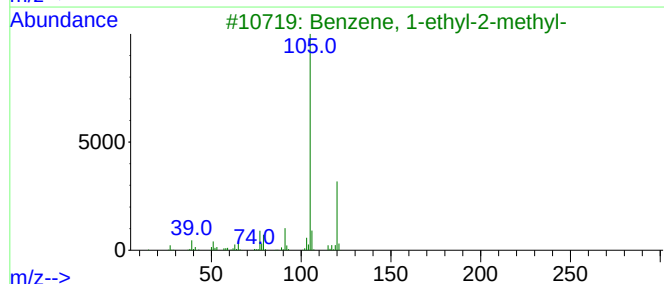
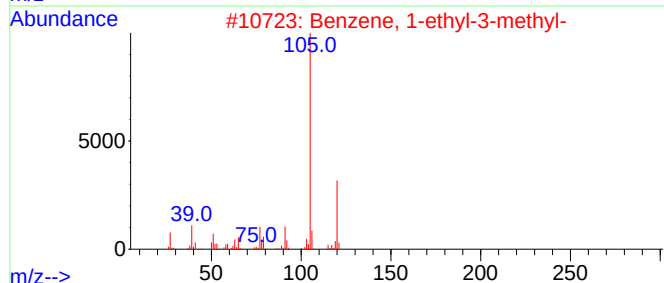
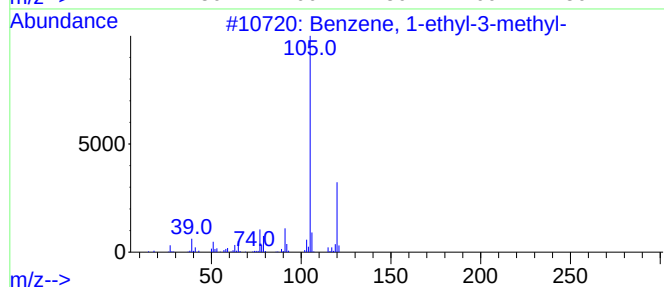
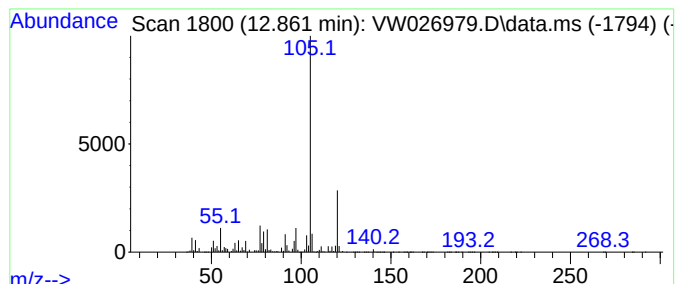
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Quant Title : SFAM01.0

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

Peak Number 32 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	97.93 ug/L	11560000	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

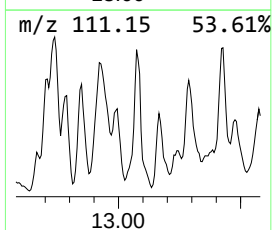
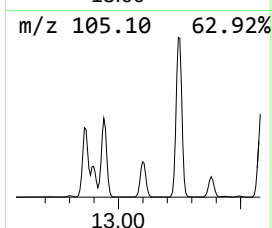
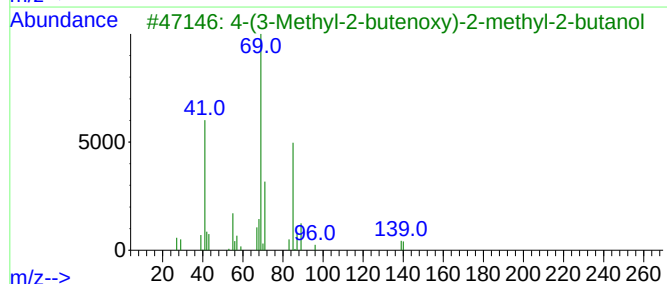
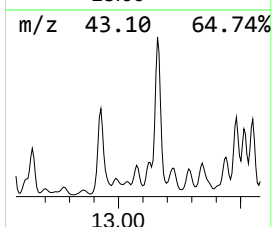
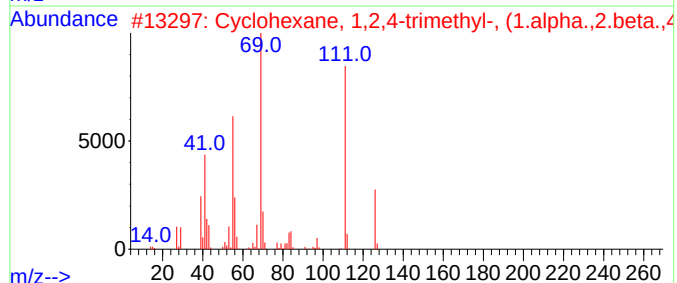
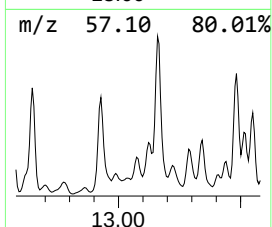
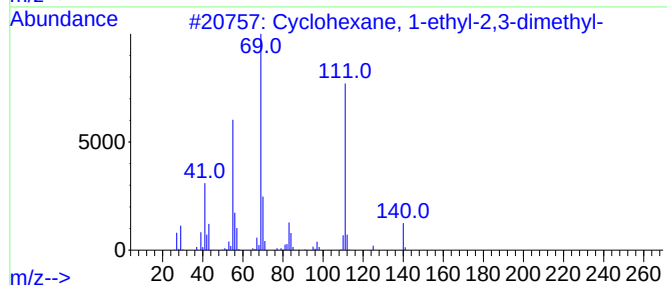
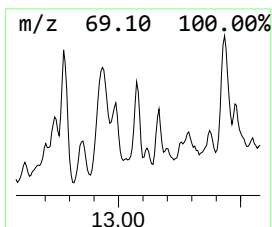
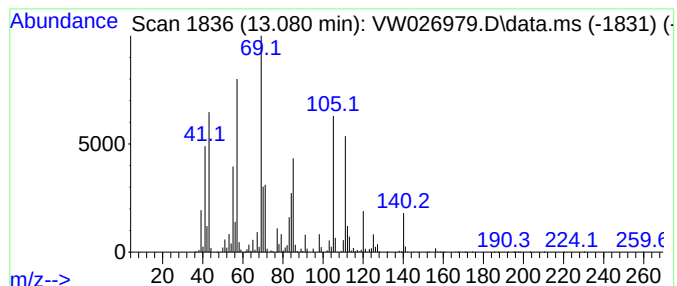
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Cyclic13.080 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	23.27 ug/L	2746710	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	43
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	43
3			4-(3-Methyl-2-butenoxy)-2-methyl...	172	C10H20O2	1000432-13-3	38
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35
5			2-Octene, 2,7-dimethyl-	140	C10H20	002050-81-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

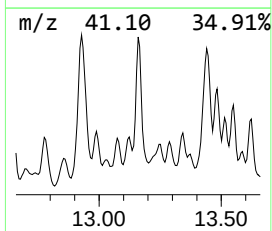
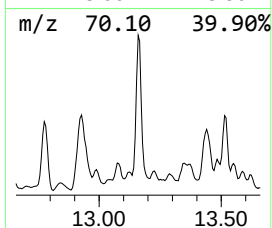
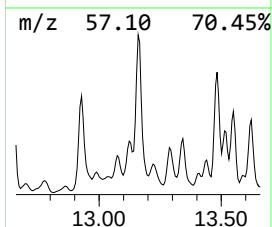
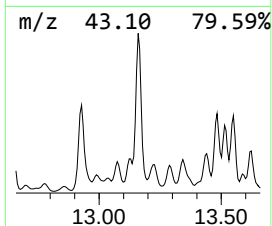
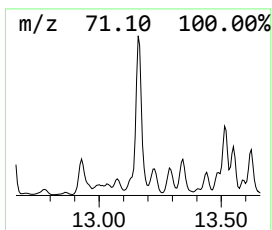
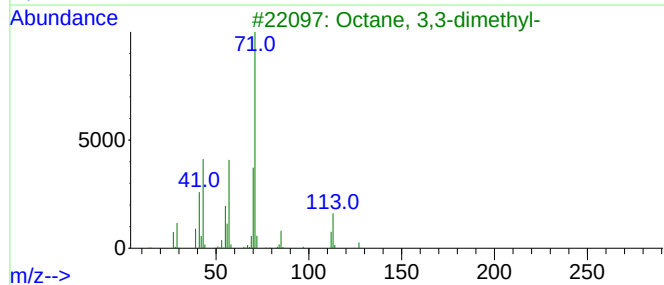
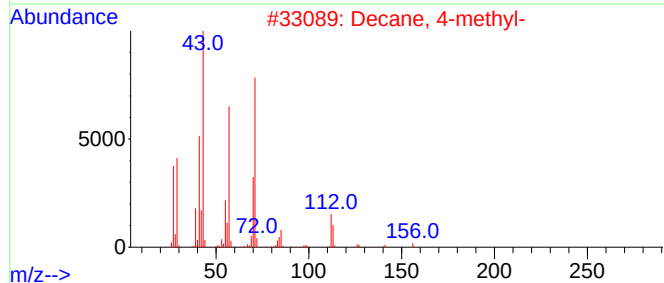
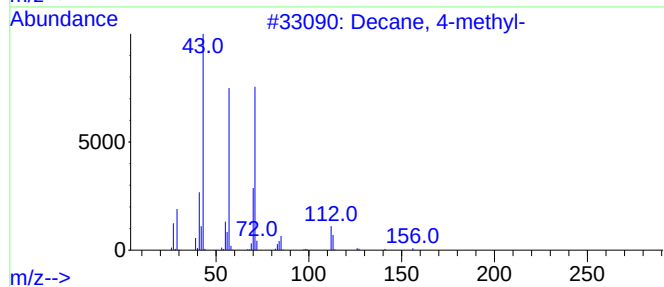
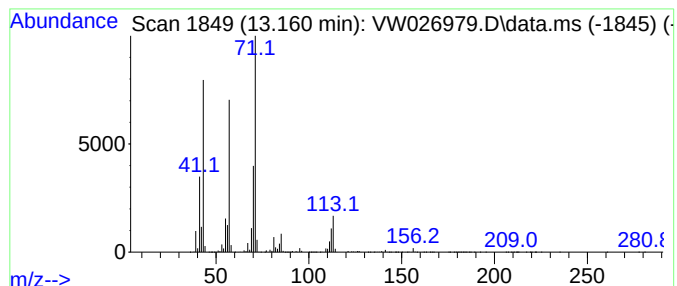
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	103.95 ug/L	12270400	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	80
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
4		Decane, 4-methyl-	156	C11H24	002847-72-5	78
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

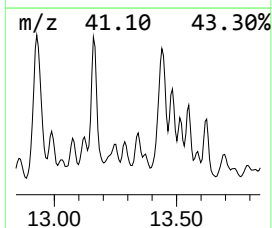
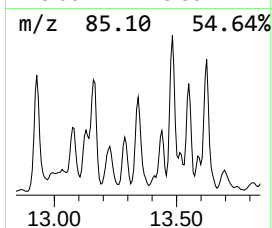
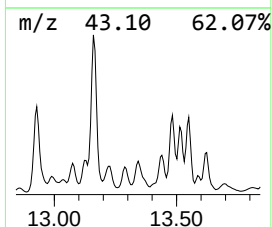
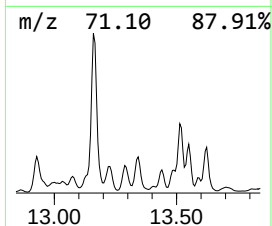
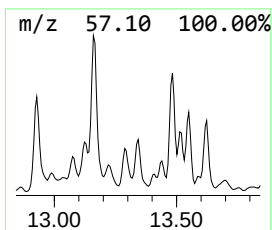
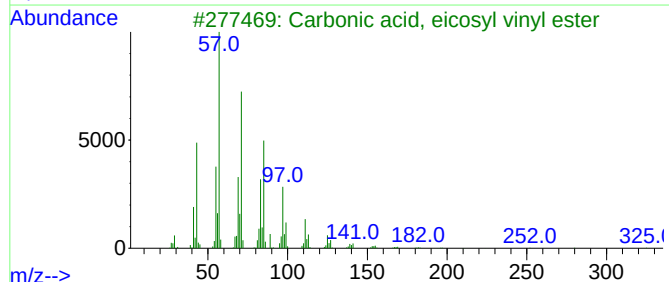
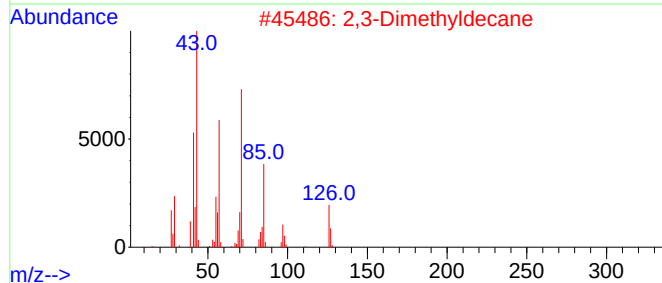
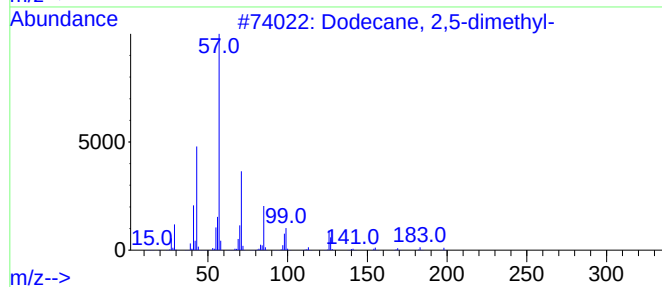
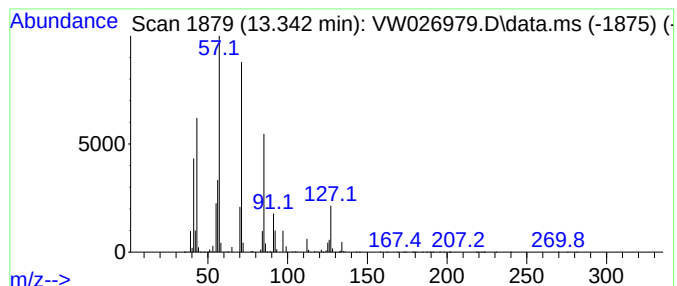
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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	25.55 ug/L	3016340	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	72
2			2,3-Dimethyldecane	170	C12H26	017312-44-6	59
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	59
4			2,6-Dimethyldecane	170	C12H26	013150-81-7	53
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

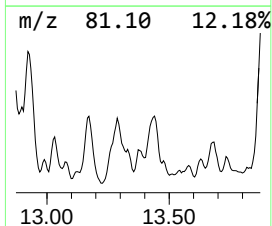
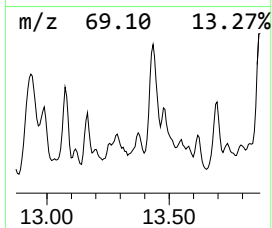
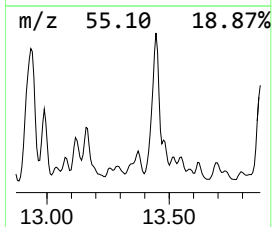
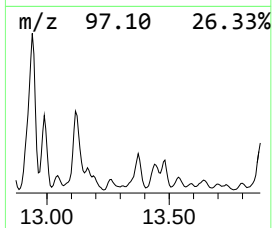
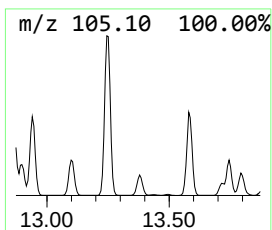
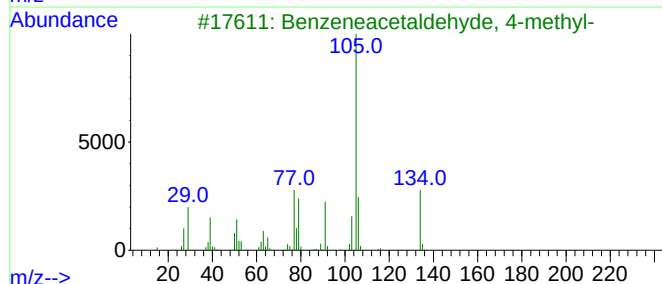
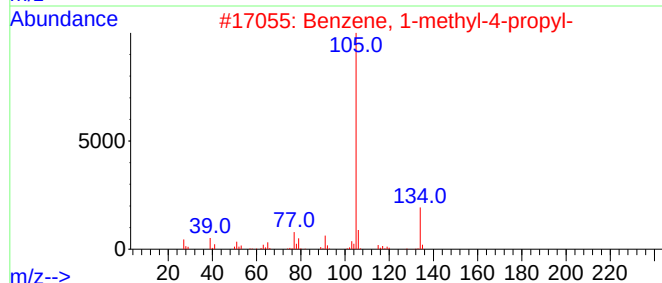
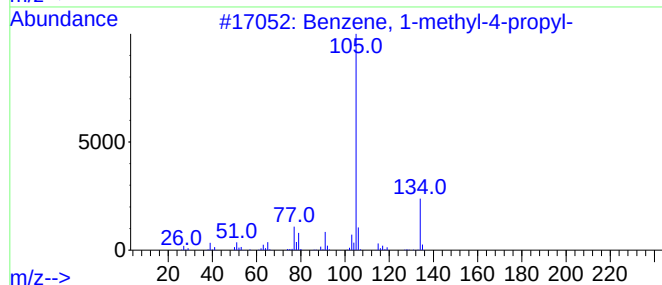
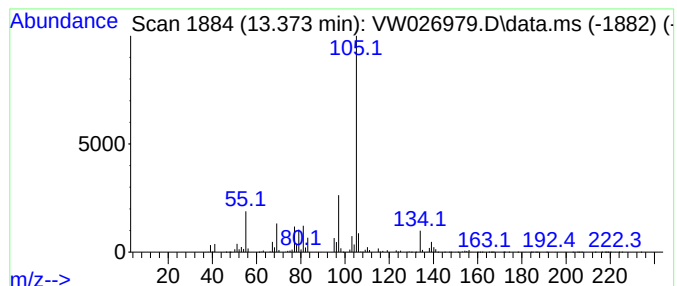
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Quant Title : SFAM01.0

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

Peak Number 36 unknown-01 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.373	19.47 ug/L	2297790	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
3			Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	38
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	30
5			3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

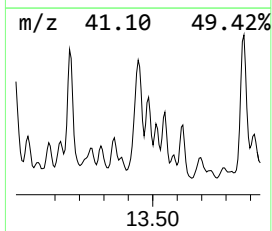
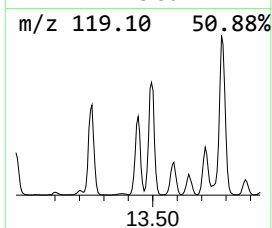
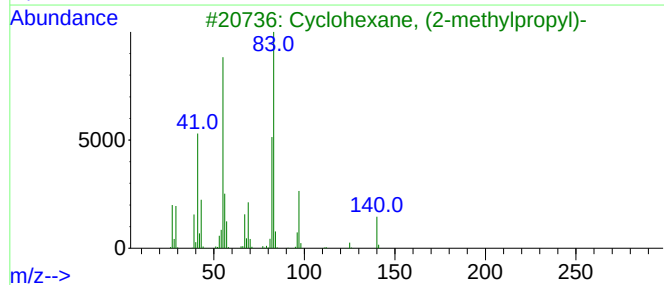
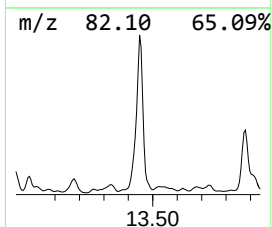
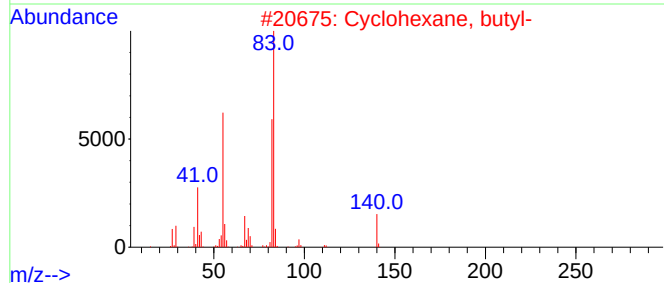
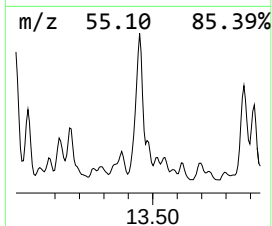
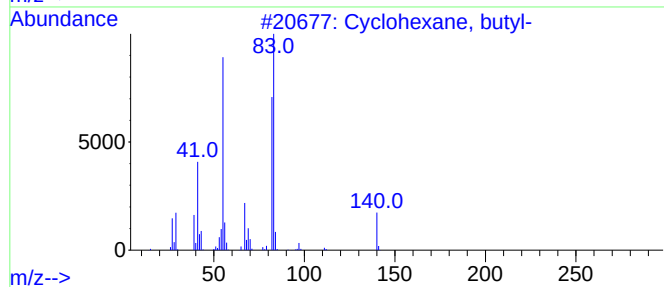
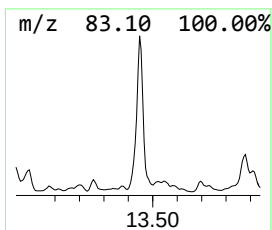
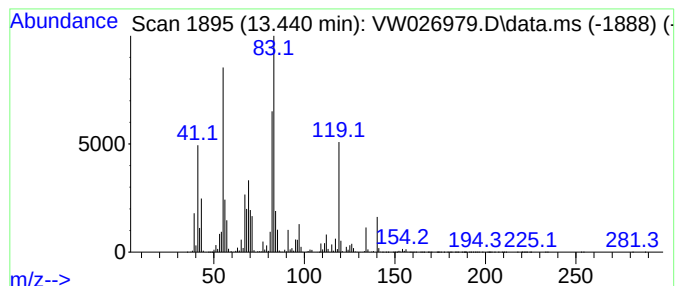
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Cyclic13.440 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	141.61 ug/L	16716100	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	46
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	46
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	45
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	45
5			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

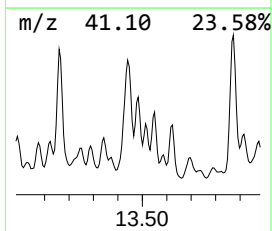
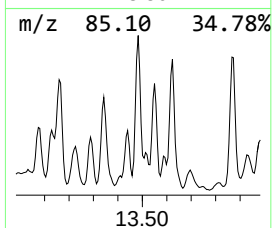
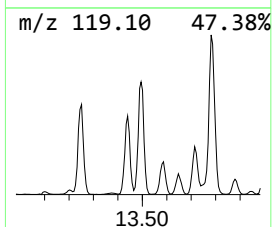
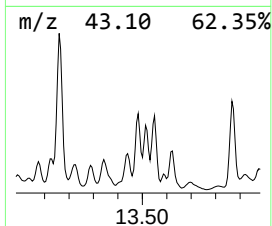
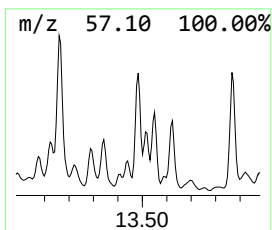
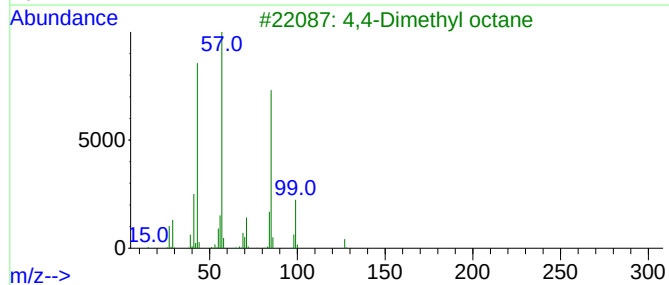
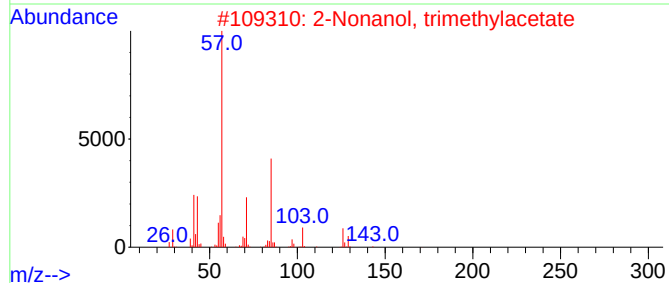
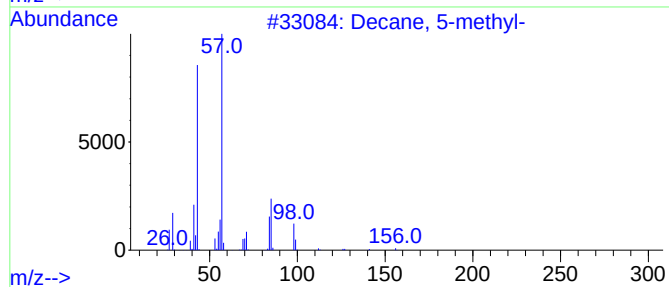
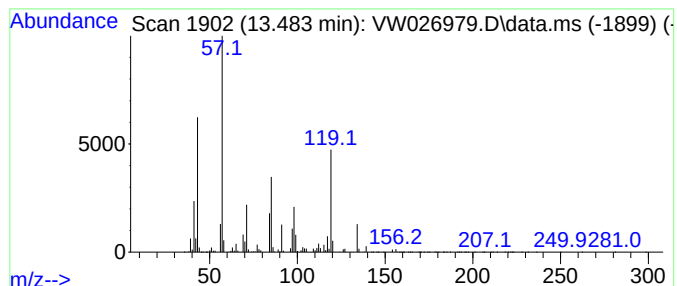
Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

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 38 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.483	57.92 ug/L	6836890	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-		156	C11H24	013151-35-4	45
2	2-Nonanol, trimethylacetate		228	C14H28O2	1000463-21-6	27
3	4,4-Dimethyl octane		142	C10H22	015869-95-1	22
4	Sulfurous acid, hexyl pentadecyl...		376	C21H44O3S	1000309-13-7	22
5	Hexane, 2,2,3,3-tetramethyl-		142	C10H22	013475-81-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

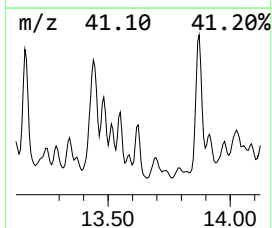
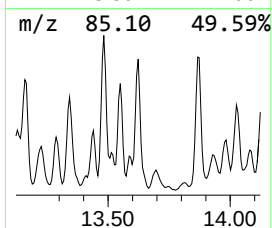
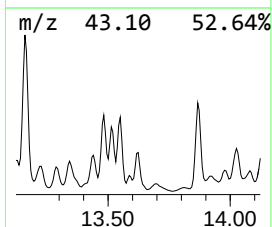
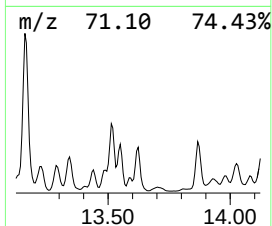
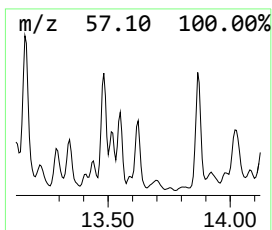
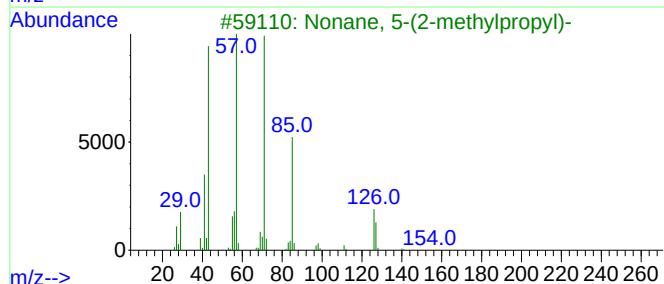
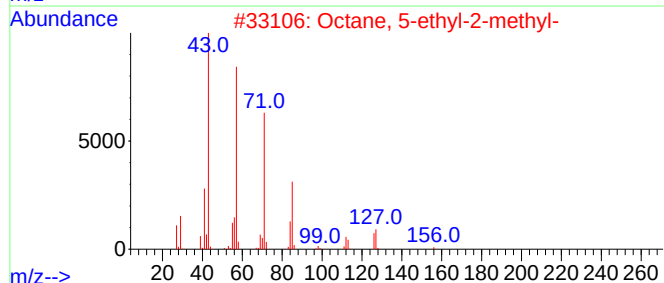
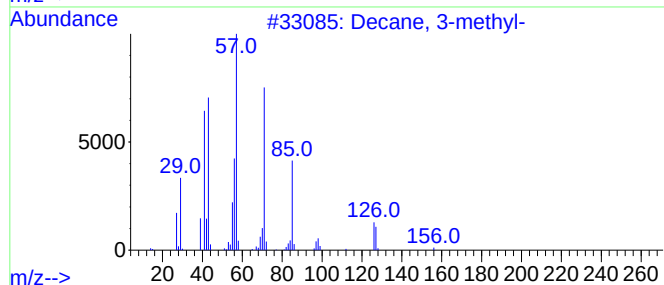
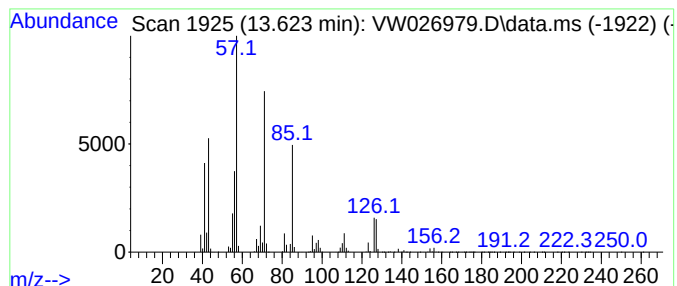
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	35.22 ug/L	4157790	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			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
4			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

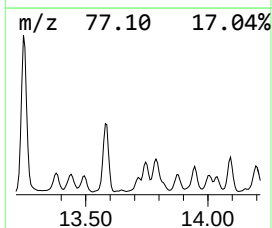
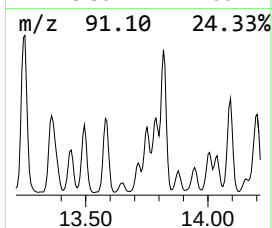
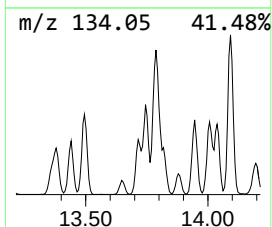
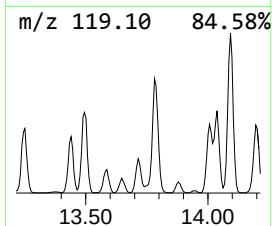
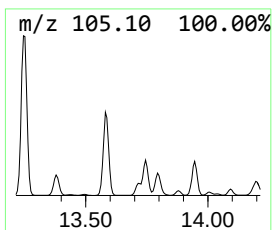
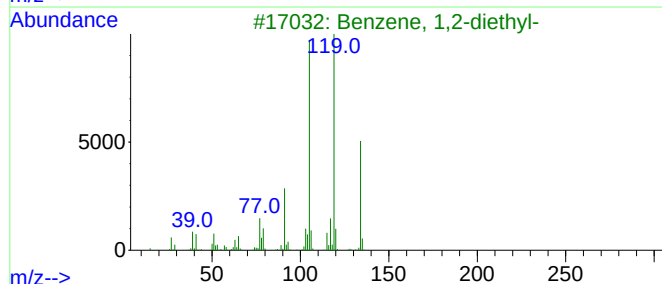
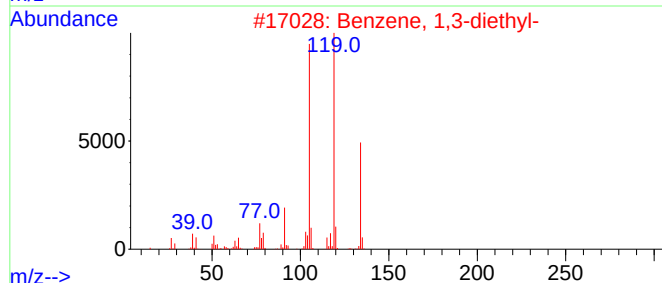
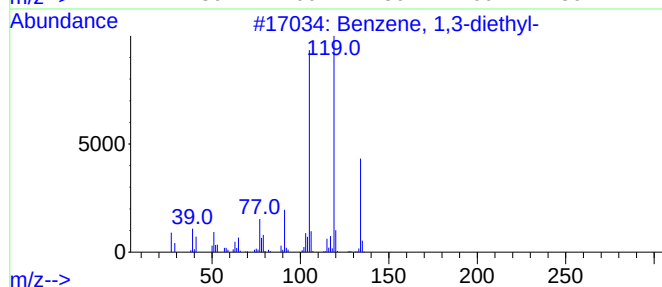
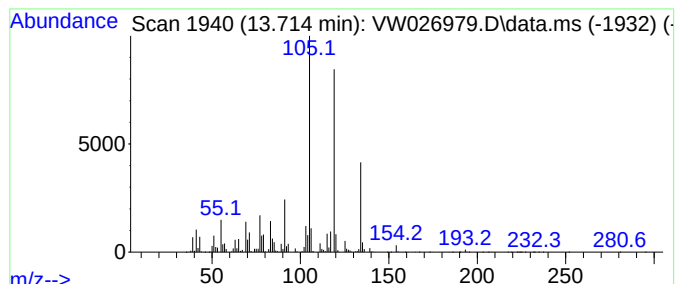
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Quant Title : SFAM01.0

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

Peak Number 40 Benzene, 1,3-diethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.714	39.01 ug/L	4604940	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

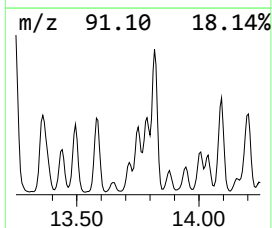
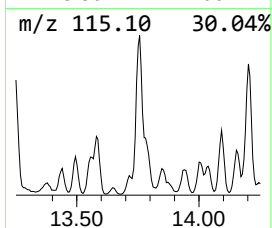
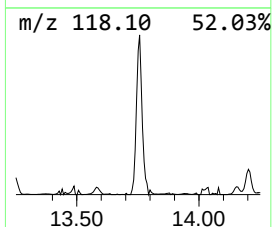
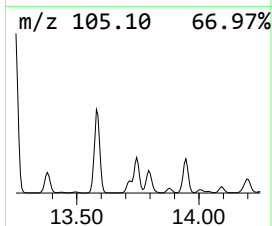
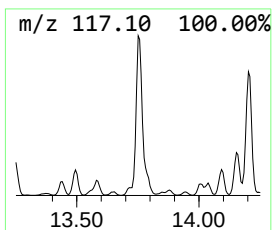
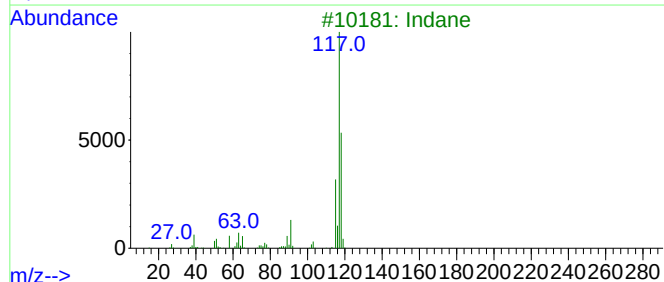
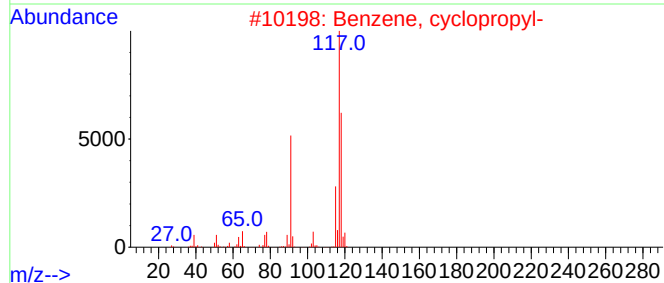
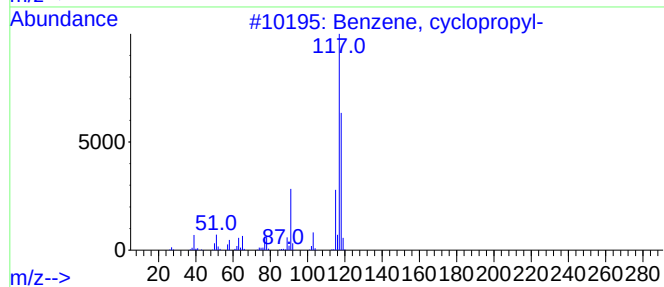
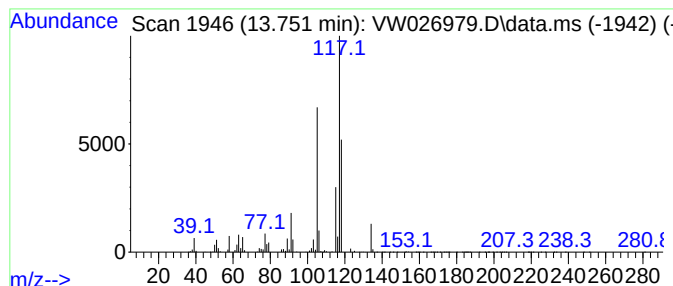
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Quant Title : SFAM01.0

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

Peak Number 41 Benzene, cyclopropyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	32.24 ug/L	3805710	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3			Indane	118	C9H10	000496-11-7	62
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	62
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

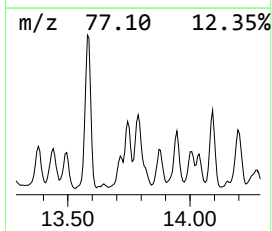
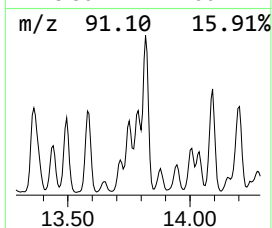
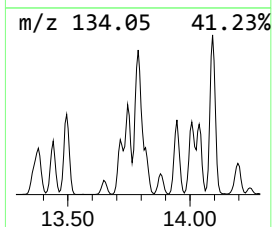
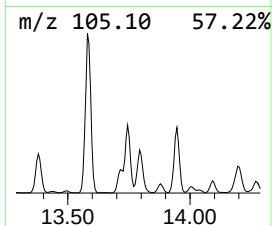
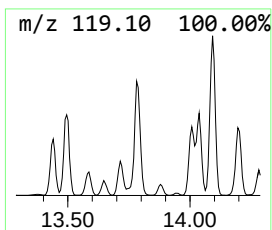
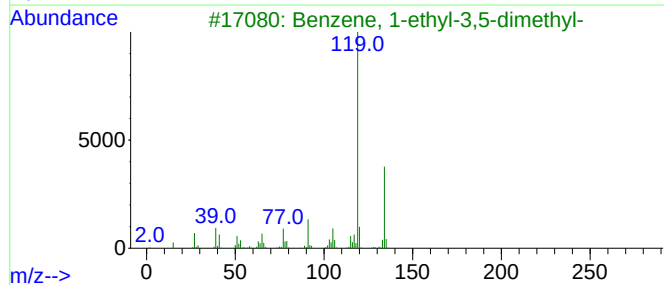
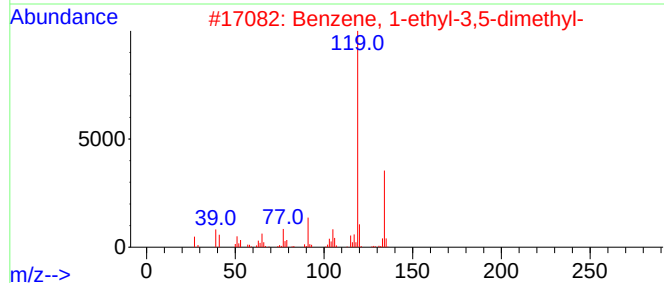
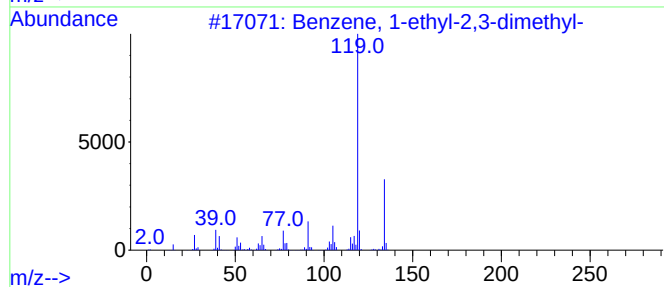
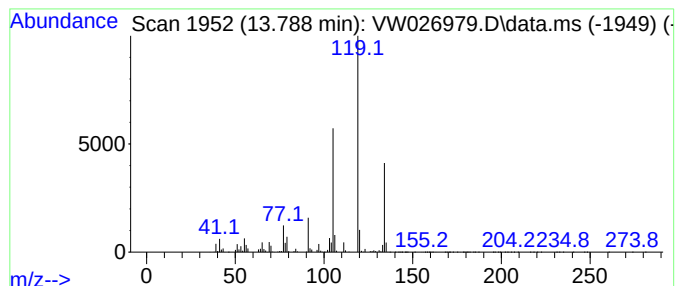
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Quant Title : SFAM01.0

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

Peak Number 42 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.788	48.94 ug/L	5777620	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

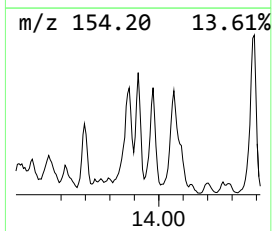
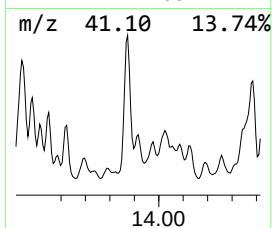
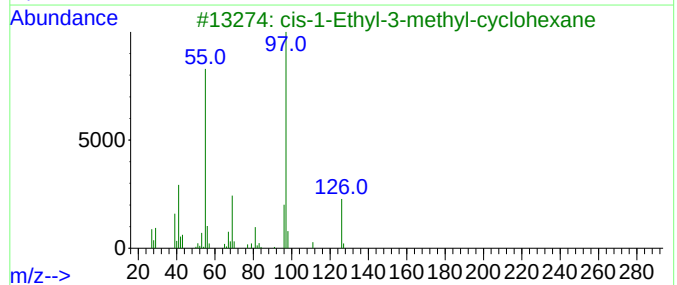
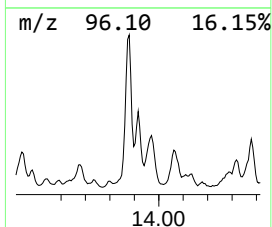
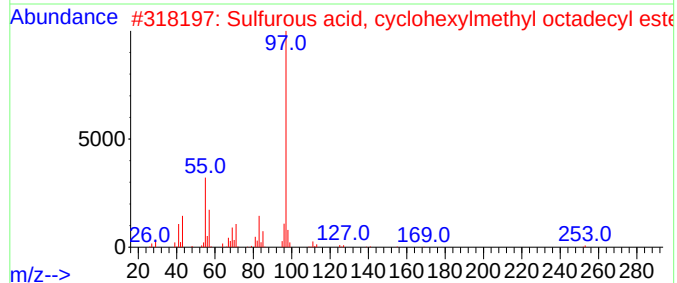
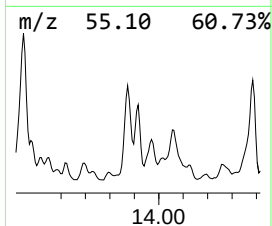
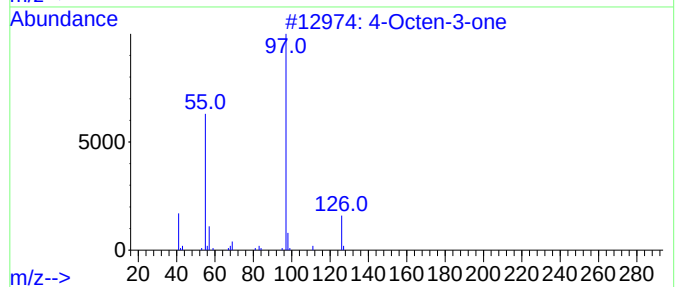
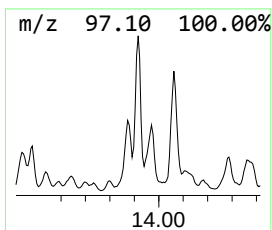
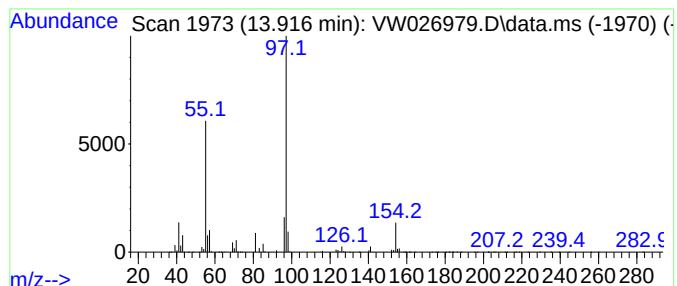
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Quant Title : SFAM01.0

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

Peak Number 43 4-Octen-3-one Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	9.15 ug/L	1080320	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Octen-3-one	126	C8H14O	014129-48-7	59
2			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	56
3			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	45
4			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	45
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

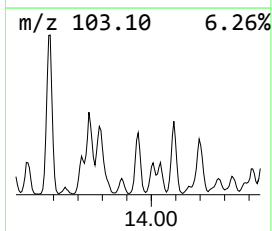
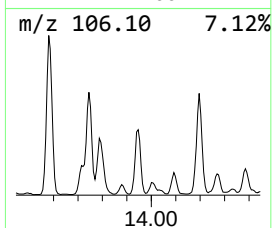
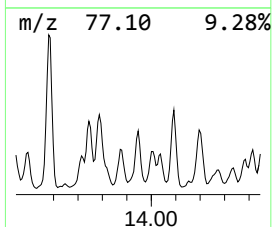
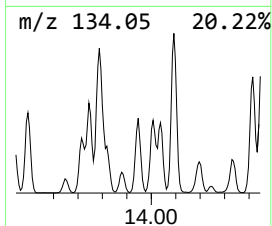
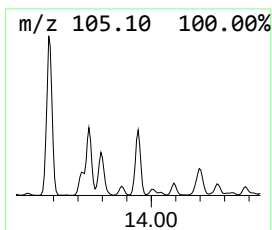
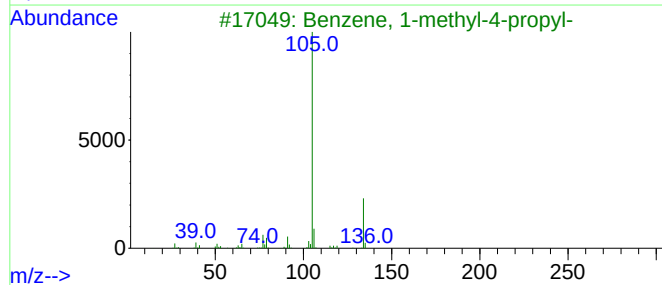
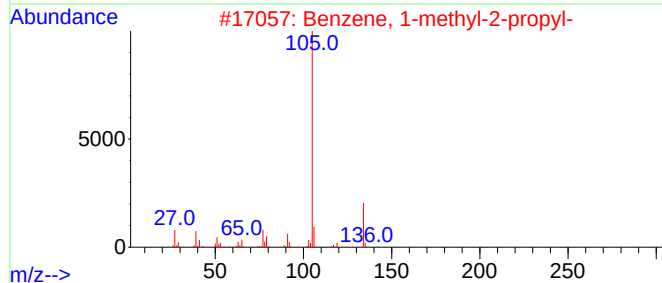
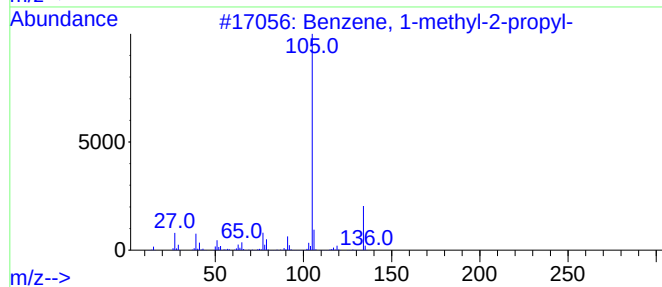
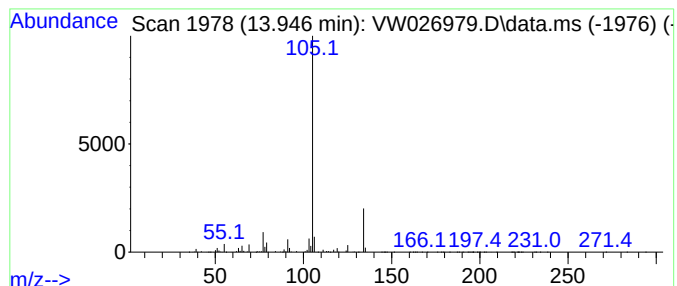
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Quant Title : SFAM01.0

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

Peak Number 44 Benzene, 1-methyl-2-propyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.946	6.50 ug/L	767557	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

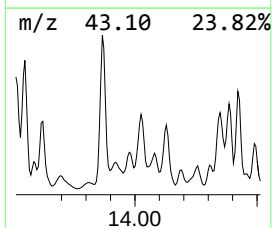
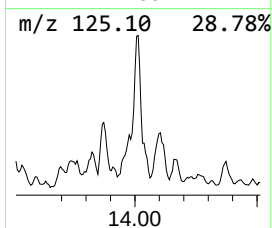
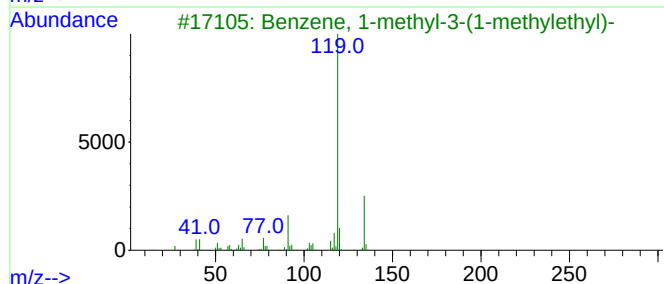
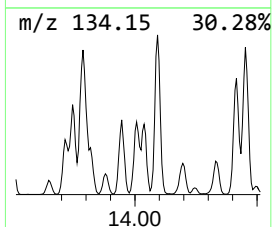
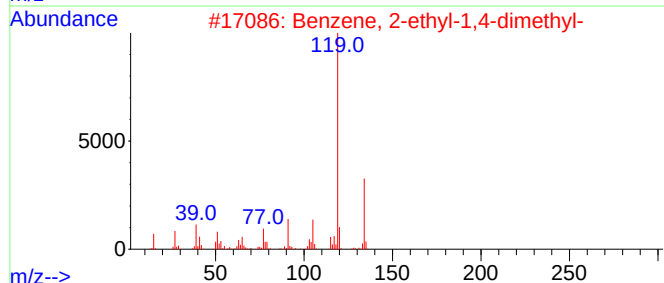
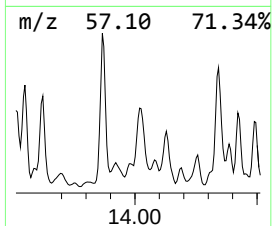
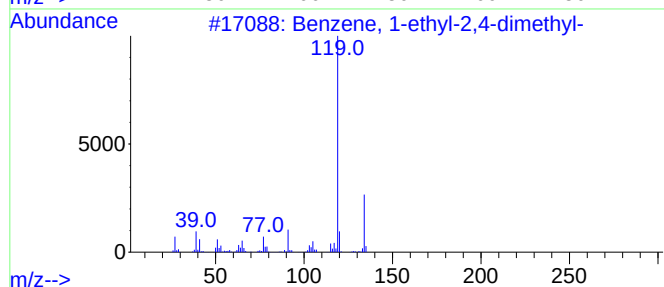
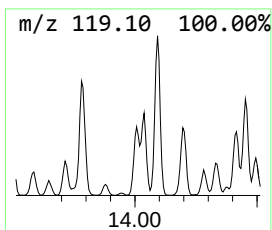
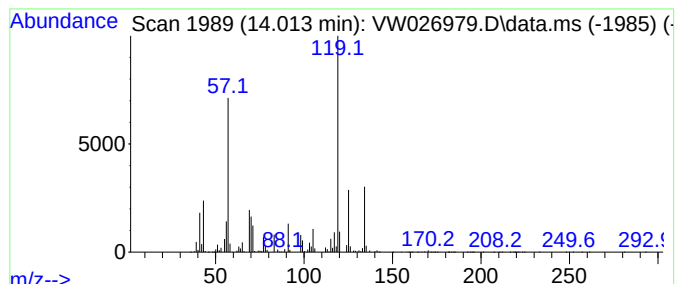
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Quant Title : SFAM01.0

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

Peak Number 45 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.013	20.12 ug/L	2375120	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	94
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

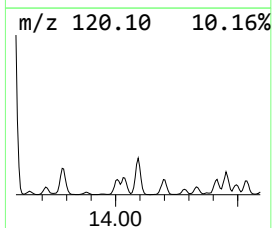
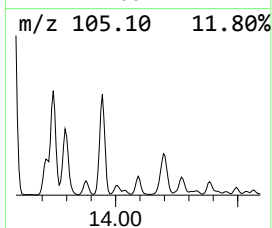
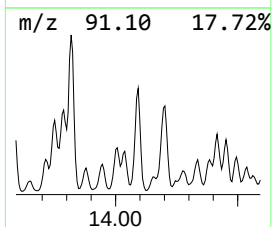
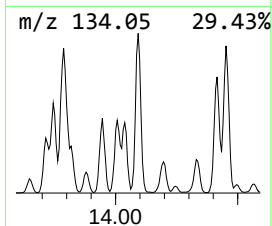
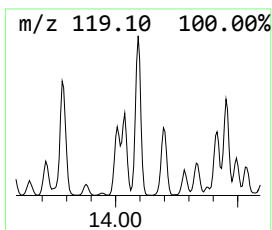
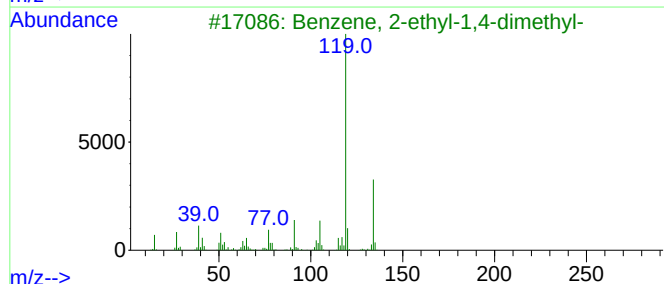
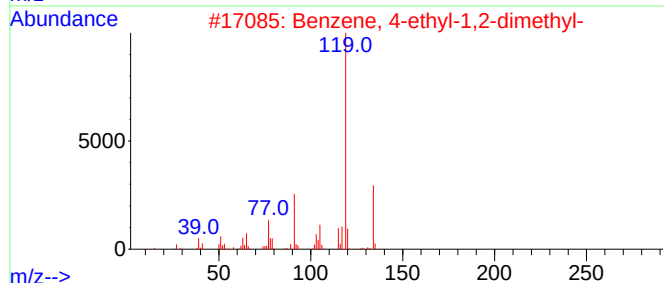
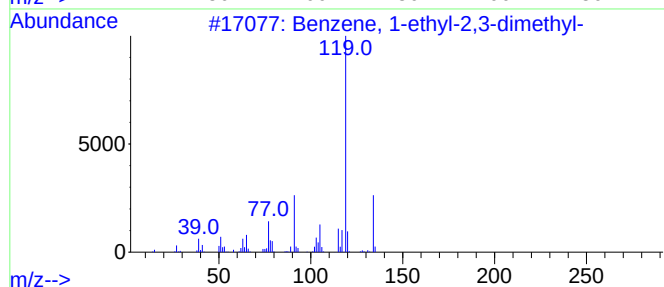
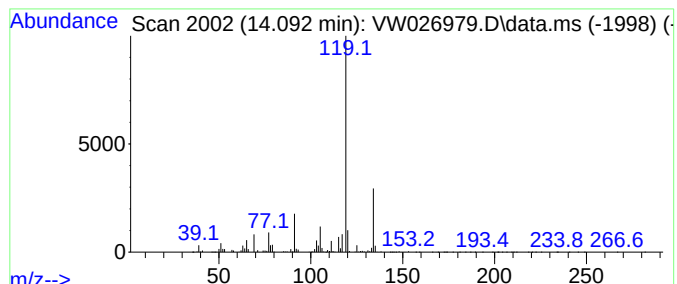
Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

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Quant Title : SFAM01.0

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

Peak Number 46 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.092	46.78 ug/L	5521610	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	95
2	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	94
4	o-Cymene		134	C10H14	000527-84-4	94
5	o-Cymene		134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

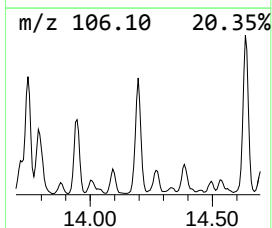
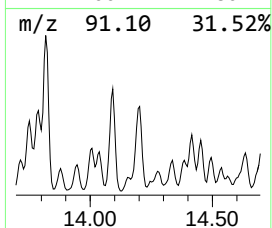
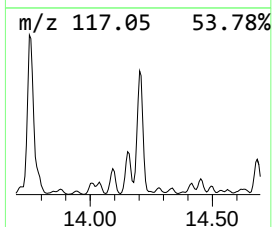
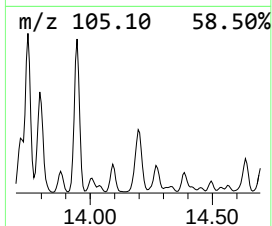
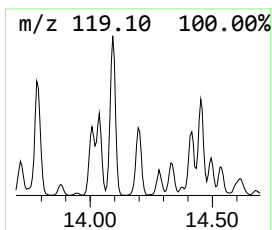
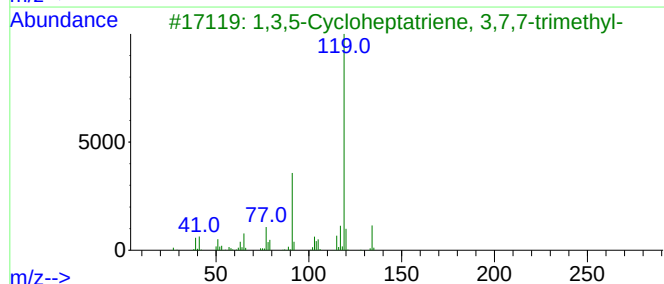
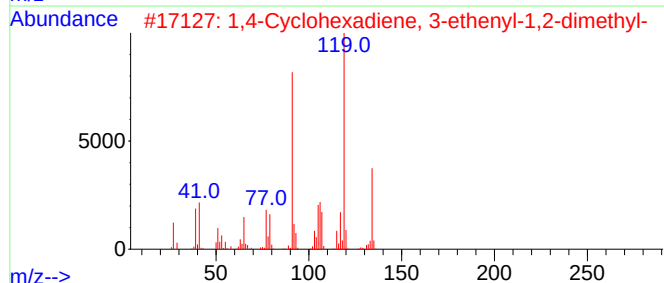
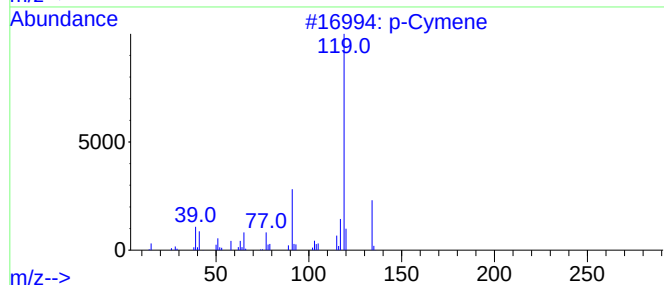
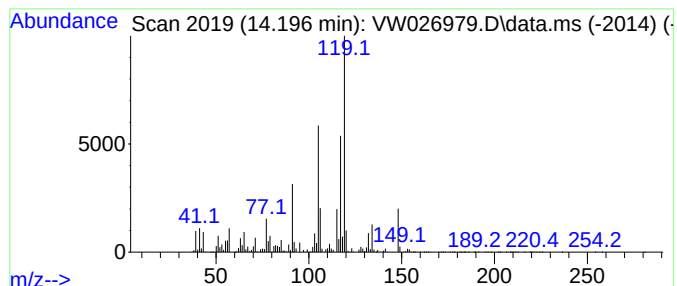
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Quant Title : SFAM01.0

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

Peak Number 47 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	55.55 ug/L	6557220	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	55
2			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	49
3			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	46
4			o-Cymene	134	C10H14	000527-84-4	46
5			4'-Methylpropiphenone	148	C10H12O	005337-93-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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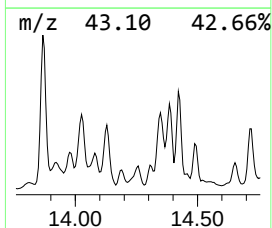
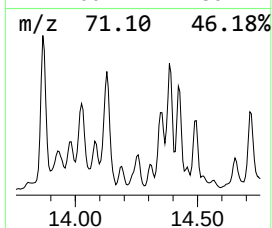
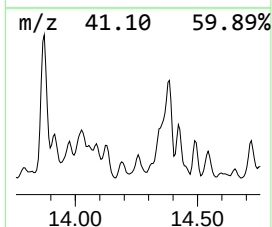
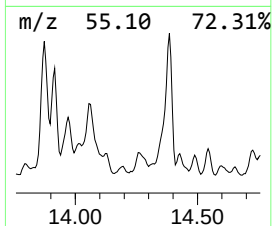
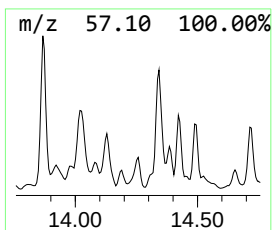
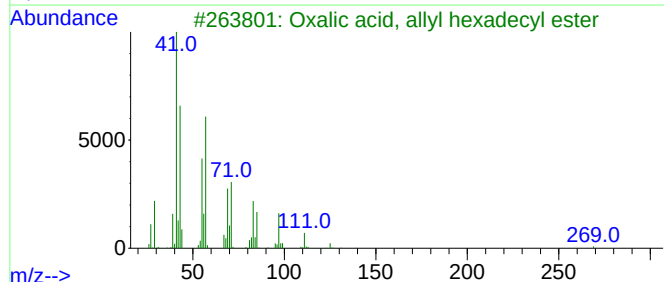
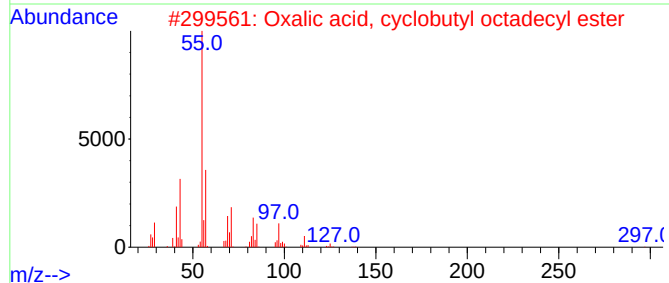
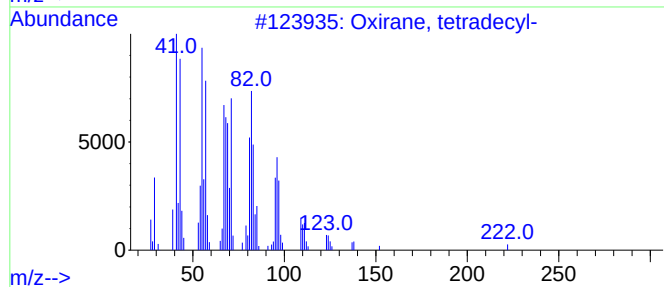
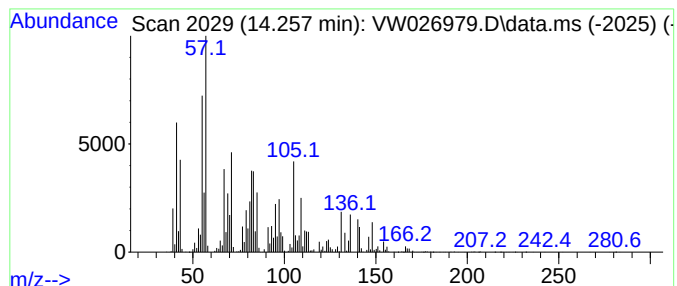
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Quant Title : SFAM01.0

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

Peak Number 48 Oxirane, tetradecyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	30.59 ug/L	3611100	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	52
2			Oxalic acid, cyclobutyl octadecyl ester	396	C24H44O4	1000309-70-8	30
3			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	30
4			Oxalic acid, cyclobutyl pentadecyl ester	354	C21H38O4	1010309-70-5	30
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

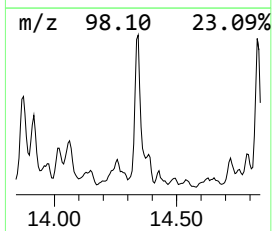
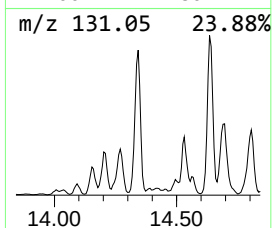
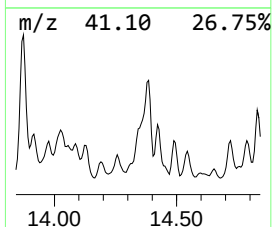
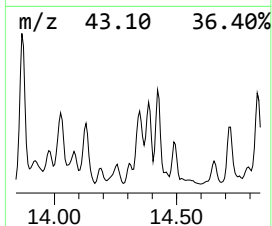
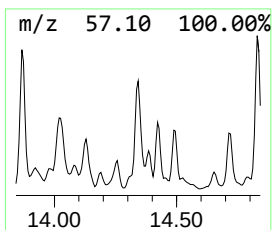
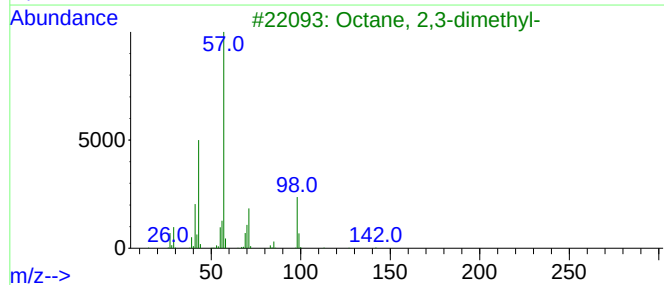
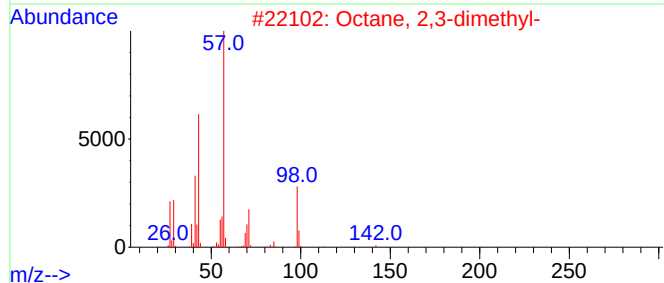
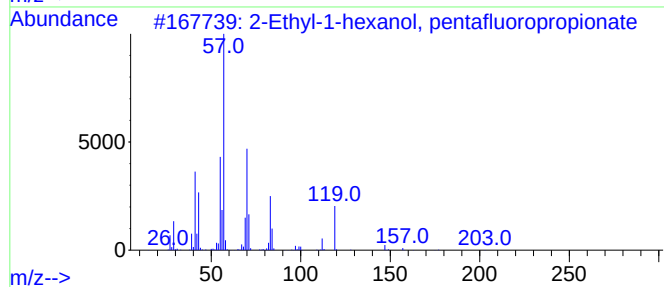
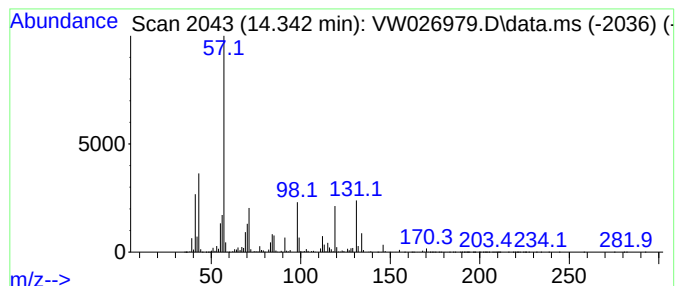
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Quant Title : SFAM01.0

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

Peak Number 49 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.342	59.92 ug/L	7073590	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	43
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	35
5			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

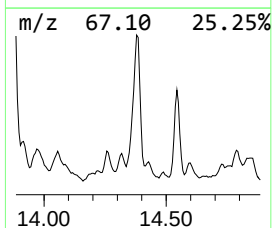
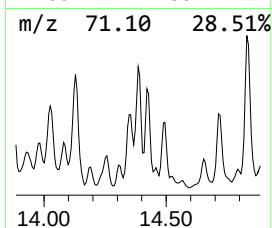
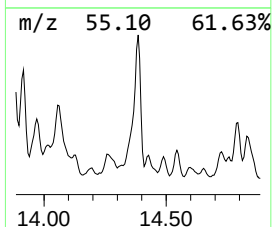
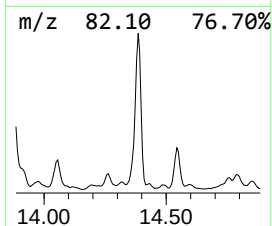
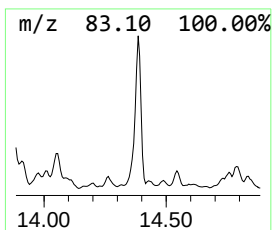
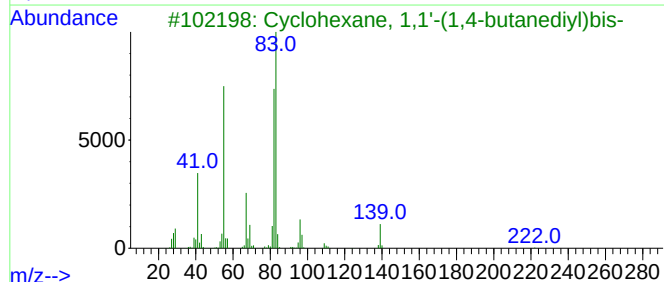
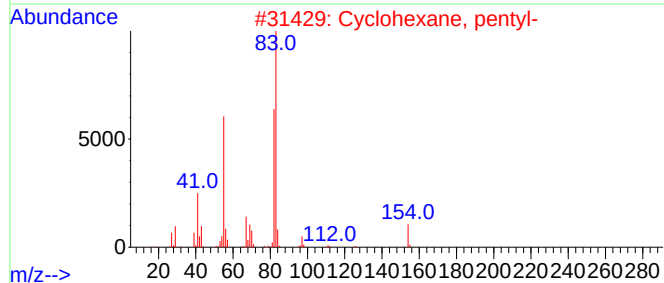
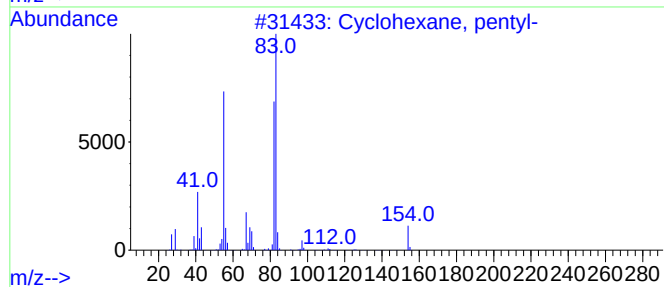
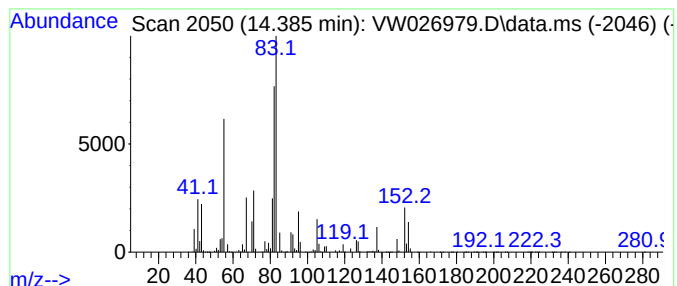
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 50 (DEL) Alkane: Cyclic14.385 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.385	114.62 ug/L	13530600	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-		154	C11H22	004292-92-6	52
2	Cyclohexane, pentyl-		154	C11H22	004292-92-6	52
3	Cyclohexane, 1,1'-(1,4-butanediyl...		222	C16H30	006165-44-2	50
4	Cyclohexane, pentyl-		154	C11H22	004292-92-6	50
5	Cyclopentane, 1-methyl-2-(2-prop...		124	C9H16	050746-53-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

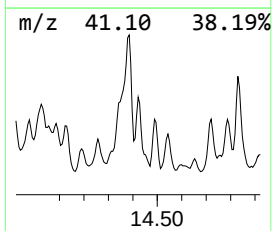
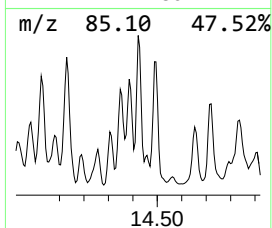
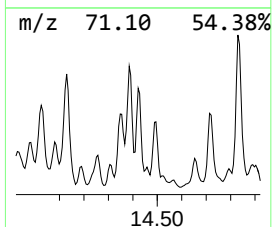
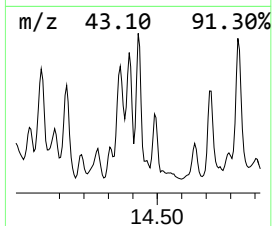
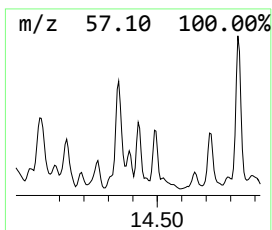
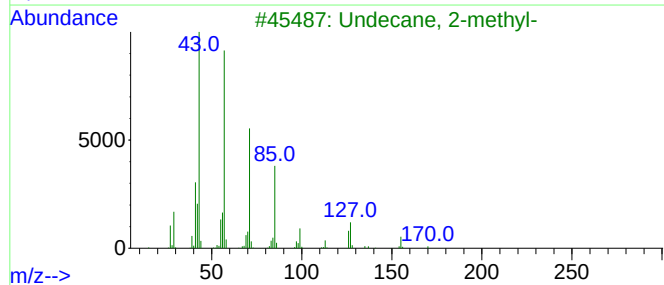
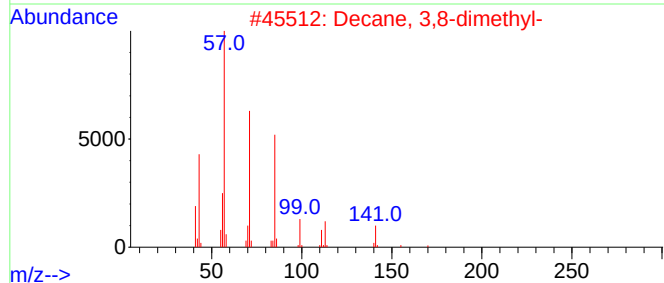
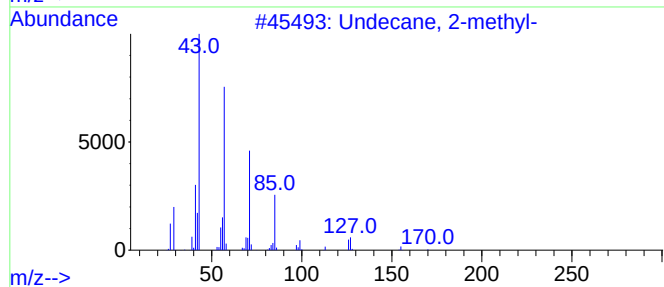
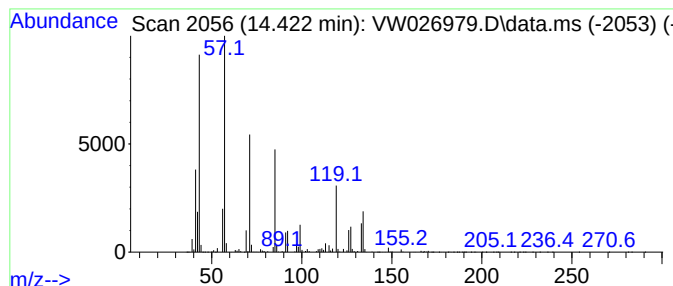
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Quant Title : SFAM01.0

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	54.91 ug/L	6482380	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	70
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	60
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	58
4			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	50
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

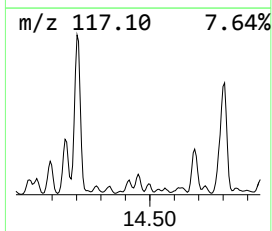
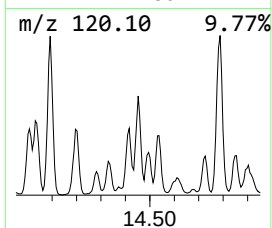
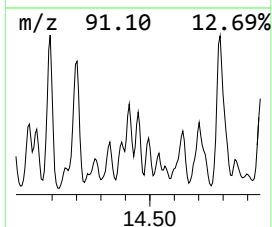
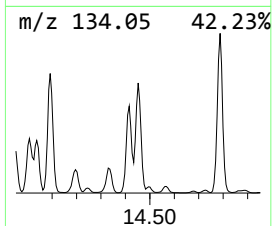
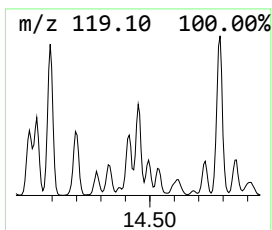
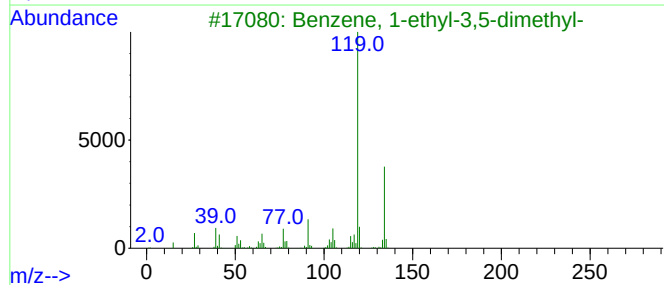
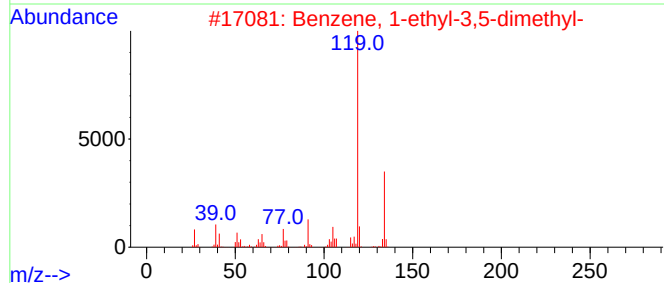
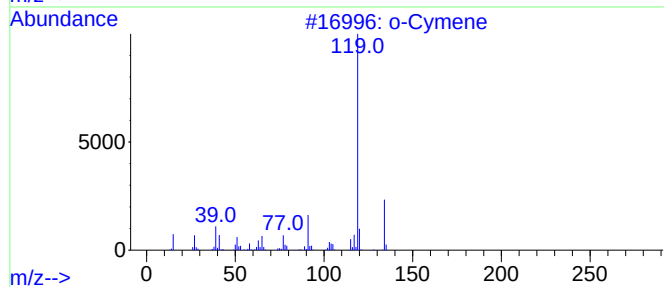
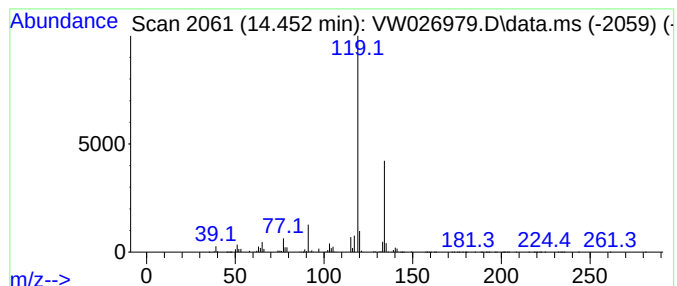
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Quant Title : SFAM01.0

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

Peak Number 52 o-Cymene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	24.08 ug/L	2842860	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	93
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

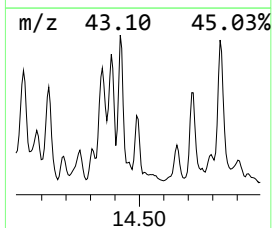
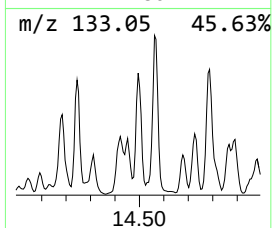
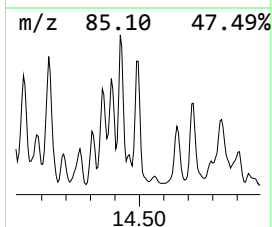
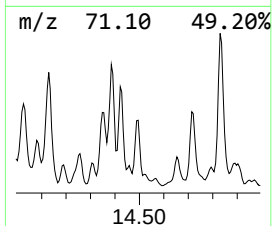
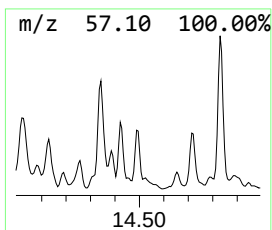
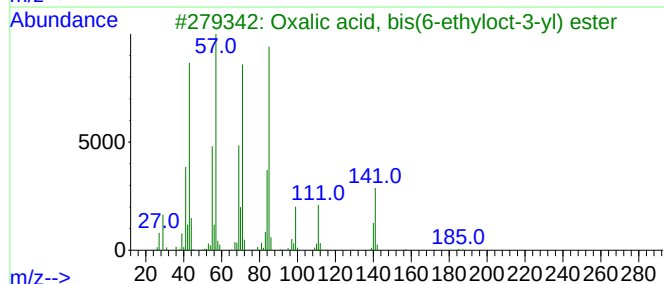
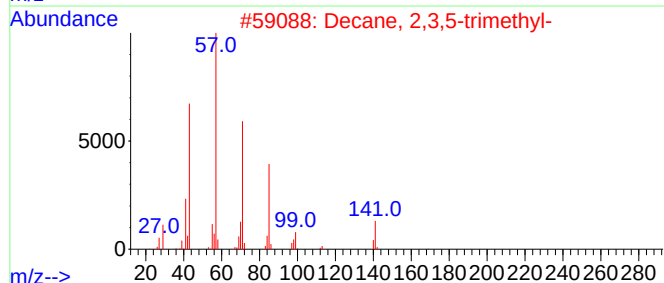
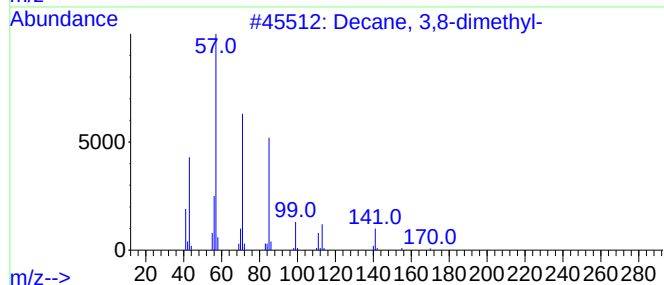
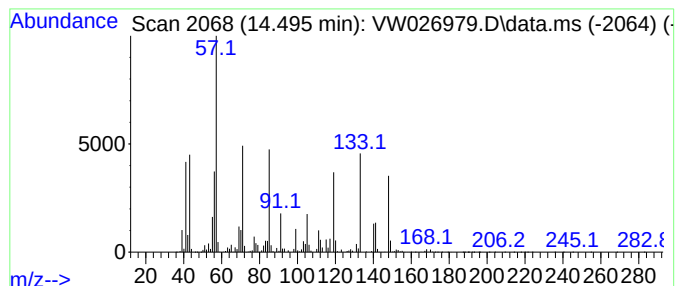
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Quant Title : SFAM01.0

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	31.46 ug/L	3713670	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	60
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
3			Oxalic acid, bis(6-ethyloct-3-yl)...	370	C22H42O4	1000309-34-6	43
4			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	43
5			9-methylheptadecane	254	C18H38	026741-18-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

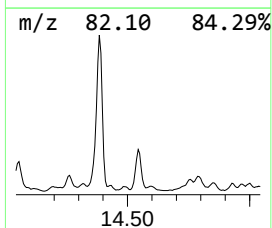
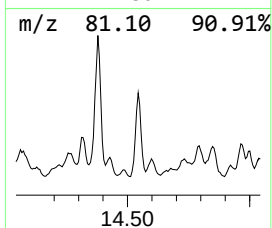
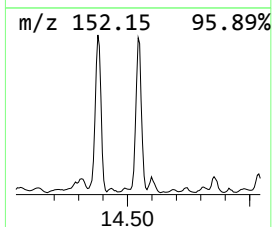
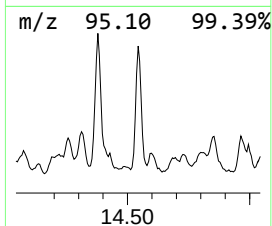
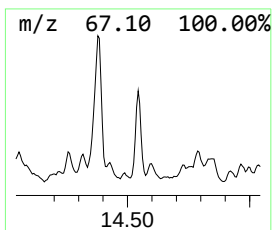
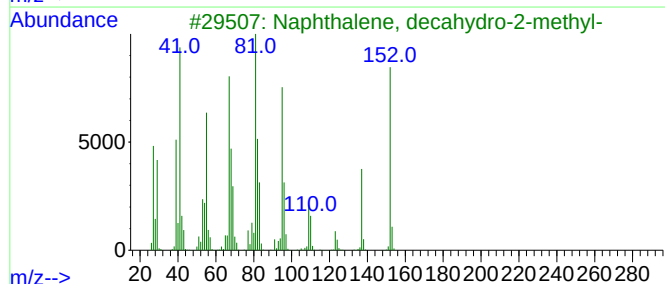
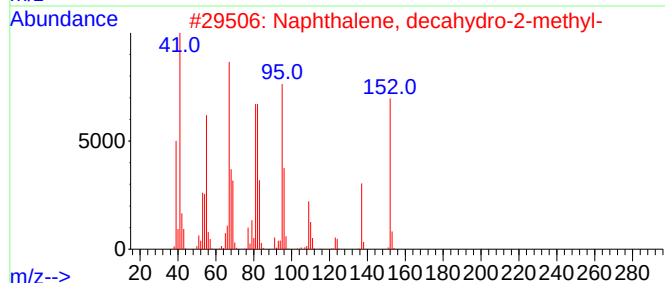
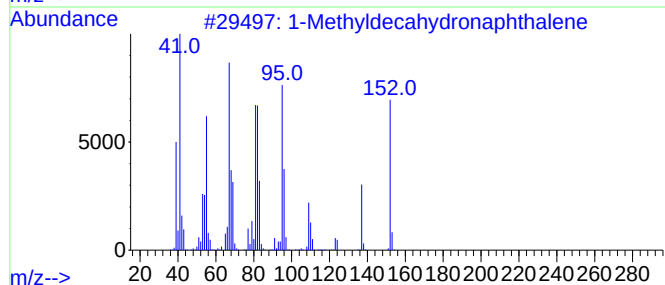
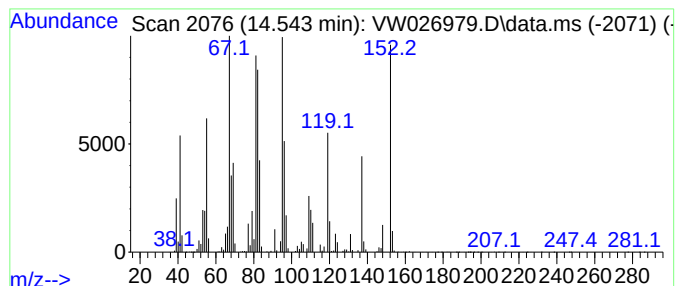
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Quant Title : SFAM01.0

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

Peak Number 54 1-Methyldecahydronaphthalene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.544	41.36 ug/L	4881870	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

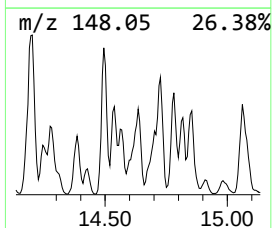
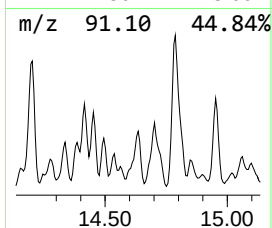
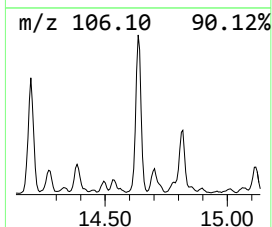
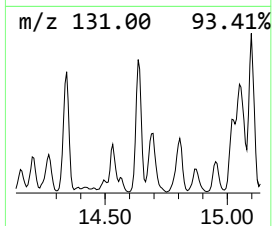
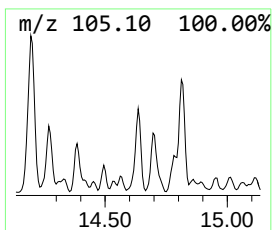
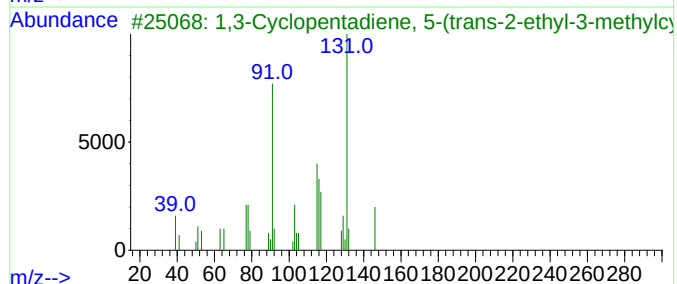
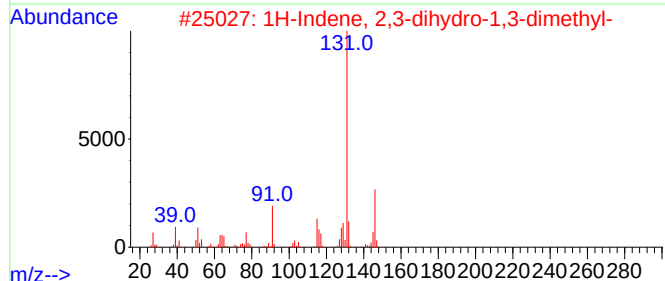
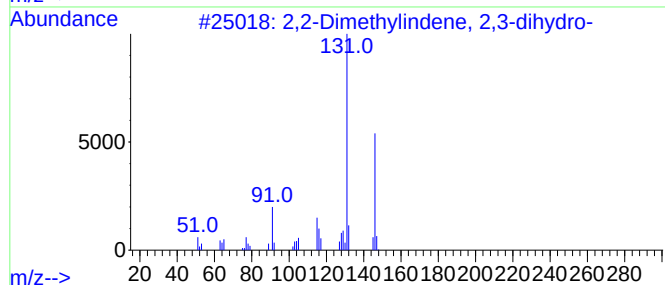
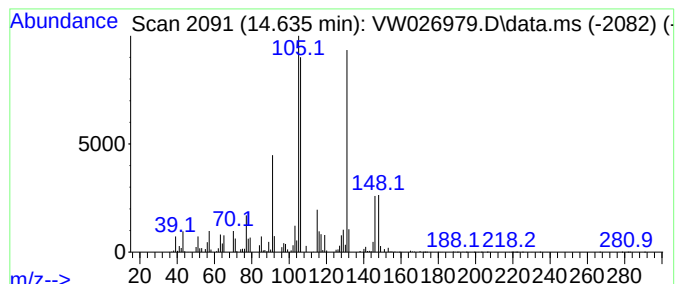
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Quant Title : SFAM01.0

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

Peak Number 55 2,2-Dimethylindene, 2,3-dih... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	25.19 ug/L	2973620	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
3			1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	64
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	55
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

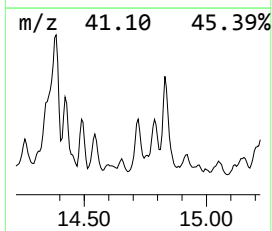
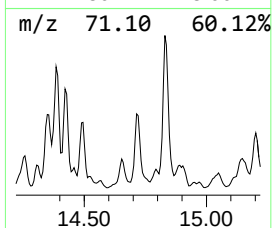
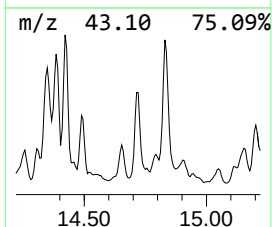
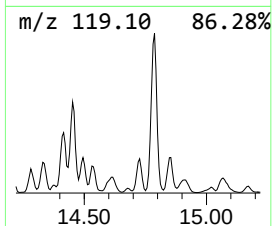
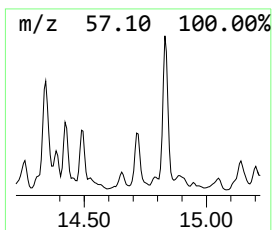
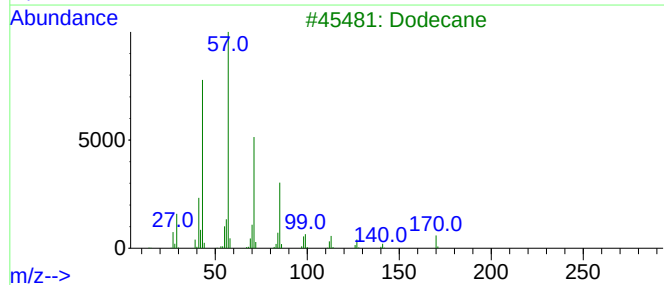
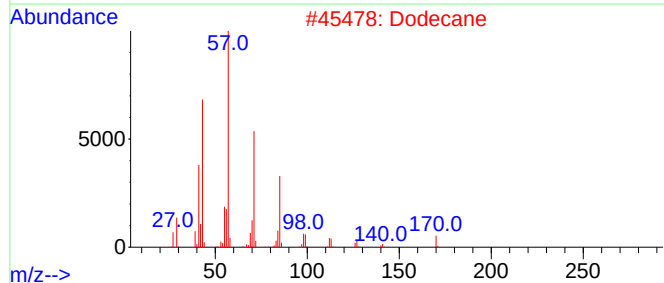
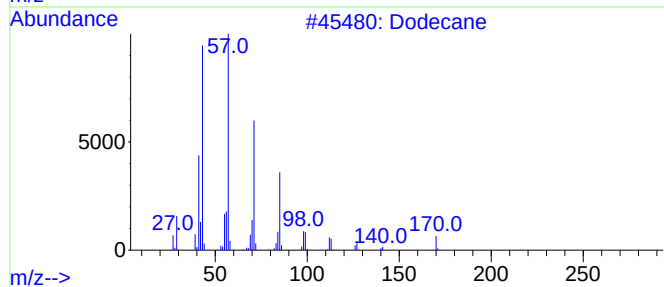
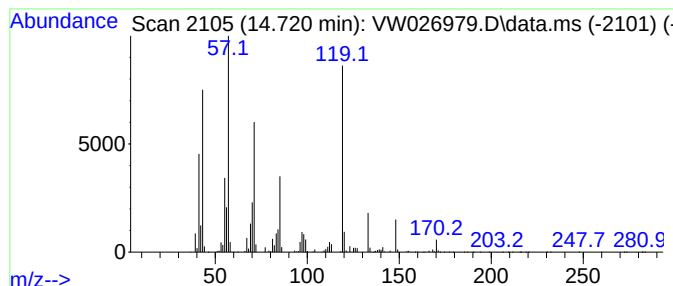
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Quant Title : SFAM01.0

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

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	38.88 ug/L	4590070	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	80
2			Dodecane	170	C12H26	000112-40-3	55
3			Dodecane	170	C12H26	000112-40-3	42
4			Dodecane	170	C12H26	000112-40-3	38
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

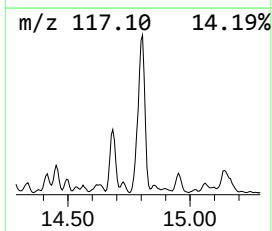
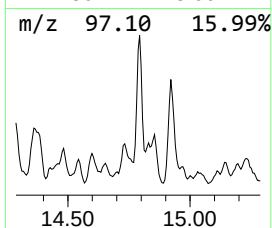
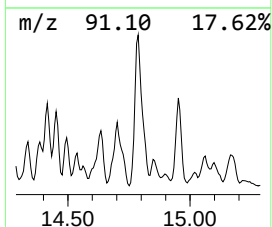
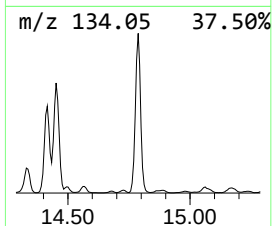
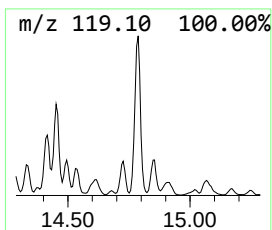
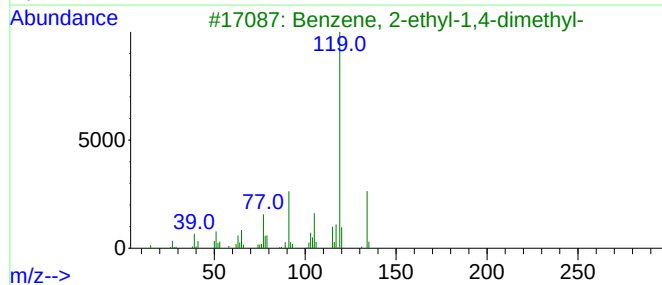
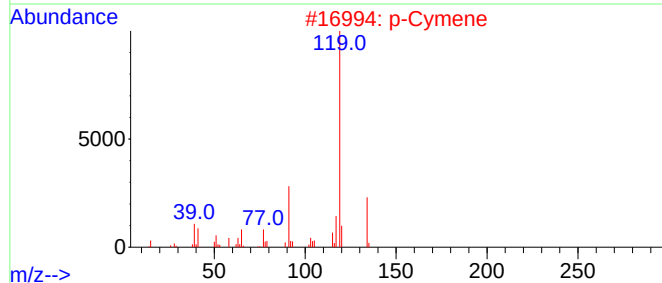
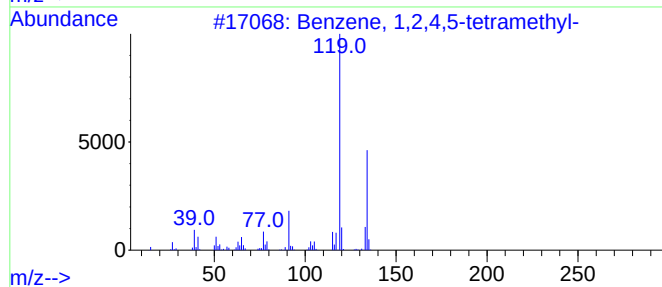
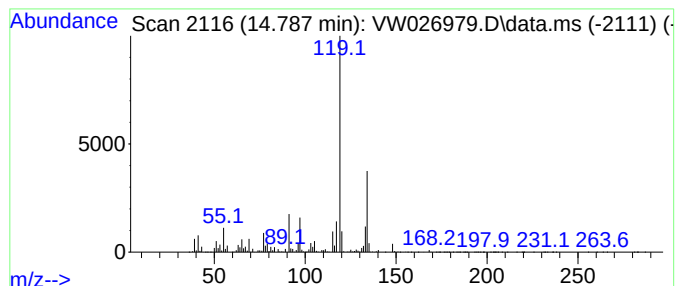
Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

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 57 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.787	103.85 ug/L	12258500	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	p-Cymene	134	C10H14	000099-87-6	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5	p-Cymene	134	C10H14	000099-87-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

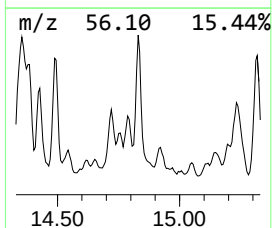
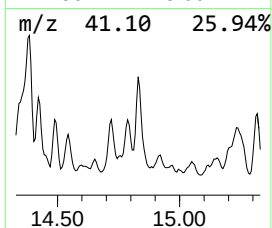
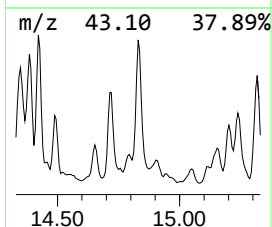
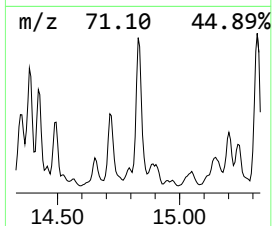
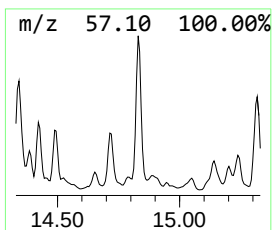
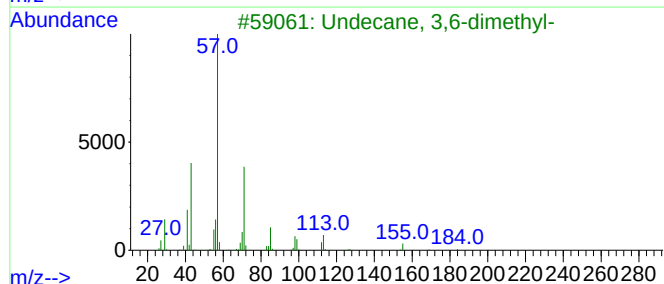
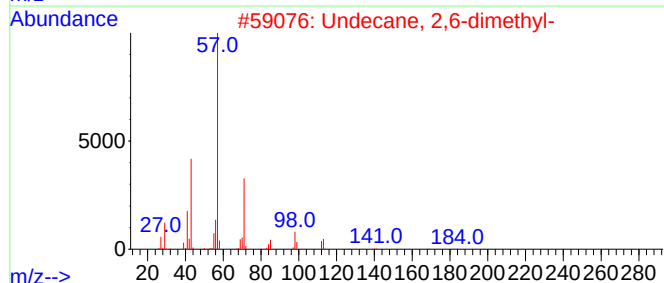
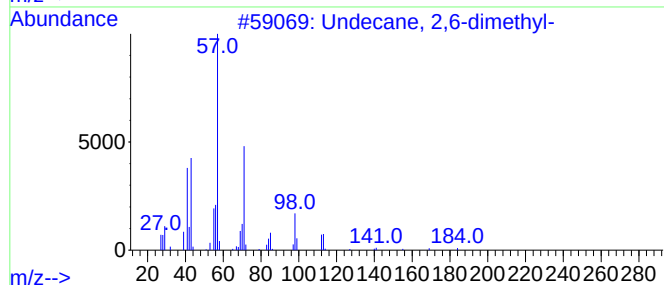
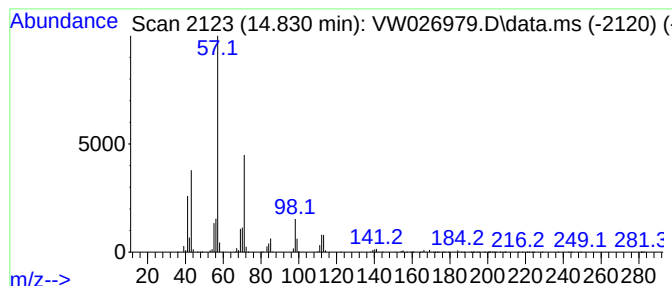
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Quant Title : SFAM01.0

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	72.76 ug/L	8589010	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
5			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

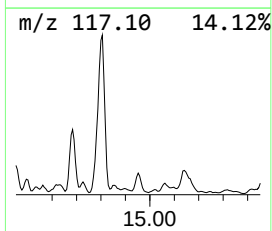
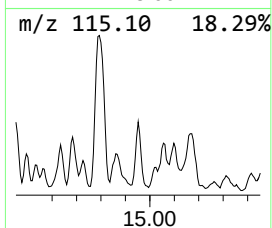
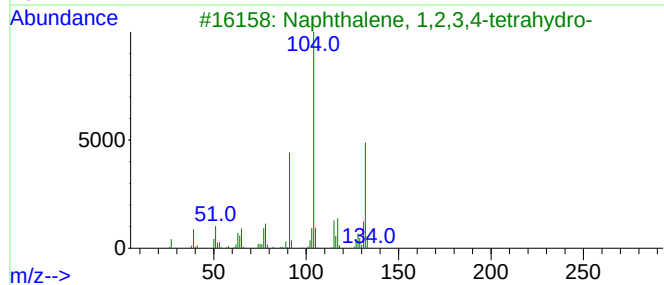
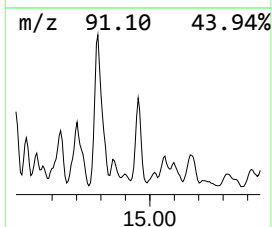
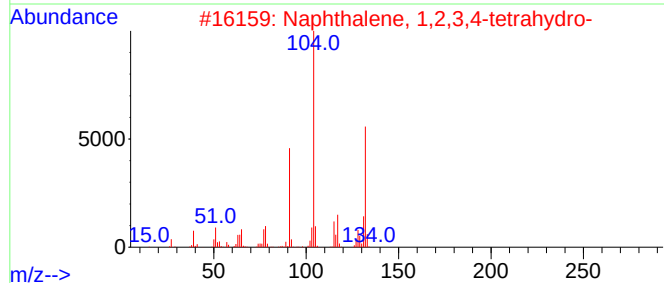
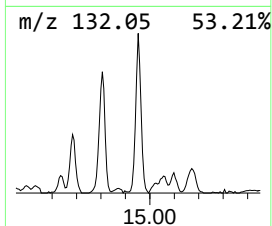
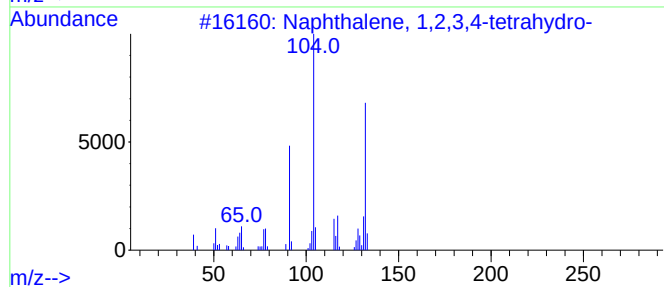
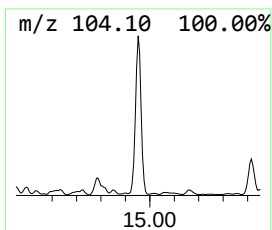
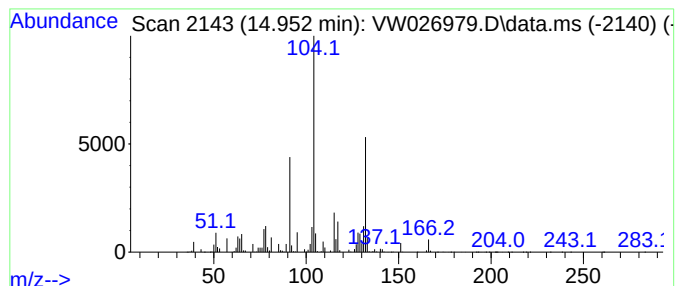
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Quant Title : SFAM01.0

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

Peak Number 59 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	22.30 ug/L	2632320	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

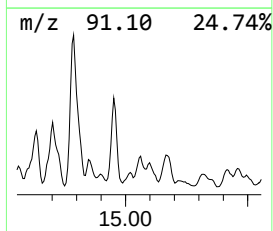
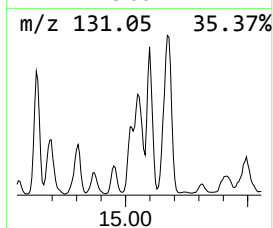
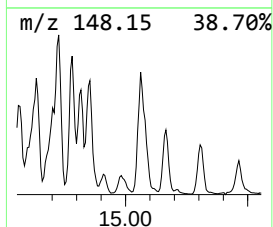
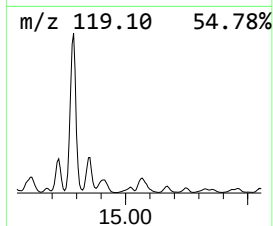
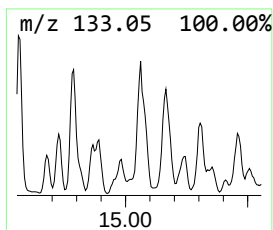
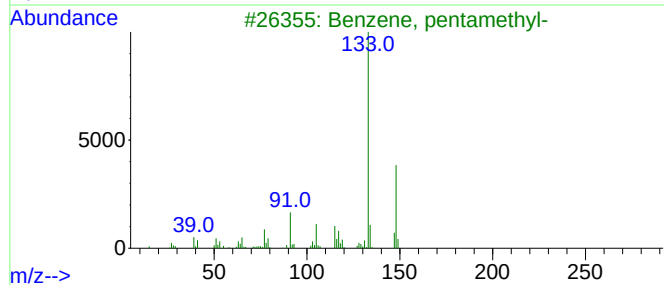
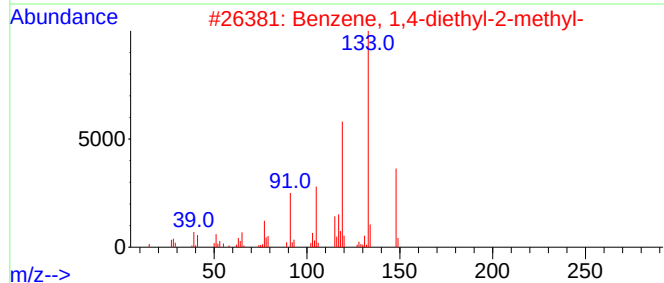
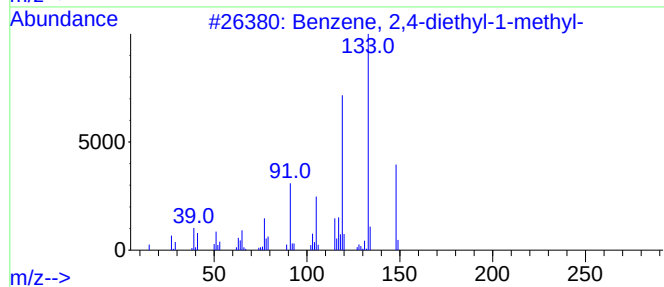
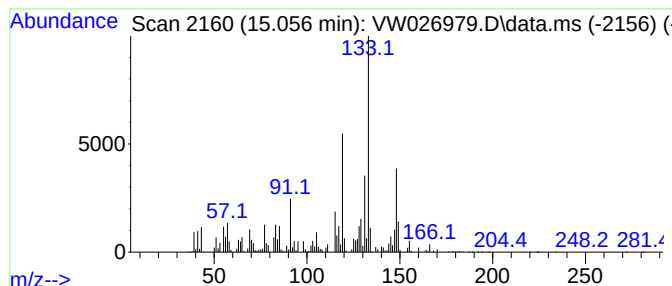
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Quant Title : SFAM01.0

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

Peak Number 60 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	14.47 ug/L	1708050	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	76
2			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	68
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	62
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	58
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

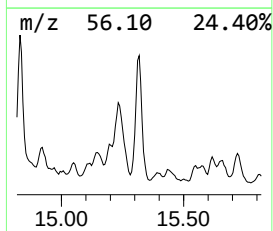
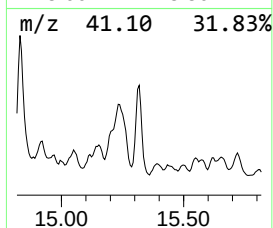
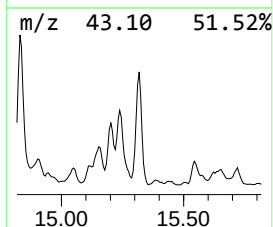
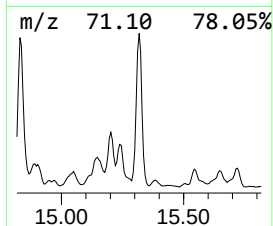
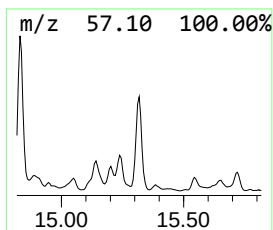
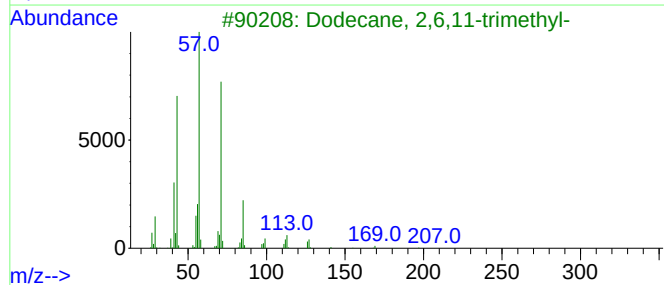
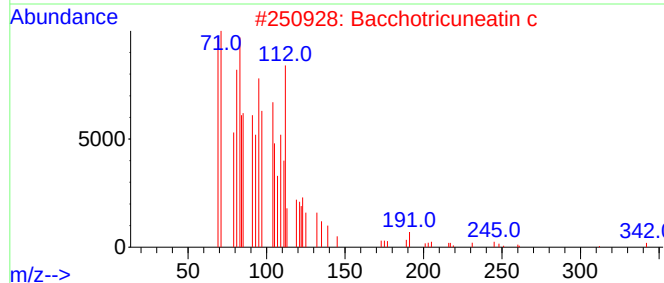
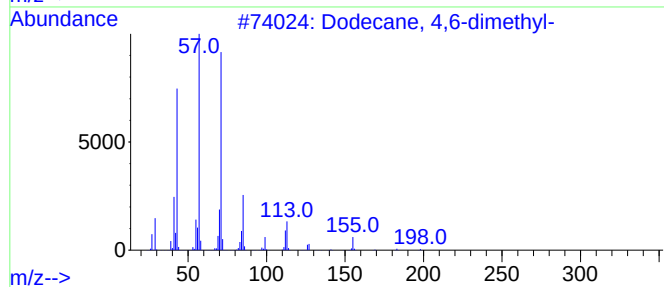
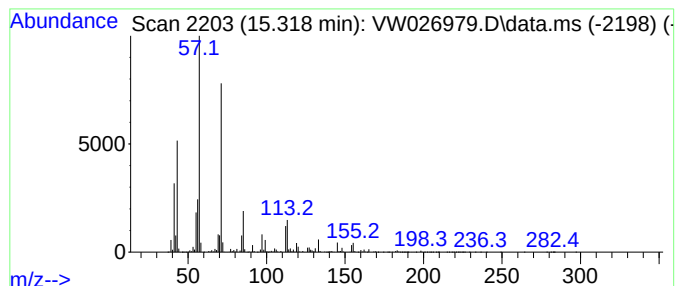
Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

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 61 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.318	46.55 ug/L	5494470	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	89
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	58
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

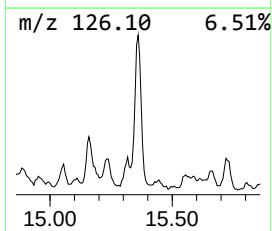
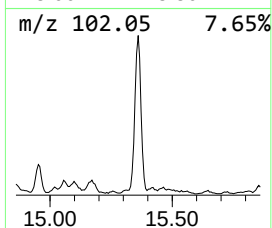
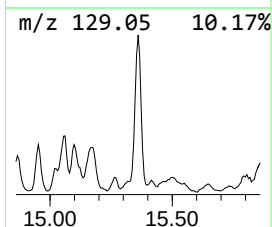
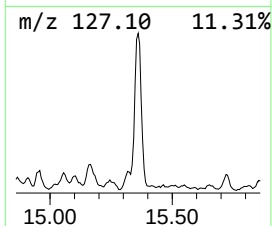
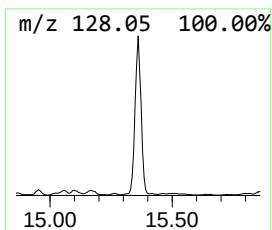
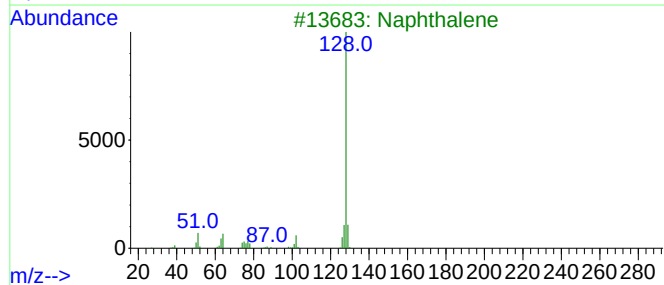
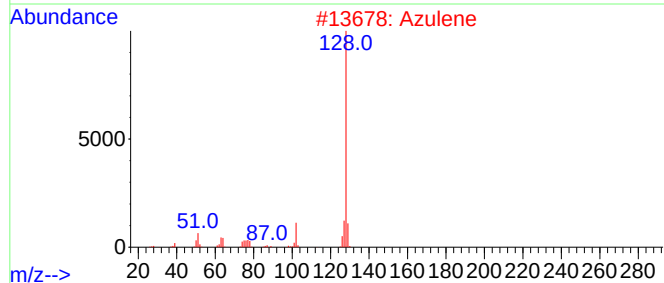
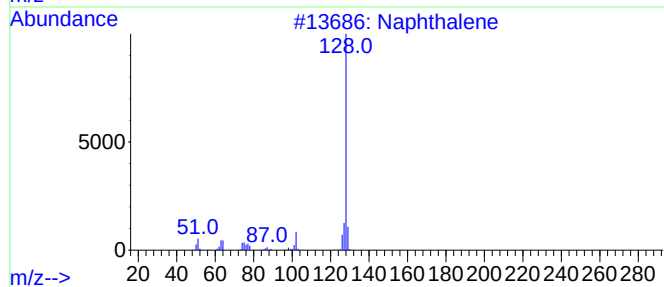
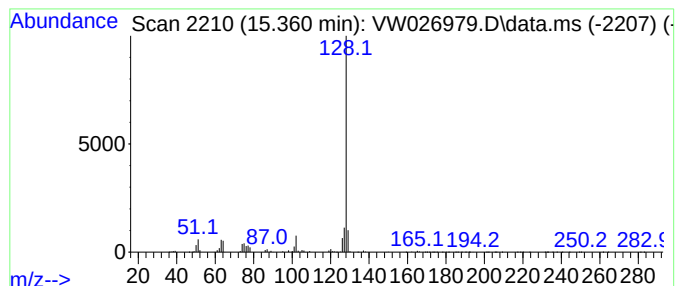
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Quant Title : SFAM01.0

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

Peak Number 62 Azulene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	20.20 ug/L	2384680	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	94
3			Naphthalene	128	C10H8	000091-20-3	94
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

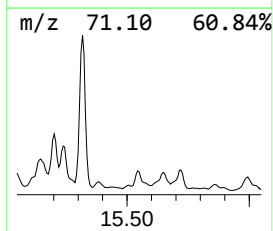
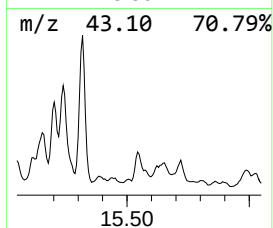
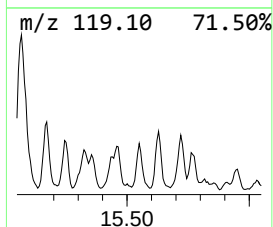
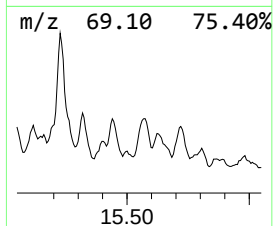
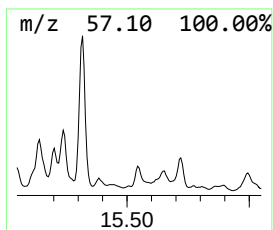
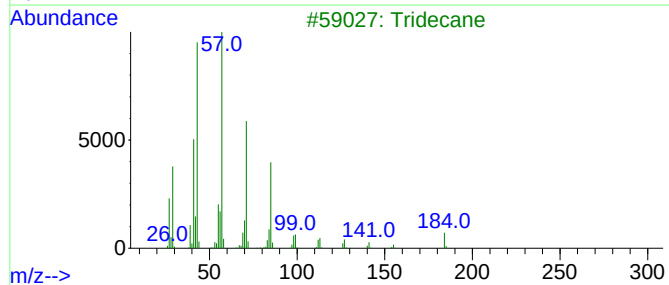
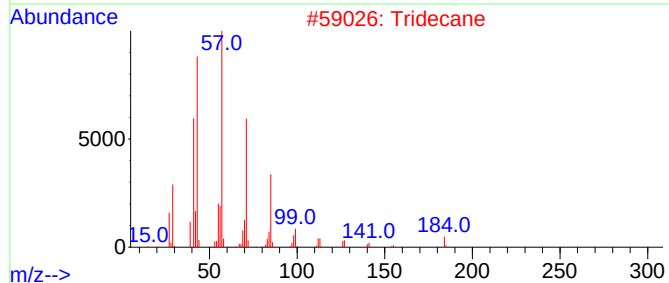
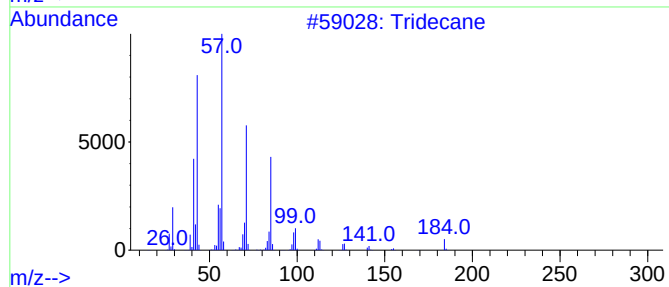
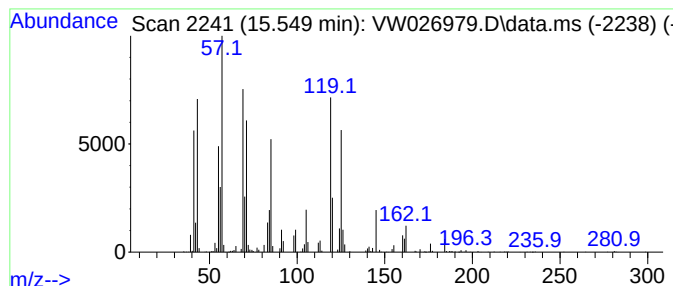
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Quant Title : SFAM01.0

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

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.549	4.77 ug/L	562982	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	56
2		Tridecane	184	C13H28	000629-50-5	25
3		Tridecane	184	C13H28	000629-50-5	25
4		5-Nonanol, trifluoroacetate	240	C11H19F3O2	1000463-48-1	22
5		Decane, 4-ethyl-	170	C12H26	001636-44-8	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

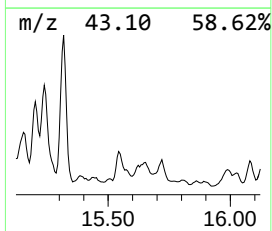
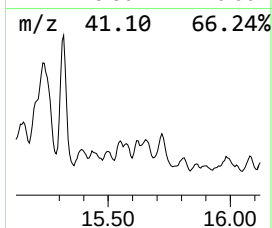
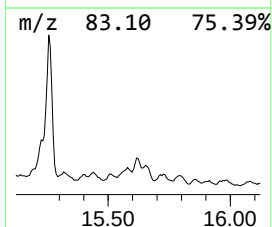
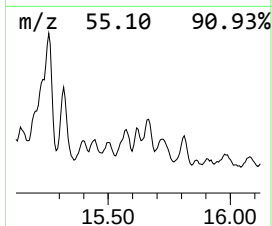
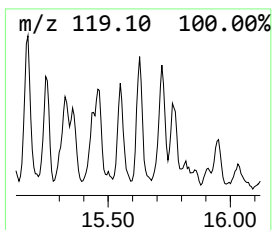
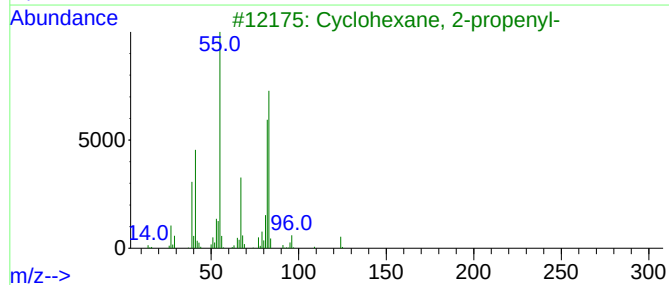
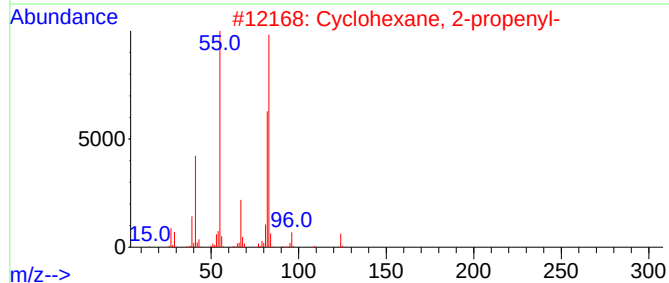
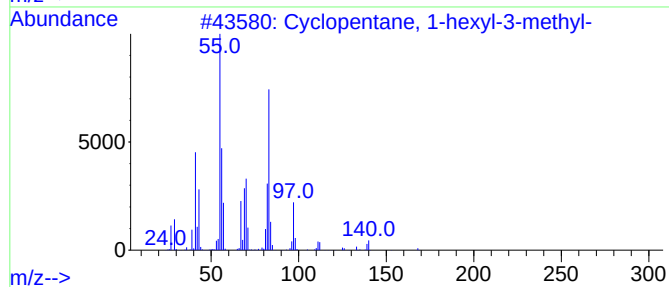
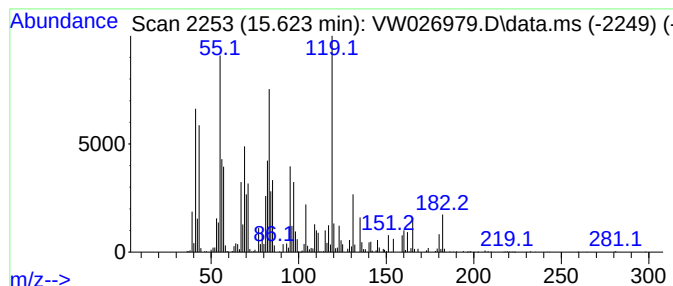
Instrument :
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ClientSampleId :
EZYK1RE

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 64 (DEL) Alkane: Cyclic15.623 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.623	7.72 ug/L	911376	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	30
2	Cyclohexane, 2-propenyl-		124	C9H16	002114-42-3	25
3	Cyclohexane, 2-propenyl-		124	C9H16	002114-42-3	18
4	6-Tridecene		182	C13H26	024949-38-0	15
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...		138	C10H18	004795-86-2	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

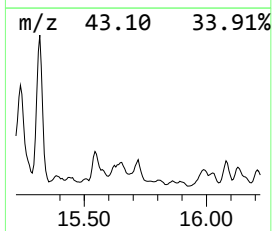
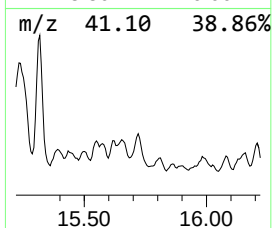
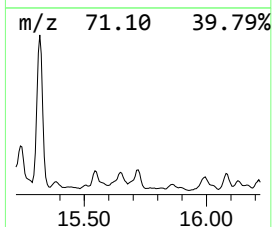
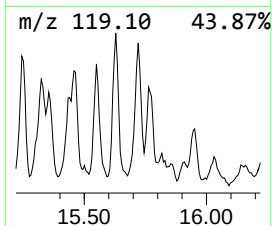
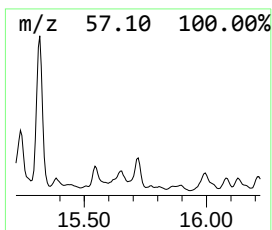
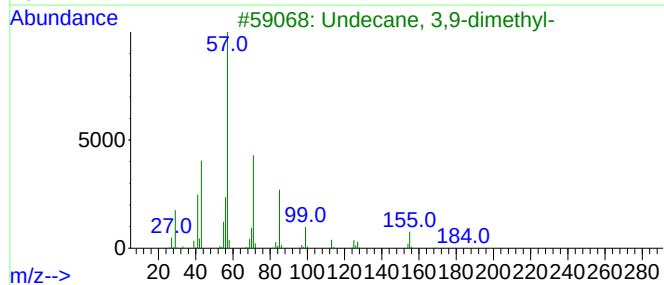
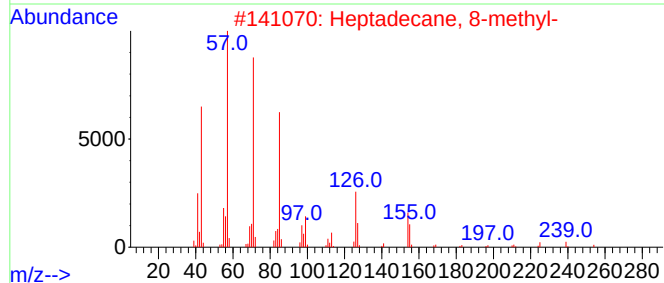
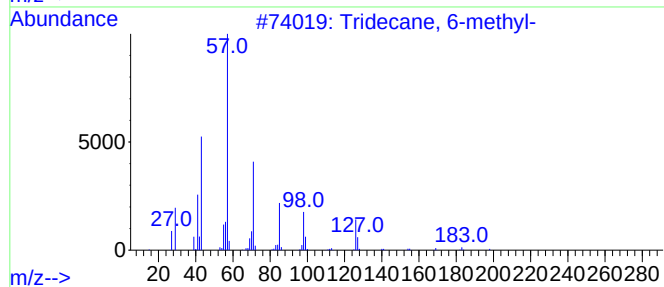
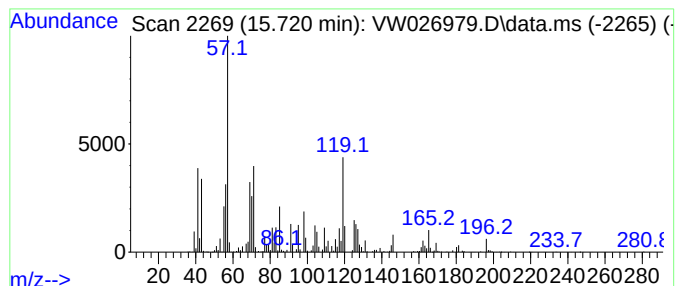
Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

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 65 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.720	15.32 ug/L	1808630	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-		198	C14H30	013287-21-3	46
2	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	35
3	Undecane, 3,9-dimethyl-		184	C13H28	017301-31-4	27
4	1-Octanol, 2-butyl-		186	C12H26O	003913-02-8	27
5	1-Octadecanesulphonyl chloride		352	C18H37ClO2S	1000342-70-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

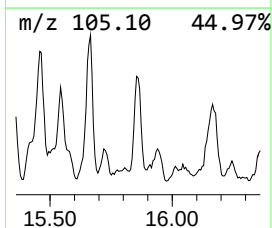
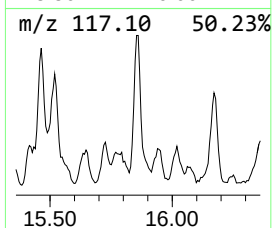
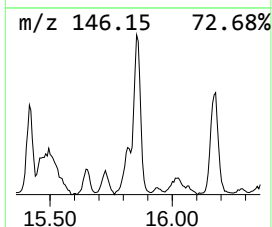
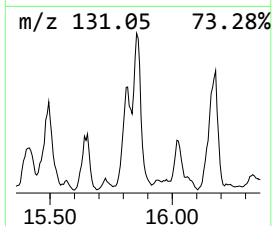
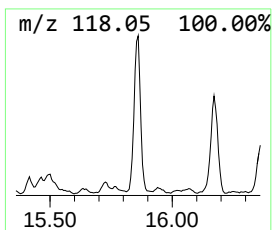
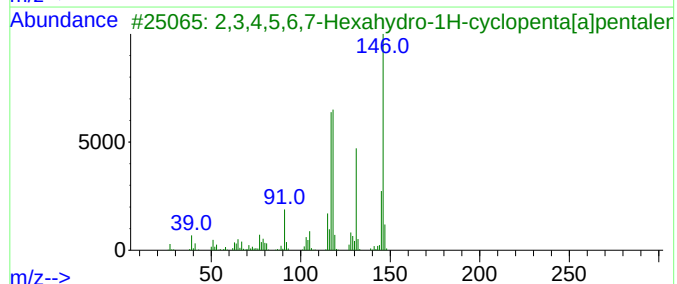
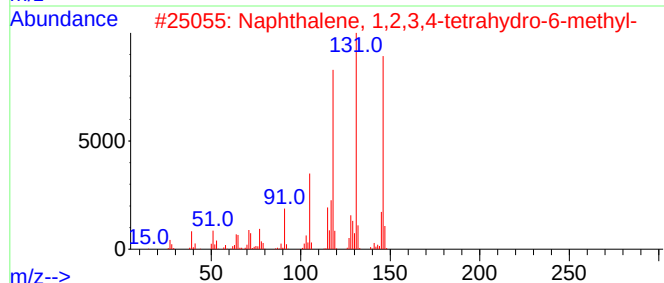
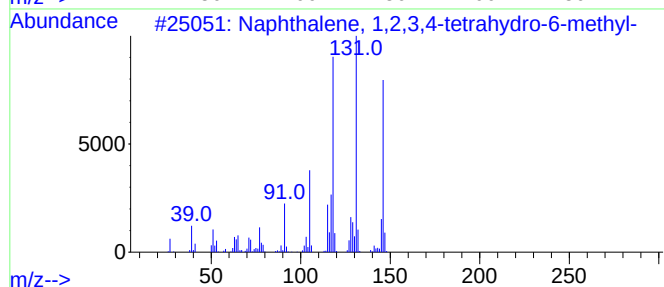
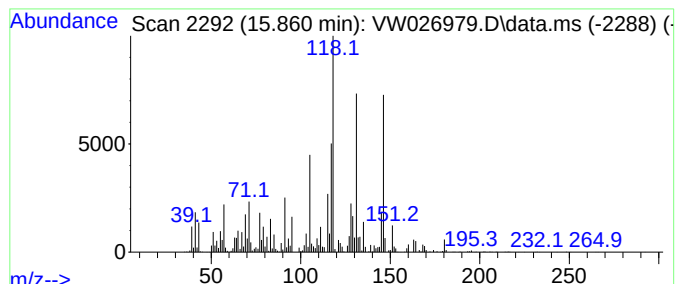
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Quant Title : SFAM01.0

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

Peak Number 66 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	8.43 ug/L	994856	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	87
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	62
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

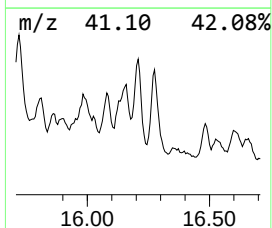
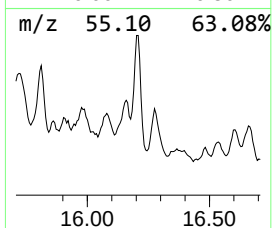
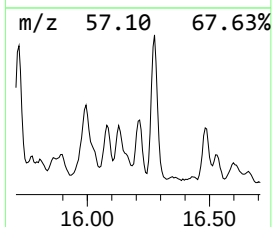
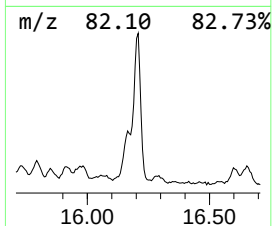
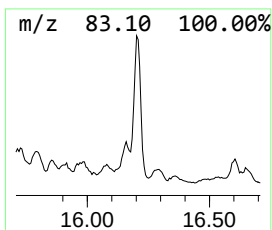
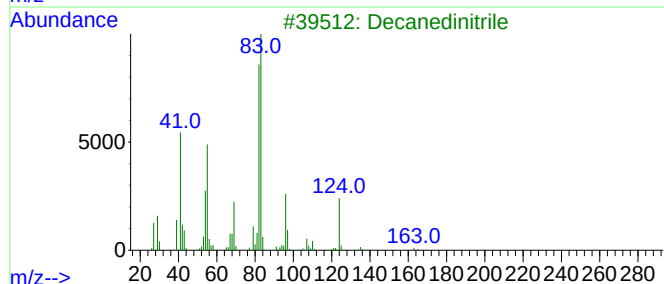
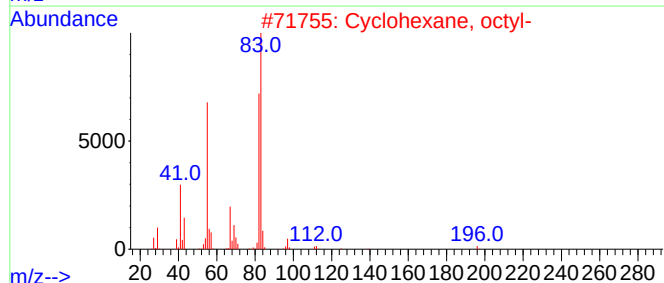
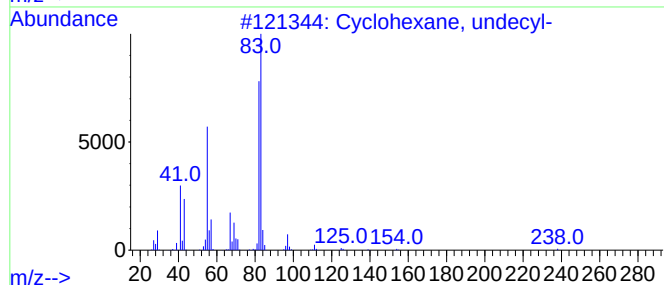
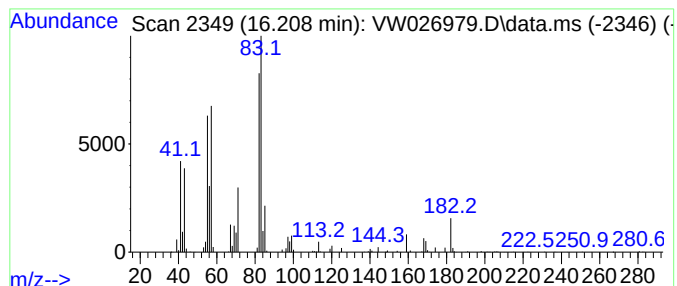
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Quant Title : SFAM01.0

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

Peak Number 67 (DEL) Alkane: Cyclic16.208 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.208	10.85 ug/L	1280770	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
2			Cyclohexane, octyl-	196	C14H28	001795-15-9	50
3			Decanedinitrile	164	C10H16N2	001871-96-1	50
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	50
5			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

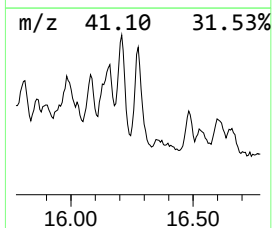
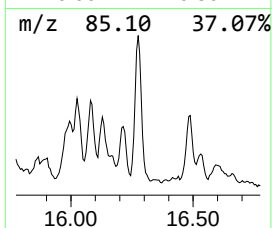
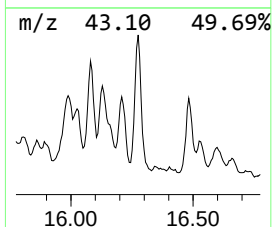
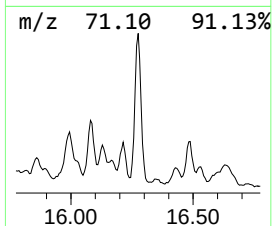
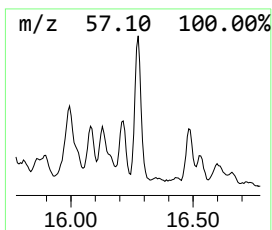
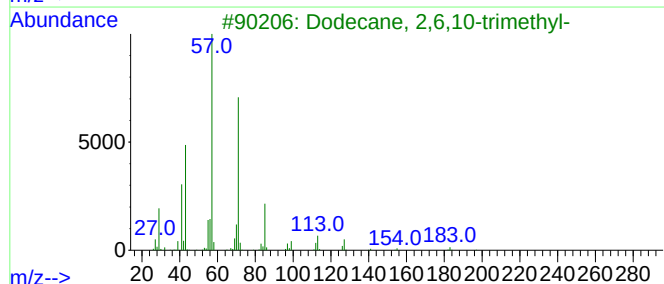
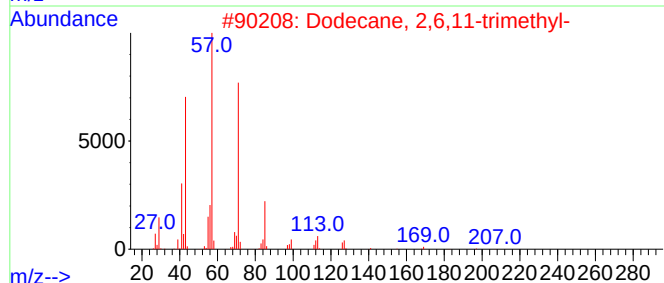
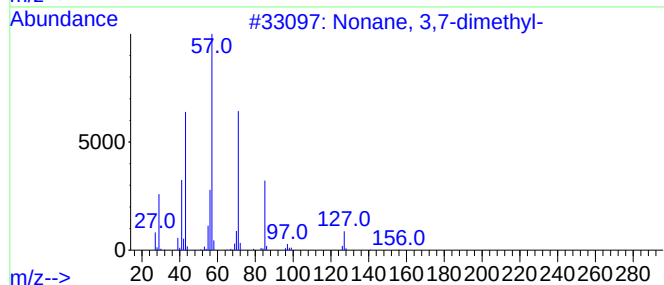
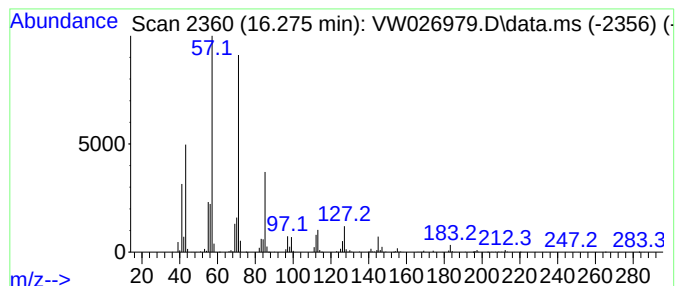
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Quant Title : SFAM01.0

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

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	13.85 ug/L	1634580	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

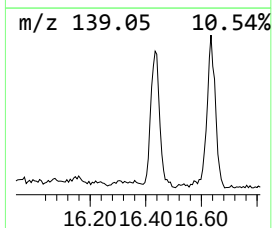
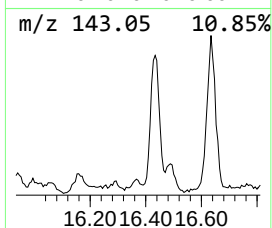
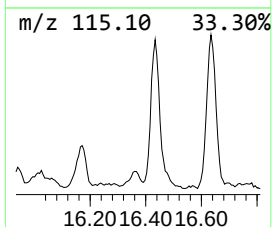
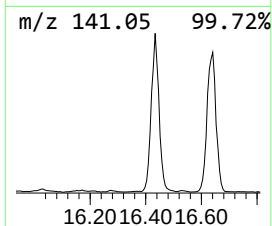
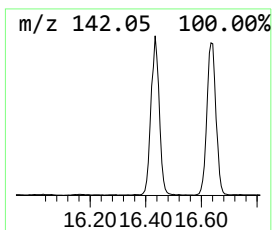
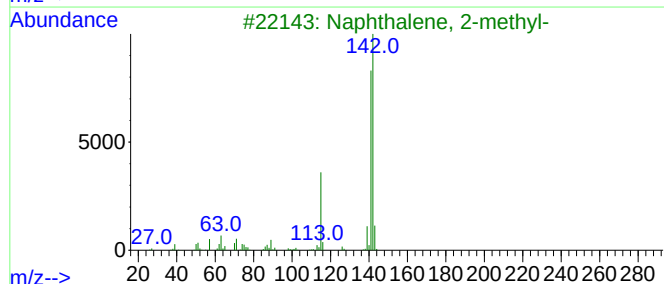
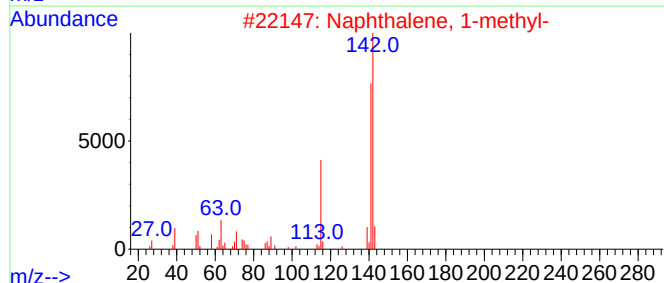
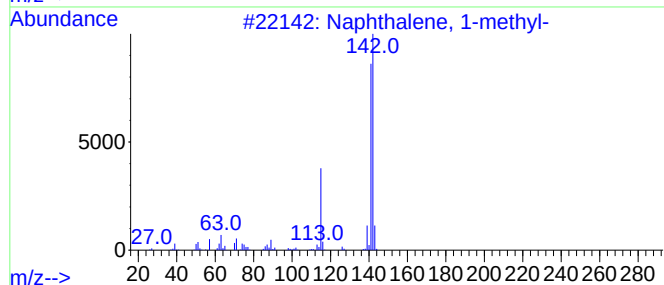
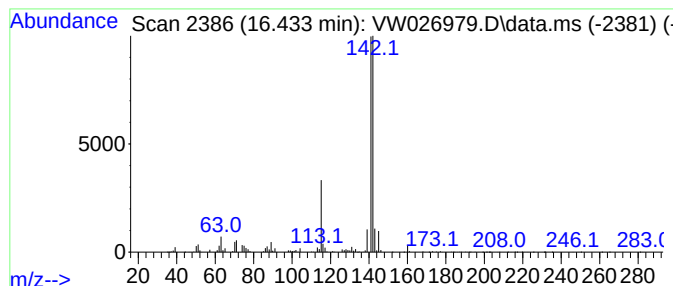
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Quant Title : SFAM01.0

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

Peak Number 69 Benzocycloheptatriene Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.433	12.60 ug/L	1486900	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5			Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

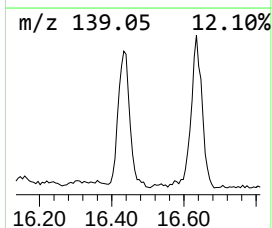
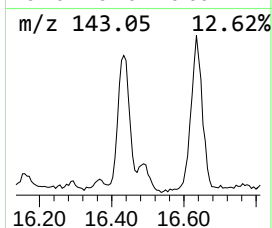
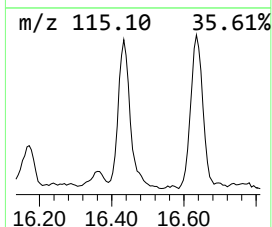
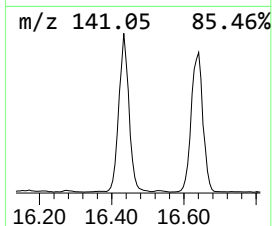
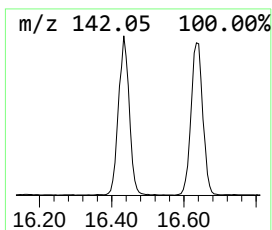
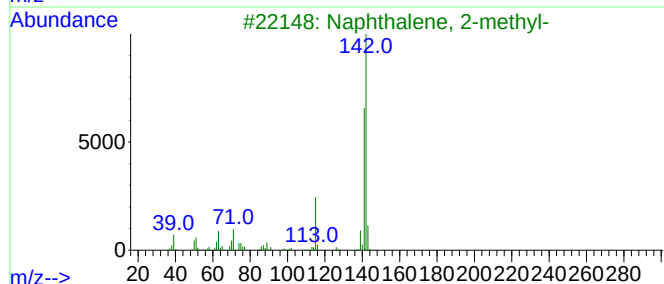
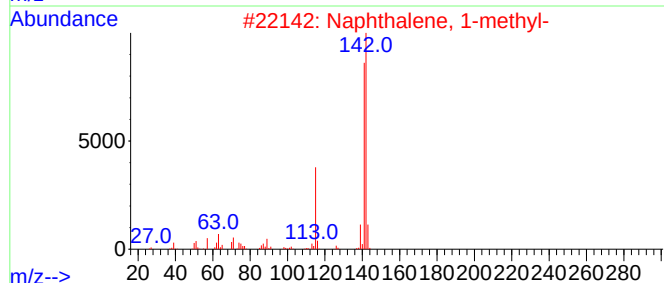
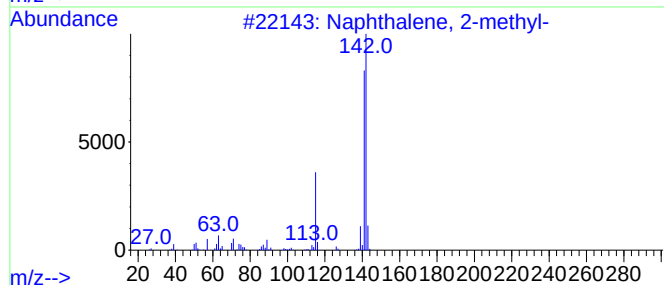
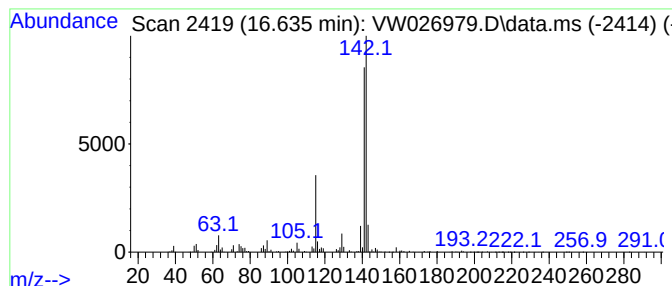
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Quant Title : SFAM01.0

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

Peak Number 70 1,4-Methanonaphthalene, 1,4... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.635	27.54 ug/L	3251540	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
Acq On : 31 Aug 2023 15:48
Operator : SY/MD
Sample : 04235-10RE
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

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...	5.941	3.3	ug/L	385242	1	8.843	2890610	25.0
(DEL) Alkane: S...	8.154	5.3	ug/L	618754	1	8.843	2890610	25.0
1-[2-(Pyrrolidi...	8.581	3.4	ug/L	387308	1	8.843	2890610	25.0
(DEL) Alkane: S...	8.697	16.5	ug/L	1904620	1	8.843	2890610	25.0
(DEL) Alkane: C...	9.605	5.5	ug/L	639696	1	8.843	2890610	25.0
(DEL) Alkane: C...	9.752	8.3	ug/L	960688	1	8.843	2890610	25.0
(DEL) Alkane: S...	9.898	6.6	ug/L	766105	1	8.843	2890610	25.0
(DEL) Alkane: S...	9.959	47.6	ug/L	5508680	1	8.843	2890610	25.0
(DEL) Alkane: S...	10.093	37.3	ug/L	4311600	1	8.843	2890610	25.0
(DEL) Alkane: S...	10.502	122.2	ug/L	11434800	2	11.629	2340110	25.0
(DEL) Alkane: C...	10.666	30.6	ug/L	2865310	2	11.629	2340110	25.0
(DEL) Alkane: C...	10.764	23.5	ug/L	2200050	2	11.629	2340110	25.0
(DEL) Alkane: S...	10.843	10.2	ug/L	956603	2	11.629	2340110	25.0
(DEL) Alkane: S...	11.032	27.3	ug/L	2551990	2	11.629	2340110	25.0
(DEL) Alkane: C...	11.105	17.1	ug/L	1604740	2	11.629	2340110	25.0
(DEL) Alkane: C...	11.178	75.2	ug/L	7035170	2	11.629	2340110	25.0
(DEL) Alkane: C...	11.227	44.7	ug/L	4182360	2	11.629	2340110	25.0
(DEL) Alkane: C...	11.282	4.6	ug/L	428928	2	11.629	2340110	25.0
(DEL) Alkane: S...	11.337	33.6	ug/L	3144850	2	11.629	2340110	25.0
(DEL) Alkane: S...	11.410	134.7	ug/L	12607500	2	11.629	2340110	25.0
(DEL) Alkane: S...	11.514	77.6	ug/L	7265240	2	11.629	2340110	25.0
(DEL) Alkane: C...	11.916	39.0	ug/L	3651190	2	11.629	2340110	25.0
(DEL) Alkane: C...	11.971	9.5	ug/L	892298	2	11.629	2340110	25.0
(DEL) Alkane: S...	12.056	20.5	ug/L	1918700	2	11.629	2340110	25.0
(DEL) Alkane: S...	12.251	72.0	ug/L	6744270	2	11.629	2340110	25.0
(DEL) Alkane: C...	12.306	21.4	ug/L	2005000	2	11.629	2340110	25.0
(DEL) Alkane: S...	12.367	201.9	ug/L	18902400	2	11.629	2340110	25.0
(DEL) Alkane: S...	12.538	25.0	ug/L	2337370	2	11.629	2340110	25.0
(DEL) Alkane: S...	12.623	13.8	ug/L	1627140	3	13.556	2951150	25.0
(DEL) Alkane: C...	12.782	66.0	ug/L	7788240	3	13.556	2951150	25.0
Benzene, 1-ethy...	12.861	97.9	ug/L	11560000	3	13.556	2951150	25.0
(DEL) Alkane: C...	13.080	23.3	ug/L	2746710	3	13.556	2951150	25.0
(DEL) Alkane: S...	13.160	104.0	ug/L	12270400	3	13.556	2951150	25.0
(DEL) Alkane: S...	13.342	25.6	ug/L	3016340	3	13.556	2951150	25.0
unknown-01	13.373	19.5	ug/L	2297790	3	13.556	2951150	25.0
(DEL) Alkane: C...	13.440	141.6	ug/L	16716100	3	13.556	2951150	25.0
(DEL) Alkane: S...	13.483	57.9	ug/L	6836890	3	13.556	2951150	25.0
(DEL) Alkane: S...	13.623	35.2	ug/L	4157790	3	13.556	2951150	25.0
Benzene, 1,3-di...	13.714	39.0	ug/L	4604940	3	13.556	2951150	25.0
Benzene, cyclop...	13.751	32.2	ug/L	3805710	3	13.556	2951150	25.0
Benzene, 1-ethy...	13.788	48.9	ug/L	5777620	3	13.556	2951150	25.0
4-Octen-3-one	13.916	9.2	ug/L	1080320	3	13.556	2951150	25.0
Benzene, 1-meth...	13.946	6.5	ug/L	767557	3	13.556	2951150	25.0
Benzene, 1-ethy...	14.013	20.1	ug/L	2375120	3	13.556	2951150	25.0
Benzene, 4-ethy...	14.092	46.8	ug/L	5521610	3	13.556	2951150	25.0
p-Cymene	14.196	55.5	ug/L	6557220	3	13.556	2951150	25.0
Oxirane, tetrad...	14.257	30.6	ug/L	3611100	3	13.556	2951150	25.0
unknown-02	14.342	59.9	ug/L	7073590	3	13.556	2951150	25.0
(DEL) Alkane: C...	14.385	114.6	ug/L	13530600	3	13.556	2951150	25.0
(DEL) Alkane: S...	14.422	54.9	ug/L	6482380	3	13.556	2951150	25.0
o-Cymene	14.452	24.1	ug/L	2842860	3	13.556	2951150	25.0
(DEL) Alkane: S...	14.495	31.5	ug/L	3713670	3	13.556	2951150	25.0

1-Methyldecahyd...	14.544	41.4	ug/L	4881870	3	13.556	2951150	25.0
2,2-Dimethylind...	14.635	25.2	ug/L	2973620	3	13.556	2951150	25.0
(DEL) Alkane: S...	14.720	38.9	ug/L	4590070	3	13.556	2951150	25.0
Benzene, 1,2,4,...	14.787	103.8	ug/L	12258500	3	13.556	2951150	25.0
(DEL) Alkane: S...	14.830	72.8	ug/L	8589010	3	13.556	2951150	25.0
Naphthalene, 1,...	14.952	22.3	ug/L	2632320	3	13.556	2951150	25.0
Benzene, 2,4-di...	15.056	14.5	ug/L	1708050	3	13.556	2951150	25.0
(DEL) Alkane: S...	15.318	46.5	ug/L	5494470	3	13.556	2951150	25.0
Azulene	15.360	20.2	ug/L	2384680	3	13.556	2951150	25.0
(DEL) Alkane: S...	15.549	4.8	ug/L	562982	3	13.556	2951150	25.0
(DEL) Alkane: C...	15.623	7.7	ug/L	911376	3	13.556	2951150	25.0
(DEL) Alkane: S...	15.720	15.3	ug/L	1808630	3	13.556	2951150	25.0
Naphthalene, 1,...	15.860	8.4	ug/L	994856	3	13.556	2951150	25.0
(DEL) Alkane: C...	16.208	10.9	ug/L	1280770	3	13.556	2951150	25.0
(DEL) Alkane: S...	16.275	13.9	ug/L	1634580	3	13.556	2951150	25.0
Benzocyclohepta...	16.433	12.6	ug/L	1486900	3	13.556	2951150	25.0
1,4-Methanonaph...	16.635	27.5	ug/L	3251540	3	13.556	2951150	25.0

Instrument :

MSVOA_W

ClientSampleId :

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