

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026453.D
 Acq On : 29 Jun 2023 23:39
 Operator : SY/MD
 Sample : 03452-10
 Misc : 4.39g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46N8

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\SFAMWLM062923SMA.M
 Title : SFAM01.0

Signal : TIC: VW026453.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	98	rVB	114965	324973	7.33%	0.435%
2	2.899	158	166	180	rVB	138062	390500	8.81%	0.523%
3	4.021	339	350	360	rBV	244909	806979	18.20%	1.081%
4	4.118	360	366	377	rVV	91048	267109	6.02%	0.358%
5	4.393	401	411	424	rVB2	6980	26630	0.60%	0.036%
6	4.923	488	498	511	rBV4	20708	85884	1.94%	0.115%
7	5.935	658	664	674	rVB4	10882	32378	0.73%	0.043%
8	7.075	843	851	860	rVV	82477	240981	5.44%	0.323%
9	7.173	861	867	878	rVB	43550	131443	2.96%	0.176%
10	7.648	936	945	957	rVV	463777	1120515	25.27%	1.501%
11	7.922	979	990	1000	rBV5	12467	44999	1.01%	0.060%
12	8.038	1002	1009	1016	rVV3	11983	30582	0.69%	0.041%
13	8.154	1020	1028	1034	rBV2	25072	54330	1.23%	0.073%
14	8.276	1037	1048	1064	rVV2	886697	2653768	59.85%	3.555%
15	8.435	1066	1074	1078	rVV10	10777	30677	0.69%	0.041%
16	8.483	1078	1082	1091	rVV5	10576	34152	0.77%	0.046%
17	8.575	1091	1097	1104	rVB7	11162	26461	0.60%	0.035%
18	8.843	1132	1141	1151	rBV	958526	1871316	42.21%	2.507%
19	9.075	1174	1179	1184	rVV9	6191	11981	0.27%	0.016%
20	9.142	1187	1190	1196	rVB3	6369	12157	0.27%	0.016%
21	9.276	1201	1212	1218	rBV	624146	1305643	29.45%	1.749%
22	9.331	1218	1221	1226	rVV2	62385	116448	2.63%	0.156%
23	9.380	1226	1229	1238	rVB2	26515	51685	1.17%	0.069%
24	9.605	1262	1266	1273	rVB2	21610	40526	0.91%	0.054%
25	9.751	1284	1290	1299	rVB2	32343	66551	1.50%	0.089%
26	9.892	1308	1313	1318	rBV2	28352	51054	1.15%	0.068%
27	9.953	1318	1323	1326	rBV4	20353	38881	0.88%	0.052%
28	9.989	1326	1329	1331	rBV	11716	14394	0.32%	0.019%
29	10.032	1331	1336	1342	rVV	298337	513172	11.57%	0.687%
30	10.093	1342	1346	1350	rVB3	18156	27917	0.63%	0.037%
31	10.245	1359	1371	1376	rBV2	24996	61605	1.39%	0.083%
32	10.324	1376	1384	1393	rBV	1479328	2703327	60.97%	3.621%
33	10.440	1399	1403	1406	rBV4	12028	18969	0.43%	0.025%
34	10.501	1406	1413	1420	rVB5	27255	75031	1.69%	0.101%
35	10.574	1420	1425	1435	rBV	195836	359693	8.11%	0.482%
36	10.666	1435	1440	1448	rVB2	27800	50771	1.15%	0.068%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

37	10.757	1449	1455	1465	rBV6	29679	85505	1.93%	0.115%
38	10.843	1465	1469	1474	rVB	42451	71778	1.62%	0.096%
39	10.928	1476	1483	1492	rBV2	429424	842859	19.01%	1.129%
40	11.032	1495	1500	1508	rVB	83520	169407	3.82%	0.227%
41	11.111	1508	1513	1516	rBV2	25488	41076	0.93%	0.055%
42	11.178	1520	1524	1527	rVV2	35563	53930	1.22%	0.072%
43	11.227	1527	1532	1537	rVB	103923	173076	3.90%	0.232%
44	11.282	1537	1541	1545	rVB2	19679	26759	0.60%	0.036%
45	11.337	1545	1550	1554	rBV2	82701	139075	3.14%	0.186%
46	11.385	1554	1558	1560	rVV4	43027	85260	1.92%	0.114%
47	11.434	1563	1566	1573	rVB	66725	113746	2.57%	0.152%
48	11.507	1573	1578	1589	rBV	108918	202960	4.58%	0.272%
49	11.629	1590	1598	1606	rBV	1285465	2194869	49.50%	2.940%
50	11.763	1616	1620	1623	rBV3	32166	47460	1.07%	0.064%
51	11.818	1623	1629	1633	rVB3	49519	90537	2.04%	0.121%
52	11.873	1633	1638	1642	rBV2	137070	241418	5.45%	0.323%
53	11.916	1642	1645	1650	rVB3	82706	129165	2.91%	0.173%
54	11.971	1650	1654	1656	rBV2	43089	66717	1.50%	0.089%
55	12.001	1656	1659	1663	rBV2	24243	35673	0.80%	0.048%
56	12.062	1664	1669	1674	rVB3	95036	155614	3.51%	0.208%
57	12.135	1674	1681	1686	rBV3	305421	640311	14.44%	0.858%
58	12.184	1687	1689	1692	rVB2	54235	55591	1.25%	0.074%
59	12.245	1692	1699	1704	rVB	467344	855678	19.30%	1.146%
60	12.361	1704	1718	1725	rBV3	545769	1845595	41.63%	2.472%
61	12.452	1729	1733	1734	rBV3	61029	80574	1.82%	0.108%
62	12.501	1735	1741	1751	rVB4	314949	855979	19.31%	1.147%
63	12.586	1751	1755	1758	rBV	157787	254585	5.74%	0.341%
64	12.617	1758	1760	1765	rVB	183351	226275	5.10%	0.303%
65	12.690	1765	1772	1777	rBV2	670412	1345704	30.35%	1.803%
66	12.745	1778	1781	1782	rBV2	91178	97923	2.21%	0.131%
67	12.775	1782	1786	1792	rVB4	445182	862087	19.44%	1.155%
68	12.855	1792	1799	1804	rBV4	267936	662855	14.95%	0.888%
69	12.940	1804	1813	1818	rBV7	686925	2203711	49.70%	2.952%
70	13.074	1831	1835	1839	rVB	373050	507995	11.46%	0.681%
71	13.123	1839	1843	1846	rBV3	388636	651477	14.69%	0.873%
72	13.159	1846	1849	1851	rBV	452415	589706	13.30%	0.790%
73	13.287	1863	1870	1875	rBV	782171	1497235	33.77%	2.006%
74	13.342	1875	1879	1882	rVV2	517854	785951	17.73%	1.053%
75	13.403	1886	1889	1893	rVV	988966	1782605	40.21%	2.388%
76	13.446	1893	1896	1899	rVV2	863413	1309630	29.54%	1.754%

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77	13.476	1899	1901	1905	rVB3	358365	489241	11.03%	0.655%
78	13.556	1910	1914	1917	rVV	837675	1393998	31.44%	1.867%
79	13.598	1917	1921	1931	rVB	1666838	3706415	83.60%	4.965%
80	13.696	1931	1937	1941	rBV4	517456	1085741	24.49%	1.454%
81	13.763	1944	1948	1952	rVB	677592	1047811	23.63%	1.404%
82	13.873	1957	1966	1970	rBV3	1418408	3713106	83.75%	4.974%
83	13.915	1970	1973	1979	rVV3	634630	1251884	28.24%	1.677%
84	13.976	1980	1983	1987	rVB3	494006	718138	16.20%	0.962%
85	14.190	2014	2018	2021	rBV2	457490	690499	15.57%	0.925%
86	14.257	2025	2029	2035	rVV4	783147	1401361	31.61%	1.877%
87	14.312	2035	2038	2042	rVB4	289616	411355	9.28%	0.551%
88	14.379	2043	2049	2054	rBV2	2071547	3629330	81.86%	4.862%
89	14.494	2063	2068	2070	rBV5	745812	1268555	28.61%	1.699%
90	14.543	2073	2076	2081	rVB3	931274	1446274	32.62%	1.937%
91	14.653	2091	2094	2097	rVB	320231	376176	8.48%	0.504%
92	14.738	2103	2108	2113	rBV5	495081	1217175	27.45%	1.631%
93	14.793	2113	2117	2121	rVV2	1065980	2104655	47.47%	2.819%
94	14.842	2121	2125	2132	rVB5	1087099	2283242	51.50%	3.059%
95	15.318	2199	2203	2210	rVB	2695090	4433730	100.00%	5.940%
96	15.397	2210	2216	2220	rBV5	574079	1381145	31.15%	1.850%
97	15.567	2240	2244	2249	rBV6	384224	771081	17.39%	1.033%
98	15.622	2250	2253	2255	rBV2	283008	374191	8.44%	0.501%
99	15.726	2266	2270	2277	rVB7	685521	1367752	30.85%	1.832%
100	16.275	2356	2360	2368	rVB	1191517	2312707	52.16%	3.098%

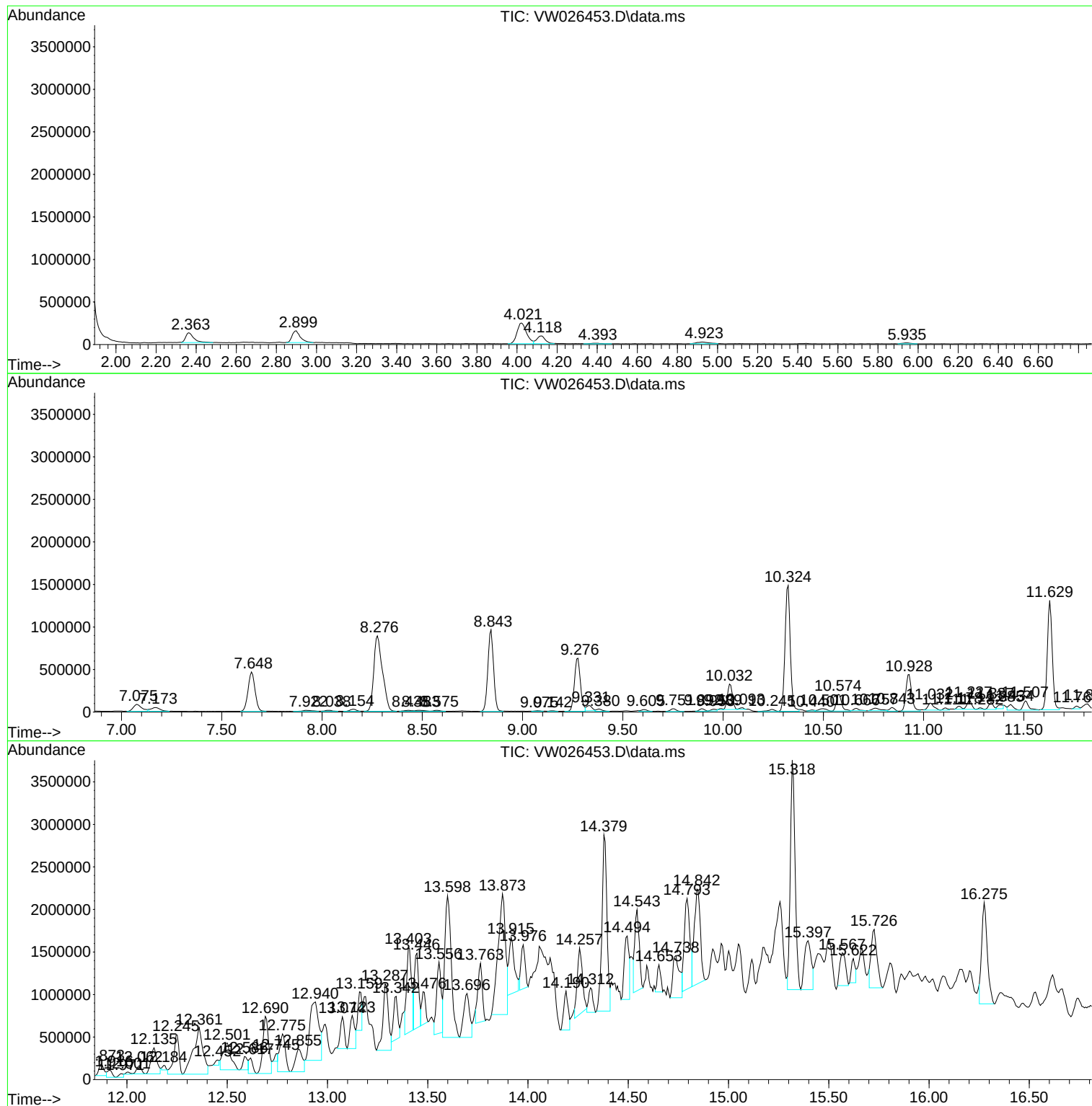
Sum of corrected areas: 74647395

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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



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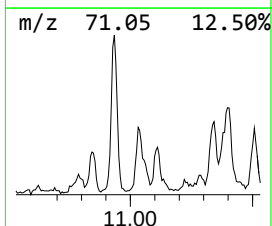
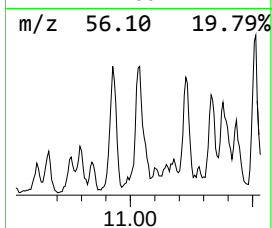
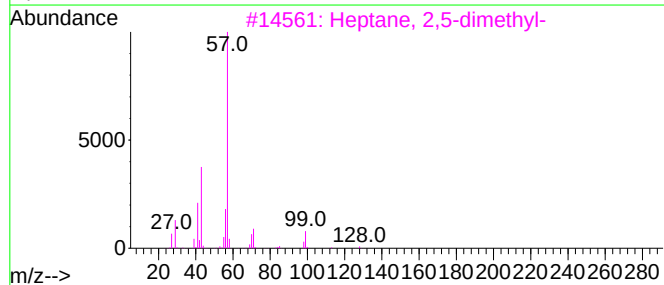
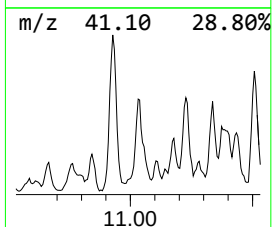
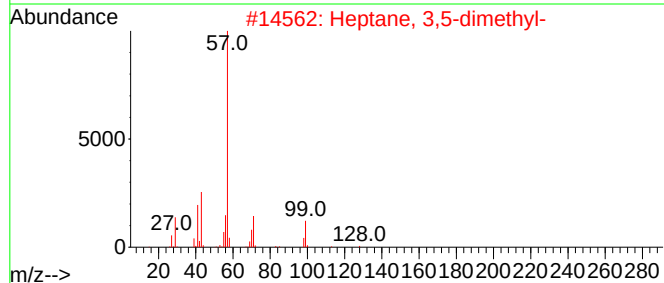
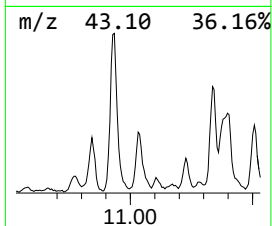
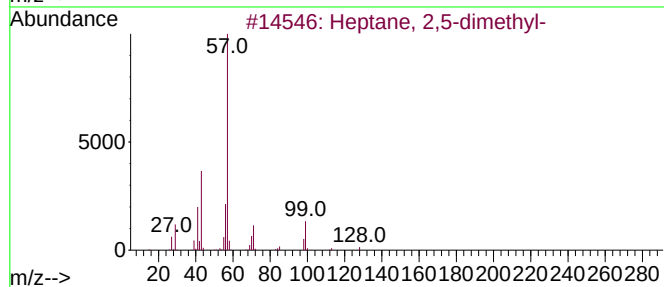
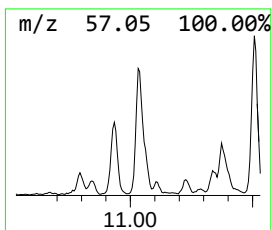
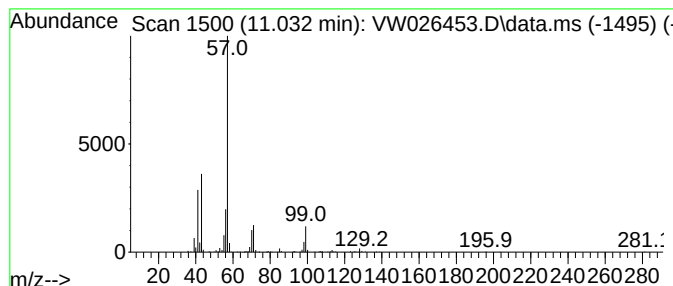
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	1.93 ug/L	169407	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	86
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81



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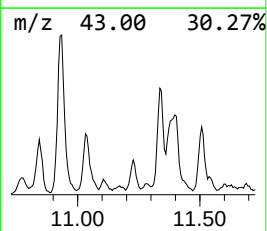
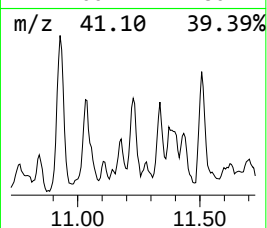
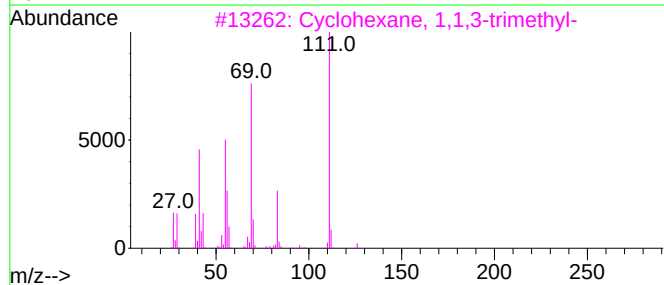
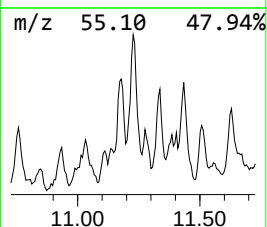
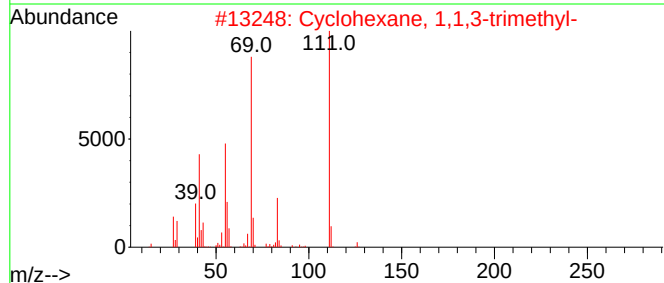
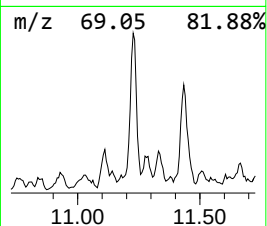
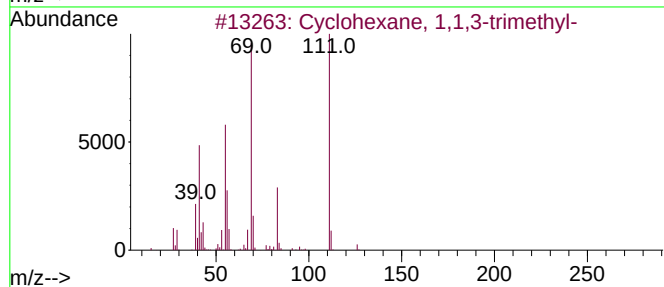
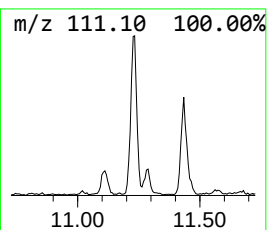
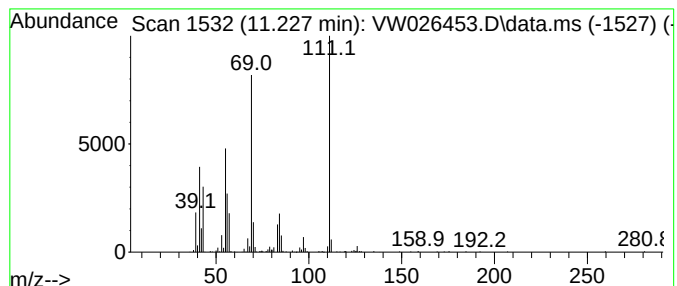
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.227 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	1.97 ug/L	173076	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	78



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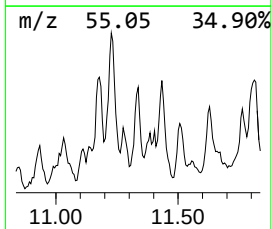
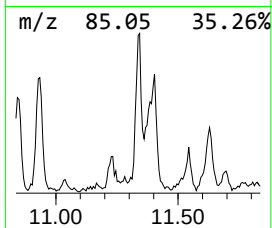
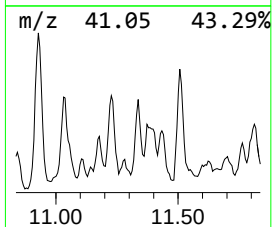
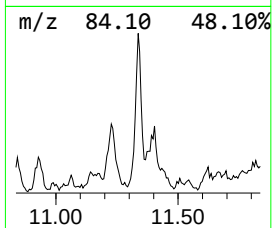
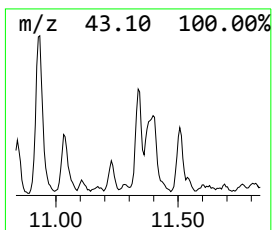
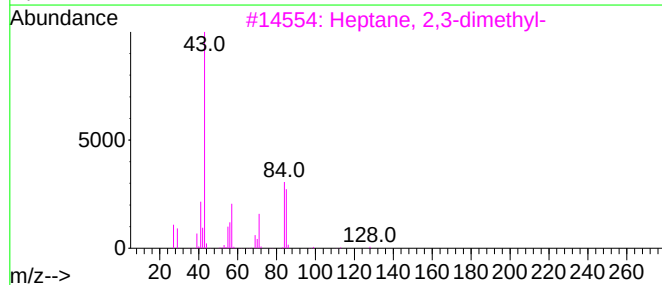
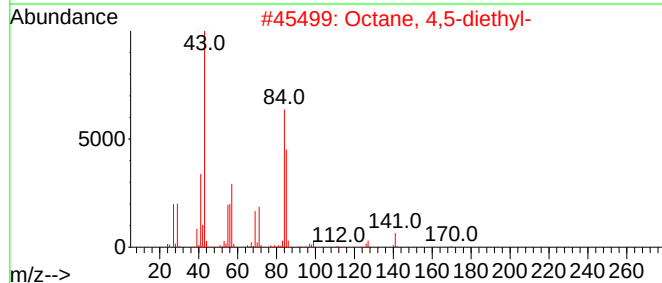
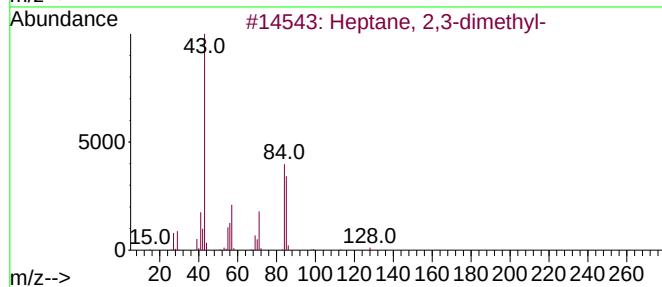
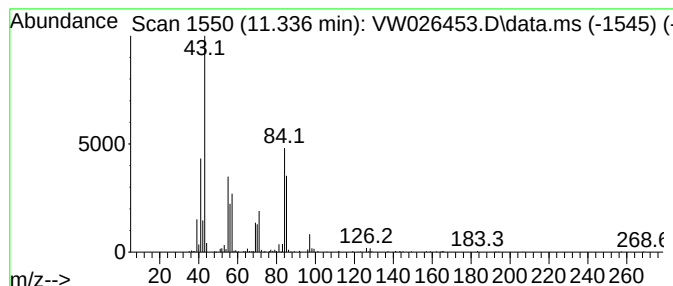
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.336	1.58 ug/L	139075	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	80
2	Octane, 4,5-diethyl-		170	C12H26	001636-41-5	72
3	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	58
4	Octane, 4,5-diethyl-		170	C12H26	001636-41-5	56
5	Hexane, 3-ethyl-		114	C8H18	000619-99-8	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

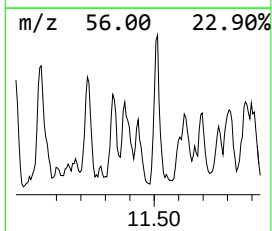
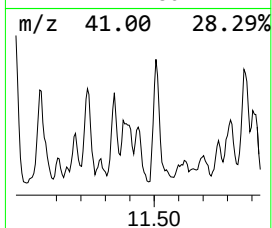
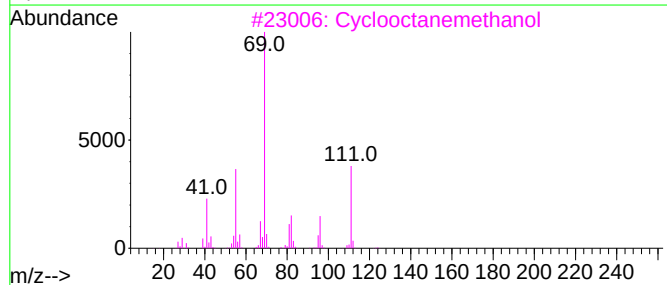
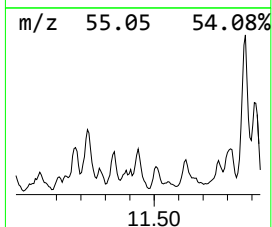
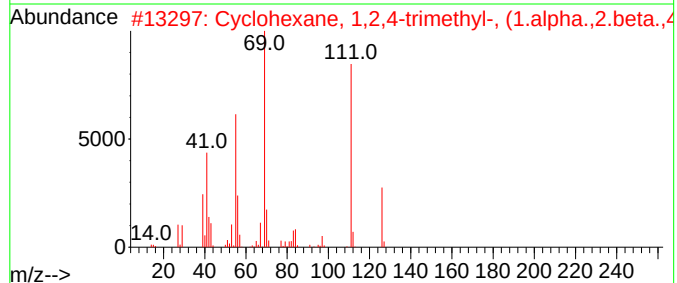
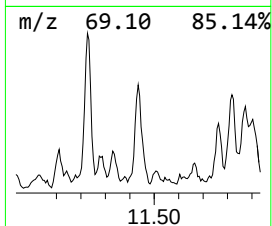
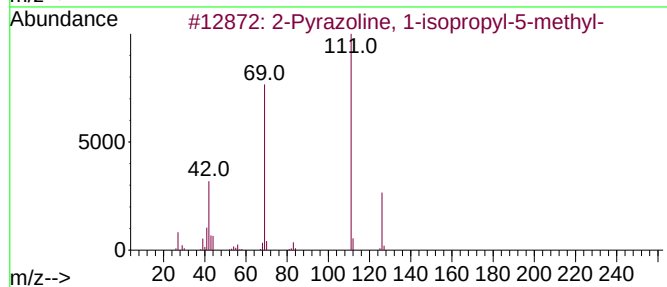
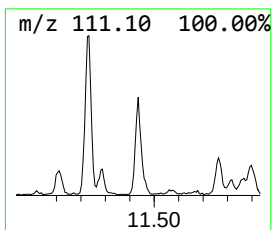
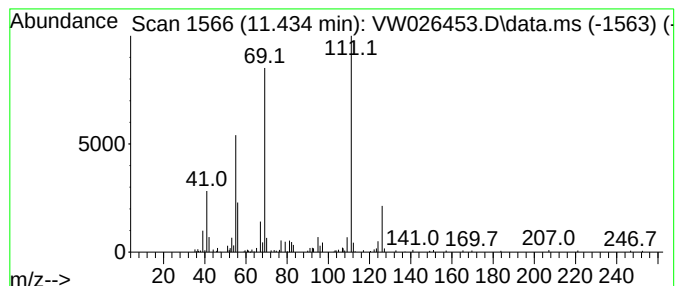
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Quant Title : SFAM01.0

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

Peak Number 5 2-Pyrazoline, 1-isopropyl-5... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	1.30 ug/L	113746	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	72
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	58
3			Cyclooctanemethanol	142	C9H18O	003637-63-6	53
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	52
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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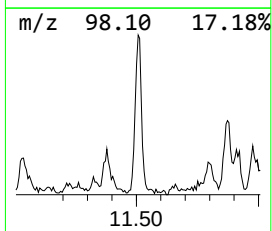
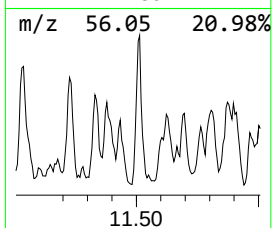
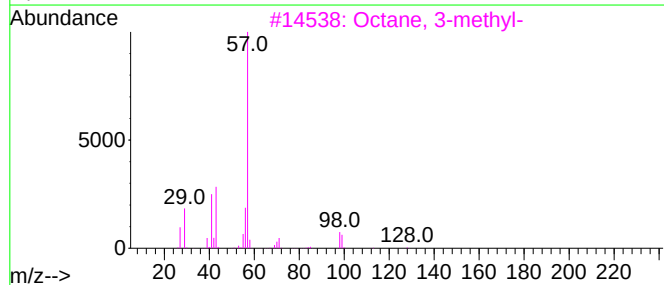
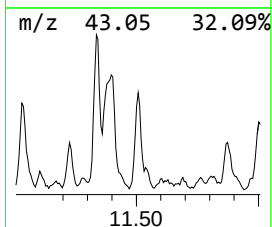
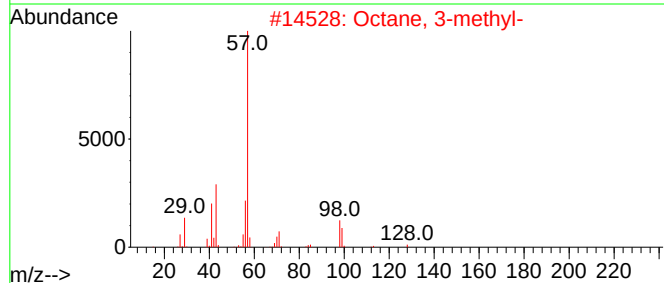
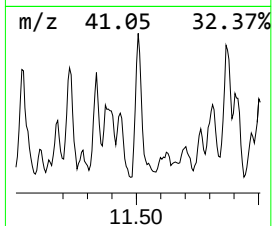
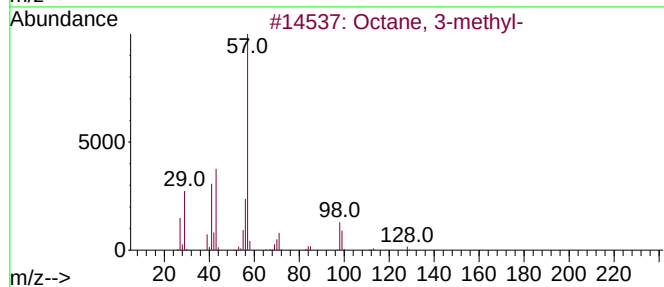
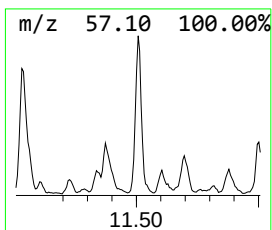
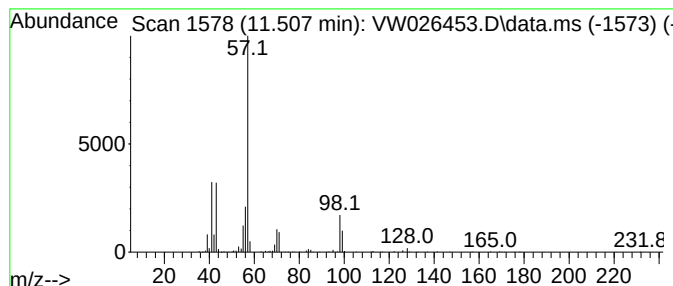
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	2.31 ug/L	202960	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	90
2		Octane, 3-methyl-	128	C9H20	002216-33-3	80
3		Octane, 3-methyl-	128	C9H20	002216-33-3	72
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	68
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW062923.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

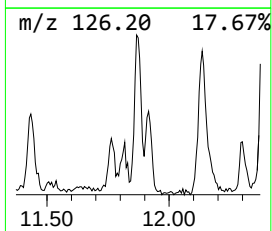
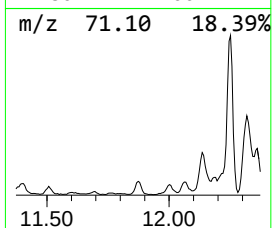
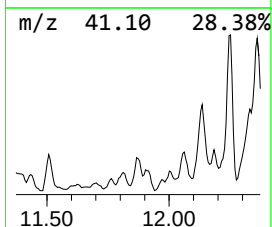
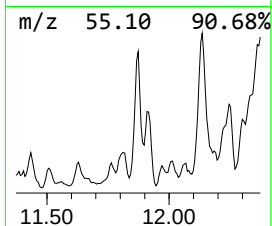
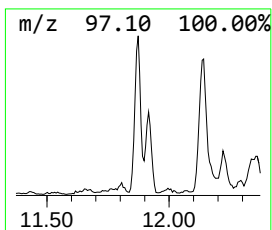
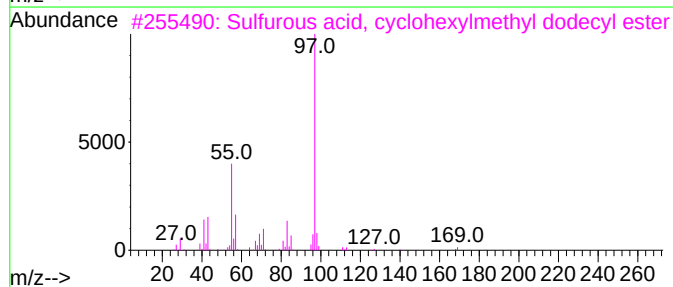
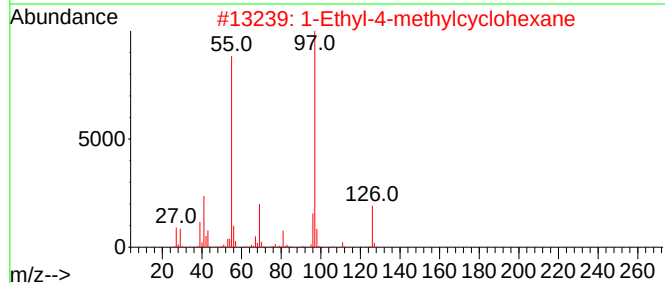
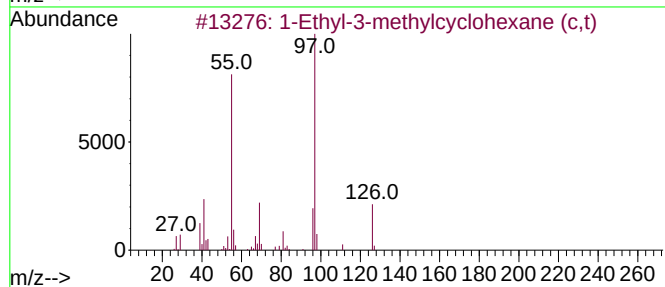
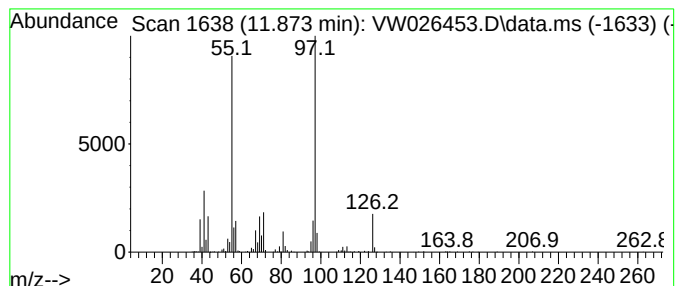
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic11.873 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	2.75 ug/L	241418	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	93
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
3			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	90
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	87
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

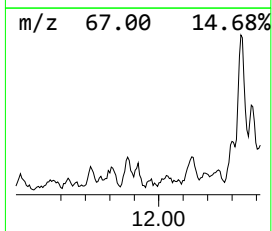
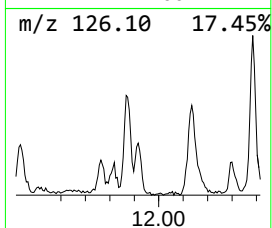
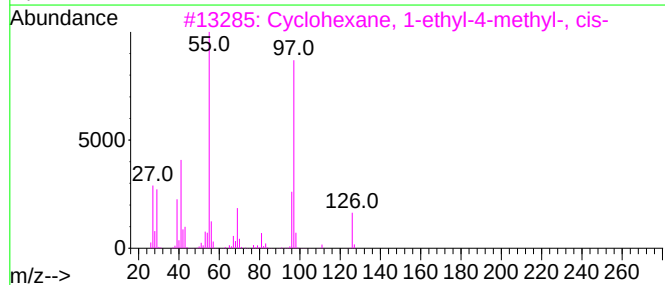
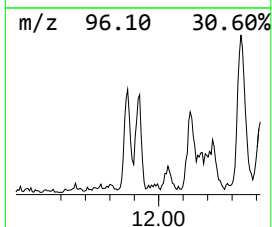
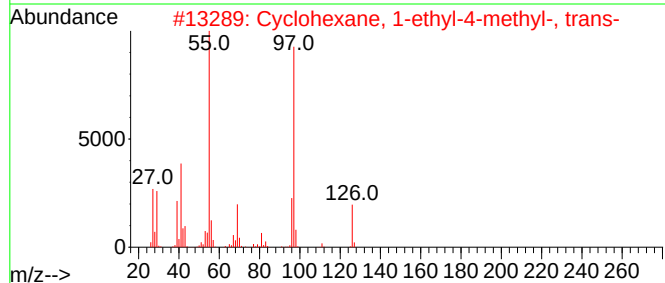
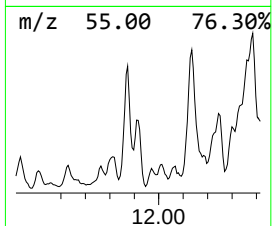
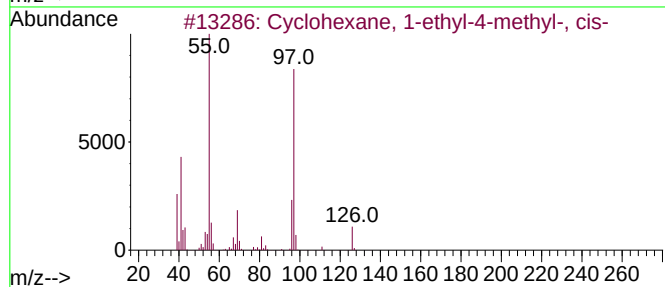
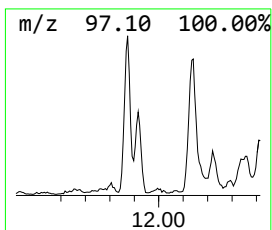
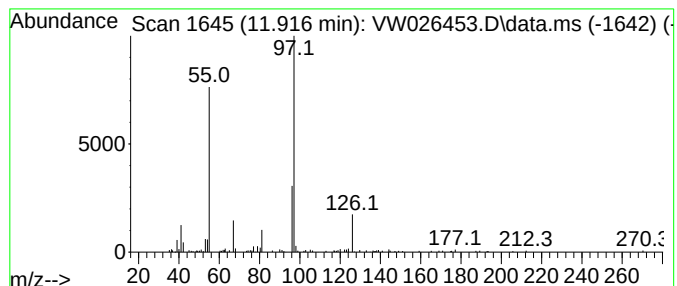
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.916 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	1.47 ug/L	129165	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

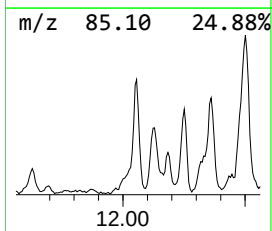
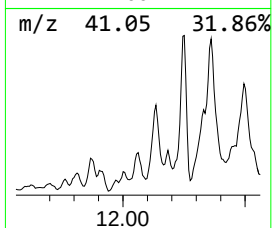
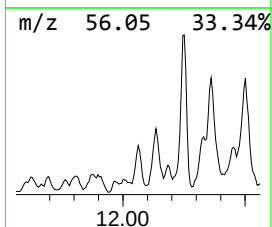
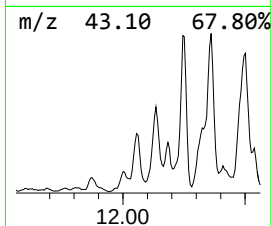
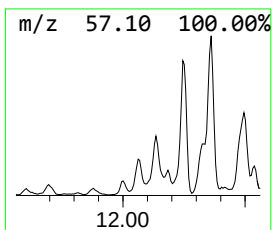
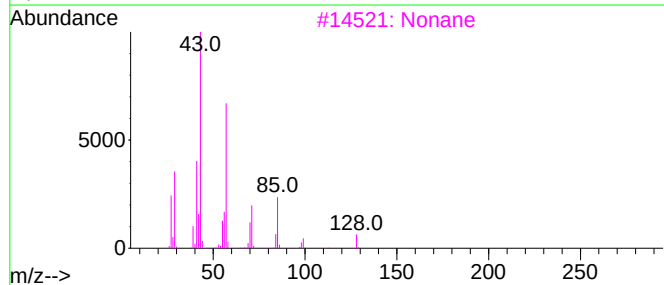
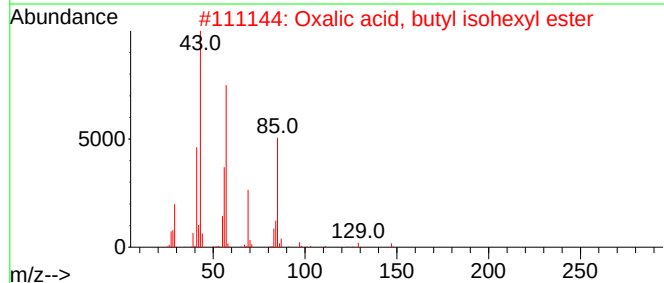
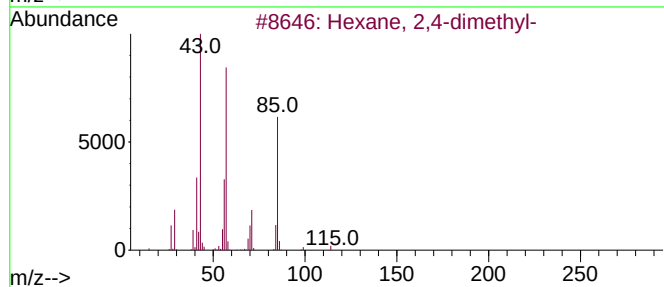
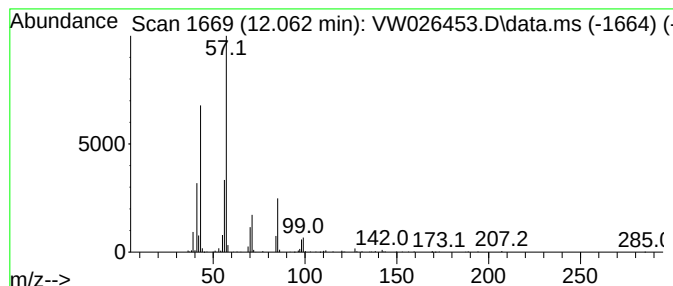
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.062	1.77 ug/L	155614	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
2	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	53
3	Nonane	128	C9H20	000111-84-2	53
4	Ether, heptyl hexyl	200	C13H28O	007289-40-9	50
5	Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

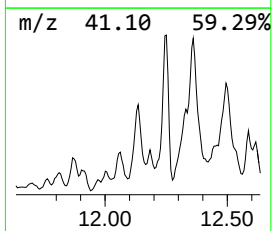
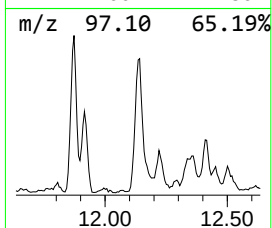
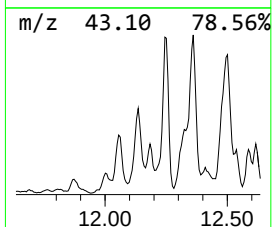
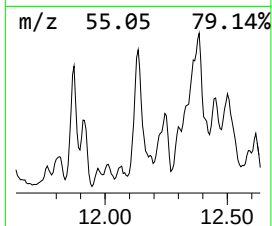
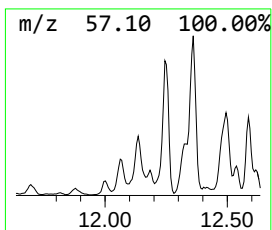
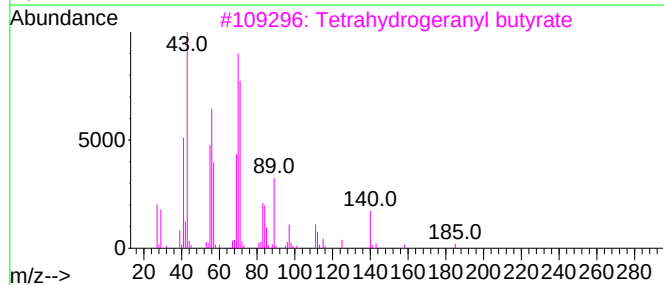
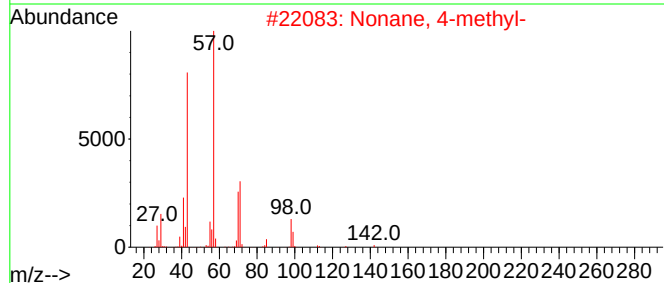
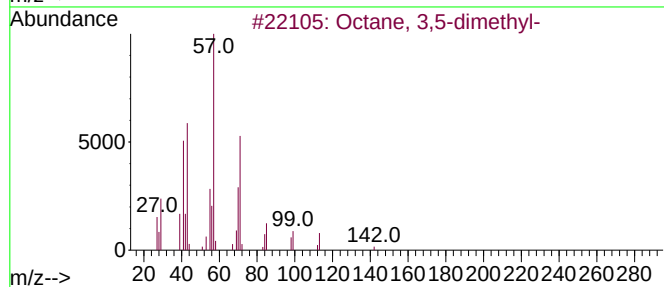
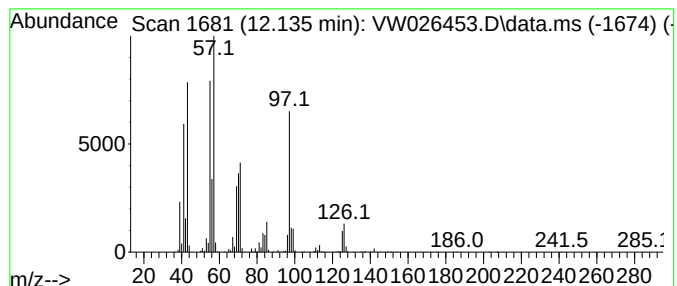
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.135	7.29 ug/L	640311	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	49
2	Nonane, 4-methyl-		142	C10H22	017301-94-9	38
3	Tetrahydrogeranyl butyrate		228	C14H28O2	1000428-75-4	35
4	Thiophene, 2-propyl-		126	C7H10S	001551-27-5	25
5	Cyclohexane, 1-ethyl-2-methyl-, ...		126	C9H18	004923-78-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

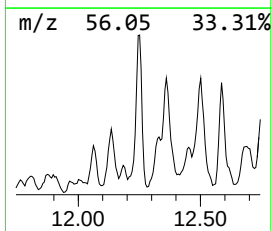
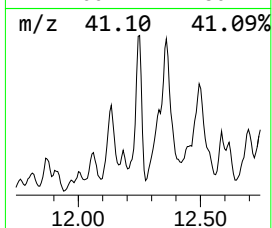
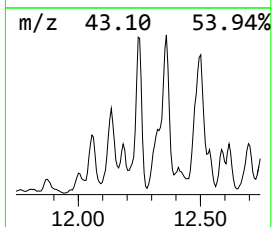
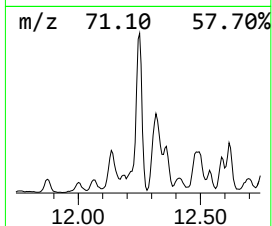
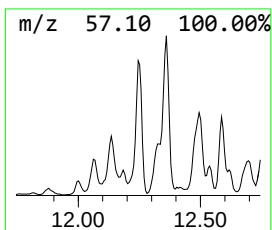
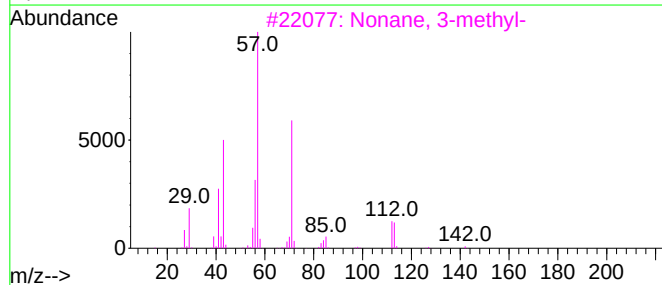
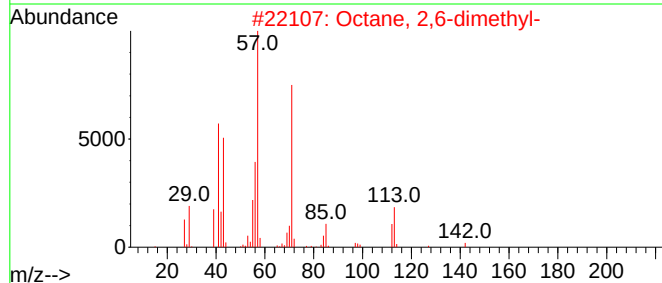
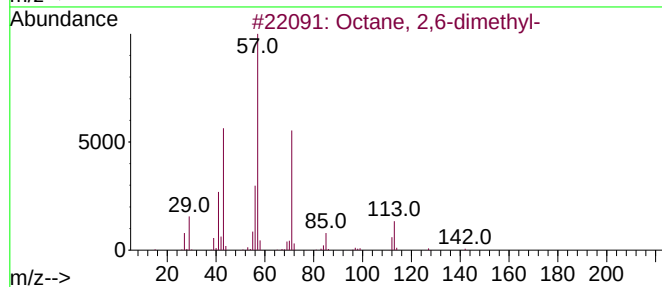
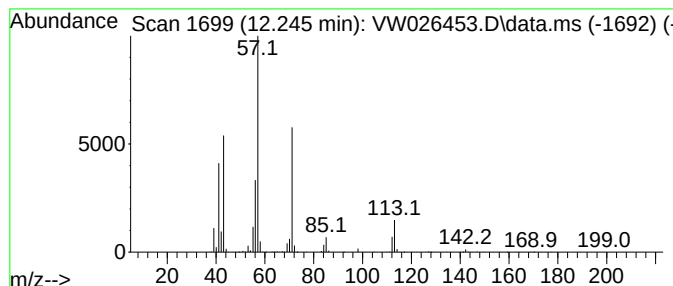
Instrument :
MSVOA_W
ClientSampleId :
A46N8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.245	9.75 ug/L	855678	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	93
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	93
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
4	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	87
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

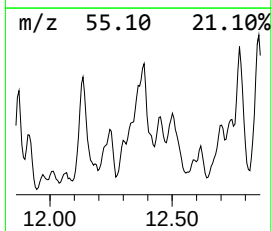
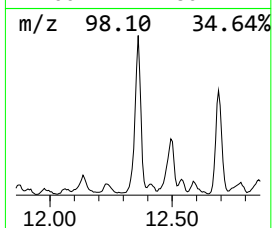
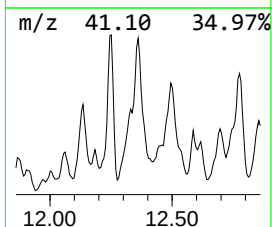
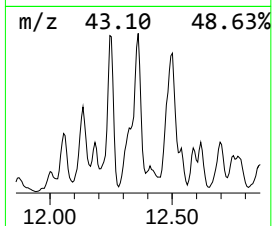
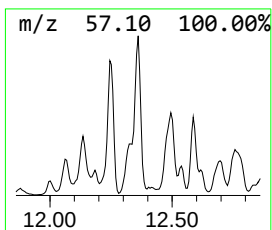
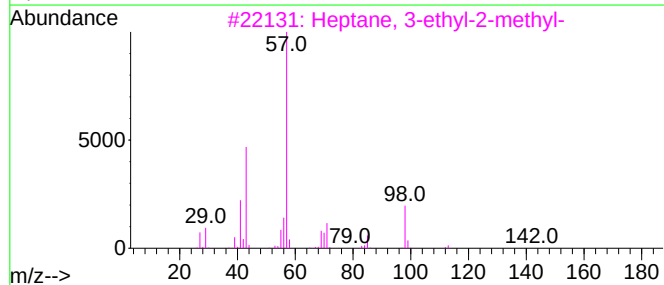
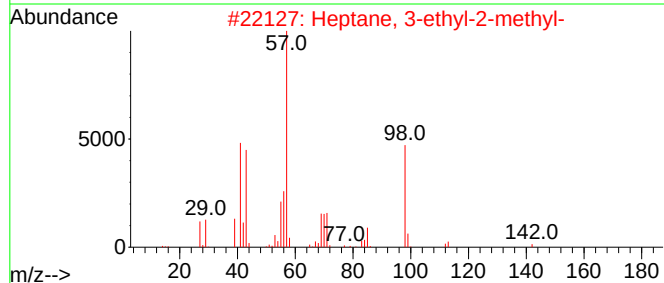
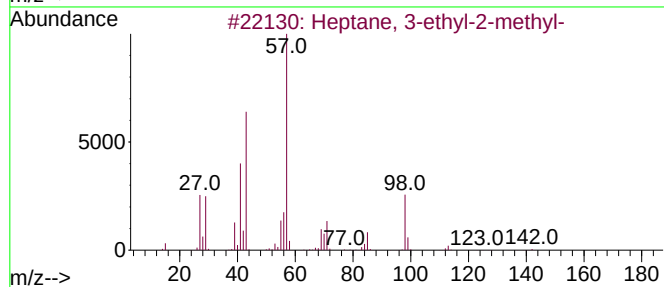
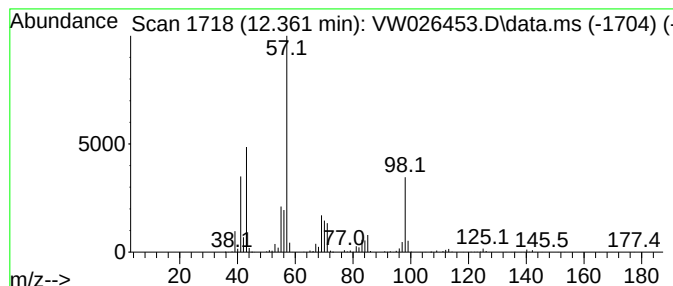
Instrument :
MSVOA_W
ClientSampleId :
A46N8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.361	21.02 ug/L	1845600	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
4	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	56
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

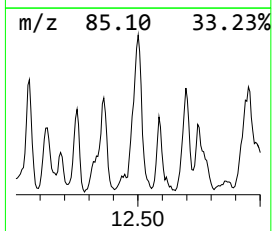
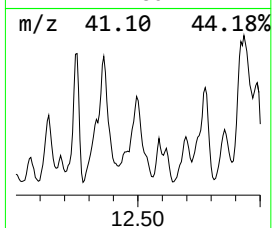
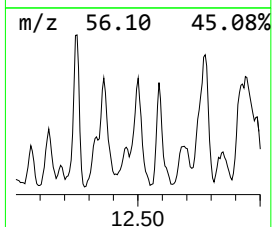
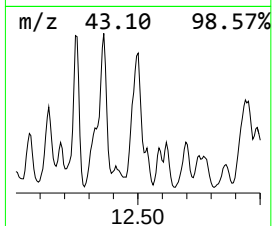
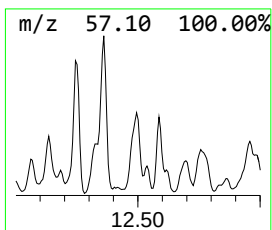
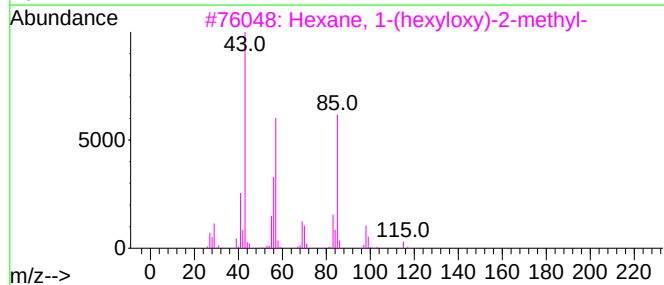
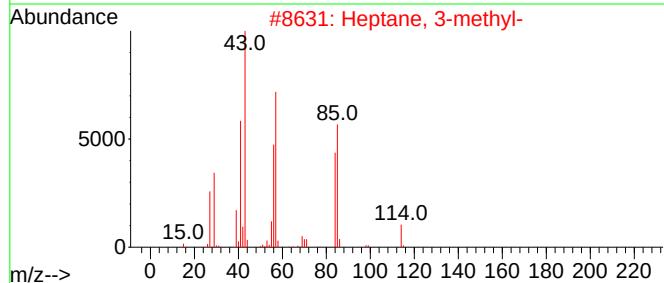
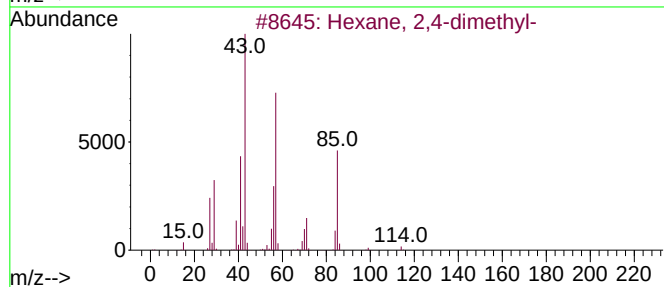
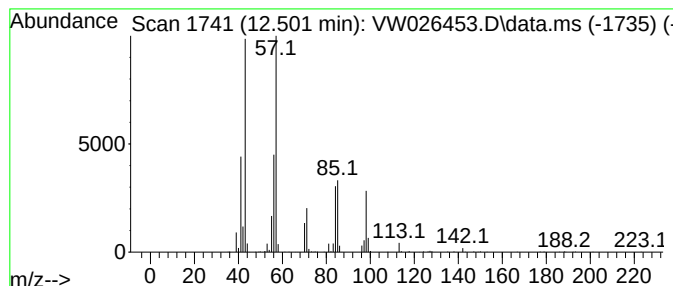
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.501	9.75 ug/L	855979	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	49
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	47
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	47
5	Nonane	128	C9H20	000111-84-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

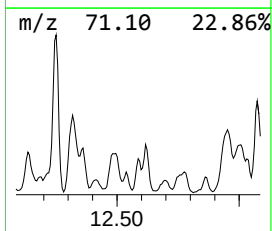
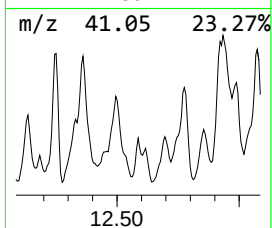
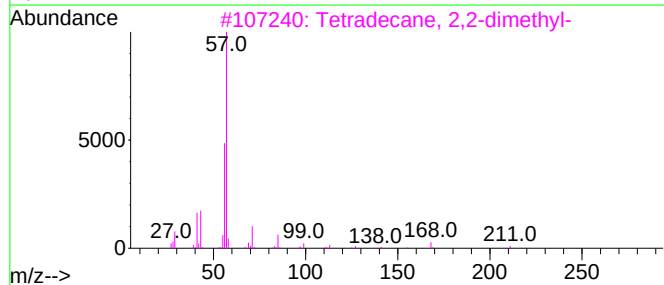
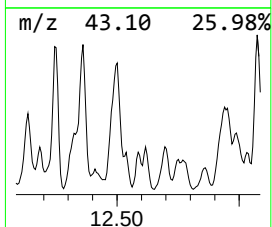
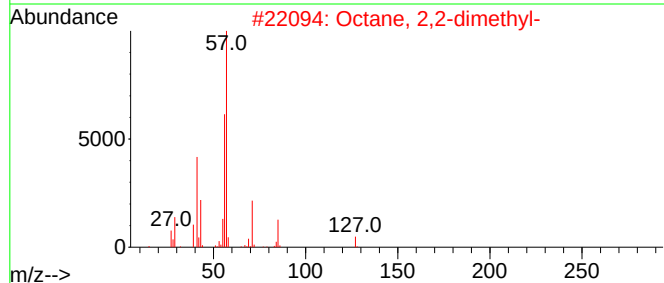
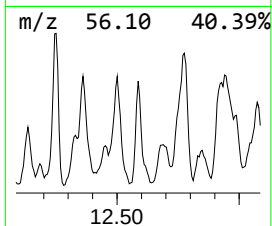
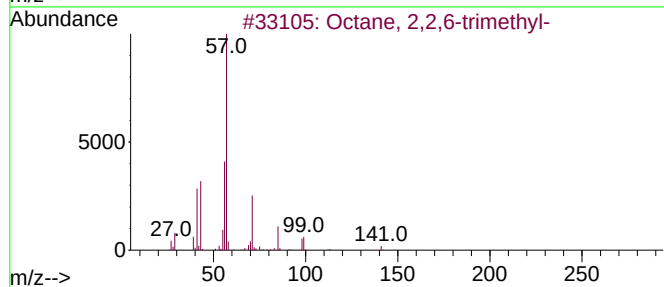
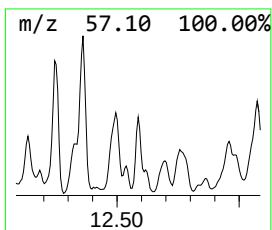
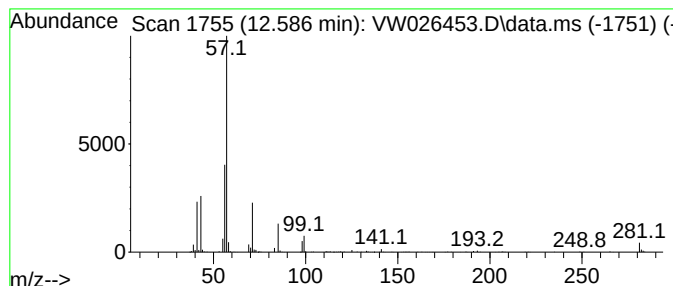
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.586	2.90 ug/L	254585	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	72
2	Octane, 2,2-dimethyl-		142	C10H22	015869-87-1	64
3	Tetradecane, 2,2-dimethyl-		226	C16H34	059222-86-5	59
4	Hexane, 2,2,5,5-tetramethyl-		142	C10H22	001071-81-4	53
5	Pentane, 2,2,3,4-tetramethyl-		128	C9H20	001186-53-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

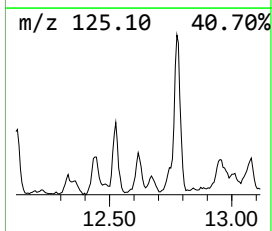
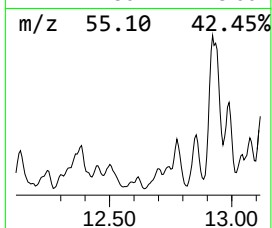
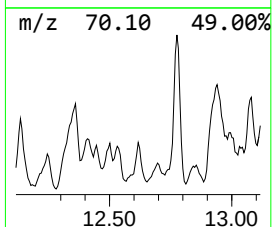
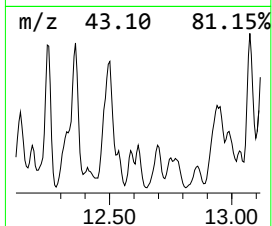
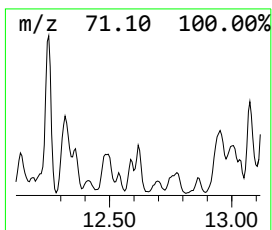
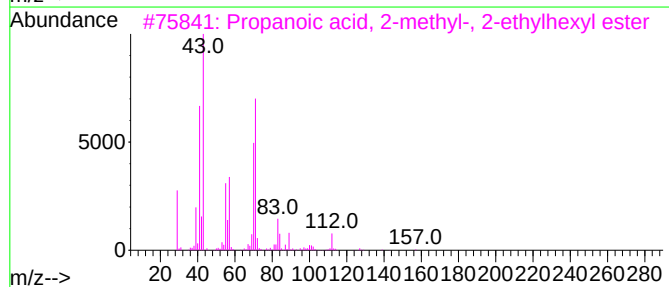
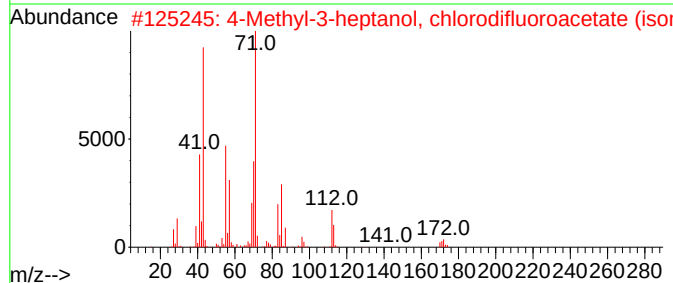
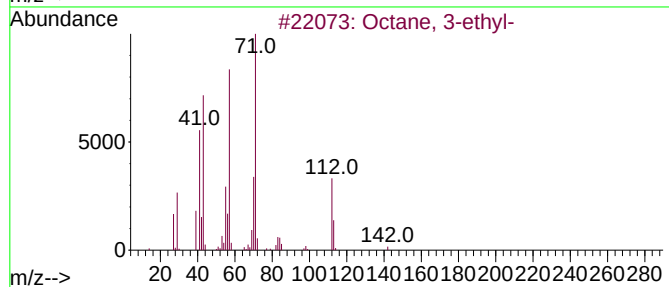
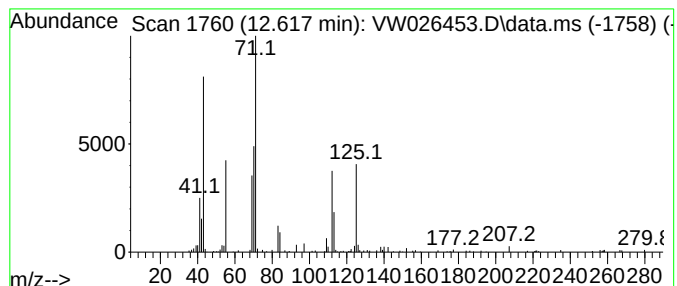
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.617	4.06 ug/L	226275	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-ethyl-	142	C10H22	005881-17-4	64
2			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-4	53
3			Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	40
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	37
5			4-Methyl-3-heptanol, heptafluoro...	326	C12H17F7O2	1000365-51-5	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

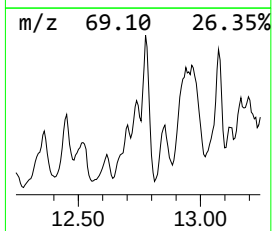
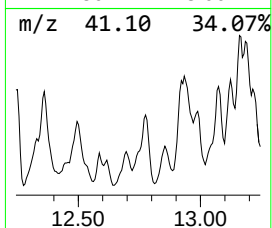
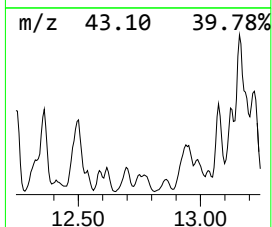
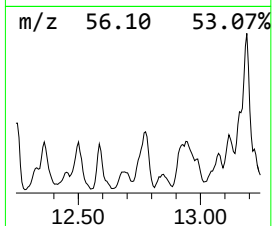
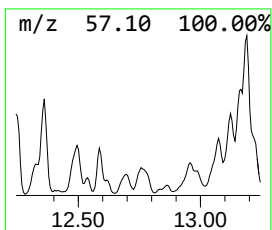
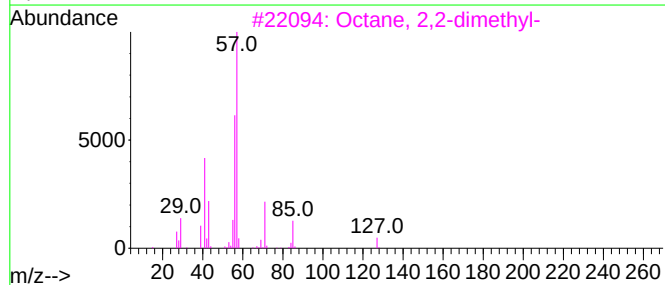
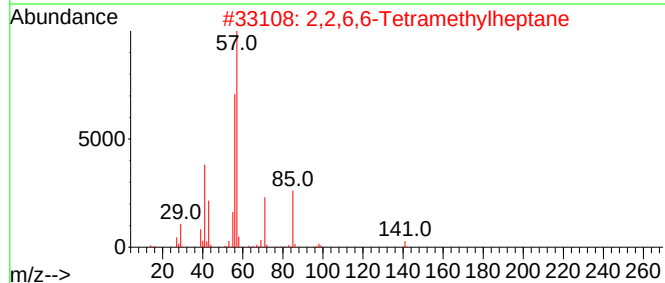
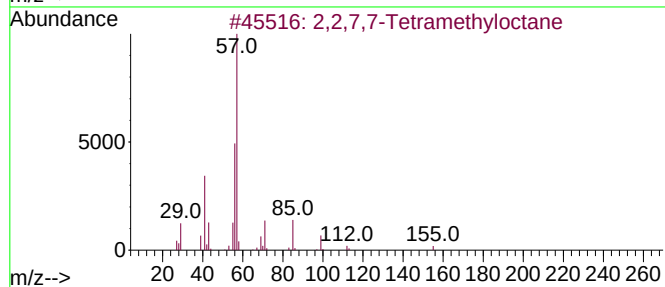
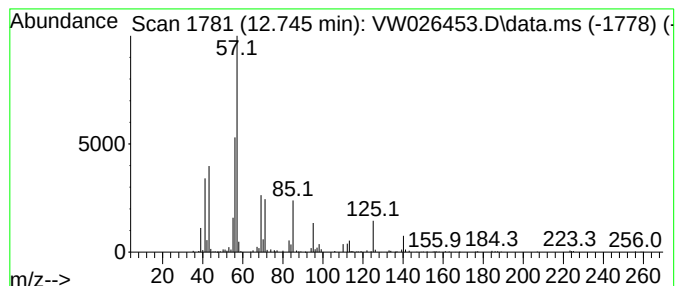
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.745	1.76 ug/L	97923	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane		170	C12H26	001071-31-4	59
2	2,2,6,6-Tetramethylheptane		156	C11H24	040117-45-1	53
3	Octane, 2,2-dimethyl-		142	C10H22	015869-87-1	50
4	Decanal		156	C10H20O	000112-31-2	47
5	Heptane, 2,2-dimethyl-		128	C9H20	001071-26-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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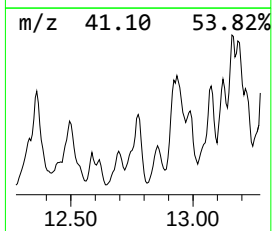
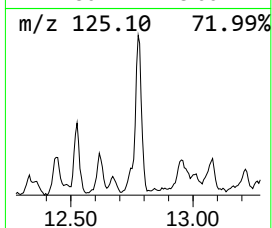
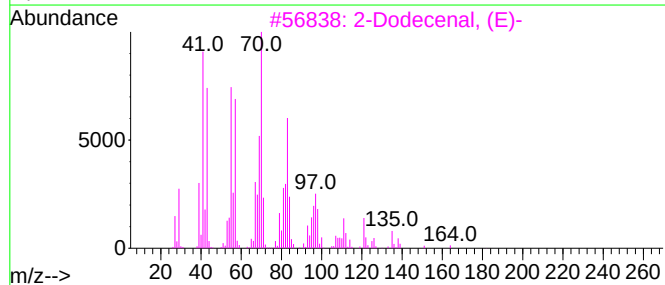
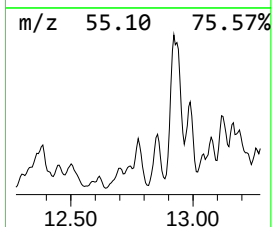
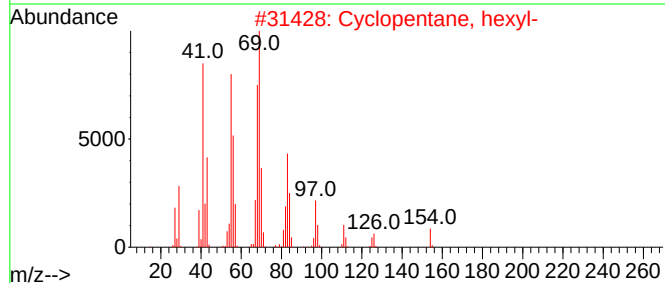
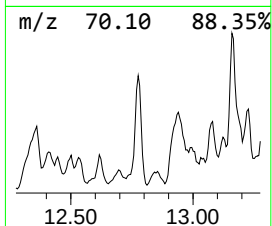
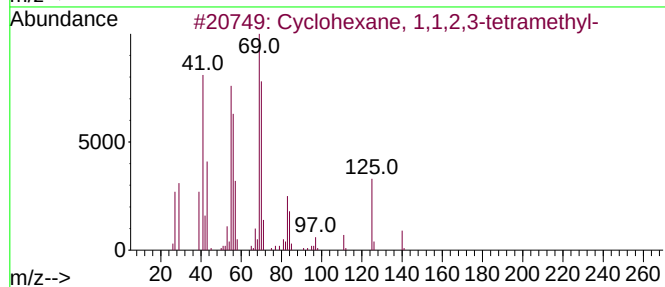
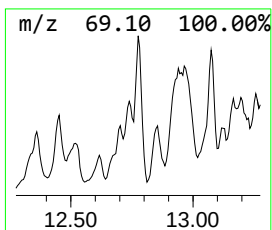
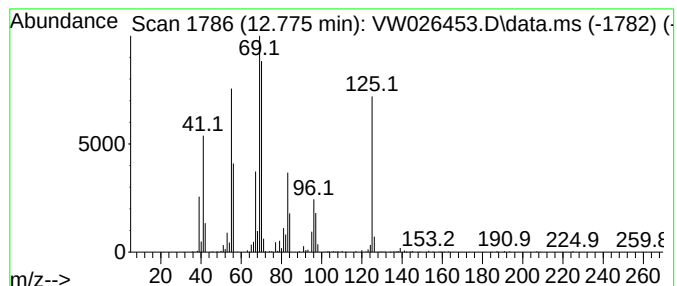
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic12.775 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	15.46 ug/L	862087	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	72
2			Cyclopentane, hexyl-	154	C11H22	004457-00-5	47
3			2-Dodecenal, (E)-	182	C12H22O	020407-84-5	47
4			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1000499-04-5	43
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

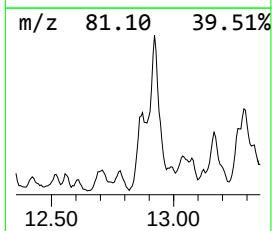
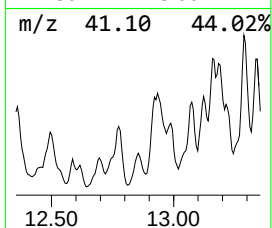
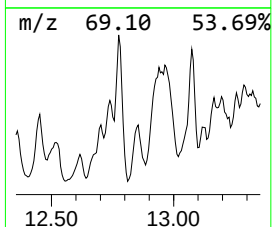
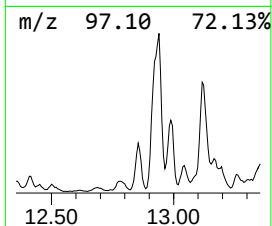
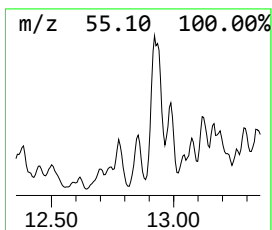
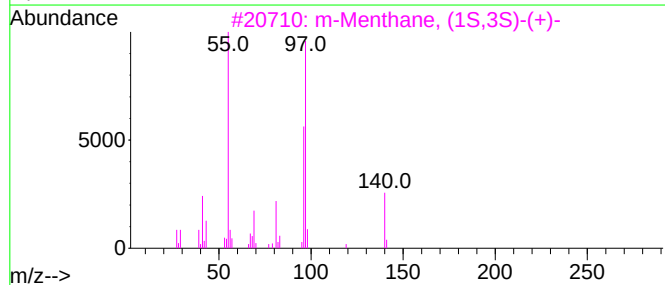
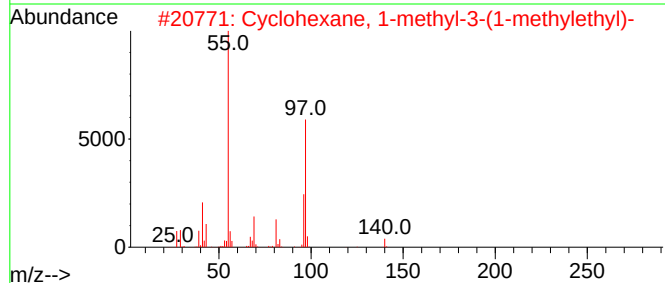
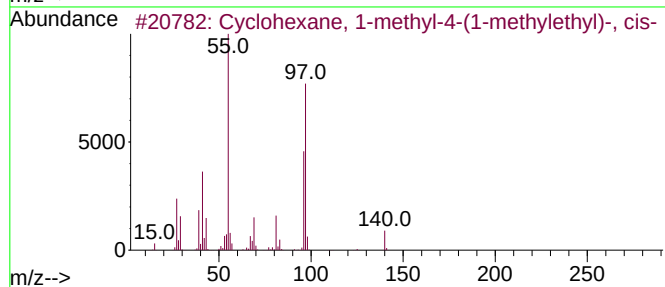
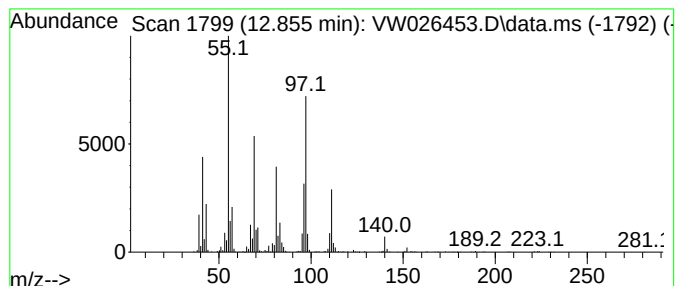
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic12.855 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	11.89 ug/L	662855	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
2			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	58
3			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	53
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	53
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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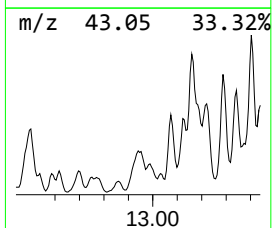
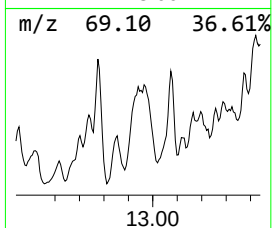
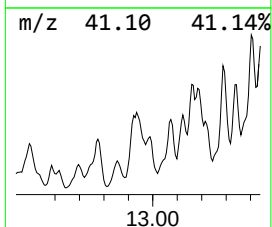
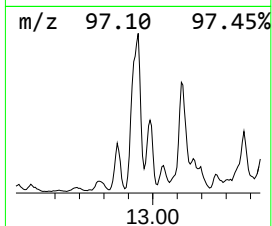
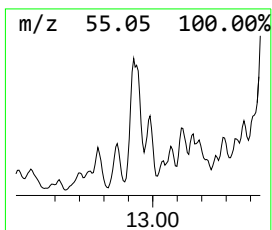
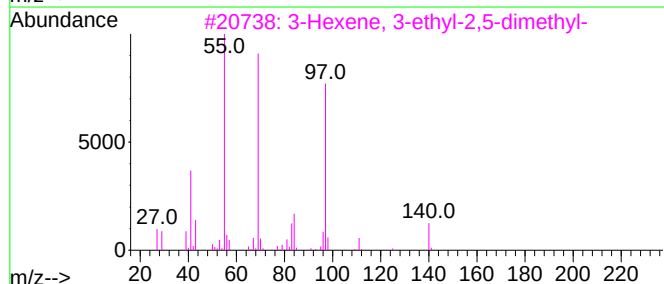
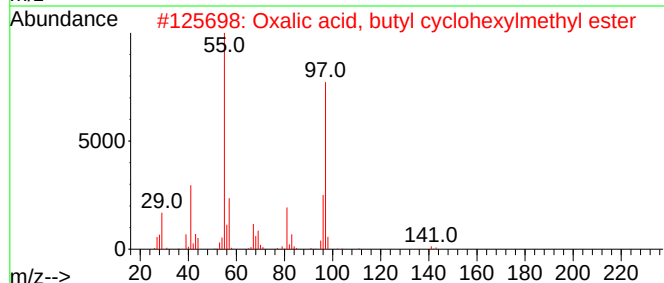
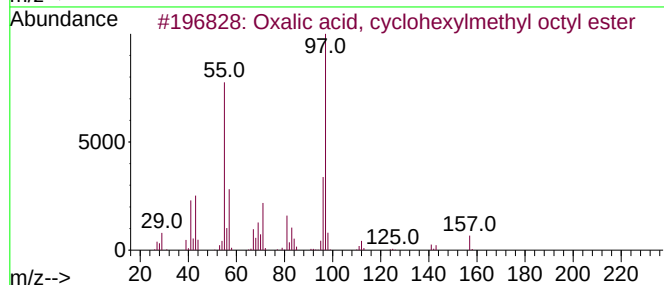
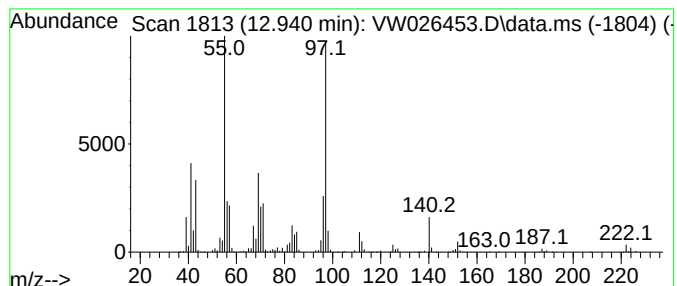
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Quant Title : SFAM01.0

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

Peak Number 19 Oxalic acid, cyclohexylmeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	39.52 ug/L	2203710	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	58
2			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	49
3			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	49
4			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	47
5			Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

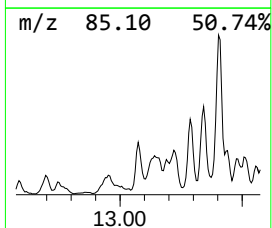
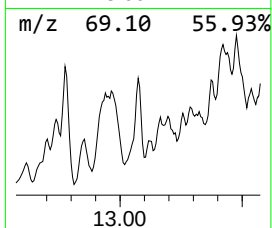
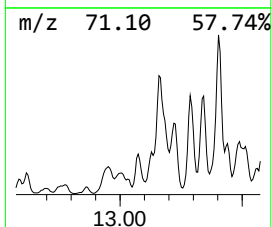
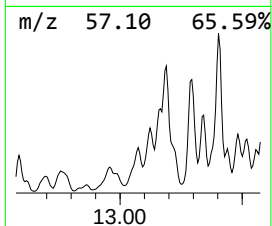
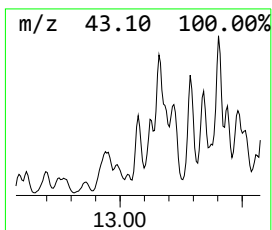
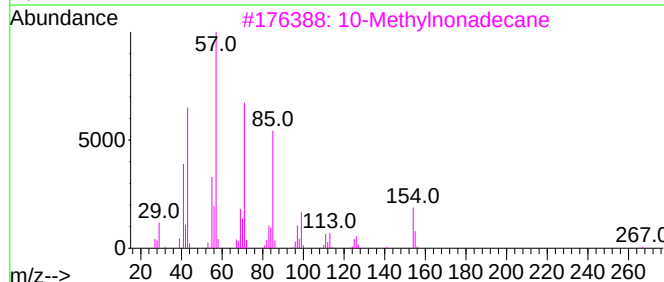
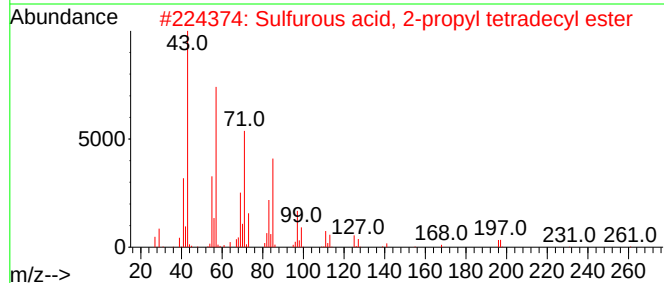
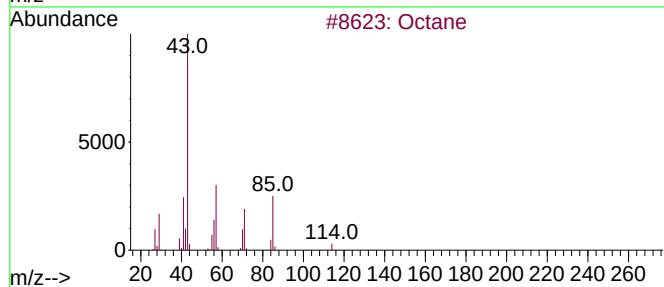
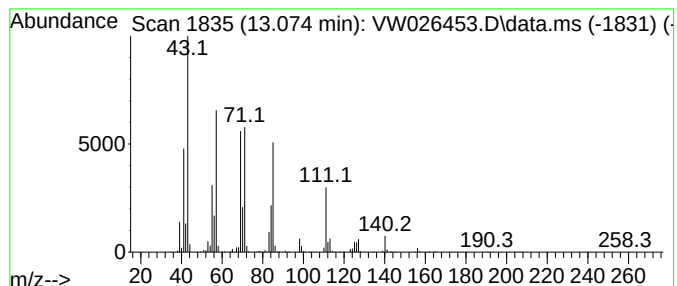
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	9.11 ug/L	507995	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane	114	C8H18	000111-65-9	58
2			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	50
3			10-Methylnonadecane	282	C20H42	056862-62-5	50
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	49
5			Nonadecane	268	C19H40	000629-92-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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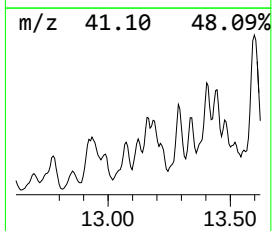
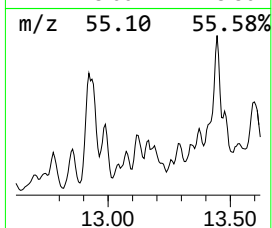
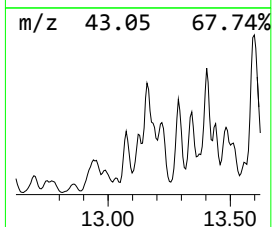
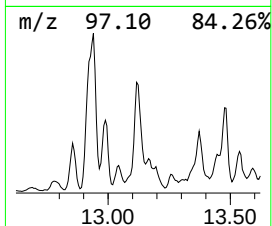
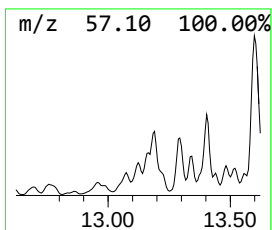
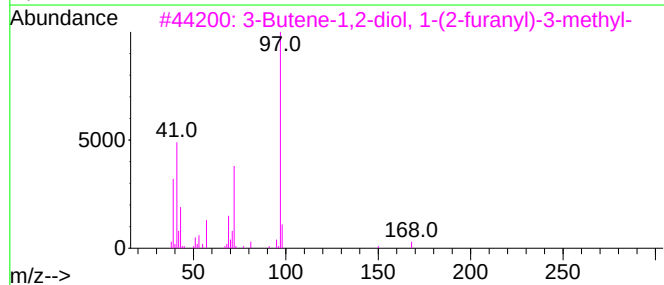
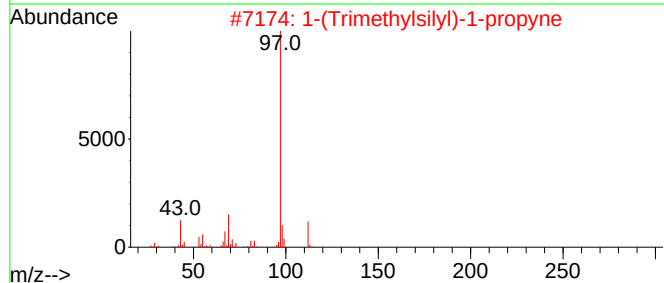
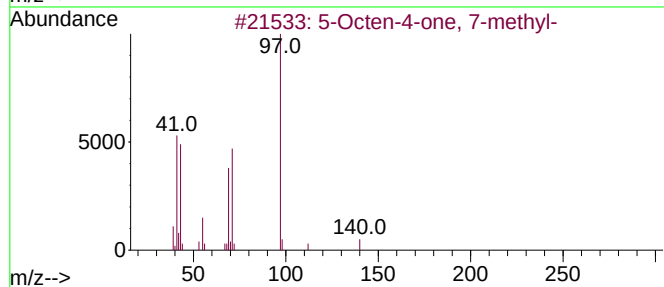
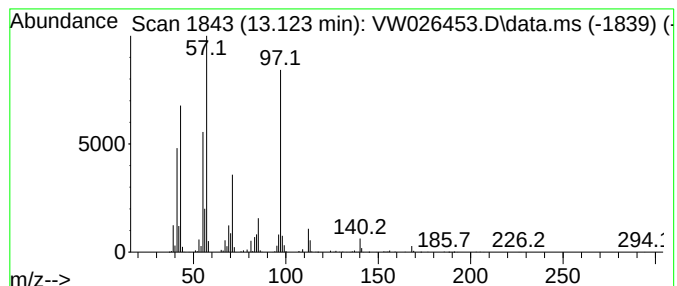
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	11.68 ug/L	651477	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	49
2			1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	46
3			3-Butene-1,2-diol, 1-(2-furanyl)...	168	C9H12O3	021141-71-9	43
4			4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	43
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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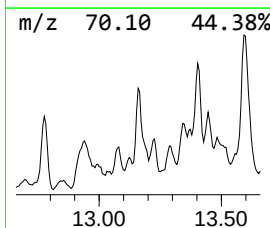
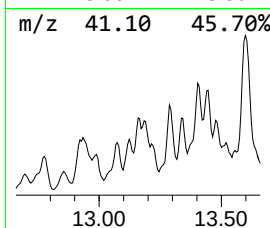
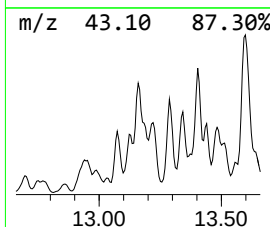
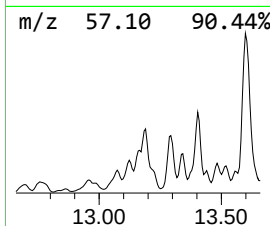
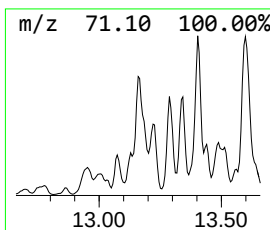
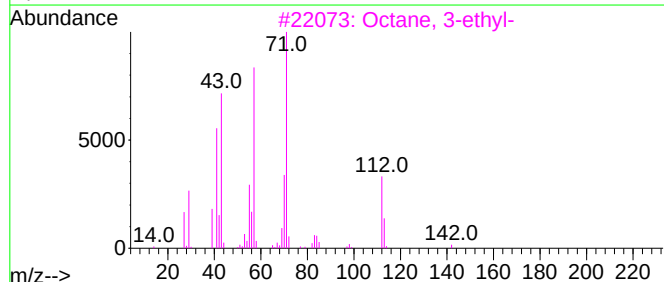
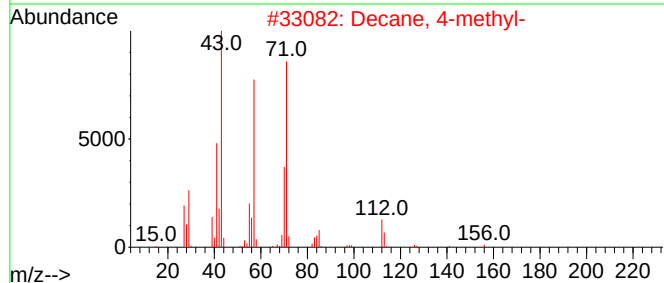
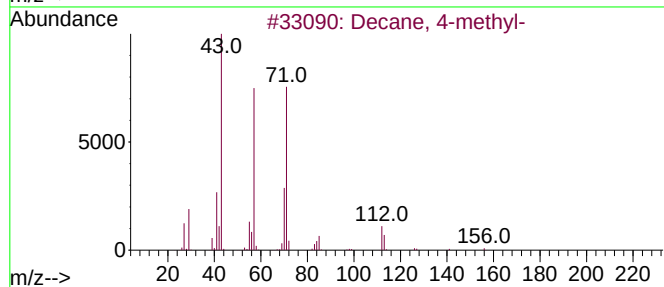
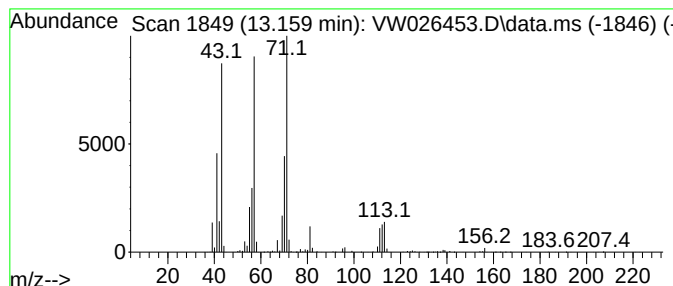
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.159	10.58 ug/L	589706	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-methyl-	156	C11H24	002847-72-5	80
2		Decane, 4-methyl-	156	C11H24	002847-72-5	72
3		Octane, 3-ethyl-	142	C10H22	005881-17-4	64
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
5		Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

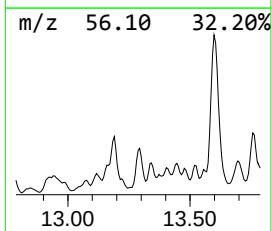
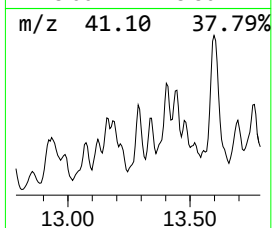
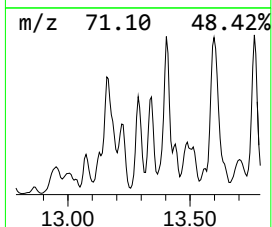
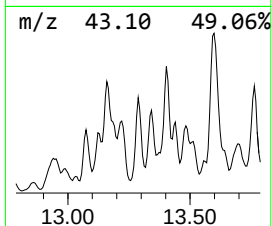
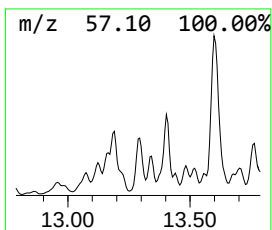
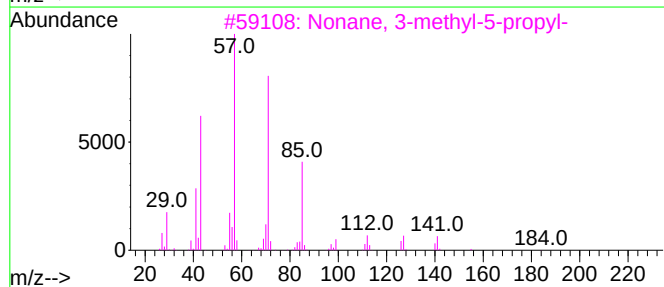
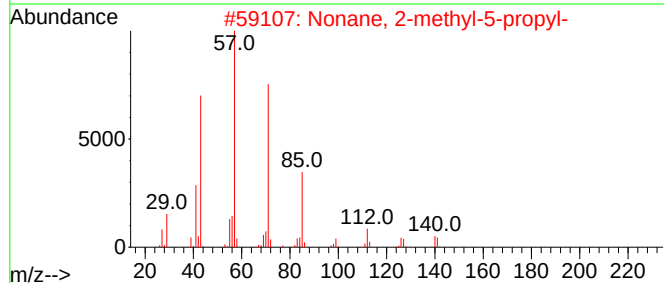
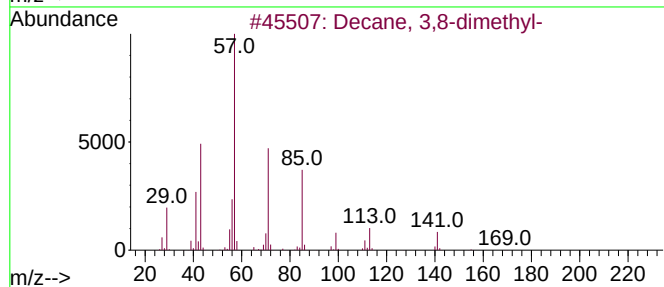
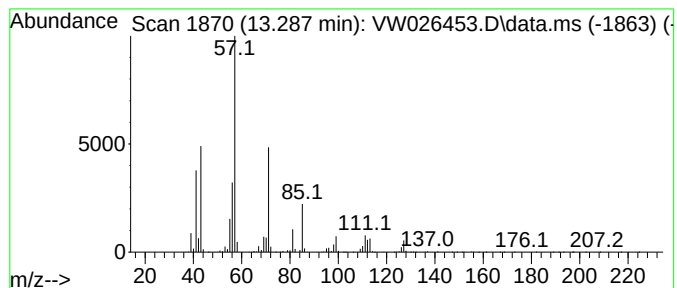
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	26.85 ug/L	1497240	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	59
2			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
4			Heptacosane	380	C27H56	000593-49-7	59
5			Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

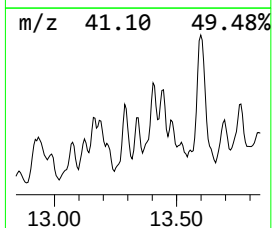
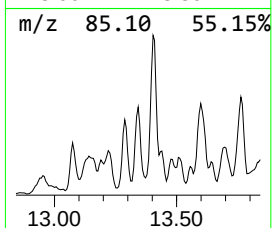
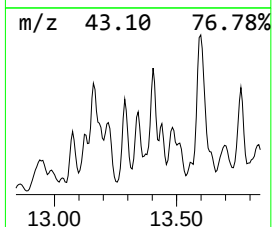
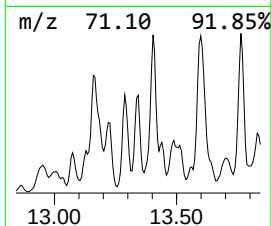
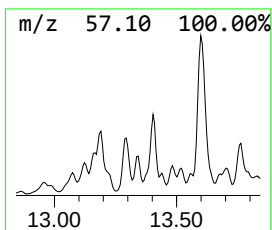
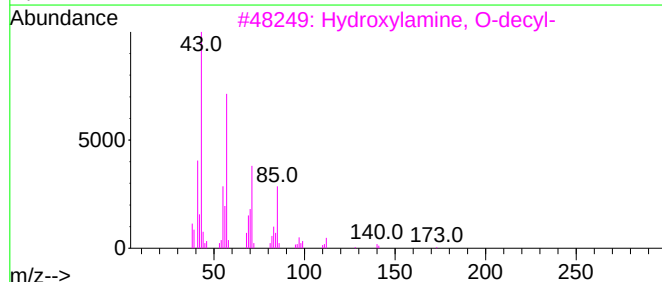
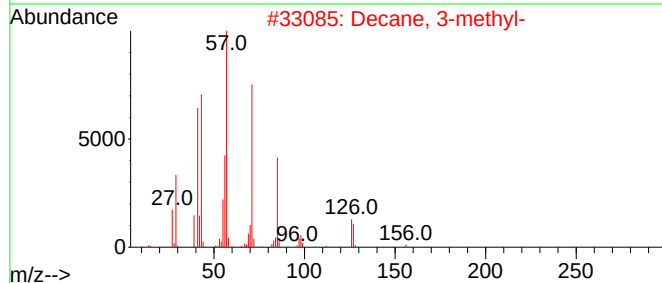
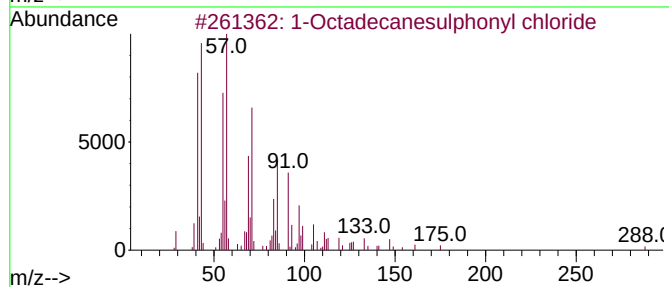
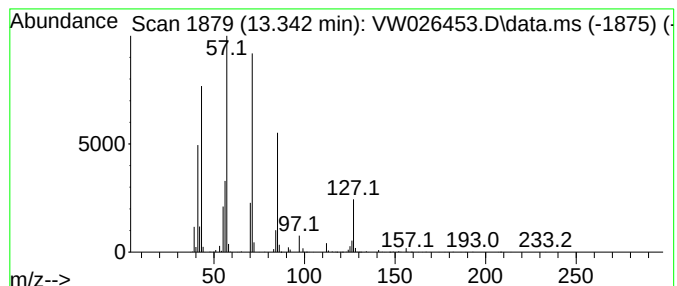
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Quant Title : SFAM01.0

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

Peak Number 24 1-Octadecanesulphonyl chloride Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	14.10 ug/L	785951	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	78
2		Decane, 3-methyl-	156	C11H24	013151-34-3	64
3		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	53
4		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

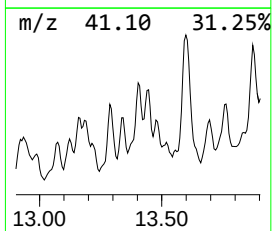
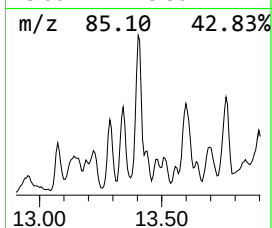
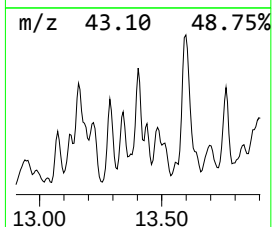
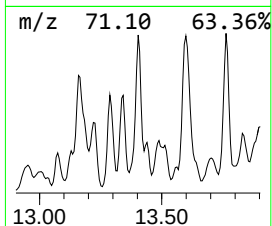
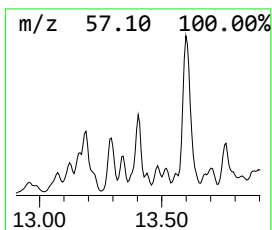
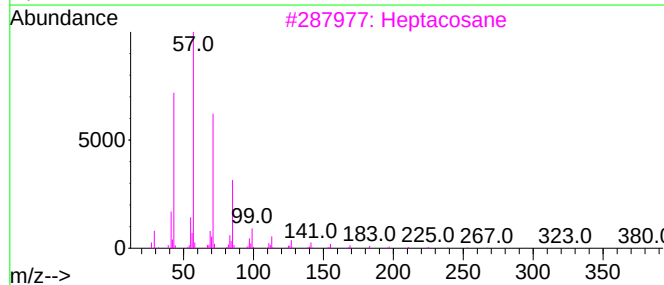
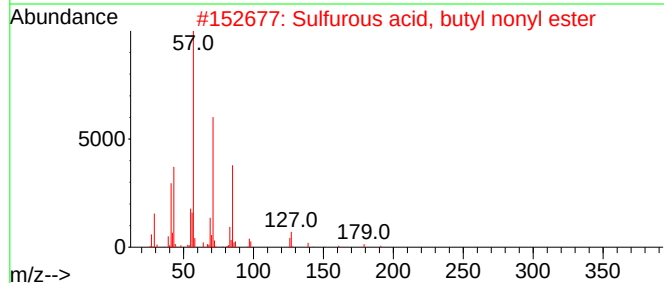
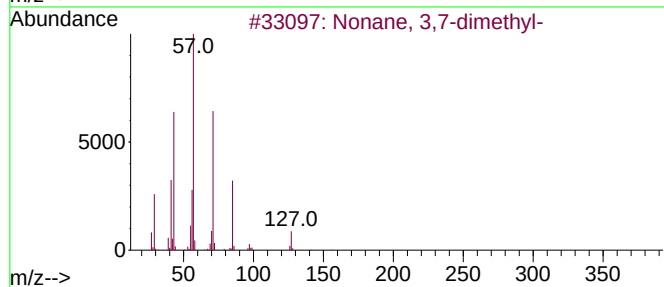
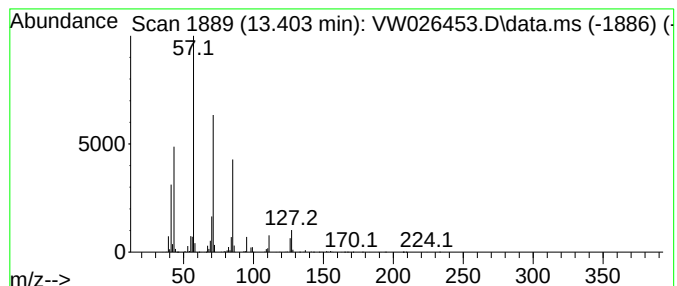
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MSVOA_W
ClientSampleId :
A46N8

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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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.403	31.97 ug/L	1782610	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	72
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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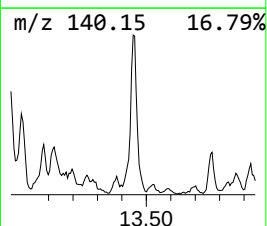
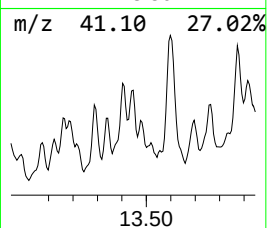
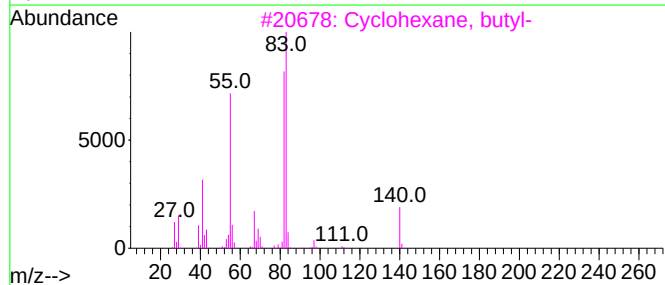
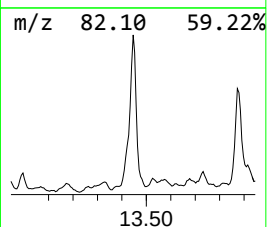
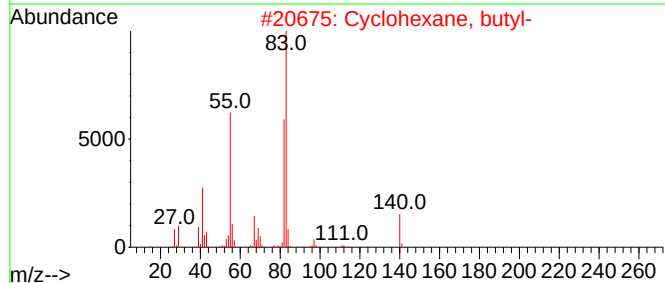
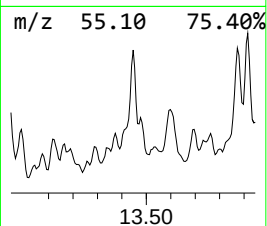
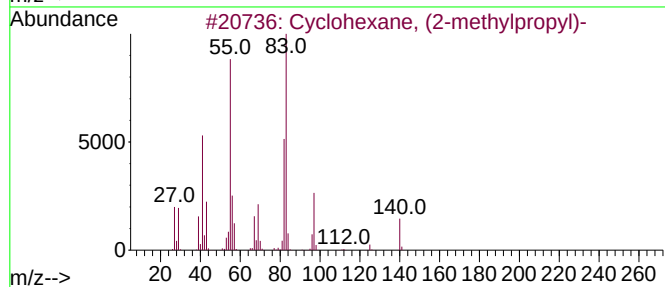
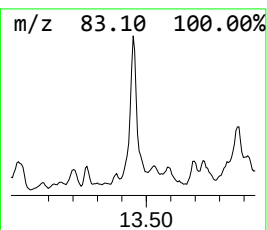
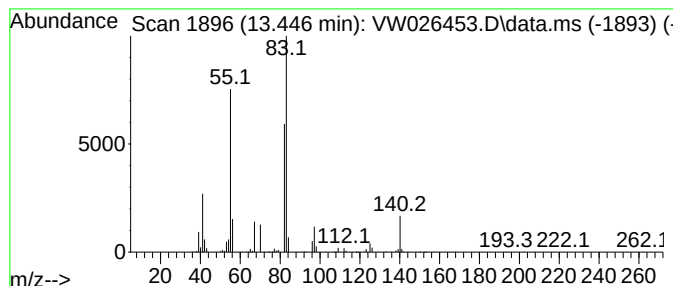
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Cyclic13.446 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	23.49 ug/L	1309630	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	81
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	74
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

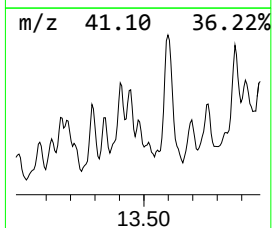
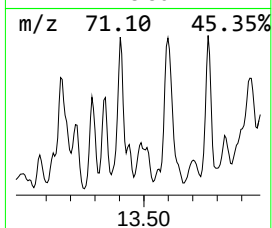
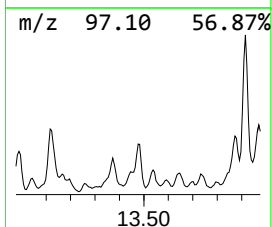
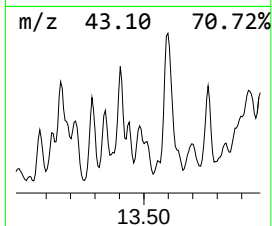
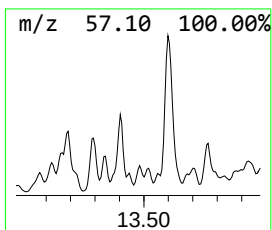
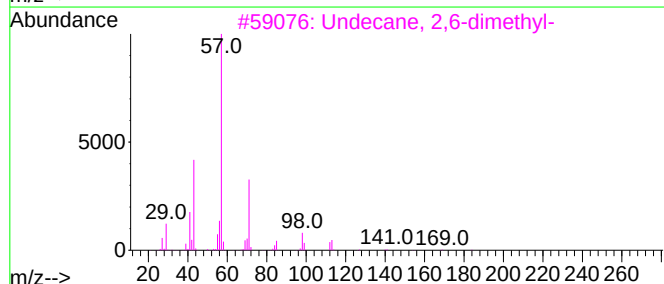
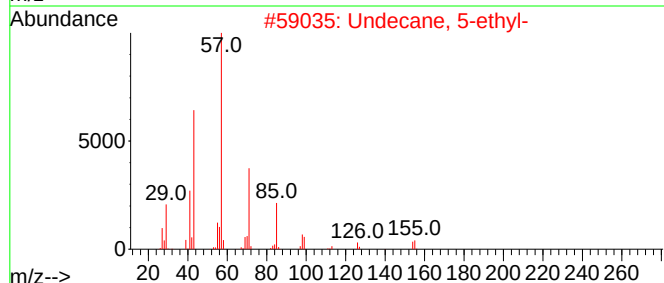
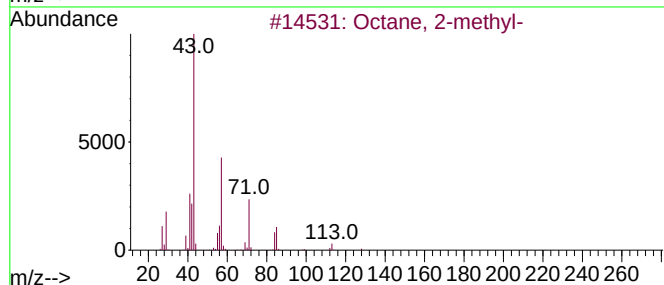
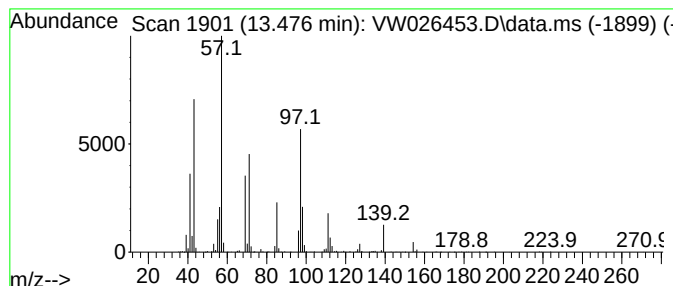
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.476	8.77 ug/L	489241	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2-methyl-	128	C9H20	003221-61-2	38
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	38
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	38
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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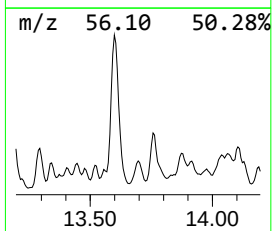
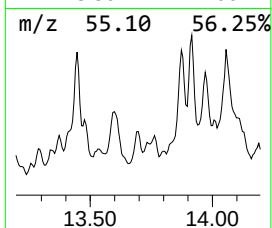
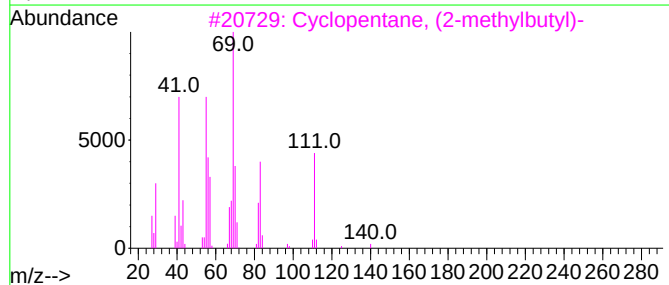
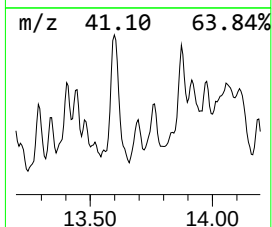
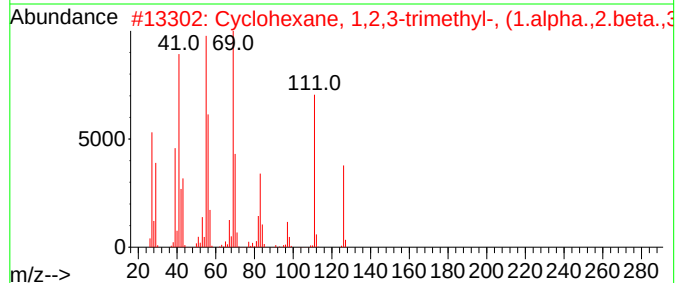
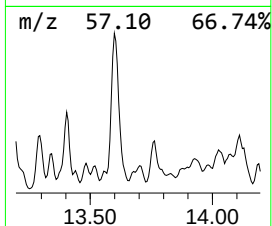
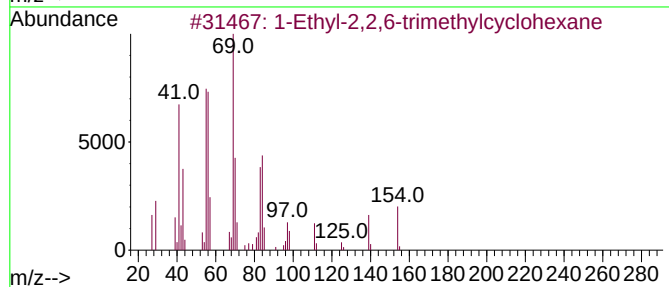
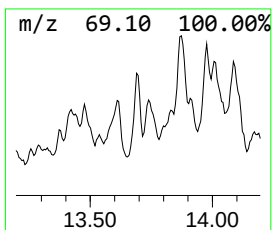
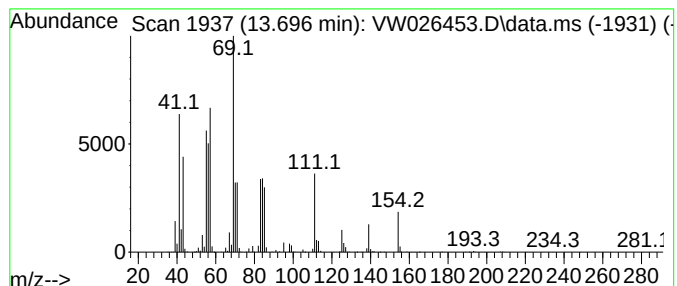
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Cyclic13.696 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	19.47 ug/L	1085740	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	76
2		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	64
3		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
5		2-Nonen-4-one	140	C9H16O	032064-72-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

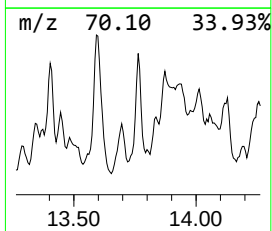
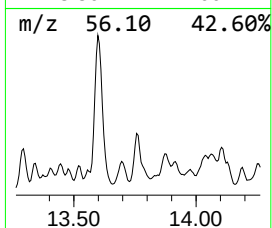
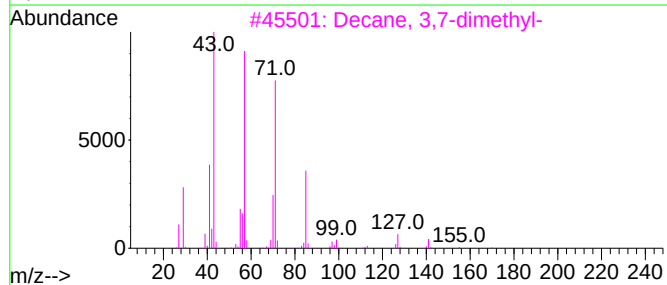
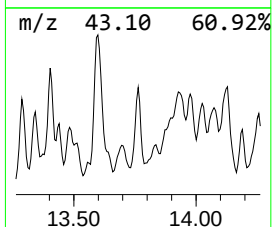
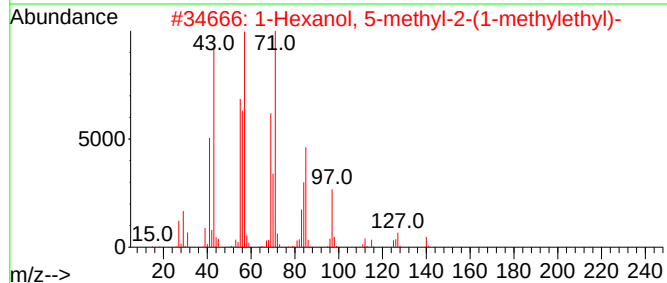
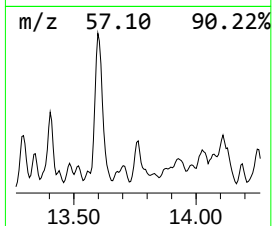
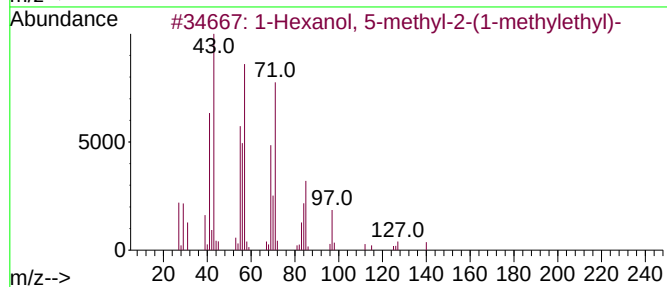
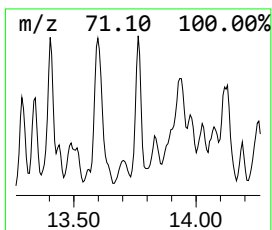
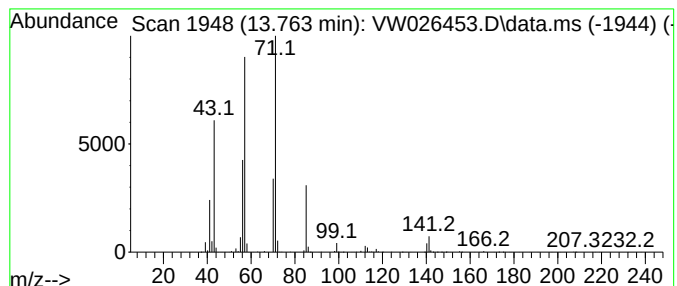
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 29 1-Hexanol, 5-methyl-2-(1-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.763	18.79 ug/L	1047810	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexanol, 5-methyl-2-(1-methyle...		158	C10H22O	002051-33-4	78
2	1-Hexanol, 5-methyl-2-(1-methyle...		158	C10H22O	002051-33-4	78
3	Decane, 3,7-dimethyl-		170	C12H26	017312-54-8	64
4	Sulfurous acid, decyl pentyl ester		292	C15H32O3S	1000309-14-3	64
5	Silane, trichlorodocosyl-		442	C22H45Cl3Si	007325-84-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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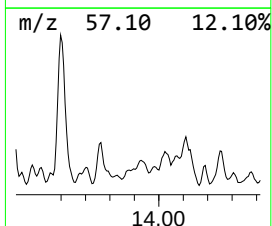
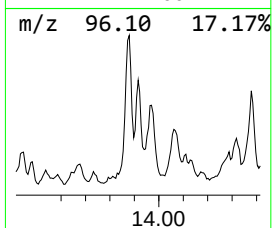
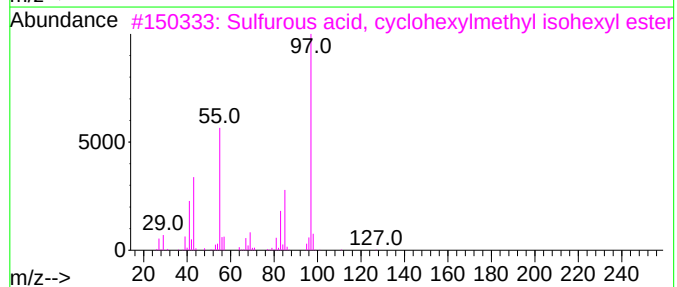
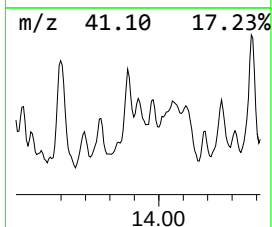
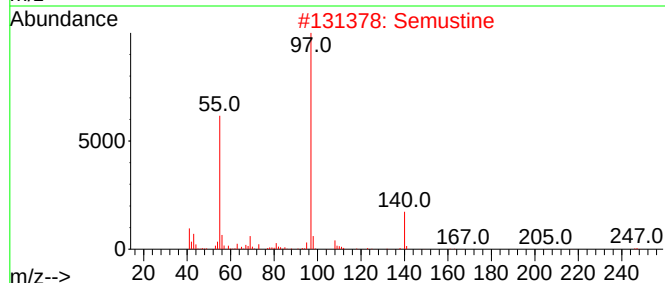
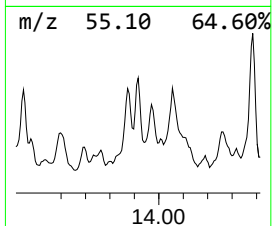
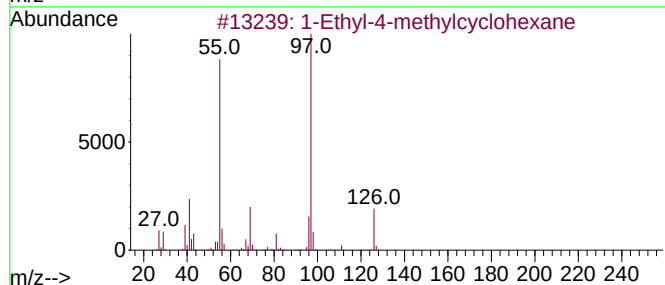
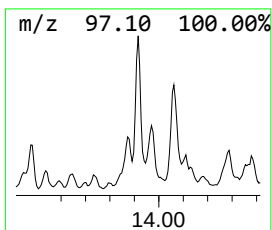
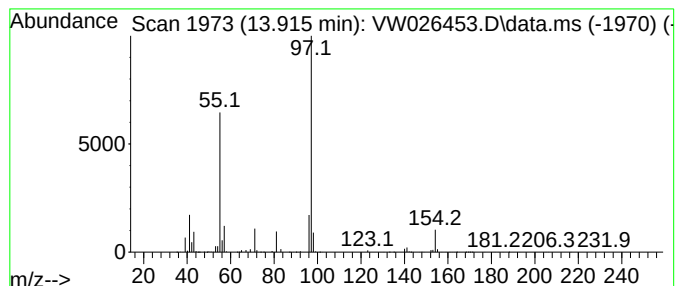
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic13.915 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	22.45 ug/L	1251880	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	59
2			Semustine	247	C10H18ClN3O2	013909-09-6	50
3			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50
4			Cyclopropane, 3-chloro-1,1,2,2-t...	132	C7H13Cl	014123-41-2	50
5			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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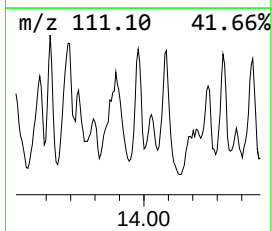
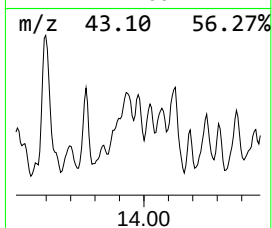
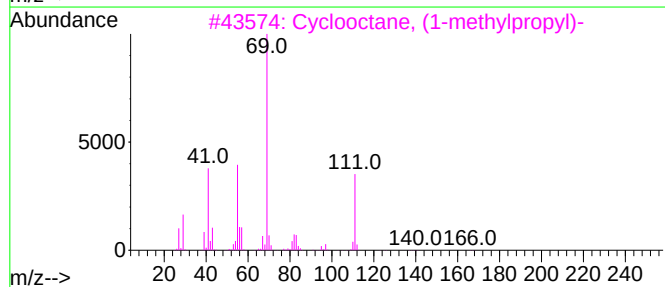
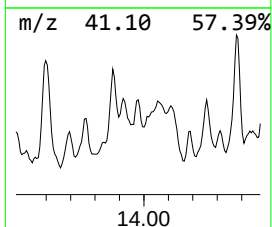
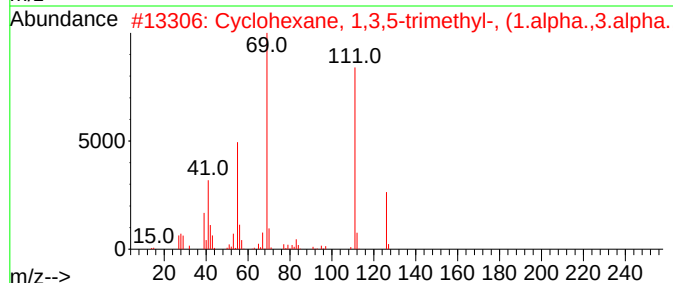
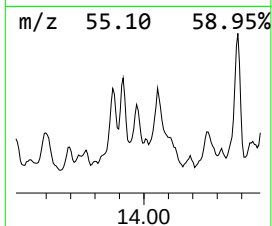
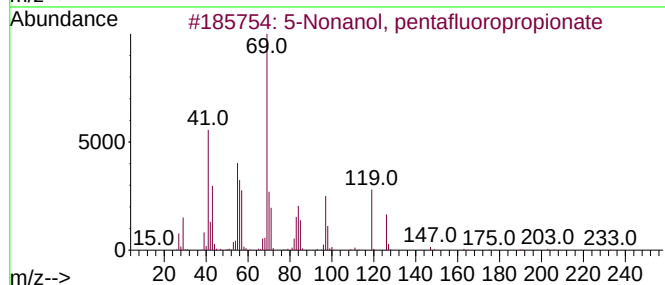
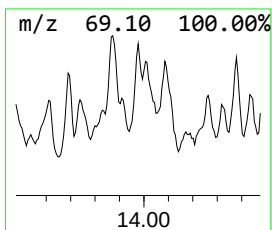
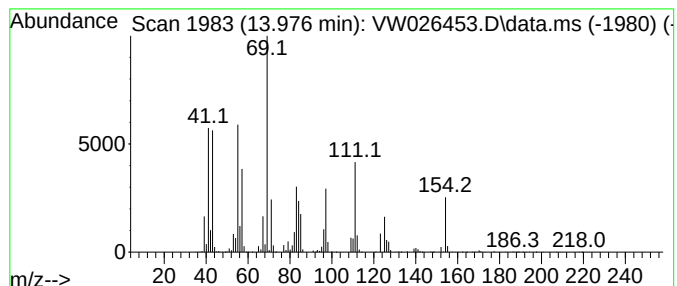
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Quant Title : SFAM01.0

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

Peak Number 31 5-Nonanol, pentafluoropropi... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	12.88 ug/L	718138	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Nonanol, pentafluoropropionate	290	C12H19F5O2	1000463-47-9	50
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	38
3		Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	38
5		1,2,4-Oxadiazol-5-ol, 3-(trifluo...	154	C3HF3N2O2	1000460-81-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

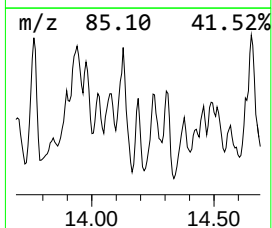
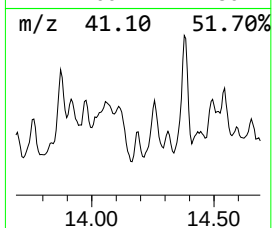
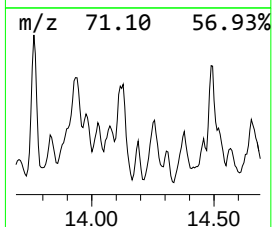
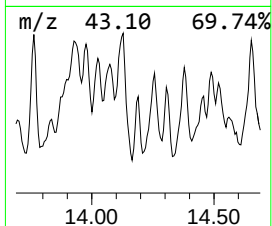
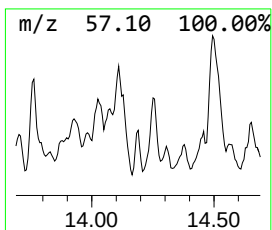
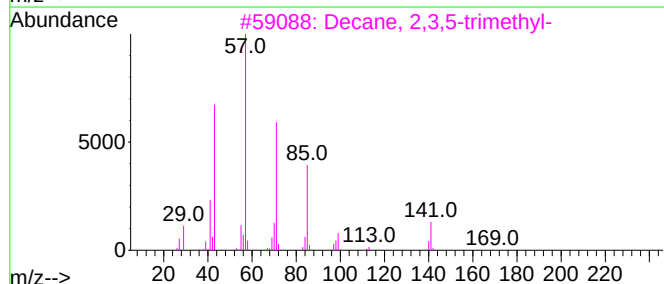
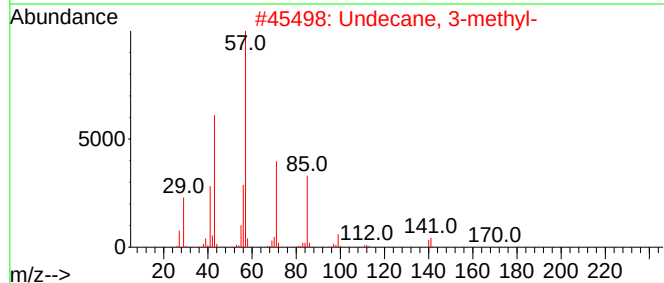
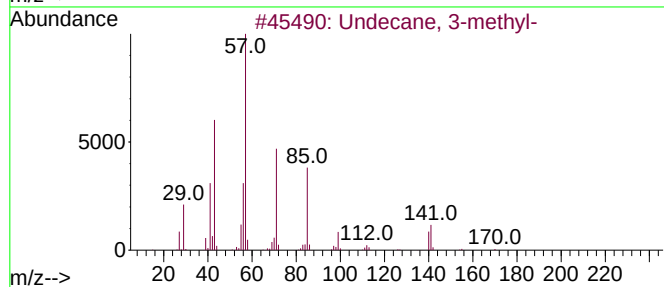
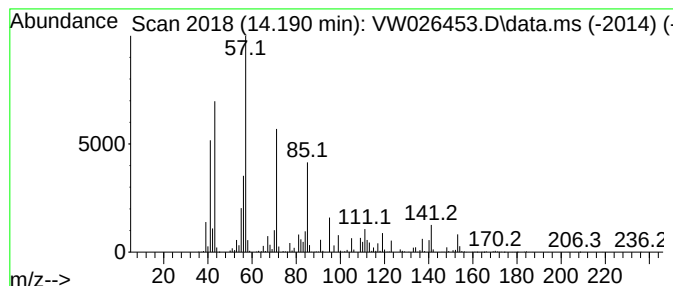
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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	12.38 ug/L	690499	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3-methyl-	170	C12H26	001002-43-3	68
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
4		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

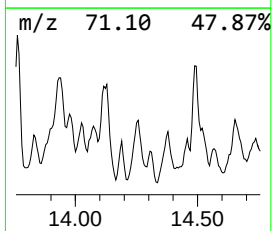
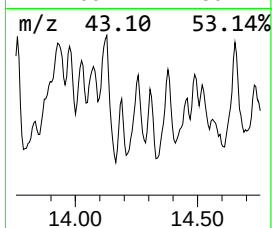
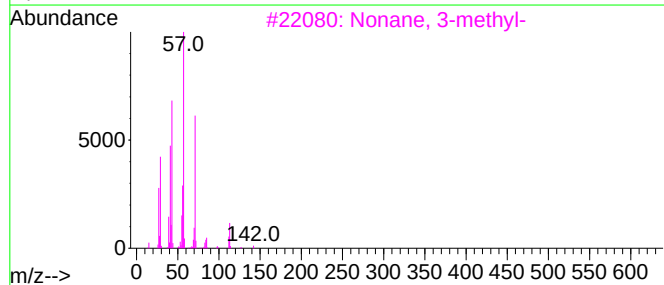
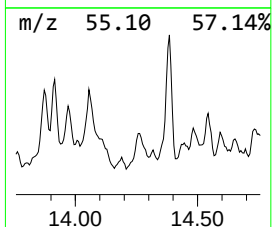
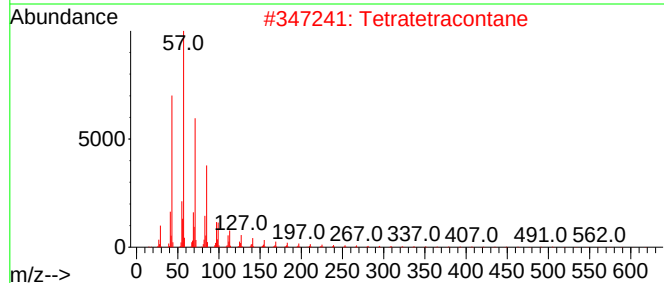
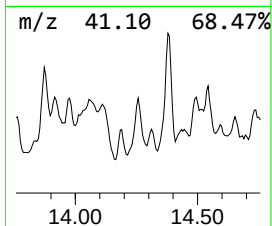
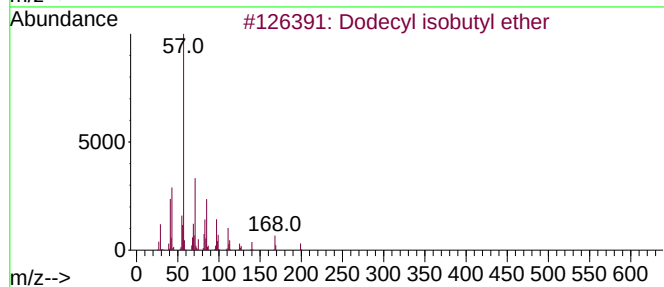
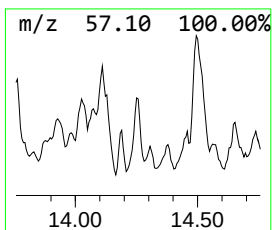
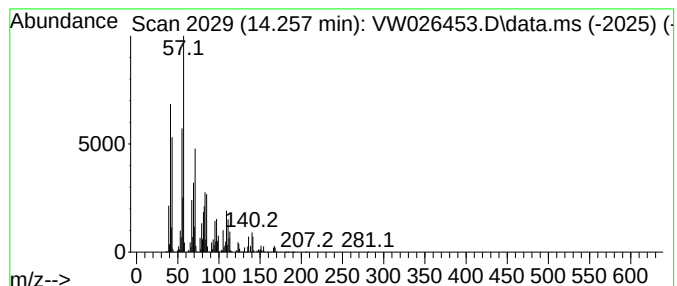
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Quant Title : SFAM01.0

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

Peak Number 33 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	25.13 ug/L	1401360	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecyl isobutyl ether	242	C16H34O	1000406-32-6	47
2			Tetratetracontane	619	C44H90	007098-22-8	43
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	35
4			Heptacosane	380	C27H56	000593-49-7	35
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

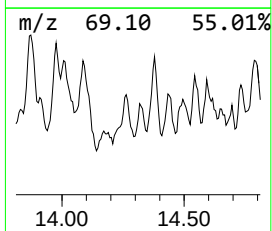
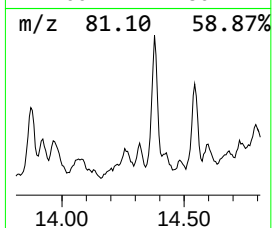
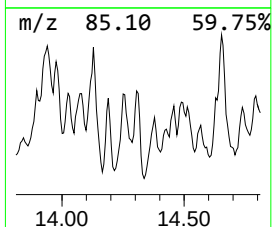
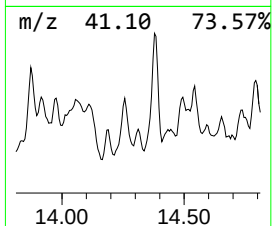
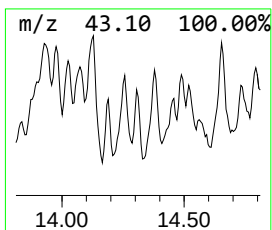
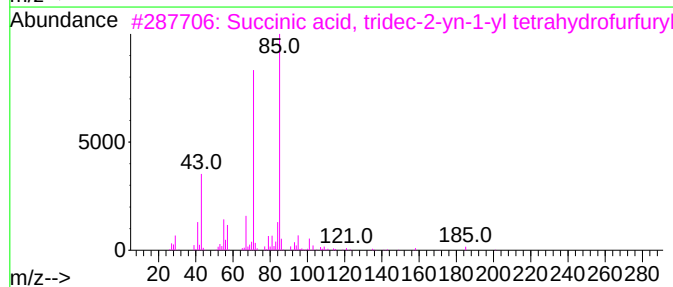
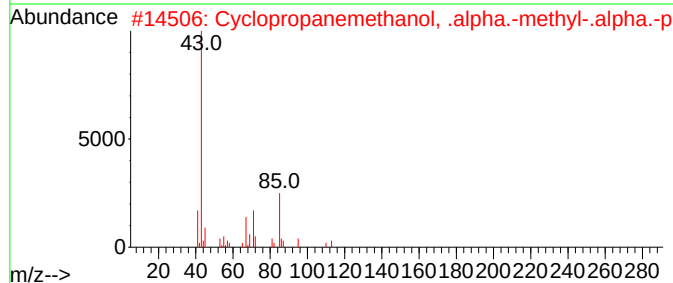
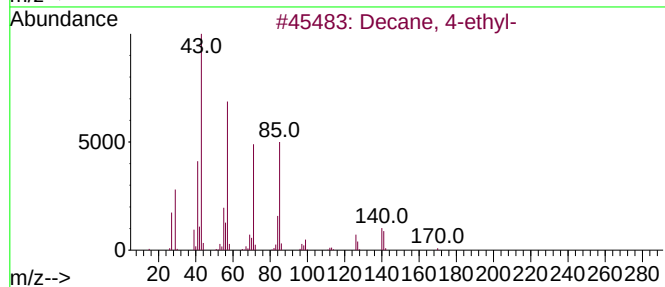
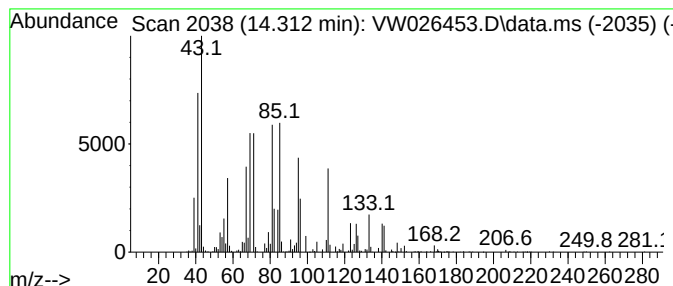
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	7.38 ug/L	411355	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	46
2			Cyclopropanemethanol, .alpha.-me...	128	C8H16O	024230-08-8	35
3			Succinic acid, tridec-2-yn-1-yl ...	380	C22H36O5	1000390-72-9	22
4			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	22
5			Succinic acid, 2-methylpent-3-yl...	286	C15H26O5	1010390-71-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

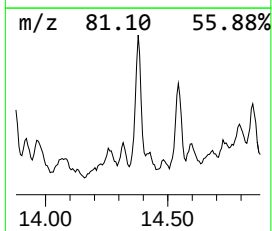
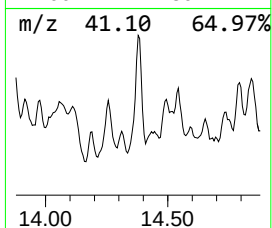
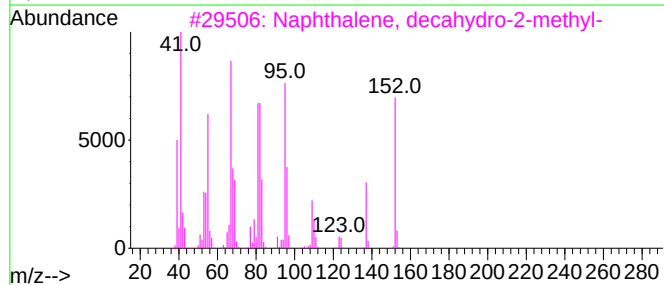
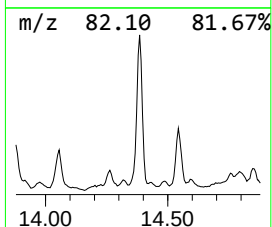
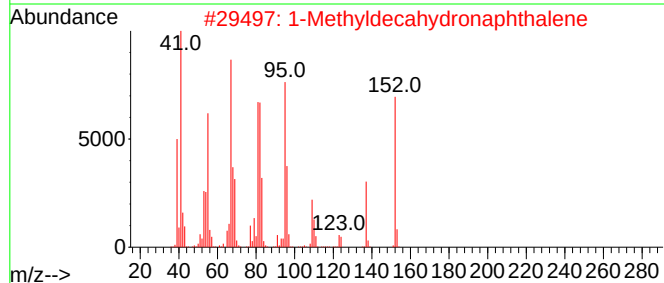
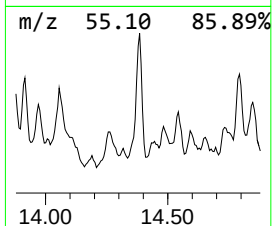
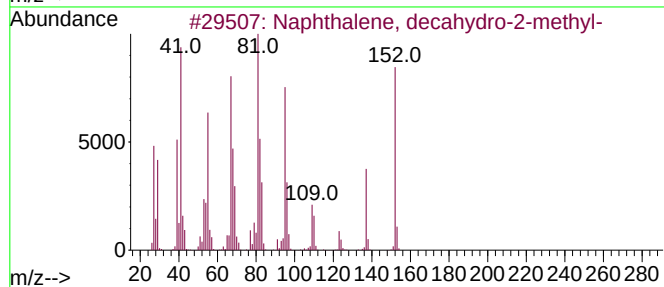
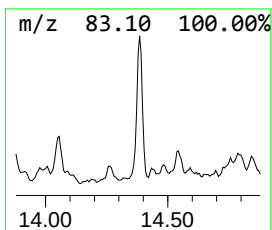
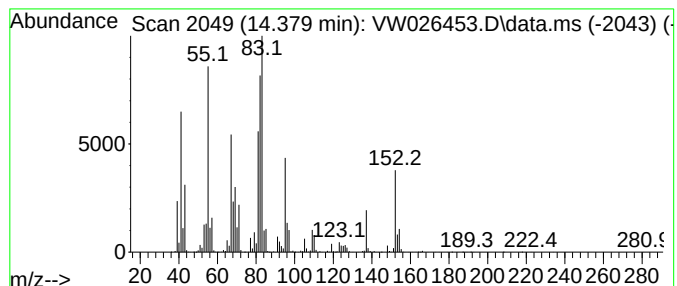
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Quant Title : SFAM01.0

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

Peak Number 35 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	65.09 ug/L	3629330	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	64
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	55
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

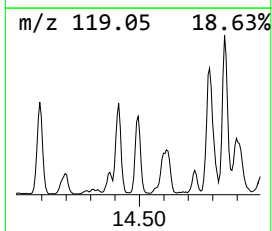
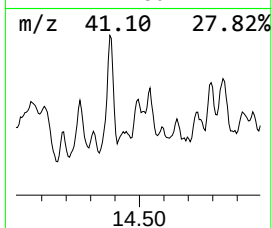
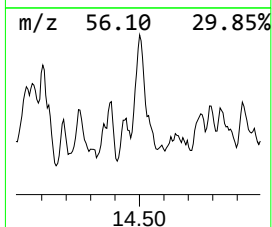
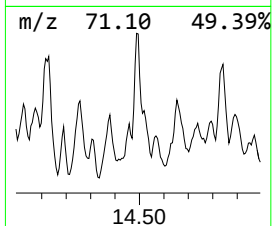
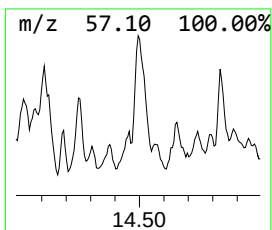
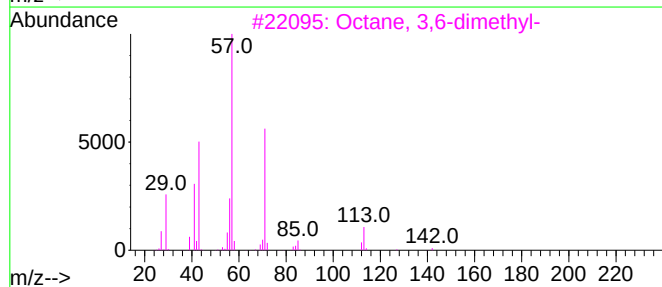
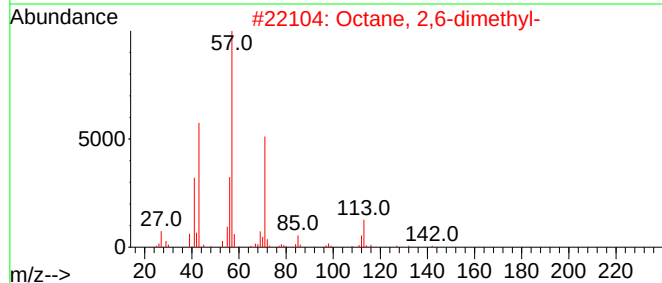
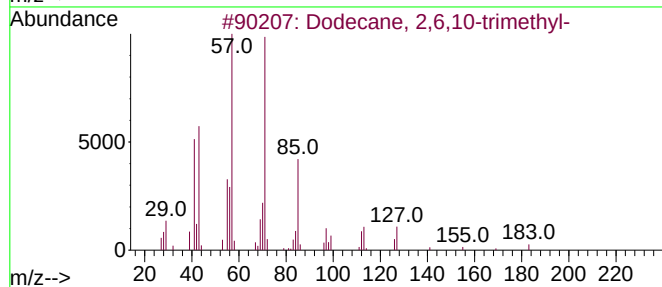
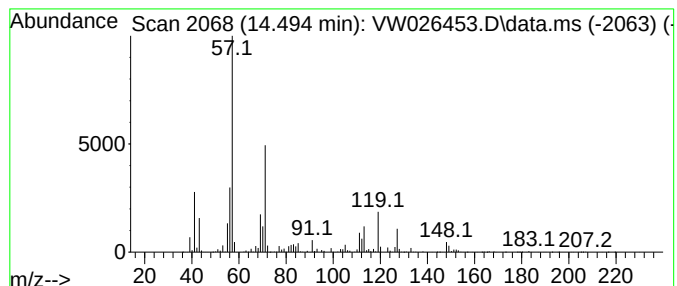
Instrument :
MSVOA_W
ClientSampleId :
A46N8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.495	22.75 ug/L	1268560	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	59
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	59
3	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	59
4	Hexane, 2,2,5,5-tetramethyl-		142	C10H22	001071-81-4	53
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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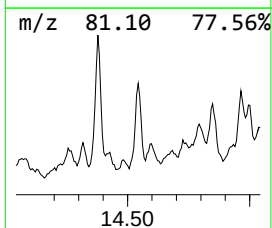
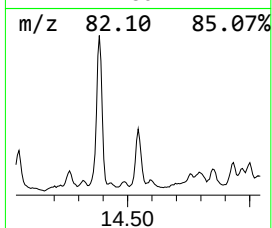
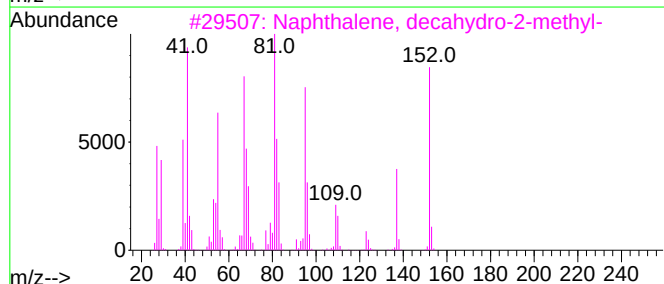
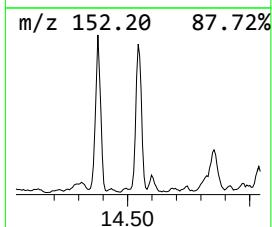
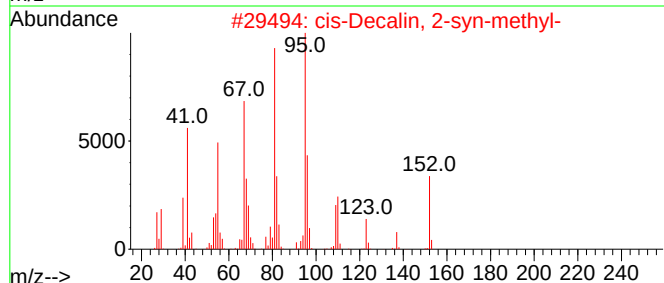
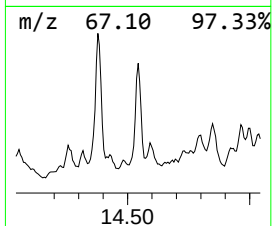
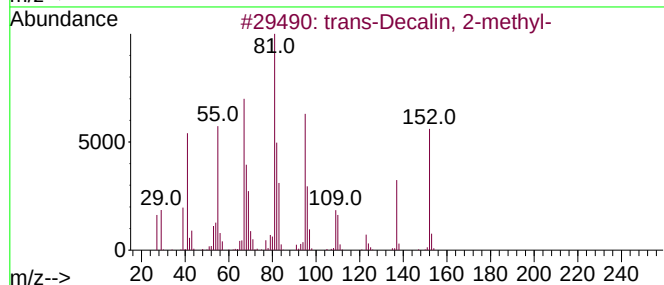
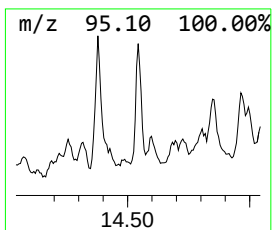
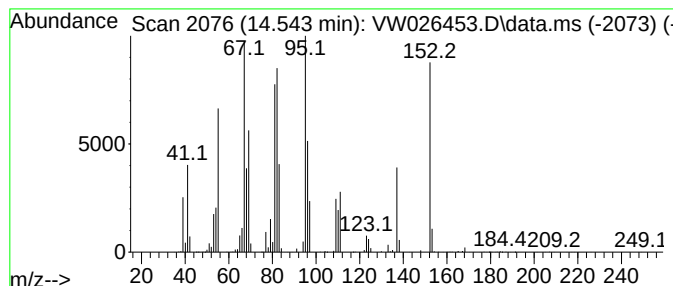
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Quant Title : SFAM01.0

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

Peak Number 37 trans-Decalin, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	25.94 ug/L	1446270	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
4			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5			8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

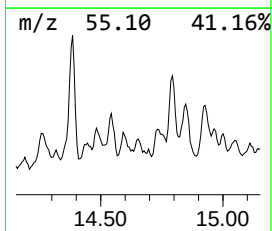
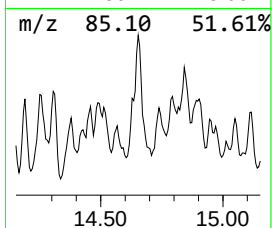
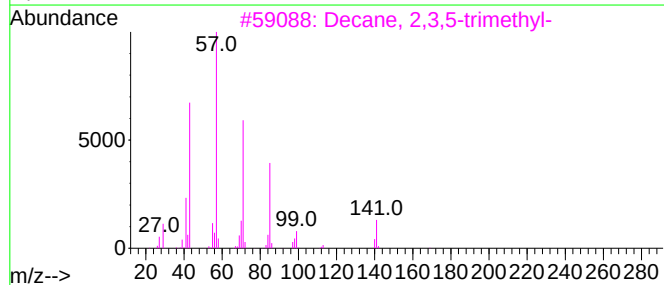
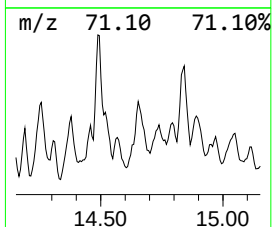
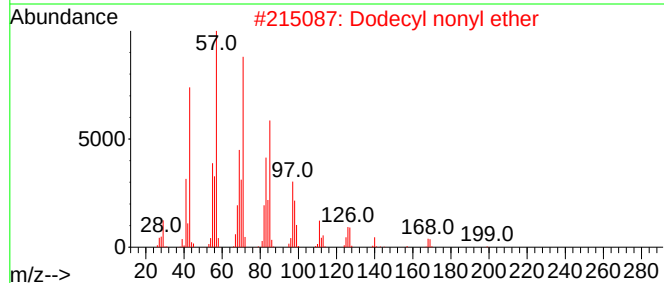
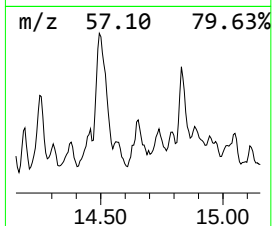
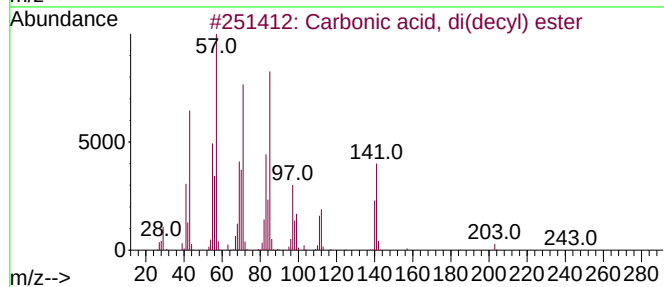
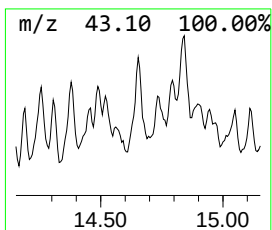
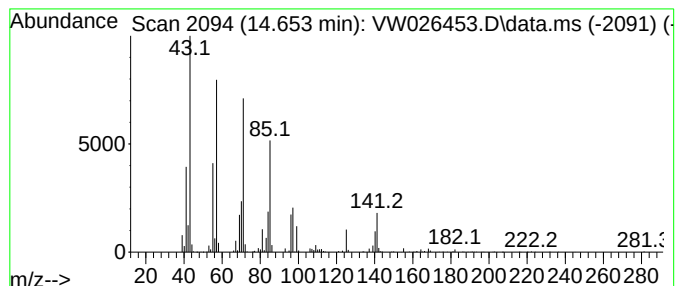
Instrument :
MSVOA_W
ClientSampleId :
A46N8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 38 Carbonic acid, di(decyl) ester Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.653	6.75 ug/L	376176	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, di(decyl) ester		342	C21H42O3	1000383-15-9	78
2	Dodecyl nonyl ether		312	C21H44O	1000406-37-5	64
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	53
4	Octane		114	C8H18	000111-65-9	47
5	1,3-Propanediol, decyl ethyl ether		244	C15H32O2	1000406-35-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

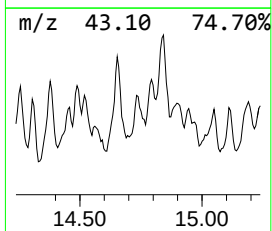
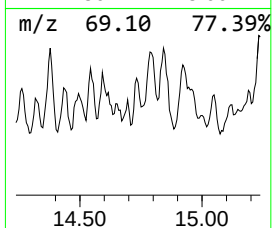
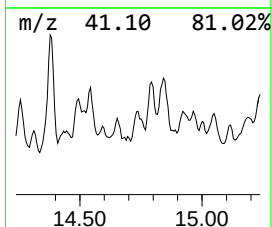
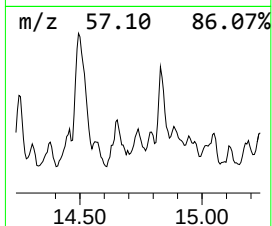
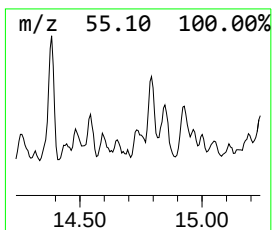
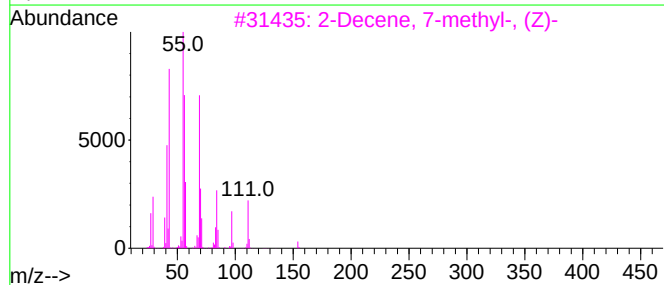
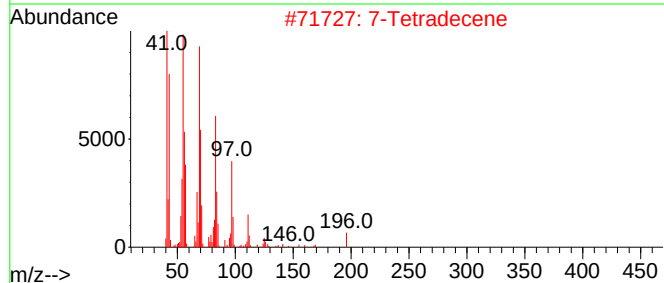
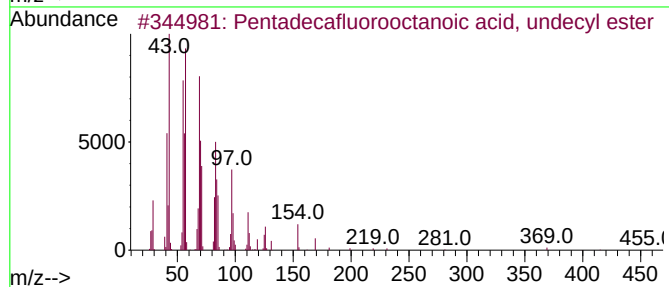
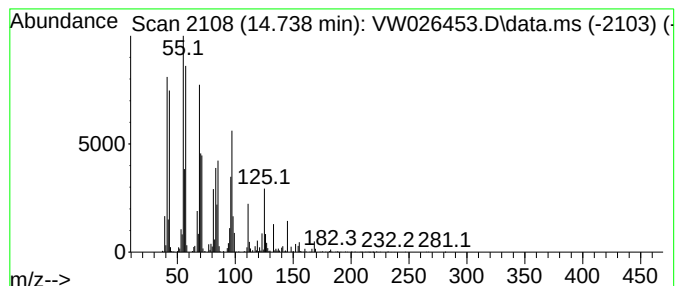
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Quant Title : SFAM01.0

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

Peak Number 39 Pentadecafluorooctanoic aci... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.738	21.83 ug/L	1217180	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, un...	568	C19H23F15O2	1010406-04-1	52
2			7-Tetradecene	196	C14H28	010374-74-0	49
3			2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	38
4			2-Decene, 8-methyl-, (Z)-	154	C11H22	074630-25-4	30
5			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

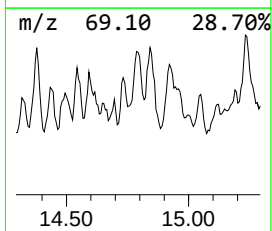
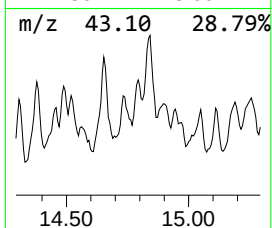
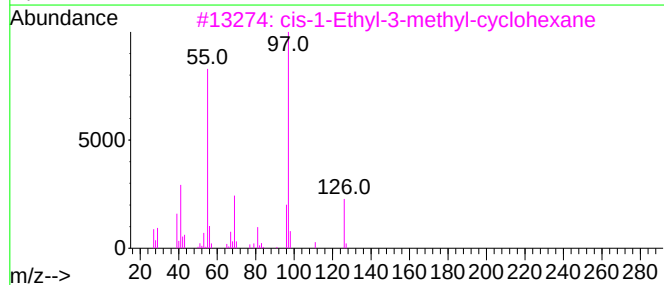
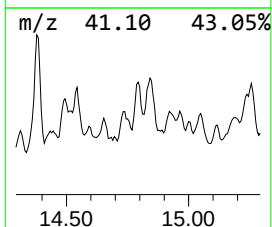
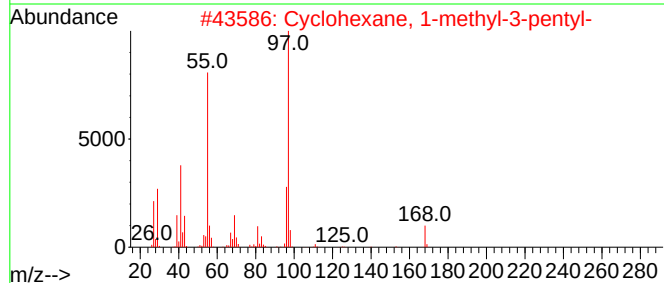
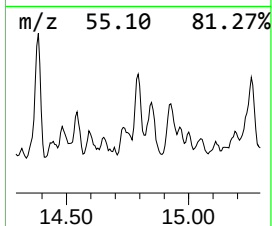
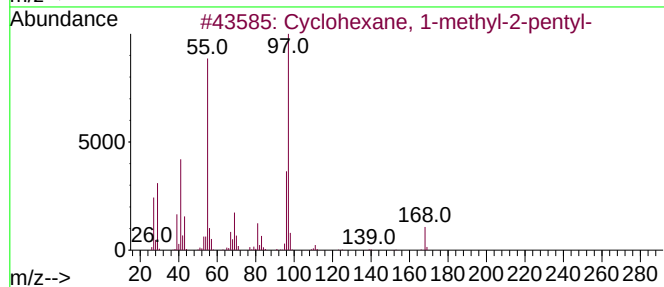
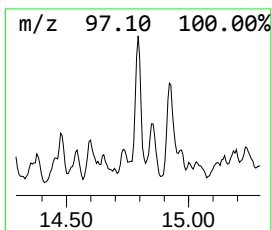
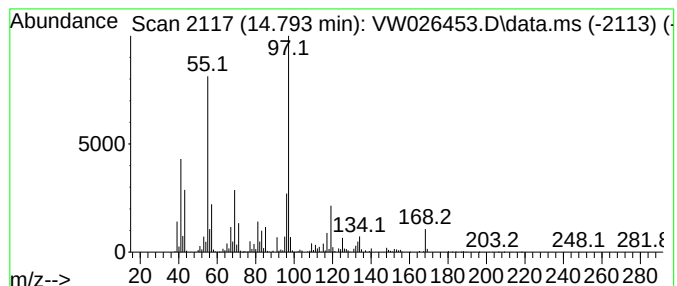
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Cyclic14.793 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	37.74 ug/L	2104660	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	70
2		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	62
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	58
4		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	58
5		Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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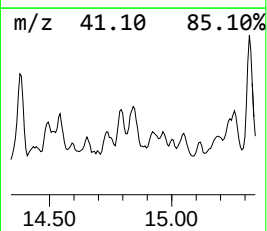
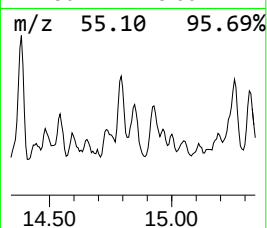
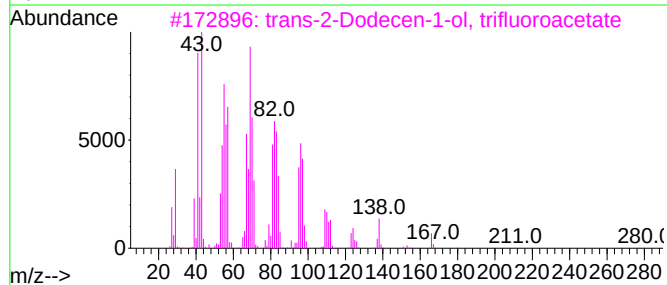
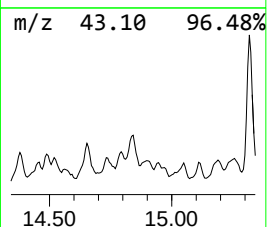
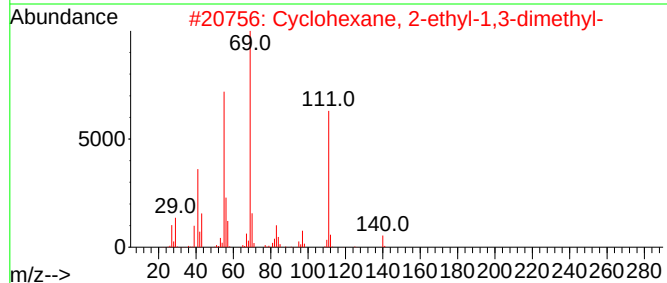
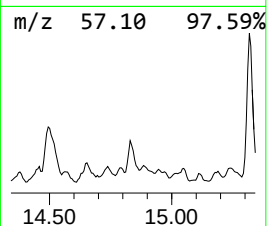
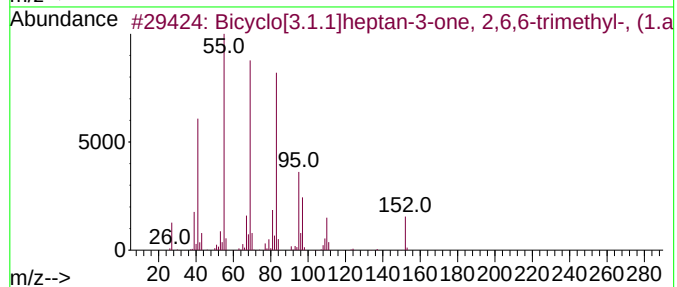
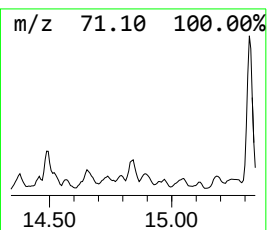
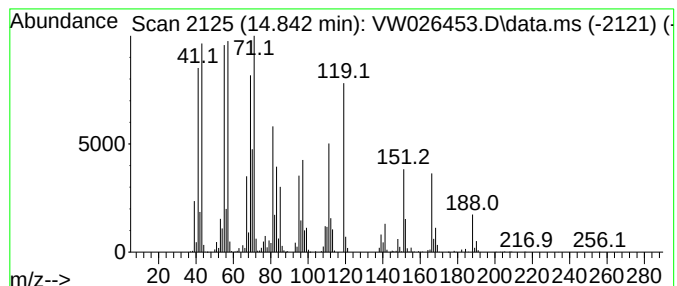
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Quant Title : SFAM01.0

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

Peak Number 41 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.842	40.95 ug/L	2283240	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	18
2			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	18
3			trans-2-Dodecen-1-ol, trifluoroa...	280	C14H23F3O2	1000352-26-2	18
4			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	15
5			5-Hexen-2-one, 5-methyl-	112	C7H12O	003240-09-3	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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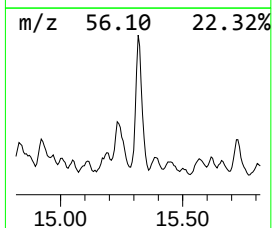
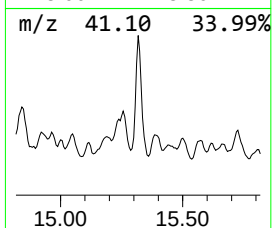
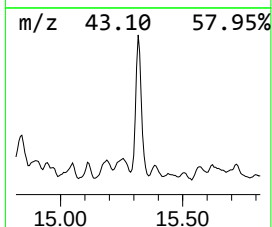
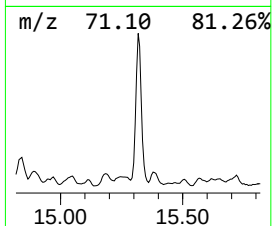
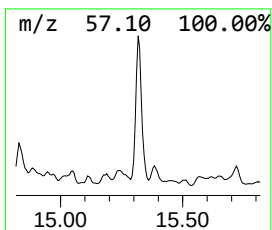
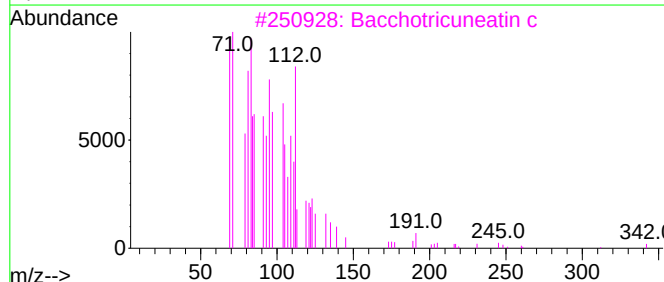
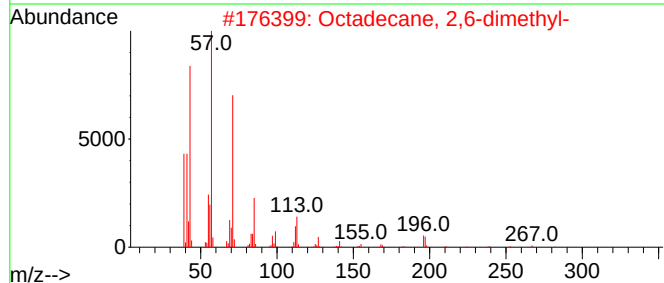
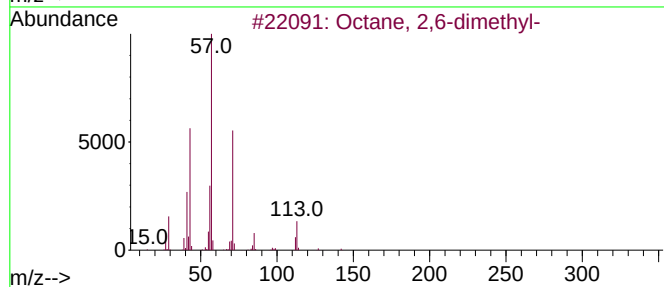
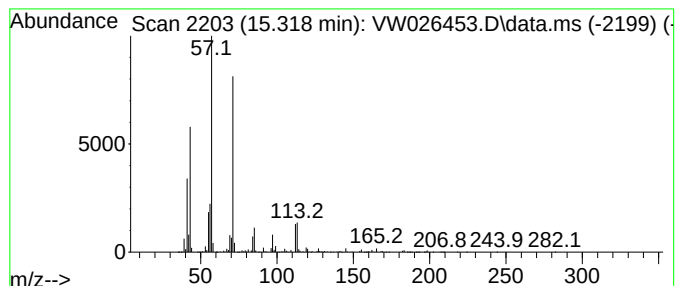
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Quant Title : SFAM01.0

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	79.51 ug/L	4433730	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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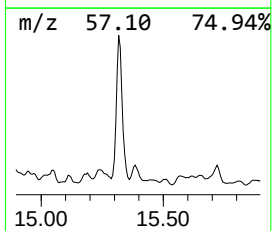
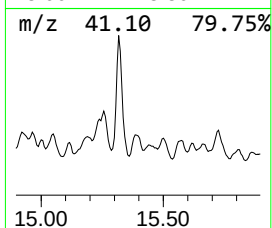
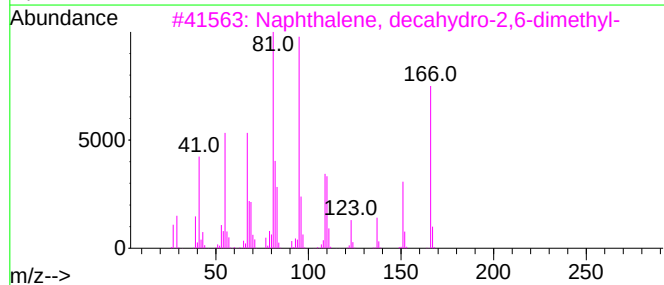
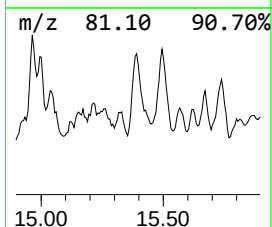
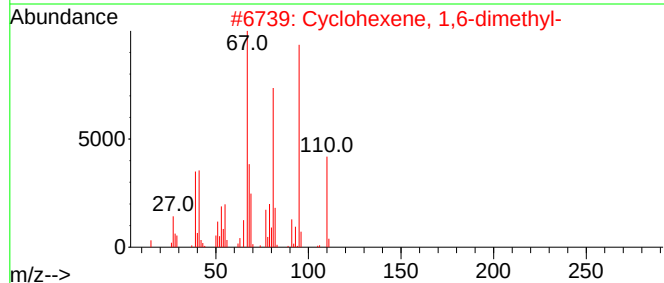
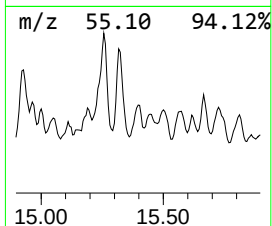
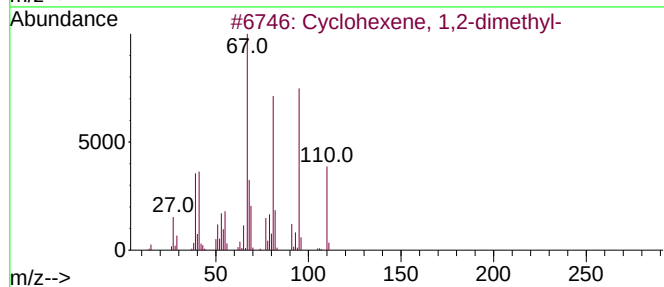
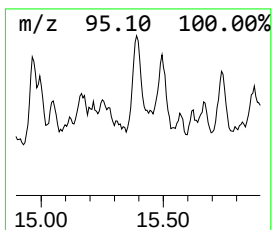
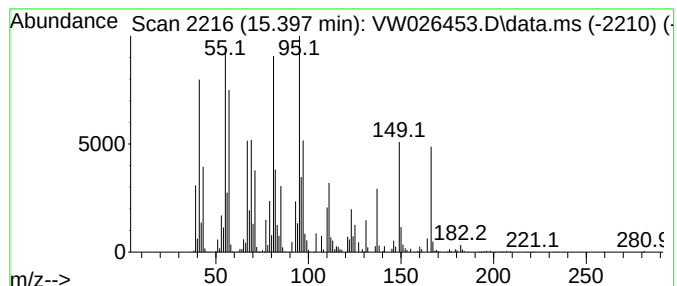
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Quant Title : SFAM01.0

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

Peak Number 43 Cyclohexene, 1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.397	24.77 ug/L	1381150	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	50
2			Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	50
3			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	43
4			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	41
5			(6R,7aS)-3,6-Dimethyl-5,6,7,7a-t...	166	C10H14O2	075684-66-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

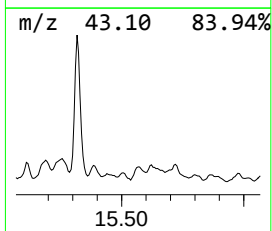
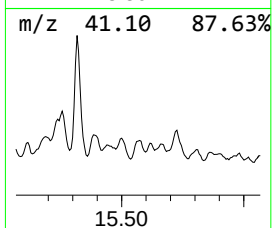
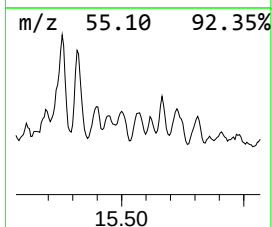
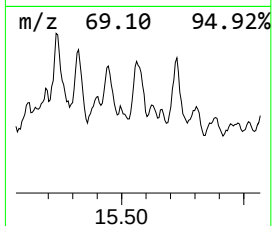
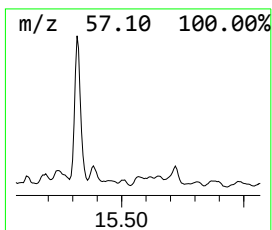
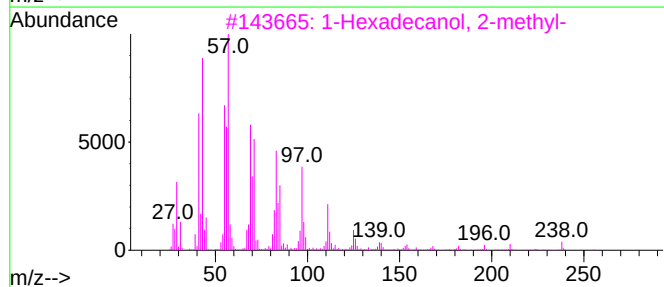
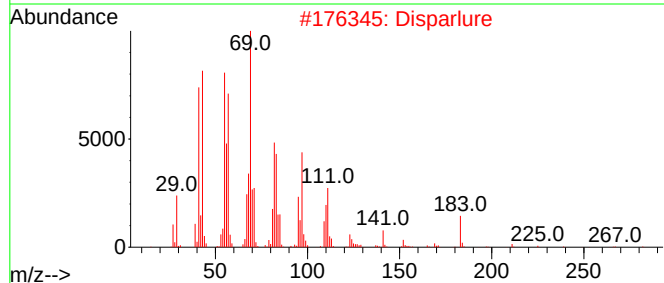
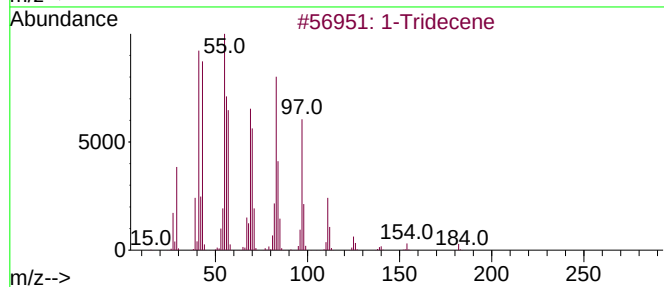
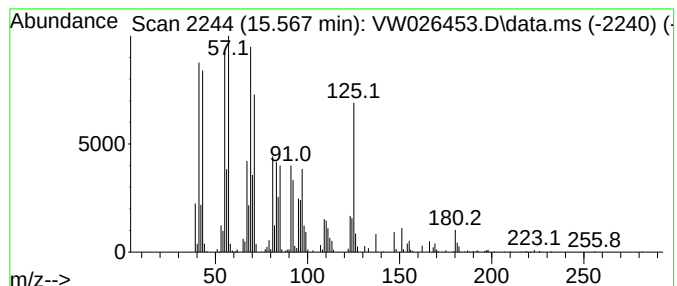
Instrument :
MSVOA_W
ClientSampleId :
A46N8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.568	13.83 ug/L	771081	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	60
2	Disparlure	282	C19H38O	029804-22-6	43
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	43
4	2-Tridecene, (E)-	182	C13H26	041446-58-6	38
5	1-Tridecene	182	C13H26	002437-56-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

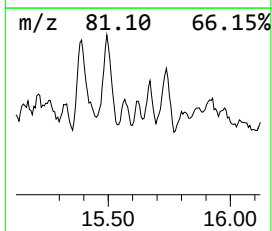
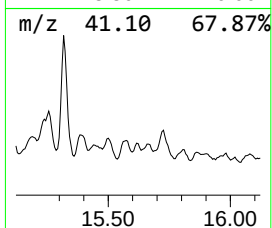
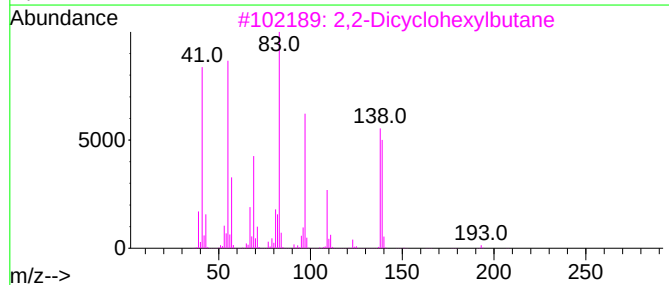
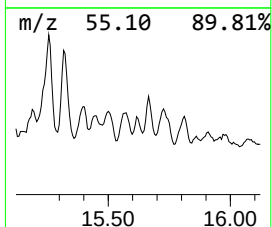
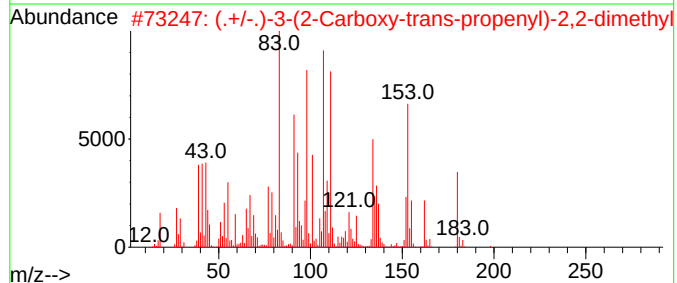
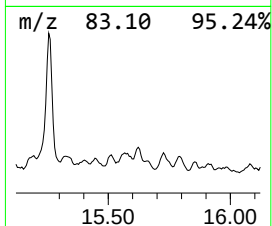
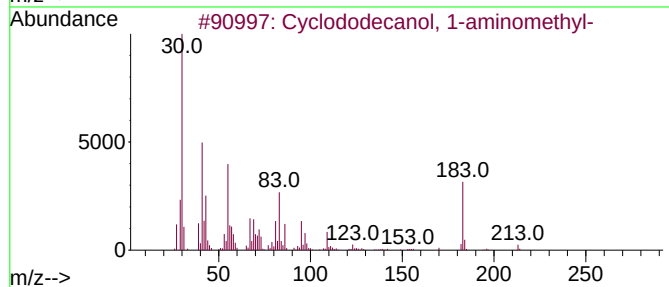
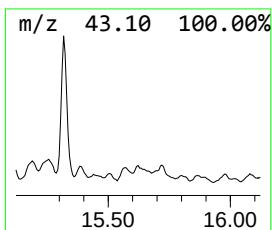
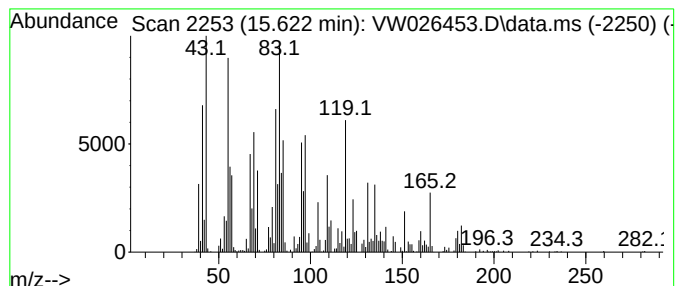
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 unknown-04

Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	6.71 ug/L	374191	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclododecanol, 1-aminomethyl-	213	C13H27NO	000832-29-1	35
2			(.+/-)-3-(2-Carboxy-trans-prope...	198	C10H14O4	040253-03-0	30
3			2,2-Dicyclohexylbutane	222	C16H30	054890-02-7	27
4			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	25
5			Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

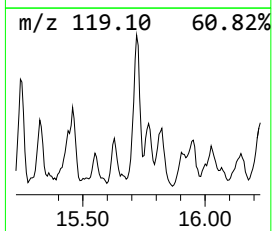
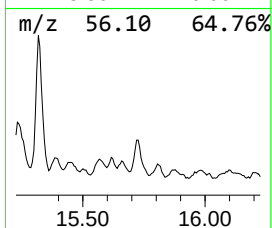
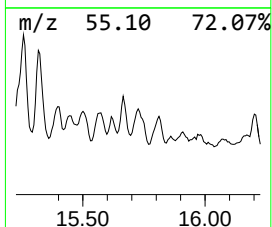
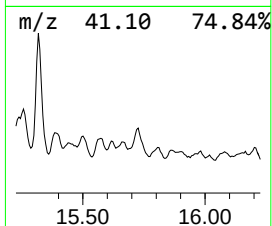
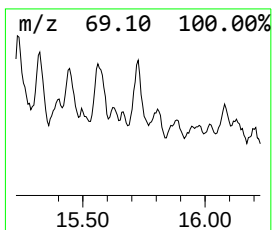
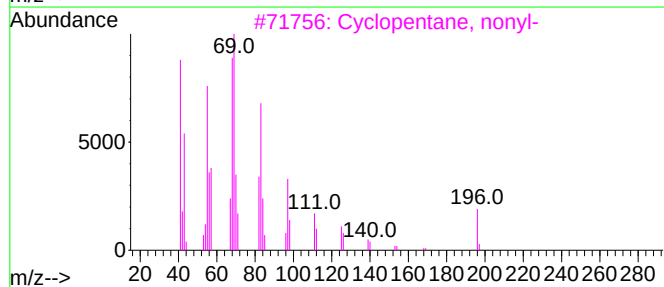
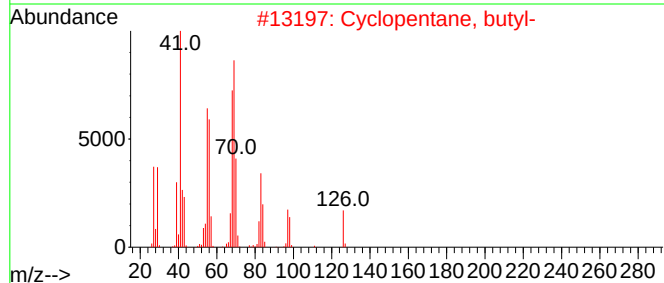
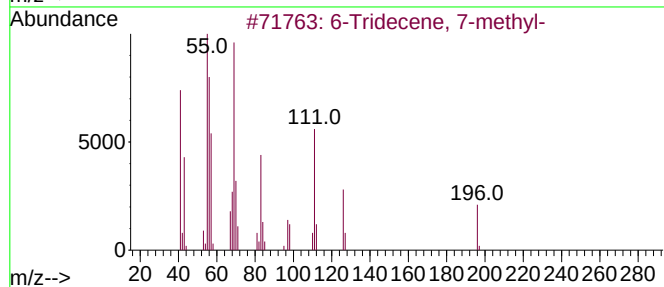
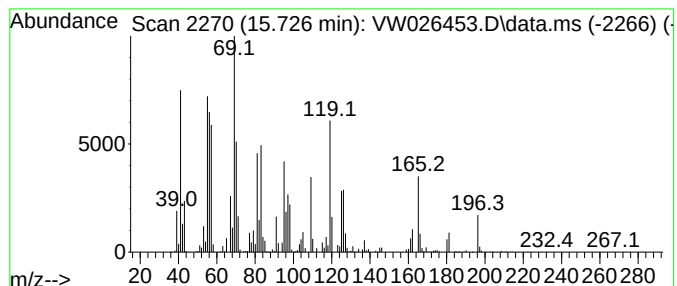
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Quant Title : SFAM01.0

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.726	24.53 ug/L	1367750	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-			196	C14H28	024949-42-6	42
2	Cyclopentane, butyl-			126	C9H18	002040-95-1	41
3	Cyclopentane, nonyl-			196	C14H28	002882-98-6	38
4	Cyclopentane, butyl-			126	C9H18	002040-95-1	30
5	2H-Azepin-2-one, hexahydro-4-met...			127	C7H13NO	003623-05-0	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026453.D
Acq On : 29 Jun 2023 23:39
Operator : SY/MD
Sample : 03452-10
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N8

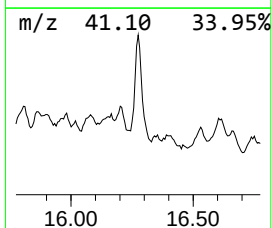
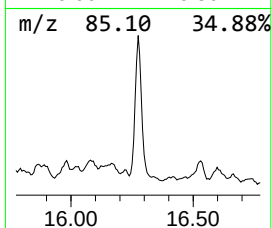
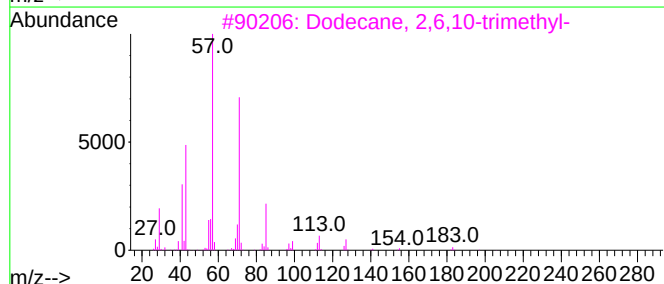
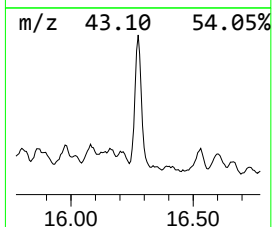
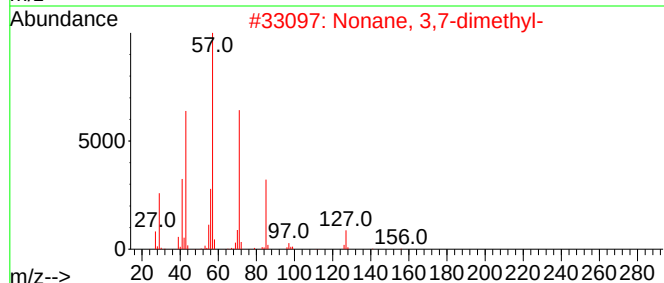
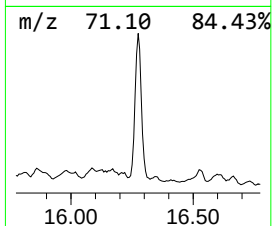
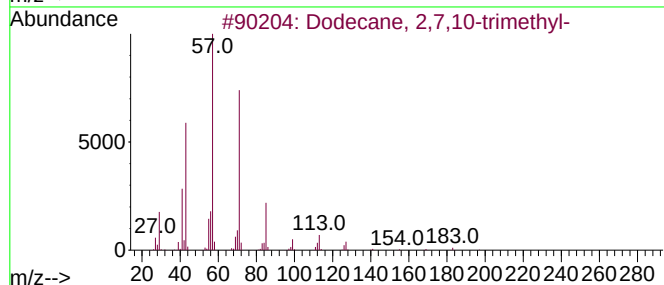
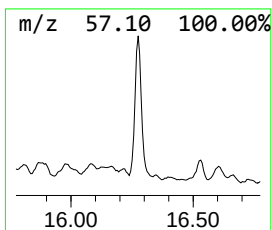
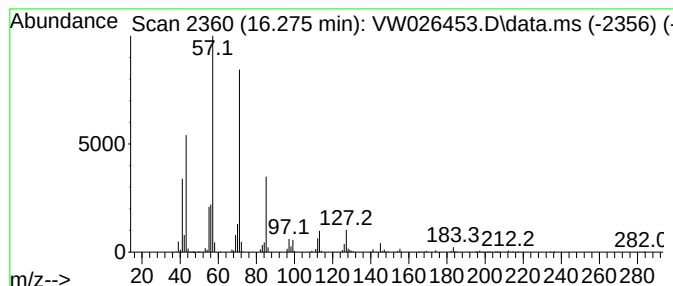
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	41.48 ug/L	2312710	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026453.D
 Acq On : 29 Jun 2023 23:39
 Operator : SY/MD
 Sample : 03452-10
 Misc : 4.39g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46N8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	11.032	1.9	ug/L	169407	2	11.629	2194870	25.0
(DEL) Alkane: C...	11.227	2.0	ug/L	173076	2	11.629	2194870	25.0
(DEL) Alkane: S...	11.336	1.6	ug/L	139075	2	11.629	2194870	25.0
2-Pyrazoline, 1...	11.434	1.3	ug/L	113746	2	11.629	2194870	25.0
(DEL) Alkane: S...	11.507	2.3	ug/L	202960	2	11.629	2194870	25.0
(DEL) Alkane: C...	11.873	2.8	ug/L	241418	2	11.629	2194870	25.0
(DEL) Alkane: C...	11.916	1.5	ug/L	129165	2	11.629	2194870	25.0
(DEL) Alkane: S...	12.062	1.8	ug/L	155614	2	11.629	2194870	25.0
(DEL) Alkane: S...	12.135	7.3	ug/L	640311	2	11.629	2194870	25.0
(DEL) Alkane: S...	12.245	9.8	ug/L	855678	2	11.629	2194870	25.0
(DEL) Alkane: S...	12.361	21.0	ug/L	1845600	2	11.629	2194870	25.0
(DEL) Alkane: S...	12.501	9.8	ug/L	855979	2	11.629	2194870	25.0
(DEL) Alkane: S...	12.586	2.9	ug/L	254585	2	11.629	2194870	25.0
(DEL) Alkane: S...	12.617	4.1	ug/L	226275	3	13.556	1394000	25.0
(DEL) Alkane: S...	12.745	1.8	ug/L	97923	3	13.556	1394000	25.0
(DEL) Alkane: C...	12.775	15.5	ug/L	862087	3	13.556	1394000	25.0
(DEL) Alkane: C...	12.855	11.9	ug/L	662855	3	13.556	1394000	25.0
Oxalic acid, cy...	12.940	39.5	ug/L	2203710	3	13.556	1394000	25.0
(DEL) Alkane: S...	13.074	9.1	ug/L	507995	3	13.556	1394000	25.0
unknown-01	13.123	11.7	ug/L	651477	3	13.556	1394000	25.0
(DEL) Alkane: S...	13.159	10.6	ug/L	589706	3	13.556	1394000	25.0
(DEL) Alkane: S...	13.287	26.9	ug/L	1497240	3	13.556	1394000	25.0
1-Octadecanesul...	13.342	14.1	ug/L	785951	3	13.556	1394000	25.0
(DEL) Alkane: S...	13.403	32.0	ug/L	1782610	3	13.556	1394000	25.0
(DEL) Alkane: C...	13.446	23.5	ug/L	1309630	3	13.556	1394000	25.0
(DEL) Alkane: S...	13.476	8.8	ug/L	489241	3	13.556	1394000	25.0
(DEL) Alkane: C...	13.696	19.5	ug/L	1085740	3	13.556	1394000	25.0
1-Hexanol, 5-me...	13.763	18.8	ug/L	1047810	3	13.556	1394000	25.0
(DEL) Alkane: C...	13.915	22.4	ug/L	1251880	3	13.556	1394000	25.0
5-Nonanol, pent...	13.976	12.9	ug/L	718138	3	13.556	1394000	25.0
(DEL) Alkane: S...	14.190	12.4	ug/L	690499	3	13.556	1394000	25.0
unknown-02	14.257	25.1	ug/L	1401360	3	13.556	1394000	25.0
(DEL) Alkane: S...	14.312	7.4	ug/L	411355	3	13.556	1394000	25.0
Naphthalene, de...	14.379	65.1	ug/L	3629330	3	13.556	1394000	25.0
(DEL) Alkane: S...	14.495	22.8	ug/L	1268560	3	13.556	1394000	25.0
trans-Decalin, ...	14.543	25.9	ug/L	1446270	3	13.556	1394000	25.0
Carbonic acid, ...	14.653	6.8	ug/L	376176	3	13.556	1394000	25.0
Pentadecafluoro...	14.738	21.8	ug/L	1217180	3	13.556	1394000	25.0
(DEL) Alkane: C...	14.793	37.7	ug/L	2104660	3	13.556	1394000	25.0
unknown-03	14.842	41.0	ug/L	2283240	3	13.556	1394000	25.0
(DEL) Alkane: S...	15.318	79.5	ug/L	4433730	3	13.556	1394000	25.0
Cyclohexene, 1,...	15.397	24.8	ug/L	1381150	3	13.556	1394000	25.0
(DEL) Alkane: S...	15.568	13.8	ug/L	771081	3	13.556	1394000	25.0
unknown-04	15.622	6.7	ug/L	374191	3	13.556	1394000	25.0
(DEL) Alkane: S...	15.726	24.5	ug/L	1367750	3	13.556	1394000	25.0
(DEL) Alkane: S...	16.275	41.5	ug/L	2312710	3	13.556	1394000	25.0