

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026499.D
 Acq On : 01 Jul 2023 02:48
 Operator : SY/MD
 Sample : 03444-21
 Misc : 4.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Y2

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: VW026499.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.009	16	20	39	rVB2	64445	193766	2.92%	0.299%
2	2.363	68	78	90	rBV	112217	302322	4.55%	0.466%
3	2.631	118	122	124	rBV5	5331	9054	0.14%	0.014%
4	2.893	156	165	179	rBV	128704	413823	6.23%	0.638%
5	3.405	239	249	253	rBV10	5905	19242	0.29%	0.030%
6	3.850	317	322	330	rBV10	4295	13959	0.21%	0.022%
7	4.021	339	350	359	rBV	220089	713996	10.75%	1.100%
8	4.119	359	366	378	rVV2	158982	449950	6.77%	0.693%
9	4.387	402	410	418	rVV2	9746	29033	0.44%	0.045%
10	4.917	489	497	508	rBV2	16794	67382	1.01%	0.104%
11	5.789	632	640	647	rVB10	6976	20838	0.31%	0.032%
12	5.947	656	666	675	rVB10	5303	17887	0.27%	0.028%
13	6.301	713	724	732	rVV4	9387	28853	0.43%	0.044%
14	7.075	842	851	858	rBV	84821	236765	3.56%	0.365%
15	7.161	860	865	877	rVB2	56788	164173	2.47%	0.253%
16	7.648	935	945	957	rBV	421987	1031947	15.53%	1.590%
17	7.917	985	989	1001	rVB9	6573	20519	0.31%	0.032%
18	8.039	1003	1009	1013	rVB8	4501	9681	0.15%	0.015%
19	8.154	1023	1028	1035	rVB6	10334	22465	0.34%	0.035%
20	8.276	1038	1048	1063	rBV2	815691	2446058	36.82%	3.769%
21	8.392	1063	1067	1072	rBV6	4159	8329	0.13%	0.013%
22	8.563	1092	1095	1104	rVB8	4958	11200	0.17%	0.017%
23	8.703	1115	1118	1124	rVB7	5537	10582	0.16%	0.016%
24	8.837	1129	1140	1151	rBV	953259	1884999	28.37%	2.904%
25	9.069	1170	1178	1189	rBV4	11215	38698	0.58%	0.060%
26	9.270	1201	1211	1219	rVV	583990	1215270	18.29%	1.872%
27	9.331	1219	1221	1228	rVV3	36736	65458	0.99%	0.101%
28	9.386	1228	1230	1236	rVV7	7714	10612	0.16%	0.016%
29	9.447	1236	1240	1245	rVV8	4355	8996	0.14%	0.014%
30	9.752	1284	1290	1295	rBV5	12415	26489	0.40%	0.041%
31	9.892	1309	1313	1319	rVV	9914	18372	0.28%	0.028%
32	9.959	1319	1324	1328	rVV2	18192	36709	0.55%	0.057%
33	10.032	1330	1336	1342	rVV	262570	480215	7.23%	0.740%
34	10.093	1344	1346	1357	rVB5	19993	41826	0.63%	0.064%
35	10.245	1369	1371	1376	rVB3	8512	9714	0.15%	0.015%
36	10.319	1376	1383	1390	rBV	1154265	2161957	32.54%	3.331%

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 Title : SFAM01.0

37	10.386	1390	1394	1402	rVB	59370	116197	1.75%	0.179%
38	10.502	1407	1413	1419	rVB6	16345	36101	0.54%	0.056%
39	10.575	1419	1425	1435	rBV	200423	352207	5.30%	0.543%
40	10.666	1435	1440	1442	rBV3	12419	20973	0.32%	0.032%
41	10.697	1443	1445	1450	rVB2	11436	15616	0.24%	0.024%
42	10.758	1452	1455	1456	rBV2	7010	8155	0.12%	0.013%
43	10.837	1464	1468	1475	rVB4	16880	37431	0.56%	0.058%
44	10.922	1475	1482	1495	rBV	407537	746261	11.23%	1.150%
45	11.038	1496	1501	1509	rVV	23607	57138	0.86%	0.088%
46	11.105	1509	1512	1515	rVB4	9766	13209	0.20%	0.020%
47	11.178	1520	1524	1528	rBV	20240	31051	0.47%	0.048%
48	11.227	1528	1532	1536	rBV2	45496	80939	1.22%	0.125%
49	11.288	1538	1542	1543	rBV3	28401	34660	0.52%	0.053%
50	11.343	1546	1551	1553	rBV2	41678	69648	1.05%	0.107%
51	11.507	1574	1578	1588	rVB2	77783	155714	2.34%	0.240%
52	11.629	1590	1598	1606	rBV	1320602	2247949	33.83%	3.464%
53	11.727	1611	1614	1617	rVB	21070	29921	0.45%	0.046%
54	11.831	1623	1631	1634	rBV4	49012	118939	1.79%	0.183%
55	11.873	1634	1638	1641	rVB2	57352	87105	1.31%	0.134%
56	11.965	1651	1653	1655	rBV3	11806	12841	0.19%	0.020%
57	12.056	1664	1668	1673	rVB4	41477	67911	1.02%	0.105%
58	12.135	1674	1681	1683	rBV4	138021	258669	3.89%	0.399%
59	12.245	1692	1699	1704	rVB	162298	299215	4.50%	0.461%
60	12.361	1704	1718	1725	rBV4	217174	800850	12.05%	1.234%
61	12.611	1752	1759	1766	rVB4	69835	170348	2.56%	0.262%
62	12.690	1766	1772	1778	rBV	508875	916080	13.79%	1.411%
63	12.775	1783	1786	1793	rVB5	165241	297360	4.48%	0.458%
64	12.855	1793	1799	1803	rBV6	134866	316604	4.77%	0.488%
65	12.940	1804	1813	1817	rBV6	417331	1270478	19.12%	1.957%
66	12.989	1818	1821	1831	rVV6	388543	1102042	16.59%	1.698%
67	13.074	1832	1835	1839	rVV	217514	319521	4.81%	0.492%
68	13.123	1839	1843	1846	rVV3	162504	268299	4.04%	0.413%
69	13.160	1846	1849	1856	rVB3	239447	404263	6.08%	0.623%
70	13.288	1866	1870	1875	rVB2	242655	330209	4.97%	0.509%
71	13.336	1875	1878	1882	rBV	210592	287336	4.32%	0.443%
72	13.446	1887	1896	1899	rBV7	449186	976859	14.70%	1.505%
73	13.483	1899	1902	1908	rVB4	208291	294414	4.43%	0.454%
74	13.556	1909	1914	1918	rBV	710327	1114625	16.78%	1.717%
75	13.696	1931	1937	1942	rBV4	216555	506475	7.62%	0.780%
76	13.873	1956	1966	1969	rBV2	814100	2392813	36.01%	3.687%

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 Title : SFAM01.0

77	13.922	1970	1974	1979	rVB4	307762	525335	7.91%	0.809%
78	13.976	1979	1983	1986	rBV2	356576	490020	7.38%	0.755%
79	14.019	1986	1990	1994	rBV3	308599	654615	9.85%	1.009%
80	14.123	2005	2007	2014	rVB2	521963	807424	12.15%	1.244%
81	14.190	2014	2018	2022	rBV4	385433	586520	8.83%	0.904%
82	14.257	2023	2029	2035	rBV4	570803	1060198	15.96%	1.633%
83	14.312	2035	2038	2042	rBV4	211935	349058	5.25%	0.538%
84	14.385	2043	2050	2054	rBV3	1093223	1955324	29.43%	3.013%
85	14.495	2064	2068	2070	rBV4	184621	318678	4.80%	0.491%
86	14.543	2073	2076	2081	rVB3	513055	798138	12.01%	1.230%
87	14.653	2091	2094	2098	rVB	305076	371064	5.58%	0.572%
88	14.732	2104	2107	2112	rBV6	290376	452610	6.81%	0.697%
89	14.793	2112	2117	2119	rBV2	941010	1602097	24.11%	2.468%
90	14.836	2119	2124	2135	rVB4	2457370	6475495	97.46%	9.977%
91	15.117	2167	2170	2172	rBV3	279335	325034	4.89%	0.501%
92	15.257	2191	2193	2198	rVB3	760706	1080788	16.27%	1.665%
93	15.318	2198	2203	2210	rVB	4163043	6644069	100.00%	10.237%
94	15.391	2210	2215	2220	rBV5	543146	1190392	17.92%	1.834%
95	15.568	2239	2244	2249	rBV6	568540	1417101	21.33%	2.183%
96	15.623	2250	2253	2255	rBV3	360162	502737	7.57%	0.775%
97	15.720	2265	2269	2275	rVB	1118865	2032396	30.59%	3.131%
98	16.208	2346	2349	2354	rVB3	538081	856353	12.89%	1.319%
99	16.275	2354	2360	2368	rVB	2486289	4755259	71.57%	7.327%
100	16.531	2398	2402	2407	rVB2	451683	745647	11.22%	1.149%

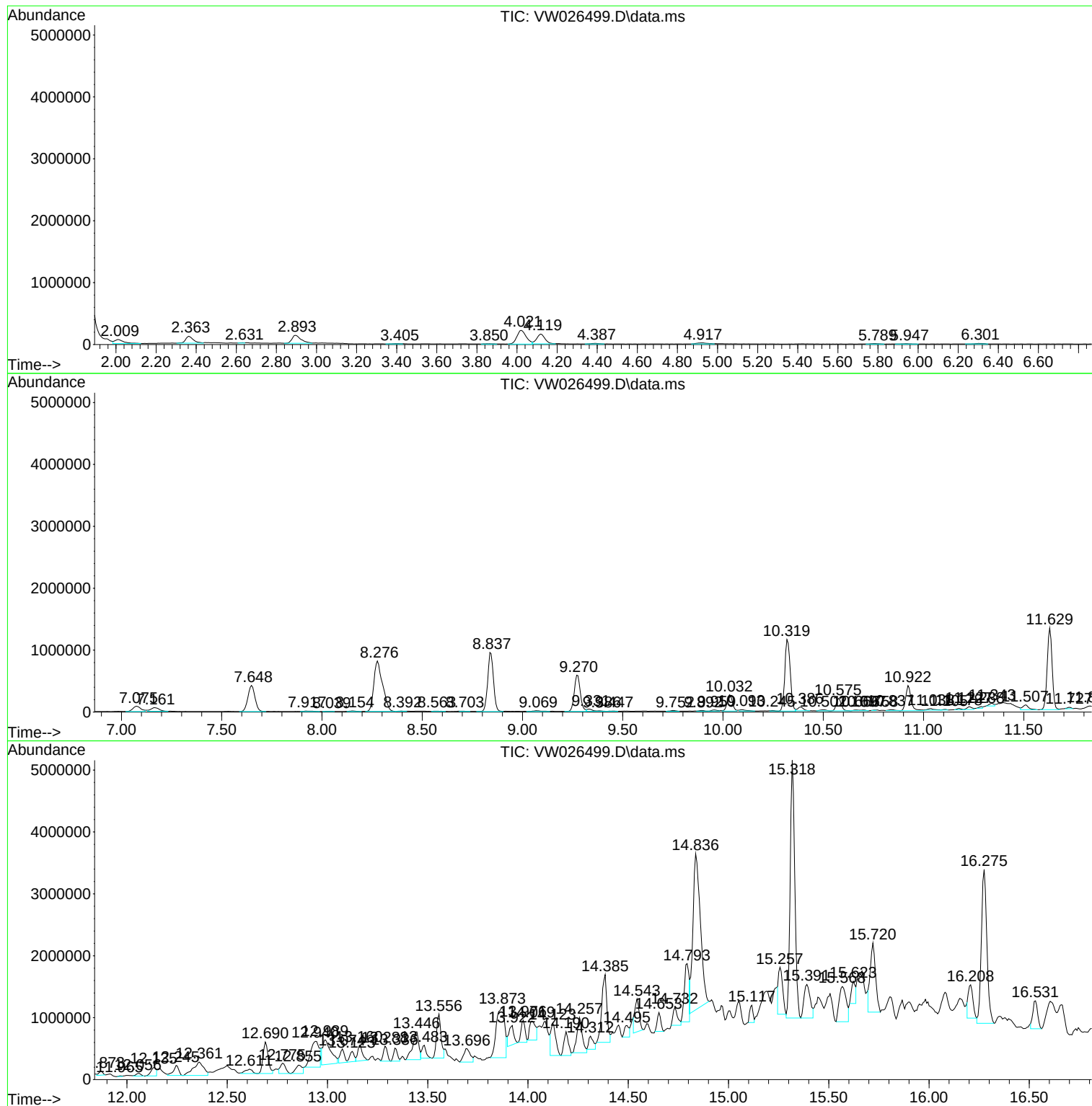
Sum of corrected areas: 64903917

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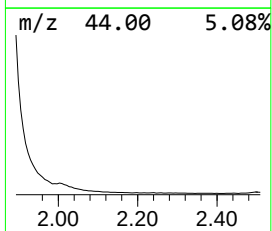
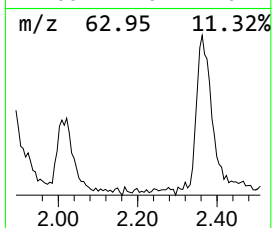
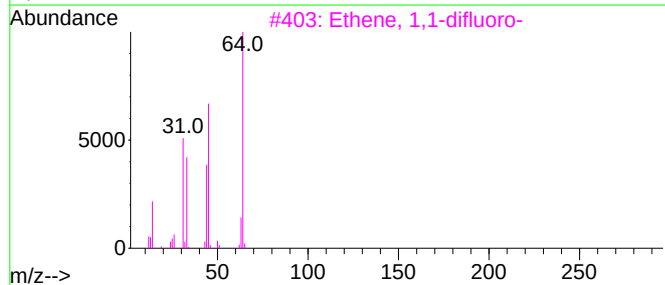
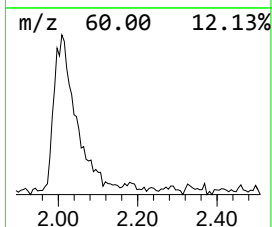
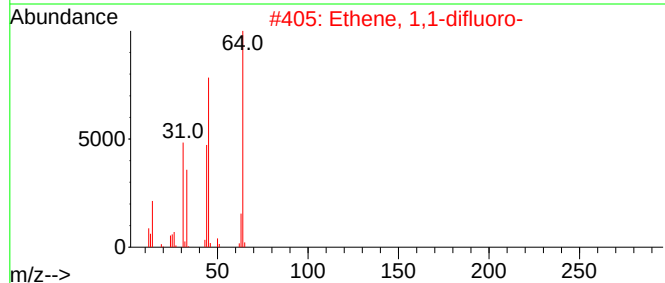
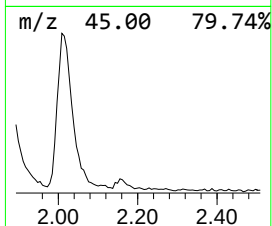
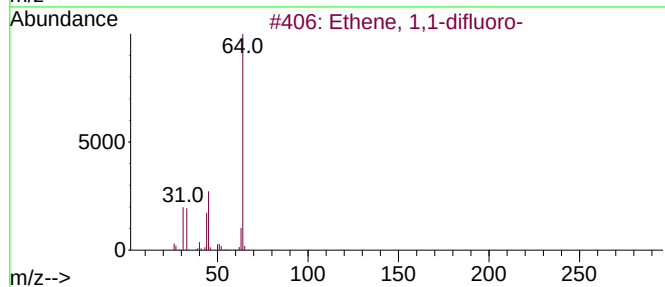
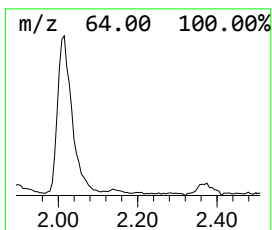
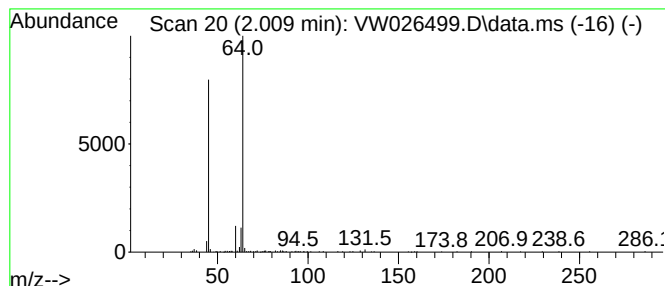
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Ethene, 1,1-difluoro- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.009	2.57 ug/L	193766	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	74
2			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	74
3			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	74
4			Paraldehyde	132	C6H12O3	000123-63-7	9
5			Paraldehyde	132	C6H12O3	000123-63-7	9



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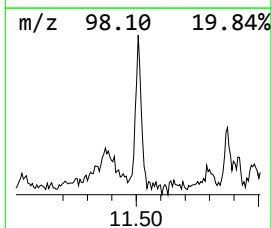
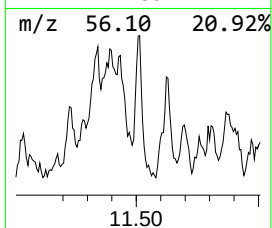
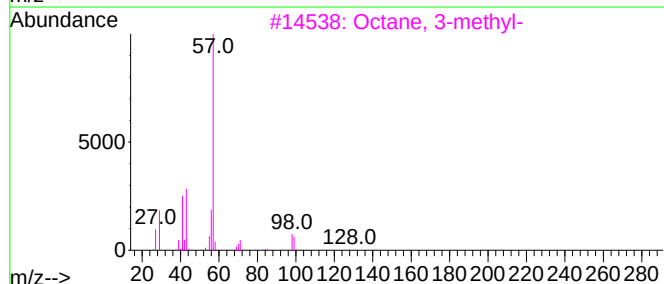
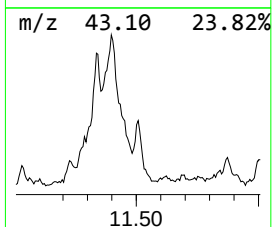
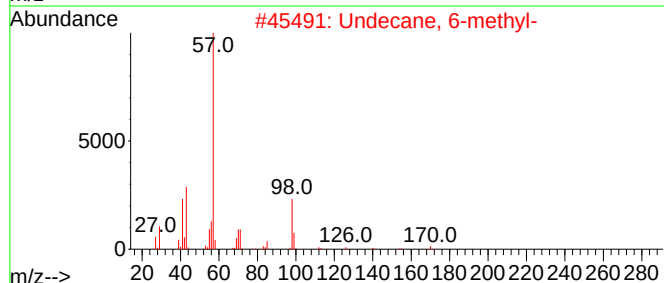
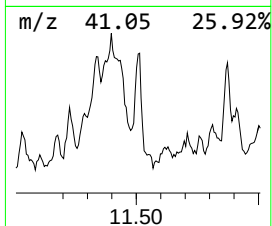
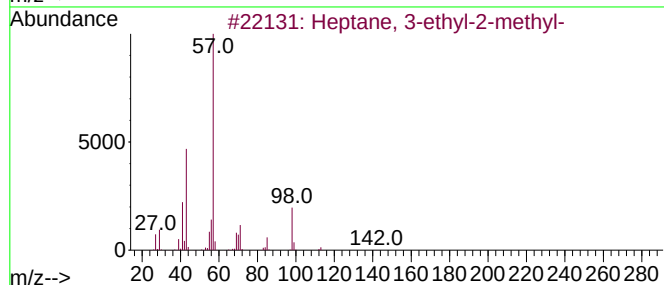
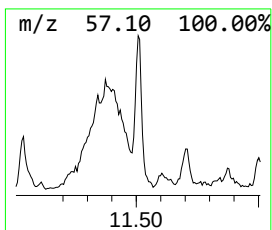
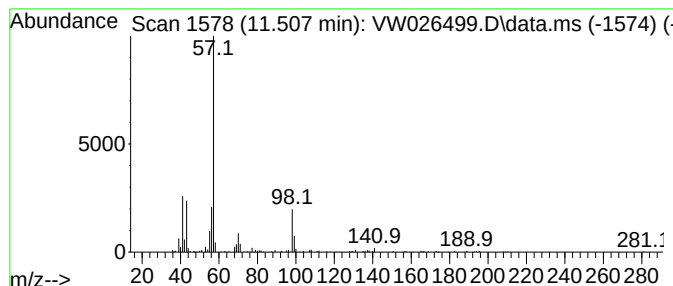
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.507	1.73 ug/L	155714	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	50
2	Undecane, 6-methyl-		170	C12H26	017302-33-9	50
3	Octane, 3-methyl-		128	C9H20	002216-33-3	49
4	Undecane, 6-methyl-		170	C12H26	017302-33-9	47
5	Octane, 3-methyl-		128	C9H20	002216-33-3	45



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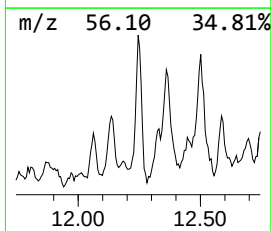
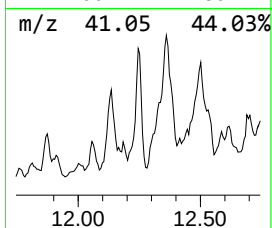
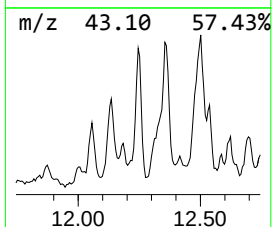
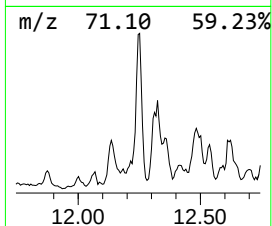
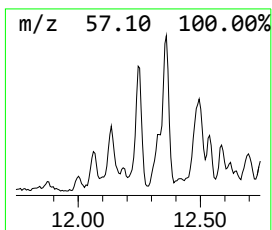
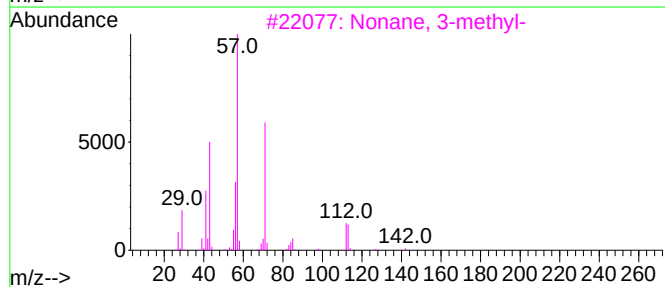
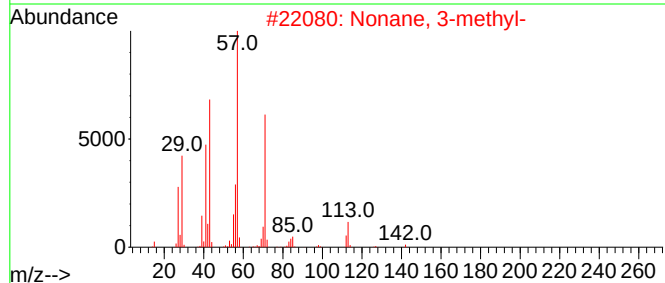
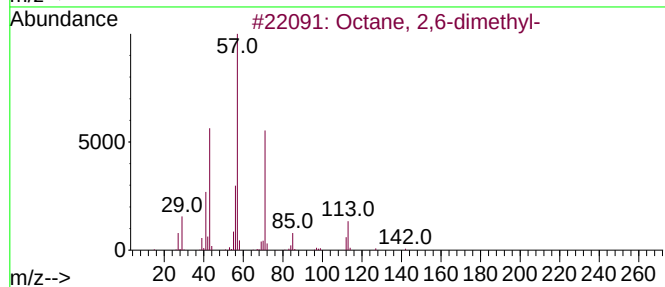
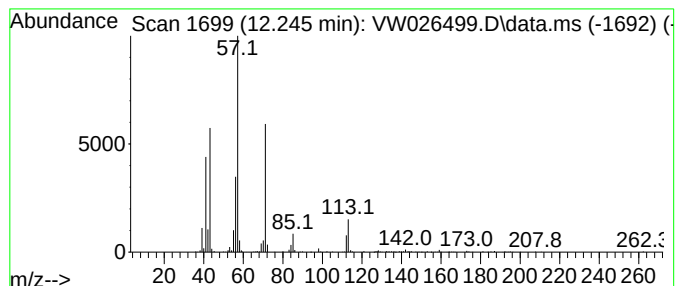
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	3.33 ug/L	299215	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	Nonane, 3-methyl-			142	C10H22	005911-04-6	91
3	Nonane, 3-methyl-			142	C10H22	005911-04-6	90
4	Nonane, 3-methyl-			142	C10H22	005911-04-6	90
5	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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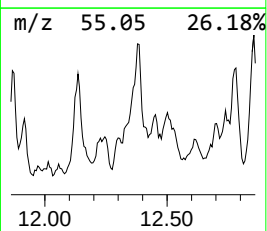
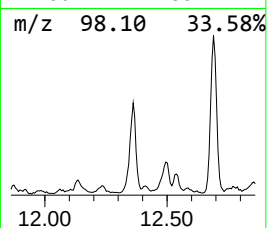
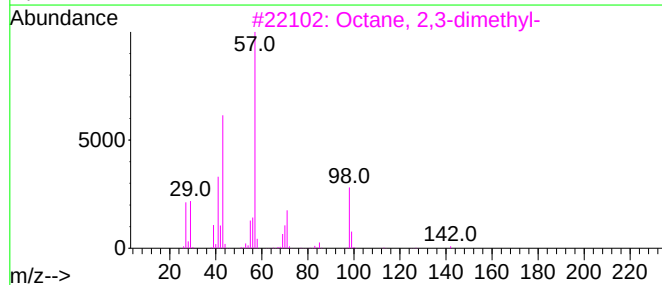
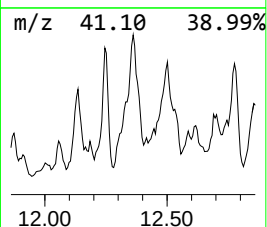
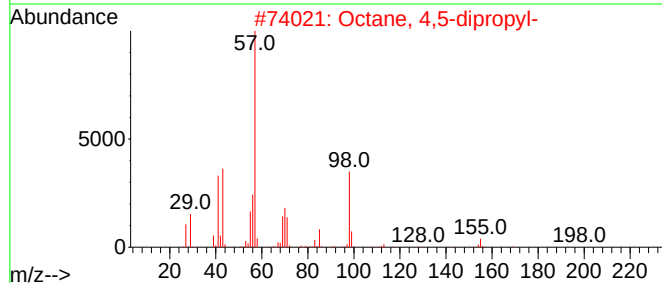
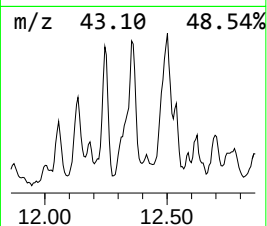
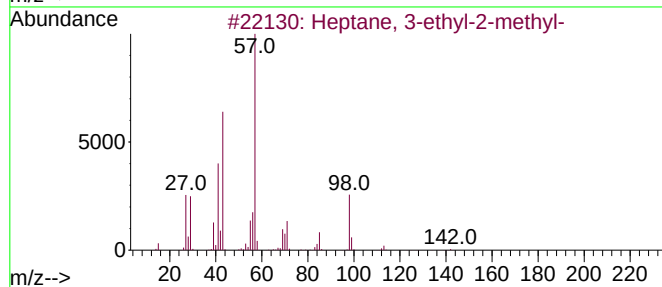
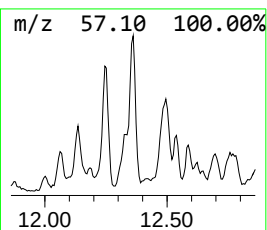
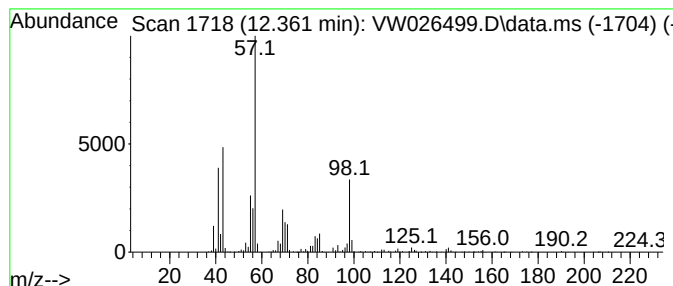
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	8.91 ug/L	800850	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
2			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	72
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
5			Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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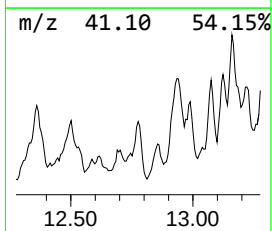
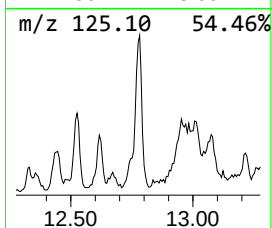
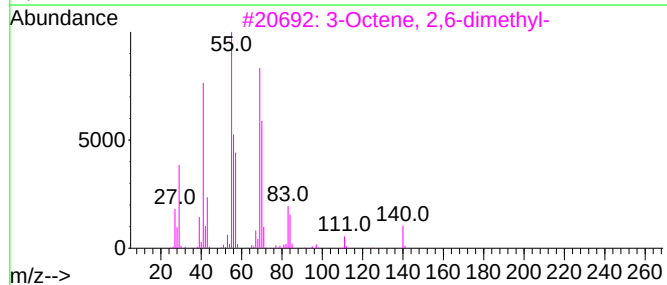
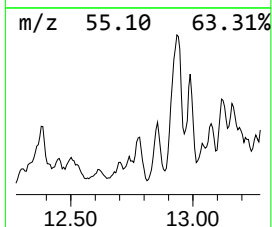
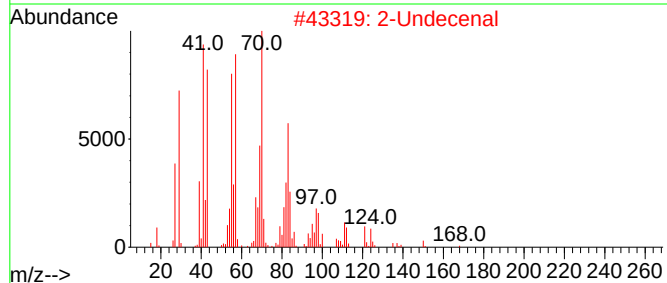
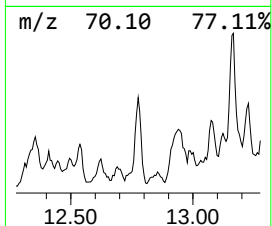
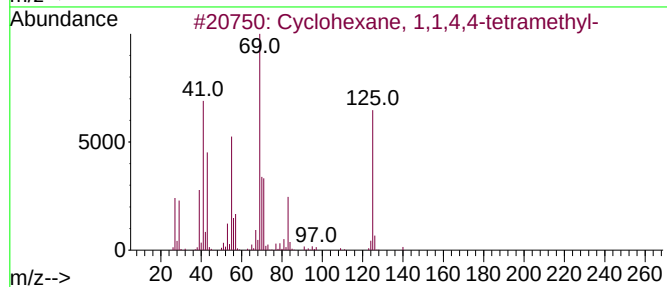
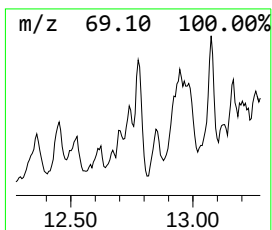
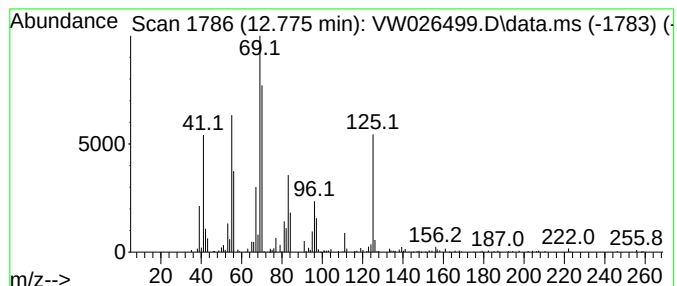
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic12.775 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	6.67 ug/L	297360	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	47
2			2-Undecenal	168	C11H20O	002463-77-6	38
3			3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	38
4			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	35
5			1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

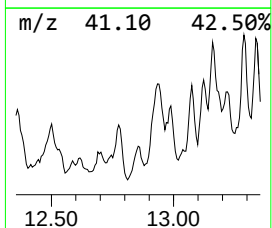
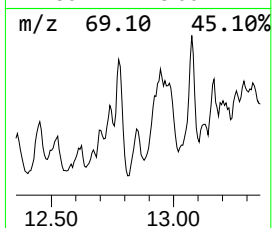
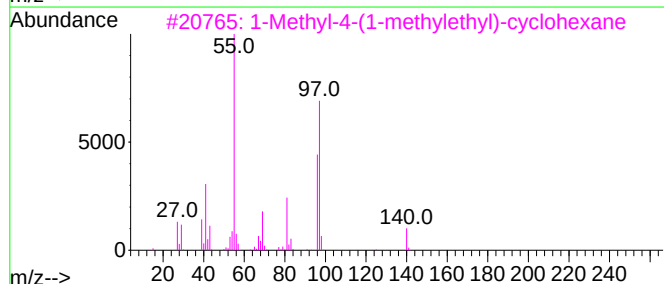
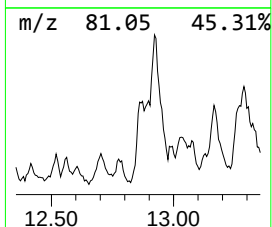
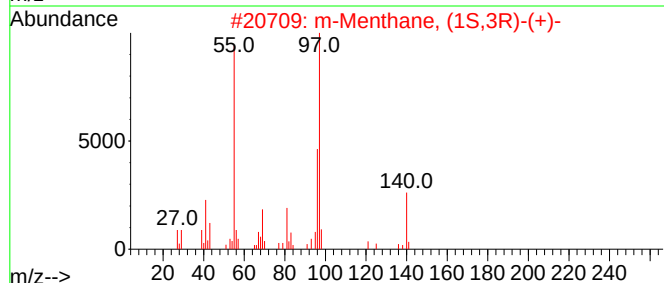
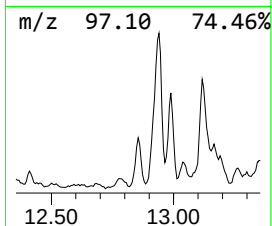
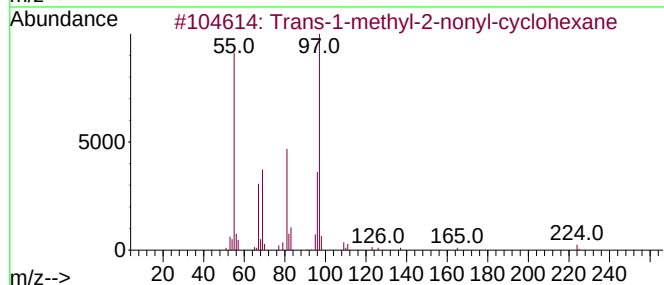
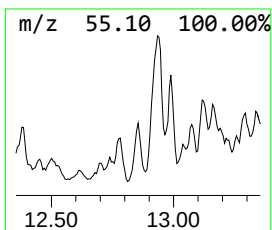
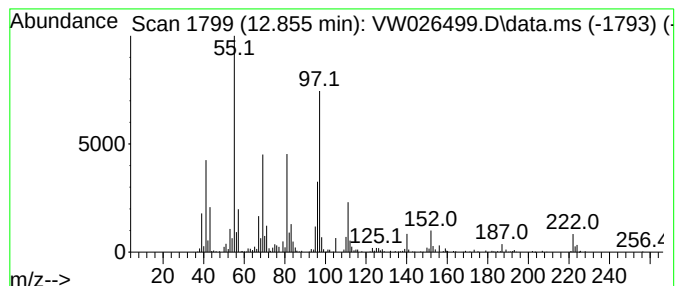
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.855 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	7.10 ug/L	316604	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	68
2			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	64
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58
4			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	58
5			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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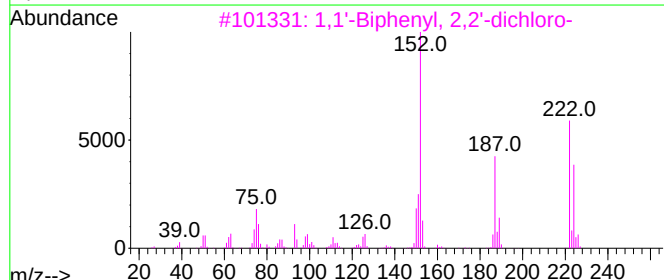
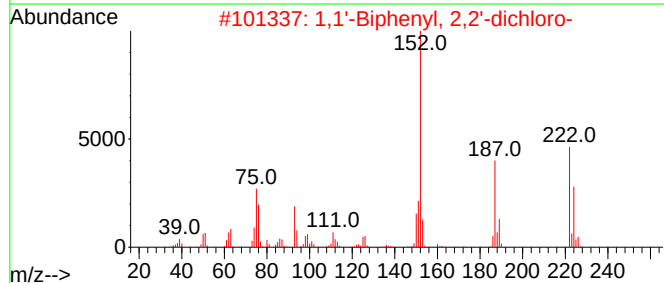
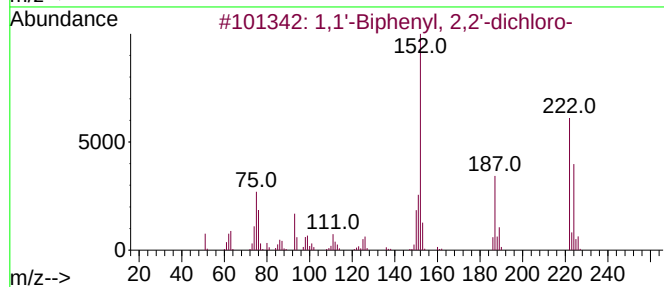
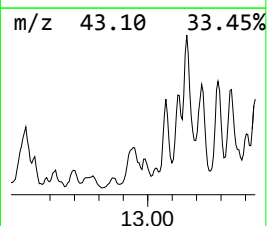
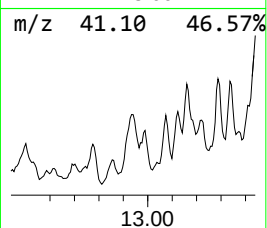
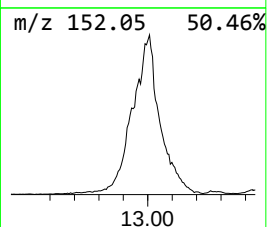
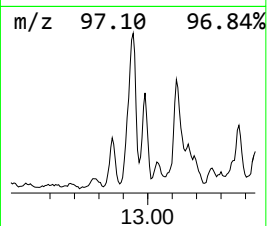
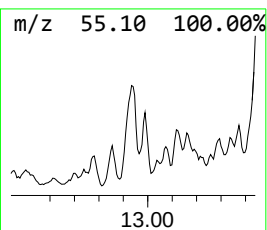
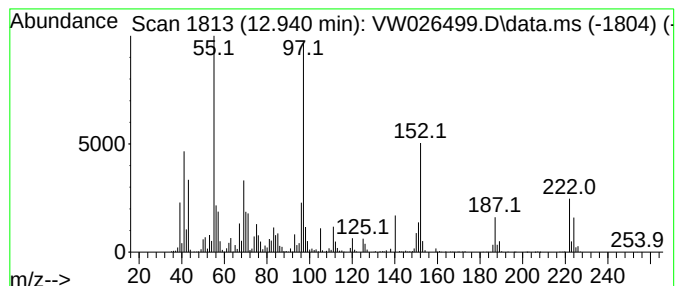
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Quant Title : SFAM01.0

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

Peak Number 9 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	28.50 ug/L	1270480	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95		
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	94		
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	92		
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	91		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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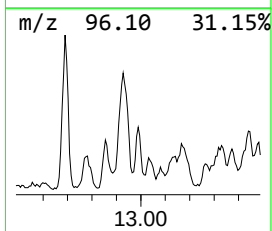
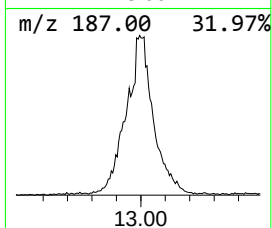
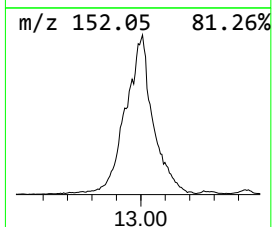
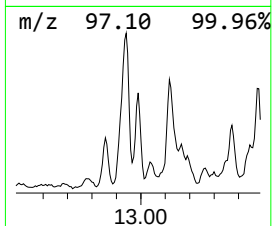
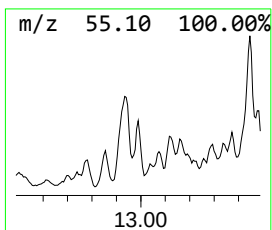
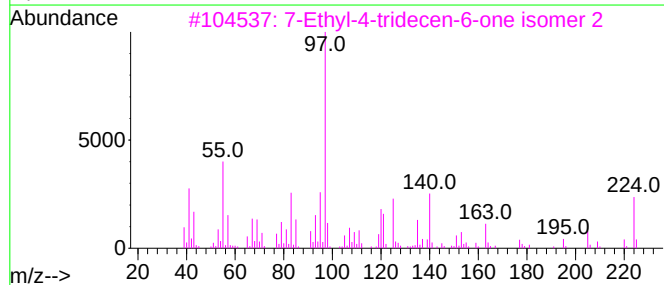
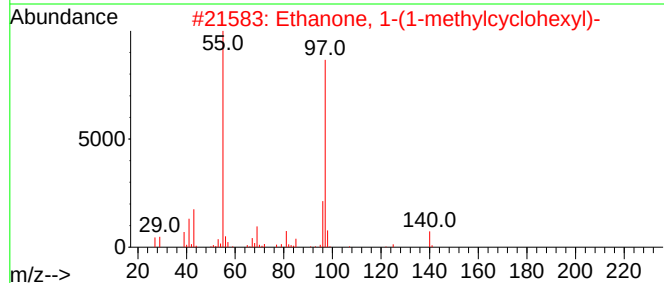
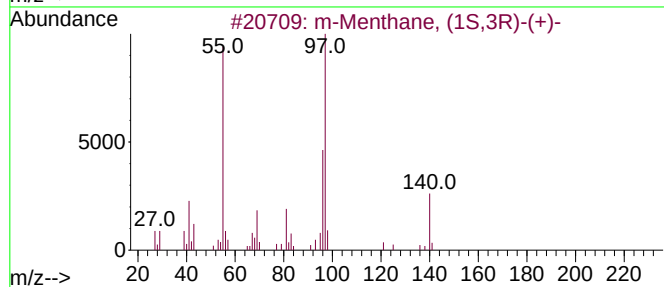
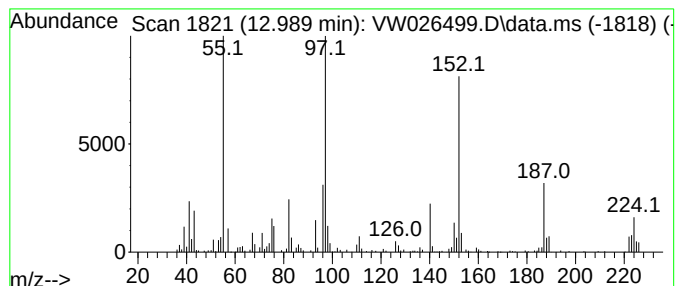
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	24.72 ug/L	1102040	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	43
2			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	38
3			7-Ethyl-4-tridecen-6-one isomer 2	224	C15H28O	1000374-07-6	35
4			Decahydrobenzopyran	140	C9H16O	1000429-74-9	30
5			Semustine	247	C10H18ClN3O2	013909-09-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

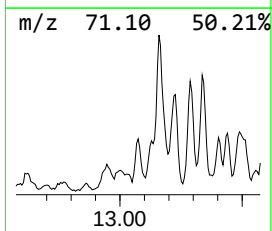
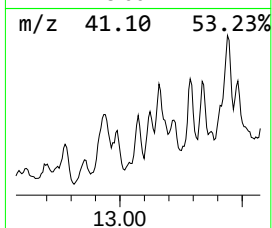
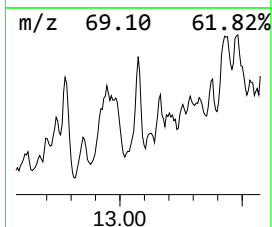
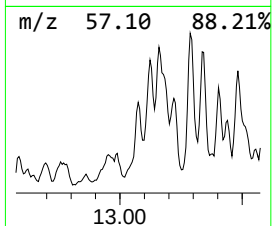
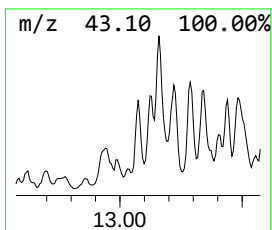
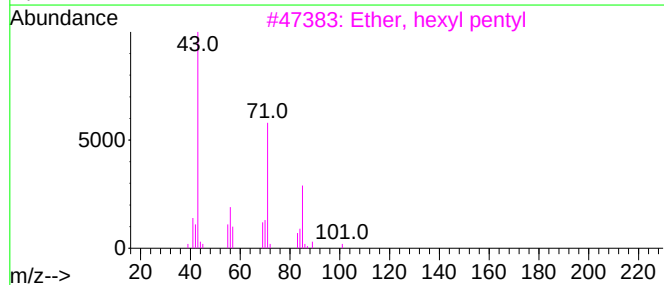
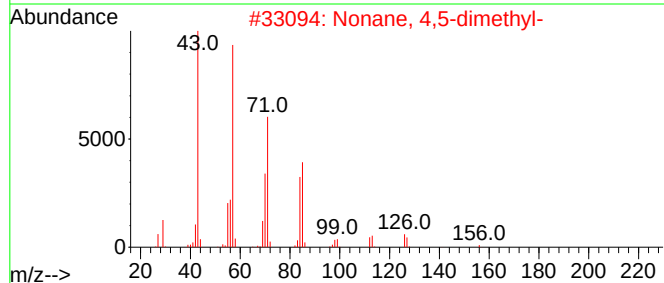
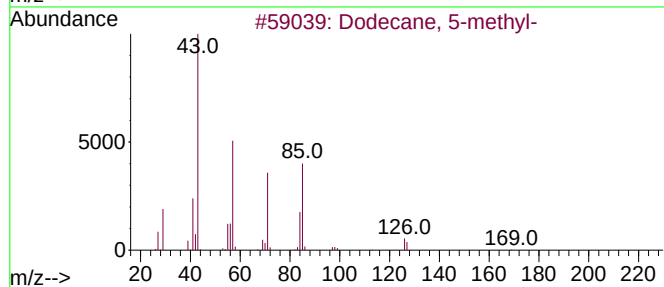
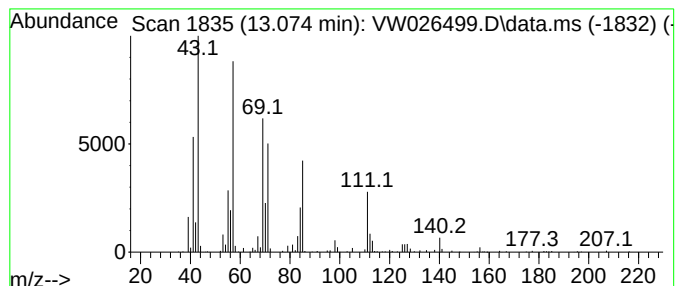
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.074	7.17 ug/L	319521	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 5-methyl-		184	C13H28	017453-93-9	59
2	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	53
3	Ether, hexyl pentyl		172	C11H24O	032357-83-8	50
4	Decane, 5-methyl-		156	C11H24	013151-35-4	49
5	Undecane, 5-methyl-		170	C12H26	001632-70-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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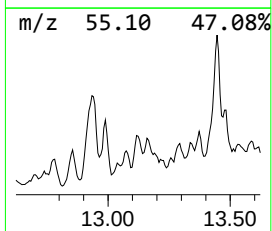
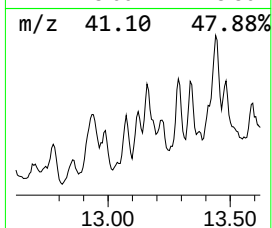
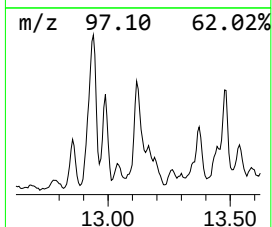
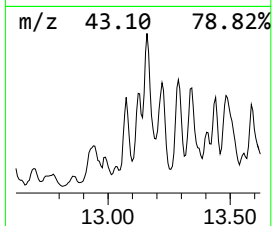
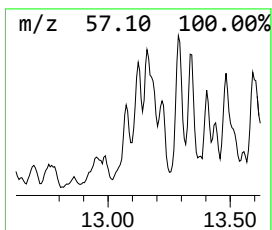
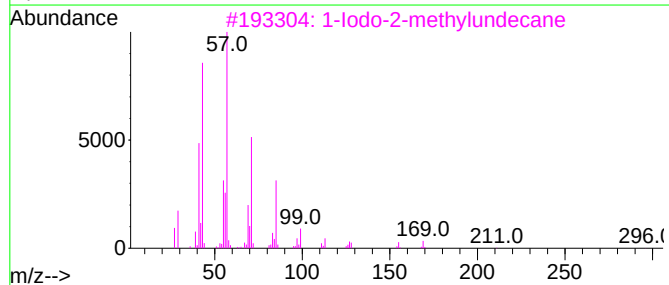
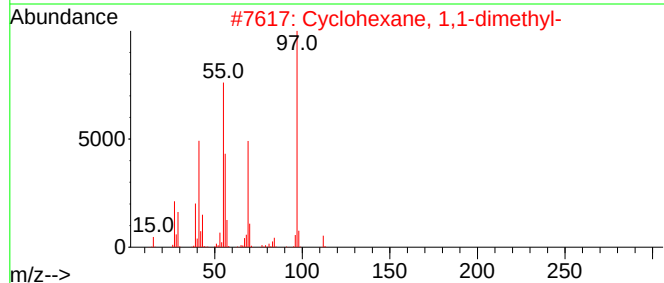
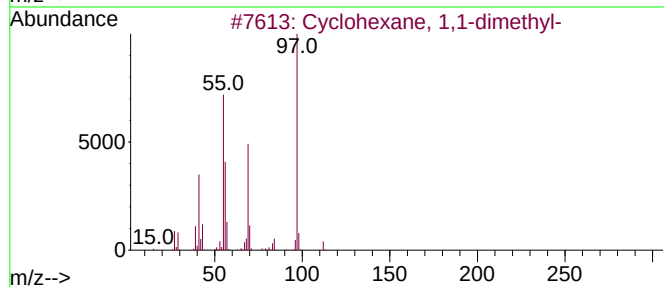
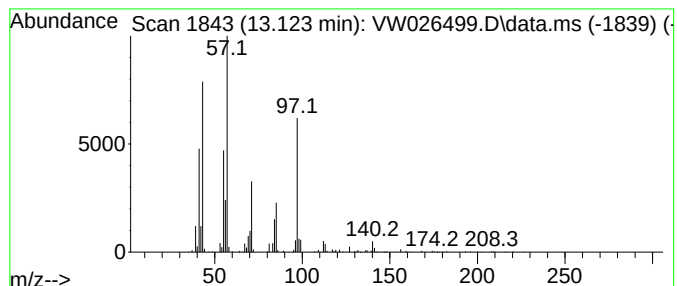
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic13.123 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	6.02 ug/L	268299	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	45
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	45
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	43
4			Propyl triacontyl ether	481	C33H68O	1000406-28-6	38
5			Dodecane	170	C12H26	000112-40-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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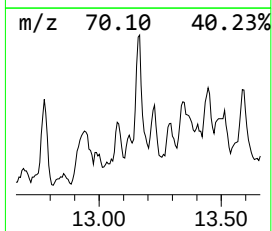
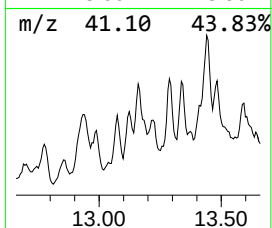
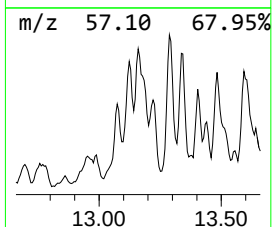
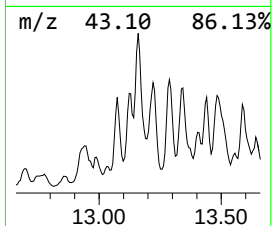
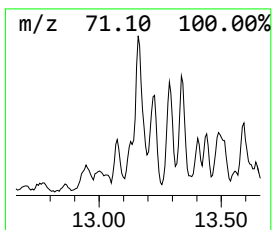
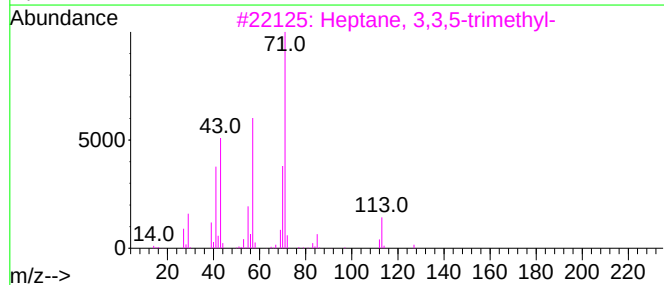
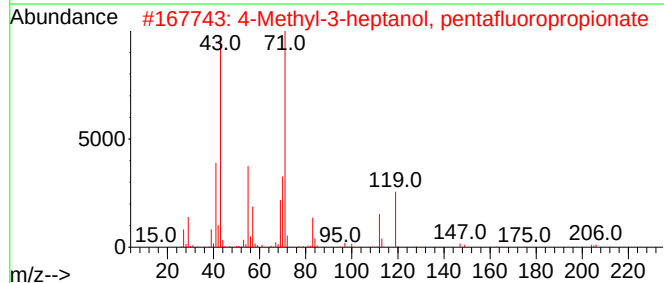
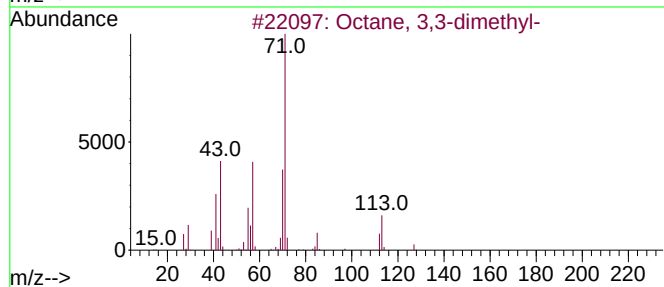
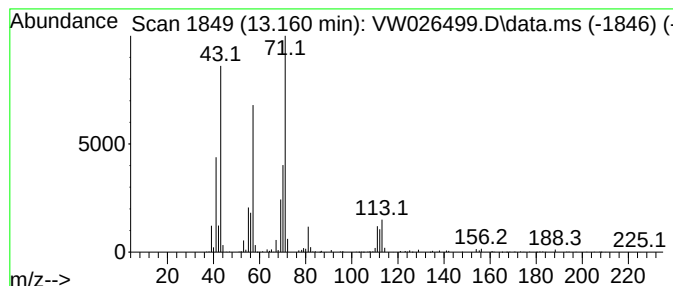
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	9.07 ug/L	404263	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2			4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	64
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

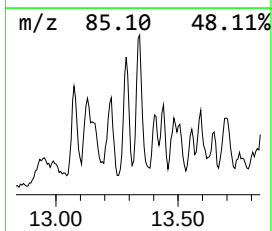
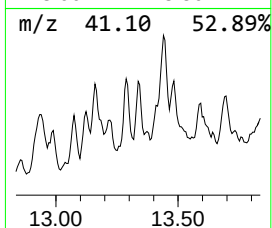
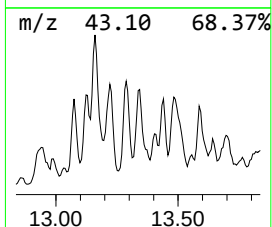
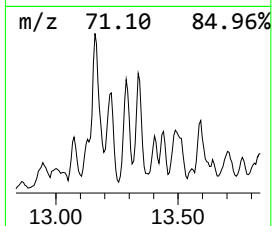
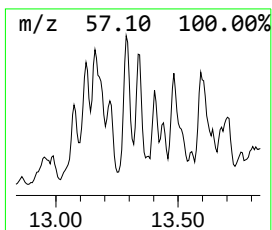
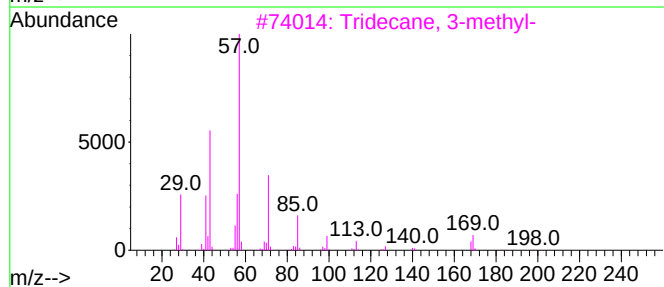
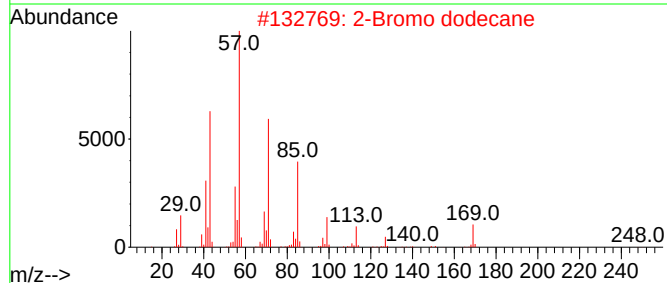
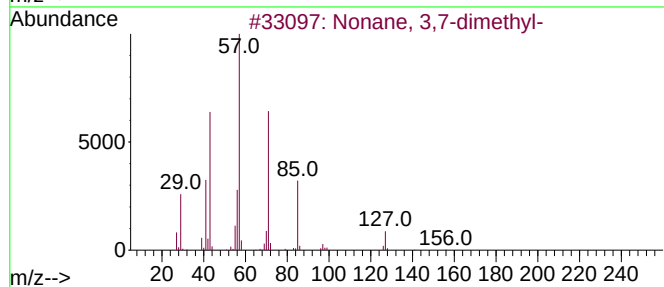
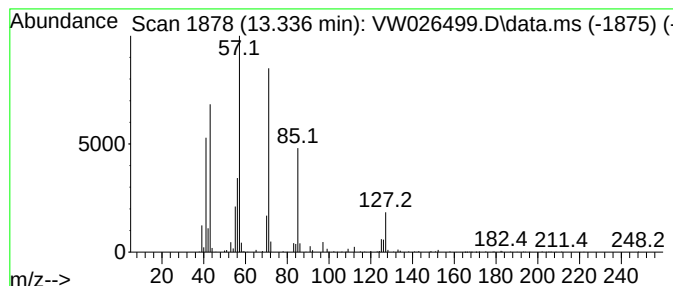
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.336	6.44 ug/L	287336	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	83
2	2-Bromo dodecane		248	C12H25Br	013187-99-0	80
3	Tridecane, 3-methyl-		198	C14H30	006418-41-3	78
4	Sulfurous acid, nonyl pentyl ester		278	C14H30O3S	1000309-14-2	53
5	Dodecane, 3-methyl-		184	C13H28	017312-57-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

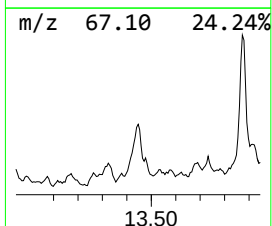
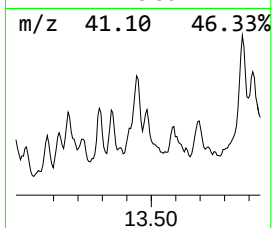
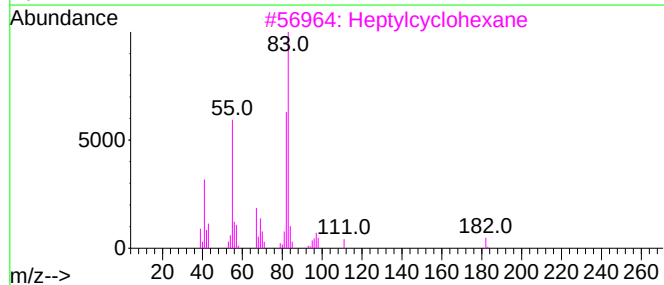
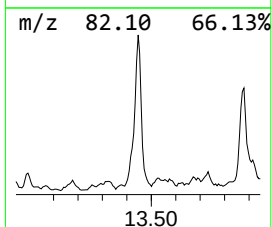
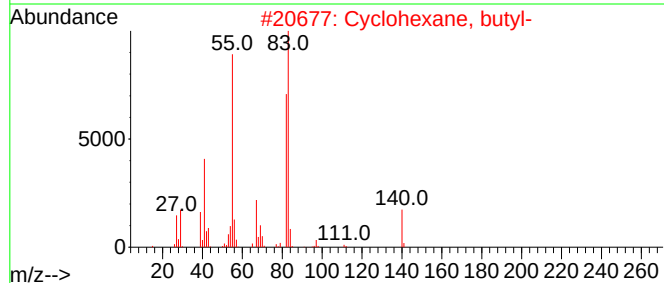
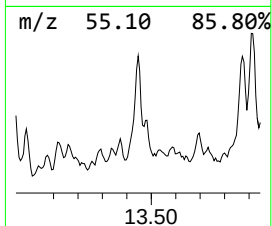
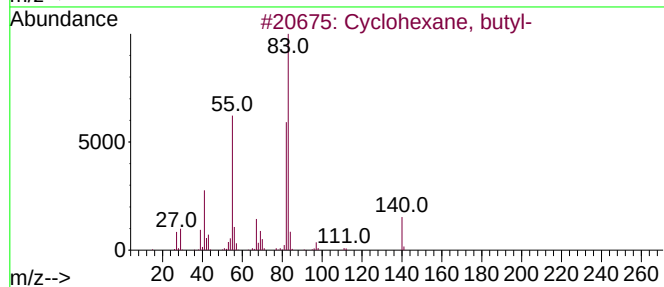
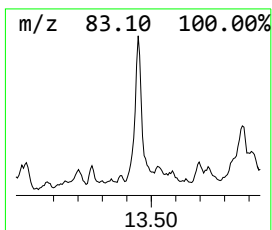
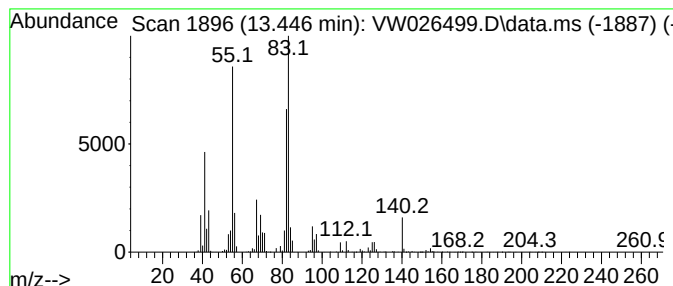
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic13.446 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	21.91 ug/L	976859	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3			Heptylcyclohexane	182	C13H26	005617-41-4	87
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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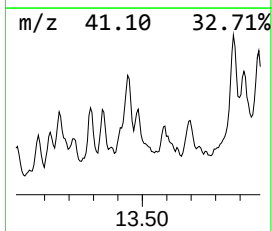
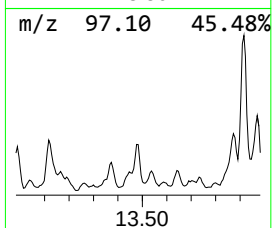
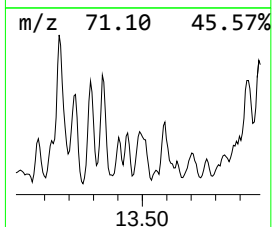
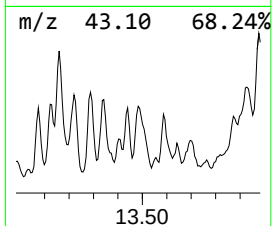
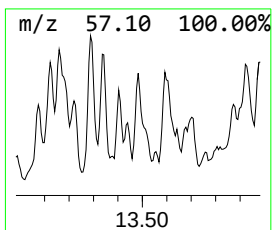
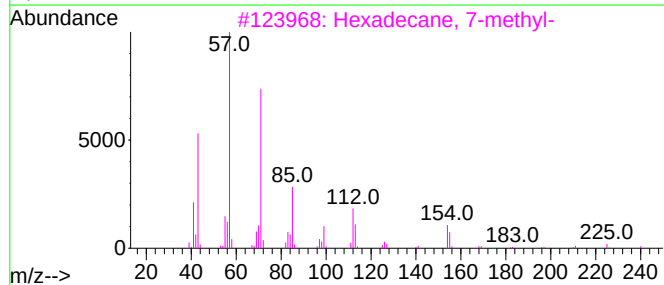
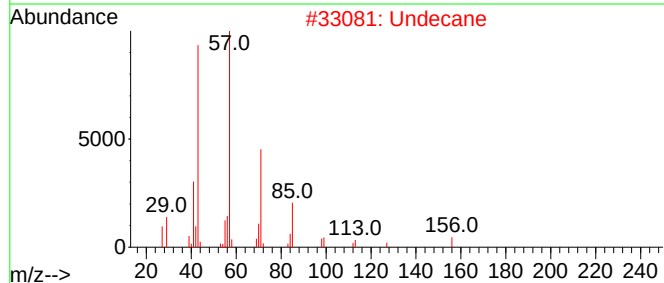
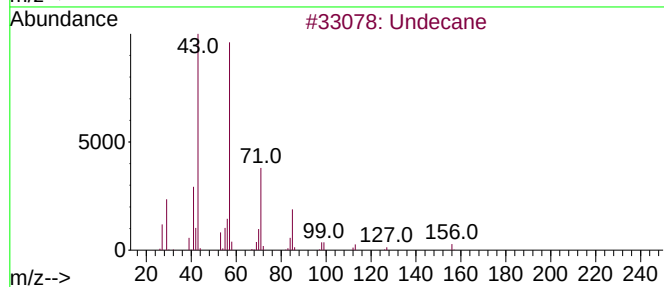
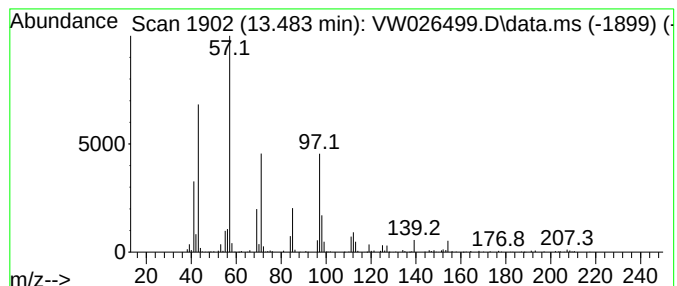
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.483	6.60 ug/L	294414	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	46
2	Undecane			156	C11H24	001120-21-4	46
3	Hexadecane, 7-methyl-			240	C17H36	026730-20-1	43
4	Heptacosane			380	C27H56	000593-49-7	43
5	Dotriacontane			451	C32H66	000544-85-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

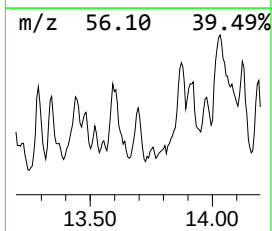
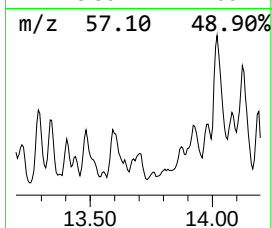
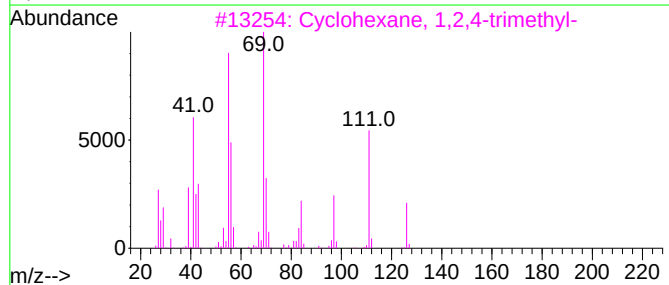
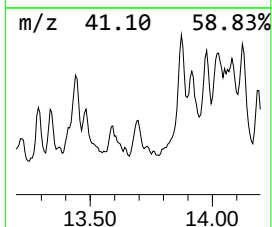
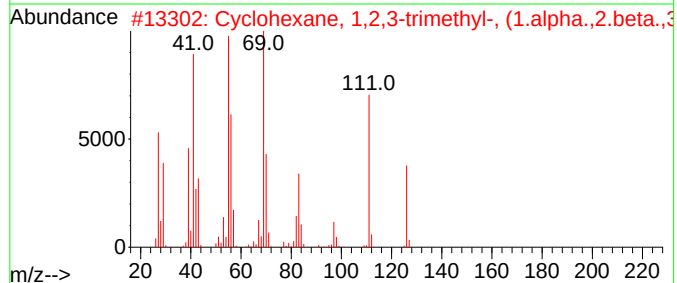
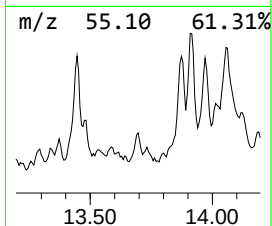
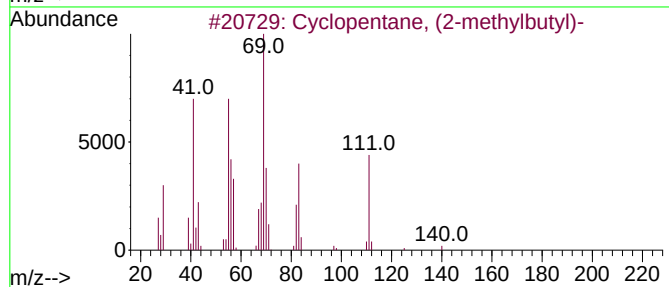
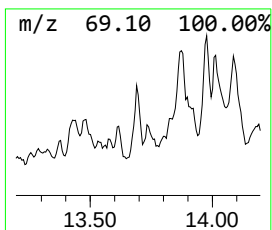
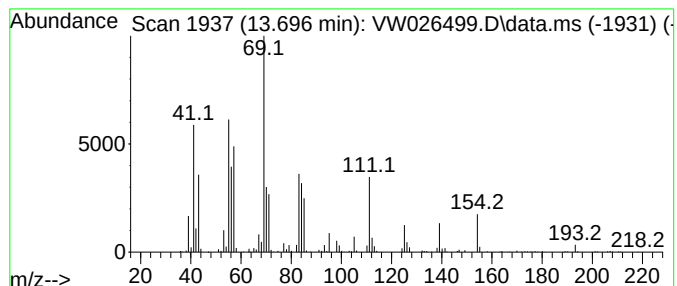
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic13.696 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	11.36 ug/L	506475	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	70
2		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	64
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	52
4		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	49
5		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46Y2

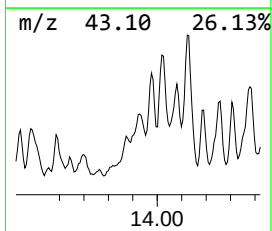
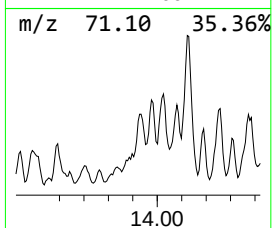
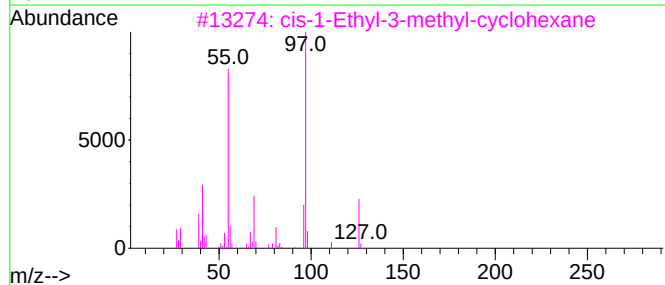
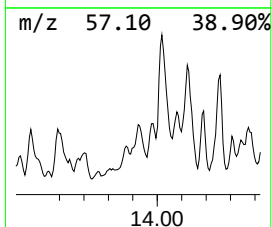
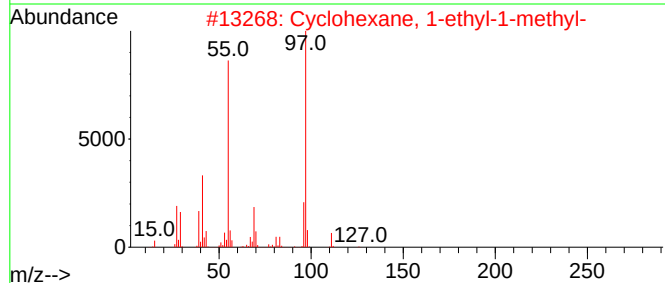
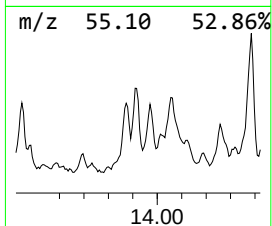
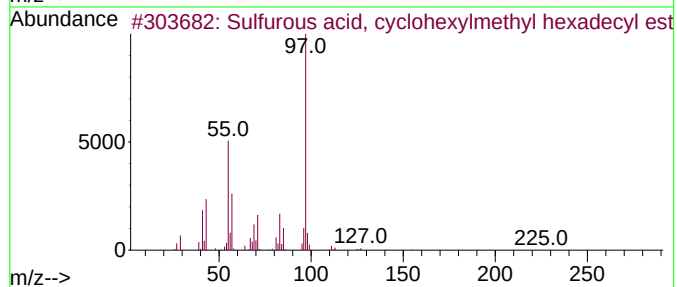
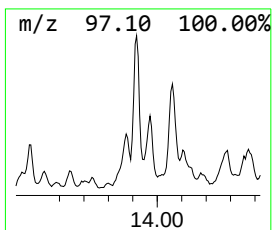
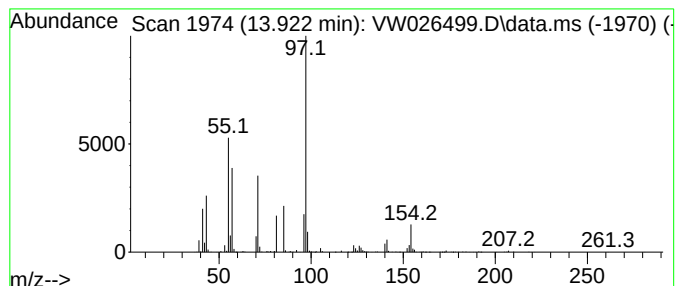
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Quant Title : SFAM01.0

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

Peak Number 18 Sulfurous acid, cyclohexylm... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	11.78 ug/L	525335	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
3			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	47
4			Succinic acid, cyclohexylmethyl ...	284	C16H28O4	1000390-58-5	45
5			Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

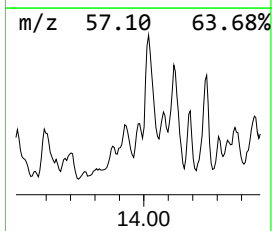
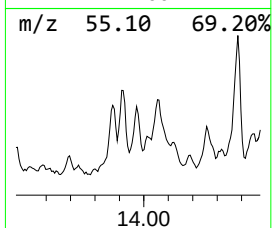
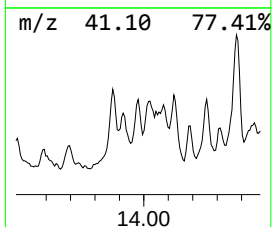
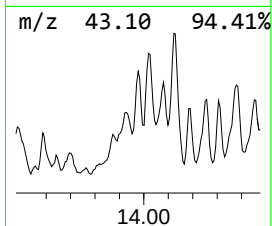
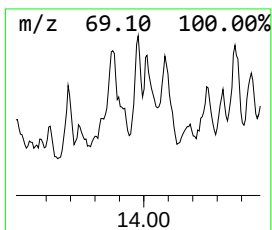
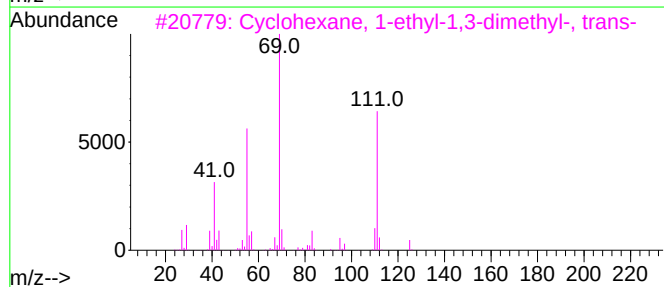
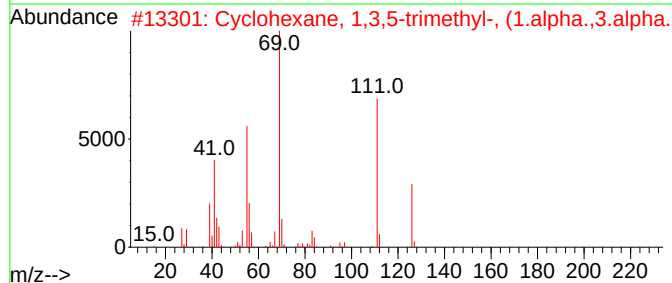
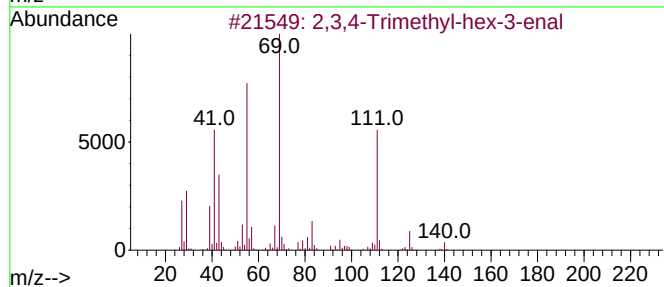
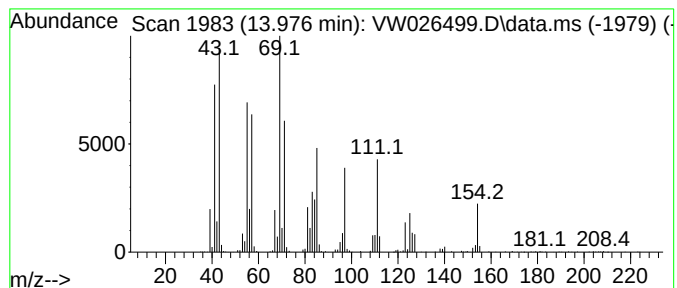
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Quant Title : SFAM01.0

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

Peak Number 19 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	10.99 ug/L	490020	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	30
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	30
3		Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-29-3	27
4		Ethanone, 1-(1,2,2,3-tetramethyl...	168	C11H20O	059642-07-8	27
5		Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

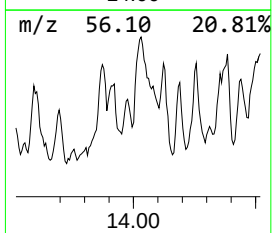
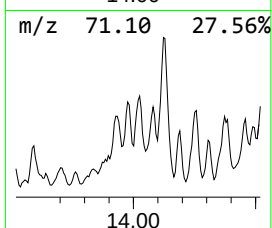
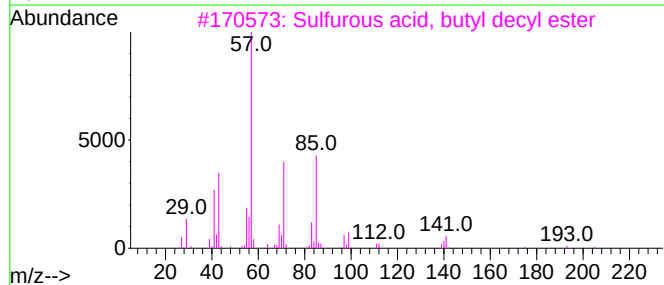
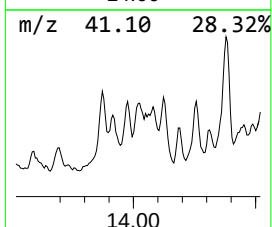
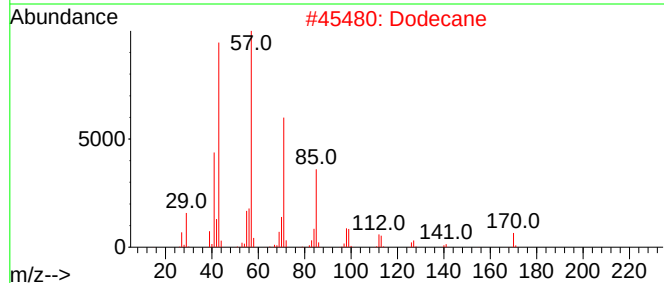
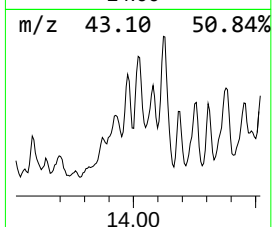
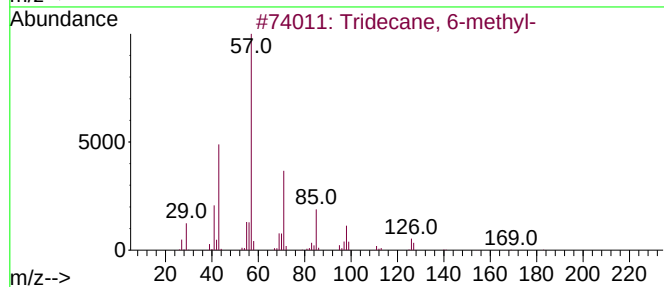
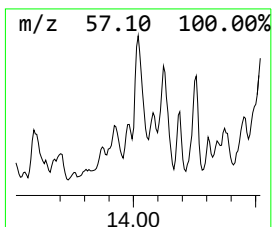
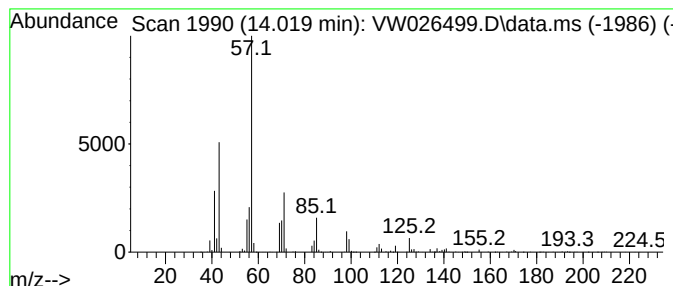
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.019	14.68 ug/L	654615	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
2		Dodecane	170	C12H26	000112-40-3	49
3		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	47
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

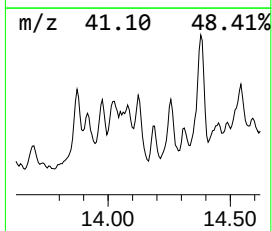
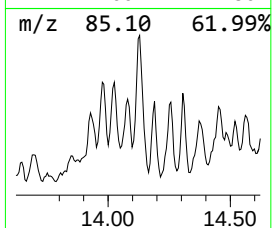
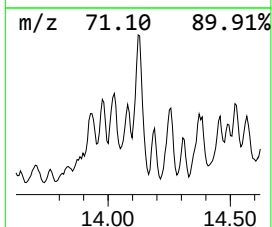
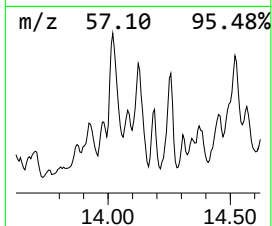
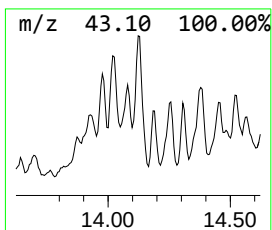
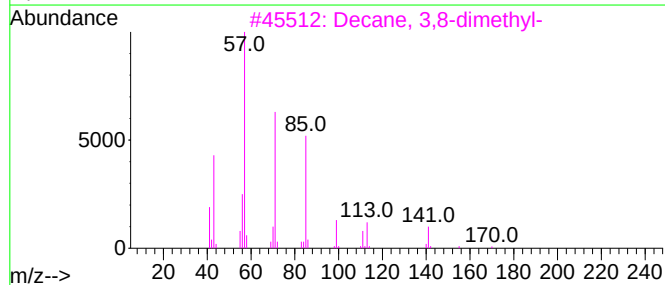
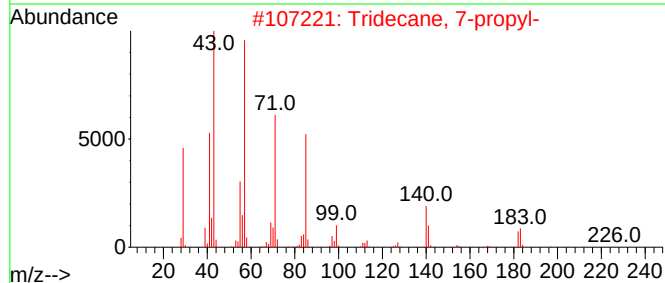
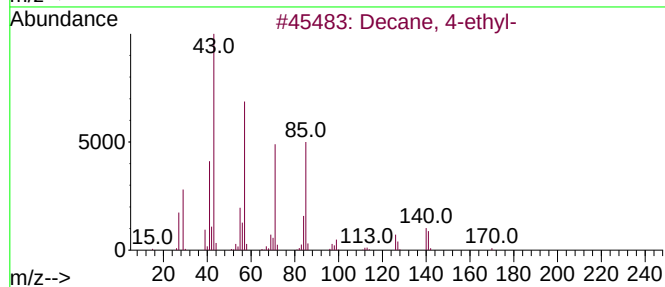
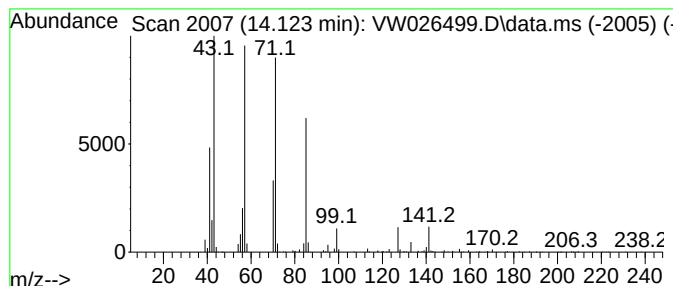
Instrument :
MSVOA_W
ClientSampleId :
A46Y2

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.123	18.11 ug/L	807424	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-		170	C12H26	001636-44-8	83
2	Tridecane, 7-propyl-		226	C16H34	055045-09-5	72
3	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	64
4	Decane, 3,7-dimethyl-		170	C12H26	017312-54-8	64
5	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

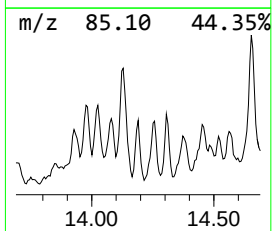
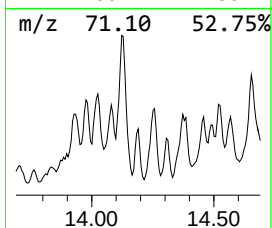
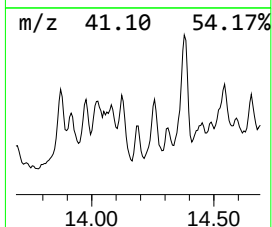
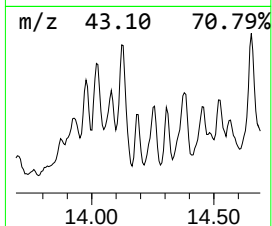
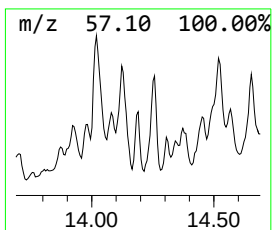
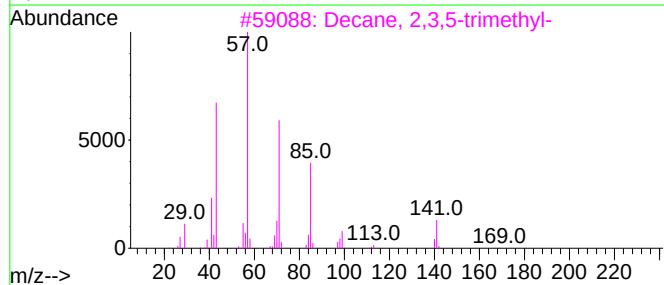
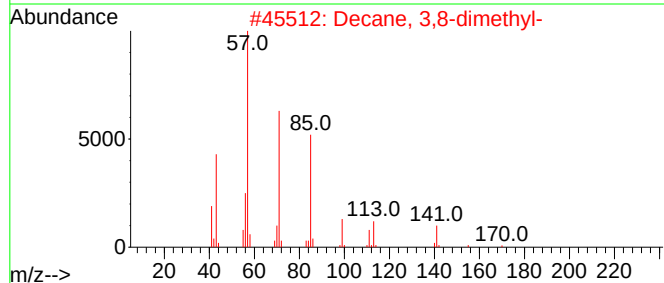
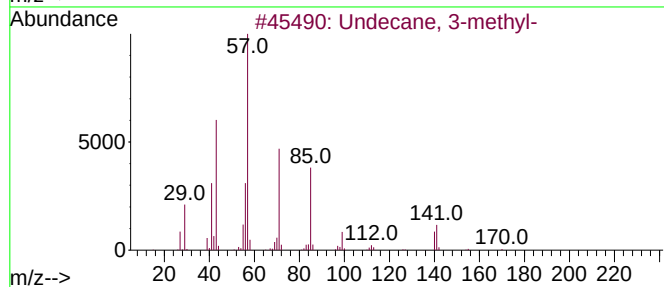
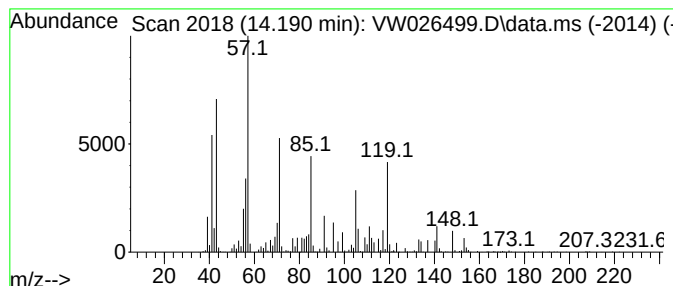
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	13.16 ug/L	586520	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	45
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	38
5			Dodecane	170	C12H26	000112-40-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

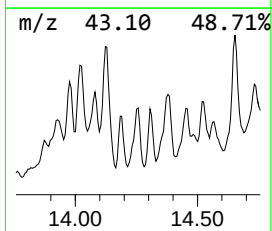
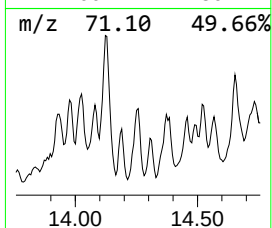
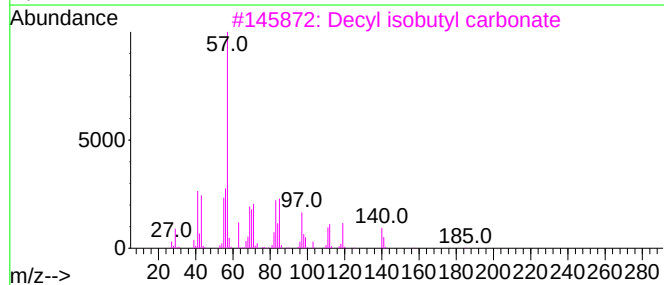
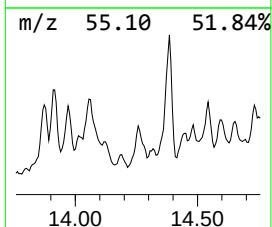
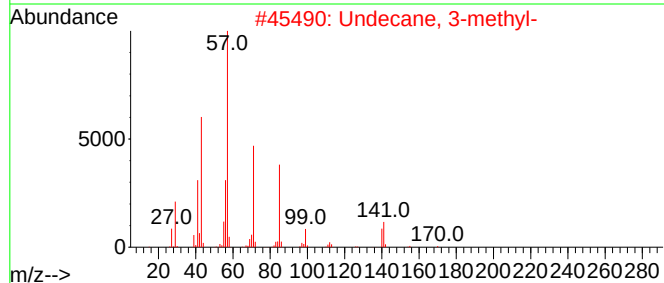
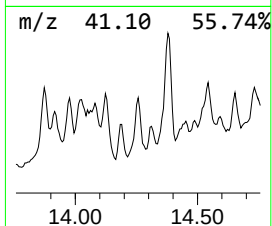
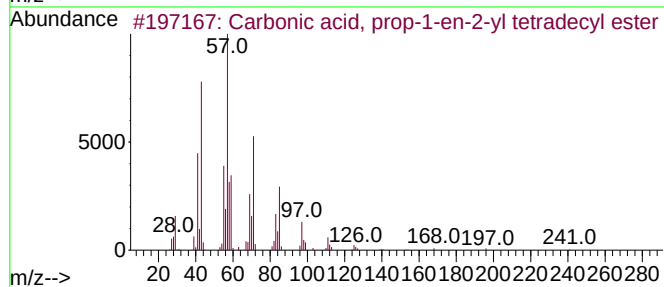
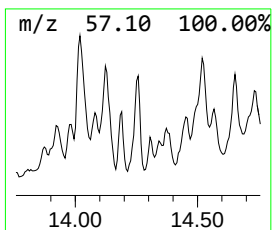
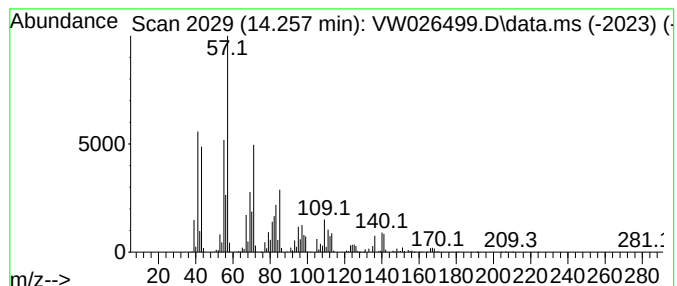
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Quant Title : SFAM01.0

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

Peak Number 23 Carbonic acid, prop-1-en-2-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	23.78 ug/L	1060200	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	72
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3			Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	58
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

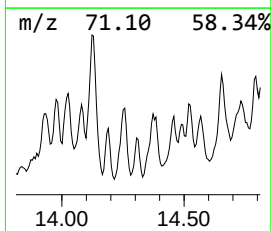
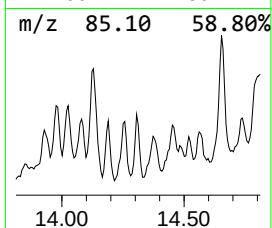
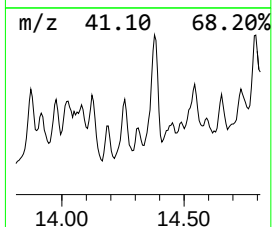
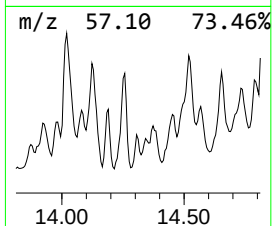
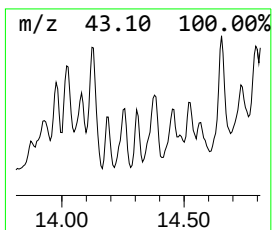
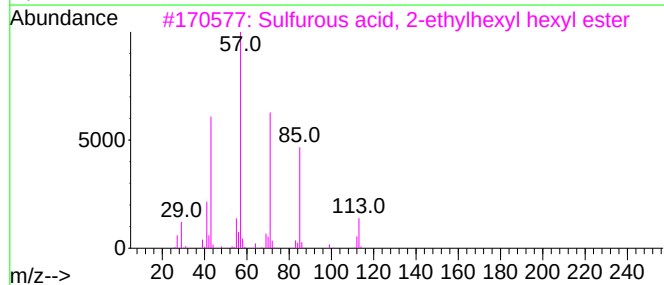
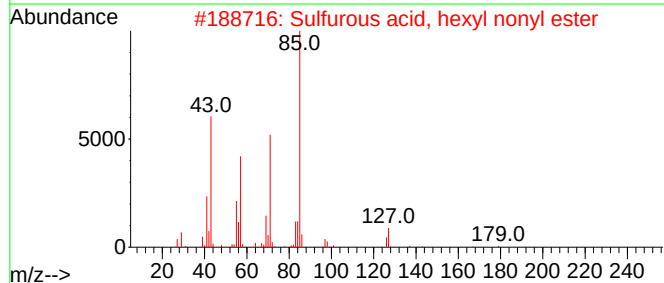
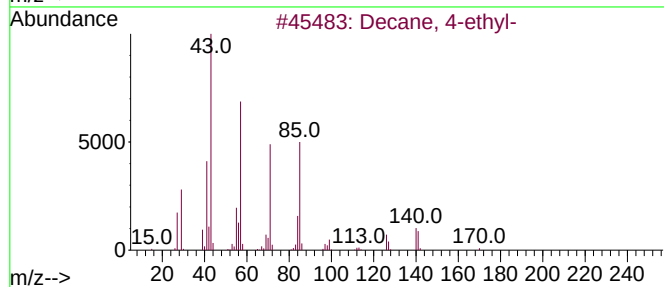
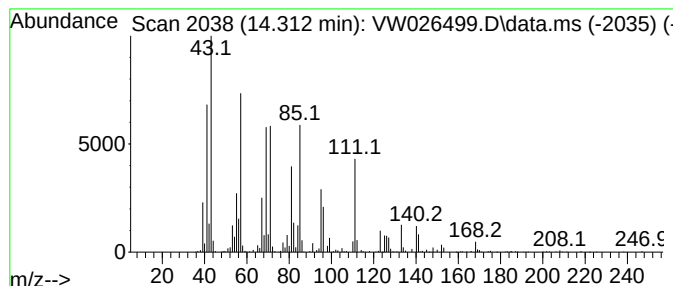
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	7.83 ug/L	349058	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	55
2			Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	27
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	22
4			2,4-Dimethyldodecane	198	C14H30	006117-99-3	22
5			Hexadecane	226	C16H34	000544-76-3	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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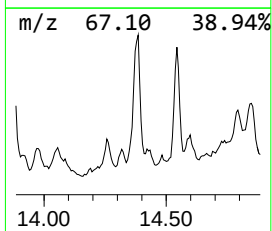
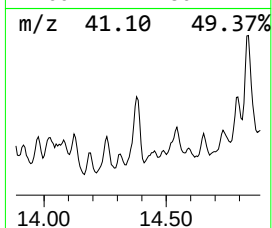
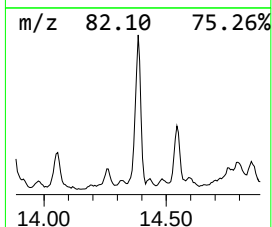
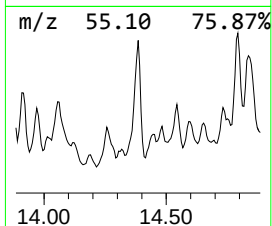
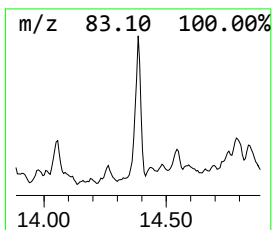
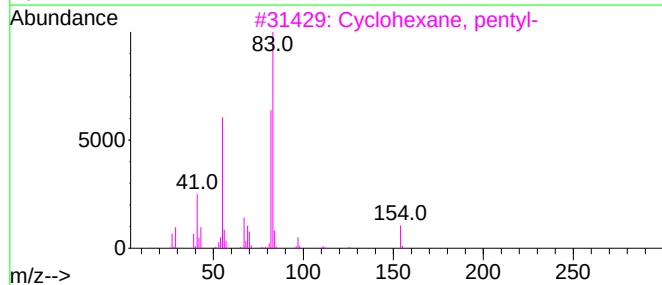
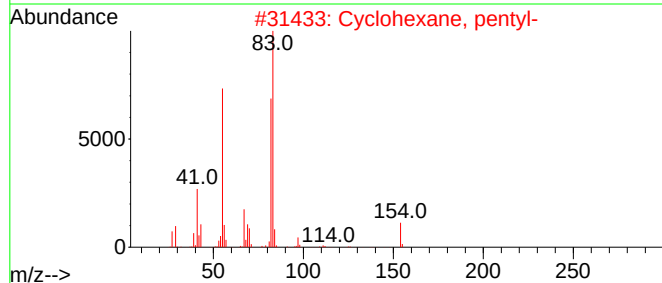
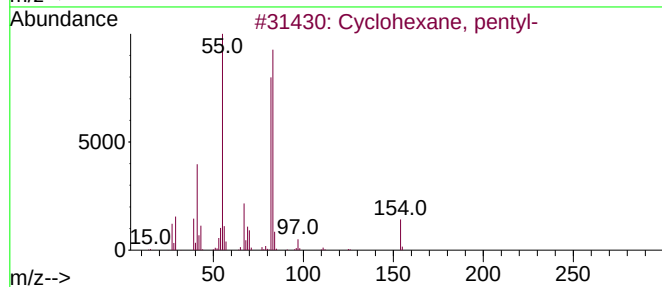
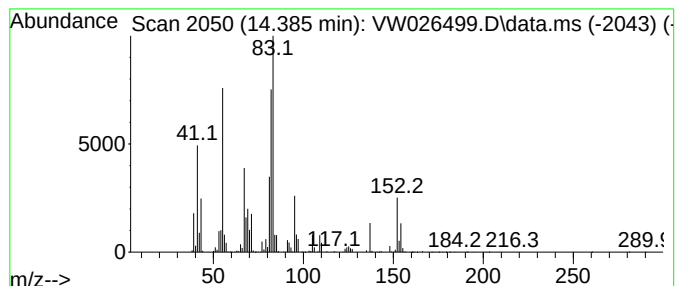
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic14.385 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	43.86 ug/L	1955320	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4			Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	59
5			Cyclohexane, 1,1'-(1,4-butanediyl...	222	C16H30	006165-44-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

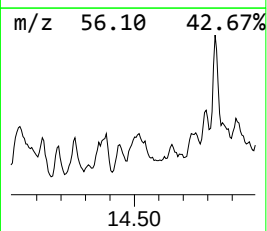
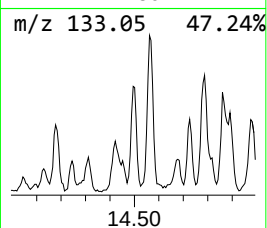
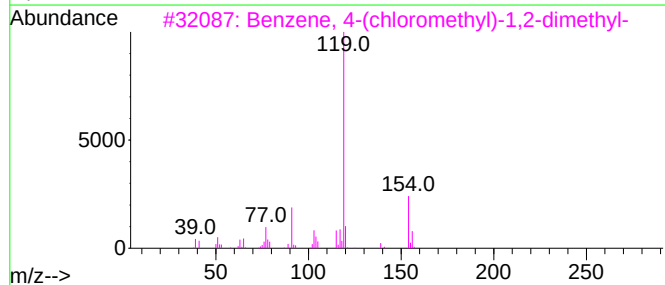
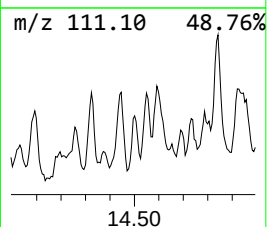
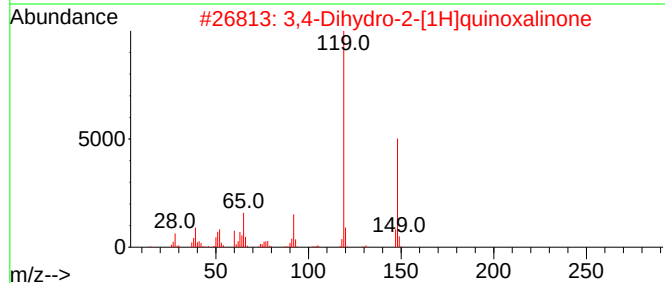
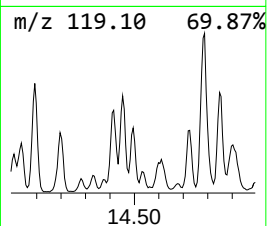
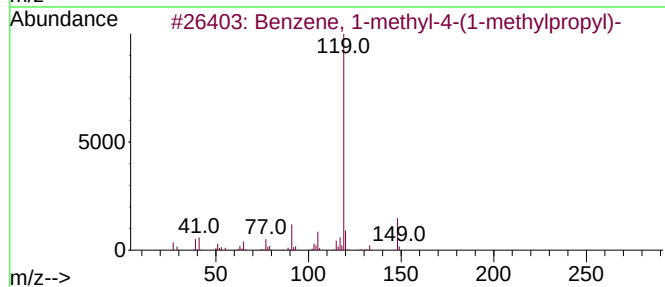
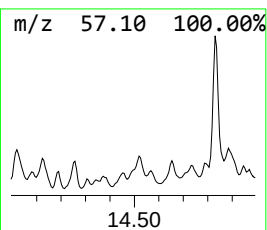
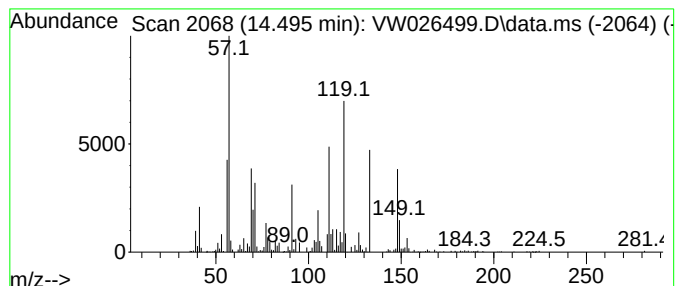
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Quant Title : SFAM01.0

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

Peak Number 26 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	7.15 ug/L	318678	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	25
2			3,4-Dihydro-2-[1H]quinoxalinone	148	C8H8N2O	059564-59-9	14
3			Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	10
4			2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	10
5			trans-3-Caren-2-ol	152	C10H16O	1000151-75-4	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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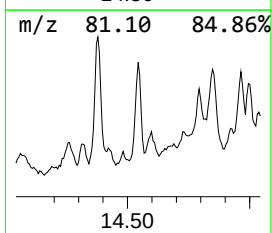
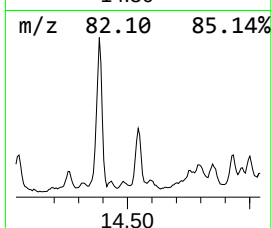
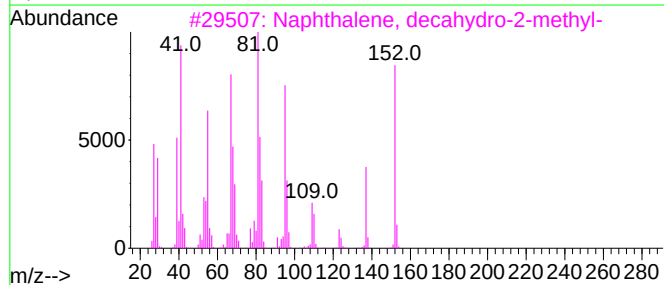
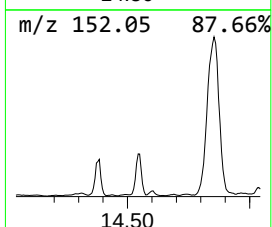
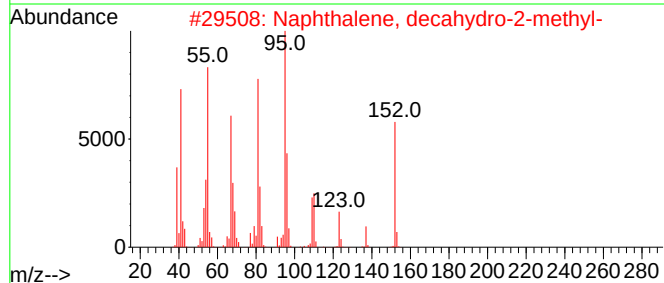
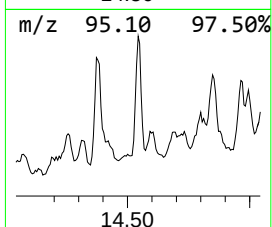
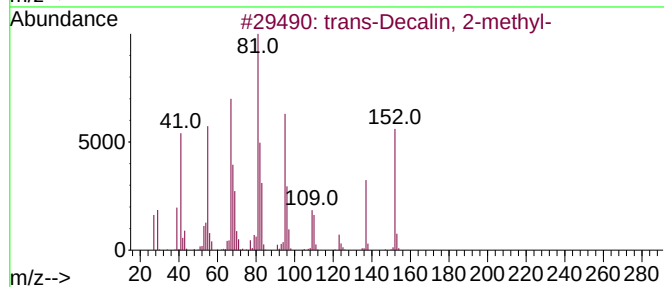
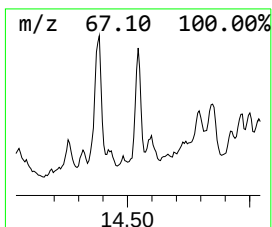
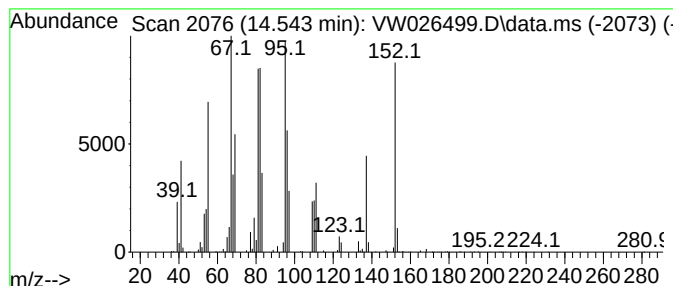
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Quant Title : SFAM01.0

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

Peak Number 27 trans-Decalin, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.544	17.90 ug/L	798138	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	89
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
4			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	76
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

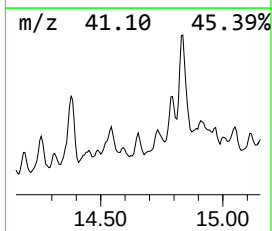
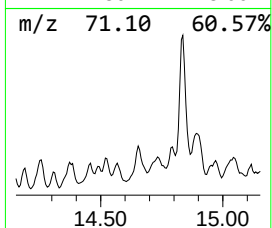
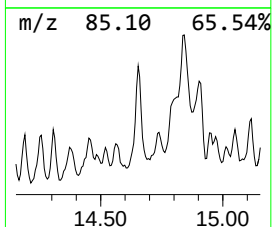
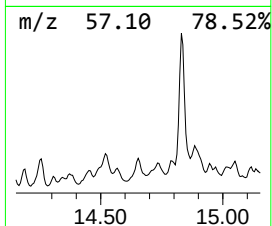
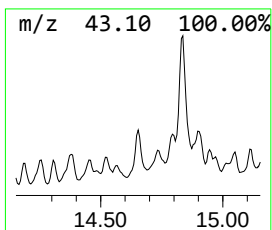
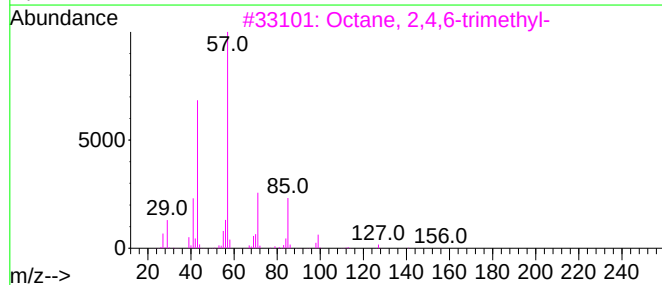
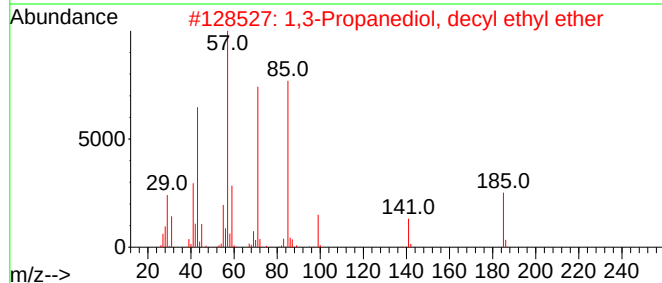
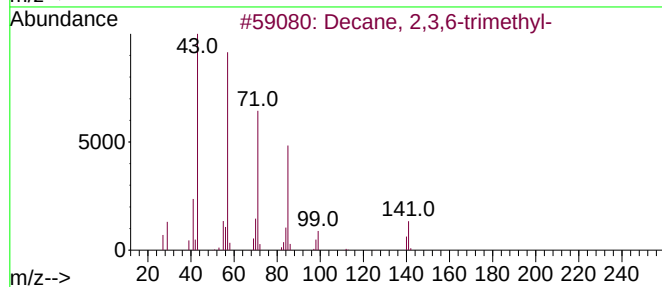
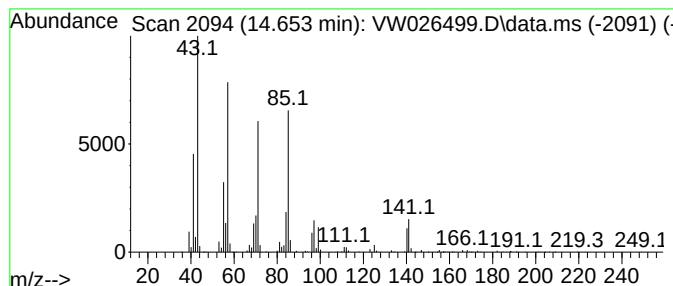
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	8.32 ug/L	371064	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	78
2			1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	64
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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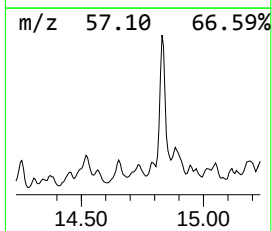
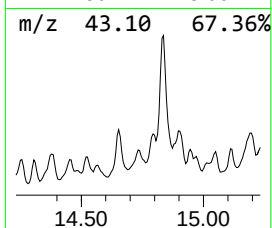
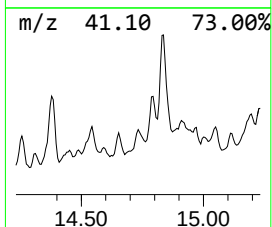
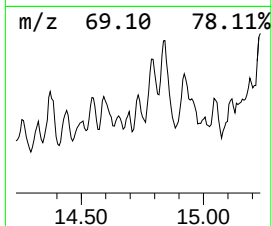
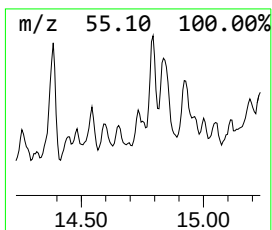
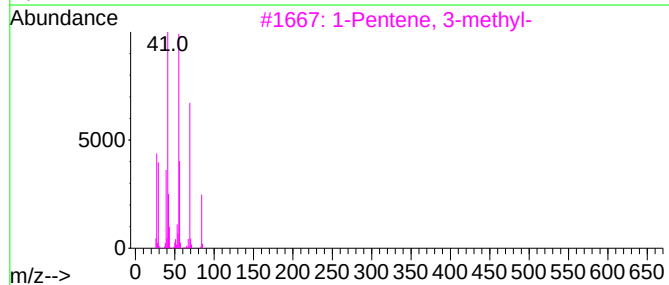
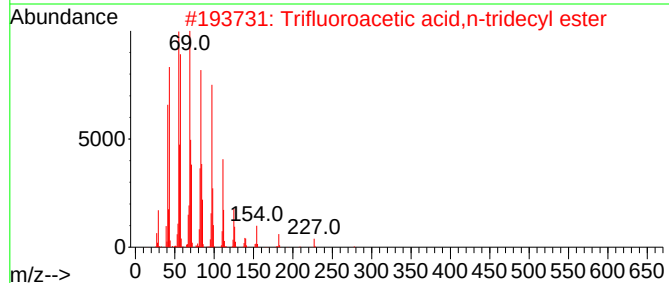
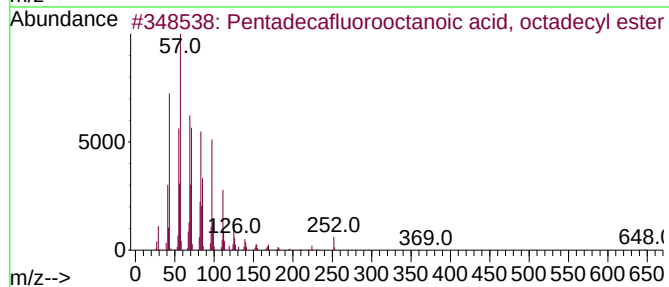
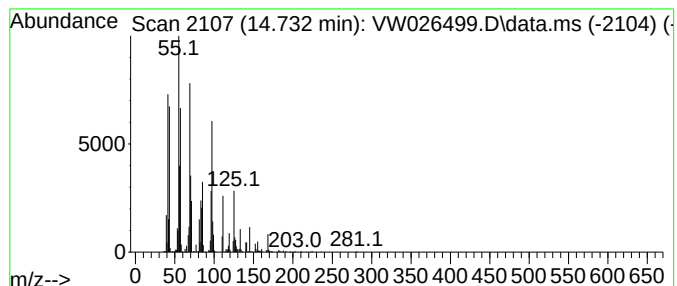
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Quant Title : SFAM01.0

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

Peak Number 29 Pentadecafluorooctanoic aci... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	10.15 ug/L	452610	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	83
2			Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	58
3			1-Pentene, 3-methyl-	84	C6H12	000760-20-3	50
4			6-Dodecene, (E)-	168	C12H24	007206-17-9	49
5			5-Undecene, 4-methyl-	168	C12H24	143185-91-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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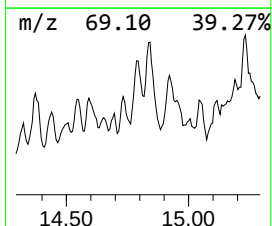
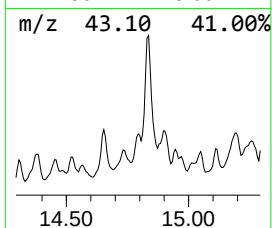
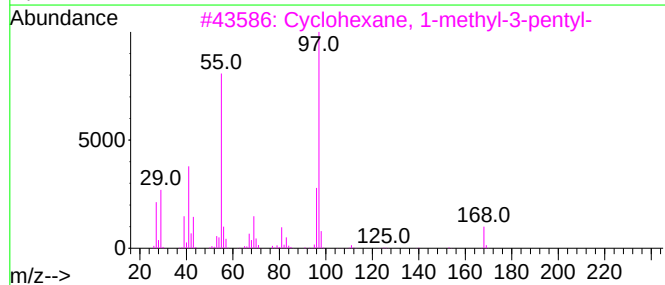
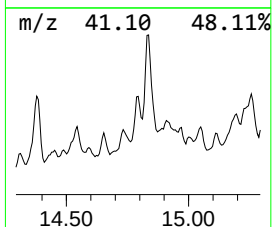
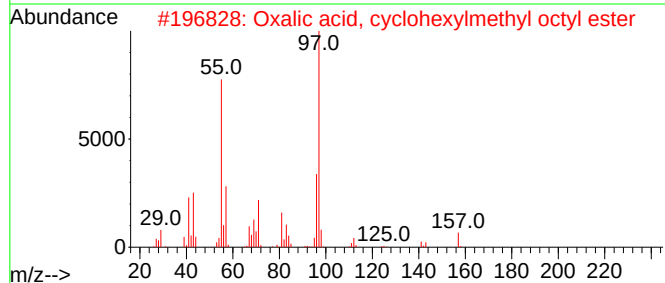
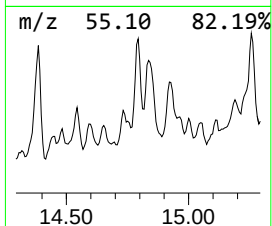
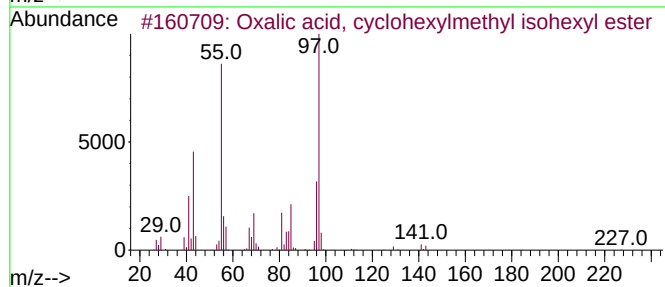
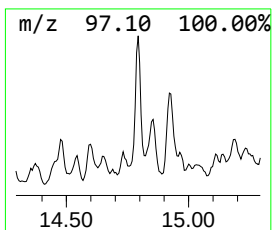
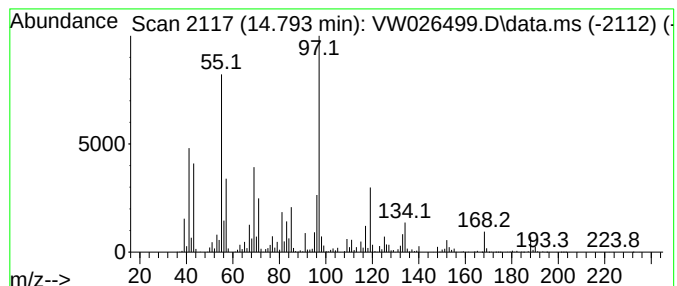
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Quant Title : SFAM01.0

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

Peak Number 30 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	35.93 ug/L	1602100	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	49
2			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	49
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	46
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46
5			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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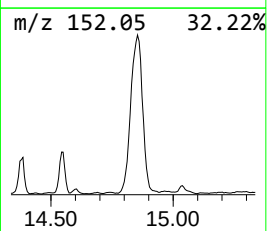
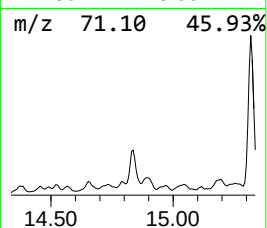
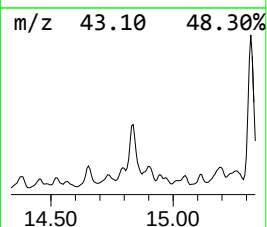
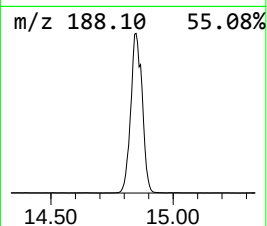
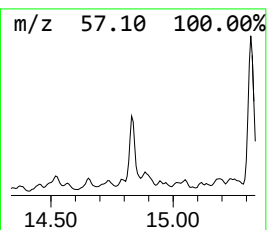
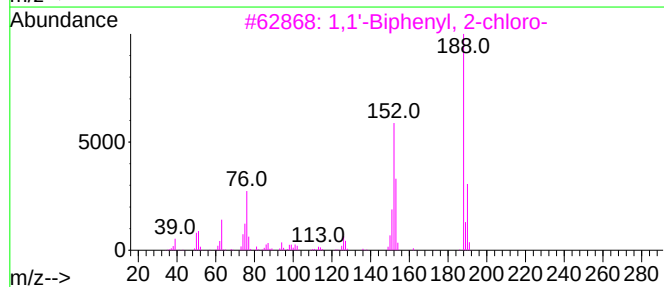
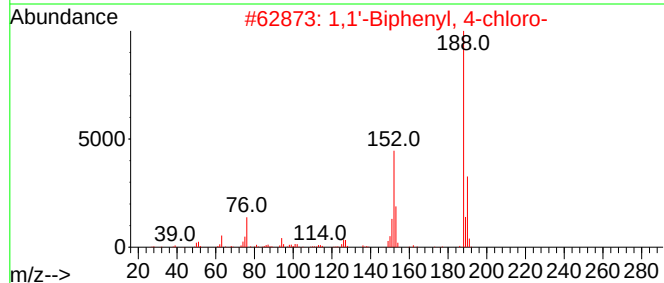
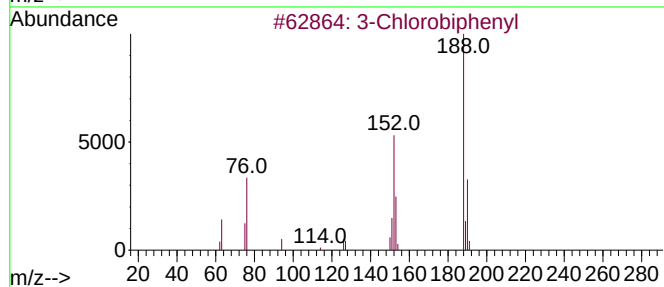
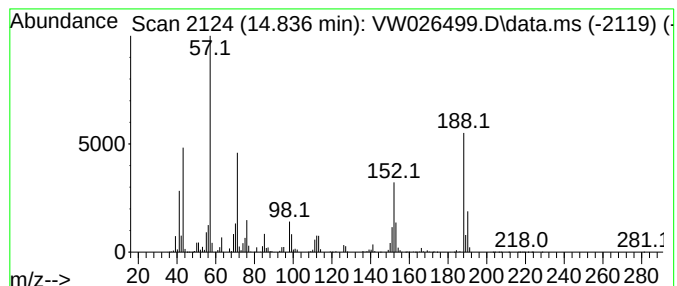
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Quant Title : SFAM01.0

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

Peak Number 31 3-Chlorobiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	145.24 ug/L	6475500	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	96
2			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
3			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	95
4			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	95
5			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

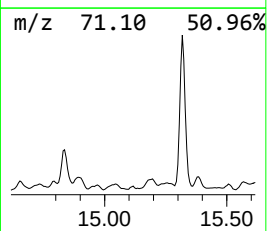
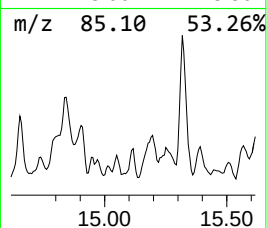
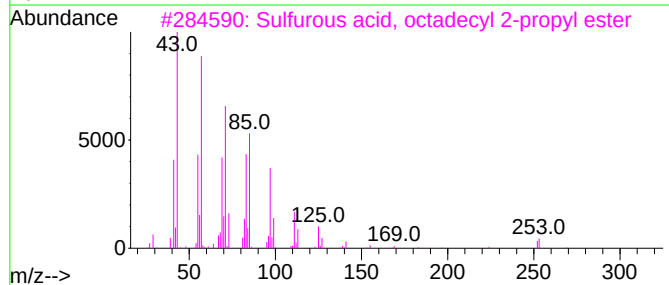
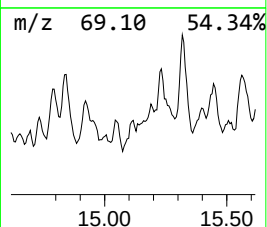
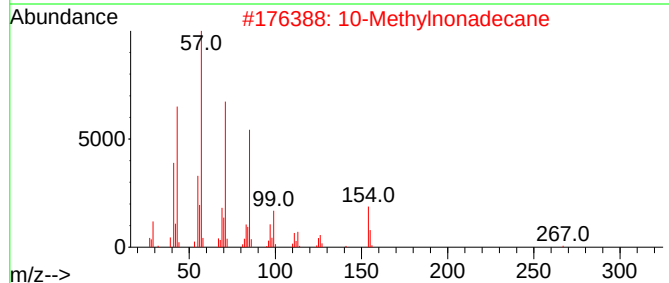
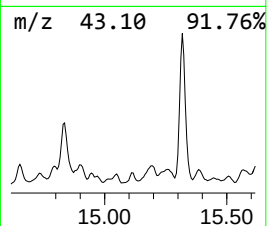
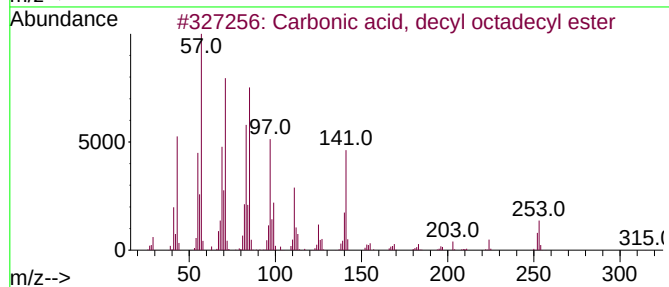
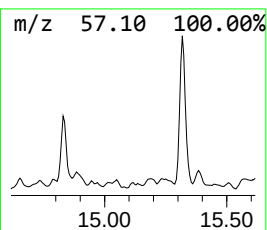
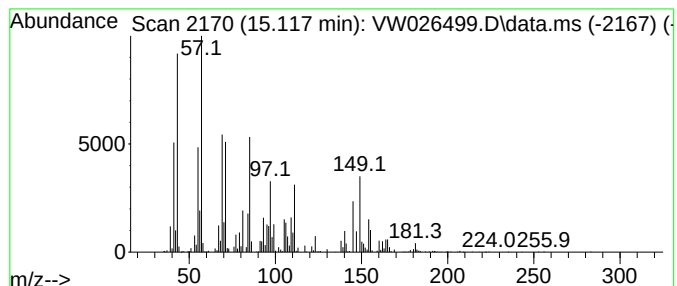
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Quant Title : SFAM01.0

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

Peak Number 32 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	7.29 ug/L	325034	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl octadecyl e...	454	C29H58O3	1000383-16-7	47
2			10-Methylnonadecane	282	C20H42	056862-62-5	46
3			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	43
4			Undecane, 4-ethyl-	184	C13H28	017312-59-3	38
5			1-Iodoundecane	282	C11H23I	004282-44-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

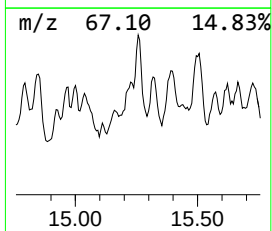
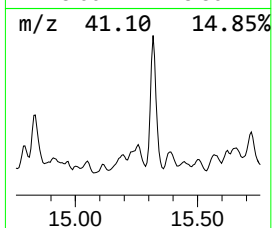
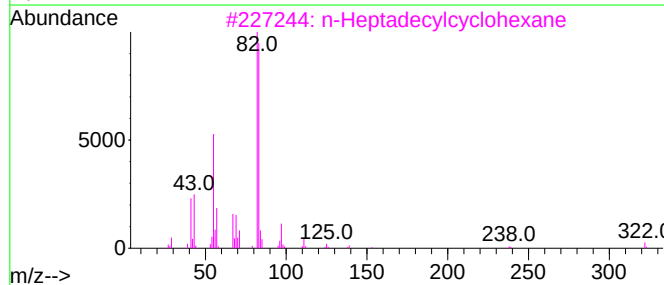
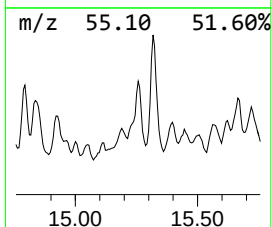
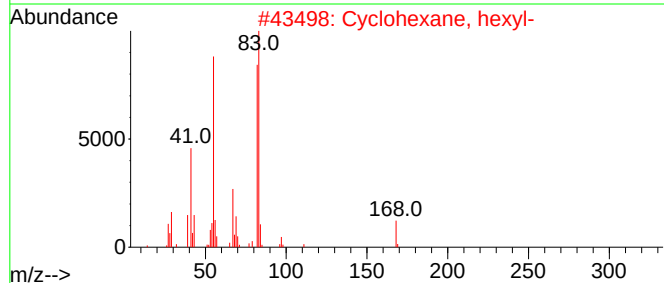
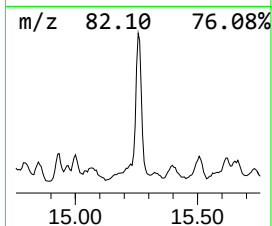
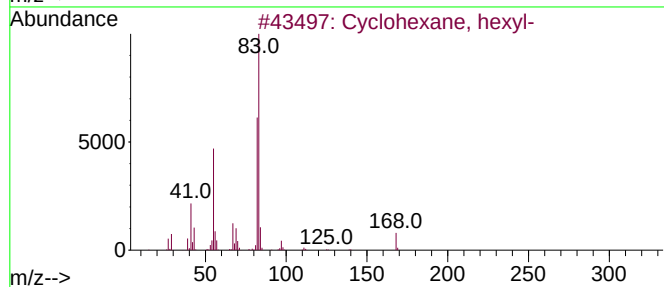
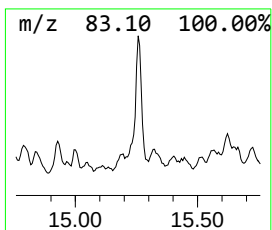
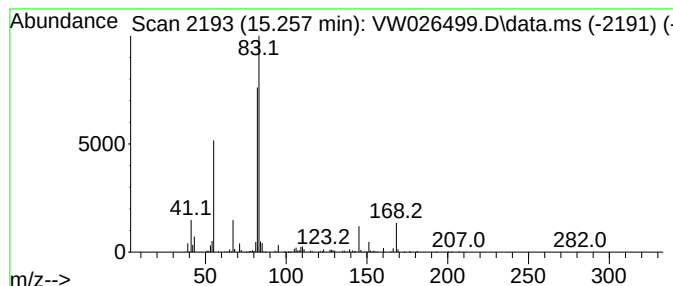
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Cyclic15.257 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	24.24 ug/L	1080790	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, hexyl-	168	C12H24	004292-75-5	78
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
3		n-Heptadecylcyclohexane	322	C23H46	019781-73-8	56
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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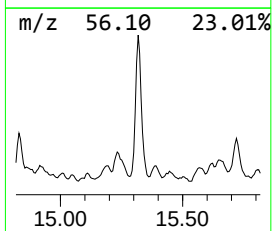
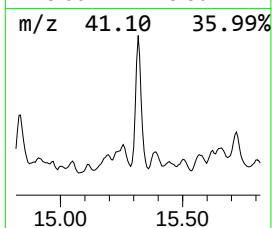
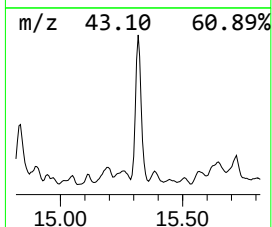
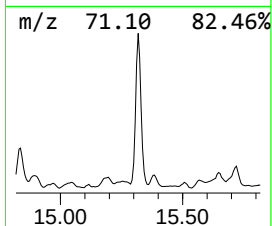
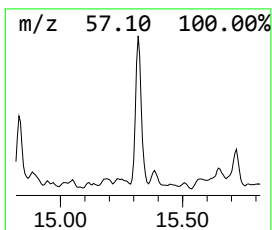
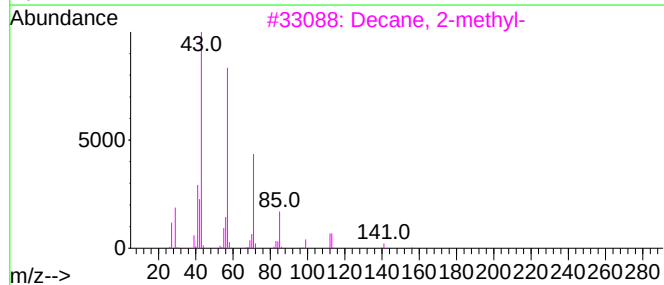
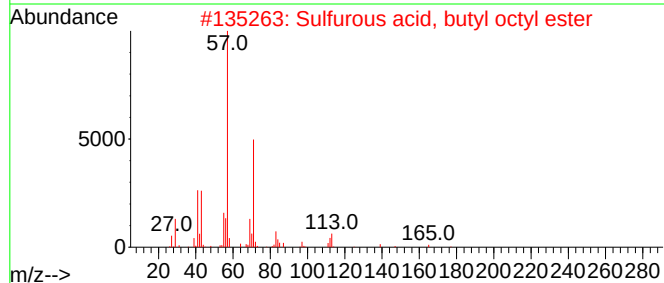
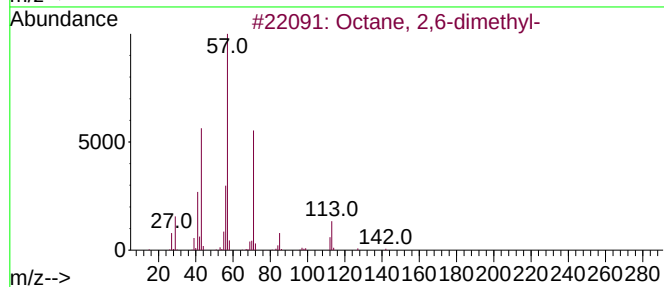
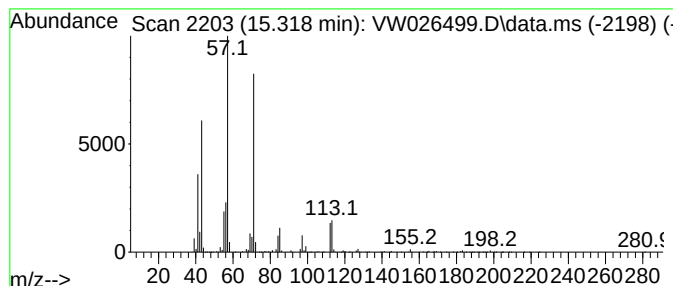
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	149.02 ug/L	6644070	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	Sulfurous acid, butyl octyl ester		250	C12H26O3S	1000309-17-5	78	
3	Decane, 2-methyl-		156	C11H24	006975-98-0	78	
4	Bacchotricuneatin c		342	C20H22O5	066563-30-2	72	
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	72	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

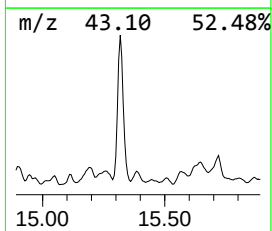
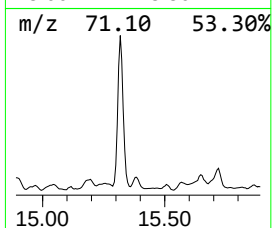
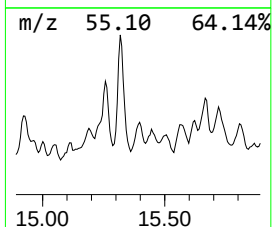
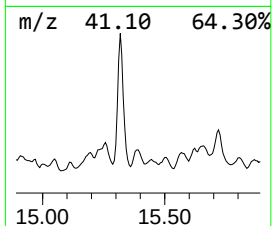
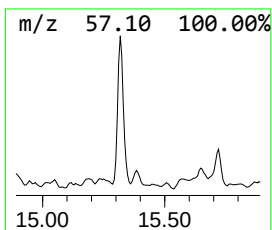
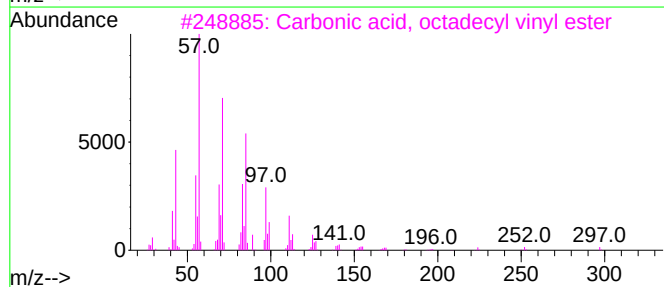
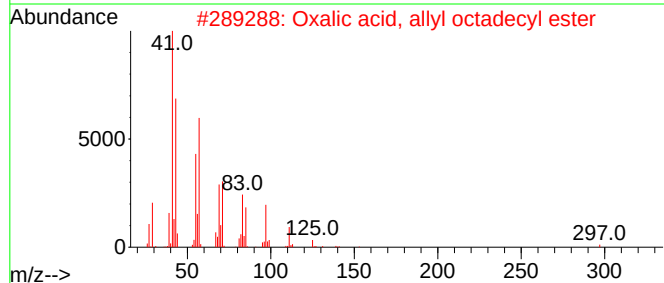
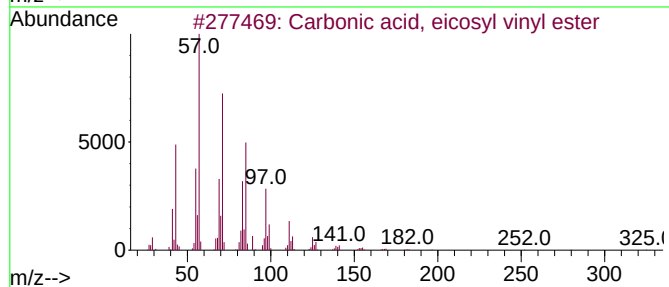
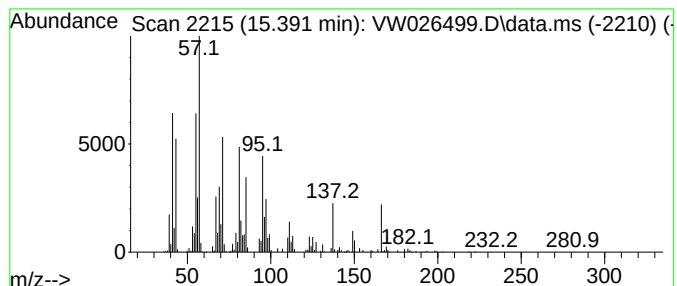
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Quant Title : SFAM01.0

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

Peak Number 35 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	26.70 ug/L	1190390	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	41
2			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	38
3			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	38
4			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	38
5			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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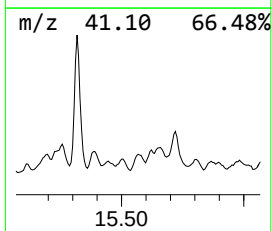
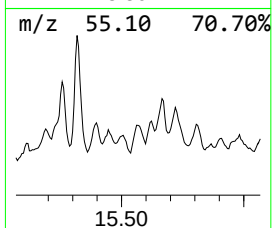
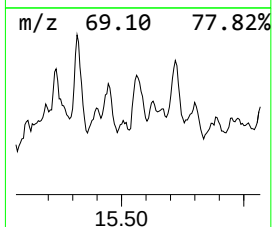
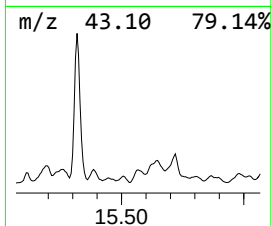
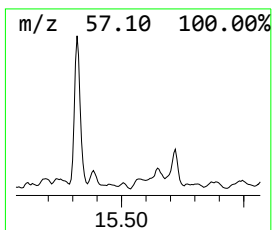
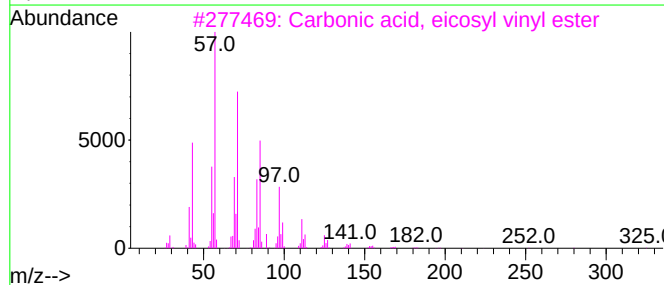
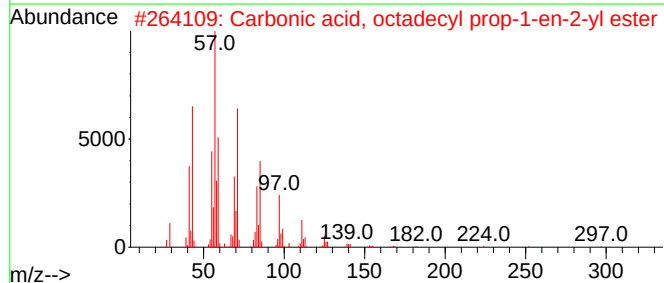
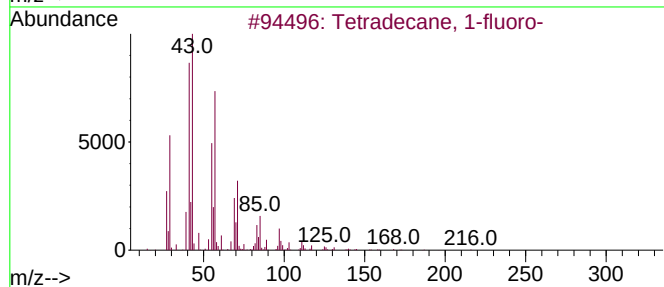
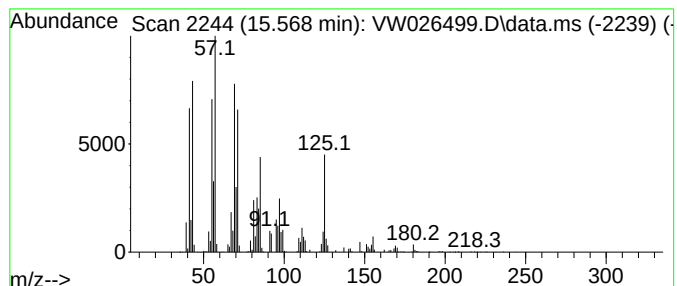
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Quant Title : SFAM01.0

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

Peak Number 36 Tetradecane, 1-fluoro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	31.78 ug/L	1417100	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	84
2			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	45
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	45
4			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	43
5			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

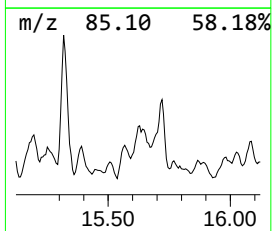
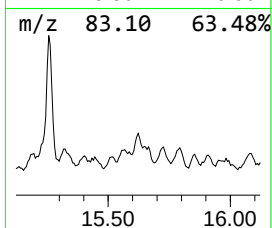
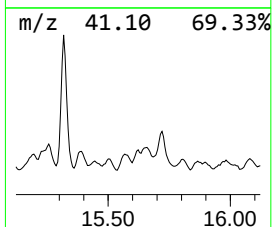
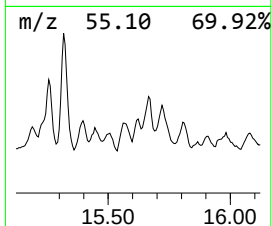
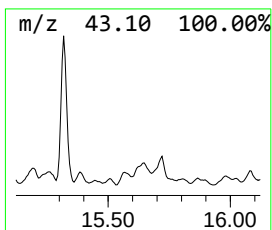
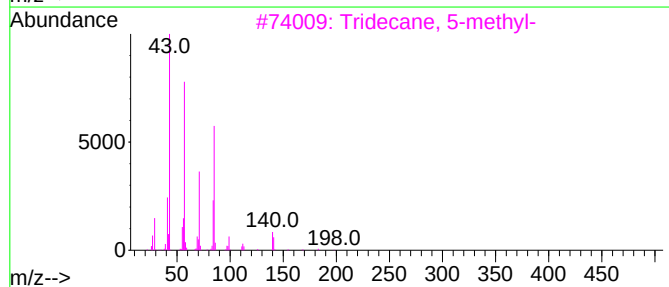
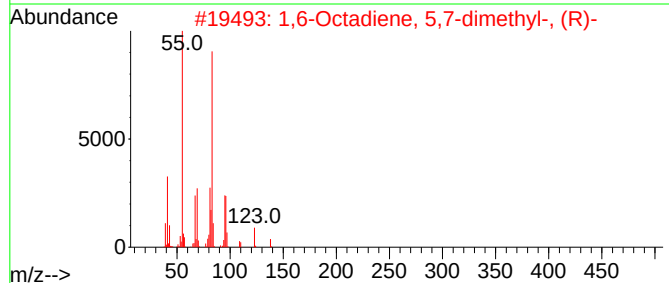
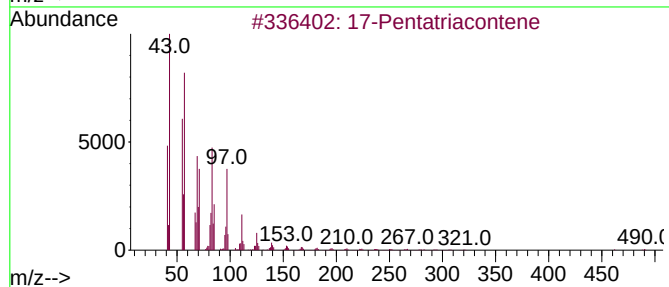
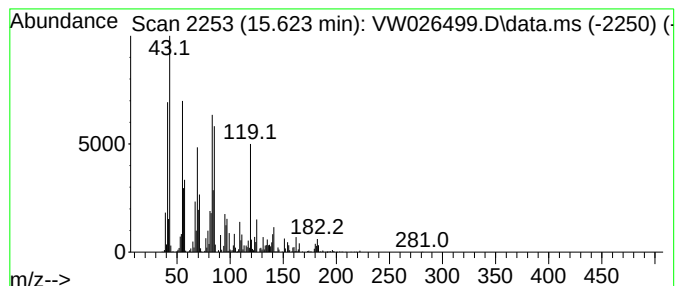
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.623	11.28 ug/L	502737	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	35	
2	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	30	
3	Tridecane, 5-methyl-	198	C14H30	025117-31-1	25	
4	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	25	
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	18	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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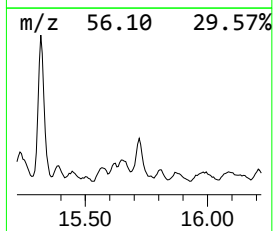
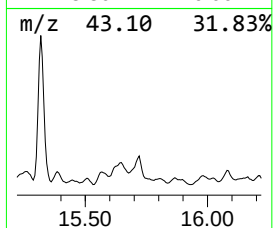
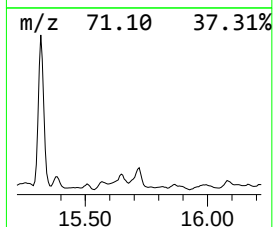
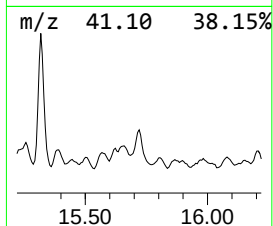
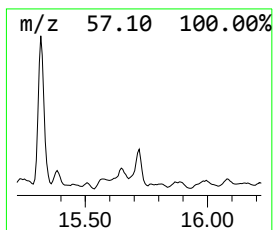
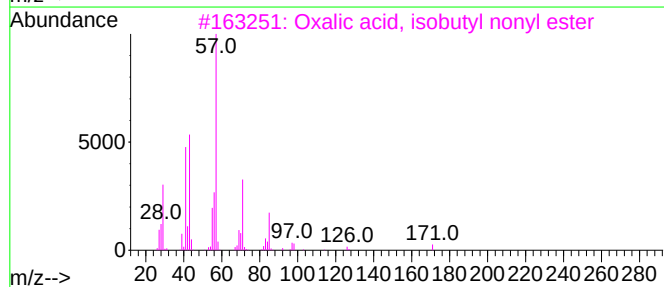
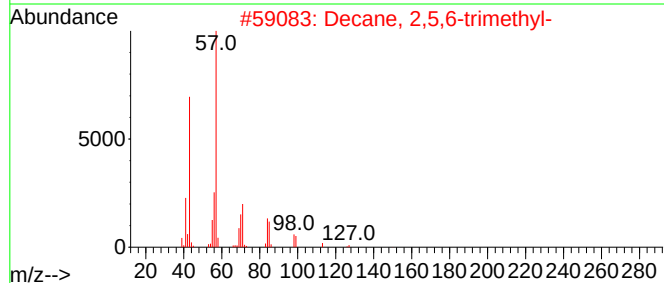
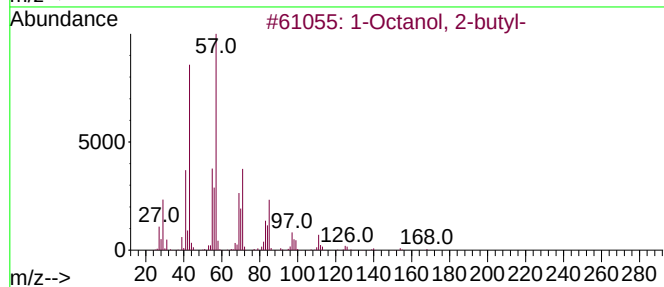
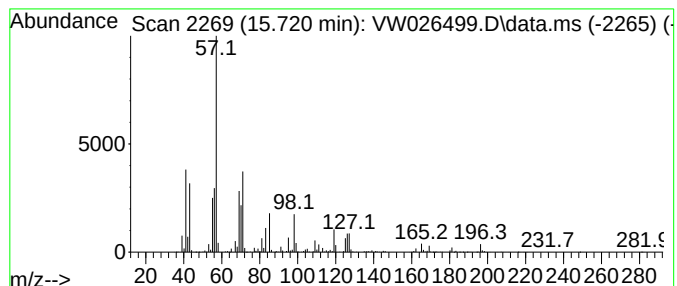
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Quant Title : SFAM01.0

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

Peak Number 38 1-Octanol, 2-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	45.58 ug/L	2032400	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
3		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	47
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

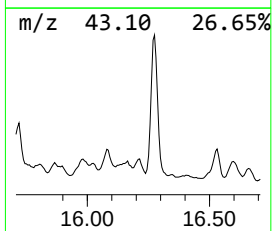
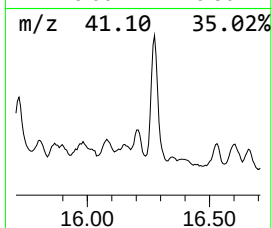
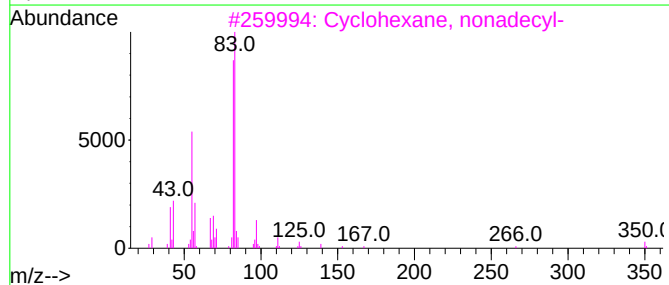
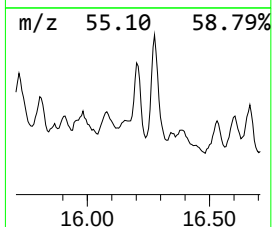
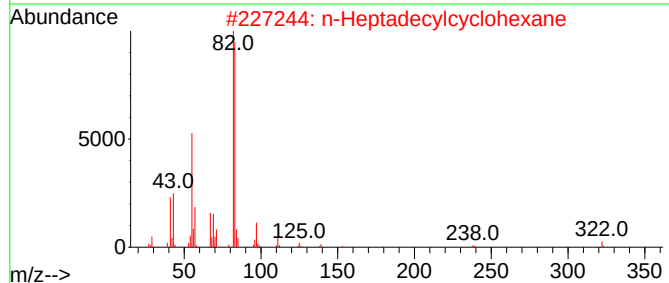
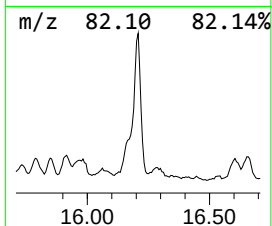
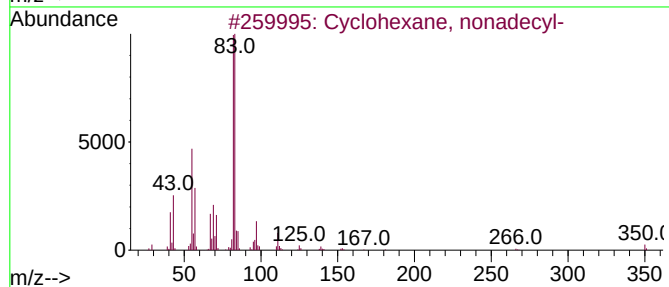
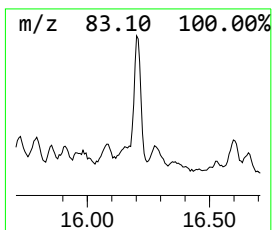
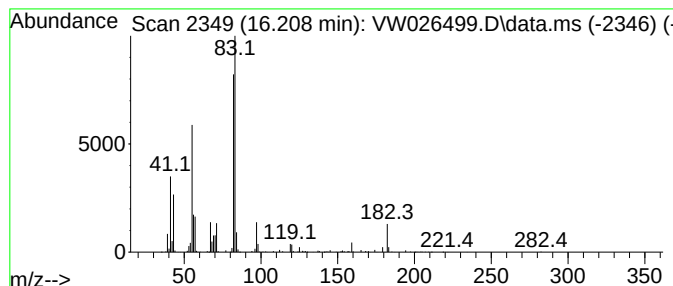
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Cyclic16.208 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.208	19.21 ug/L	856353	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	72
2		n-Heptadecylcyclohexane	322	C23H46	019781-73-8	72
3		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	72
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

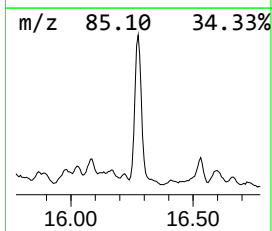
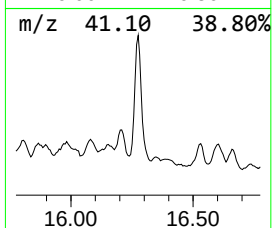
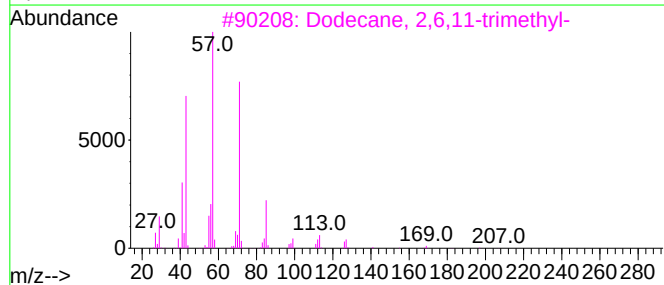
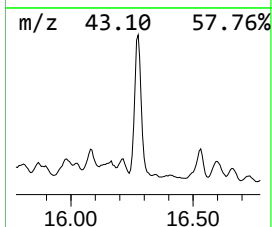
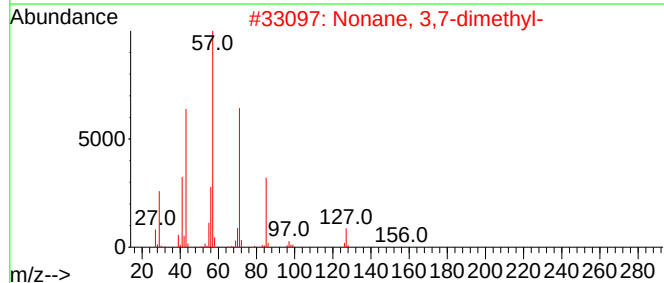
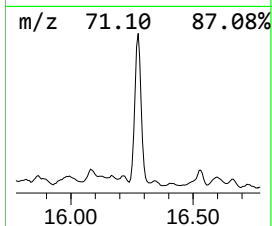
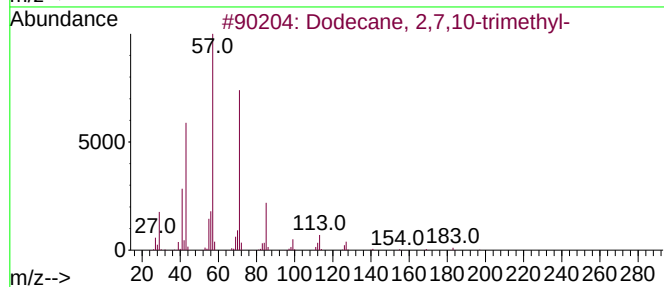
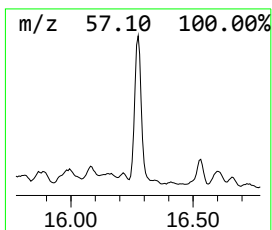
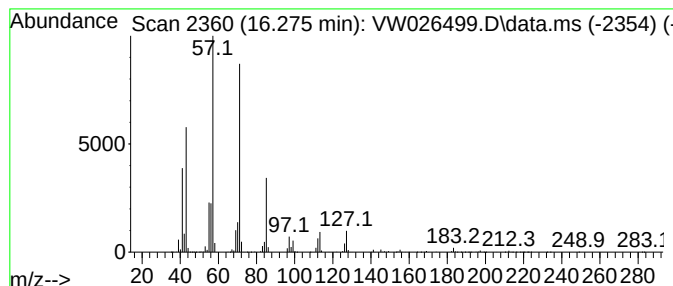
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	106.66 ug/L	4755260	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, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026499.D
Acq On : 01 Jul 2023 02:48
Operator : SY/MD
Sample : 03444-21
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

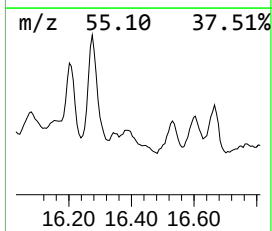
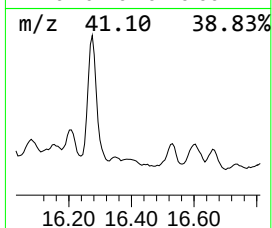
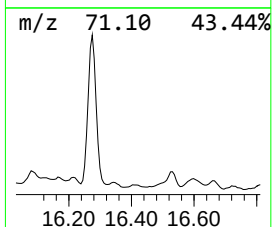
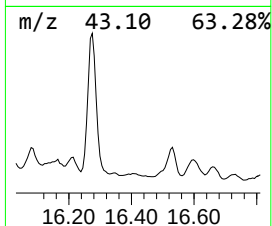
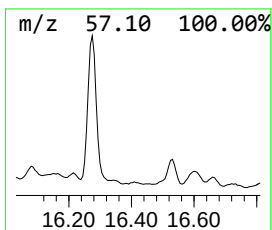
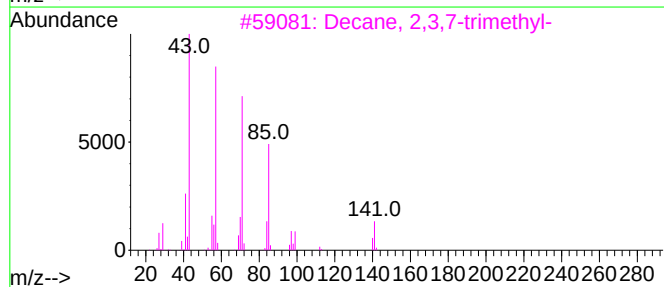
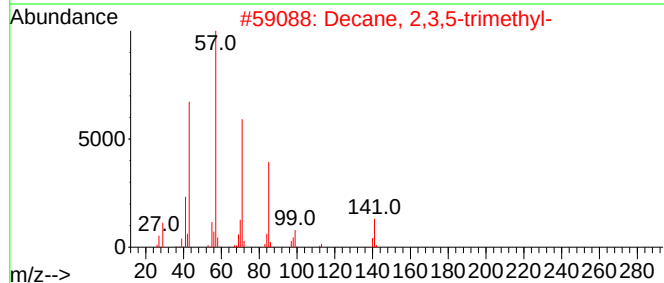
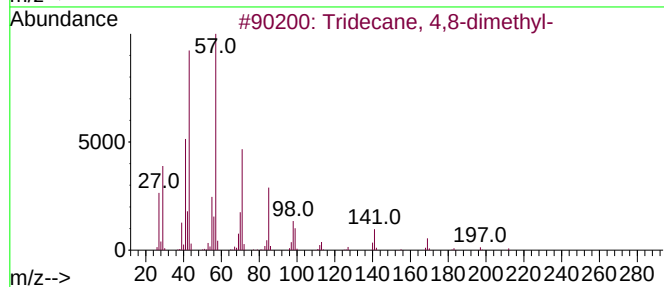
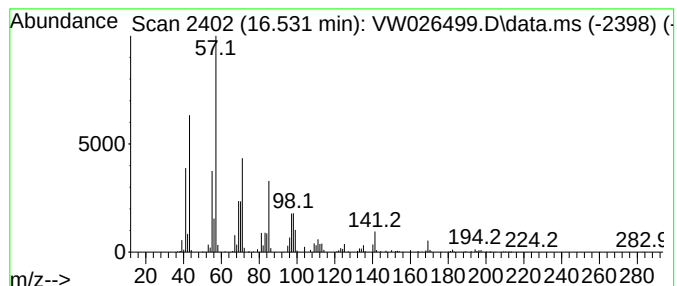
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Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.531	16.72 ug/L	745647	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	90
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
3			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	59
4			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	59
5			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026499.D
 Acq On : 01 Jul 2023 02:48
 Operator : SY/MD
 Sample : 03444-21
 Misc : 4.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Y2

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
Ethene, 1,1-dif...	2.009	2.6	ug/L	193766	1	8.837	1885000	25.0
(DEL) Alkane: S...	11.507	1.7	ug/L	155714	2	11.629	2247950	25.0
(DEL) Alkane: S...	12.245	3.3	ug/L	299215	2	11.629	2247950	25.0
(DEL) Alkane: S...	12.361	8.9	ug/L	800850	2	11.629	2247950	25.0
(DEL) Alkane: C...	12.775	6.7	ug/L	297360	3	13.556	1114630	25.0
(DEL) Alkane: C...	12.855	7.1	ug/L	316604	3	13.556	1114630	25.0
1,1'-Biphenyl, ...	12.940	28.5	ug/L	1270480	3	13.556	1114630	25.0
(DEL) Alkane: S...	12.989	24.7	ug/L	1102040	3	13.556	1114630	25.0
(DEL) Alkane: S...	13.074	7.2	ug/L	319521	3	13.556	1114630	25.0
(DEL) Alkane: C...	13.123	6.0	ug/L	268299	3	13.556	1114630	25.0
(DEL) Alkane: S...	13.160	9.1	ug/L	404263	3	13.556	1114630	25.0
(DEL) Alkane: S...	13.336	6.4	ug/L	287336	3	13.556	1114630	25.0
(DEL) Alkane: C...	13.446	21.9	ug/L	976859	3	13.556	1114630	25.0
(DEL) Alkane: S...	13.483	6.6	ug/L	294414	3	13.556	1114630	25.0
(DEL) Alkane: C...	13.696	11.4	ug/L	506475	3	13.556	1114630	25.0
Sulfurous acid,...	13.922	11.8	ug/L	525335	3	13.556	1114630	25.0
unknown-01	13.977	11.0	ug/L	490020	3	13.556	1114630	25.0
(DEL) Alkane: S...	14.019	14.7	ug/L	654615	3	13.556	1114630	25.0
(DEL) Alkane: S...	14.123	18.1	ug/L	807424	3	13.556	1114630	25.0
(DEL) Alkane: S...	14.190	13.2	ug/L	586520	3	13.556	1114630	25.0
Carbonic acid, ...	14.257	23.8	ug/L	1060200	3	13.556	1114630	25.0
(DEL) Alkane: S...	14.312	7.8	ug/L	349058	3	13.556	1114630	25.0
(DEL) Alkane: C...	14.385	43.9	ug/L	1955320	3	13.556	1114630	25.0
unknown-02	14.495	7.2	ug/L	318678	3	13.556	1114630	25.0
trans-Decalin, ...	14.544	17.9	ug/L	798138	3	13.556	1114630	25.0
(DEL) Alkane: S...	14.653	8.3	ug/L	371064	3	13.556	1114630	25.0
Pentadecafluoro...	14.733	10.2	ug/L	452610	3	13.556	1114630	25.0
unknown-03	14.793	35.9	ug/L	1602100	3	13.556	1114630	25.0
3-Chlorobiphenyl	14.836	145.2	ug/L	6475500	3	13.556	1114630	25.0
unknown-04	15.117	7.3	ug/L	325034	3	13.556	1114630	25.0
(DEL) Alkane: C...	15.257	24.2	ug/L	1080790	3	13.556	1114630	25.0
(DEL) Alkane: S...	15.318	149.0	ug/L	6644070	3	13.556	1114630	25.0
unknown-05	15.391	26.7	ug/L	1190390	3	13.556	1114630	25.0
Tetradecane, 1-...	15.568	31.8	ug/L	1417100	3	13.556	1114630	25.0
(DEL) Alkane: S...	15.623	11.3	ug/L	502737	3	13.556	1114630	25.0
1-Octanol, 2-bu...	15.720	45.6	ug/L	2032400	3	13.556	1114630	25.0
(DEL) Alkane: C...	16.208	19.2	ug/L	856353	3	13.556	1114630	25.0
(DEL) Alkane: S...	16.275	106.7	ug/L	4755260	3	13.556	1114630	25.0
(DEL) Alkane: S...	16.531	16.7	ug/L	745647	3	13.556	1114630	25.0