

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026401.D
 Acq On : 28 Jun 2023 16:21
 Operator : SY/MD
 Sample : 03421-21
 Misc : 4.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6

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\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026401.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.137	39	41	43	rBV3	2677	2753	0.10%	0.010%
2	2.363	71	78	91	rBV	137142	332653	12.55%	1.255%
3	2.893	158	165	180	rVB	132936	369947	13.96%	1.396%
4	3.387	242	246	247	rBV4	2231	2785	0.11%	0.011%
5	3.497	262	264	269	rVB5	1582	2217	0.08%	0.008%
6	3.594	278	280	282	rVB3	2464	2005	0.08%	0.008%
7	3.856	320	323	326	rVV5	2042	3619	0.14%	0.014%
8	3.881	326	327	330	rVB3	1899	1794	0.07%	0.007%
9	4.015	338	349	359	rBV	278787	851440	32.13%	3.213%
10	4.119	359	366	378	rVB	137150	384851	14.52%	1.452%
11	4.265	387	390	393	rVB5	1132	1721	0.06%	0.006%
12	4.381	401	409	411	rBV6	5936	11378	0.43%	0.043%
13	4.576	436	441	443	rBV6	1037	1819	0.07%	0.007%
14	4.686	456	459	462	rVB5	2237	2572	0.10%	0.010%
15	4.722	462	465	468	rBV5	1593	1961	0.07%	0.007%
16	4.789	475	476	480	rVB4	1947	1733	0.07%	0.007%
17	4.917	487	497	511	rBV3	12443	53040	2.00%	0.200%
18	5.051	517	519	522	rVB4	2031	1940	0.07%	0.007%
19	5.374	568	572	574	rBV5	1148	1886	0.07%	0.007%
20	5.460	582	586	589	rVB6	2534	3771	0.14%	0.014%
21	5.551	597	601	604	rBV6	1486	2353	0.09%	0.009%
22	5.838	646	648	652	rVB5	1988	3098	0.12%	0.012%
23	5.874	652	654	656	rBV2	2455	2609	0.10%	0.010%
24	5.941	662	665	673	rVB7	6276	11876	0.45%	0.045%
25	6.033	677	680	681	rVB3	2054	1953	0.07%	0.007%
26	6.204	703	708	709	rBV5	1638	2656	0.10%	0.010%
27	6.618	774	776	781	rVB6	2579	3385	0.13%	0.013%
28	6.679	781	786	787	rBV5	1864	2862	0.11%	0.011%
29	6.783	801	803	805	rVV3	2227	2143	0.08%	0.008%
30	7.002	833	839	840	rBV6	2264	3953	0.15%	0.015%
31	7.075	843	851	859	rVV	83934	247169	9.33%	0.933%
32	7.173	860	867	881	rVB	64841	196325	7.41%	0.741%
33	7.490	916	919	920	rBV3	1594	1707	0.06%	0.006%
34	7.539	923	927	930	rBV6	1777	2183	0.08%	0.008%
35	7.648	935	945	960	rVV	434947	1086511	41.01%	4.100%
36	7.892	983	985	987	rBV3	2170	1880	0.07%	0.007%

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Integrator: RTE

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Filtering: 5

Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

37	8.020	1001	1006	1007	rBV5	1719	2333	0.09%	0.009%
38	8.191	1032	1034	1036	rBV3	1766	2080	0.08%	0.008%
39	8.276	1038	1048	1065	rVV2	889592	2649613	100.00%	9.998%
40	8.630	1103	1106	1110	rVB6	1403	1989	0.08%	0.008%
41	8.703	1110	1118	1122	rBV5	5016	12525	0.47%	0.047%
42	8.843	1131	1141	1152	rBV	977930	1957693	73.89%	7.387%
43	8.965	1159	1161	1164	rVB4	2036	2131	0.08%	0.008%
44	9.081	1174	1180	1186	rBV4	4354	10275	0.39%	0.039%
45	9.270	1203	1211	1228	rBV	610468	1282575	48.41%	4.840%
46	9.453	1237	1241	1242	rBV4	1419	1887	0.07%	0.007%
47	9.514	1247	1251	1253	rBV5	1462	1730	0.07%	0.007%
48	9.672	1272	1277	1281	rVB7	2979	5583	0.21%	0.021%
49	9.733	1285	1287	1288	rVV2	3667	2687	0.10%	0.010%
50	9.752	1288	1290	1296	rVB7	4241	6249	0.24%	0.024%
51	9.807	1296	1299	1301	rBV4	1565	1986	0.07%	0.007%
52	9.892	1310	1313	1315	rVB4	2019	2419	0.09%	0.009%
53	9.947	1318	1322	1323	rBV3	2965	2753	0.10%	0.010%
54	10.032	1327	1336	1349	rBV	264467	495909	18.72%	1.871%
55	10.124	1349	1351	1354	rBV4	2120	2326	0.09%	0.009%
56	10.215	1360	1366	1369	rBV6	4362	9539	0.36%	0.036%
57	10.325	1376	1384	1392	rBV	1091555	1954070	73.75%	7.374%
58	10.386	1392	1394	1400	rVV4	6260	10656	0.40%	0.040%
59	10.502	1408	1413	1418	rBV9	3131	7374	0.28%	0.028%
60	10.575	1419	1425	1435	rVB	165235	287094	10.84%	1.083%
61	10.739	1450	1452	1453	rBV2	1654	1703	0.06%	0.006%
62	10.825	1464	1466	1472	rVB7	3391	4593	0.17%	0.017%
63	10.922	1475	1482	1495	rBV	280958	543788	20.52%	2.052%
64	11.026	1495	1499	1506	rVV5	4791	11704	0.44%	0.044%
65	11.233	1528	1533	1535	rBV4	10494	18923	0.71%	0.071%
66	11.379	1539	1557	1560	rBV8	31800	146886	5.54%	0.554%
67	11.629	1590	1598	1605	rBV	1065428	1808615	68.26%	6.825%
68	11.757	1617	1619	1624	rVB6	4110	4194	0.16%	0.016%
69	11.873	1634	1638	1643	rBV8	9939	15919	0.60%	0.060%
70	12.135	1675	1681	1687	rBV5	27218	62872	2.37%	0.237%
71	12.245	1694	1699	1704	rVB	51818	92370	3.49%	0.349%
72	12.361	1704	1718	1722	rBV2	70239	190812	7.20%	0.720%
73	12.459	1729	1734	1736	rBV6	14989	30126	1.14%	0.114%
74	12.593	1751	1756	1765	rVB3	55457	135344	5.11%	0.511%
75	12.690	1765	1772	1778	rBV	468232	837789	31.62%	3.161%
76	12.855	1795	1799	1803	rBV4	36864	77524	2.93%	0.293%

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 Title : SFAM01.0

77	12.995	1806	1822	1832	rVV4	153430	927167	34.99%	3.499%
78	13.123	1840	1843	1846	rVB4	34749	42389	1.60%	0.160%
79	13.166	1846	1850	1852	rBV3	55173	93836	3.54%	0.354%
80	13.288	1866	1870	1875	rBV	101723	160778	6.07%	0.607%
81	13.336	1875	1878	1882	rVB2	45004	57625	2.17%	0.217%
82	13.410	1886	1890	1893	rBV2	65880	112906	4.26%	0.426%
83	13.483	1898	1902	1903	rBV3	42712	57022	2.15%	0.215%
84	13.556	1909	1914	1918	rBV	664318	1007503	38.02%	3.802%
85	13.690	1933	1936	1940	rBV4	45710	69026	2.61%	0.260%
86	13.849	1956	1962	1971	rBV	520035	1233620	46.56%	4.655%
87	13.977	1979	1983	1986	rBV4	84310	128921	4.87%	0.486%
88	14.062	1994	1997	2004	rBV6	56532	125011	4.72%	0.472%
89	14.190	2014	2018	2022	rBV2	82041	126497	4.77%	0.477%
90	14.257	2025	2029	2035	rVB3	125583	217482	8.21%	0.821%
91	14.379	2044	2049	2054	rBV2	204955	319121	12.04%	1.204%
92	14.495	2064	2068	2070	rBV4	105628	185176	6.99%	0.699%
93	14.739	2104	2108	2112	rBV2	103799	176173	6.65%	0.665%
94	14.793	2113	2117	2119	rVV	183373	300939	11.36%	1.136%
95	14.848	2119	2126	2135	rVB4	818711	2353134	88.81%	8.879%
96	15.117	2167	2170	2172	rBV5	75800	95285	3.60%	0.360%
97	15.318	2199	2203	2210	rVB	505512	926393	34.96%	3.496%
98	15.391	2210	2215	2220	rBV5	195781	412003	15.55%	1.555%
99	15.568	2240	2244	2249	rBV3	153649	348802	13.16%	1.316%
100	16.275	2356	2360	2369	rVB	358507	718782	27.13%	2.712%

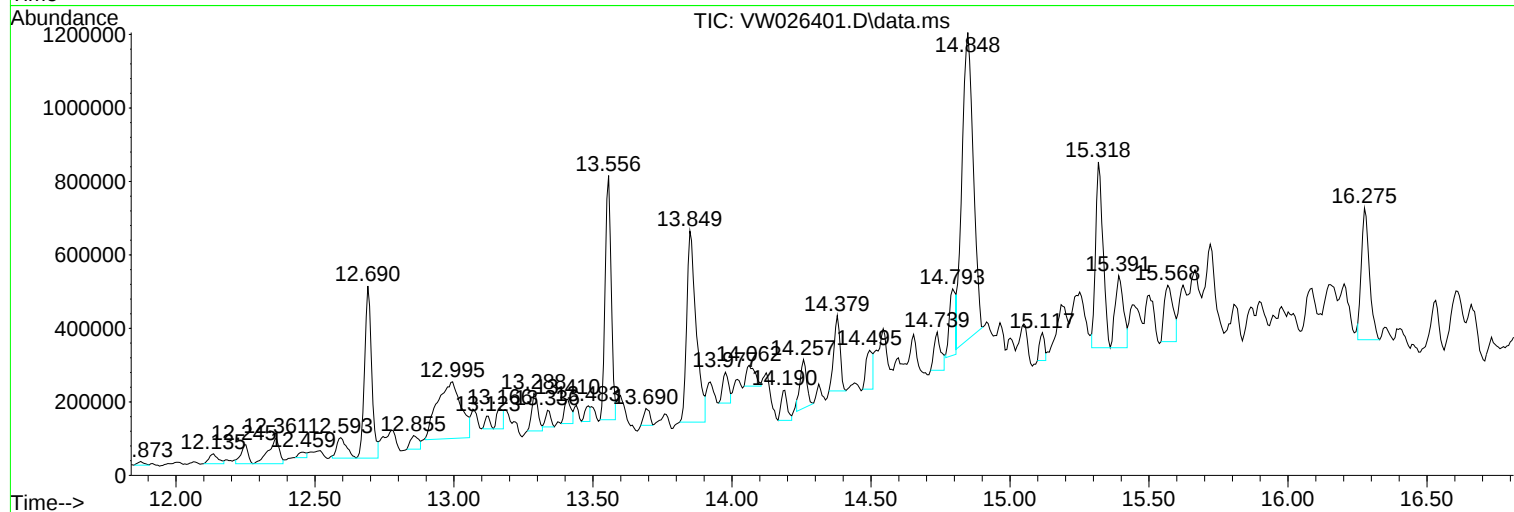
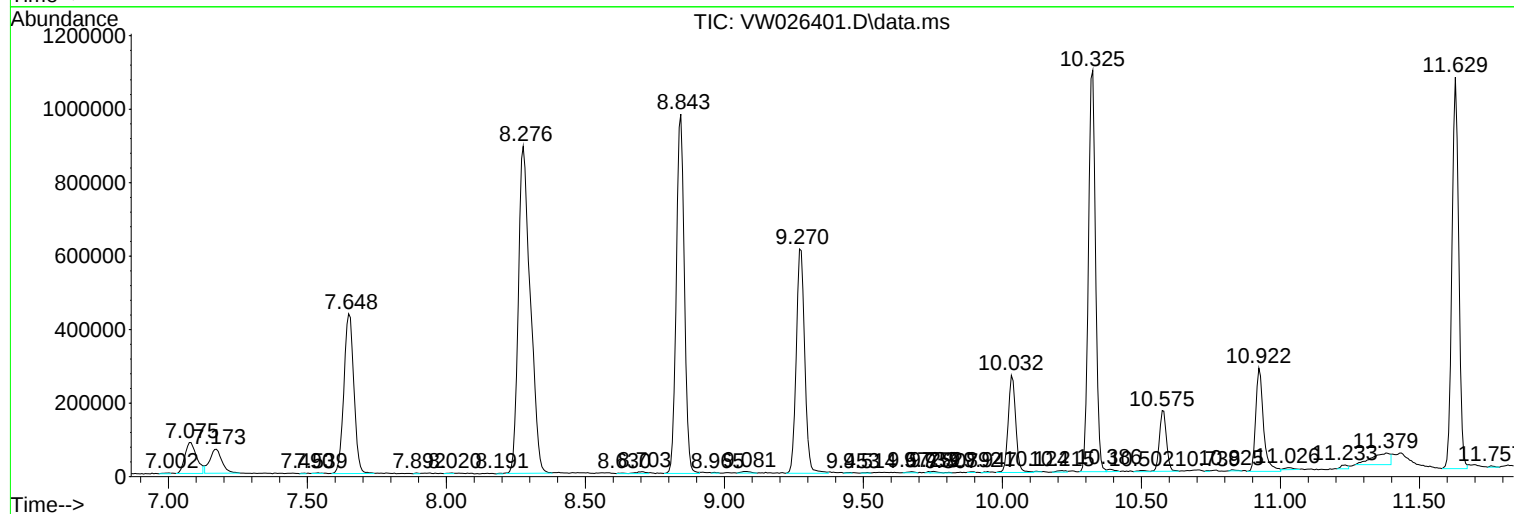
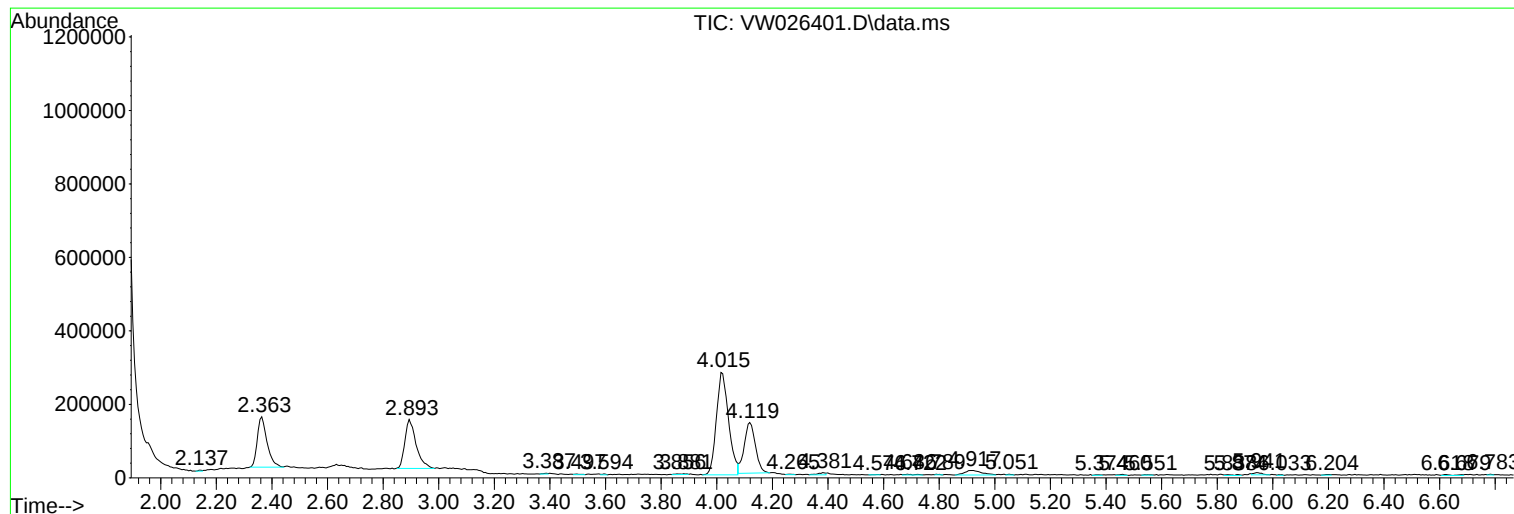
Sum of corrected areas: 26500777

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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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



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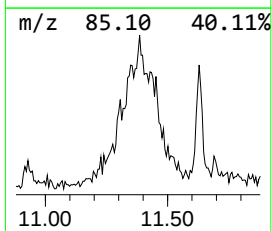
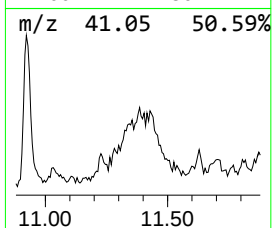
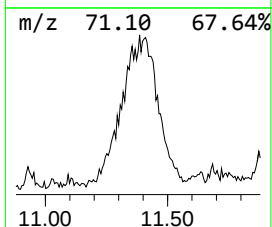
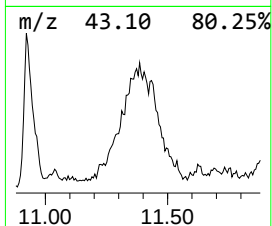
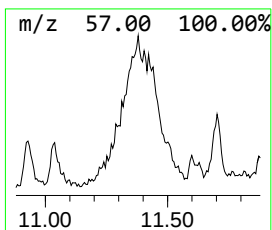
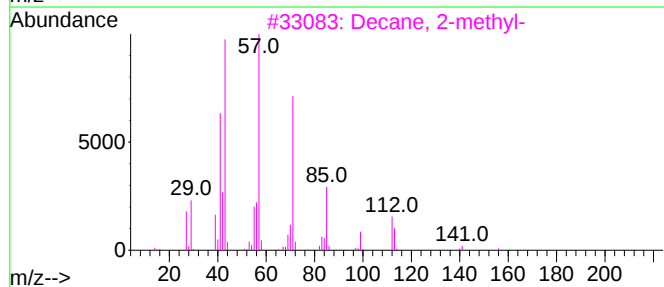
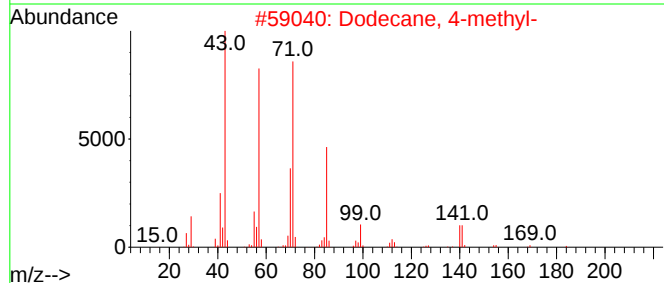
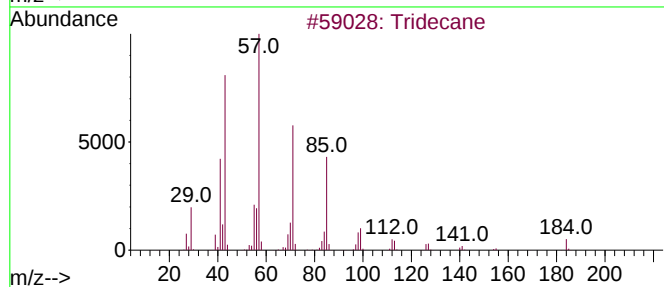
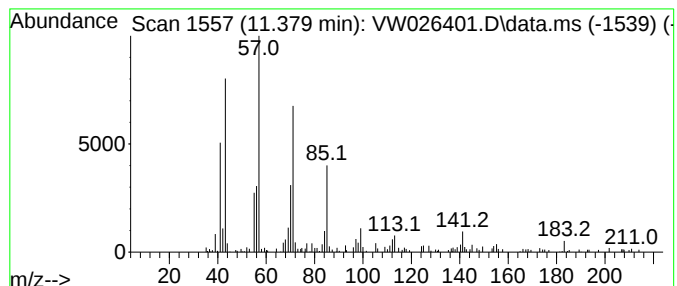
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.380	2.03 ug/L	146886	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	81
2	Dodecane, 4-methyl-		184	C13H28	006117-97-1	81
3	Decane, 2-methyl-		156	C11H24	006975-98-0	80
4	Dodecane, 4-methyl-		184	C13H28	006117-97-1	76
5	Decane, 3-methyl-		156	C11H24	013151-34-3	76



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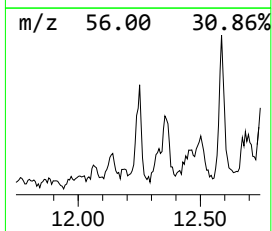
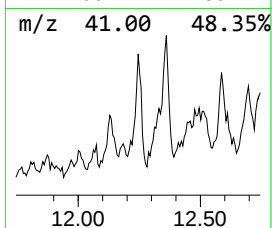
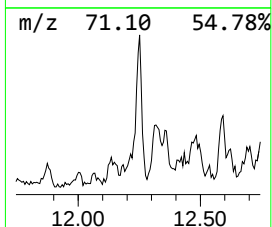
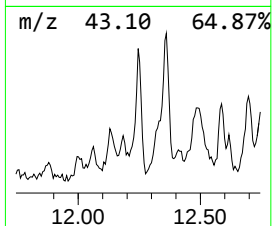
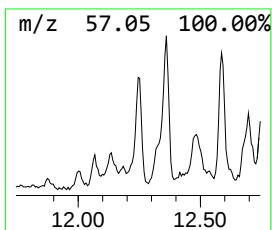
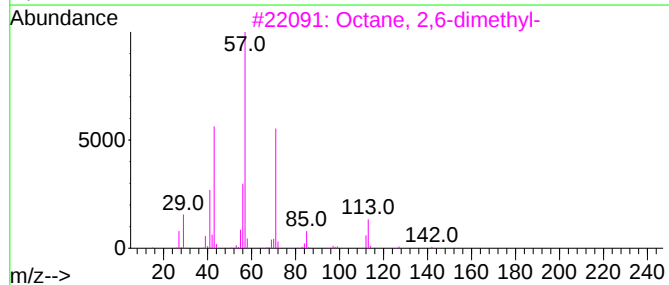
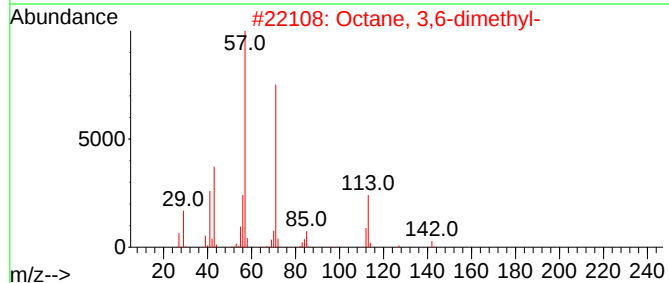
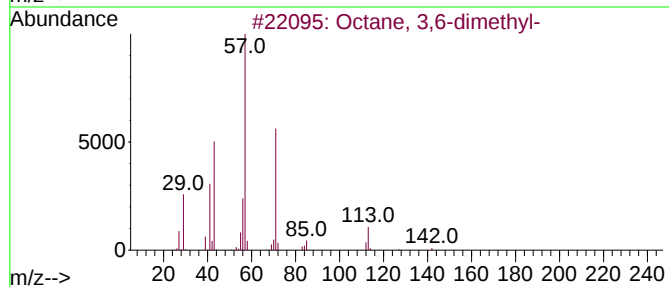
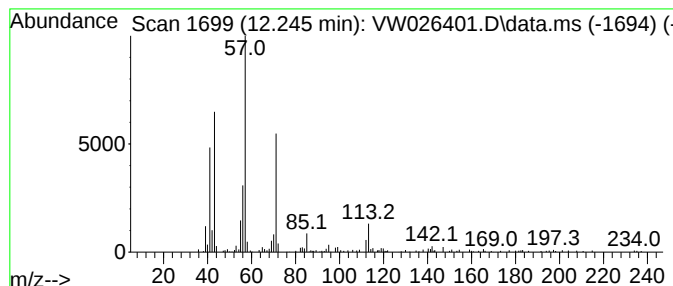
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.245	1.28 ug/L	92370	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64



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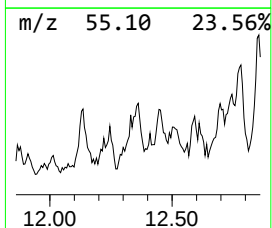
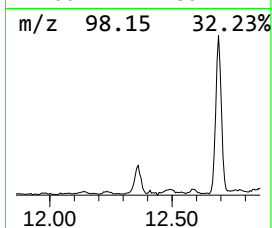
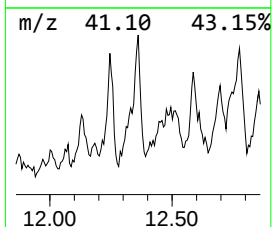
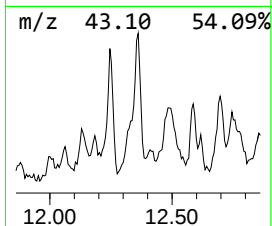
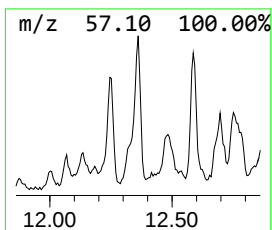
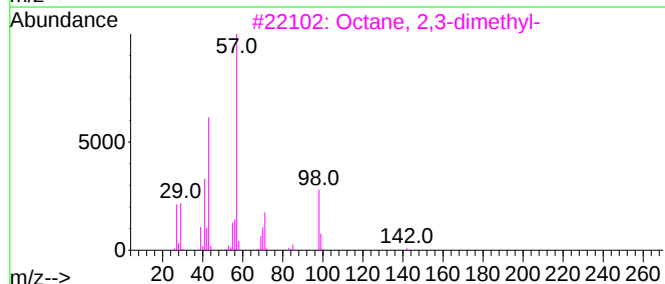
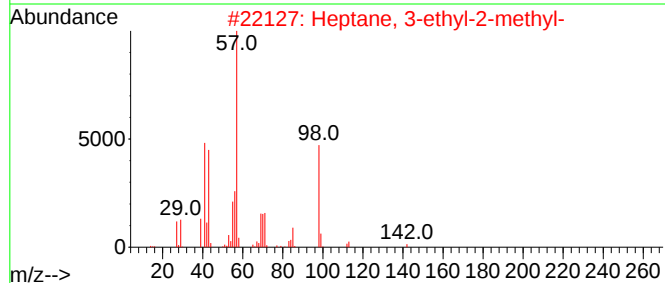
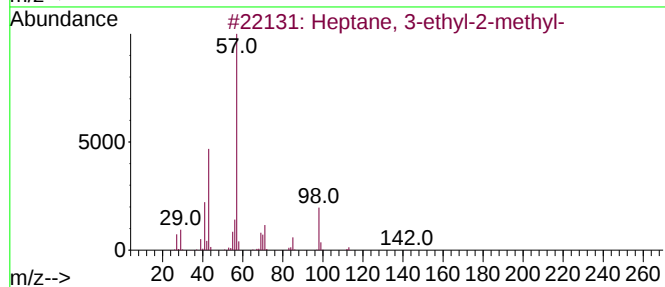
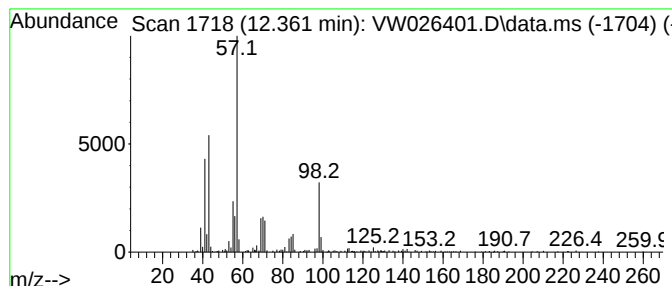
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ClientSampleId :
A46K6

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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.361	2.64 ug/L	190812	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	83
2	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	83
3	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	83
4	Undecane, 6-methyl-		170	C12H26	017302-33-9	72
5	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

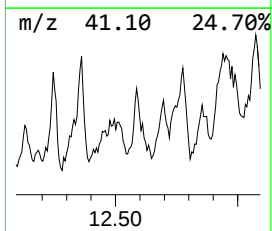
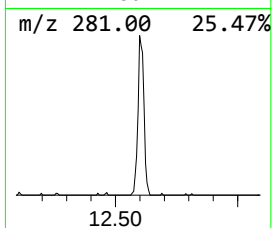
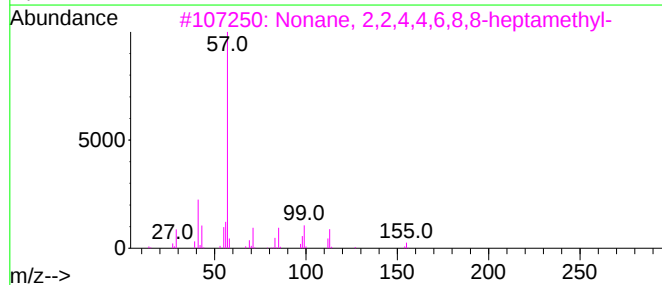
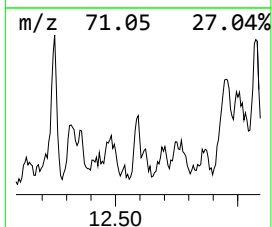
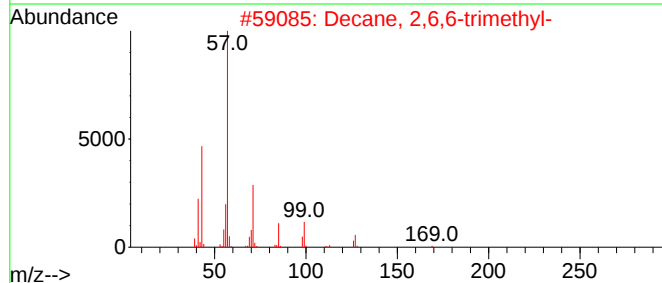
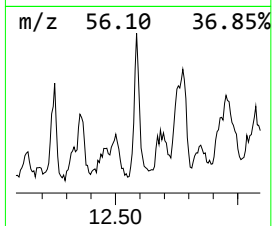
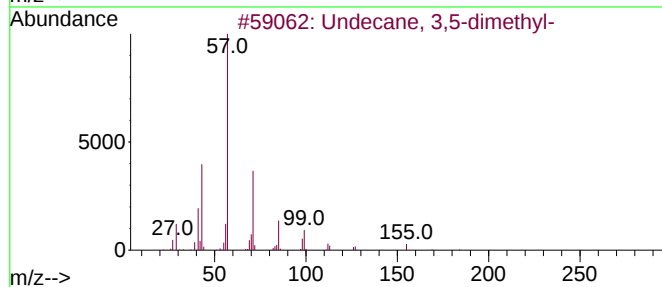
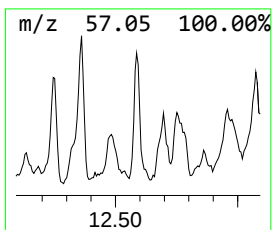
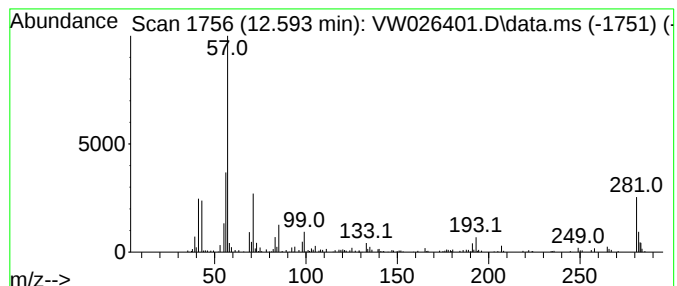
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.593	3.36 ug/L	135344	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	37
2			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	37
3			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	35
4			Tridecane, 3-methyl-	198	C14H30	006418-41-3	25
5			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	23



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

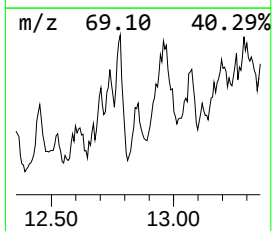
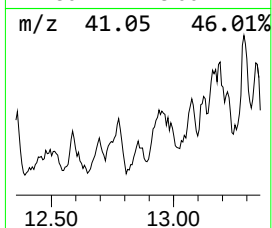
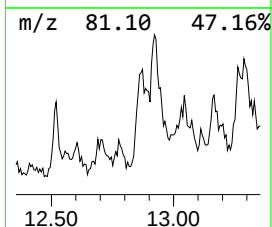
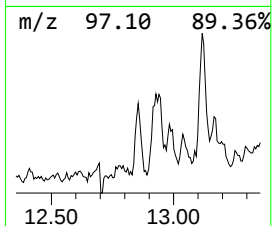
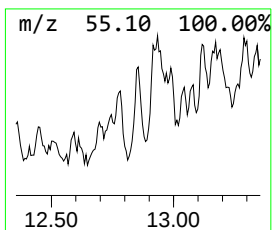
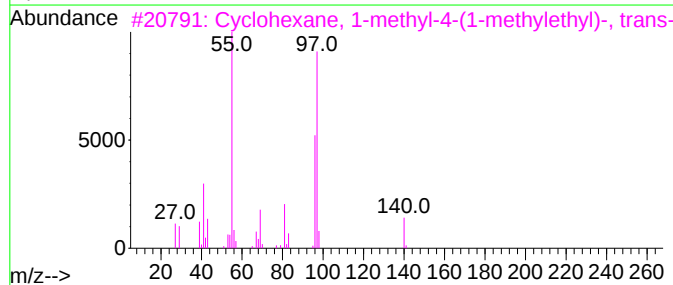
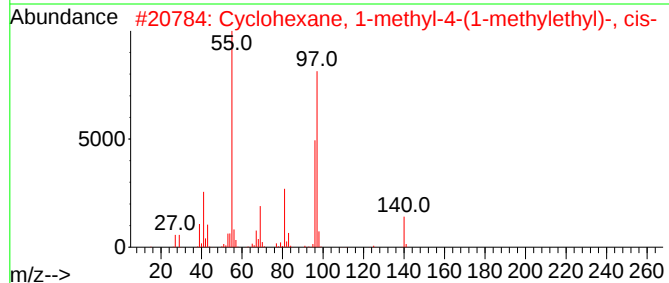
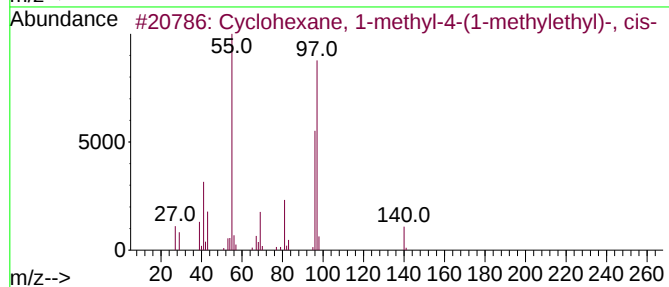
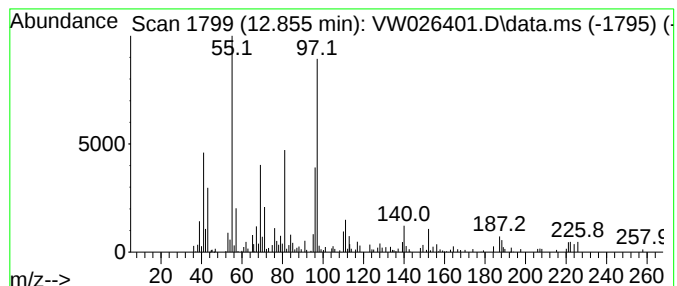
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic12.855 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	1.92 ug/L	77524	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	53
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

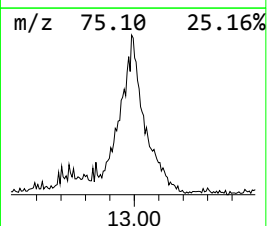
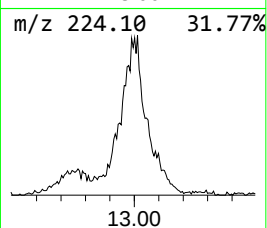
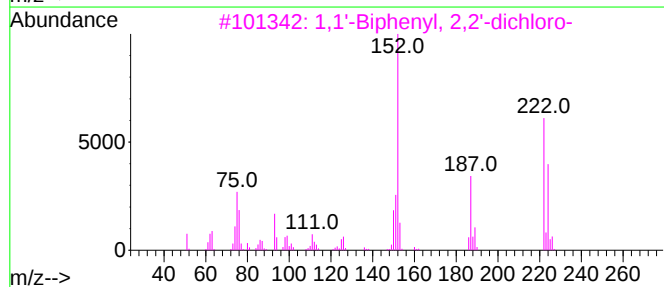
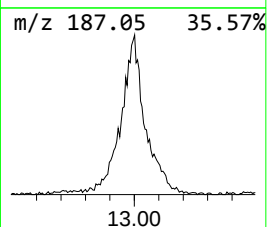
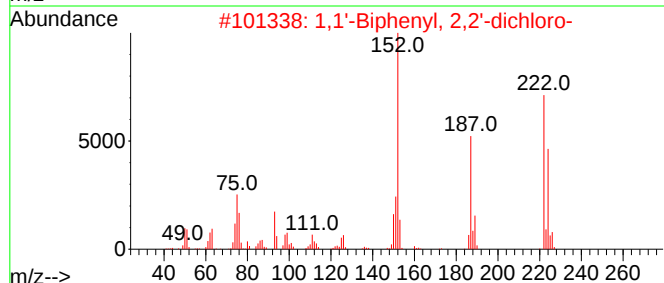
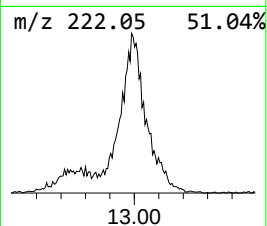
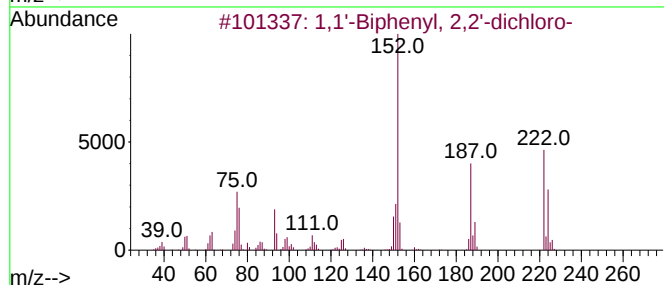
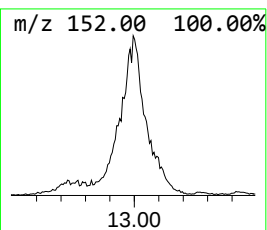
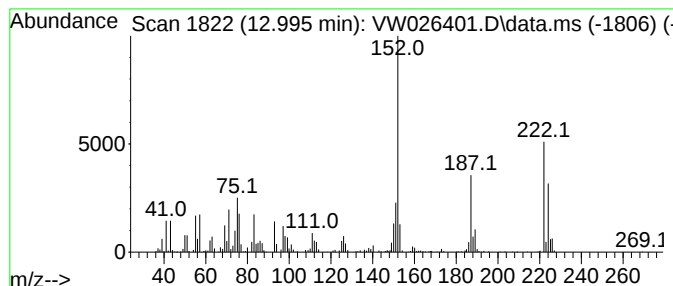
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Quant Title : SFAM01.0

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

Peak Number 7 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.995	23.01 ug/L	927167	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	99		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98		
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	93		
5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

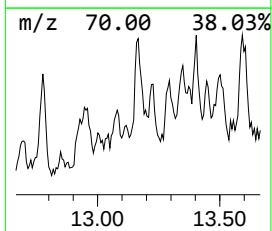
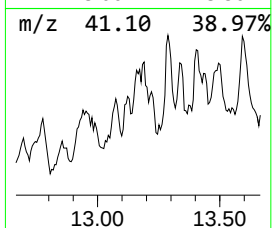
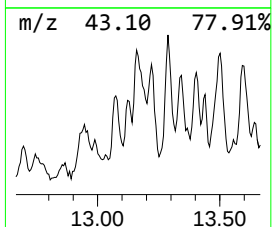
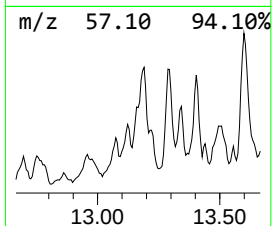
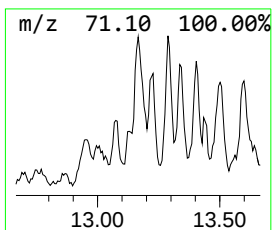
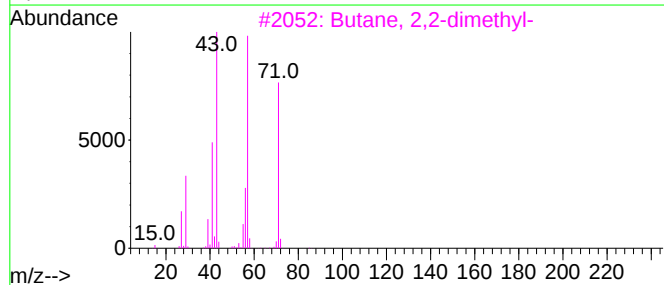
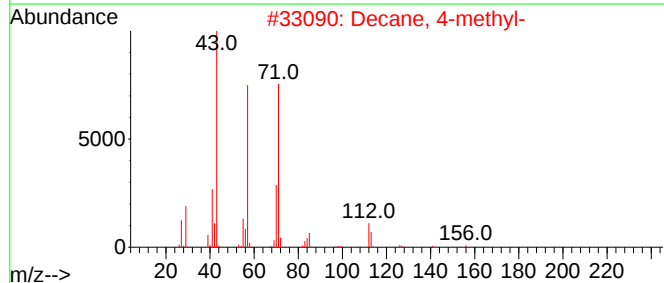
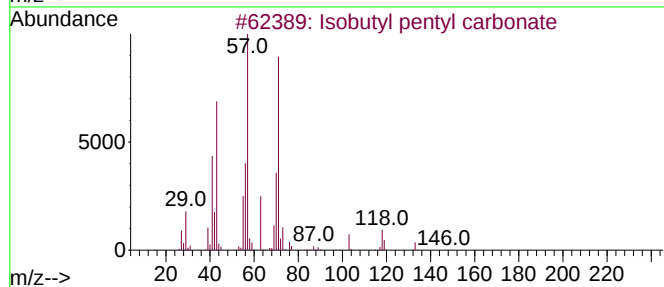
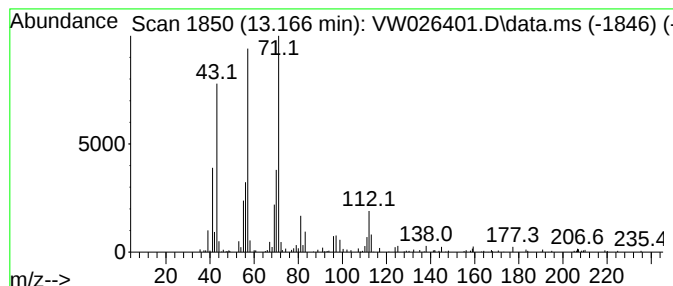
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Quant Title : SFAM01.0

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

Peak Number 8 Isobutyl pentyl carbonate Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.166	2.33 ug/L	93836	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	72
2			Decane, 4-methyl-	156	C11H24	002847-72-5	64
3			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
5			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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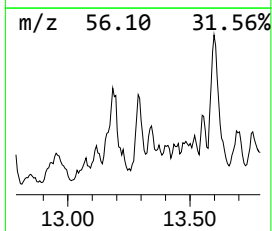
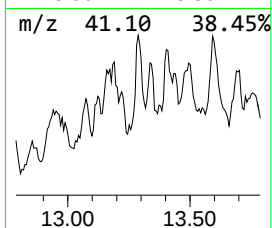
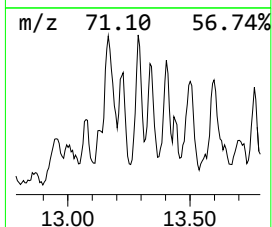
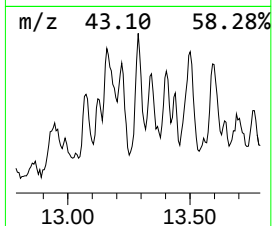
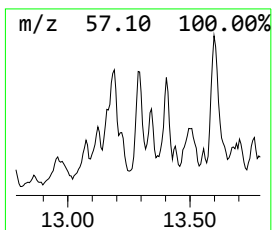
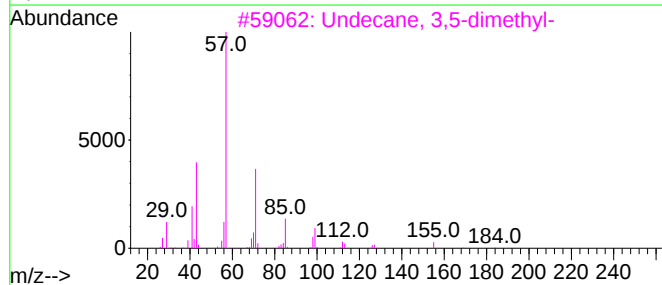
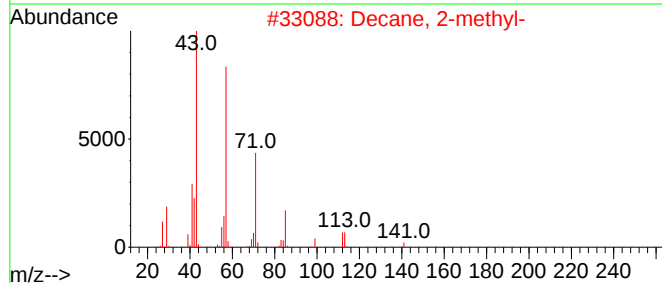
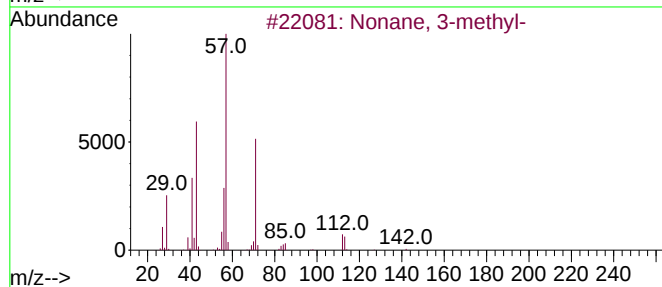
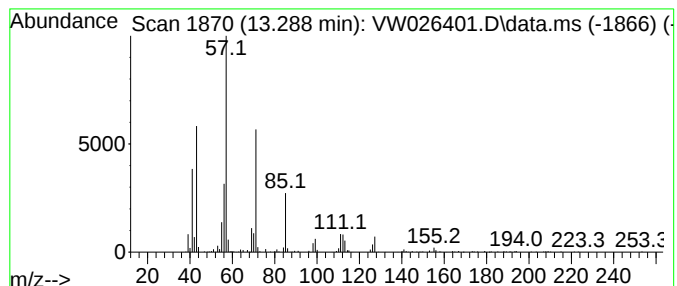
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	3.99 ug/L	160778	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	70
2		Decane, 2-methyl-	156	C11H24	006975-98-0	64
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

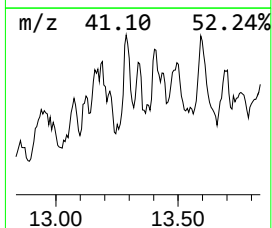
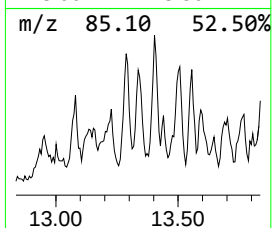
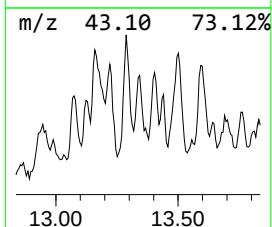
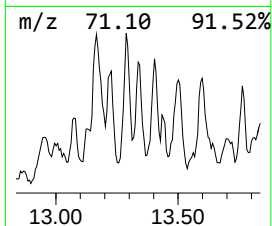
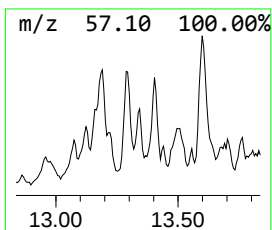
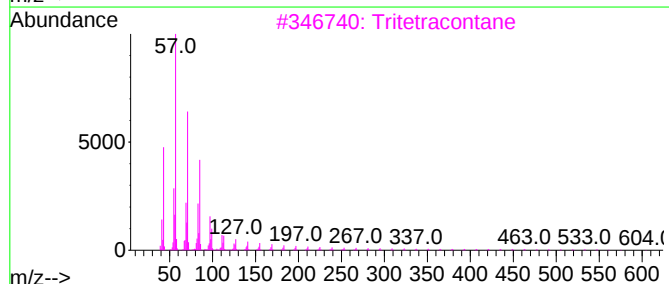
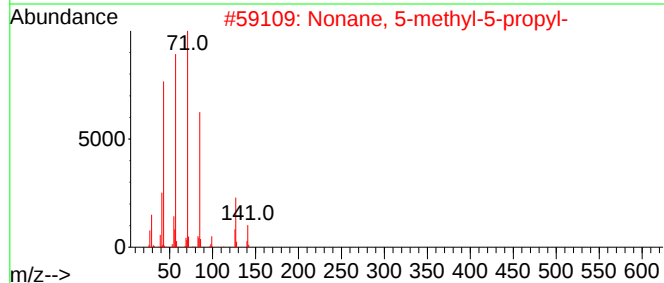
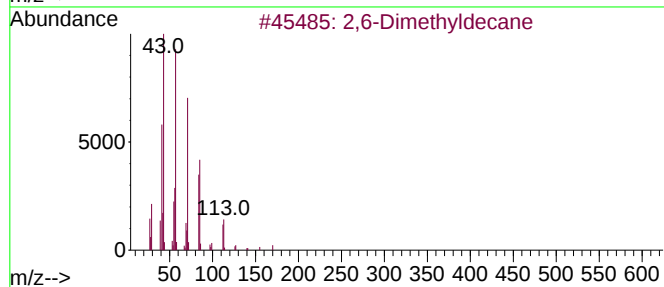
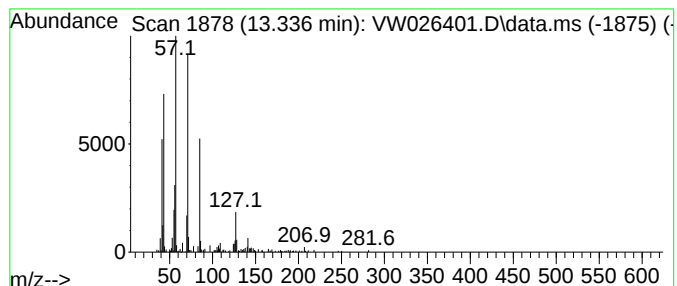
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.336	1.43 ug/L	57625	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane		170	C12H26	013150-81-7	72
2	Nonane, 5-methyl-5-propyl-		184	C13H28	017312-75-3	72
3	Tritetracontane		605	C43H88	007098-21-7	72
4	Heneicosane		296	C21H44	000629-94-7	72
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

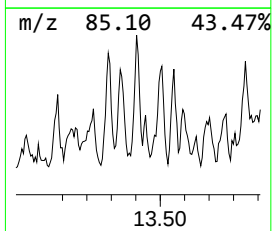
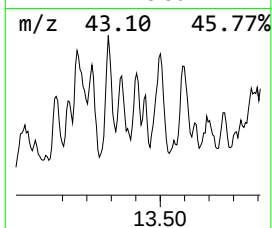
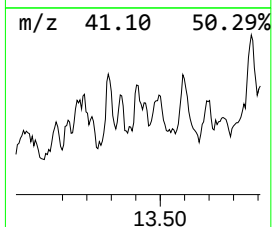
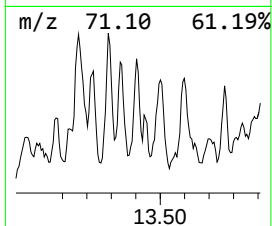
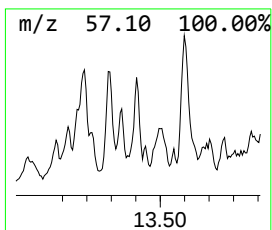
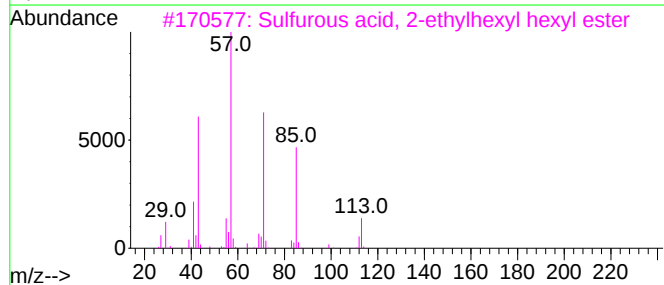
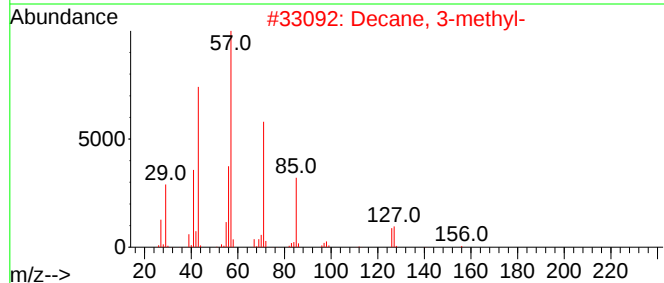
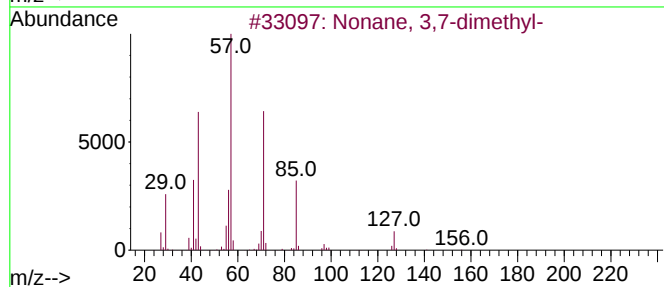
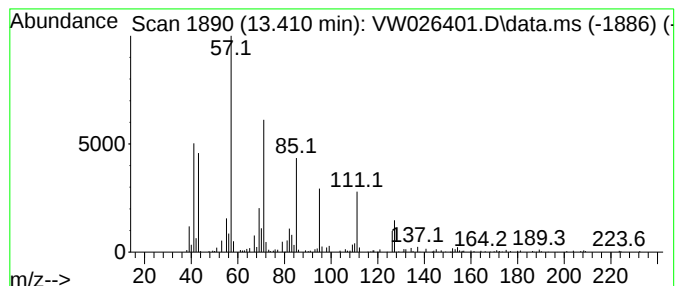
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	2.80 ug/L	112906	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	53
2			Decane, 3-methyl-	156	C11H24	013151-34-3	52
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

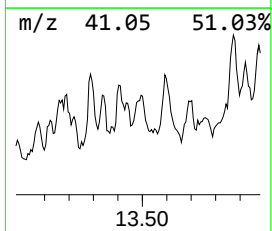
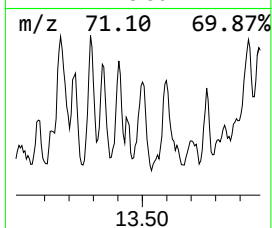
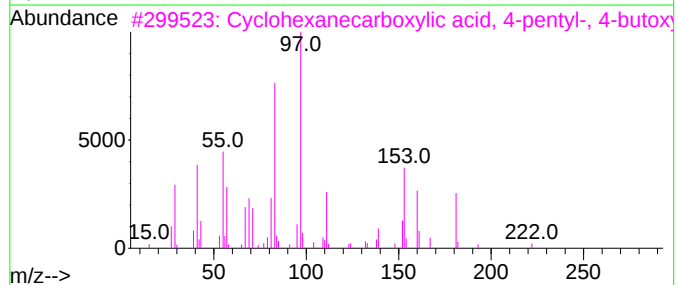
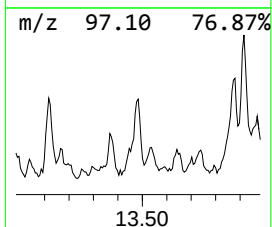
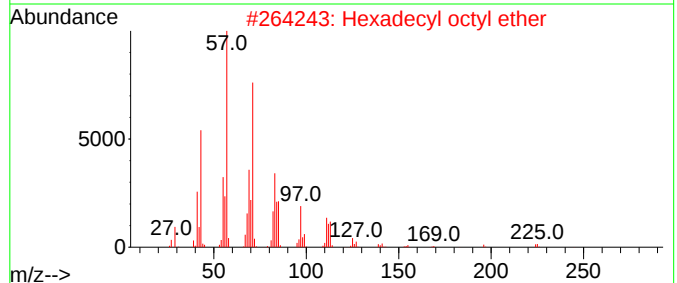
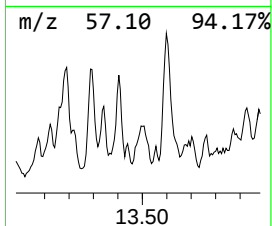
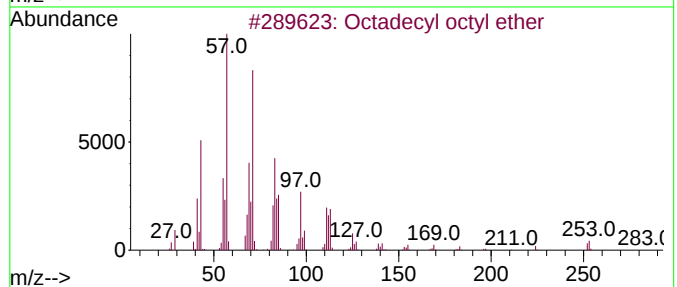
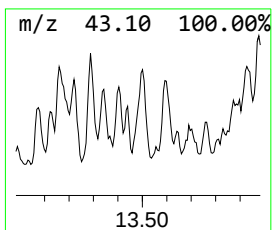
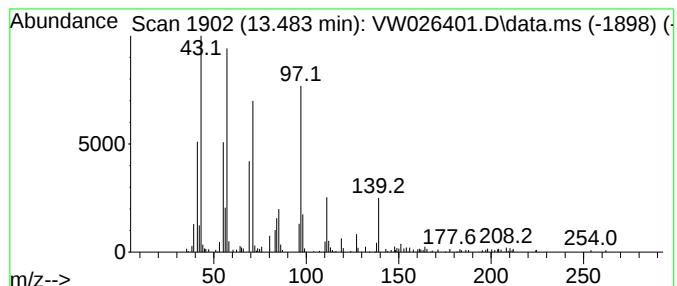
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.483	1.41 ug/L	57022	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecyl octyl ether	382	C26H54O	1000406-38-7	43
2			Hexadecyl octyl ether	354	C24H50O	1000406-38-6	43
3			Cyclohexanecarboxylic acid, 4-pe...	396	C24H32N2O3	075941-47-8	38
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	30
5			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

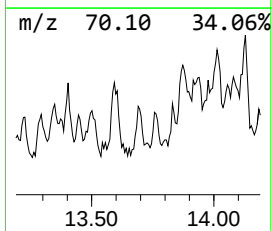
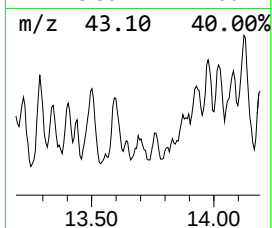
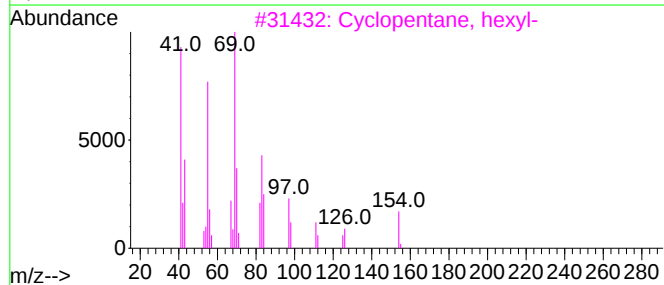
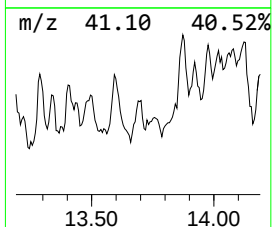
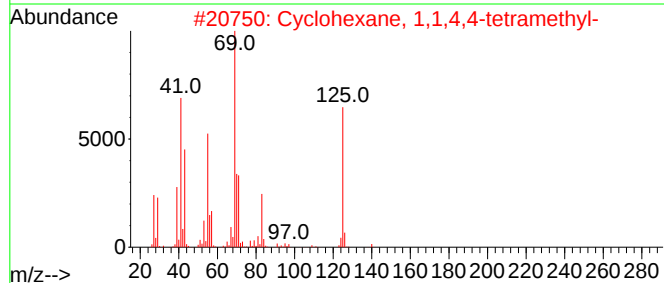
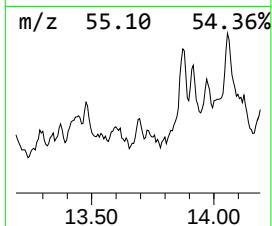
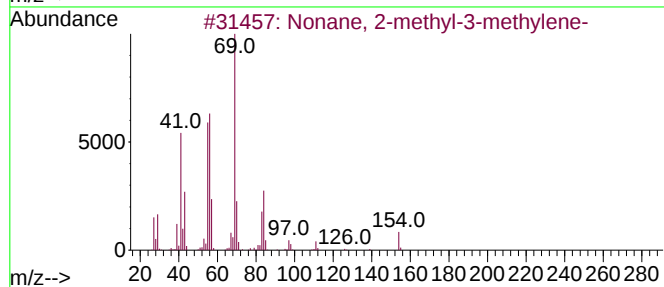
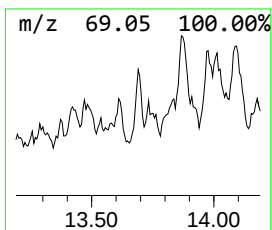
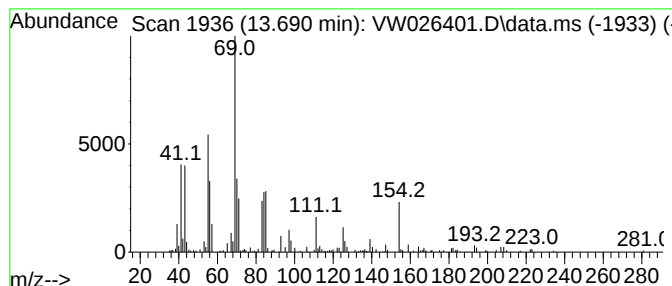
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	1.71 ug/L	69026	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	59
2		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	53
3		Cyclopentane, hexyl-	154	C11H22	004457-00-5	53
4		2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	52
5		2-Undecene, 4-methyl-	168	C12H24	091695-32-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

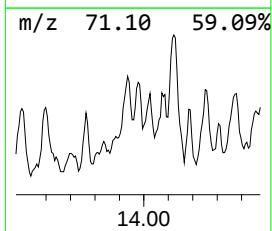
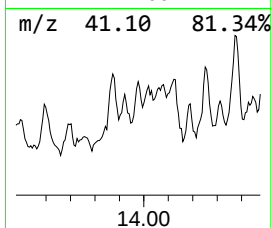
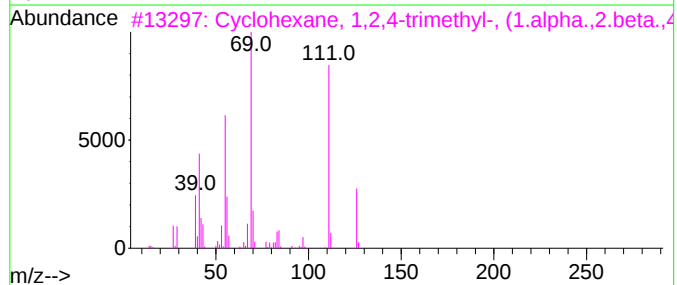
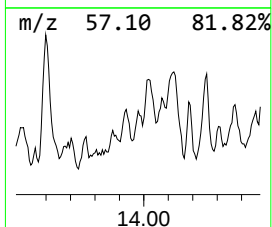
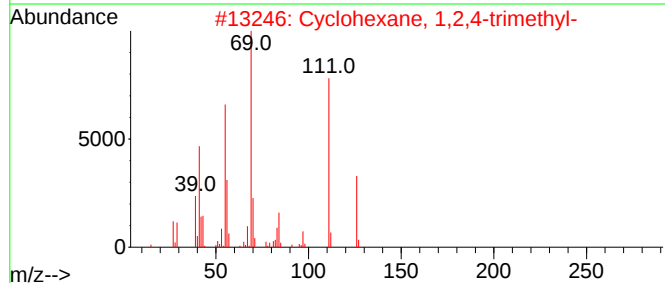
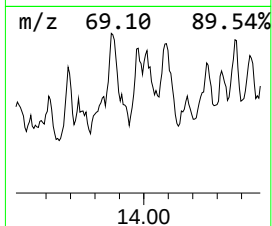
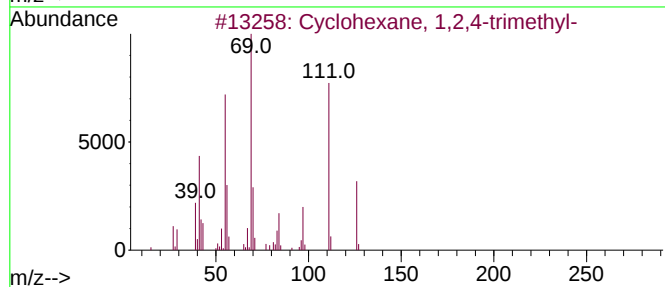
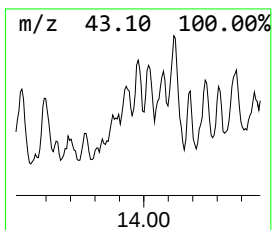
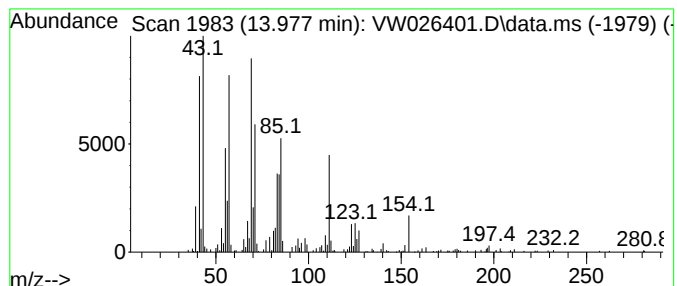
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic13.977 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	3.20 ug/L	128921	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46
3			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	41
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
5			2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

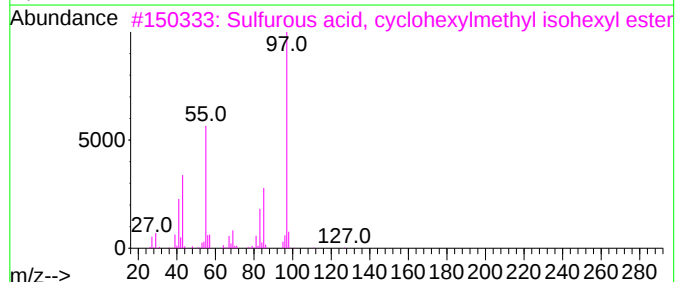
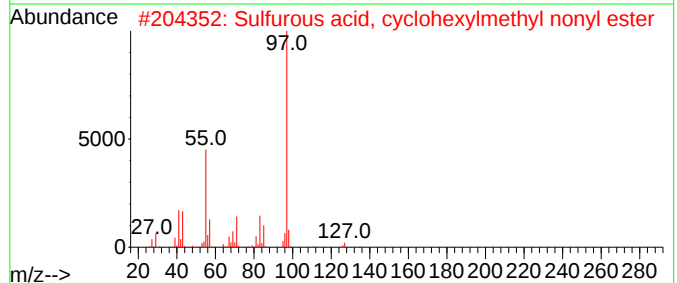
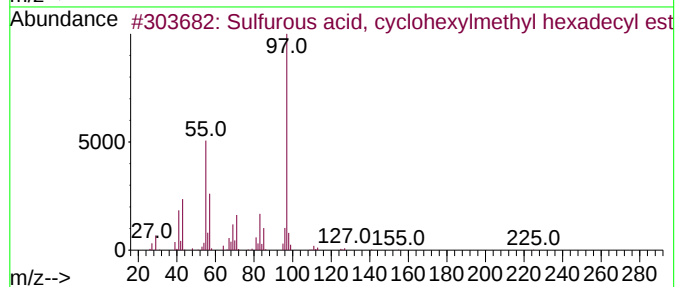
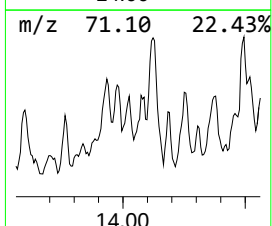
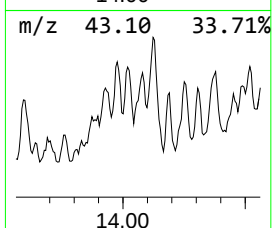
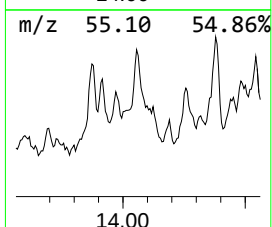
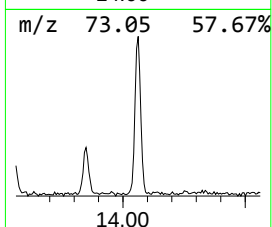
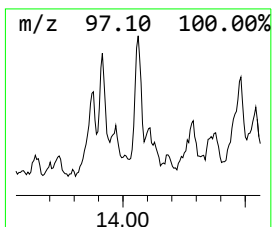
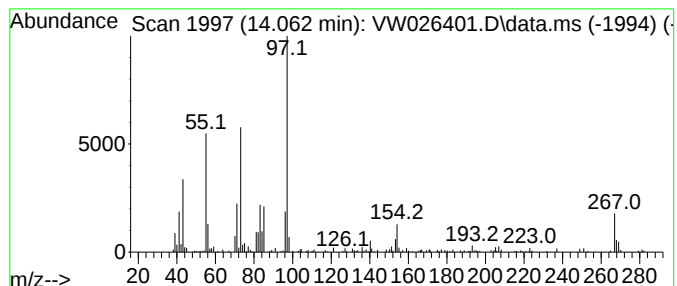
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Quant Title : SFAM01.0

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

Peak Number 15 Sulfurous acid, cyclohexylm... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	3.10 ug/L	125011	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			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	53
3			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	47
4			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	43
5			Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

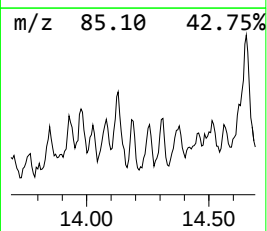
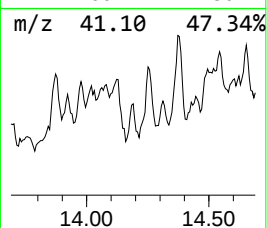
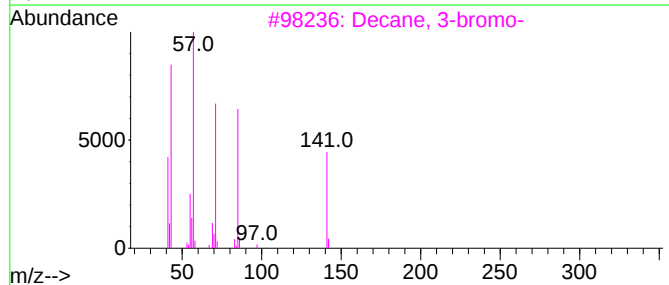
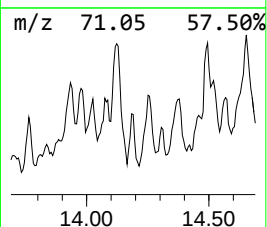
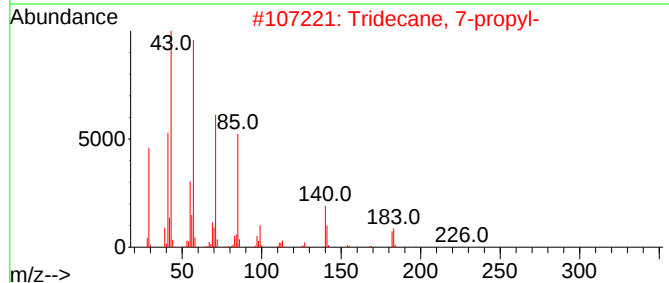
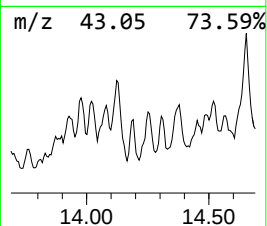
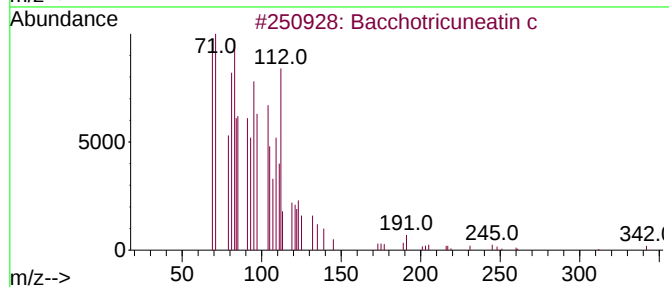
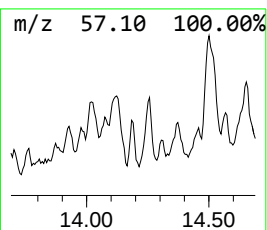
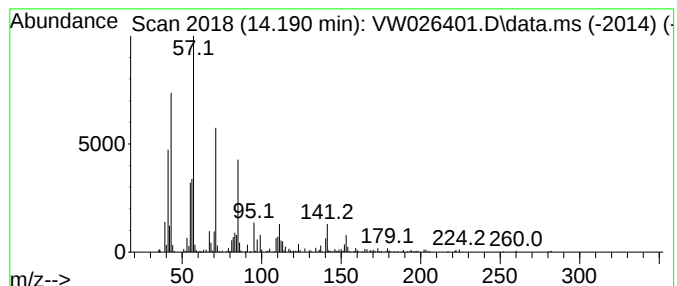
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Quant Title : SFAM01.0

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

Peak Number 16 Bacchotricuneatin c Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	3.14 ug/L	126497	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
2			Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
3			Decane, 3-bromo-	220	C10H21Br	030571-71-2	59
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	58
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

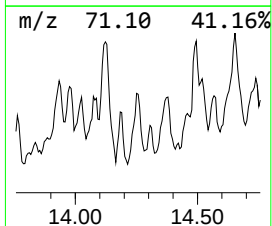
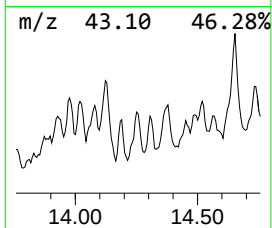
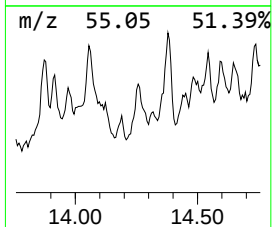
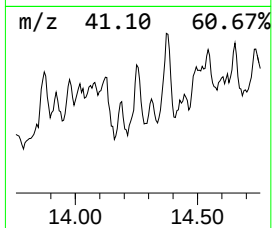
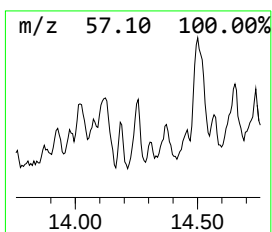
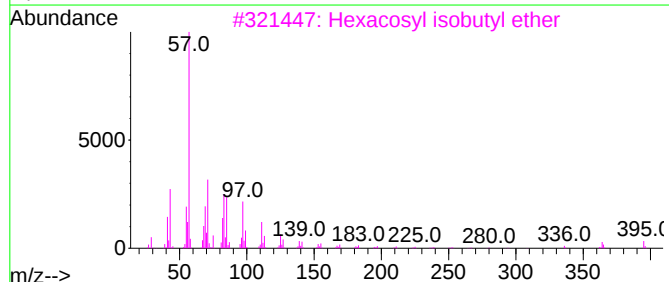
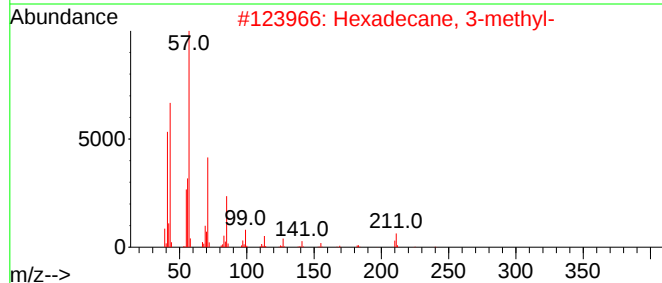
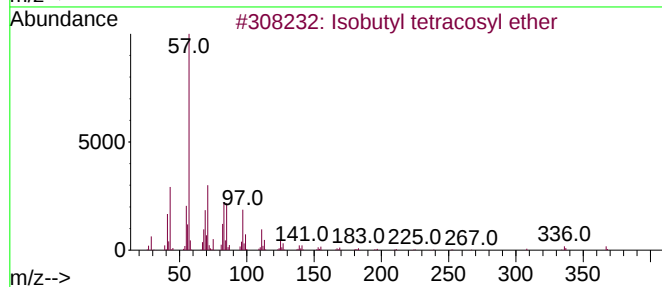
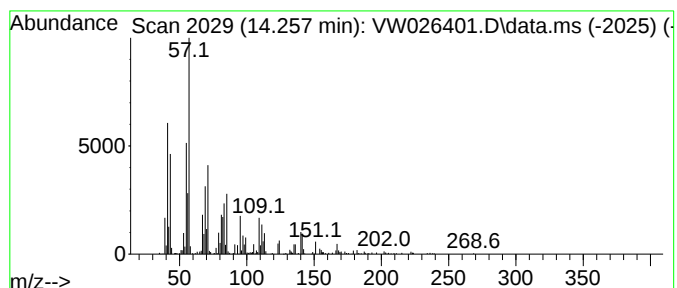
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Quant Title : SFAM01.0

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

Peak Number 17 Isobutyl tetracosyl ether Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	5.40 ug/L	217482	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	64
2			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	50
3			Hexacosyl isobutyl ether	438	C30H62O	1000406-33-3	47
4			Tritetracontane	605	C43H88	007098-21-7	47
5			5-Ethyldecane	170	C12H26	017302-36-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

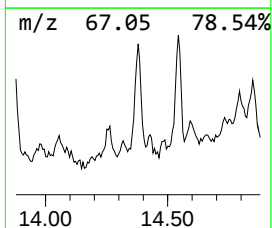
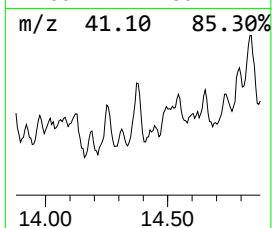
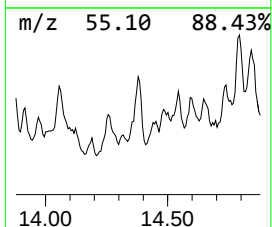
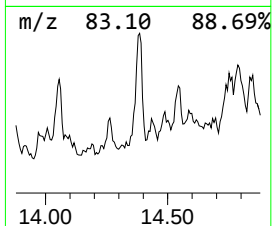
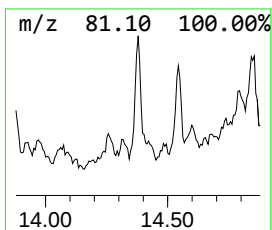
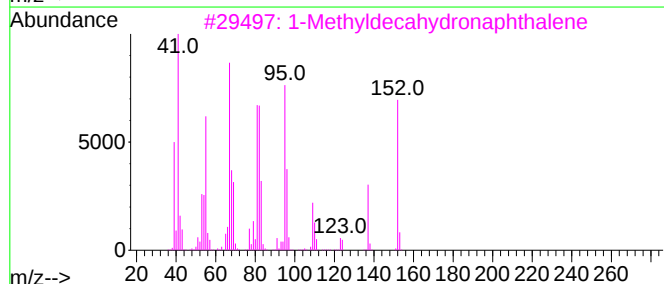
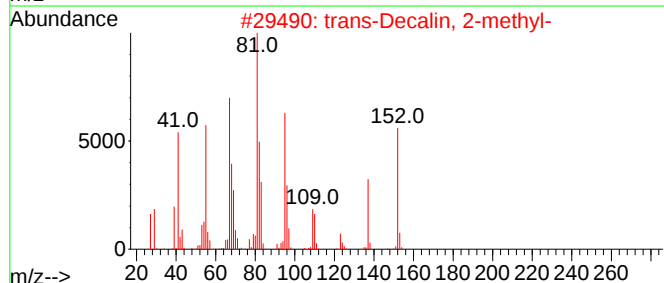
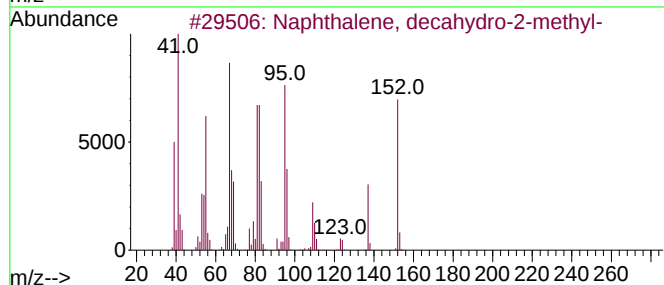
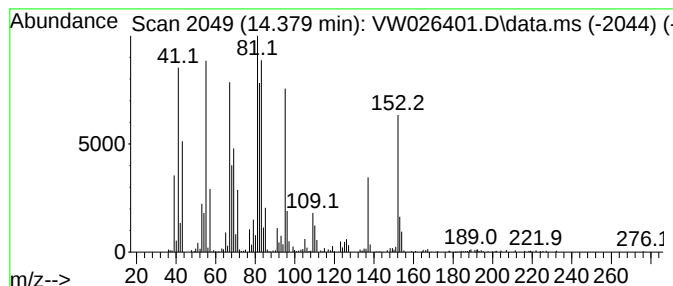
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Quant Title : SFAM01.0

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

Peak Number 18 Naphthalene, decahydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	7.92 ug/L	319121	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	64
4			Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	58
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

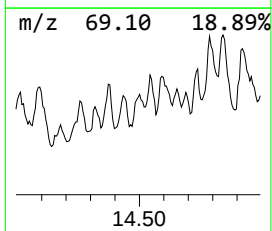
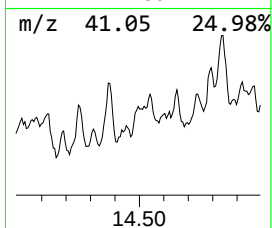
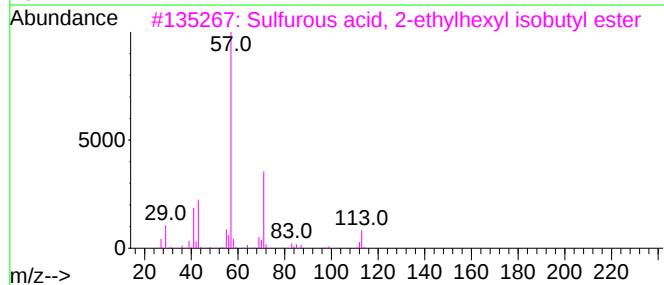
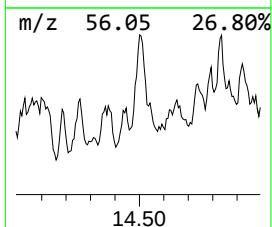
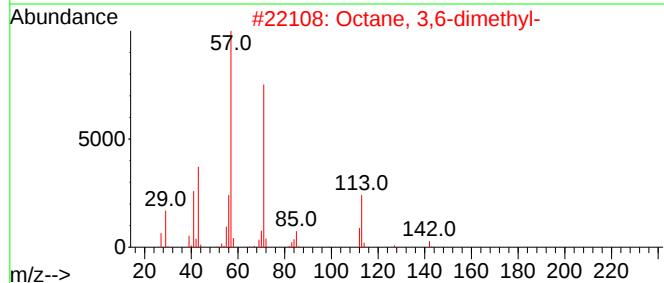
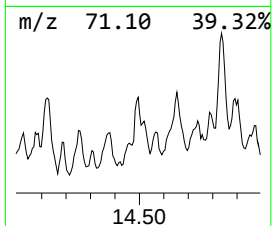
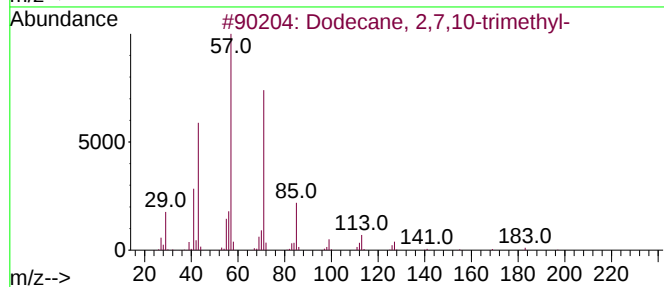
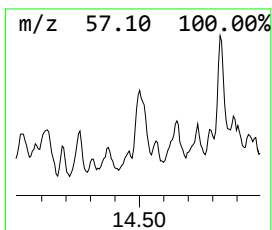
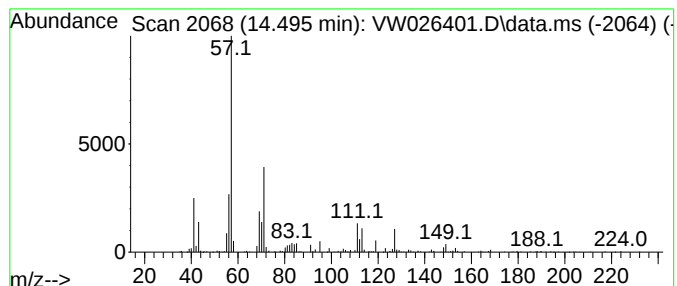
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	4.59 ug/L	185176	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	64
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3		Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	50
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

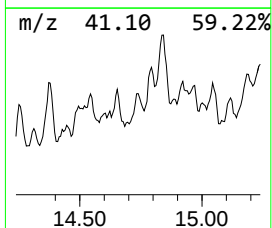
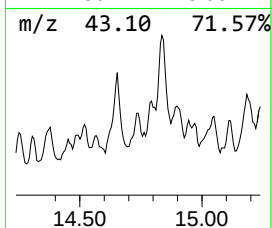
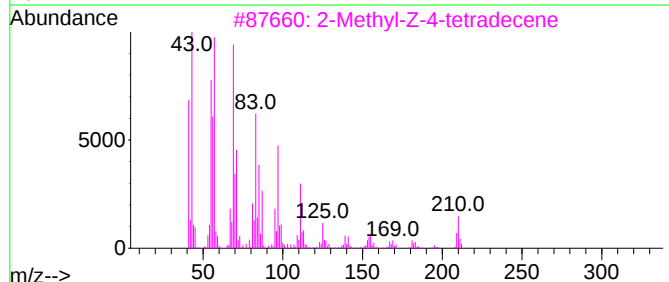
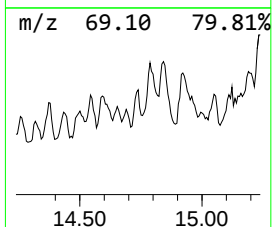
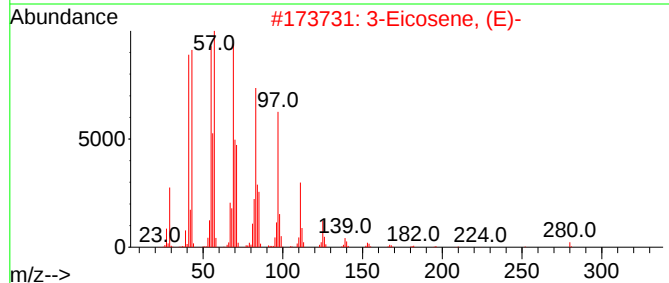
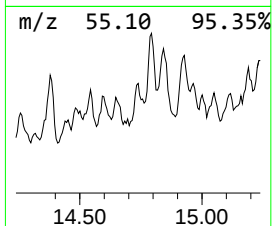
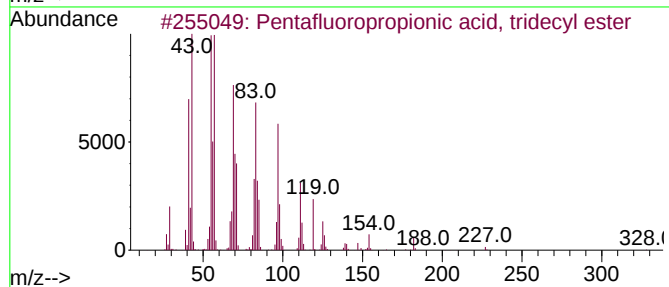
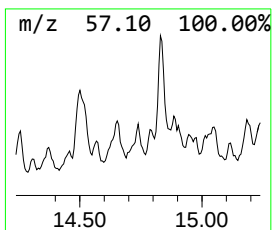
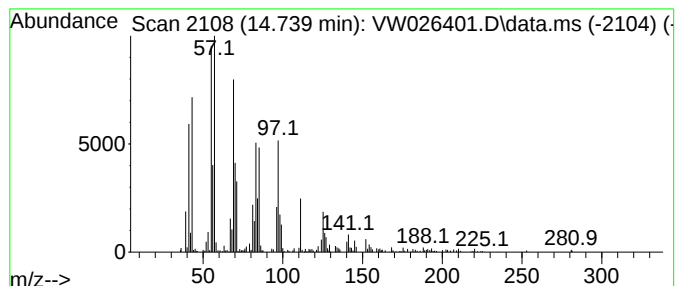
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Quant Title : SFAM01.0

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

Peak Number 20 Pentafluoropropionic acid, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	4.37 ug/L	176173	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	80
2			3-Eicosene, (E)-	280	C20H40	074685-33-9	80
3			2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	76
4			Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	72
5			Cyclopentadecane	210	C15H30	000295-48-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

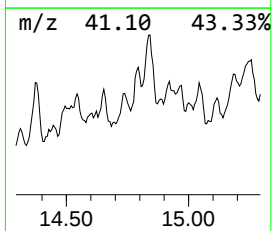
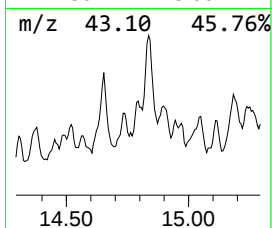
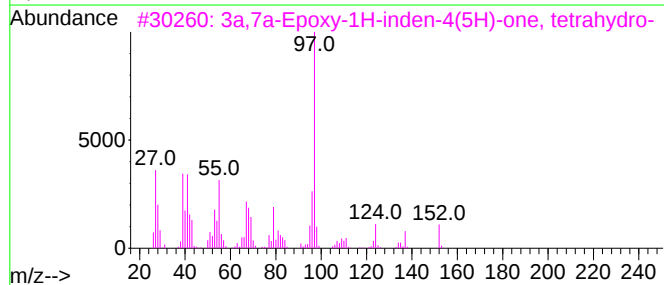
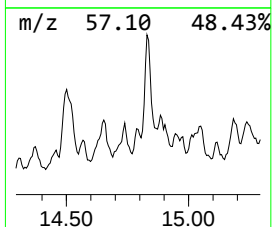
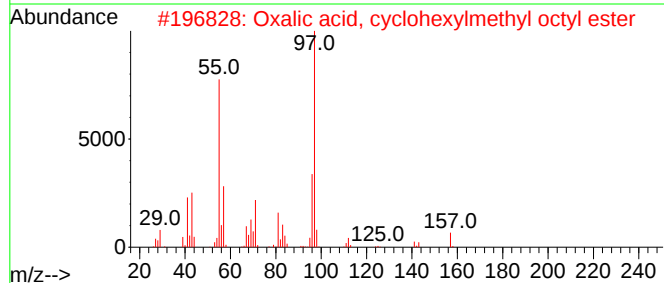
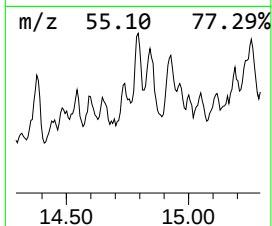
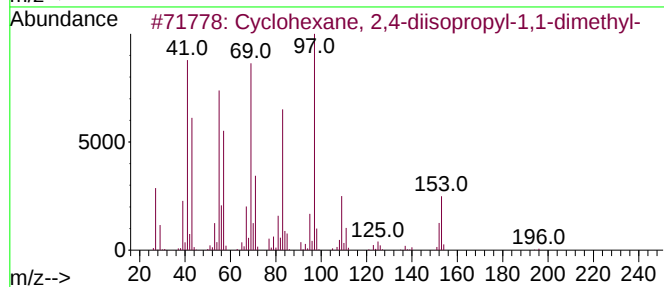
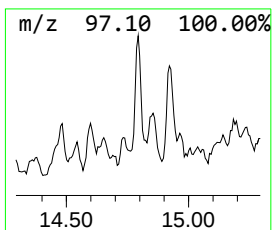
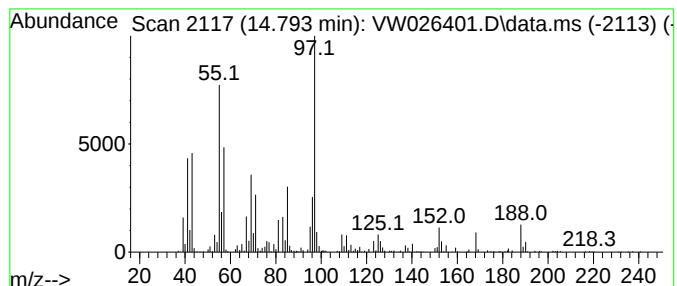
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic14.794 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.794	7.47 ug/L	300939	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	62
2			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	53
3			3a,7a-Epoxy-1H-inden-4(5H)-one, ...	152	C9H12O2	039746-31-1	53
4			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52
5			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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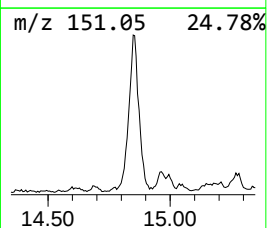
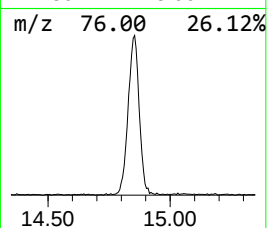
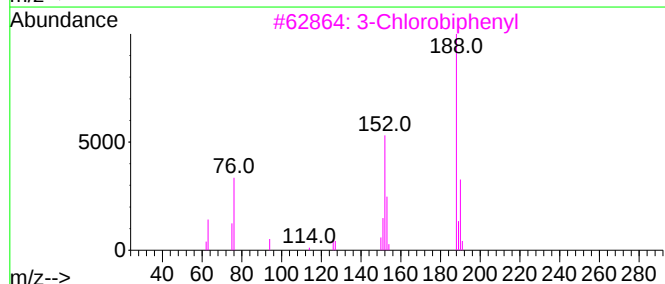
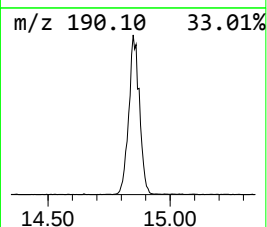
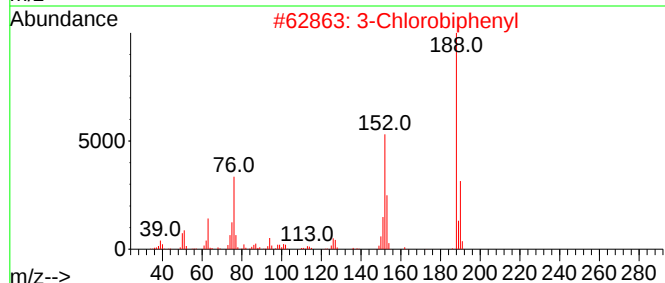
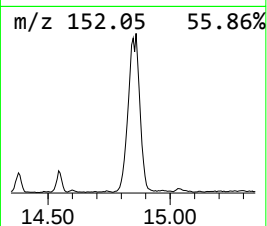
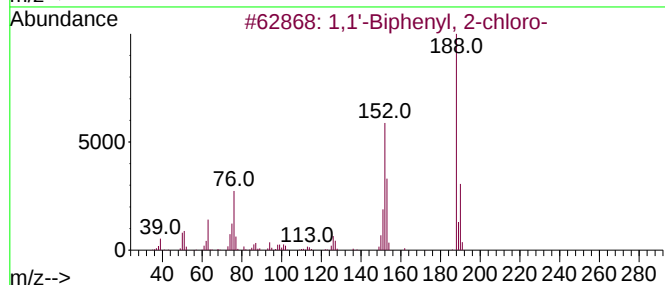
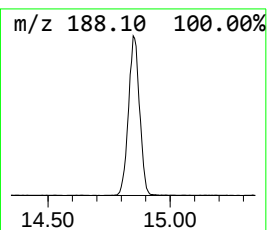
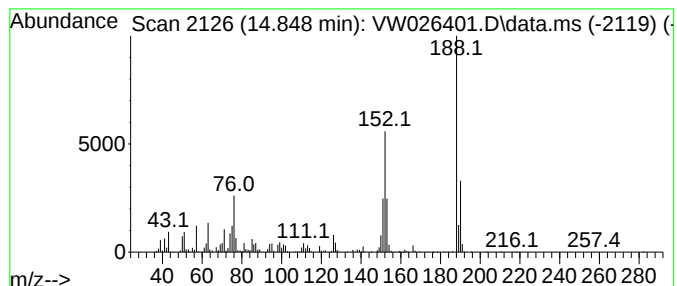
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Quant Title : SFAM01.0

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

Peak Number 22 1,1'-Biphenyl, 2-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	58.39 ug/L	2353130	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	98
2			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	98
3			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	98
4			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
5			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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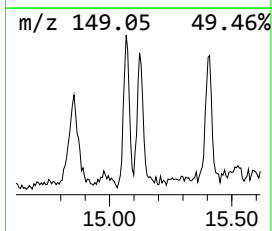
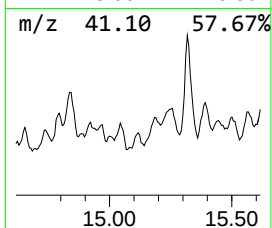
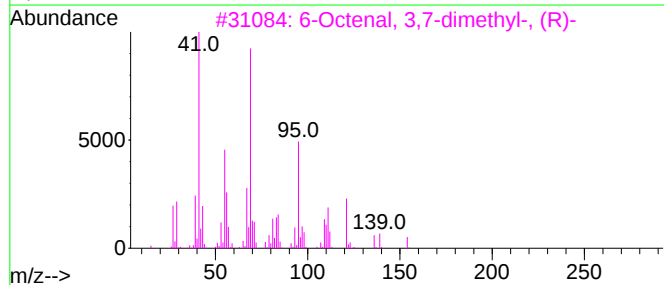
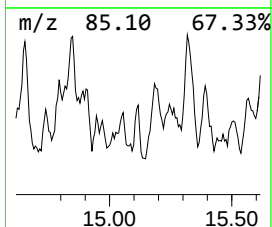
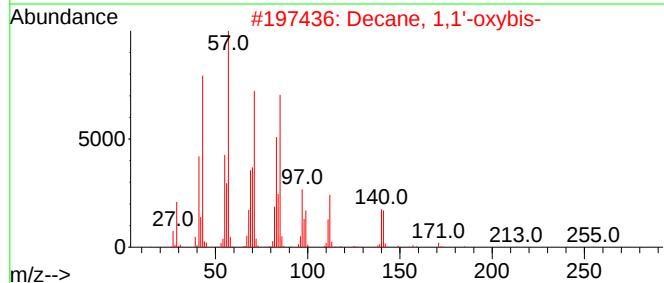
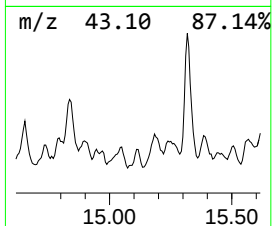
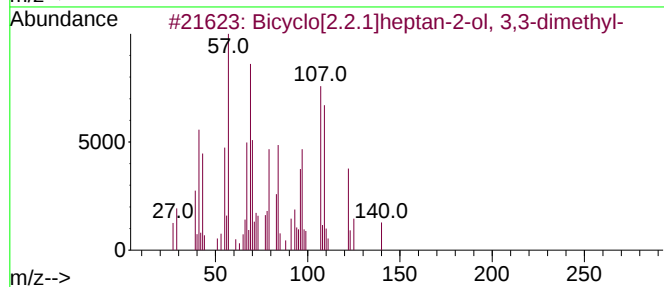
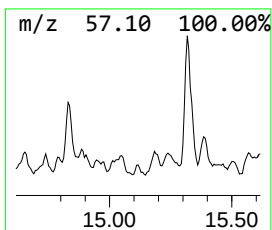
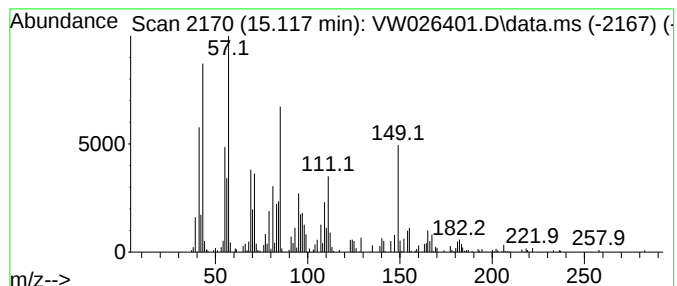
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Quant Title : SFAM01.0

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

Peak Number 23 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	2.36 ug/L	95285	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-ol, 3,3-d...	140	C9H16O	005957-68-6	25
2			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	22
3			6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	22
4			Oxalic acid, hexyl tetradecyl ester	370	C22H42O4	1000309-24-8	18
5			Oxalic acid, hexadecyl hexyl ester	398	C24H46O4	1010309-25-0	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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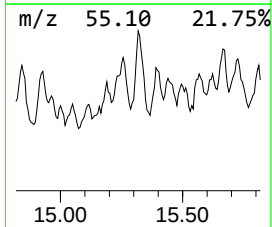
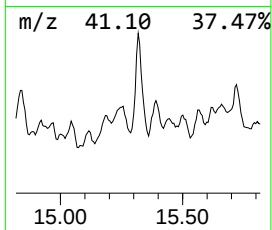
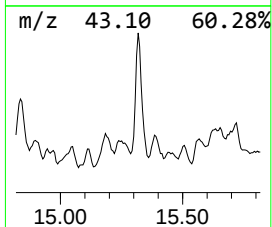
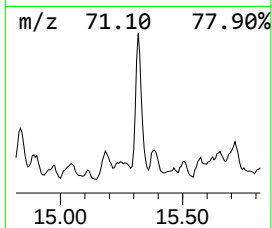
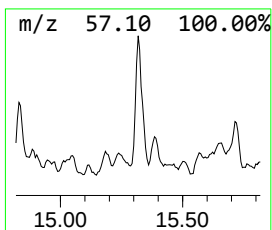
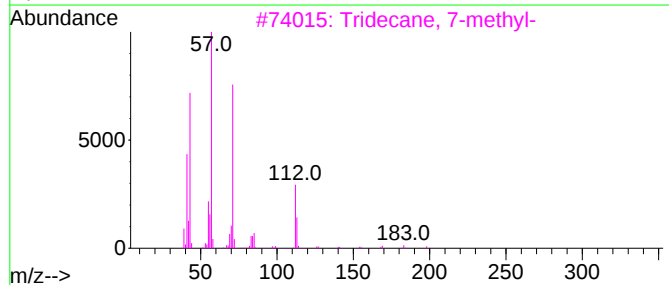
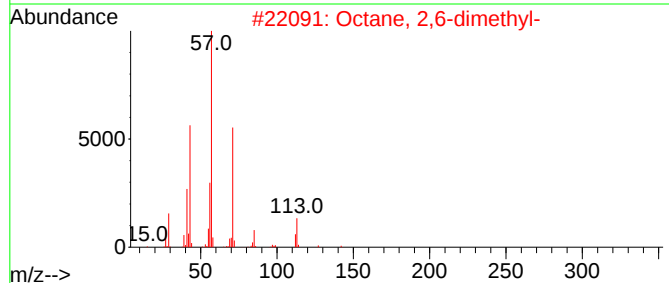
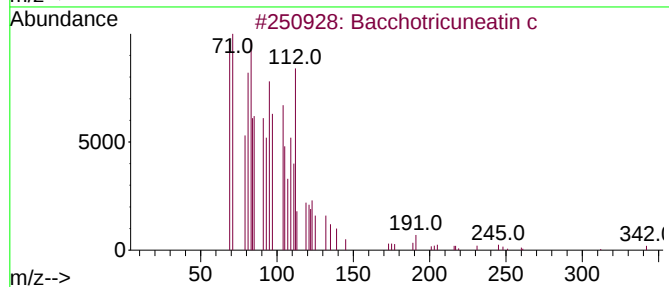
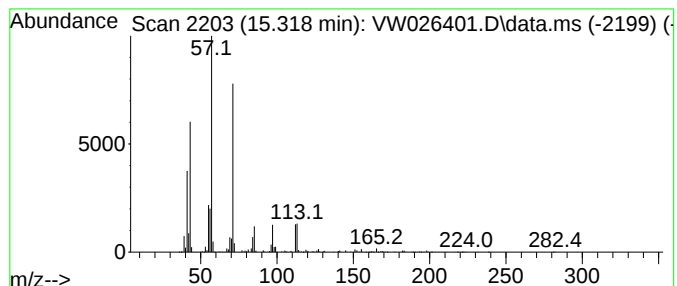
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Quant Title : SFAM01.0

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

Peak Number 24 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	22.99 ug/L	926393	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
4			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
5			Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

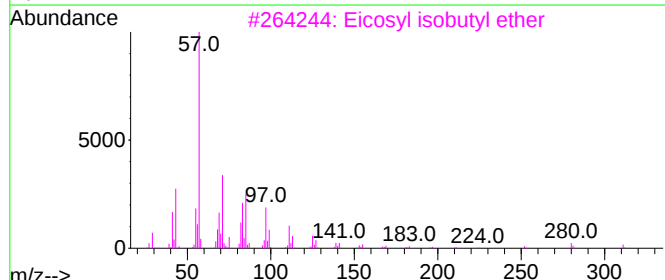
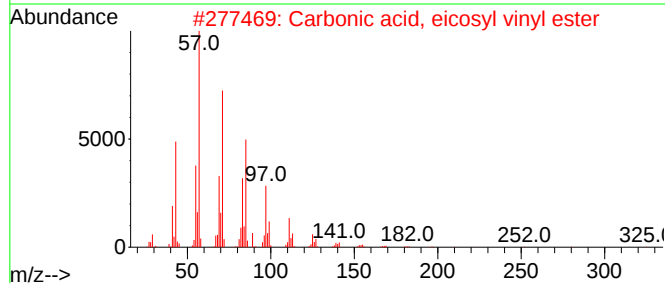
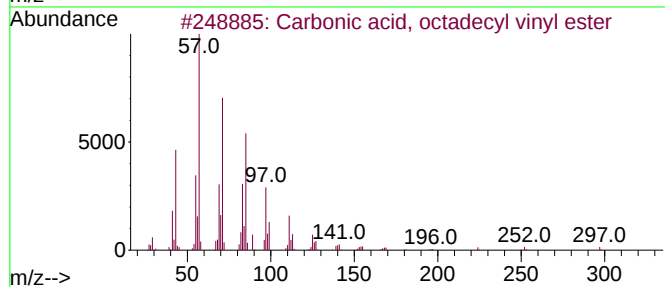
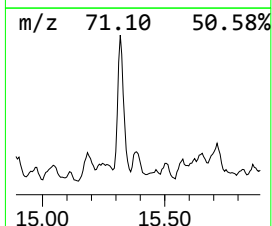
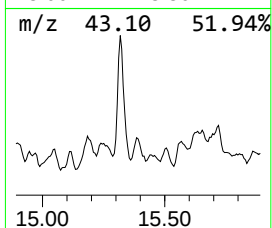
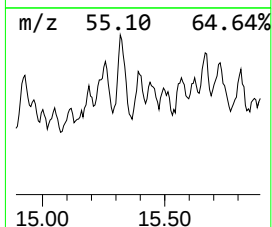
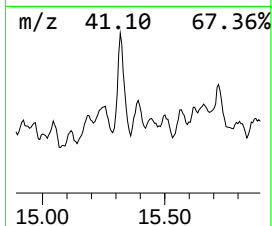
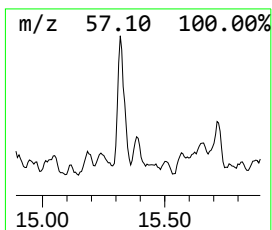
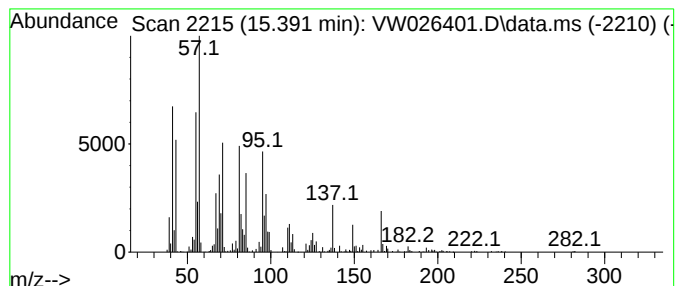
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Quant Title : SFAM01.0

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

Peak Number 25 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	10.22 ug/L	412003	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	43
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	43
3			Eicosyl isobutyl ether	354	C24H50O	1000406-33-0	43
4			Dodecane	170	C12H26	000112-40-3	38
5			Docosyl isobutyl ether	382	C26H54O	1000406-33-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

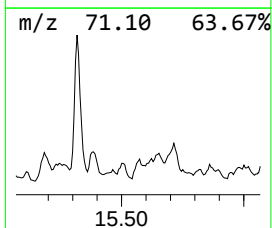
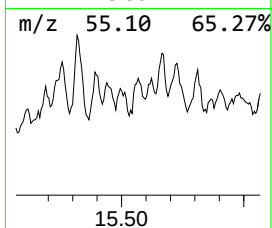
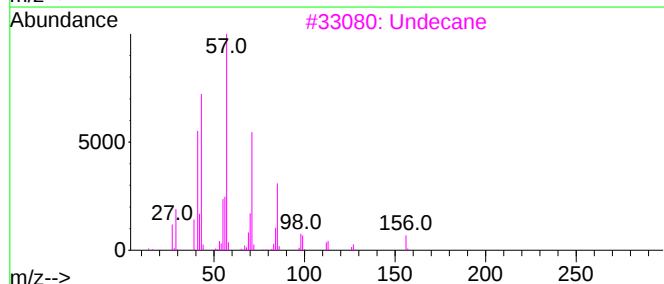
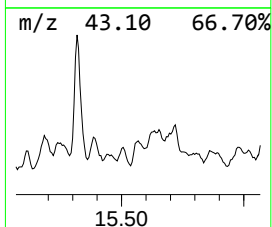
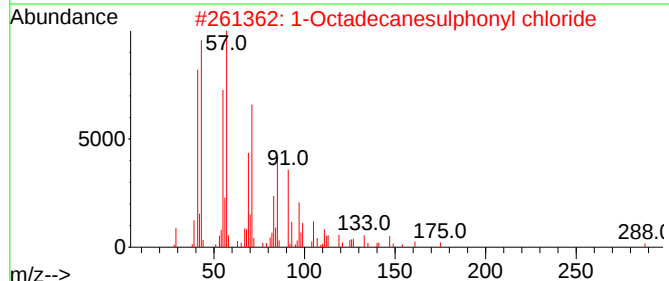
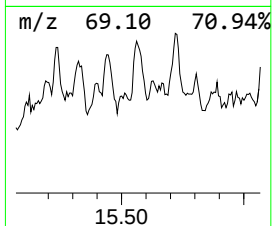
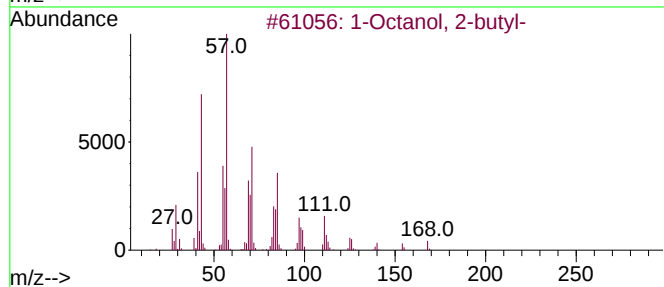
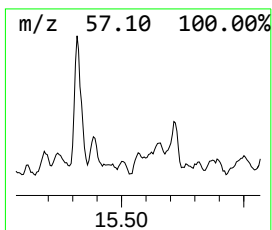
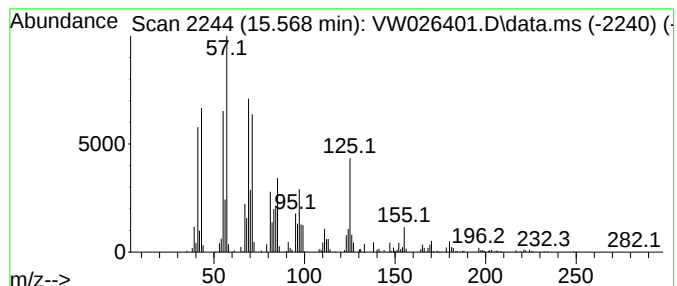
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Quant Title : SFAM01.0

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

Peak Number 26 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	8.66 ug/L	348802	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	46
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	43
3		Undecane	156	C11H24	001120-21-4	42
4		Dodecane	170	C12H26	000112-40-3	42
5		Dodecane	170	C12H26	000112-40-3	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026401.D
Acq On : 28 Jun 2023 16:21
Operator : SY/MD
Sample : 03421-21
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6

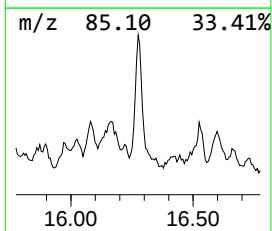
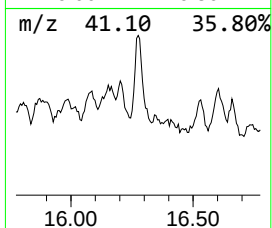
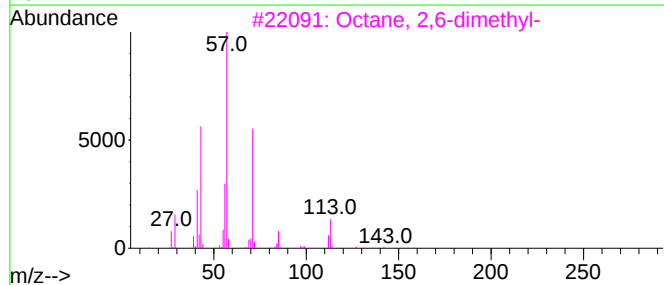
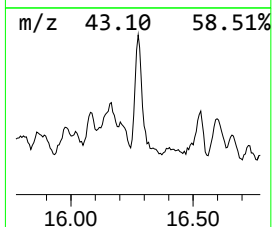
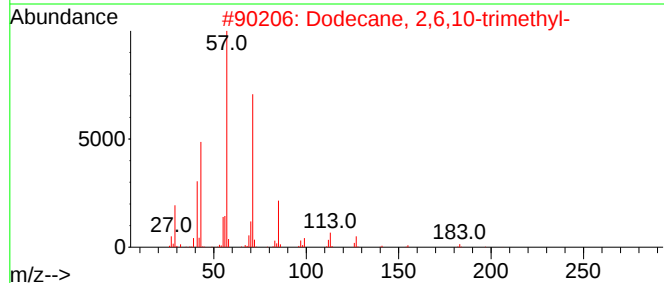
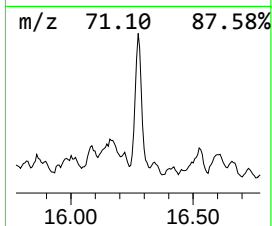
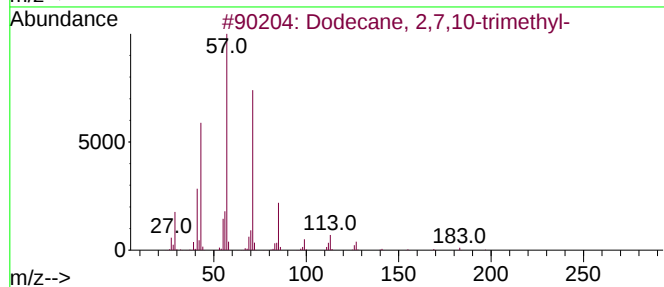
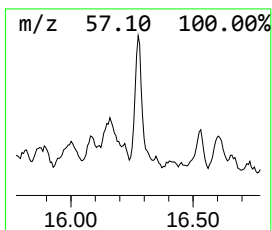
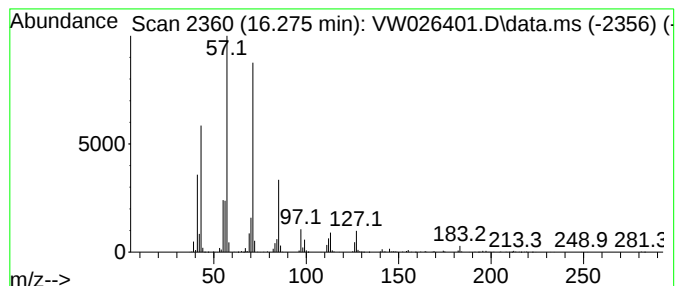
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	17.84 ug/L	718782	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	86
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026401.D
 Acq On : 28 Jun 2023 16:21
 Operator : SY/MD
 Sample : 03421-21
 Misc : 4.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	11.380	2.0	ug/L	146886	2	11.629	1808620	25.0
(DEL) Alkane: S...	12.245	1.3	ug/L	92370	2	11.629	1808620	25.0
(DEL) Alkane: S...	12.361	2.6	ug/L	190812	2	11.629	1808620	25.0
(DEL) Alkane: S...	12.593	3.4	ug/L	135344	3	13.556	1007500	25.0
(DEL) Alkane: C...	12.855	1.9	ug/L	77524	3	13.556	1007500	25.0
1,1'-Biphenyl, ...	12.995	23.0	ug/L	927167	3	13.556	1007500	25.0
Isobutyl pentyl...	13.166	2.3	ug/L	93836	3	13.556	1007500	25.0
(DEL) Alkane: S...	13.288	4.0	ug/L	160778	3	13.556	1007500	25.0
(DEL) Alkane: S...	13.336	1.4	ug/L	57625	3	13.556	1007500	25.0
(DEL) Alkane: S...	13.410	2.8	ug/L	112906	3	13.556	1007500	25.0
unknown-01	13.483	1.4	ug/L	57022	3	13.556	1007500	25.0
(DEL) Alkane: S...	13.690	1.7	ug/L	69026	3	13.556	1007500	25.0
(DEL) Alkane: C...	13.977	3.2	ug/L	128921	3	13.556	1007500	25.0
Sulfurous acid,...	14.062	3.1	ug/L	125011	3	13.556	1007500	25.0
Bacchotricuneat...	14.190	3.1	ug/L	126497	3	13.556	1007500	25.0
Isobutyl tetrac...	14.257	5.4	ug/L	217482	3	13.556	1007500	25.0
Naphthalene, de...	14.379	7.9	ug/L	319121	3	13.556	1007500	25.0
(DEL) Alkane: S...	14.495	4.6	ug/L	185176	3	13.556	1007500	25.0
Pentafluoroprop...	14.739	4.4	ug/L	176173	3	13.556	1007500	25.0
(DEL) Alkane: C...	14.794	7.5	ug/L	300939	3	13.556	1007500	25.0
1,1'-Biphenyl, ...	14.848	58.4	ug/L	2353130	3	13.556	1007500	25.0
unknown-02	15.117	2.4	ug/L	95285	3	13.556	1007500	25.0
Sulfurous acid,...	15.318	23.0	ug/L	926393	3	13.556	1007500	25.0
unknown-03	15.391	10.2	ug/L	412003	3	13.556	1007500	25.0
unknown-04	15.568	8.7	ug/L	348802	3	13.556	1007500	25.0
(DEL) Alkane: S...	16.275	17.8	ug/L	718782	3	13.556	1007500	25.0