

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026398.D
 Acq On : 28 Jun 2023 15:09
 Operator : SY/MD
 Sample : 03421-02
 Misc : 5.33g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4634

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: VW026398.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	37	42	45	rBV2	9553	17441	0.25%	0.027%
2	2.223	51	55	60	rBV8	5274	12267	0.18%	0.019%
3	2.363	71	78	94	rBV	144840	406360	5.90%	0.639%
4	2.899	157	166	184	rBV	151412	456152	6.62%	0.717%
5	3.021	184	186	195	rVB10	4856	9602	0.14%	0.015%
6	3.107	197	200	201	rBV3	3234	4105	0.06%	0.006%
7	3.393	242	247	249	rBV4	4344	6484	0.09%	0.010%
8	3.600	276	281	285	rVB8	2174	3697	0.05%	0.006%
9	3.735	298	303	304	rBV5	1726	2777	0.04%	0.004%
10	3.856	318	323	324	rVV5	3309	3956	0.06%	0.006%
11	4.021	337	350	360	rBV	307674	1055715	15.33%	1.659%
12	4.119	360	366	379	rVB	120892	339382	4.93%	0.533%
13	4.393	399	411	417	rBV	12455	42749	0.62%	0.067%
14	4.917	486	497	498	rBV3	12101	25844	0.38%	0.041%
15	5.088	522	525	527	rVV3	2455	2911	0.04%	0.005%
16	5.173	535	539	544	rVB8	2835	4941	0.07%	0.008%
17	5.454	583	585	591	rVB7	1976	2563	0.04%	0.004%
18	5.740	629	632	635	rBV5	1892	2736	0.04%	0.004%
19	5.783	635	639	642	rVB6	1946	2902	0.04%	0.005%
20	5.935	659	664	669	rBV9	5702	13122	0.19%	0.021%
21	6.039	675	681	683	rBV7	2008	3997	0.06%	0.006%
22	6.082	683	688	690	rVV6	2552	2618	0.04%	0.004%
23	6.143	694	698	700	rVV4	2022	2834	0.04%	0.004%
24	6.277	717	720	724	rVV6	3080	3947	0.06%	0.006%
25	6.600	767	773	774	rBV6	2373	3023	0.04%	0.005%
26	6.886	815	820	822	rBV6	1755	3451	0.05%	0.005%
27	6.972	830	834	836	rBV5	3073	4533	0.07%	0.007%
28	7.075	842	851	860	rBV	120501	356031	5.17%	0.560%
29	7.167	861	866	879	rVB2	54929	161883	2.35%	0.254%
30	7.496	918	920	923	rBV4	2528	3605	0.05%	0.006%
31	7.648	934	945	957	rBV	569988	1423074	20.66%	2.236%
32	7.746	957	961	964	rBV6	1911	4075	0.06%	0.006%
33	7.850	977	978	981	rVB3	2832	2502	0.04%	0.004%
34	7.941	984	993	1001	rBV3	4876	17105	0.25%	0.027%
35	8.154	1023	1028	1034	rBV7	8586	19060	0.28%	0.030%
36	8.276	1038	1048	1064	rVV2	1188811	3500463	50.82%	5.501%

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Integrator: RTE

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Sampling : 1

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Stop Thrs : 0

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

37	8.490	1081	1083	1089	rVB7	5305	8324	0.12%	0.013%
38	8.563	1093	1095	1096	rBV2	3523	3158	0.05%	0.005%
39	8.703	1112	1118	1121	rBV8	4695	9417	0.14%	0.015%
40	8.843	1130	1141	1152	rBV	1299283	2581769	37.49%	4.057%

41	9.081	1174	1180	1182	rBV7	6855	12534	0.18%	0.020%
42	9.276	1203	1212	1219	rBV	804528	1699090	24.67%	2.670%
43	9.380	1227	1229	1239	rVB6	12836	24082	0.35%	0.038%
44	9.611	1262	1267	1272	rVB5	8555	17481	0.25%	0.027%
45	9.752	1285	1290	1299	rBV6	18154	39761	0.58%	0.062%

46	9.892	1310	1313	1318	rBV2	15847	24920	0.36%	0.039%
47	9.989	1327	1329	1330	rBV	10283	7415	0.11%	0.012%
48	10.032	1330	1336	1343	rVV	409362	736043	10.69%	1.157%
49	10.246	1368	1371	1376	rVB3	14617	24115	0.35%	0.038%
50	10.325	1376	1384	1399	rBV	1579822	2915739	42.33%	4.582%

51	10.495	1408	1412	1419	rVB8	20314	49271	0.72%	0.077%
52	10.575	1420	1425	1435	rBV	267096	479139	6.96%	0.753%
53	10.666	1436	1440	1444	rVV2	26799	41518	0.60%	0.065%
54	10.922	1476	1482	1490	rBV2	468615	878708	12.76%	1.381%
55	11.032	1497	1500	1508	rVB	47243	87253	1.27%	0.137%

56	11.172	1520	1523	1528	rBV	42799	72627	1.05%	0.114%
57	11.227	1528	1532	1538	rBV	85078	163270	2.37%	0.257%
58	11.337	1538	1550	1553	rBV4	140330	422898	6.14%	0.665%
59	11.629	1591	1598	1607	rBV	1558553	2602524	37.79%	4.090%
60	11.873	1633	1638	1642	rBV3	103225	215512	3.13%	0.339%

61	12.135	1675	1681	1687	rBV5	151141	357522	5.19%	0.562%
62	12.251	1695	1700	1704	rVB	247610	399274	5.80%	0.627%
63	12.331	1705	1713	1714	rBV4	141728	262334	3.81%	0.412%
64	12.361	1715	1718	1726	rVB2	179953	389684	5.66%	0.612%
65	12.593	1751	1756	1767	rVB4	240952	675333	9.81%	1.061%

66	12.690	1767	1772	1778	rBV	621614	1050053	15.25%	1.650%
67	12.776	1783	1786	1792	rVB3	213221	368675	5.35%	0.579%
68	12.861	1795	1800	1803	rBV4	91214	185545	2.69%	0.292%
69	12.940	1805	1813	1817	rBV6	408066	1177768	17.10%	1.851%
70	13.074	1832	1835	1839	rVB	177880	239642	3.48%	0.377%

71	13.123	1840	1843	1846	rBV3	93803	123963	1.80%	0.195%
72	13.160	1846	1849	1852	rBV2	174913	284287	4.13%	0.447%
73	13.288	1866	1870	1875	rBV	296879	459948	6.68%	0.723%
74	13.336	1875	1878	1882	rBV2	169125	224727	3.26%	0.353%
75	13.410	1886	1890	1892	rVV	228975	359950	5.23%	0.566%

76	13.446	1893	1896	1899	rVV2	337301	504932	7.33%	0.793%
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77	13.477	1899	1901	1908	rVV6	147519	232386	3.37%	0.365%
78	13.556	1909	1914	1918	rVV	1009570	1602629	23.27%	2.519%
79	13.599	1918	1921	1931	rVB	476942	957140	13.90%	1.504%
80	13.696	1931	1937	1942	rBV5	239378	616194	8.95%	0.968%
81	13.849	1957	1962	1970	rBV2	1015605	2849673	41.37%	4.478%
82	13.916	1970	1973	1979	rVV2	396987	802903	11.66%	1.262%
83	13.977	1980	1983	1987	rVB3	278655	418885	6.08%	0.658%
84	14.190	2014	2018	2022	rBV2	320145	514604	7.47%	0.809%
85	14.257	2024	2029	2035	rVV4	514528	967105	14.04%	1.520%
86	14.312	2035	2038	2042	rVB3	200019	260680	3.78%	0.410%
87	14.379	2043	2049	2054	rBV3	1022412	1928327	28.00%	3.030%
88	14.495	2063	2068	2074	rBV4	764114	1888033	27.41%	2.967%
89	14.733	2103	2107	2112	rBV5	391354	803410	11.66%	1.263%
90	14.793	2113	2117	2121	rVV	768230	1528714	22.20%	2.402%
91	14.848	2122	2126	2134	rVB3	1255240	2723835	39.55%	4.280%
92	14.922	2135	2138	2143	rBV3	245030	471505	6.85%	0.741%
93	15.257	2190	2193	2198	rVB	708801	1154366	16.76%	1.814%
94	15.318	2198	2203	2210	rVB	4119984	6887469	100.00%	10.824%
95	15.391	2210	2215	2220	rBV4	530088	1178206	17.11%	1.852%
96	15.568	2240	2244	2249	rBV3	362855	742563	10.78%	1.167%
97	15.623	2250	2253	2256	rBV3	254478	362422	5.26%	0.570%
98	15.860	2289	2292	2296	rBV5	245367	506710	7.36%	0.796%
99	16.275	2354	2360	2368	rVB	2981672	5518031	80.12%	8.672%
100	16.525	2398	2401	2407	rVB2	345154	609876	8.85%	0.958%

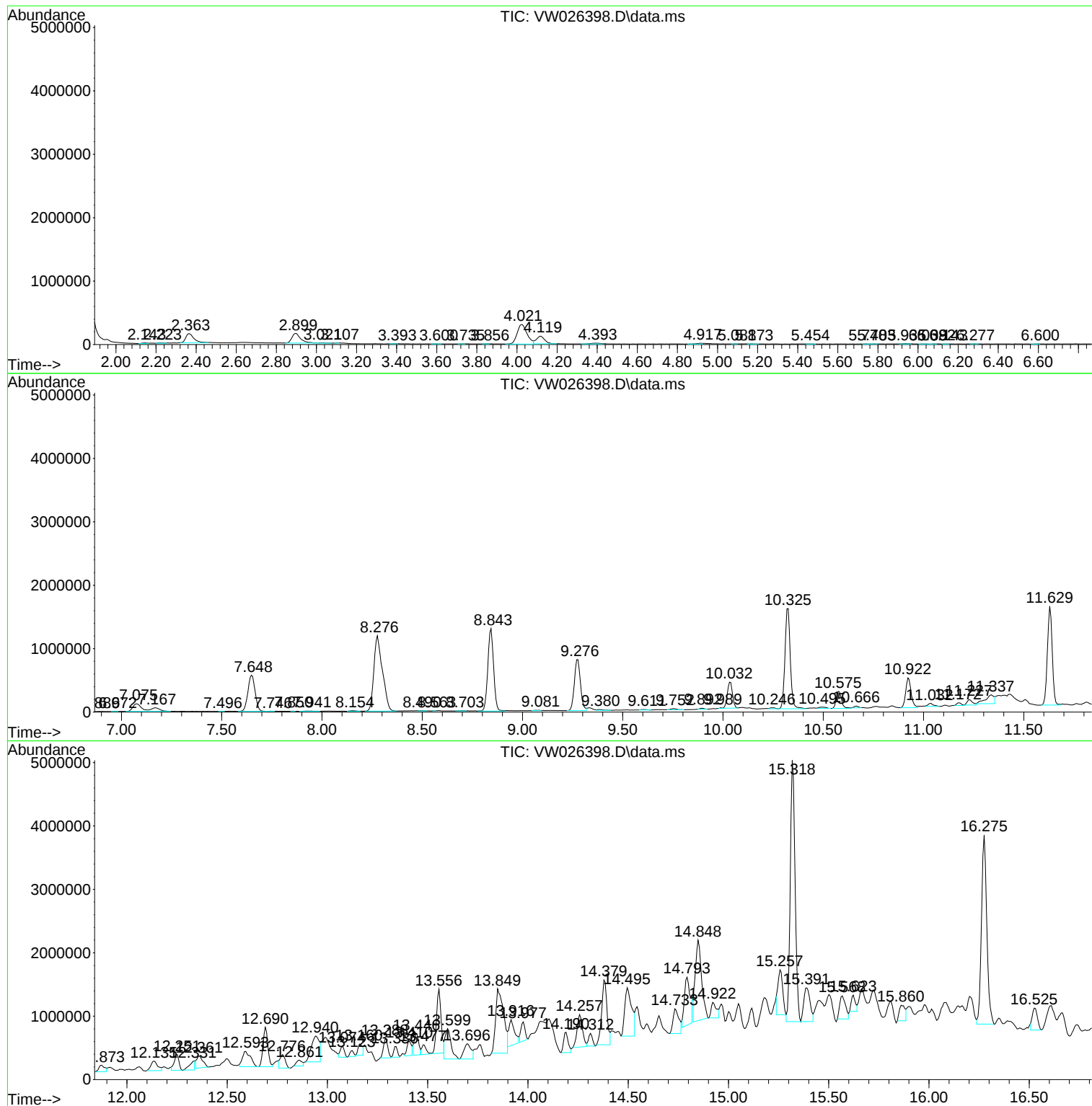
Sum of corrected areas: 63633778

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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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

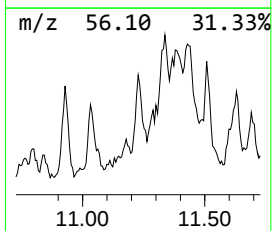
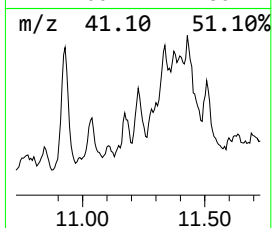
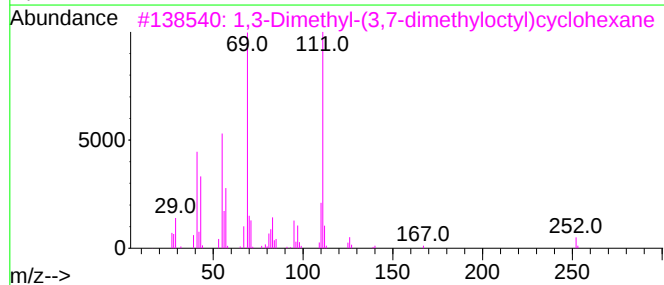
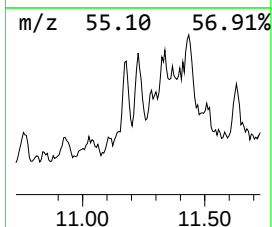
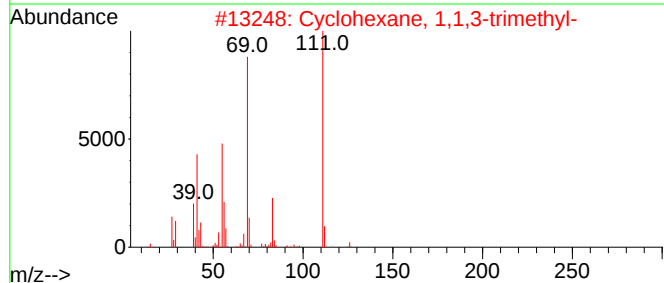
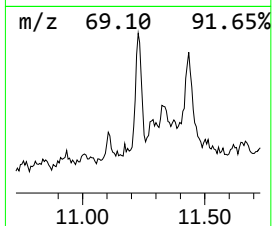
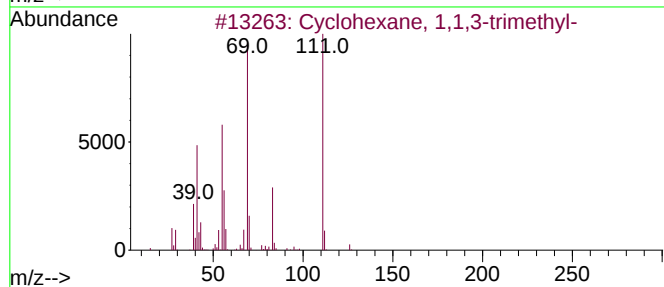
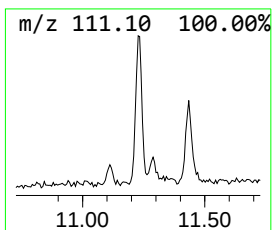
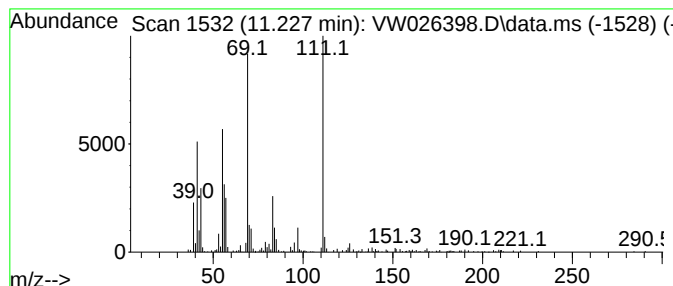
Instrument :
MSVOA_W
ClientSampleId :
A4634

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: Cyclic11.227 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.227	1.57 ug/L	163270	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
3	1,3-Dimethyl-(3,7-dimethyloctyl)...	252	C18H36	1000113-02-4	72
4	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	59
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	59



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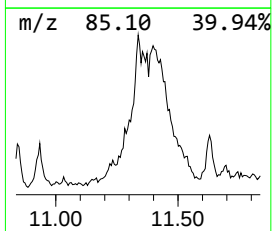
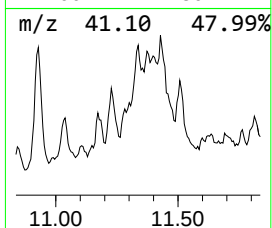
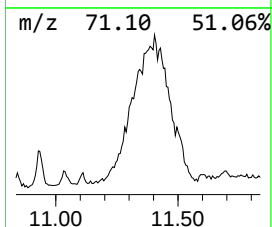
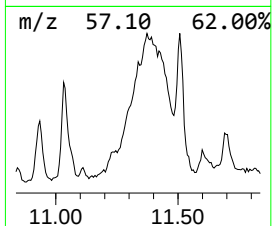
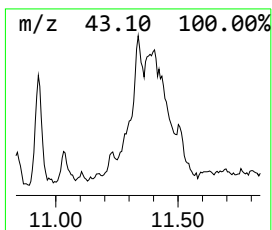
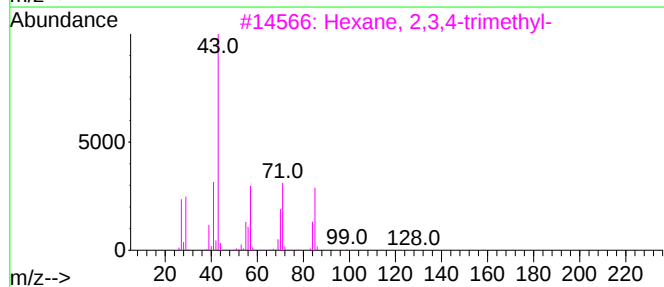
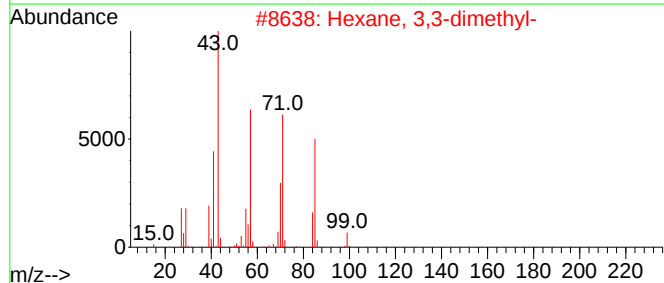
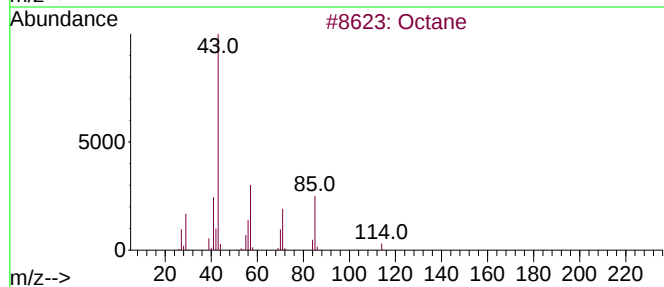
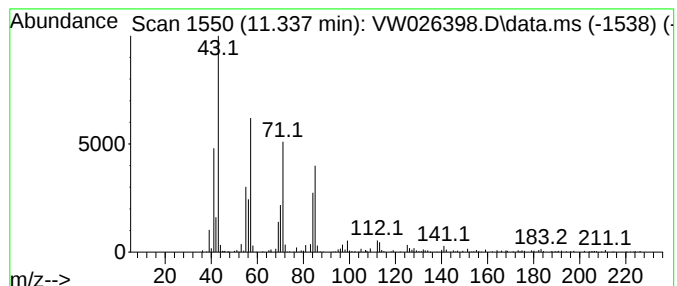
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.337	4.06 ug/L	422898	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	64
2	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	64
3	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	59
4	Carbonic acid, nonyl vinyl ester		214	C12H22O3	1000383-25-6	53
5	Octane, 3,4,5,6-tetramethyl-		170	C12H26	062185-21-1	53



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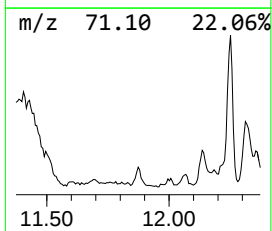
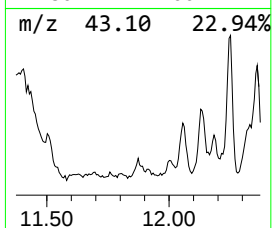
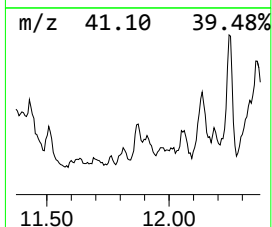
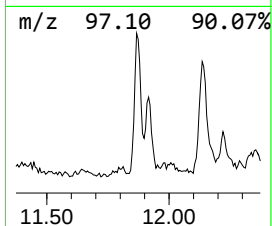
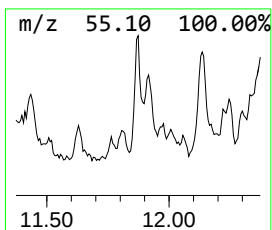
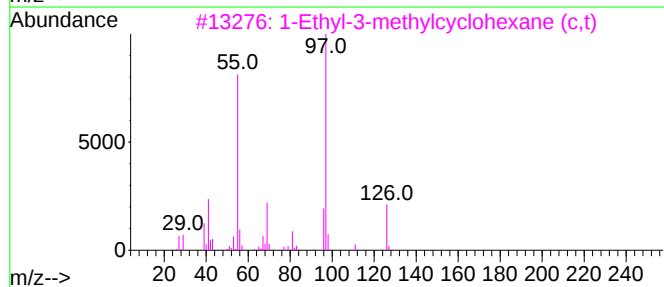
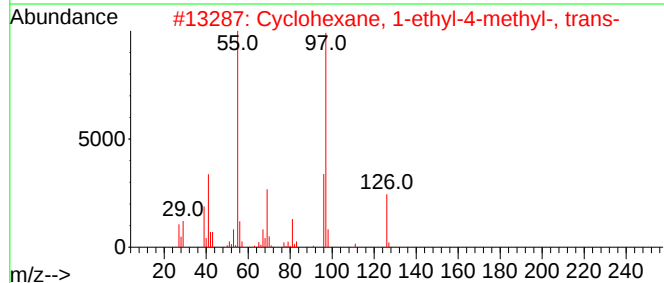
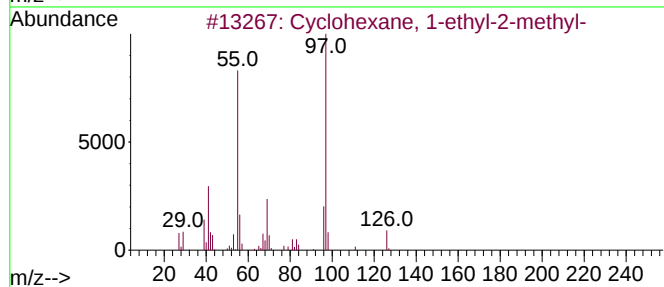
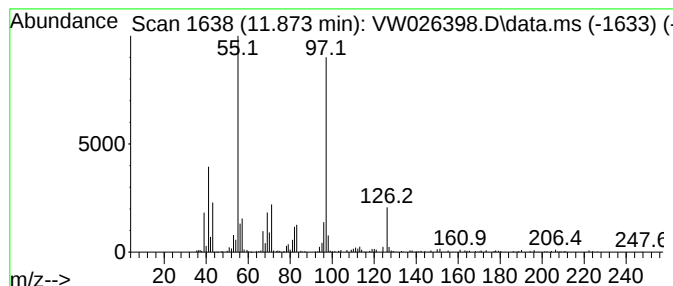
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic11.873 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.873	2.07 ug/L	215512	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	76
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	70
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	70
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	70
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

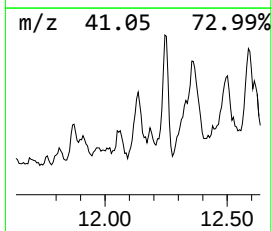
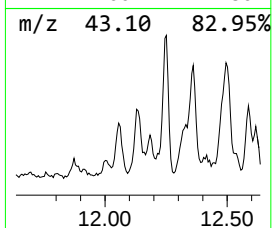
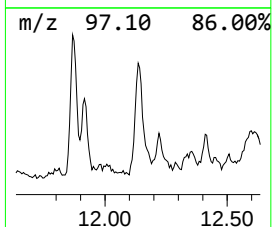
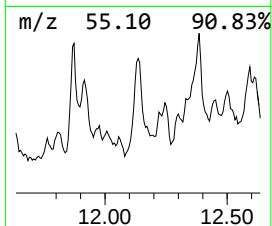
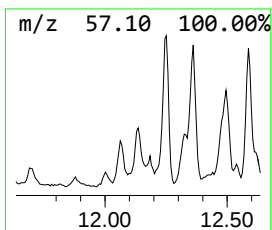
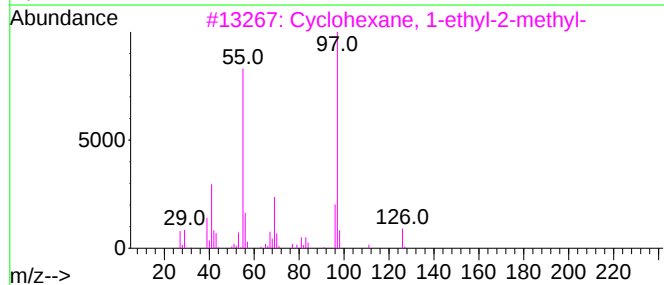
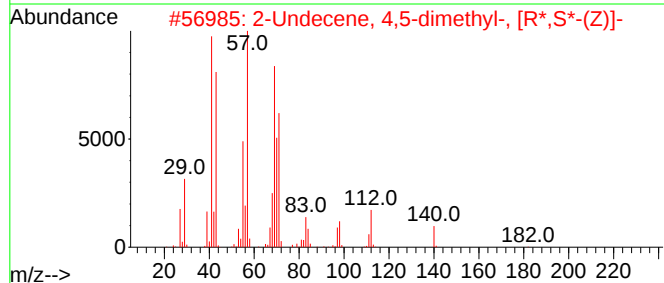
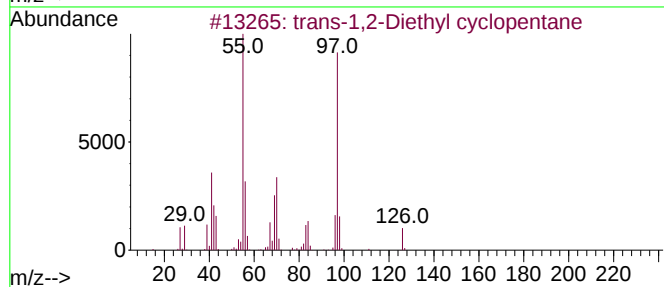
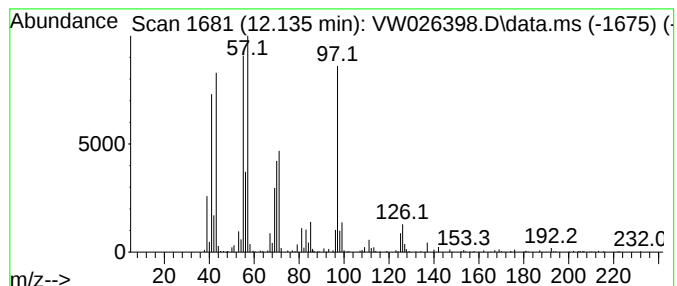
Instrument :
MSVOA_W
ClientSampleId :
A4634

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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic12.135 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.135	3.43 ug/L	357522	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	60
2	2-Undecene, 4,5-dimethyl-, [R*,S...	182	C13H26	055170-93-9	43
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	38
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	38
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

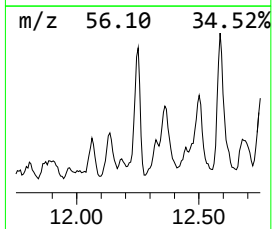
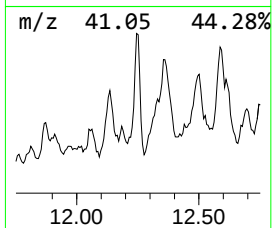
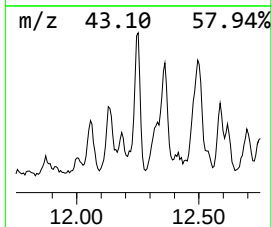
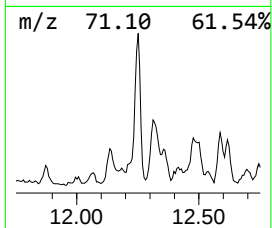
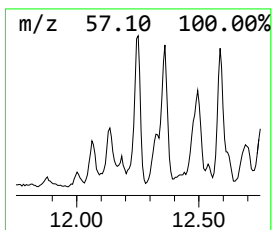
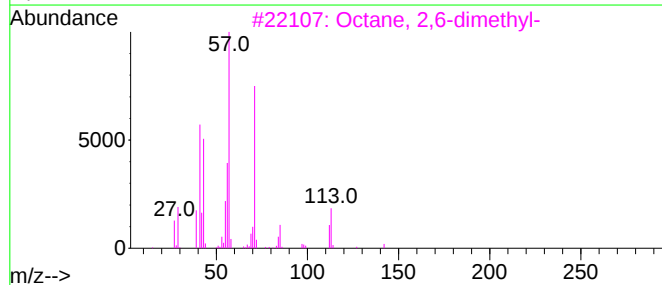
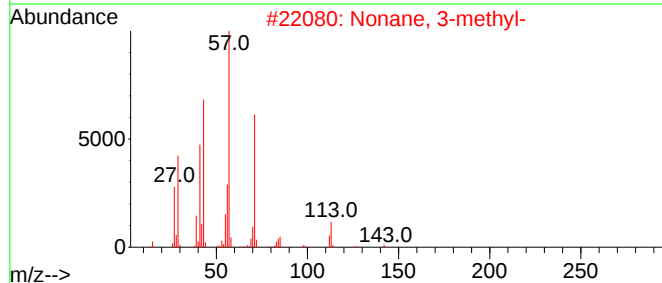
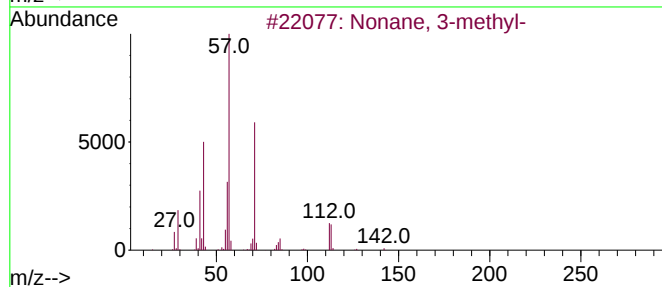
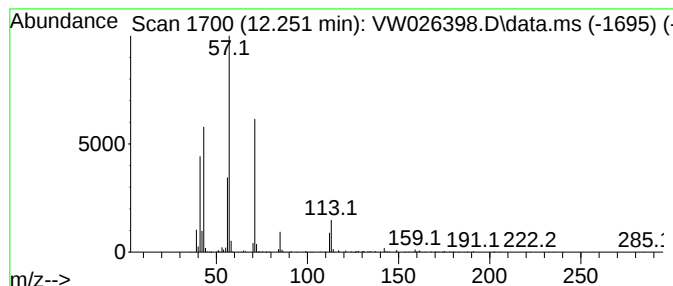
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	3.84 ug/L	399274	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

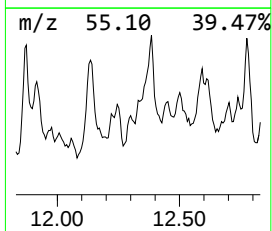
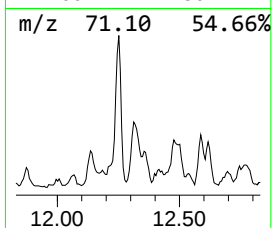
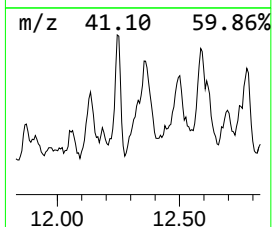
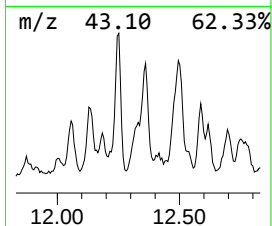
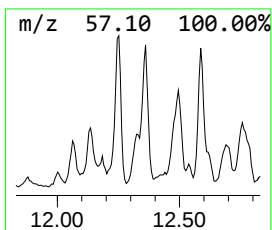
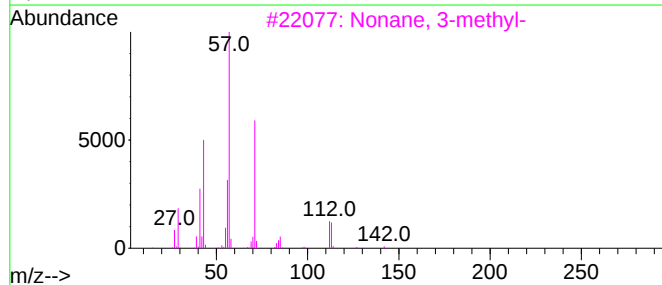
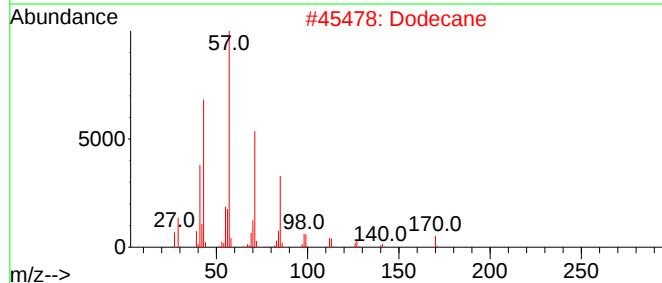
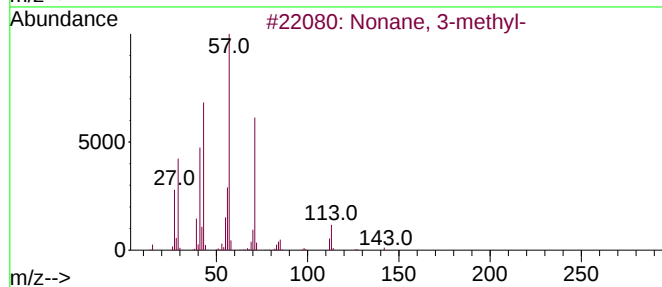
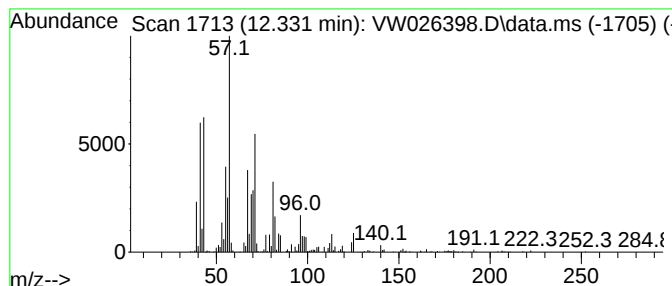
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.331	2.52 ug/L	262334	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	60
2		Dodecane	170	C12H26	000112-40-3	50
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	49
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	49
5		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

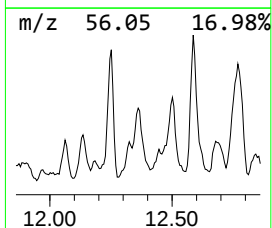
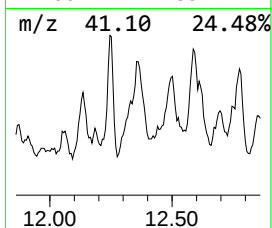
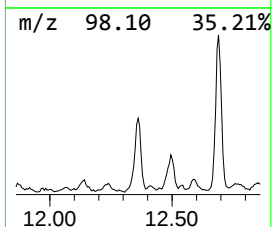
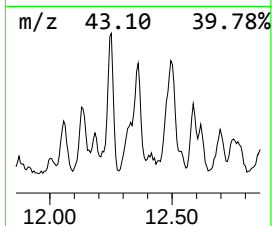
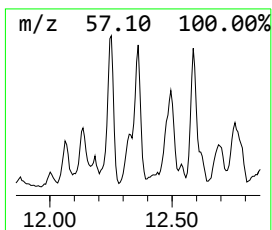
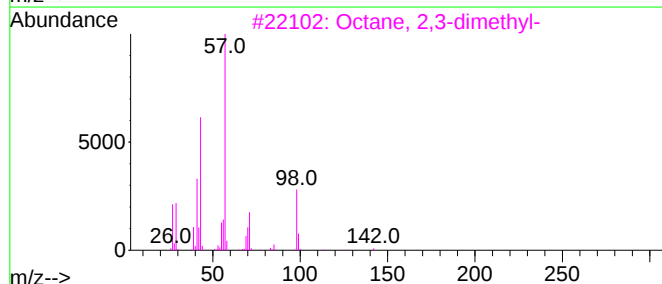
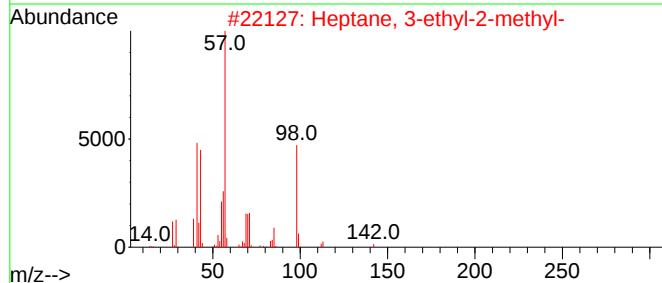
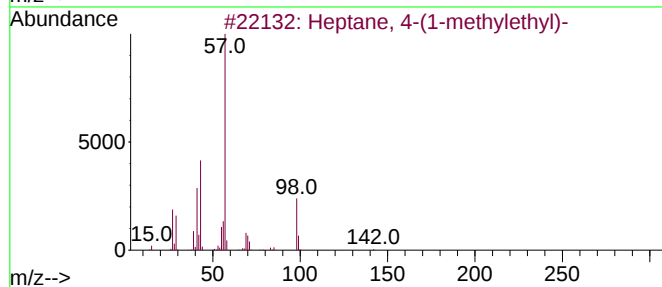
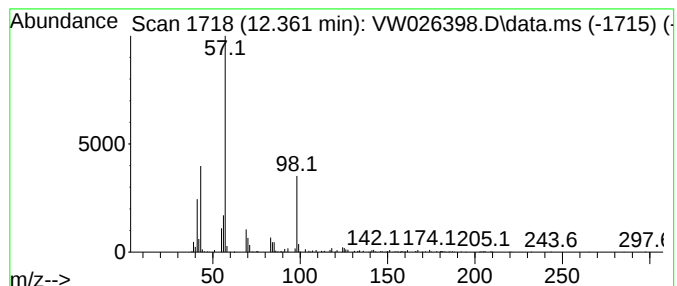
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.361	3.74 ug/L	389684	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	45
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	45
5	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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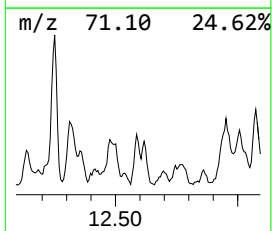
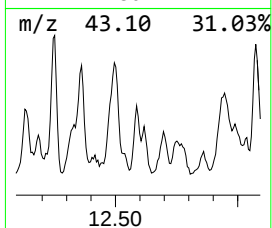
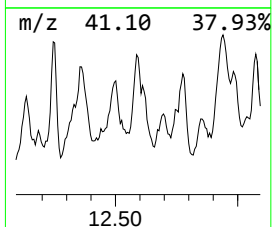
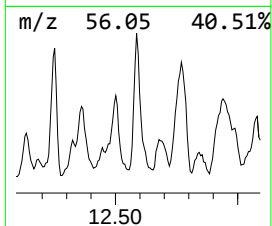
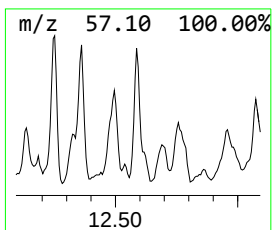
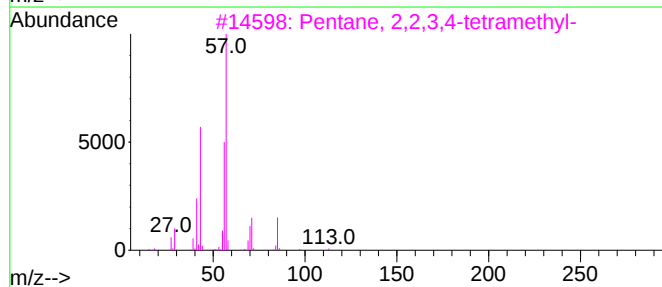
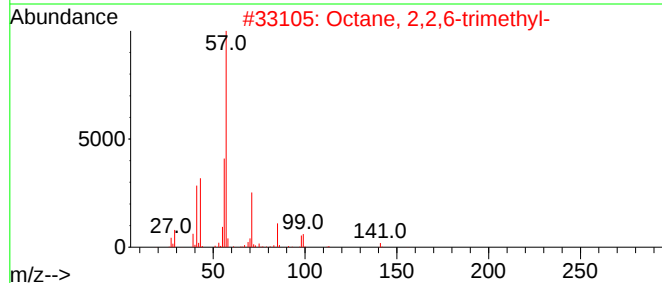
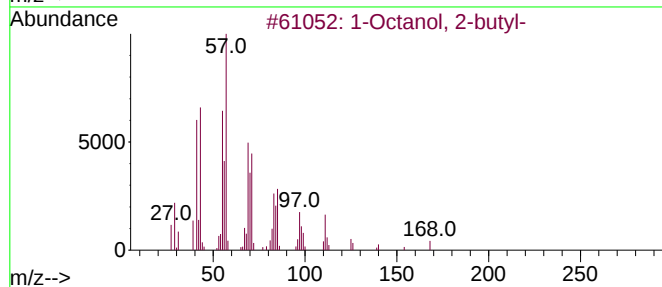
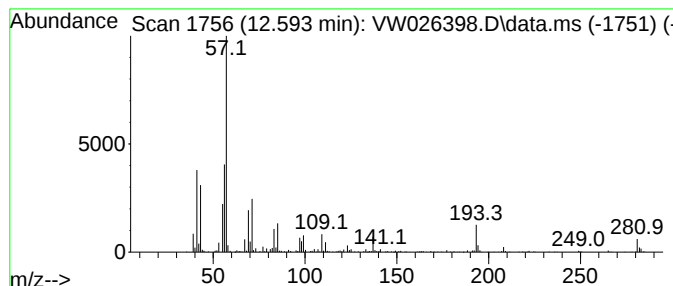
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Quant Title : SFAM01.0

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

Peak Number 9 1-Octanol, 2-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.593	10.53 ug/L	675333	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	59
2		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
4		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	47
5		Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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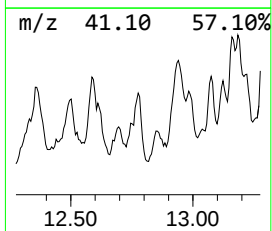
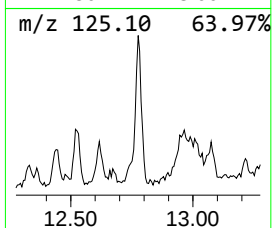
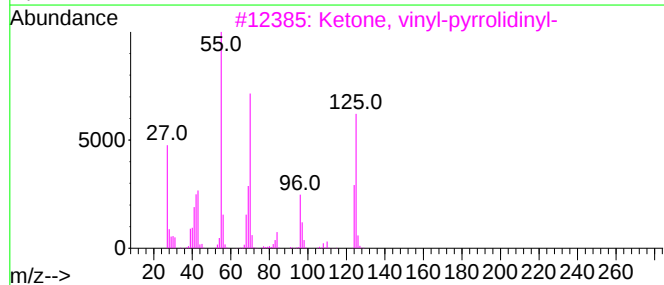
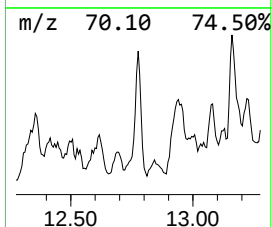
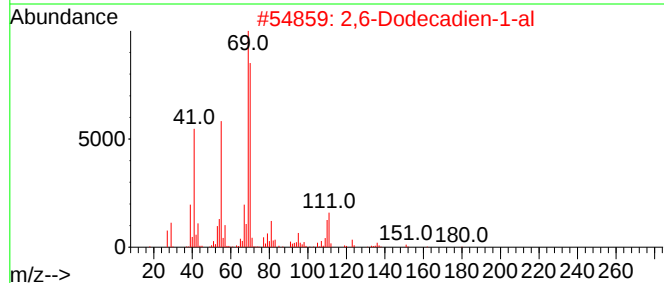
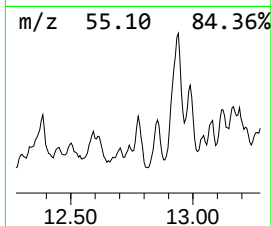
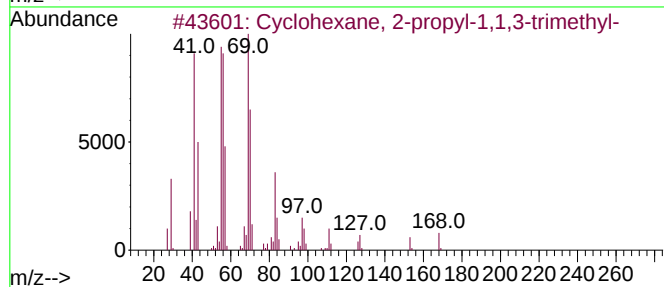
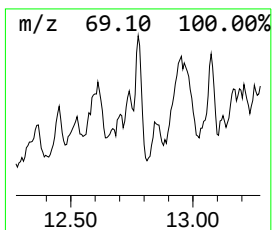
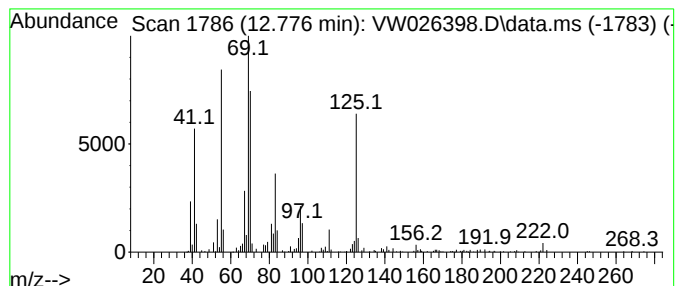
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic12.776 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.776	5.75 ug/L	368675	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-propyl-1,1,3-trimethyl-	168	C12H24	081983-70-2	50
2			2,6-Dodecadien-1-ol	180	C12H20O	021662-13-5	47
3			Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	43
4			Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	43
5			Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

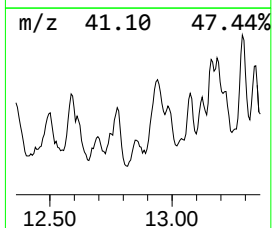
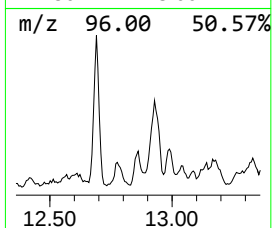
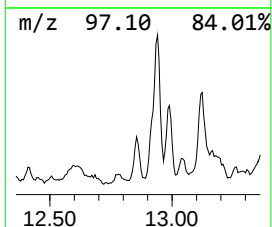
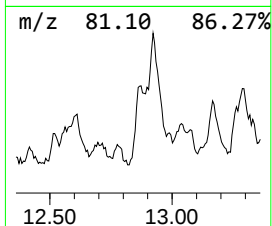
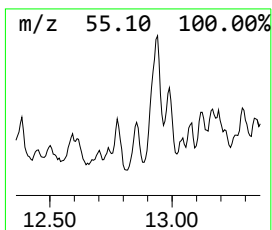
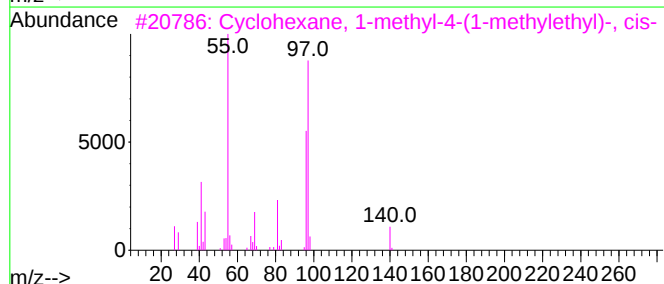
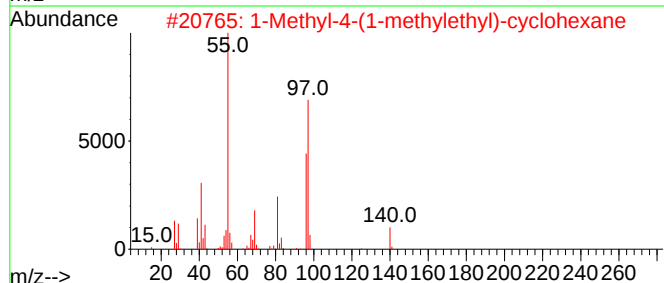
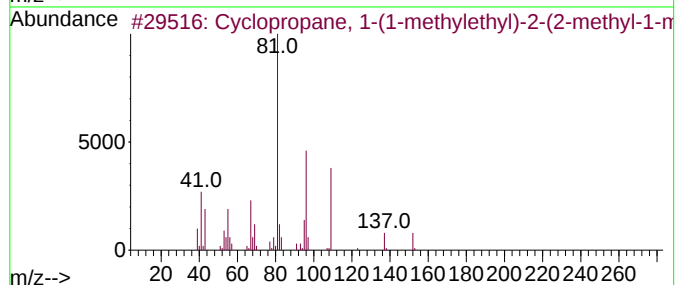
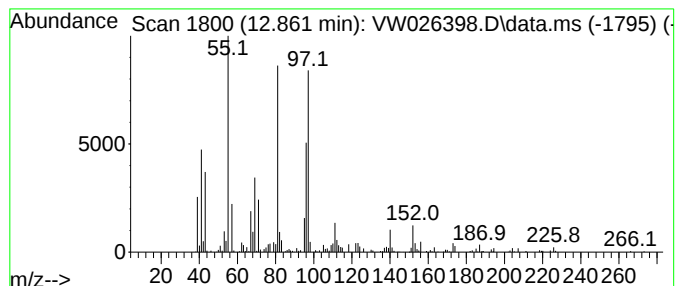
Instrument :
MSVOA_W
ClientSampleId :
A4634

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 11 Cyclopropane, 1-(1-methylet... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.861	2.89 ug/L	185545	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-(1-methylethyl)-...		152	C11H20	056259-17-7	50
2	1-Methyl-4-(1-methylethyl)-cyclo...		140	C10H20	000099-82-1	46
3	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	006069-98-3	46
4	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	001678-82-6	43
5	trans-4-Methylcyclohexanol, trif...		210	C9H13F3O2	1000364-13-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

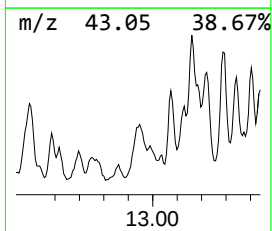
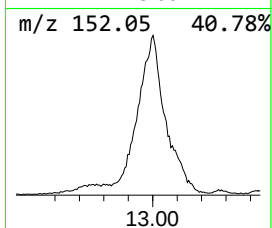
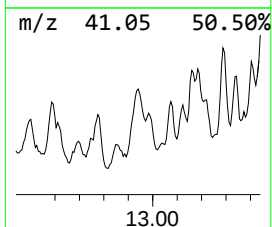
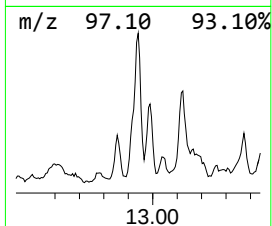
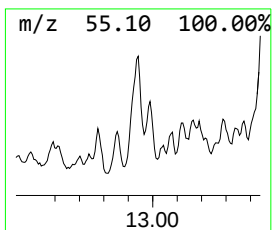
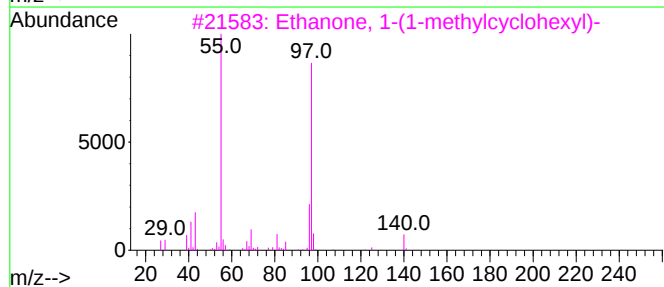
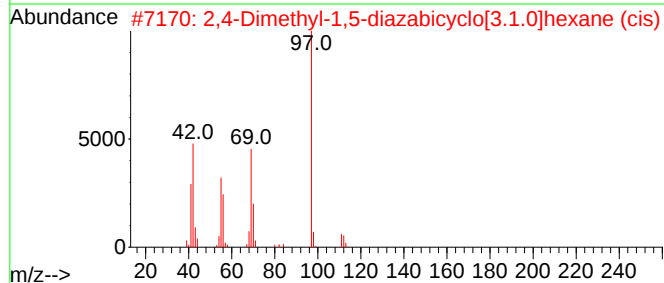
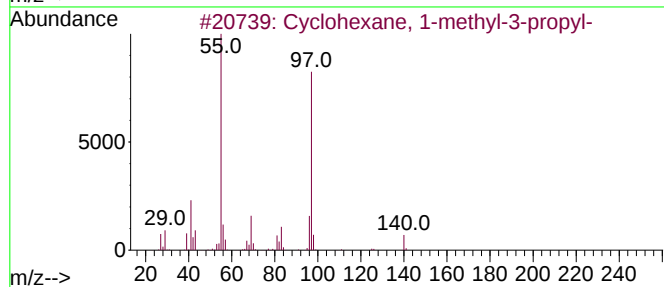
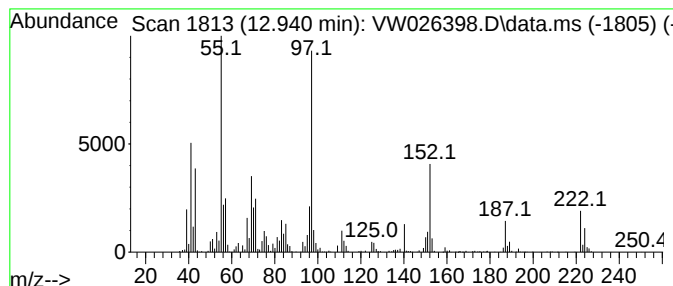
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic12.940 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	18.37 ug/L	1177770	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	49
2			2,4-Dimethyl-1,5-diazabicyclo[3.3.0]heptane	112	C6H12N2	100463-01-2	46
3			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	46
4			2,4,4,6,6,8,8-Heptamethyl-2-nonene	224	C16H32	039761-73-4	43
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

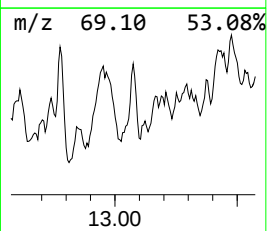
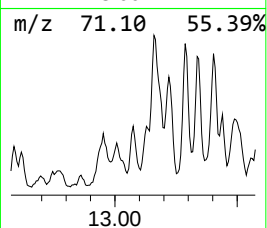
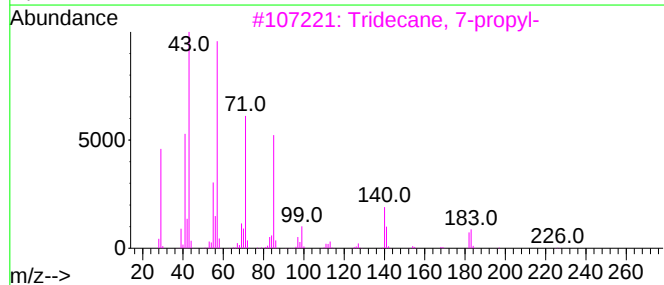
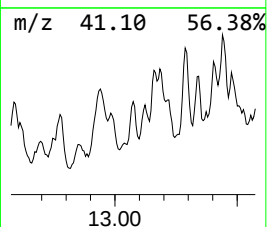
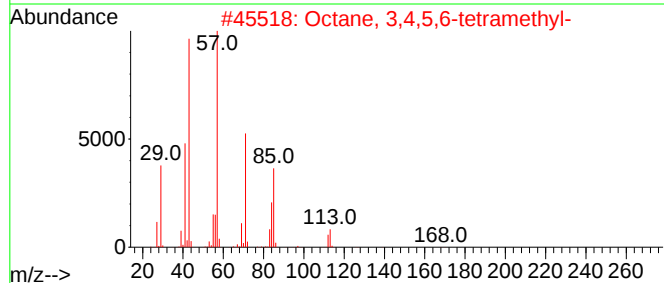
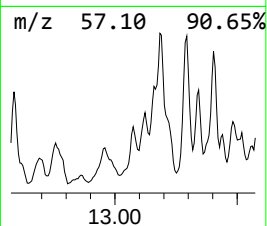
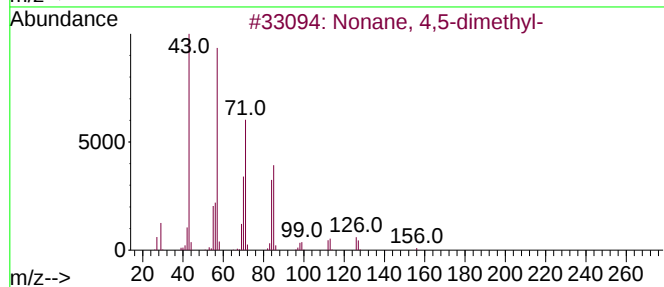
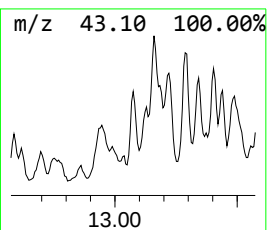
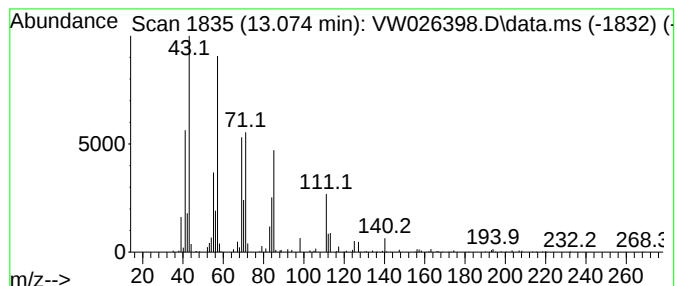
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	3.74 ug/L	239642	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
2		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	58
3		Tridecane, 7-propyl-	226	C16H34	055045-09-5	53
4		Heneicosane	296	C21H44	000629-94-7	53
5		Pentacosane	352	C25H52	000629-99-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

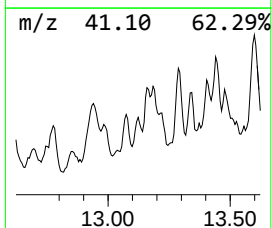
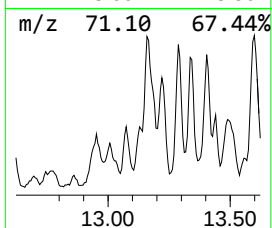
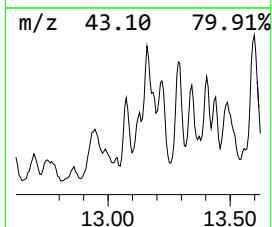
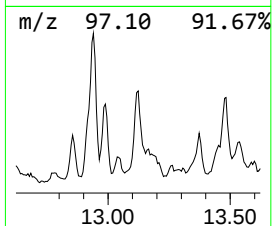
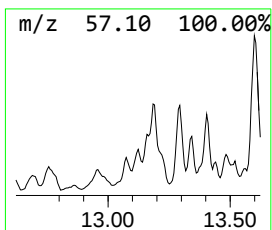
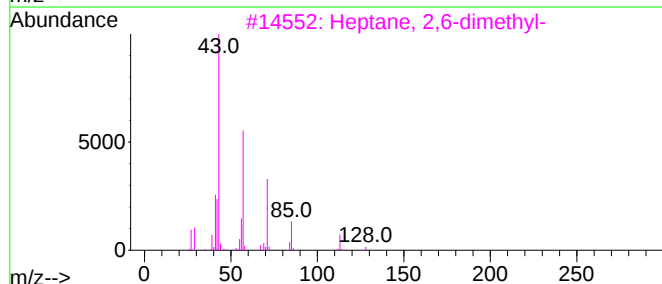
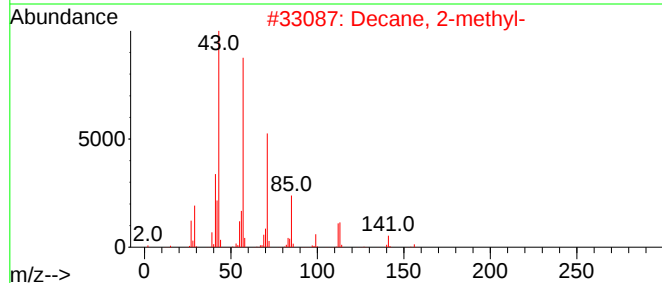
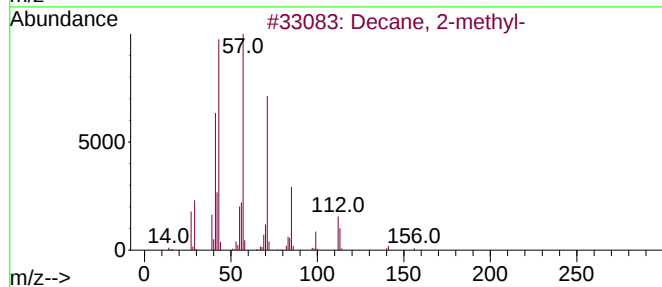
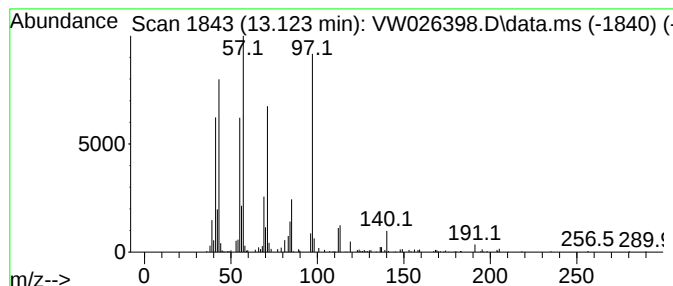
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	1.93 ug/L	123963	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2-methyl-	156	C11H24	006975-98-0	90
2		Decane, 2-methyl-	156	C11H24	006975-98-0	46
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	43
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43
5		Carbonic acid, 2-ethylhexyl octa...	426	C27H54O3	1000383-14-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

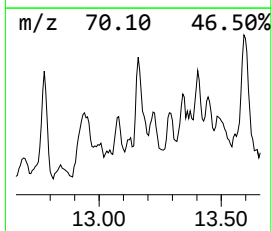
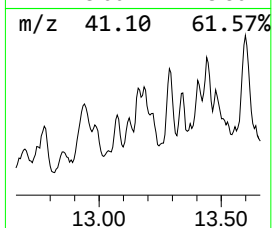
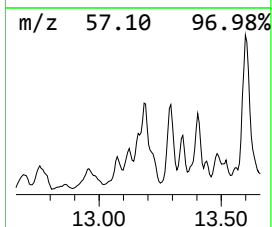
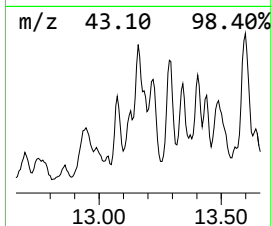
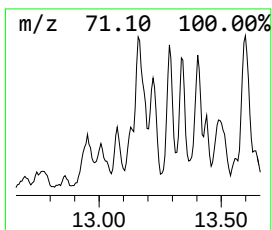
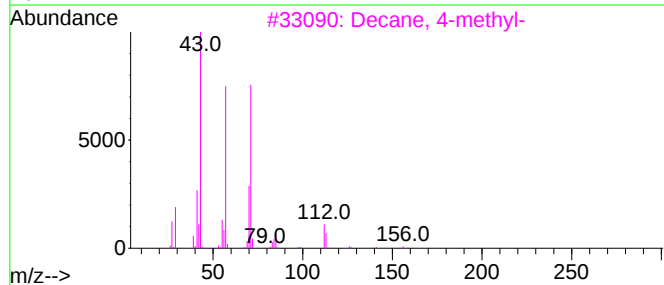
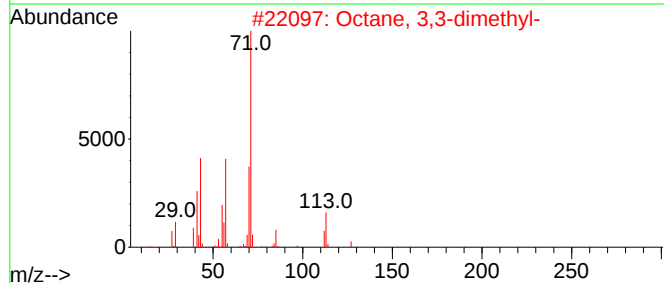
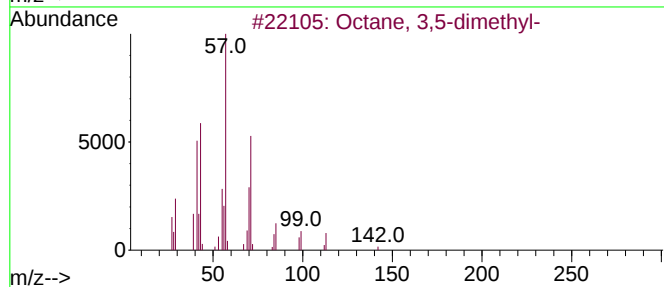
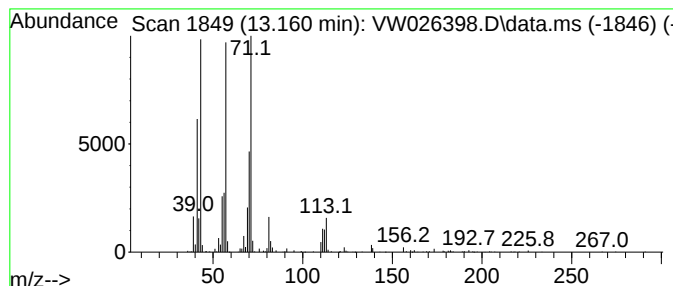
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	4.43 ug/L	284287	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
3			Decane, 4-methyl-	156	C11H24	002847-72-5	64
4			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	64
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

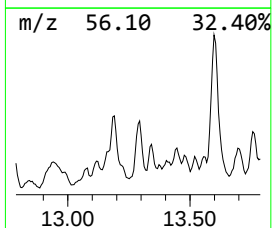
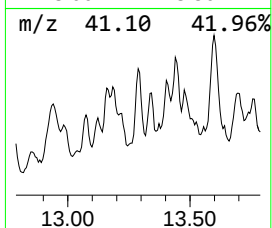
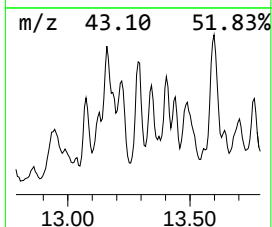
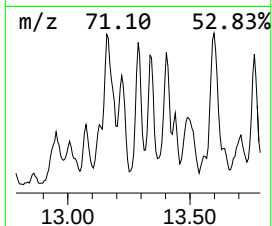
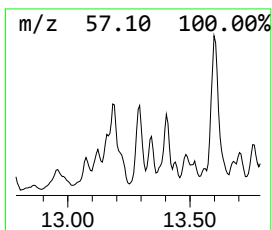
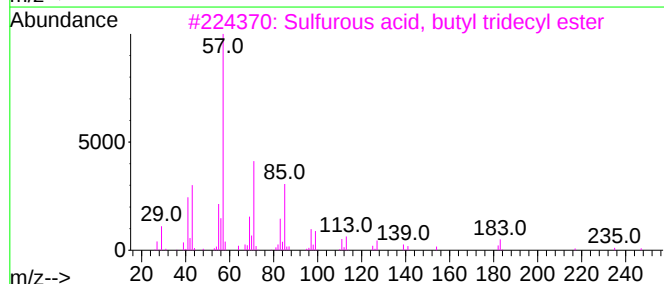
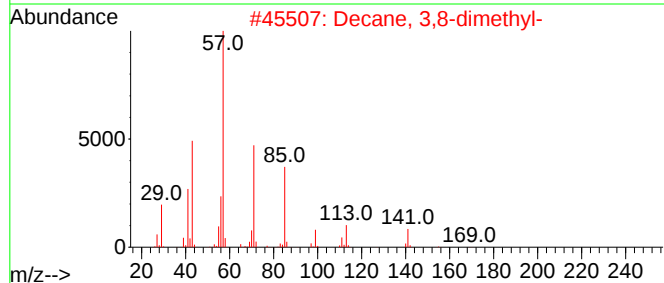
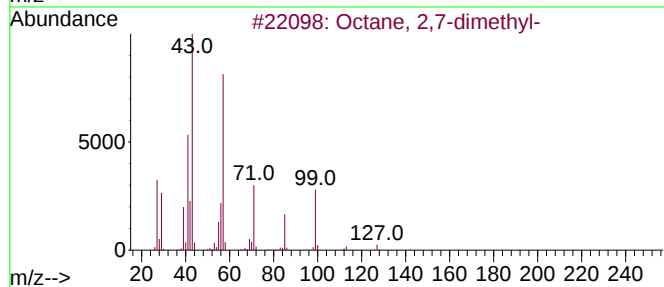
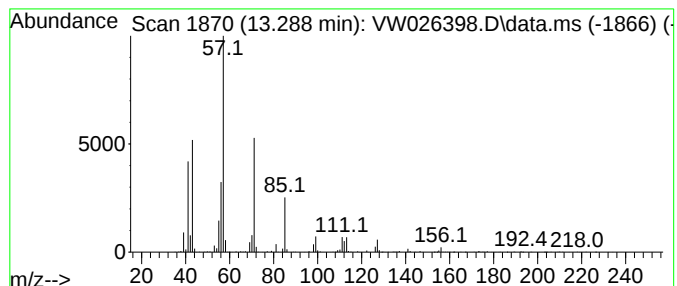
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	7.17 ug/L	459948	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-			142	C10H22	001072-16-8	80
2	Decane, 3,8-dimethyl-			170	C12H26	017312-55-9	72
3	Sulfurous acid, butyl tridecyl e...			320	C17H36O3S	1000309-18-0	72
4	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	64
5	Nonane, 3-methyl-			142	C10H22	005911-04-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

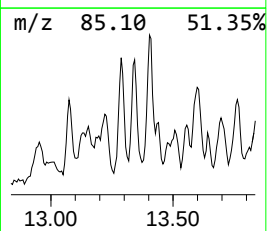
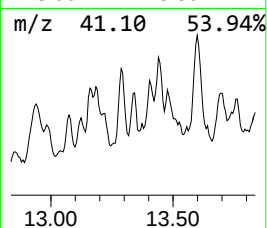
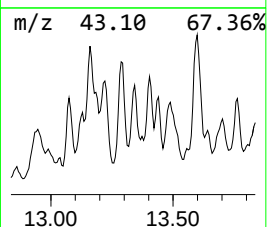
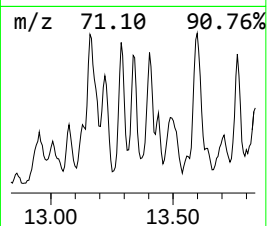
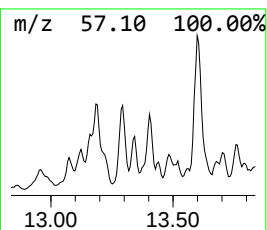
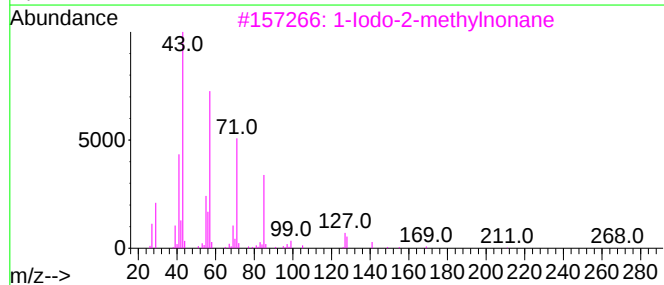
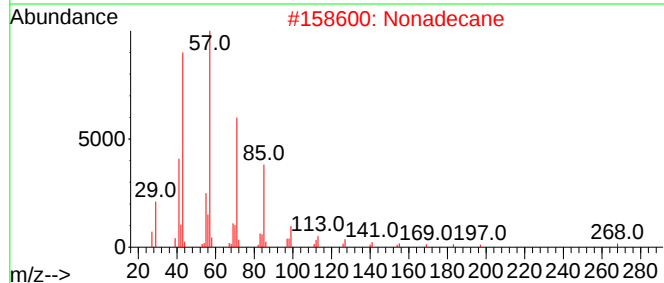
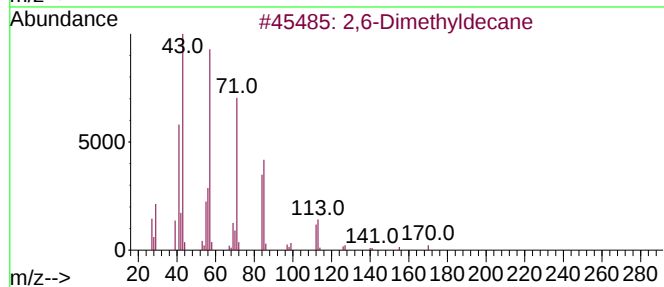
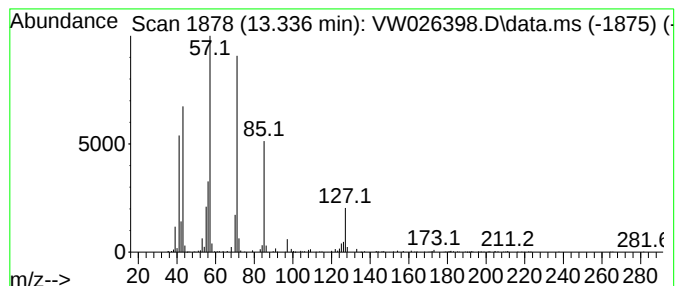
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	3.51 ug/L	224727	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6-Dimethyldecane	170	C12H26	013150-81-7	64
2		Nonadecane	268	C19H40	000629-92-5	64
3		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59
5		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

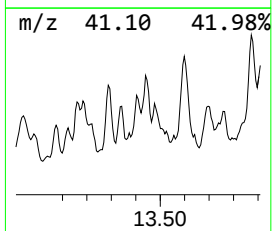
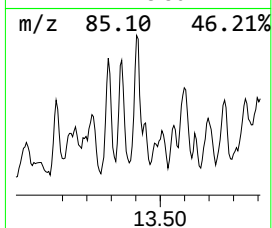
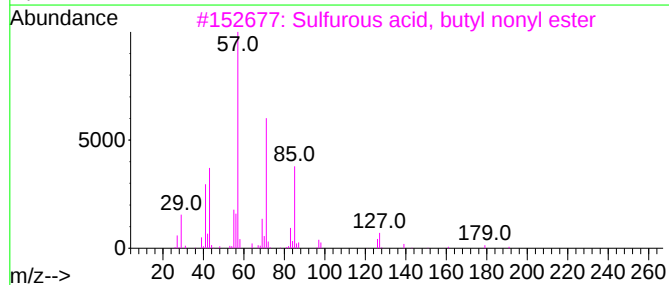
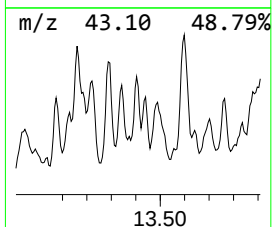
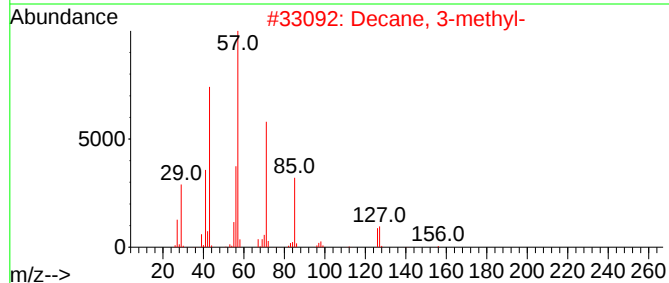
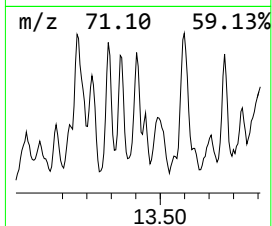
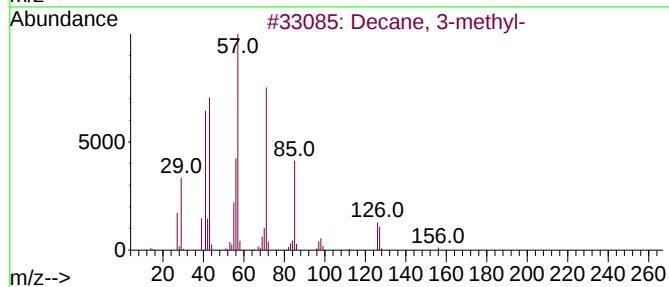
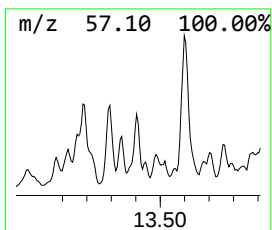
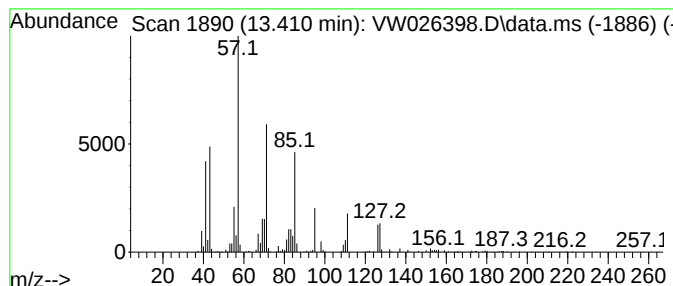
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	5.61 ug/L	359950	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	68
2			Decane, 3-methyl-	156	C11H24	013151-34-3	59
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
4			Dodecyl isobutyl ether	242	C16H34O	1000406-32-6	53
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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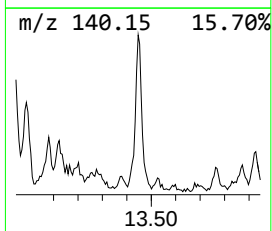
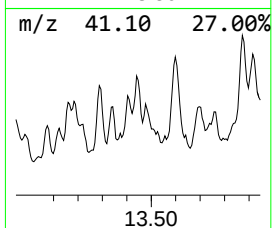
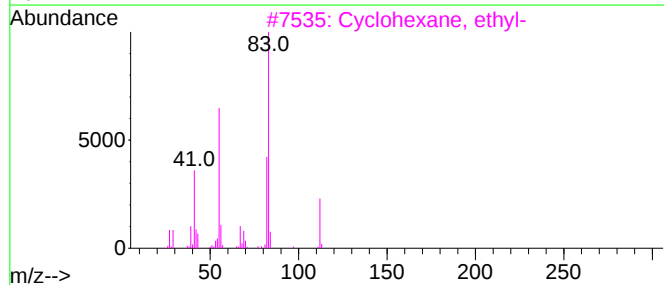
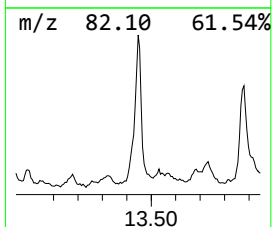
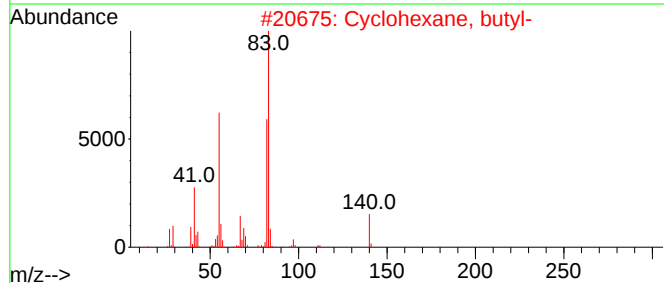
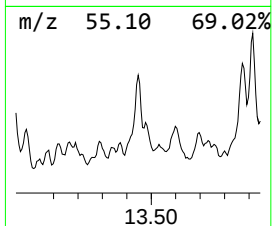
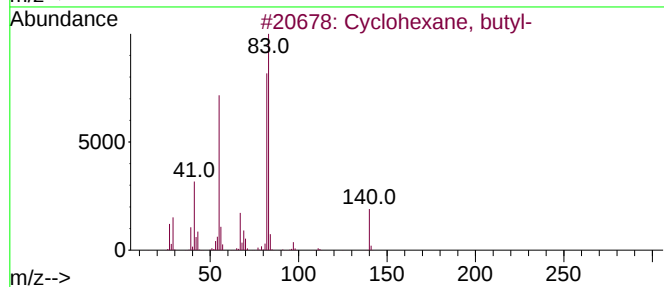
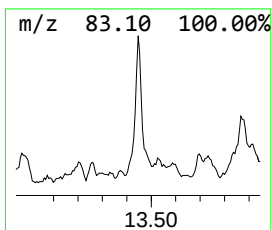
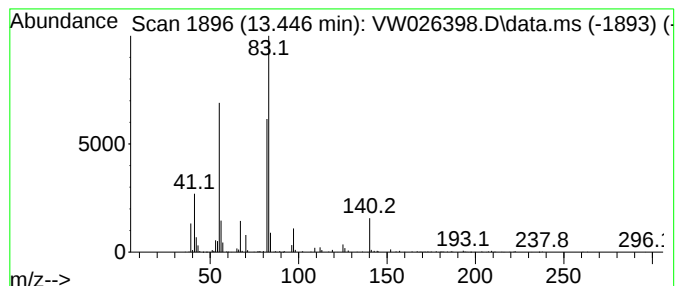
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic13.446 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	7.88 ug/L	504932	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

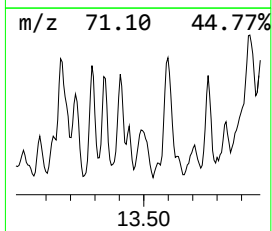
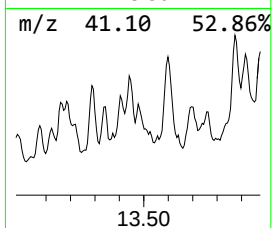
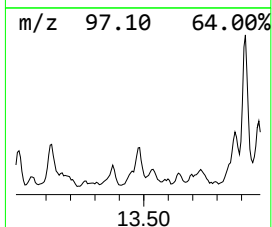
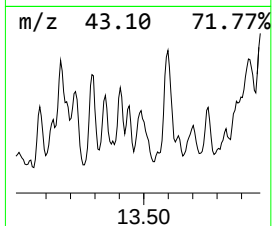
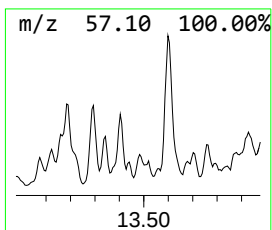
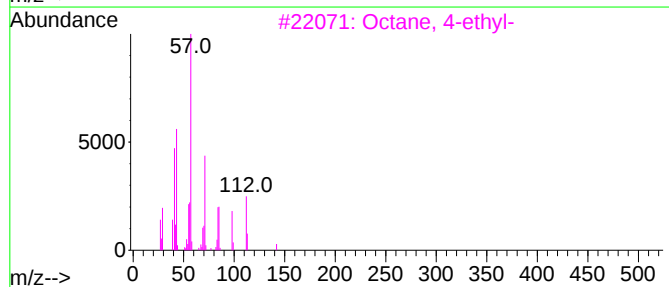
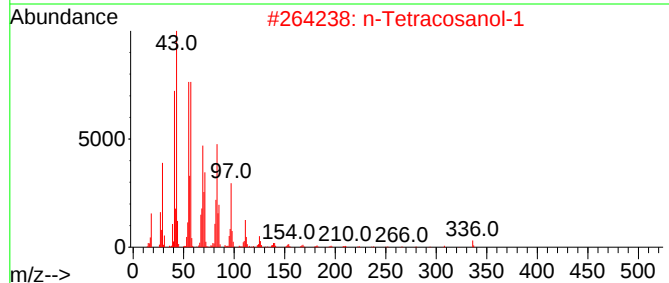
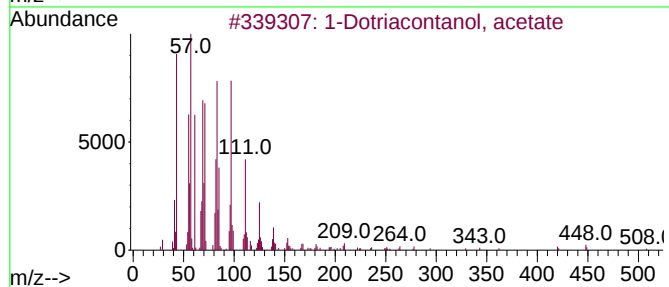
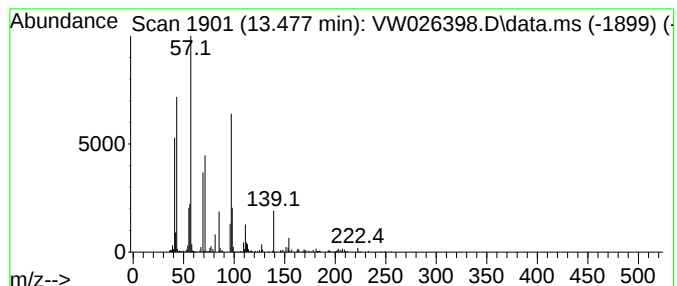
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Quant Title : SFAM01.0

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

Peak Number 20 1-Dotriacontanol, acetate Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	3.63 ug/L	232386	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Dotriacontanol, acetate	509	C34H68O2	023811-94-1	53
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	43
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	38
4		2-Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	38
5		Nonane, 2-methyl-	142	C10H22	000871-83-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

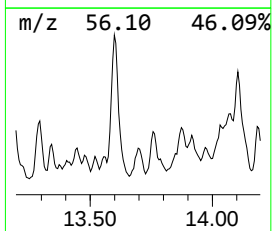
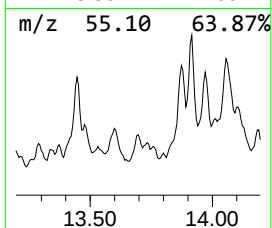
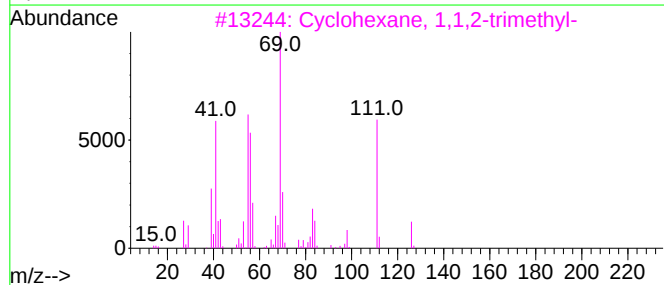
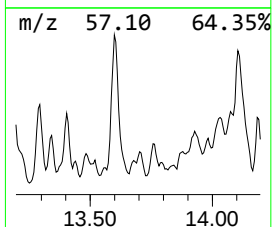
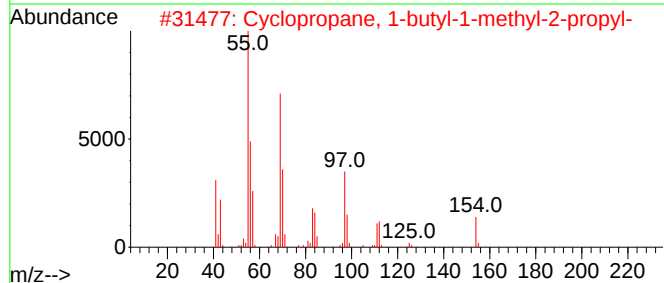
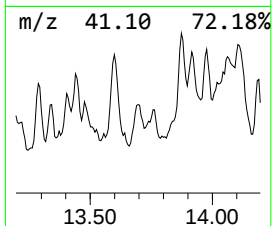
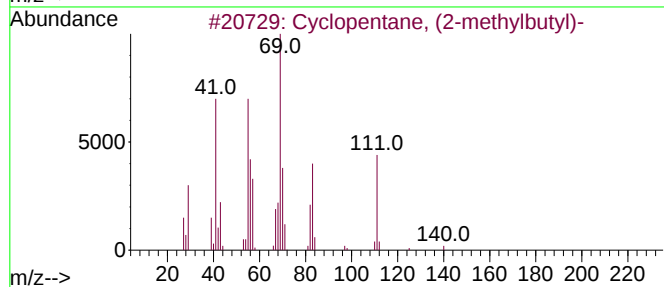
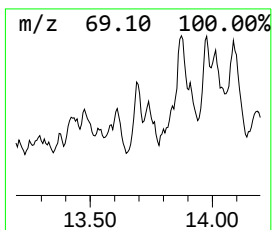
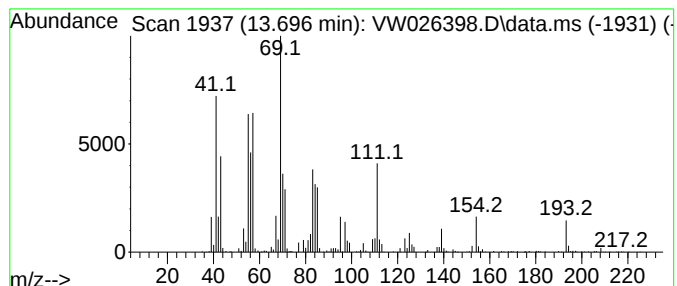
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic13.696 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.696	9.61 ug/L	616194	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	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	64
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
4	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	58
5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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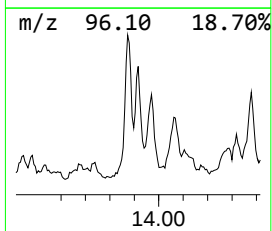
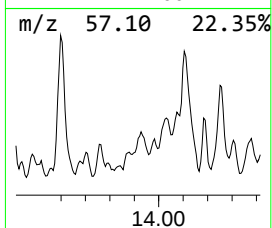
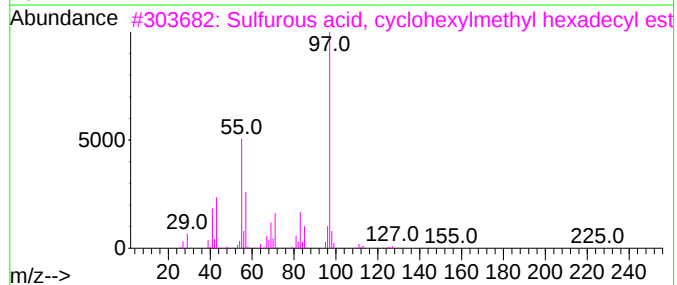
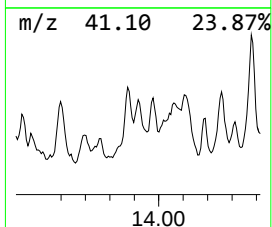
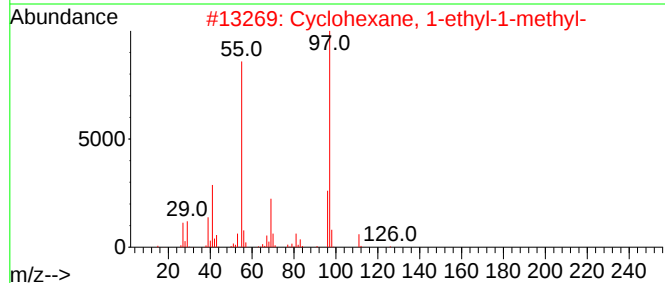
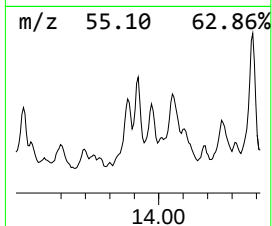
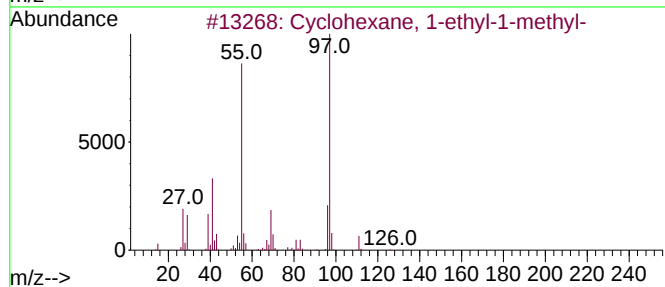
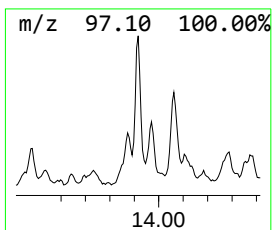
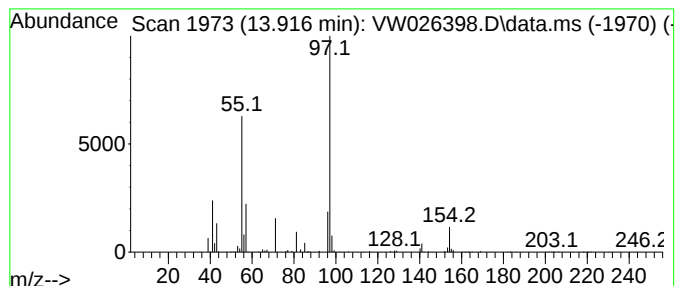
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic13.916 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	12.52 ug/L	802903	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
3			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	56
4			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	50
5			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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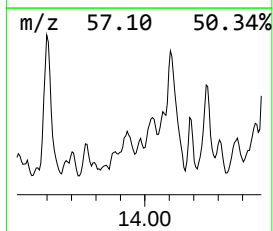
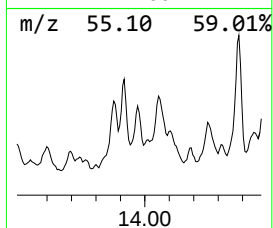
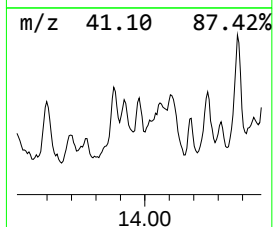
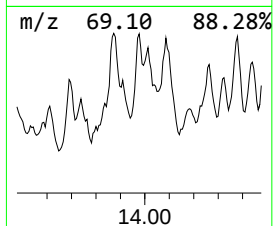
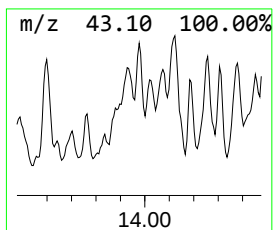
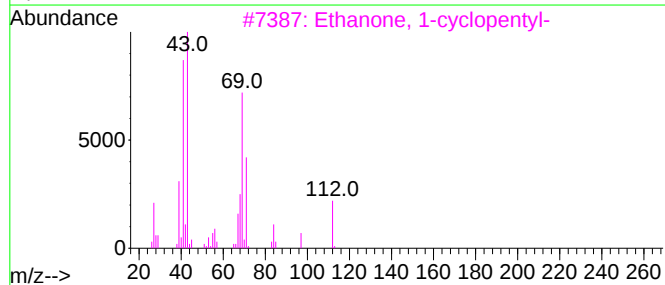
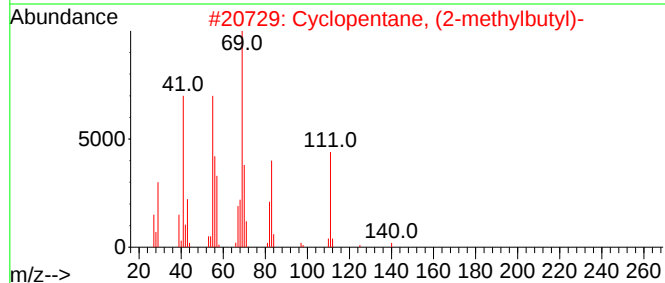
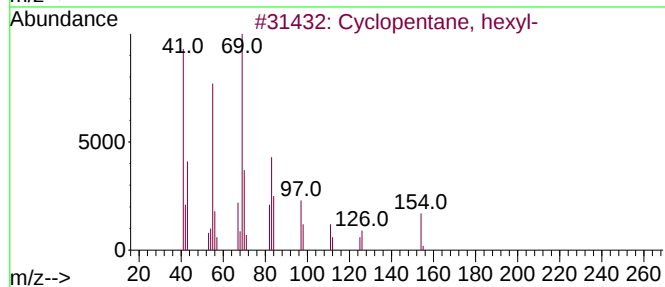
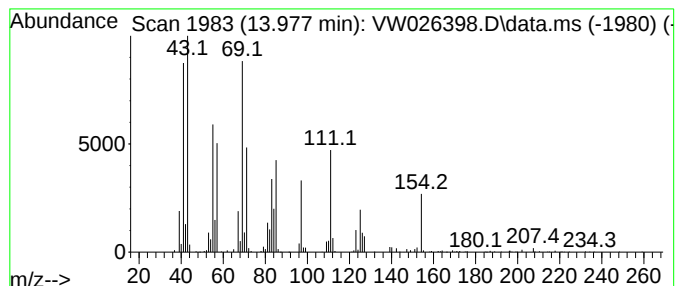
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Cyclic13.977 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	6.53 ug/L	418885	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, hexyl-	154	C11H22	004457-00-5	49
2			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	43
3			Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	38
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
5			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

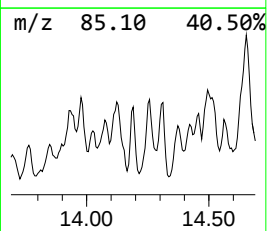
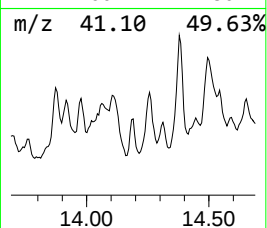
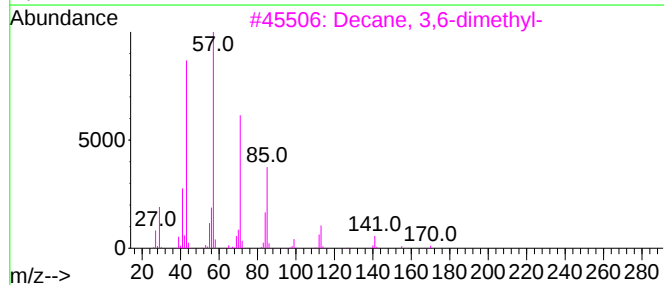
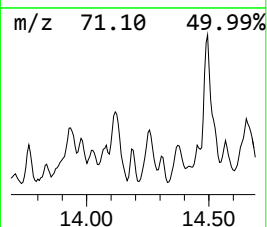
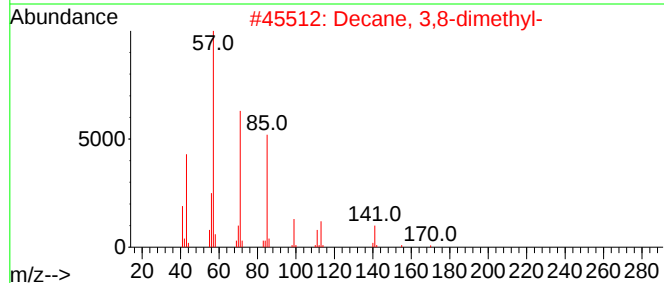
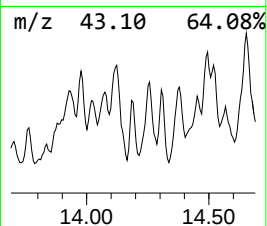
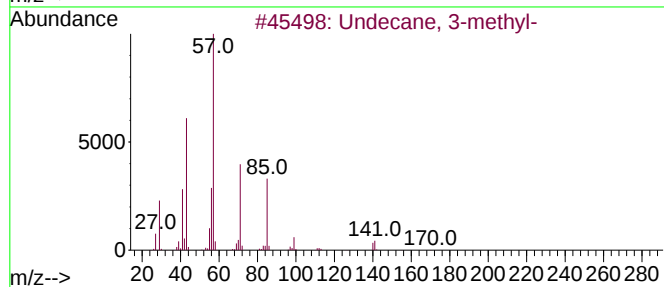
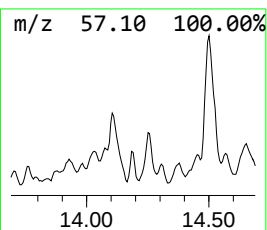
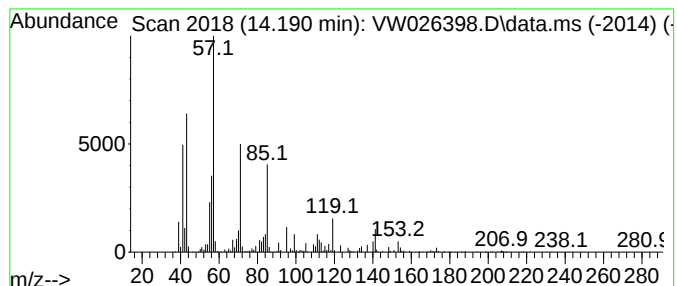
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	8.03 ug/L	514604	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	52
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

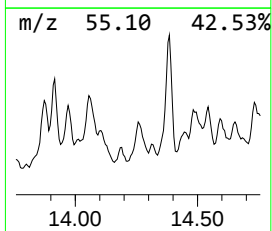
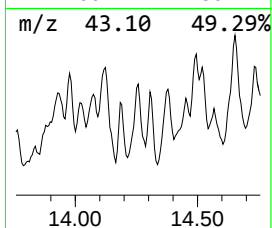
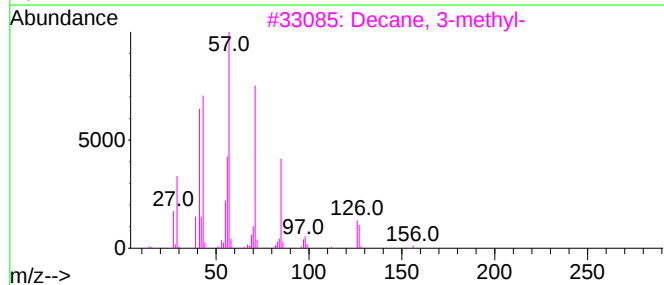
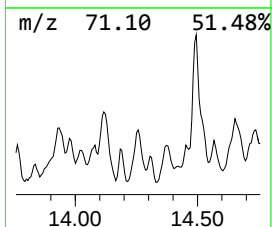
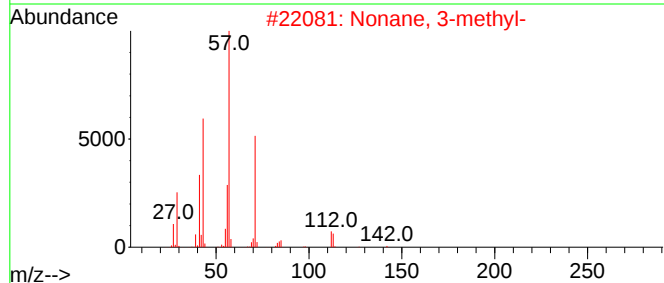
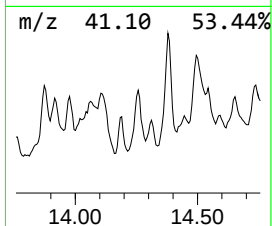
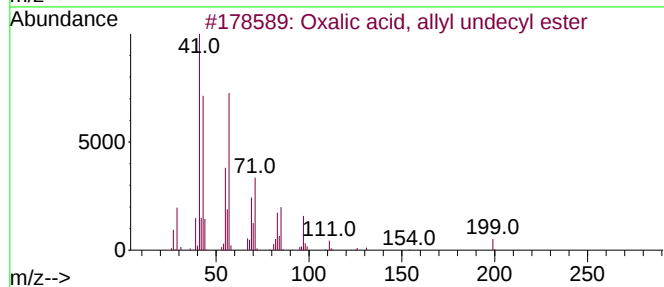
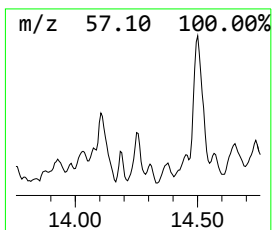
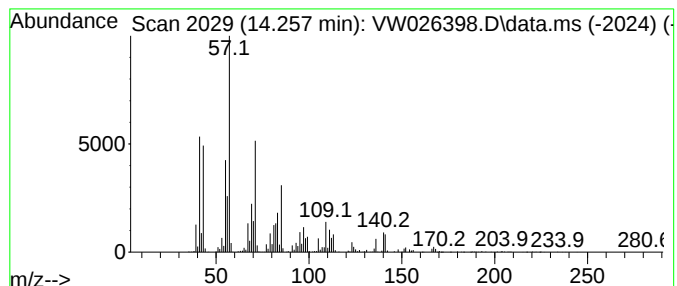
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Quant Title : SFAM01.0

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

Peak Number 25 Oxalic acid, allyl undecyl ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	15.09 ug/L	967105	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl undecyl ester	284	C16H28O4	1000309-23-9	53
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	50
3			Decane, 3-methyl-	156	C11H24	013151-34-3	49
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	49
5			Dodecyl octyl ether	298	C20H42O	1000406-38-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

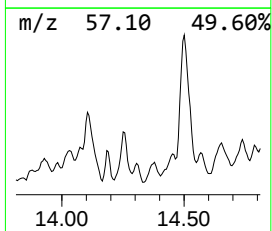
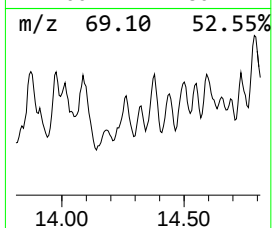
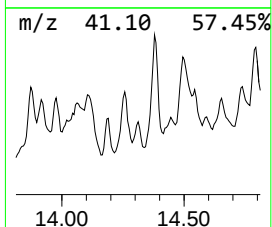
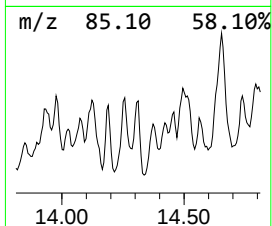
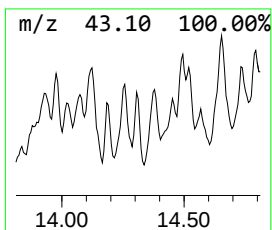
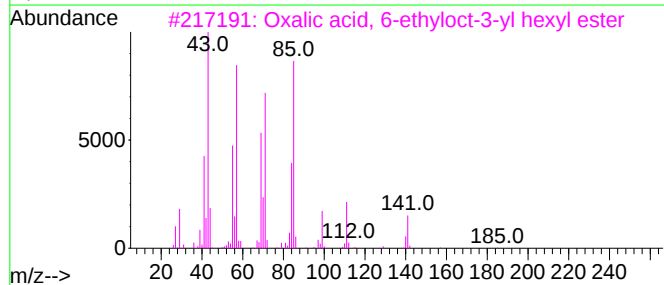
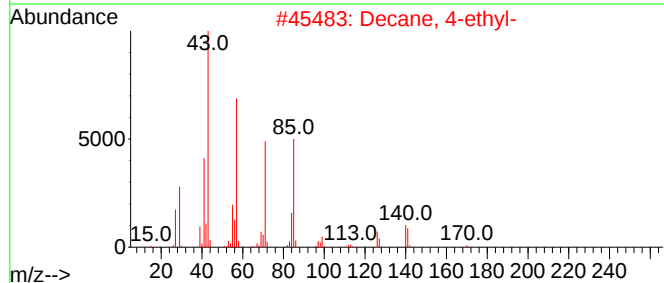
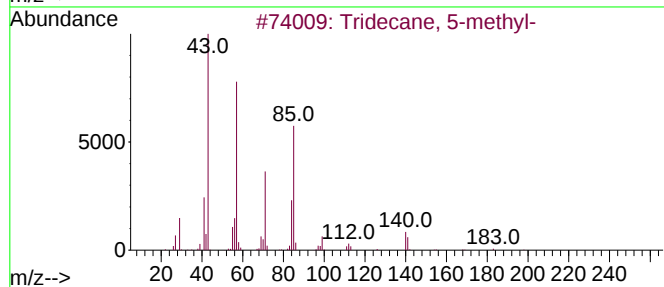
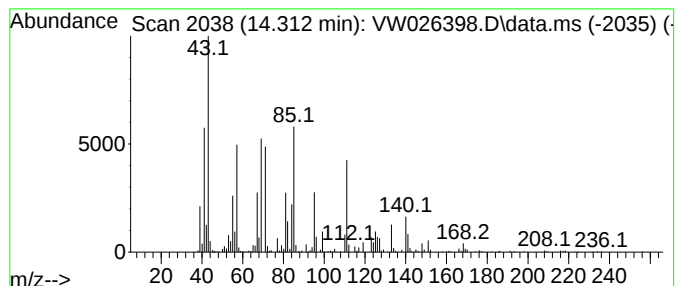
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	4.07 ug/L	260680	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-methyl-	198	C14H30	025117-31-1	49
2			Decane, 4-ethyl-	170	C12H26	001636-44-8	49
3			Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	46
4			Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	46
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

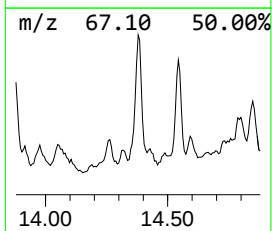
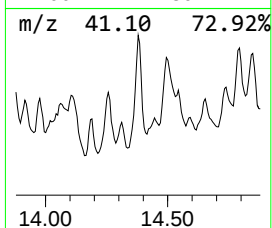
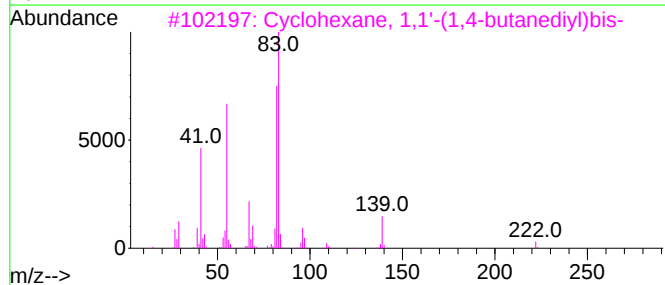
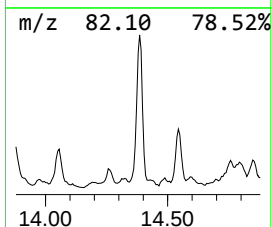
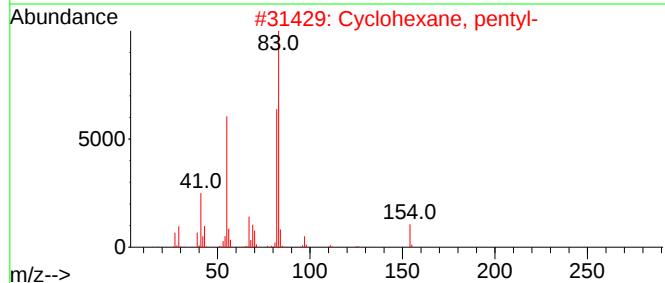
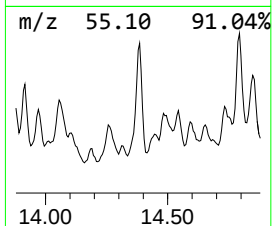
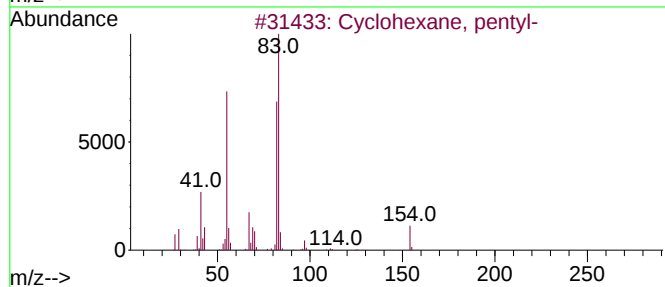
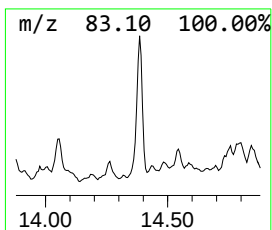
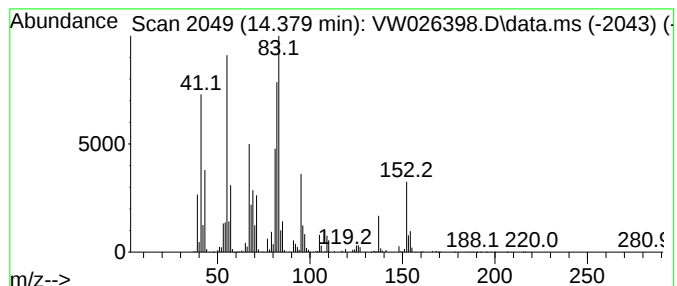
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Cyclic14.379 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.379	30.08 ug/L	1928330	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	58
3	Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	53
4	Cyclopentane, 1-methyl-3-(1-methylethyl)-	126	C9H18	053771-88-3	53
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

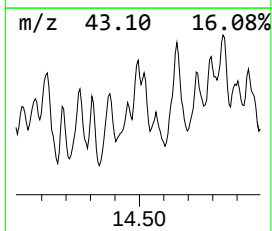
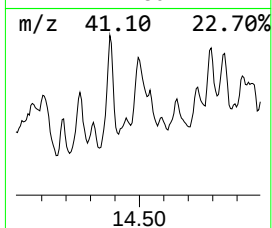
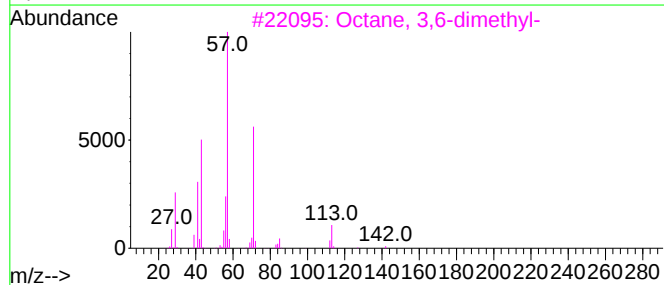
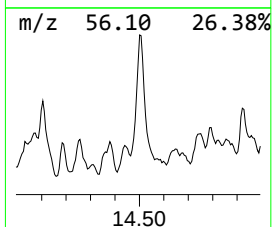
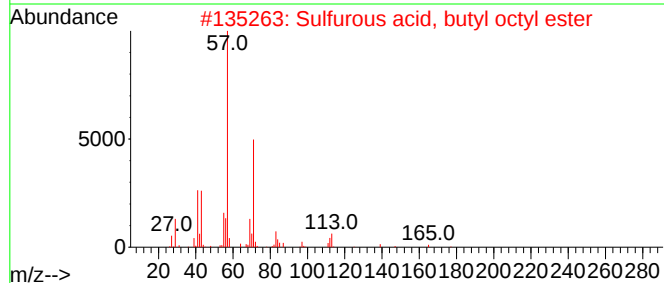
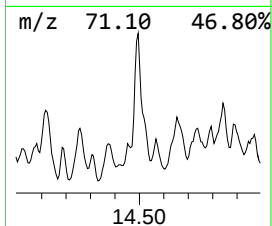
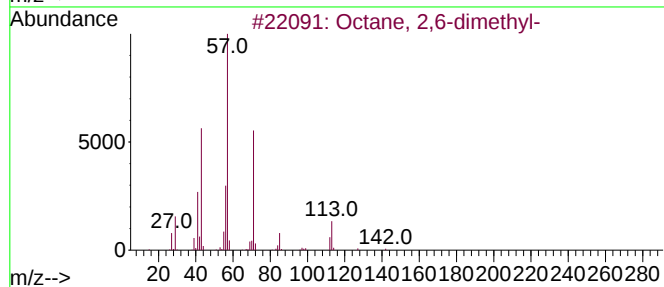
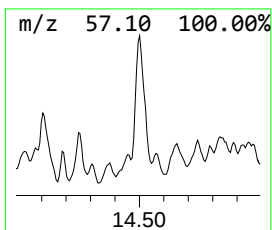
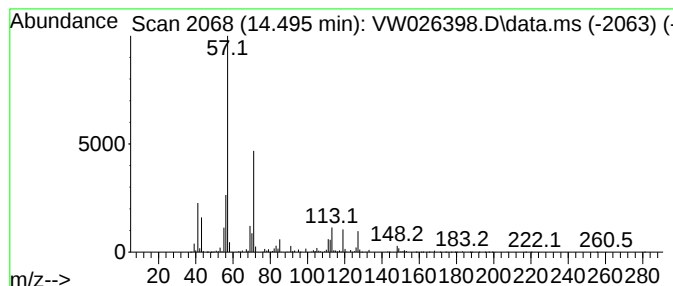
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.495	29.45 ug/L	1888030	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	59
2	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

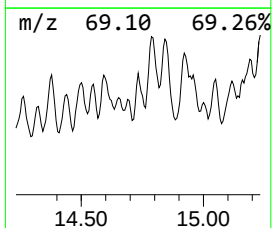
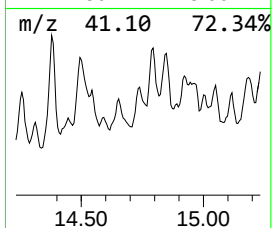
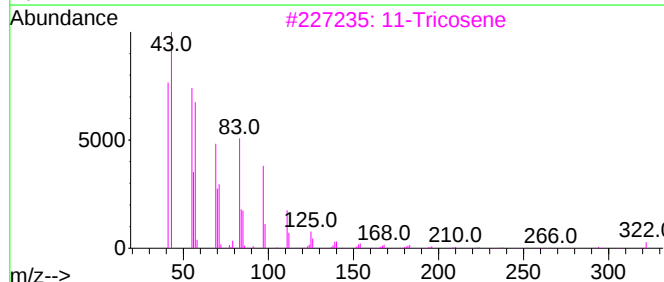
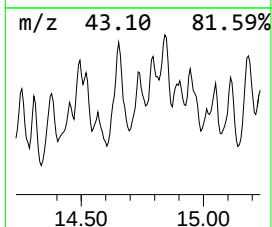
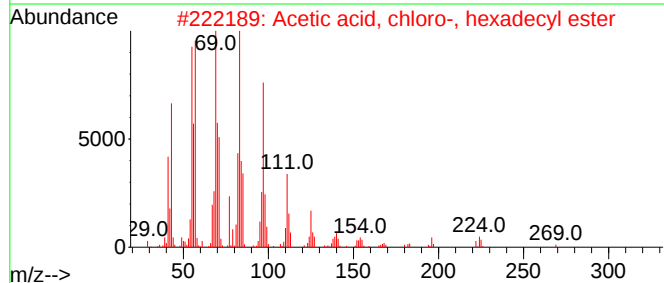
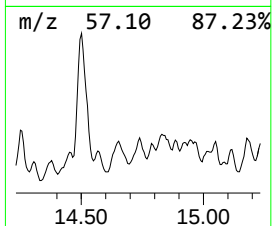
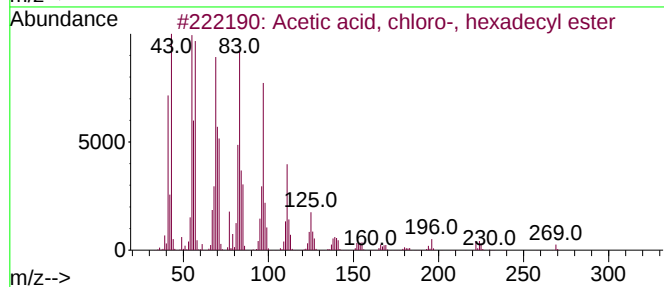
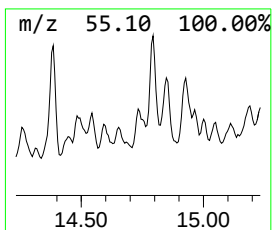
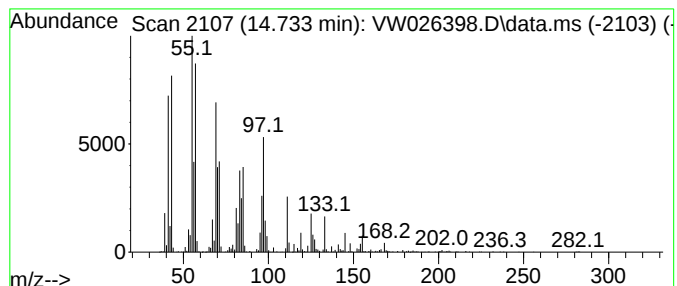
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Quant Title : SFAM01.0

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

Peak Number 29 Acetic acid, chloro-, hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	12.53 ug/L	803410	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	86
2			Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	80
3			11-Tricosene	322	C23H46	052078-56-5	72
4			1-Octadecanol	270	C18H38O	000112-92-5	64
5			Cyclotetradecane	196	C14H28	000295-17-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

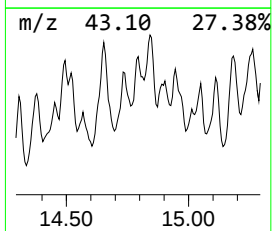
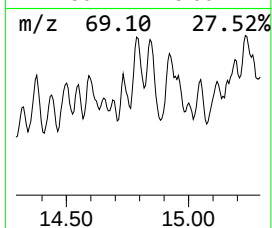
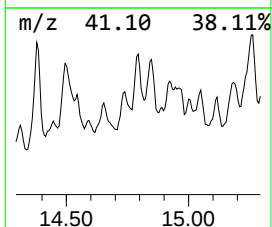
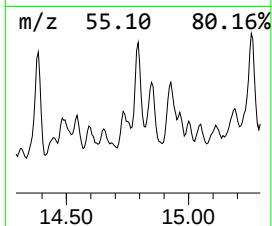
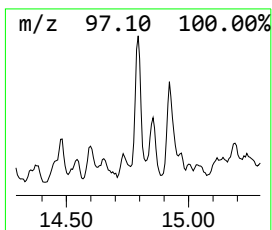
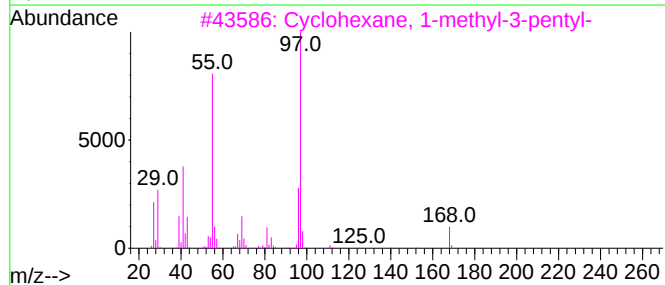
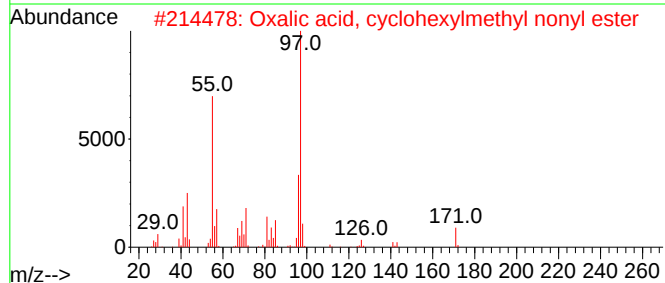
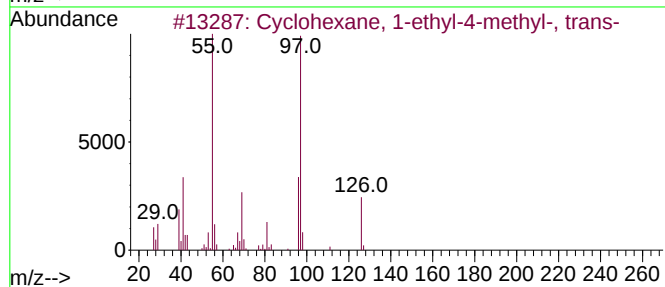
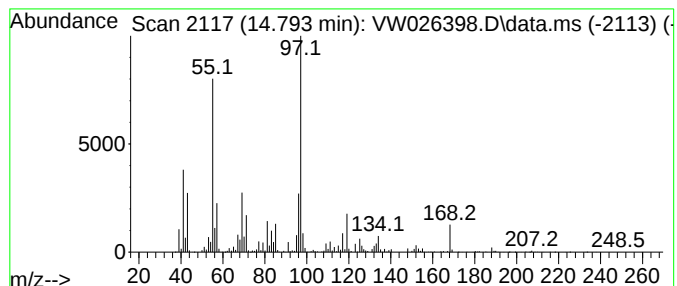
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic14.794 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.794	23.85 ug/L	1528710	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	70
2			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	68
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	64
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
5			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

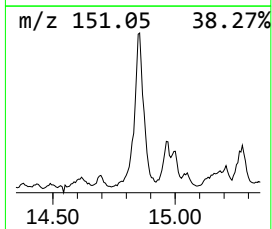
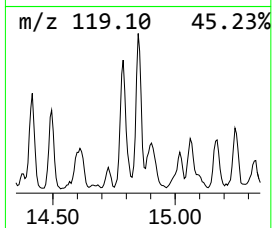
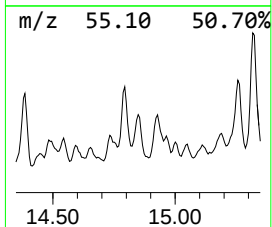
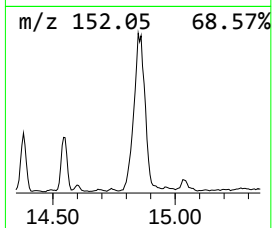
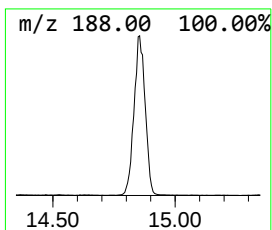
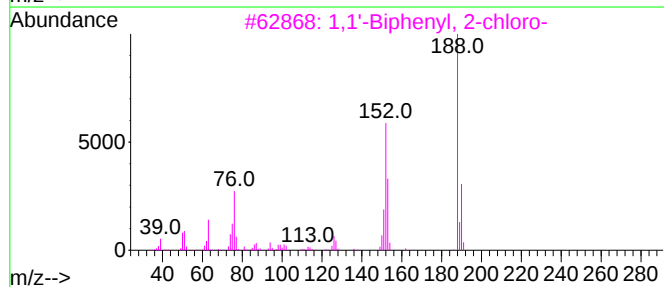
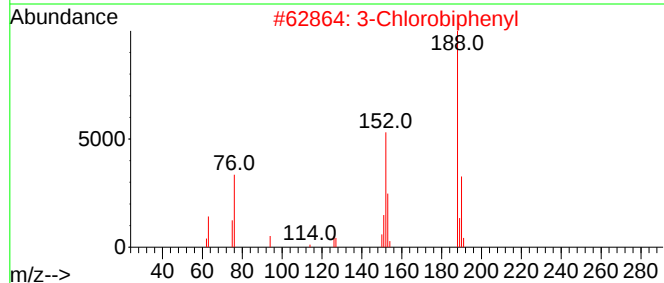
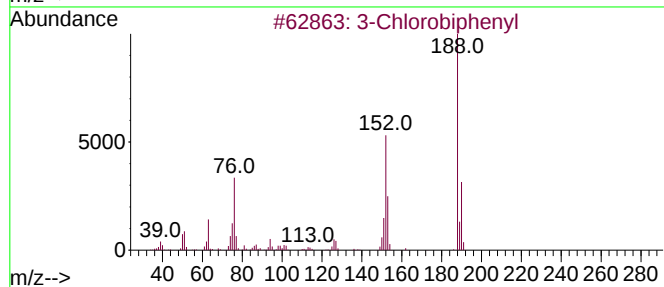
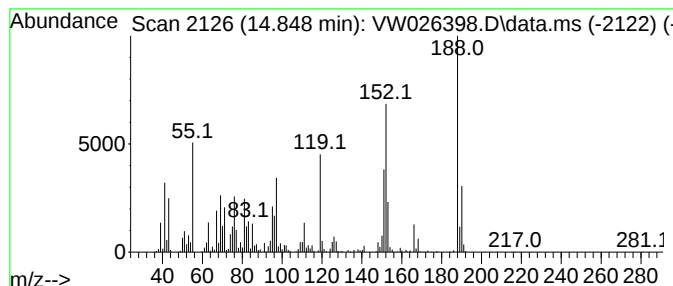
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Quant Title : SFAM01.0

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

Peak Number 31 3-Chlorobiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	42.49 ug/L	2723840	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
2			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
3			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	89
4			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	70
5			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

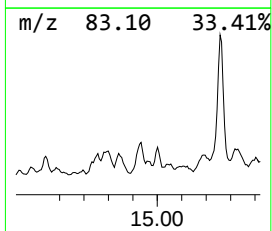
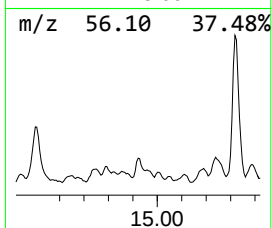
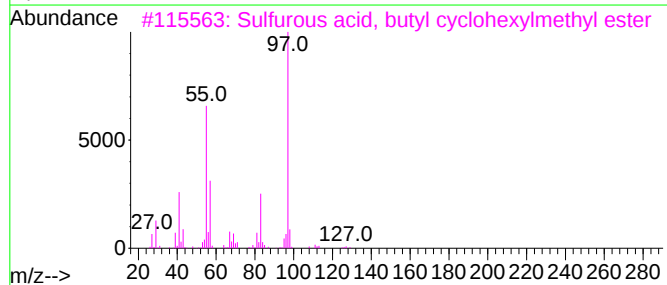
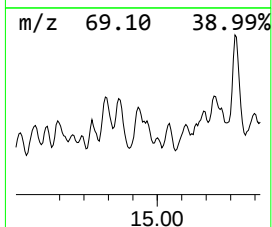
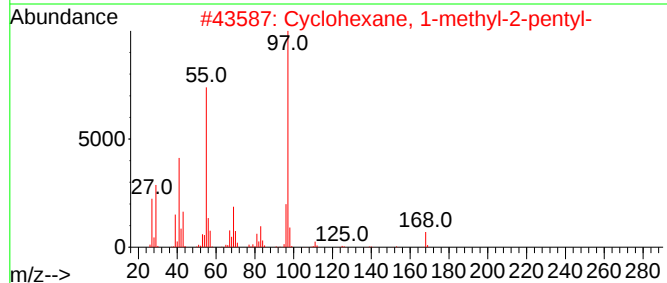
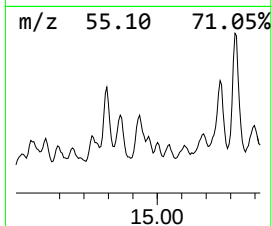
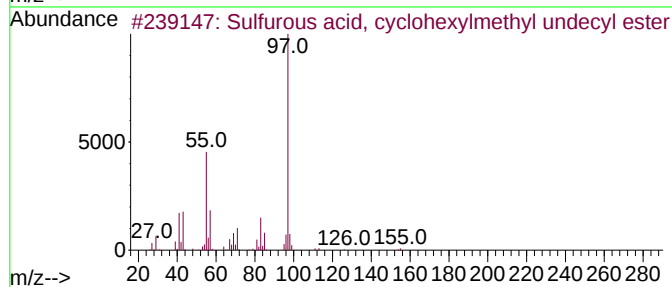
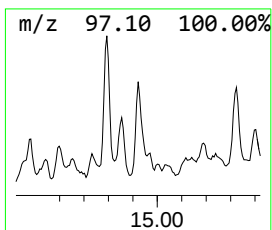
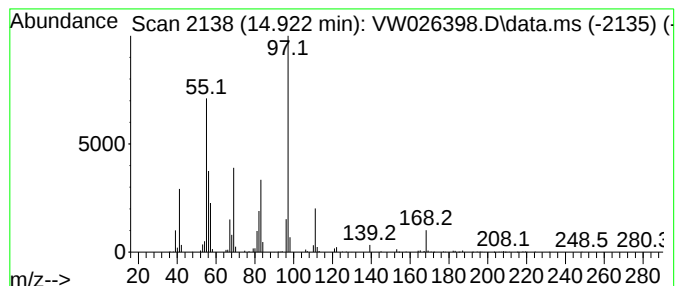
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Quant Title : SFAM01.0

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

Peak Number 32 Sulfurous acid, cyclohexylm... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	7.36 ug/L	471505	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	53
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52
3			Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	47
4			Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	47
5			2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

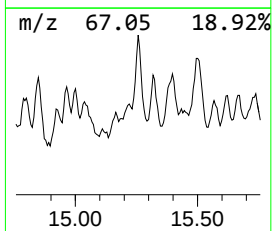
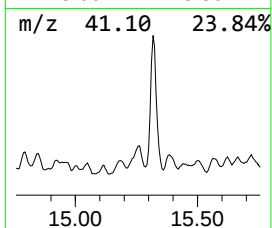
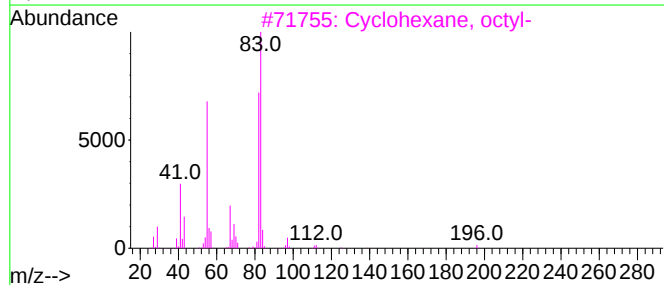
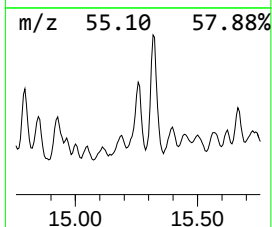
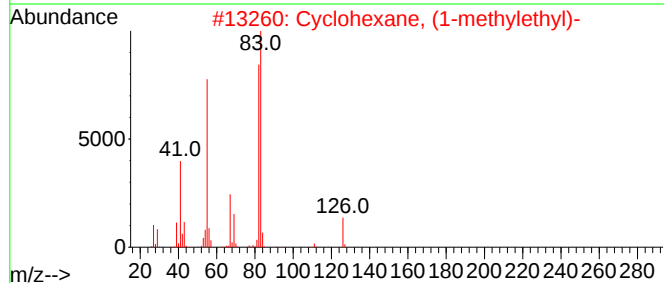
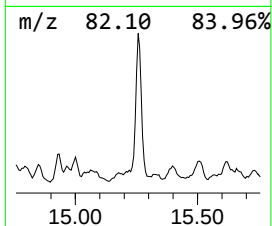
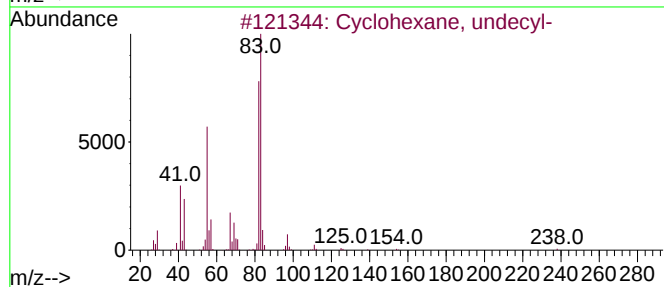
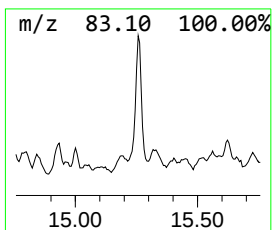
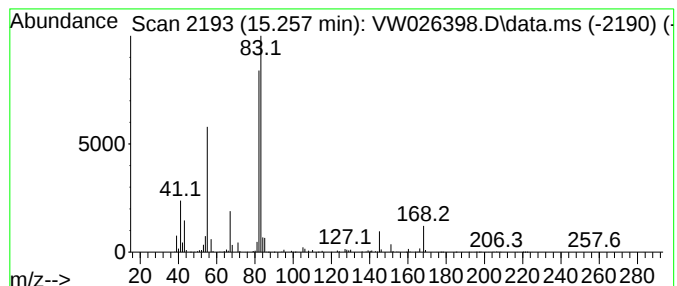
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Cyclic15.257 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	18.01 ug/L	1154370	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

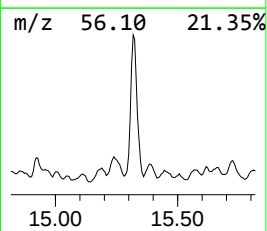
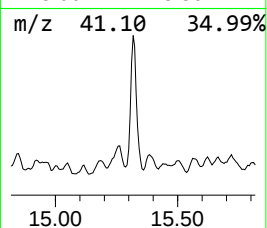
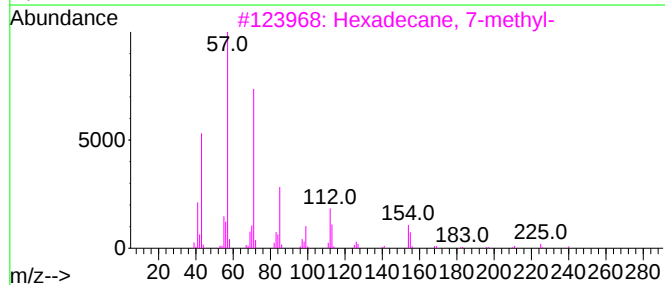
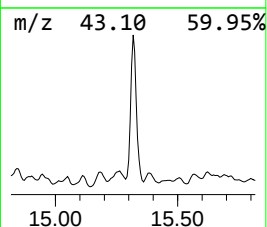
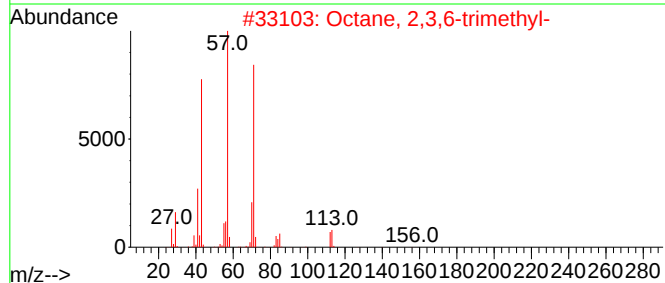
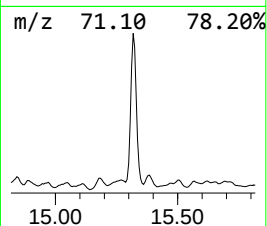
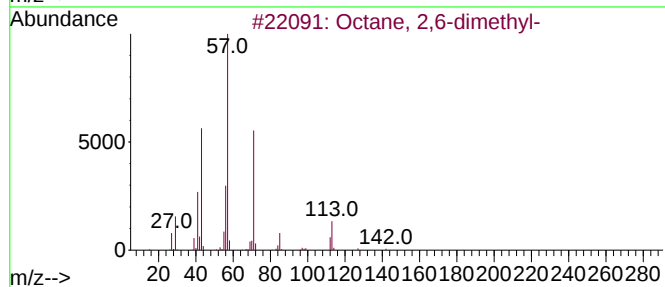
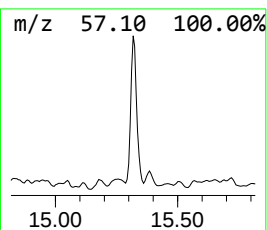
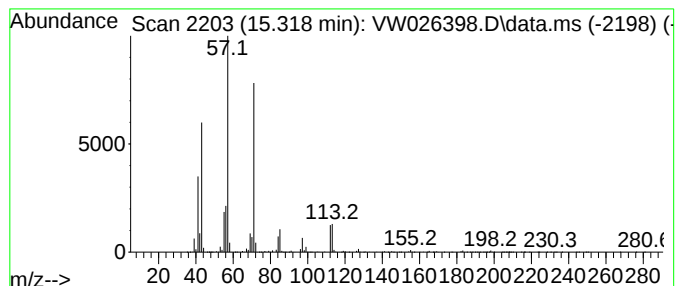
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Quant Title : SFAM01.0

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	107.44 ug/L	6887470	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			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
3			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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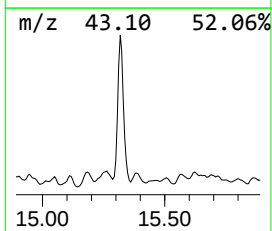
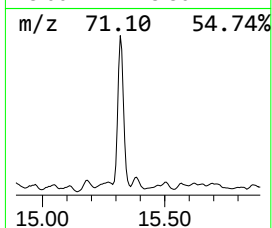
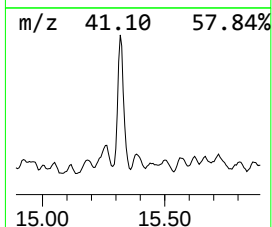
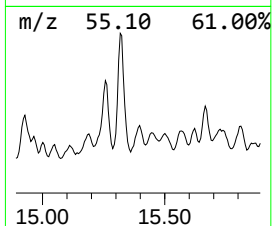
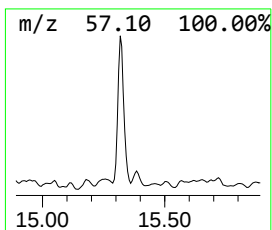
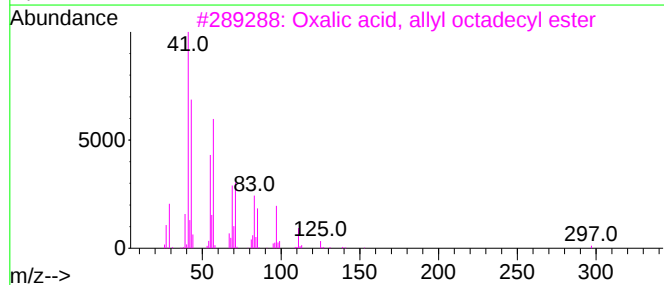
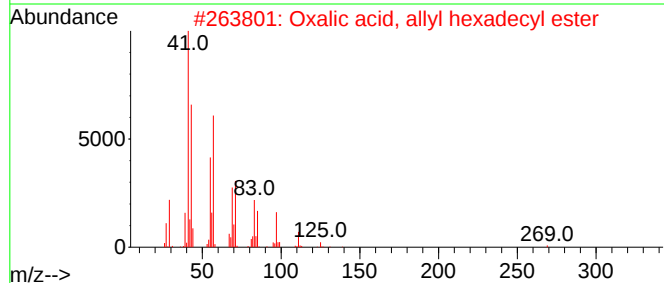
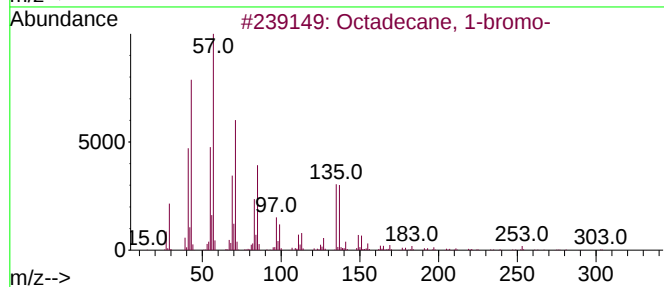
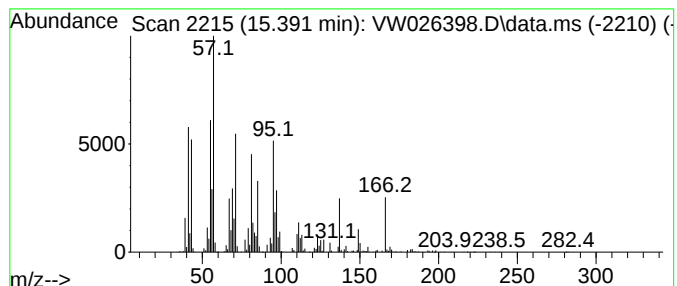
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Quant Title : SFAM01.0

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

Peak Number 35 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	18.38 ug/L	1178210	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	46
2			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	43
3			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	43
4			Docosyl isobutyl ether	382	C26H54O	1000406-33-1	30
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

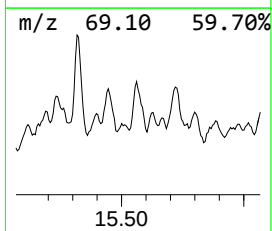
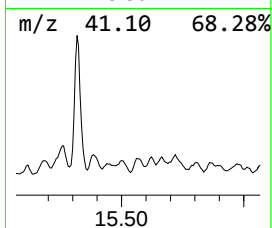
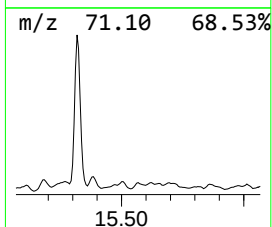
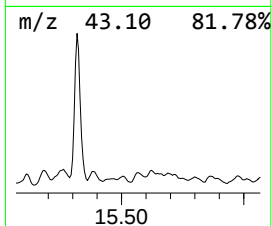
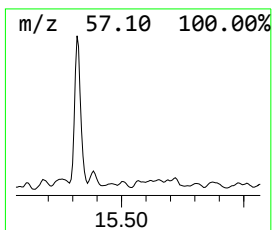
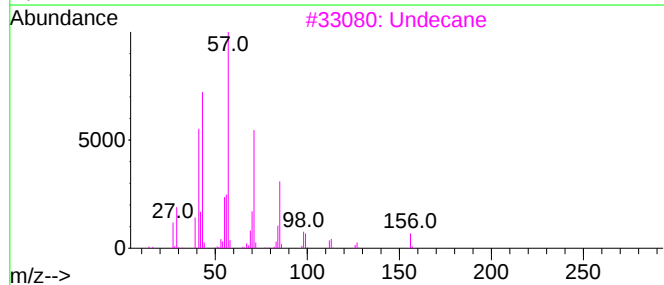
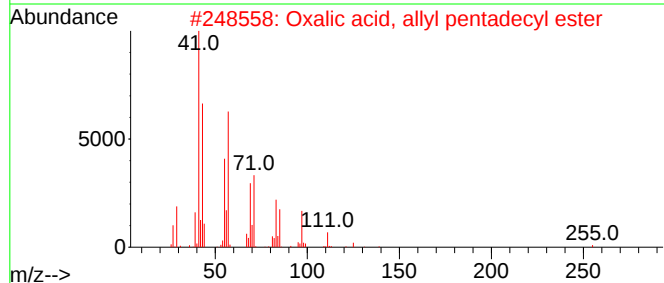
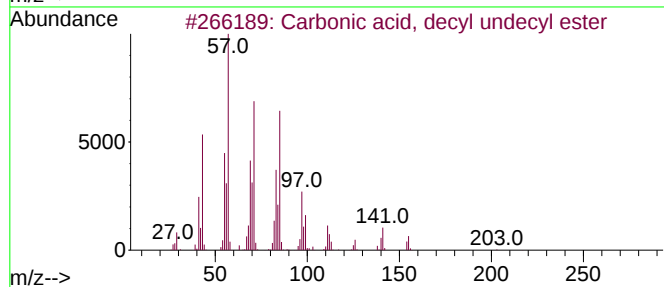
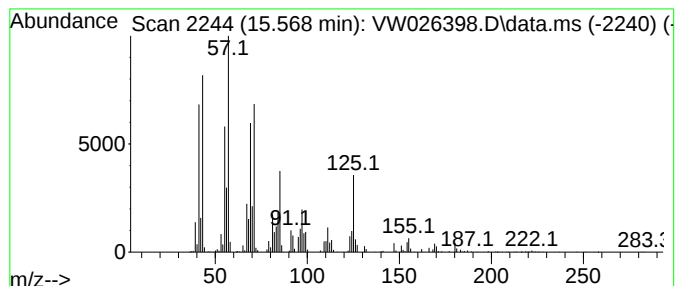
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Quant Title : SFAM01.0

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

Peak Number 36 Carbonic acid, decyl undecyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	11.58 ug/L	742563	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	64
2			Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	58
3			Undecane	156	C11H24	001120-21-4	55
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	52
5			Dichloroacetic acid, 2-pentadecyl...	338	C17H32Cl2O2	1010280-64-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

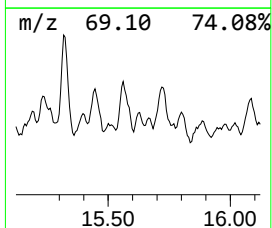
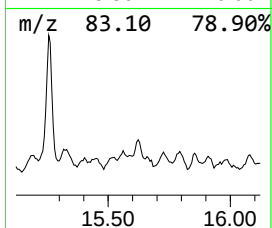
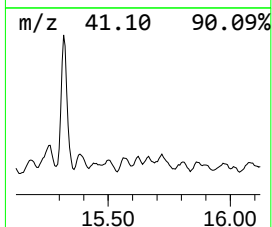
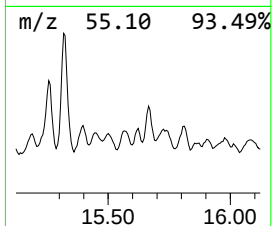
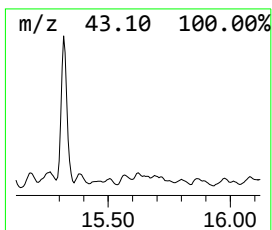
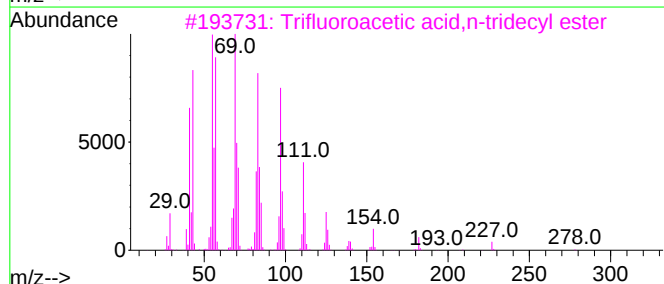
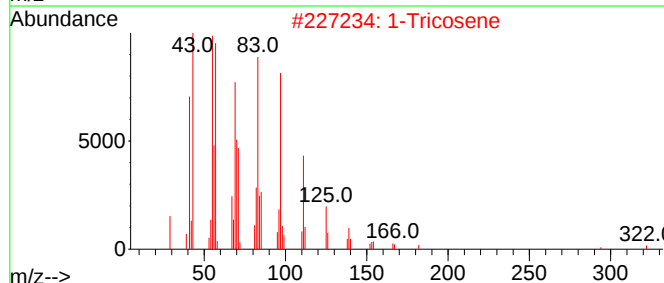
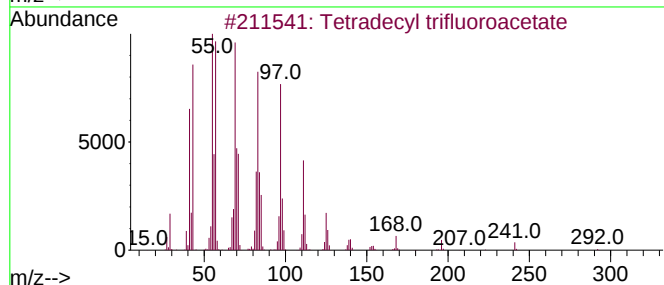
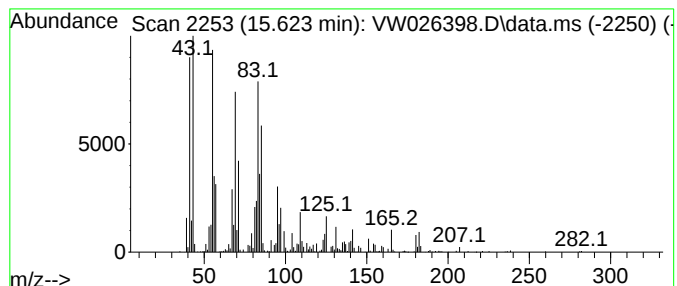
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Quant Title : SFAM01.0

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

Peak Number 37 Tetradecyl trifluoroacetate Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.623	5.65 ug/L	362422	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	53
2			1-Tricosene	322	C23H46	018835-32-0	50
3			Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	49
4			1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	35
5			4-Isopropylcyclohexanone	140	C9H16O	005432-85-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

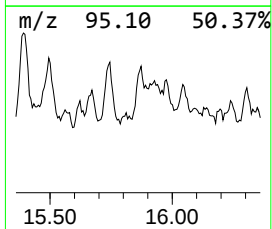
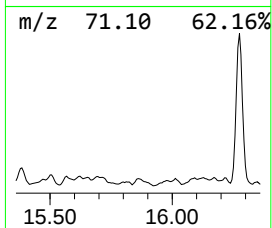
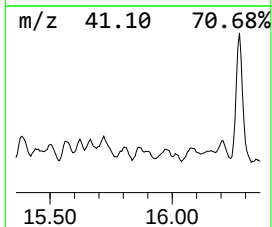
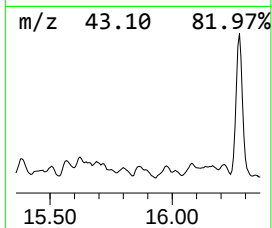
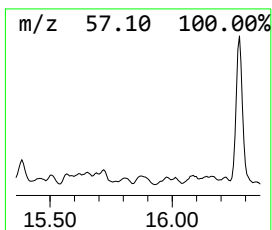
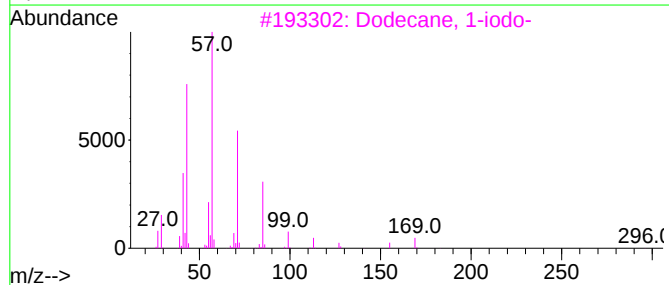
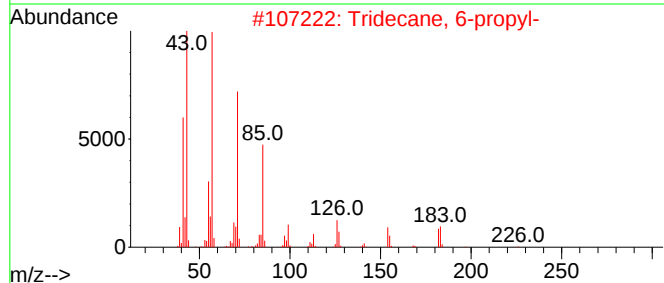
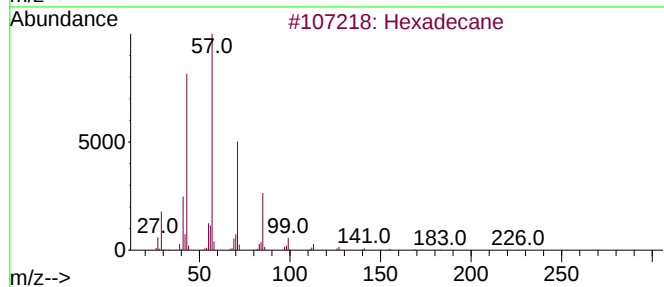
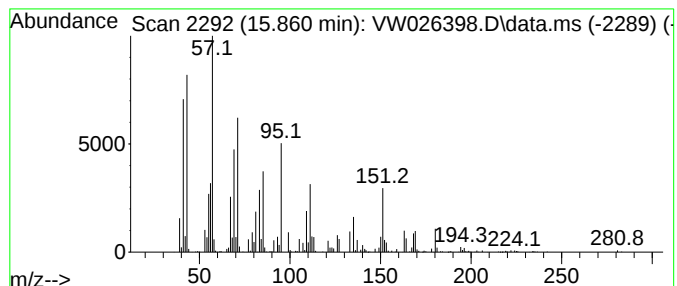
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Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	7.90 ug/L	506710	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	35
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	35
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	25
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	25
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

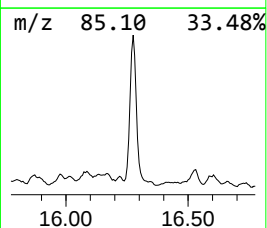
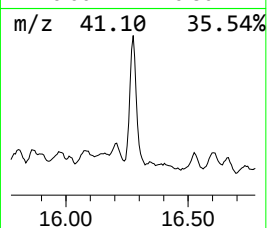
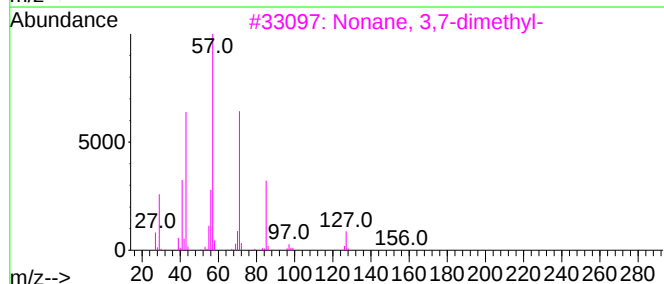
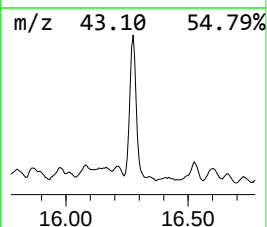
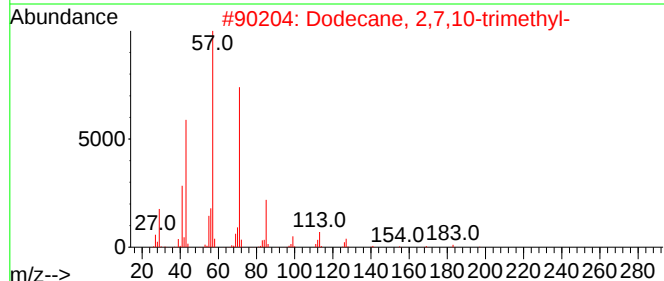
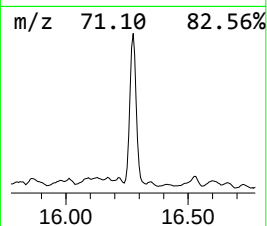
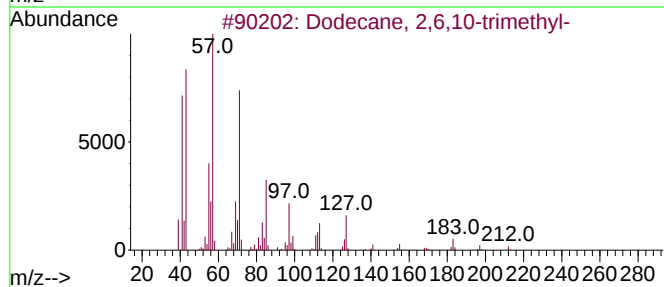
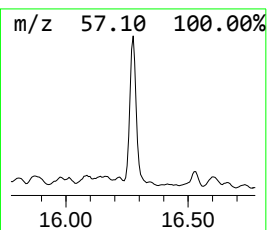
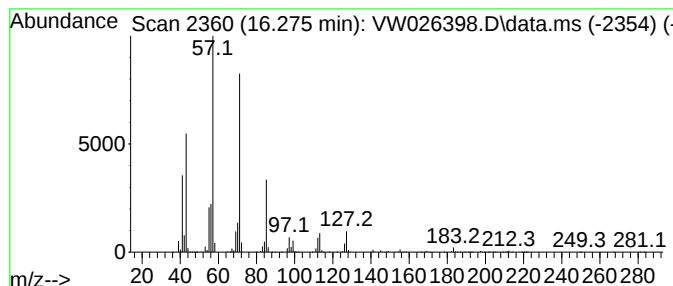
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	86.08 ug/L	5518030	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

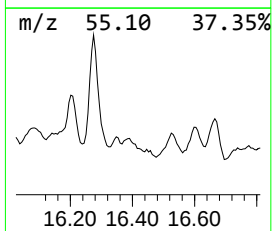
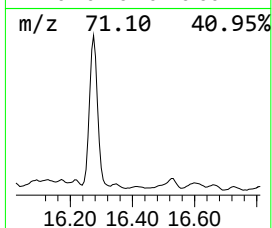
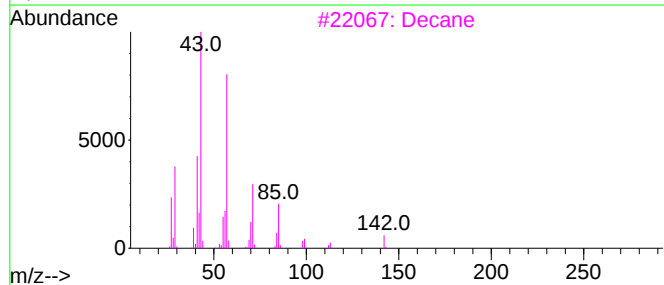
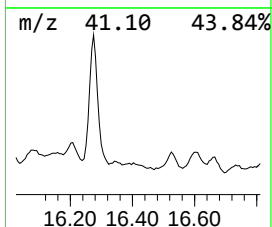
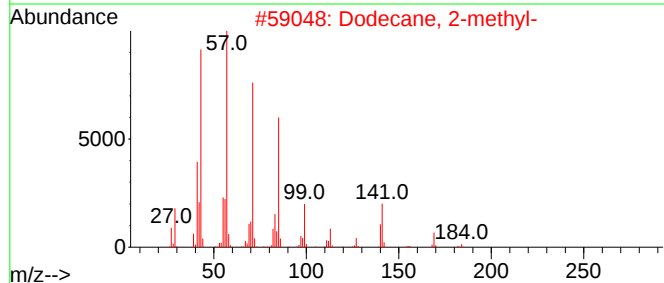
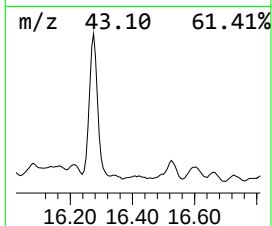
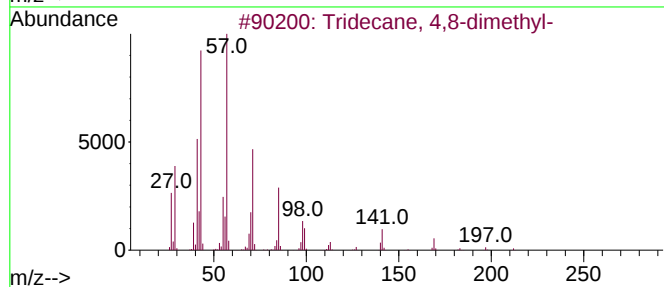
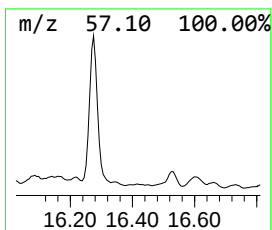
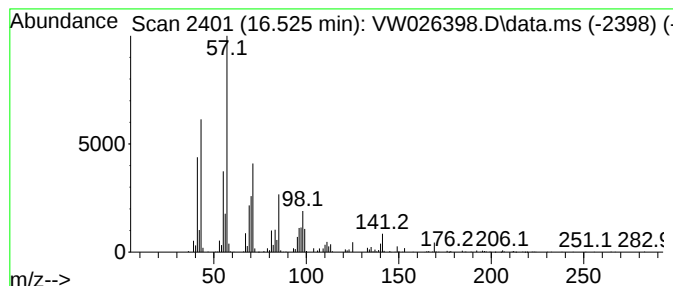
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.525	9.51 ug/L	609876	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	76
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	60
3		Decane	142	C10H22	000124-18-5	58
4		Decane	142	C10H22	000124-18-5	58
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026398.D
Acq On : 28 Jun 2023 15:09
Operator : SY/MD
Sample : 03421-02
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

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: C...	11.227	1.6	ug/L	163270	2	11.629	2602520	25.0
(DEL) Alkane: S...	11.337	4.1	ug/L	422898	2	11.629	2602520	25.0
(DEL) Alkane: C...	11.873	2.1	ug/L	215512	2	11.629	2602520	25.0
(DEL) Alkane: C...	12.135	3.4	ug/L	357522	2	11.629	2602520	25.0
(DEL) Alkane: S...	12.251	3.8	ug/L	399274	2	11.629	2602520	25.0
(DEL) Alkane: S...	12.331	2.5	ug/L	262334	2	11.629	2602520	25.0
(DEL) Alkane: S...	12.361	3.7	ug/L	389684	2	11.629	2602520	25.0
1-Octanol, 2-bu...	12.593	10.5	ug/L	675333	3	13.556	1602630	25.0
(DEL) Alkane: C...	12.776	5.8	ug/L	368675	3	13.556	1602630	25.0
Cyclopropane, 1...	12.861	2.9	ug/L	185545	3	13.556	1602630	25.0
(DEL) Alkane: C...	12.940	18.4	ug/L	1177770	3	13.556	1602630	25.0
(DEL) Alkane: S...	13.074	3.7	ug/L	239642	3	13.556	1602630	25.0
(DEL) Alkane: S...	13.123	1.9	ug/L	123963	3	13.556	1602630	25.0
(DEL) Alkane: S...	13.160	4.4	ug/L	284287	3	13.556	1602630	25.0
(DEL) Alkane: S...	13.288	7.2	ug/L	459948	3	13.556	1602630	25.0
(DEL) Alkane: S...	13.336	3.5	ug/L	224727	3	13.556	1602630	25.0
(DEL) Alkane: S...	13.410	5.6	ug/L	359950	3	13.556	1602630	25.0
(DEL) Alkane: C...	13.446	7.9	ug/L	504932	3	13.556	1602630	25.0
1-Dotriacontano...	13.477	3.6	ug/L	232386	3	13.556	1602630	25.0
(DEL) Alkane: C...	13.696	9.6	ug/L	616194	3	13.556	1602630	25.0
(DEL) Alkane: C...	13.916	12.5	ug/L	802903	3	13.556	1602630	25.0
(DEL) Alkane: C...	13.977	6.5	ug/L	418885	3	13.556	1602630	25.0
(DEL) Alkane: S...	14.190	8.0	ug/L	514604	3	13.556	1602630	25.0
Oxalic acid, al...	14.257	15.1	ug/L	967105	3	13.556	1602630	25.0
(DEL) Alkane: S...	14.312	4.1	ug/L	260680	3	13.556	1602630	25.0
(DEL) Alkane: C...	14.379	30.1	ug/L	1928330	3	13.556	1602630	25.0
(DEL) Alkane: S...	14.495	29.4	ug/L	1888030	3	13.556	1602630	25.0
Acetic acid, ch...	14.733	12.5	ug/L	803410	3	13.556	1602630	25.0
(DEL) Alkane: C...	14.794	23.9	ug/L	1528710	3	13.556	1602630	25.0
3-Chlorobiphenyl	14.848	42.5	ug/L	2723840	3	13.556	1602630	25.0
Sulfurous acid,...	14.922	7.4	ug/L	471505	3	13.556	1602630	25.0
(DEL) Alkane: C...	15.257	18.0	ug/L	1154370	3	13.556	1602630	25.0
(DEL) Alkane: S...	15.318	107.4	ug/L	6887470	3	13.556	1602630	25.0
unknown-01	15.391	18.4	ug/L	1178210	3	13.556	1602630	25.0
Carbonic acid, ...	15.568	11.6	ug/L	742563	3	13.556	1602630	25.0
Tetradecyl trif...	15.623	5.7	ug/L	362422	3	13.556	1602630	25.0
(DEL) Alkane: S...	15.860	7.9	ug/L	506710	3	13.556	1602630	25.0
(DEL) Alkane: S...	16.275	86.1	ug/L	5518030	3	13.556	1602630	25.0
(DEL) Alkane: S...	16.525	9.5	ug/L	609876	3	13.556	1602630	25.0