

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026493.D
 Acq On : 01 Jul 2023 00:24
 Operator : SY/MD
 Sample : 03444-12
 Misc : 4.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46T6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Signal : TIC: VW026493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.180	45	48	49	rBV3	3556	3989	0.16%	0.015%
2	2.363	71	78	96	rVB2	176613	485192	19.93%	1.846%
3	2.625	117	121	122	rBV4	5557	8438	0.35%	0.032%
4	2.893	158	165	182	rBV2	119322	449497	18.46%	1.710%
5	3.783	303	311	322	rBV3	15712	54494	2.24%	0.207%
6	4.021	337	350	360	rBV	226977	733976	30.14%	2.793%
7	4.112	360	365	378	rVB	69435	201720	8.28%	0.768%
8	4.387	403	410	423	rVB	9441	27882	1.15%	0.106%
9	4.911	488	496	502	rBV5	11486	37743	1.55%	0.144%
10	5.009	504	512	527	rVV2	20627	78812	3.24%	0.300%
11	5.155	530	536	539	rVB8	2834	5189	0.21%	0.020%
12	5.429	576	581	589	rVB8	5796	15006	0.62%	0.057%
13	5.771	633	637	638	rVV4	3350	3901	0.16%	0.015%
14	5.789	638	640	645	rVB6	3497	4248	0.17%	0.016%
15	5.941	658	665	667	rBV8	3162	7462	0.31%	0.028%
16	6.216	699	710	721	rBV	68254	207067	8.50%	0.788%
17	6.990	830	837	843	rBV10	3940	11969	0.49%	0.046%
18	7.075	843	851	858	rVV	72877	203570	8.36%	0.775%
19	7.167	858	866	879	rVB	198251	553908	22.75%	2.108%
20	7.459	911	914	920	rVB8	2085	4030	0.17%	0.015%
21	7.648	934	945	959	rVB	399858	962669	39.54%	3.663%
22	7.776	963	966	970	rVB6	2505	3423	0.14%	0.013%
23	7.959	986	996	1003	rVV10	7440	20646	0.85%	0.079%
24	8.026	1006	1007	1009	rVV2	4137	4112	0.17%	0.016%
25	8.148	1025	1027	1033	rVB7	2593	3656	0.15%	0.014%
26	8.276	1038	1048	1065	rVV2	761882	2275354	93.45%	8.657%
27	8.575	1090	1097	1104	rVB7	9139	21899	0.90%	0.083%
28	8.697	1110	1117	1123	rBV10	4894	14081	0.58%	0.054%
29	8.843	1132	1141	1153	rBV	1090309	2211929	90.85%	8.416%
30	9.081	1168	1180	1189	rBV7	14508	43214	1.77%	0.164%
31	9.270	1202	1211	1219	rBV	682917	1432294	58.83%	5.450%
32	9.331	1219	1221	1227	rVB3	37951	60880	2.50%	0.232%
33	9.520	1248	1252	1256	rBV7	3606	5553	0.23%	0.021%
34	9.605	1256	1266	1272	rBV7	7001	17021	0.70%	0.065%
35	9.752	1283	1290	1298	rVB3	15899	34011	1.40%	0.129%
36	9.892	1308	1313	1317	rBV6	6655	12683	0.52%	0.048%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026493.D
 Acq On : 01 Jul 2023 00:24
 Operator : SY/MD
 Sample : 03444-12
 Misc : 4.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46T6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

37	9.941	1319	1321	1326	rVB5	4088	6045	0.25%	0.023%
38	10.032	1329	1336	1349	rBV	308164	583224	23.95%	2.219%
39	10.209	1358	1365	1366	rBV7	3970	6092	0.25%	0.023%
40	10.245	1368	1371	1376	rVB4	7904	12132	0.50%	0.046%
41	10.325	1376	1384	1392	rBV	1362575	2434836	100.00%	9.264%
42	10.489	1406	1411	1419	rVB4	11121	25291	1.04%	0.096%
43	10.575	1419	1425	1435	rBV	188795	340701	13.99%	1.296%
44	10.660	1436	1439	1444	rVV4	6799	11307	0.46%	0.043%
45	10.697	1444	1445	1449	rVB2	6113	6623	0.27%	0.025%
46	10.758	1449	1455	1460	rVB7	11894	22635	0.93%	0.086%
47	10.861	1465	1472	1476	rBV3	24647	42812	1.76%	0.163%
48	10.922	1476	1482	1492	rBV	338185	596960	24.52%	2.271%
49	11.142	1515	1518	1520	rVV3	5829	7677	0.32%	0.029%
50	11.172	1521	1523	1527	rVV4	5781	8563	0.35%	0.033%
51	11.227	1527	1532	1537	rVV3	30393	53346	2.19%	0.203%
52	11.282	1537	1541	1545	rVV6	11296	18856	0.77%	0.072%
53	11.331	1545	1549	1553	rVB5	6564	10187	0.42%	0.039%
54	11.434	1560	1566	1575	rVB3	22304	44086	1.81%	0.168%
55	11.544	1576	1584	1588	rBV10	7345	18752	0.77%	0.071%
56	11.629	1591	1598	1606	rBV	1317190	2226434	91.44%	8.471%
57	11.709	1607	1611	1617	rVV4	12095	22885	0.94%	0.087%
58	11.763	1617	1620	1625	rVB5	10538	14594	0.60%	0.056%
59	11.818	1625	1629	1634	rBV3	17529	42214	1.73%	0.161%
60	11.873	1635	1638	1642	rVB4	7582	12058	0.50%	0.046%
61	11.971	1650	1654	1656	rBV3	11789	17725	0.73%	0.067%
62	12.068	1667	1670	1672	rVB2	5447	4919	0.20%	0.019%
63	12.129	1673	1680	1685	rBV4	31199	81076	3.33%	0.308%
64	12.184	1686	1689	1693	rBV3	12055	15938	0.65%	0.061%
65	12.227	1693	1696	1698	rBV3	9996	16093	0.66%	0.061%
66	12.355	1704	1717	1723	rBV3	83416	257550	10.58%	0.980%
67	12.446	1723	1732	1740	rBV7	36717	120338	4.94%	0.458%
68	12.526	1740	1745	1748	rVB6	23428	34495	1.42%	0.131%
69	12.599	1752	1757	1764	rVB6	45191	116604	4.79%	0.444%
70	12.690	1764	1772	1778	rBV	466800	839243	34.47%	3.193%
71	12.775	1783	1786	1792	rVB4	58067	108172	4.44%	0.412%
72	12.855	1792	1799	1805	rBV6	59811	159834	6.56%	0.608%
73	12.928	1806	1811	1813	rBV4	62299	114003	4.68%	0.434%
74	13.074	1827	1835	1839	rVB7	43914	106639	4.38%	0.406%
75	13.123	1839	1843	1847	rBV2	34717	48394	1.99%	0.184%
76	13.184	1847	1853	1862	rBV5	86942	254660	10.46%	0.969%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026493.D
 Acq On : 01 Jul 2023 00:24
 Operator : SY/MD
 Sample : 03444-12
 Misc : 4.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46T6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

77	13.288	1862	1870	1875	rBV2	134451	283148	11.63%	1.077%
78	13.379	1881	1885	1886	rBV4	44807	58726	2.41%	0.223%
79	13.410	1887	1890	1898	rVB7	73891	151719	6.23%	0.577%
80	13.477	1898	1901	1904	rBV3	50597	59600	2.45%	0.227%
81	13.556	1908	1914	1919	rBV	600468	999138	41.04%	3.802%
82	13.696	1931	1937	1942	rBV4	91382	206672	8.49%	0.786%
83	13.848	1957	1962	1972	rBV2	508282	1052181	43.21%	4.003%
84	13.928	1972	1975	1980	rVV4	72389	112650	4.63%	0.429%
85	14.056	1993	1996	2001	rVB2	86772	121343	4.98%	0.462%
86	14.184	2014	2017	2021	rBV	99604	130339	5.35%	0.496%
87	14.257	2025	2029	2035	rVB3	167445	281870	11.58%	1.072%
88	14.318	2036	2039	2043	rVB3	59560	82168	3.37%	0.313%
89	14.379	2044	2049	2053	rBV2	249109	395225	16.23%	1.504%
90	14.489	2063	2067	2069	rBV3	109888	184150	7.56%	0.701%
91	14.653	2091	2094	2099	rBV2	120918	165373	6.79%	0.629%
92	14.732	2104	2107	2111	rVB3	136610	192207	7.89%	0.731%
93	14.793	2113	2117	2122	rBV5	111704	255152	10.48%	0.971%
94	14.848	2122	2126	2130	rVB2	164738	257927	10.59%	0.981%
95	14.921	2135	2138	2142	rBV3	97507	185887	7.63%	0.707%
96	15.238	2186	2190	2200	rVB8	167053	354517	14.56%	1.349%
97	15.336	2201	2206	2210	rBV3	188220	324996	13.35%	1.237%
98	15.391	2210	2215	2220	rBV5	247457	545096	22.39%	2.074%
99	15.568	2239	2244	2249	rBV5	186016	411838	16.91%	1.567%
100	15.720	2266	2269	2276	rVB7	204295	385198	15.82%	1.466%

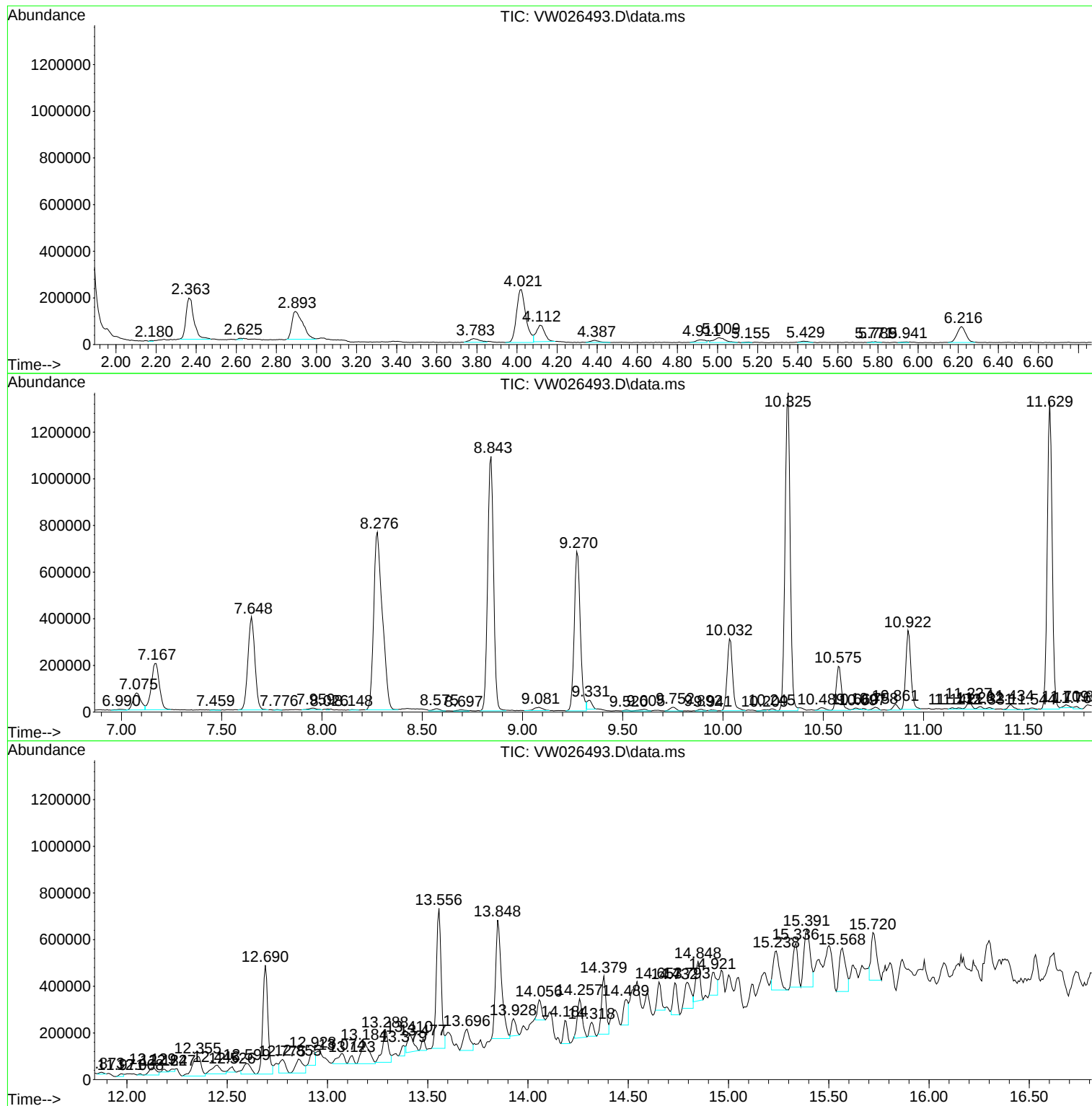
Sum of corrected areas: 26282631

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

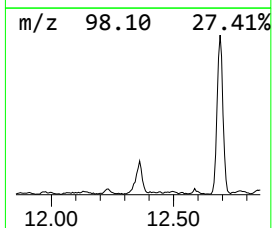
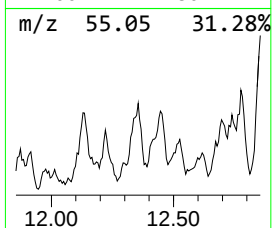
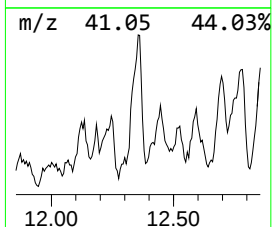
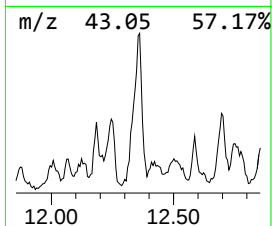
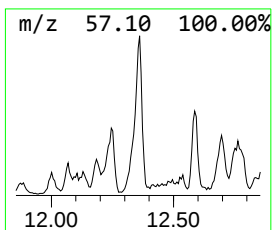
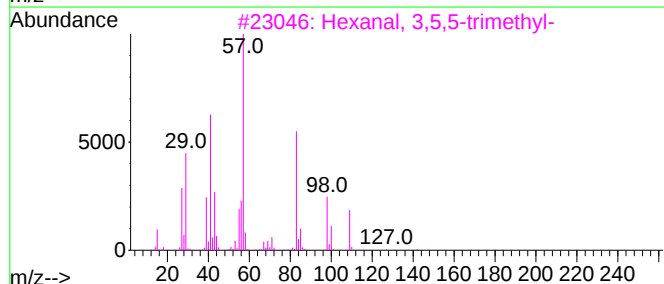
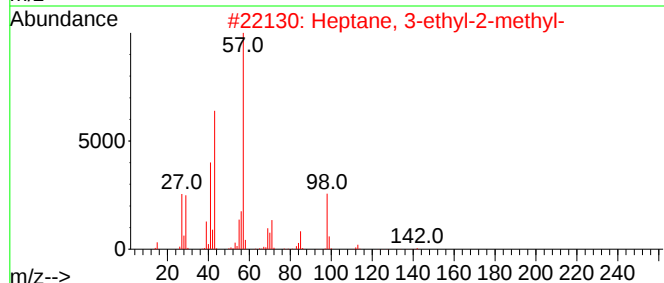
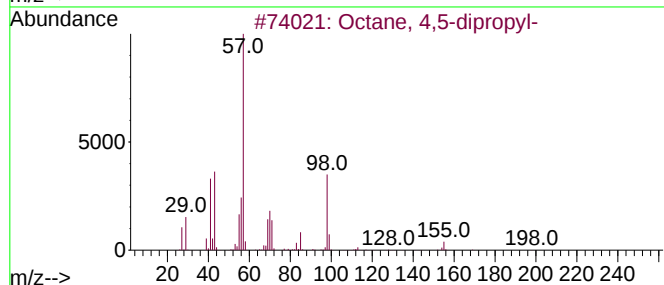
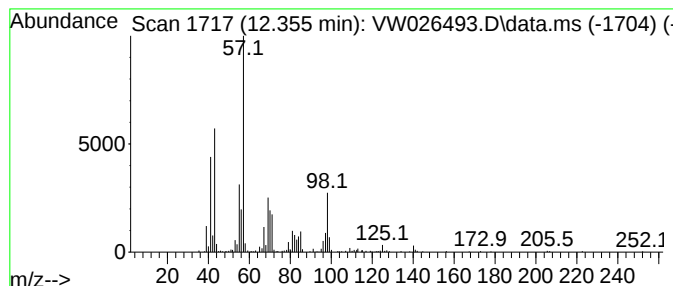
Instrument :
MSVOA_W
ClientSampleId :
A46T6

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

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.355	2.89 ug/L	257550	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	64
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
3	Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	52
4	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	50
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

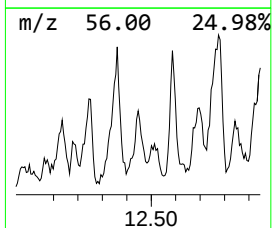
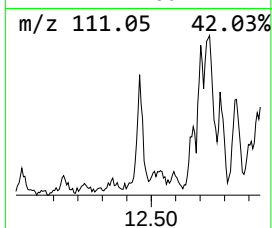
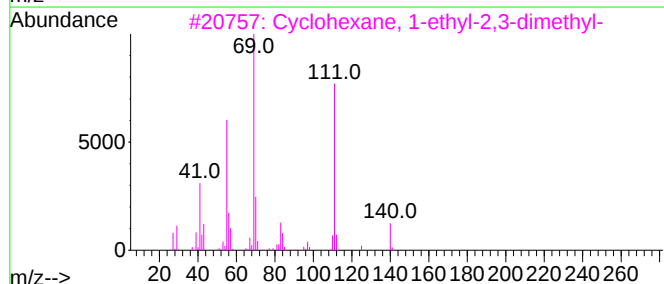
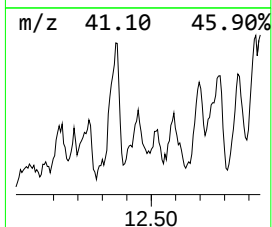
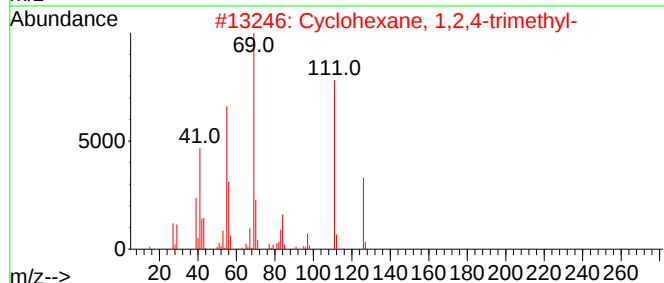
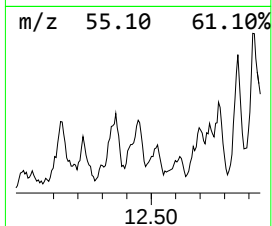
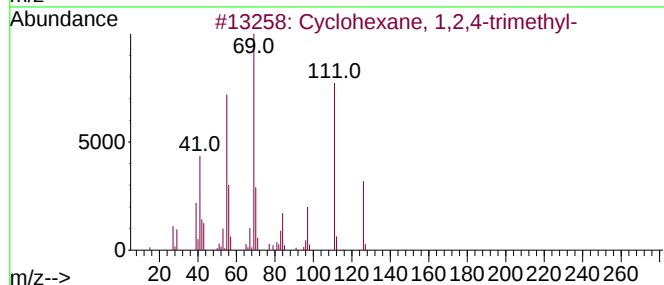
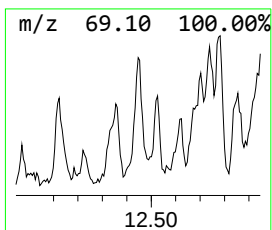
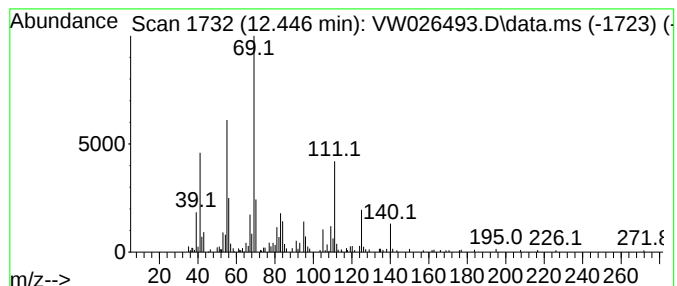
Instrument :
MSVOA_W
ClientSampleId :
A46T6

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

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

Peak Number 3 (DEL) Alkane: Cyclic12.446 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.446	1.35 ug/L	120338	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
3	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	49
4	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	49
5	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

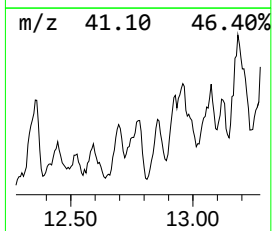
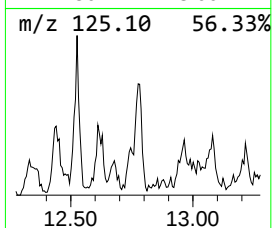
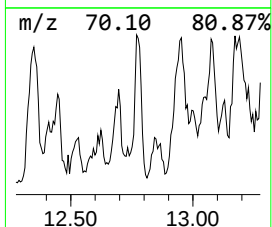
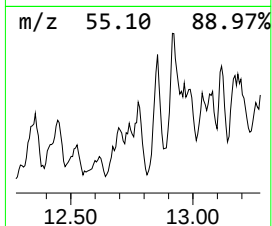
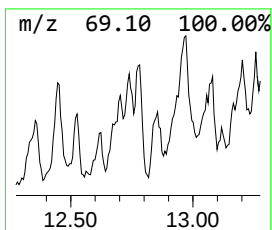
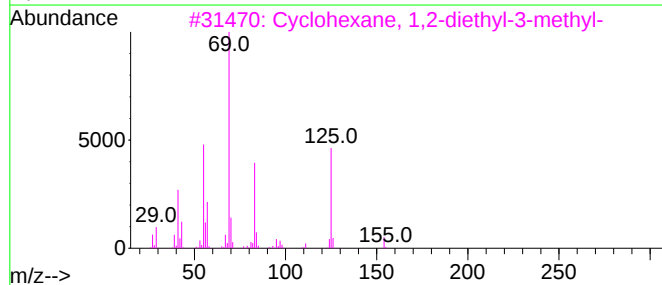
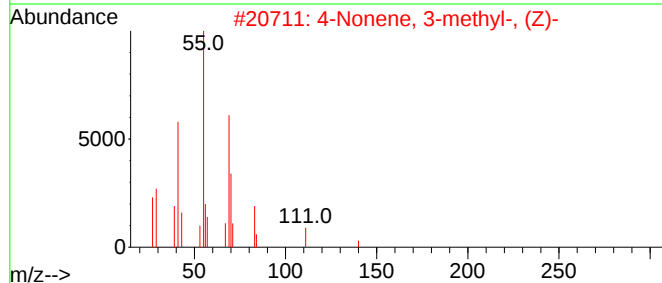
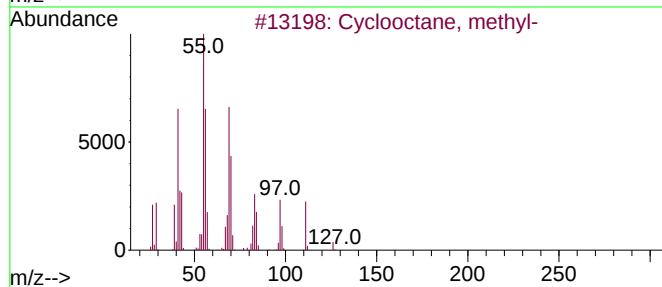
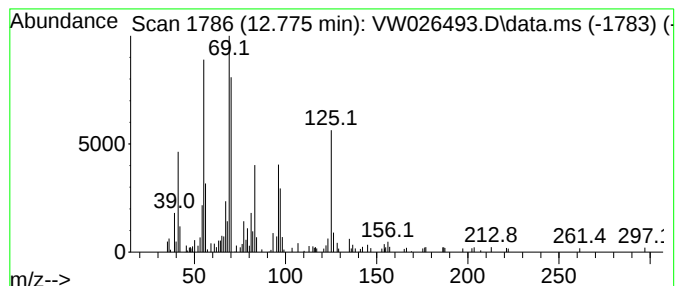
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic12.775 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	2.71 ug/L	108172	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	50
2			4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	47
3			Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	46
4			Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	43
5			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

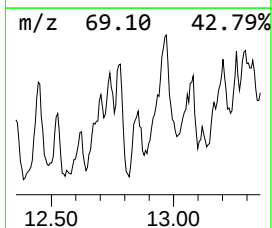
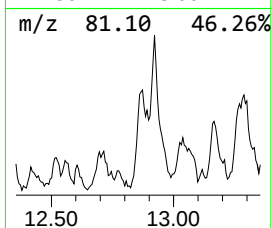
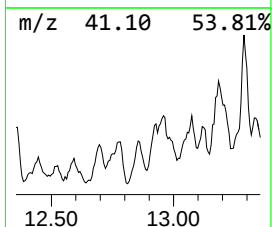
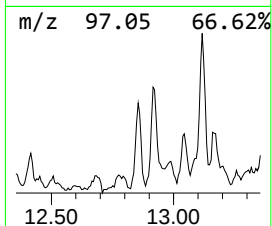
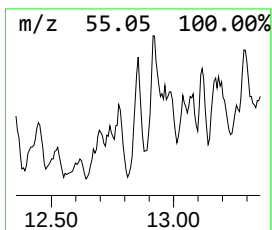
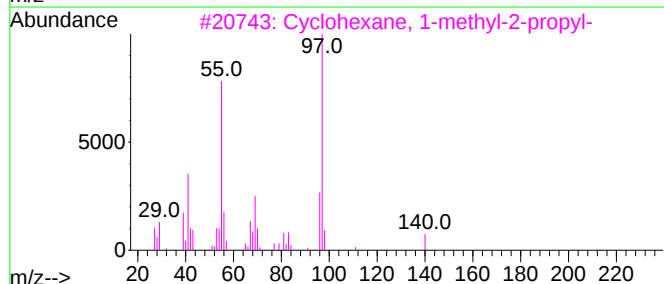
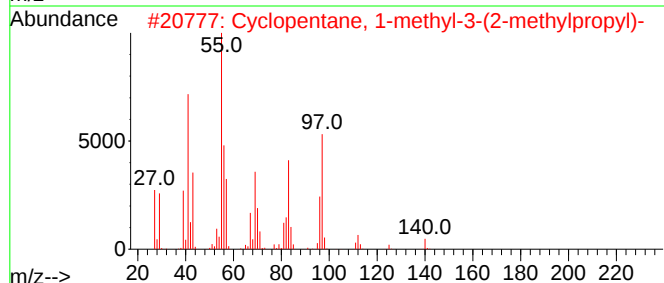
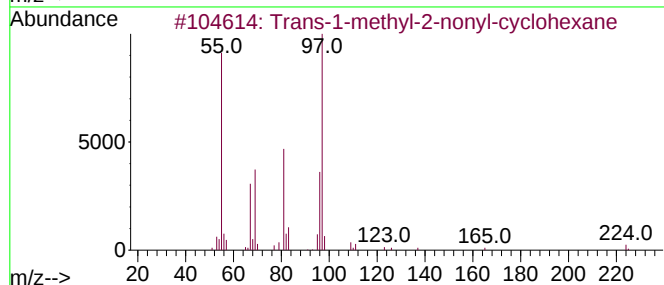
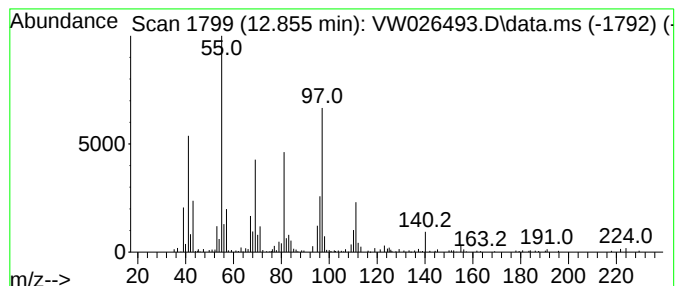
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic12.855 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	4.00 ug/L	159834	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	58
2			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	52
3			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
4			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	47
5			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

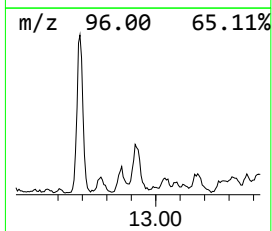
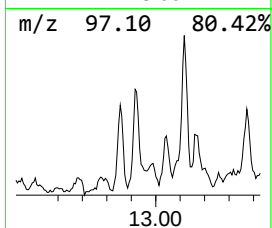
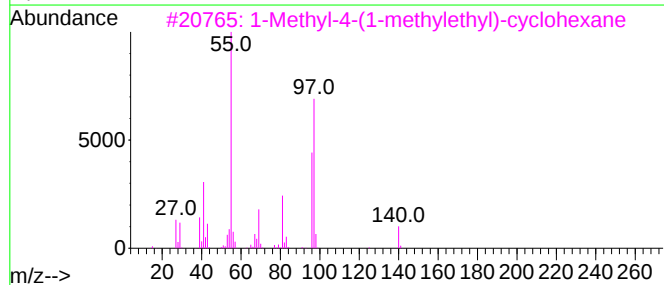
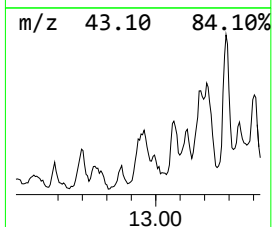
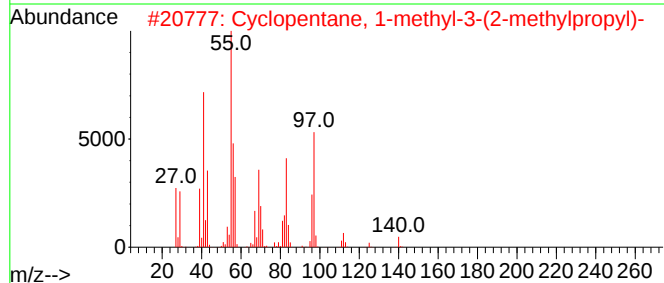
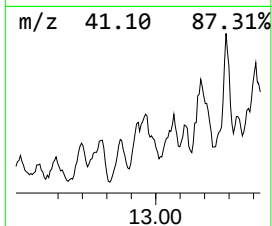
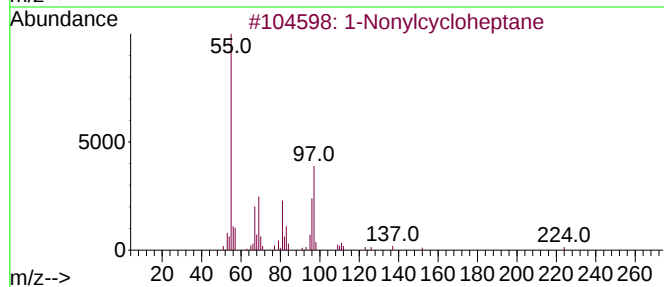
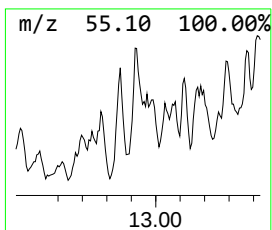
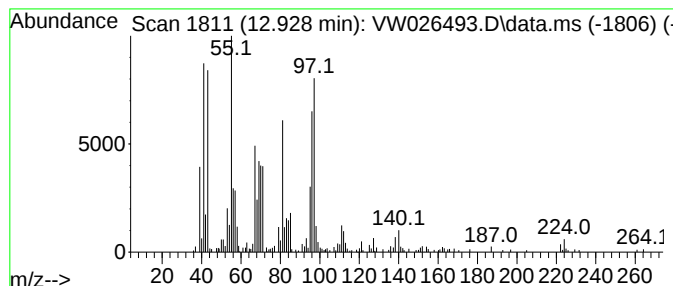
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic12.928 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	2.85 ug/L	114003	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonylcycloheptane			224	C16H32	1000371-47-7	60
2	Cyclopentane, 1-methyl-3-(2-meth...			140	C10H20	029053-04-1	49
3	1-Methyl-4-(1-methylethyl)-cyclo...			140	C10H20	000099-82-1	38
4	Cyclohexane, 1-methyl-4-(1-methy...			140	C10H20	001678-82-6	38
5	Cyclohexane, 1,2-dimethyl- (cis/...			112	C8H16	000583-57-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

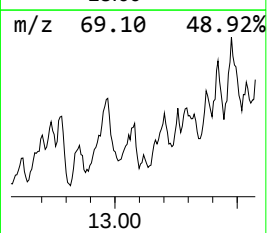
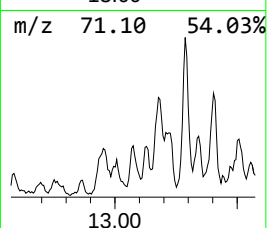
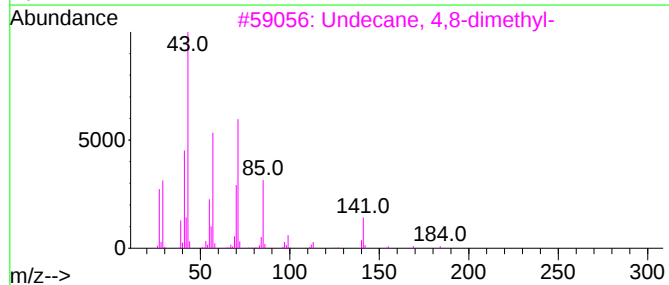
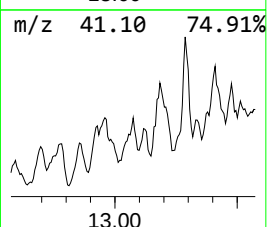
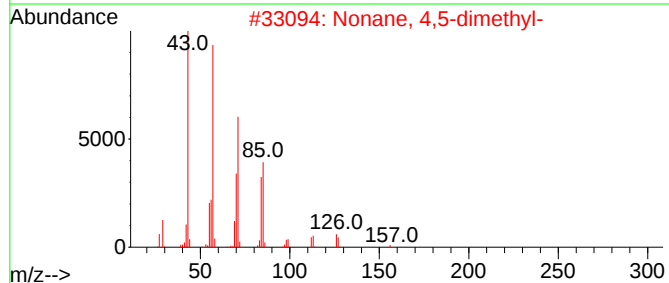
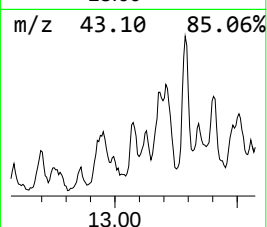
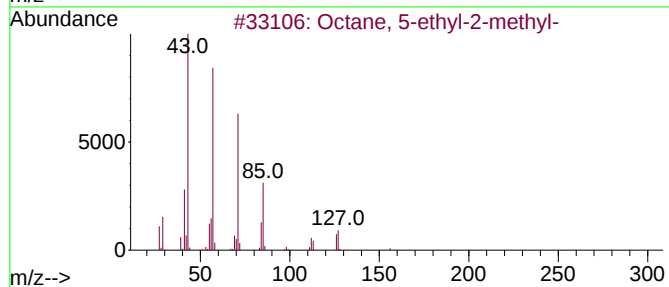
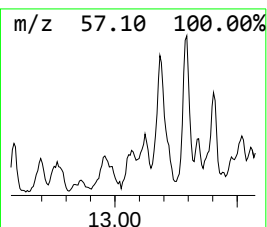
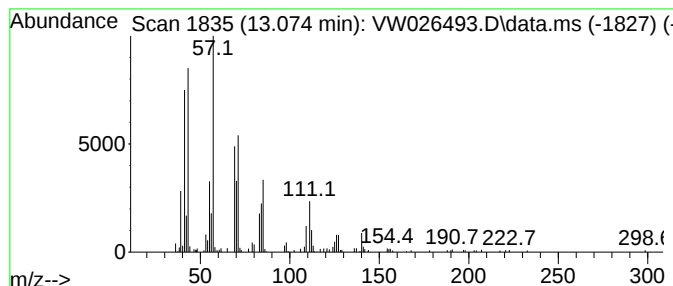
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	2.67 ug/L	106639	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 5-ethyl-2-methyl-			156	C11H24	062016-18-6	53
2	Nonane, 4,5-dimethyl-			156	C11H24	017302-23-7	50
3	Undecane, 4,8-dimethyl-			184	C13H28	017301-33-6	47
4	Tridecane			184	C13H28	000629-50-5	47
5	Octane, 3,5-dimethyl-			142	C10H22	015869-93-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

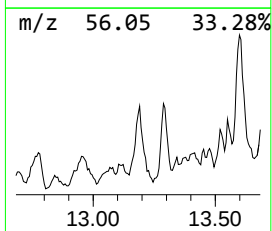
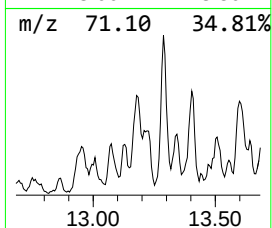
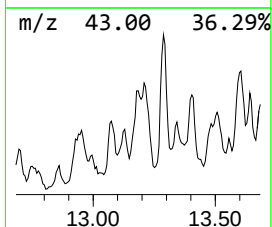
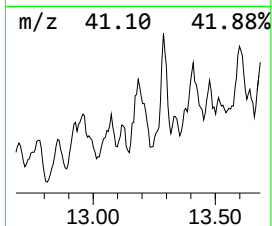
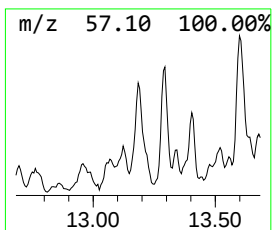
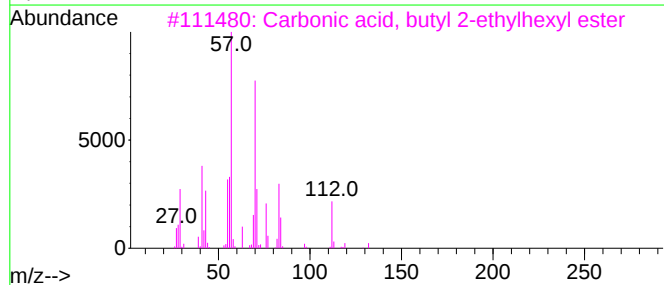
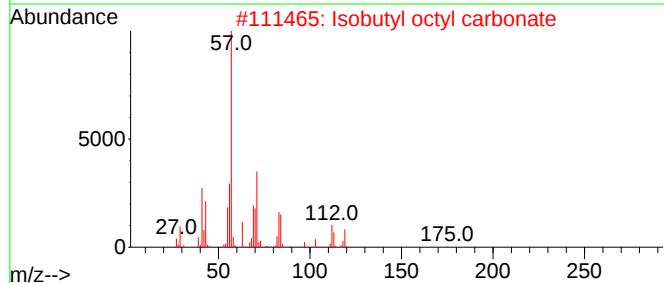
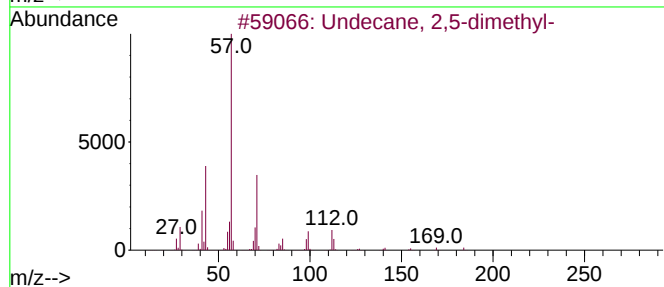
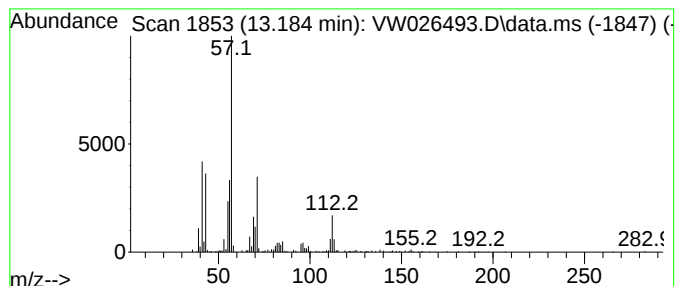
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.184	6.37 ug/L	254660	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59
2			Isobutyl octyl carbonate	230	C13H26O3	1010372-74-6	59
3			Carbonic acid, butyl 2-ethylhexy...	230	C13H26O3	1000357-84-4	53
4			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	47
5			Eicosyl octyl ether	410	C28H58O	1000406-38-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

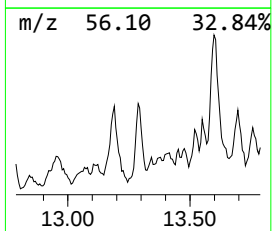
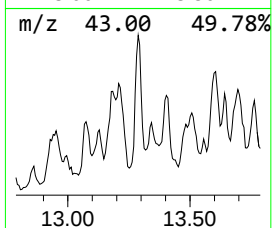
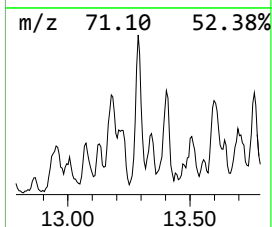
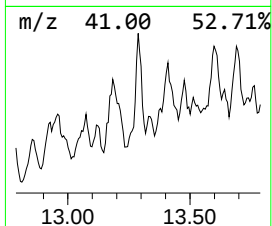
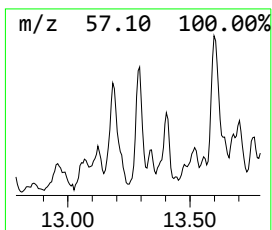
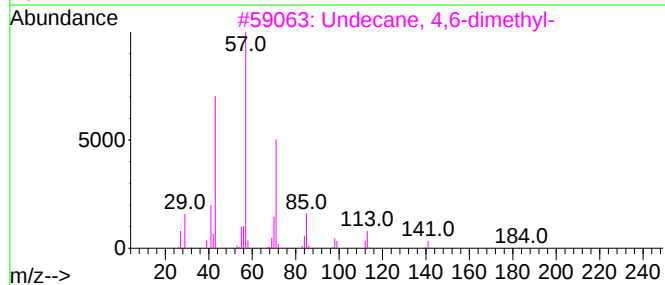
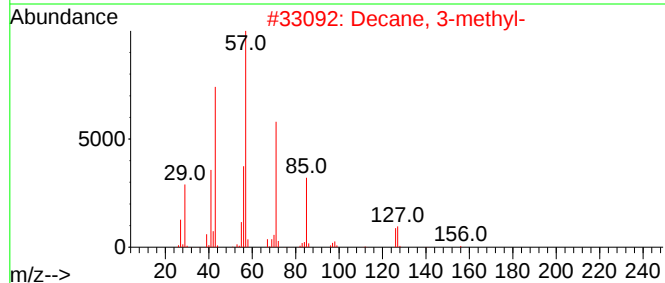
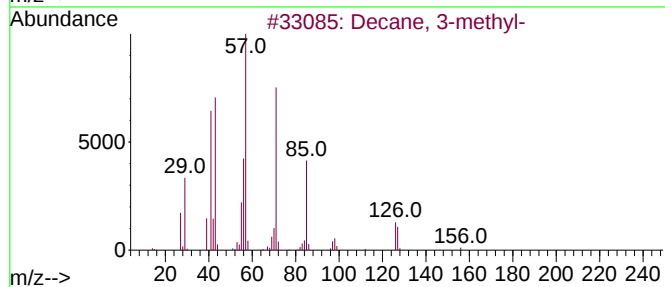
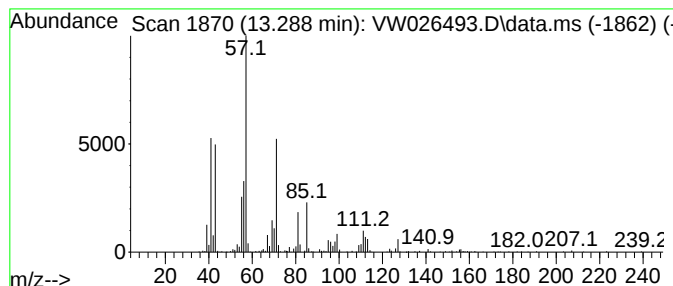
Instrument :
MSVOA_W
ClientSampleId :
A46T6

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

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.288	7.08 ug/L	283148	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	70
2	Decane, 3-methyl-		156	C11H24	013151-34-3	59
3	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	58
4	Tridecane, 6-methyl-		198	C14H30	013287-21-3	53
5	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

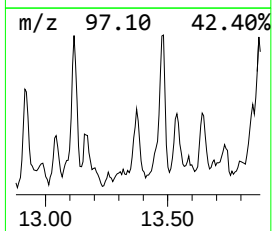
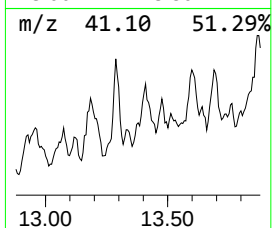
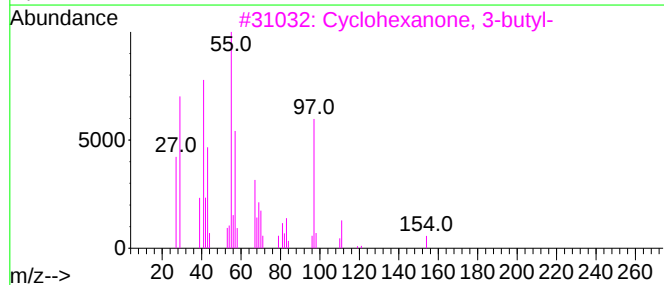
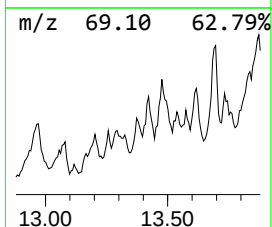
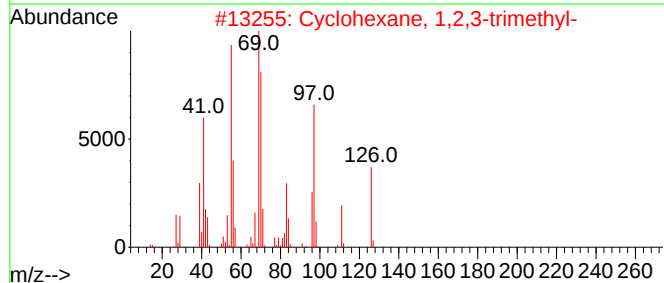
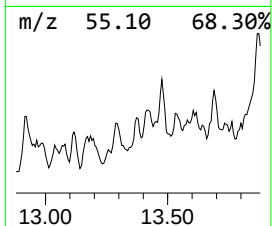
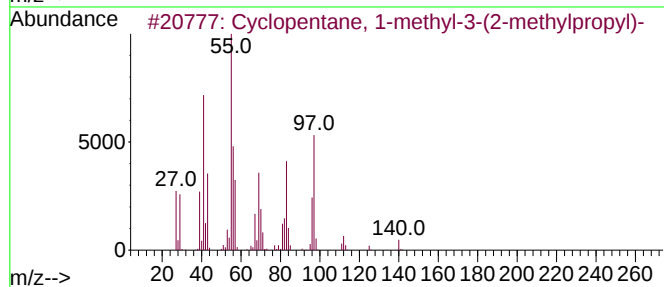
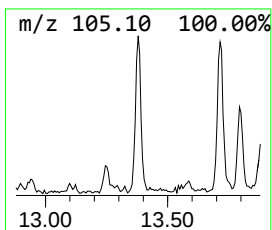
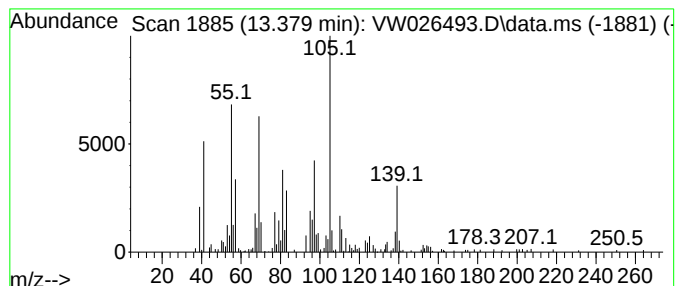
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic13.379 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	1.47 ug/L	58726	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	38
2			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	27
3			Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	25
4			Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	22
5			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

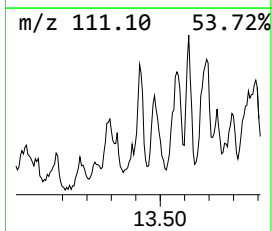
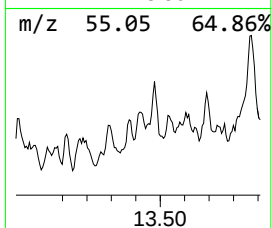
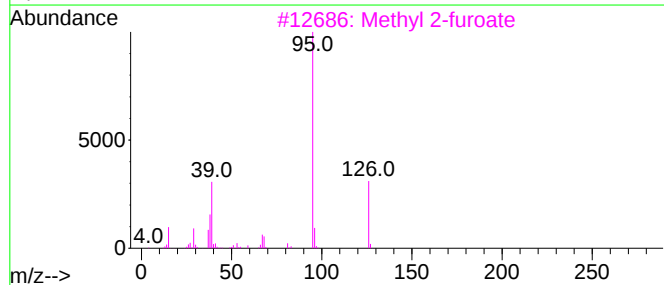
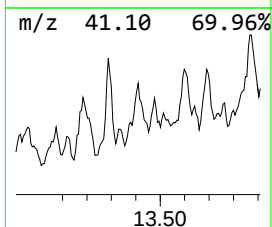
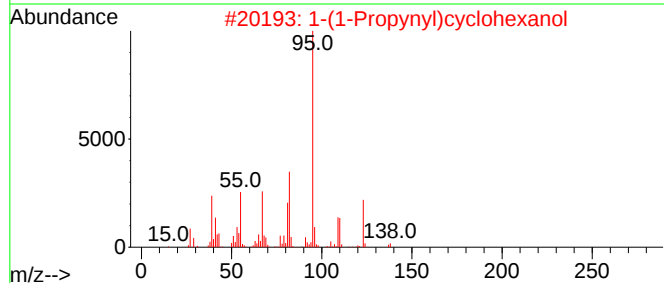
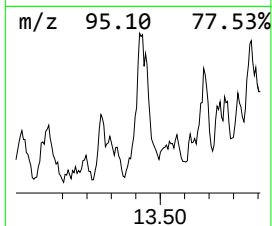
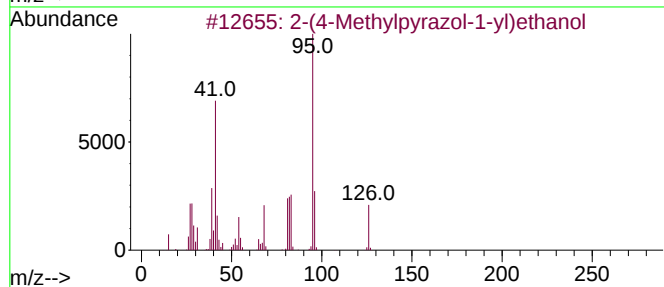
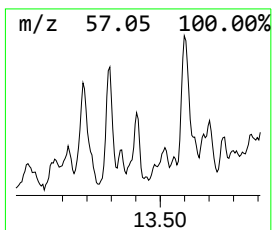
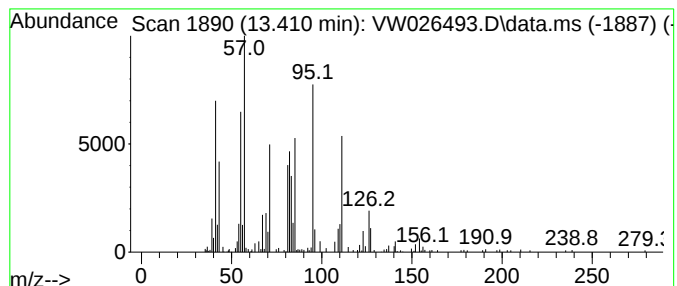
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	3.80 ug/L	151719	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Methylpyrazol-1-yl)ethanol	126	C6H10N2O	1000444-93-1	27	
2	1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	27	
3	Methyl 2-furoate	126	C6H6O3	000611-13-2	25	
4	Methyl 2-furoate	126	C6H6O3	000611-13-2	25	
5	Methyl 2-furoate	126	C6H6O3	000611-13-2	22	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

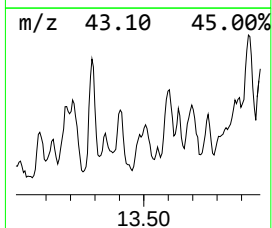
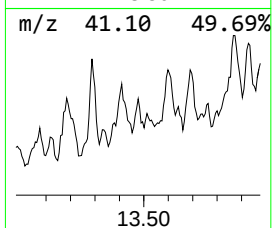
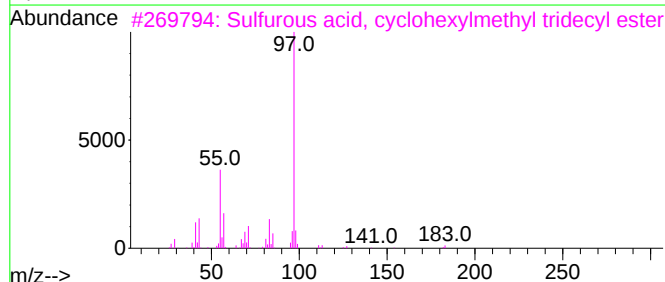
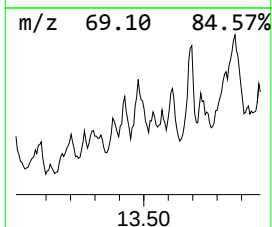
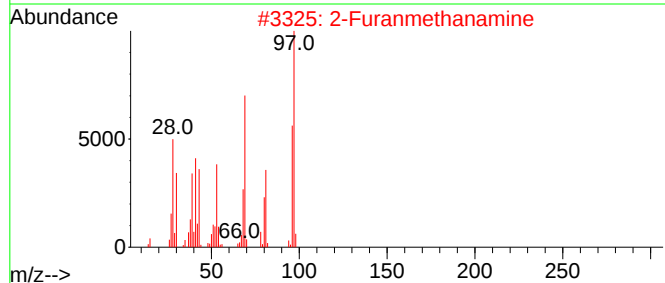
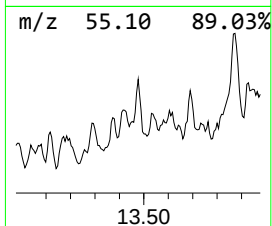
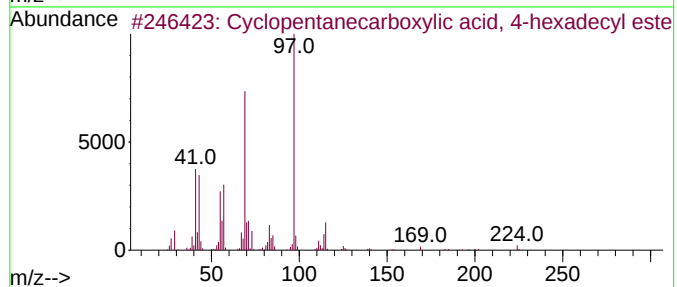
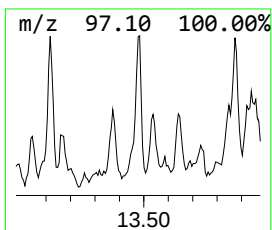
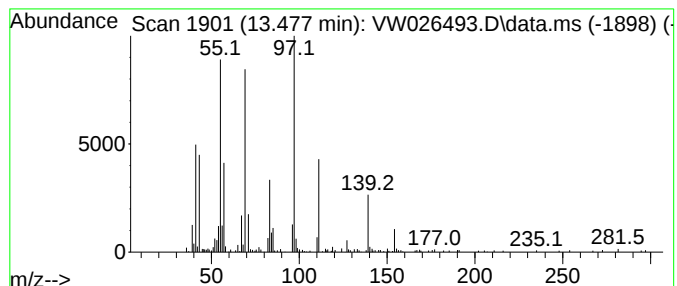
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 Cyclopentanecarboxylic acid... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	1.49 ug/L	59600	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	50
2			2-Furanmethanamine	97	C5H7NO	000617-89-0	38
3			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	38
4			Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	35
5			Cyclooctane, ethyl-	140	C10H20	013152-02-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

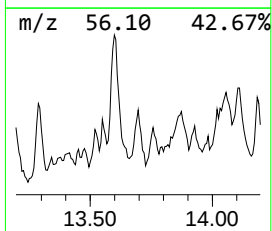
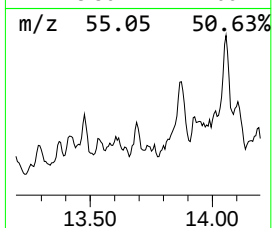
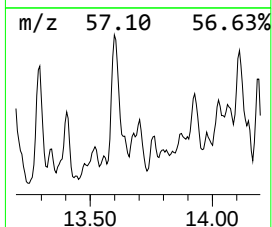
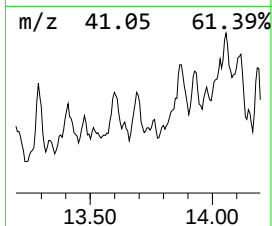
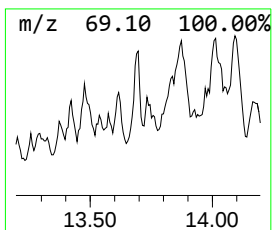
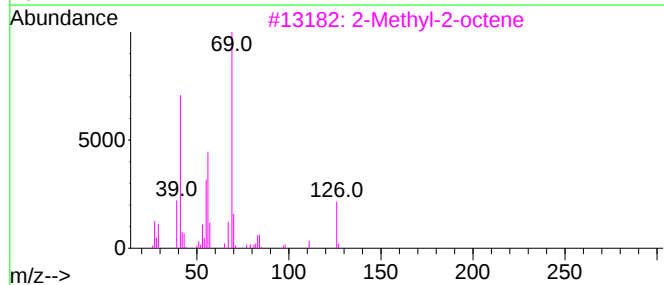
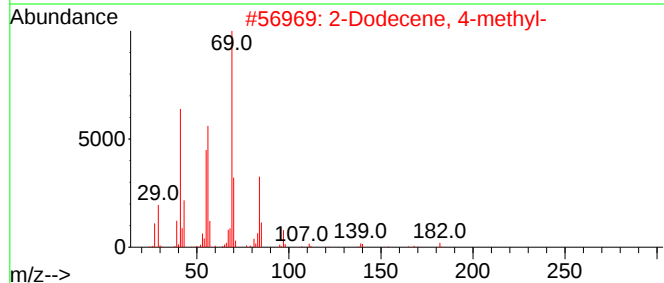
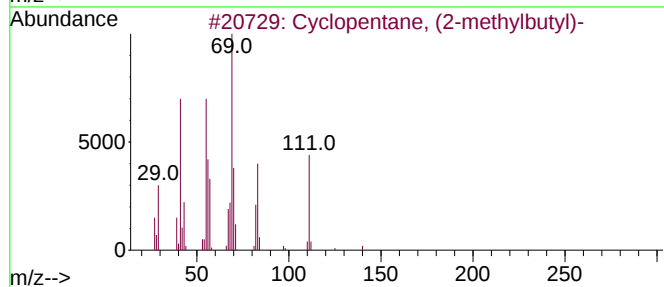
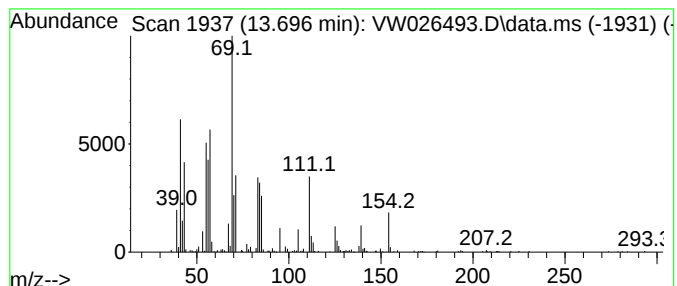
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic13.696 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	5.17 ug/L	206672	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	64
2			2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	50
3			2-Methyl-2-octene	126	C9H18	016993-86-5	46
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

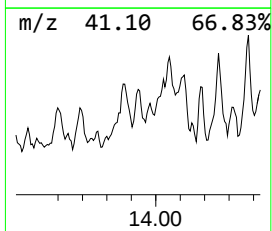
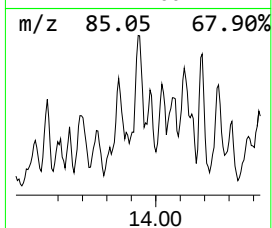
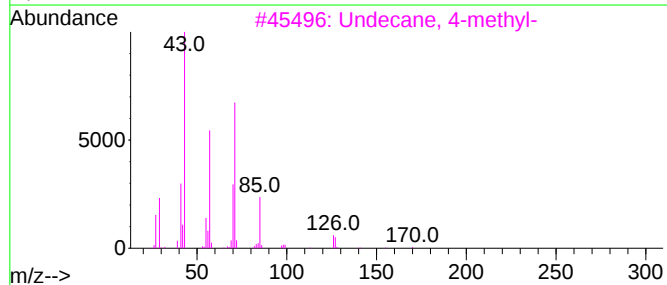
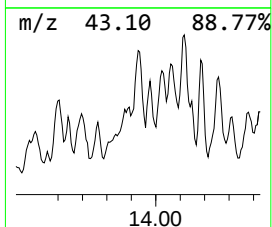
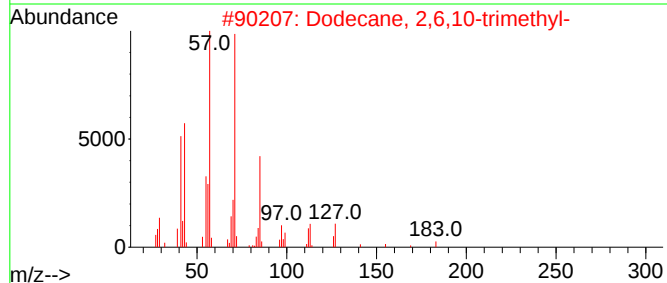
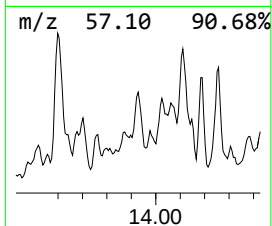
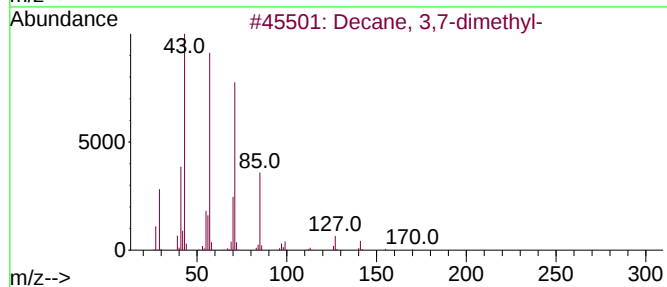
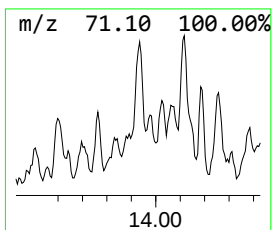
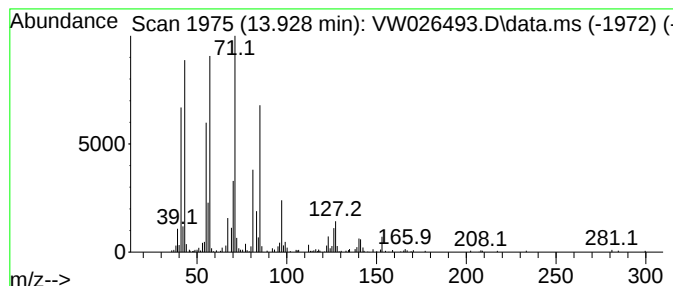
Instrument :
MSVOA_W
ClientSampleId :
A46T6

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

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.928	2.82 ug/L	112650	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
3	Undecane, 4-methyl-	170	C12H26	002980-69-0	58
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
5	2-Butene, 1-butoxy-3-methyl-	142	C9H18O	022094-02-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

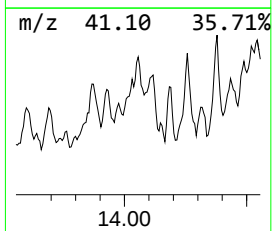
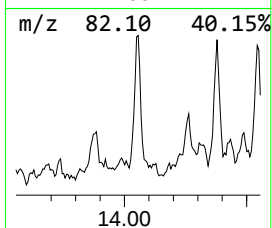
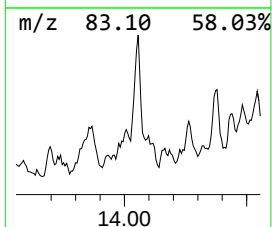
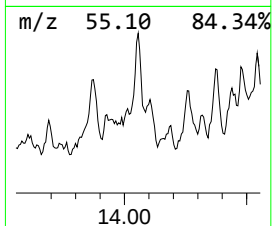
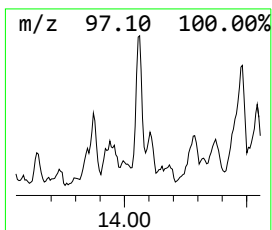
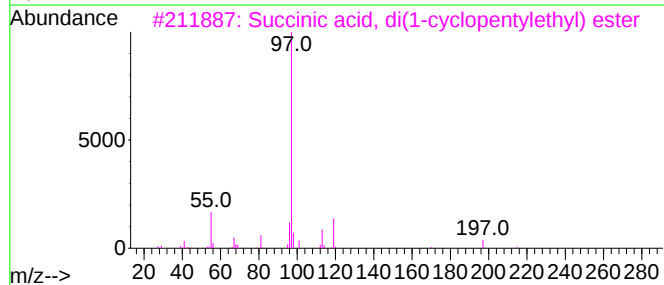
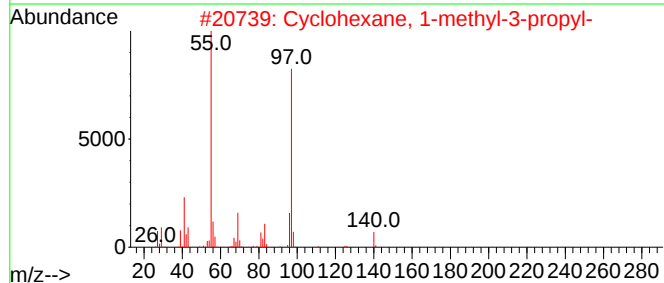
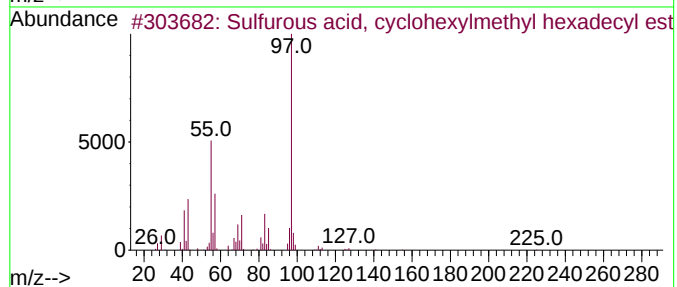
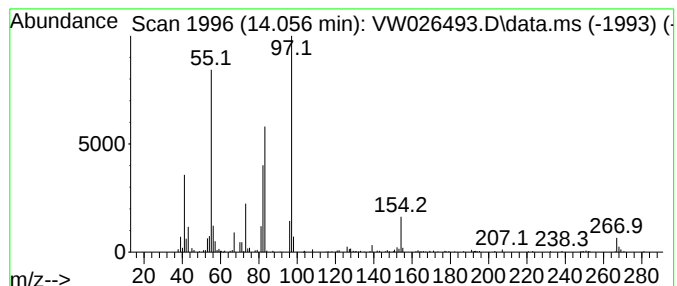
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.056	3.04 ug/L	121343	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	43
2			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	43
3			Succinic acid, di(1-cyclopentyle...	310	C18H30O4	1000330-21-8	38
4			Succinic acid, cyclohexylmethyl ...	315	C18H21NO4	1000389-81-4	38
5			Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

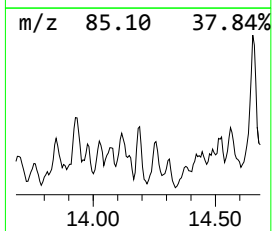
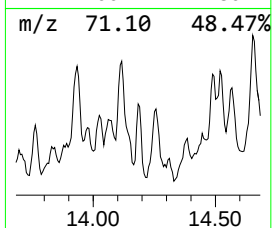
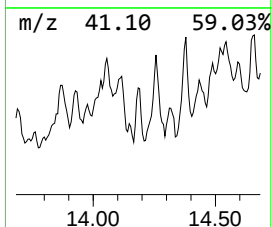
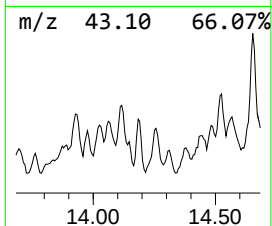
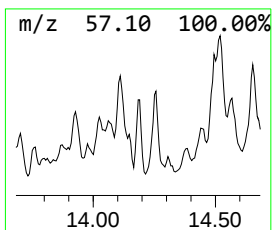
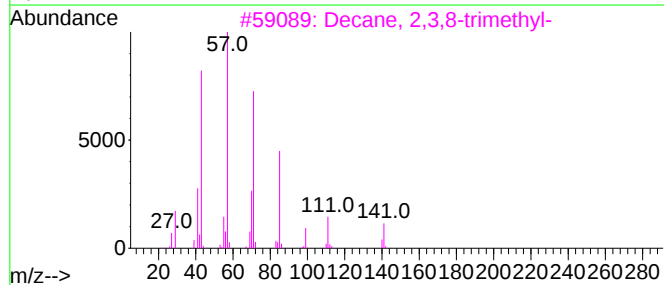
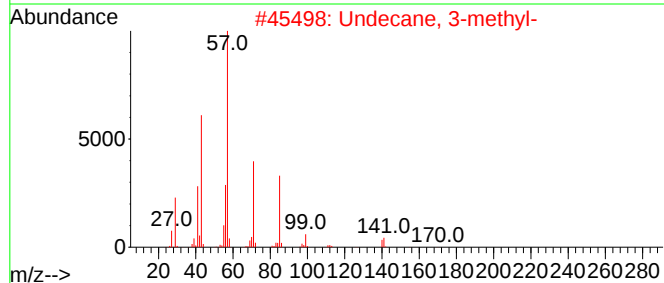
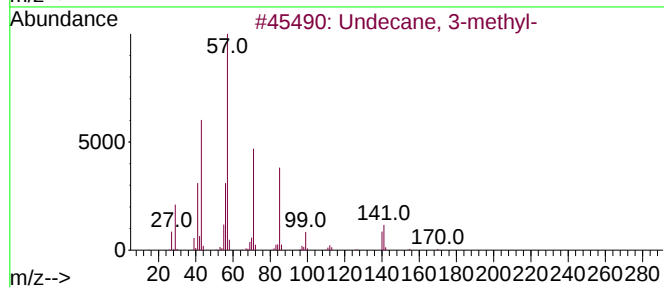
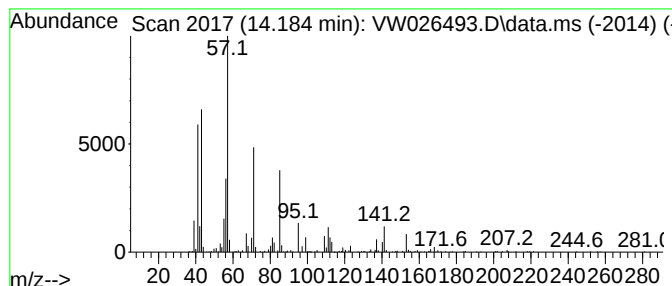
Instrument :
MSVOA_W
ClientSampleId :
A46T6

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

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.184	3.26 ug/L	130339	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	68
2	Undecane, 3-methyl-		170	C12H26	001002-43-3	64
3	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	59
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	58
5	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

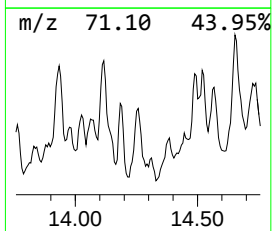
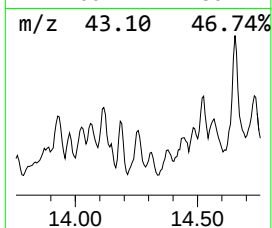
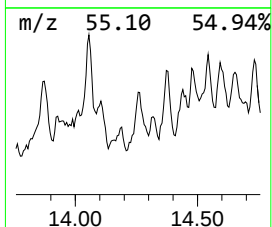
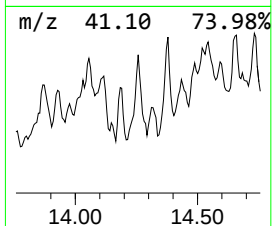
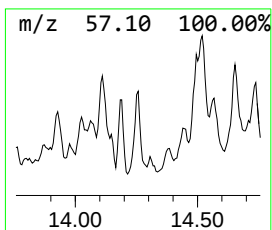
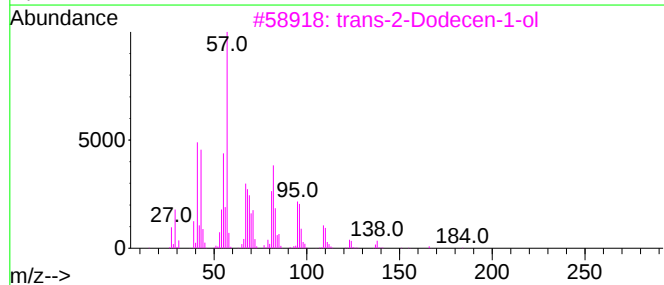
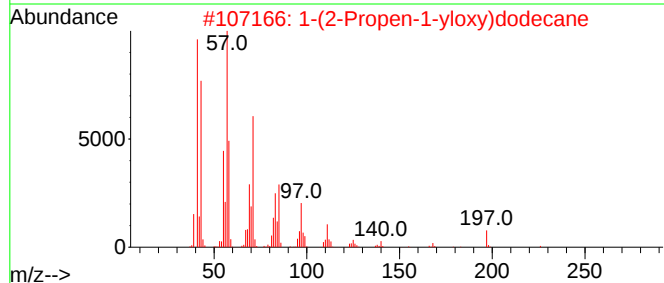
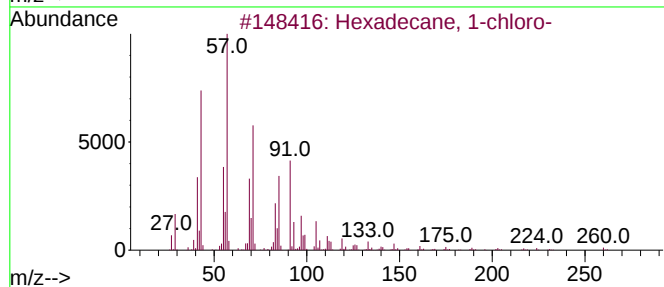
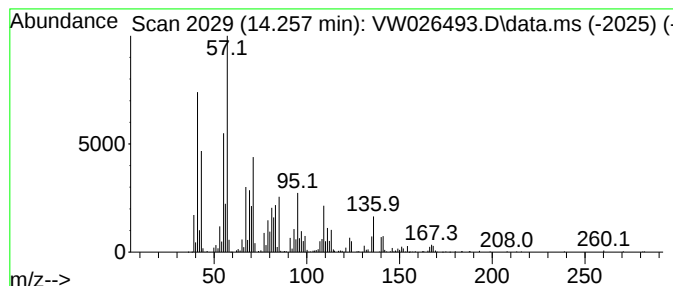
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	7.05 ug/L	281870	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	45
2		1-(2-Propen-1-yloxy)dodecane	226	C15H30O	006145-80-8	43
3		trans-2-Dodecen-1-ol	184	C12H24O	069064-37-5	38
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	35
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

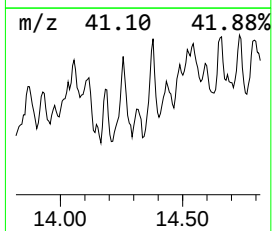
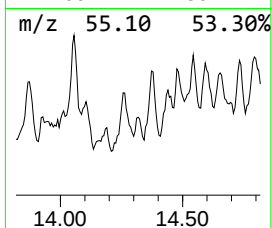
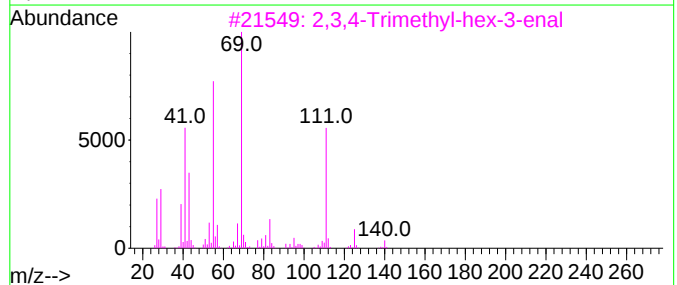
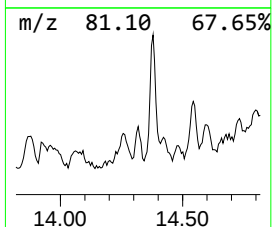
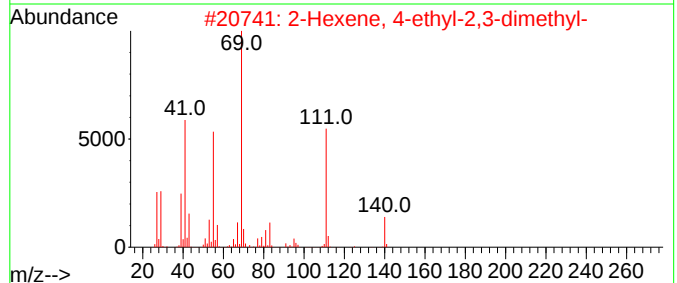
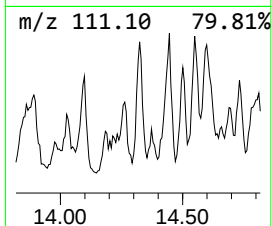
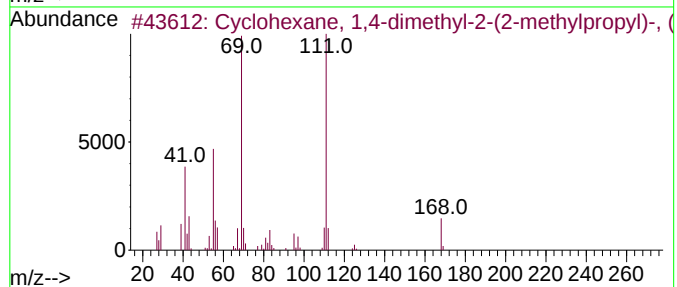
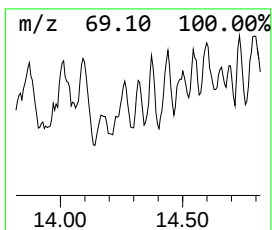
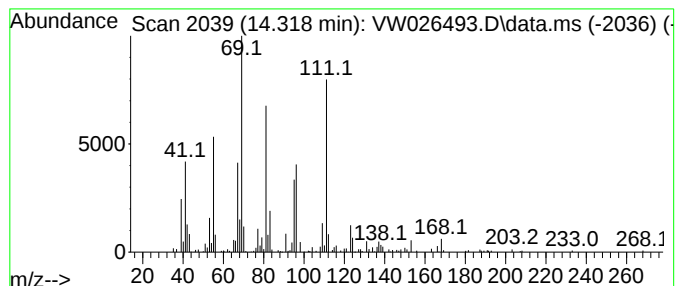
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic14.318 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	2.06 ug/L	82168	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	50
2			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	50
3			2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	50
4			Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	43
5			Bicyclo[2.2.1]heptan-2-one, 7,7-...	138	C9H14O	000514-15-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

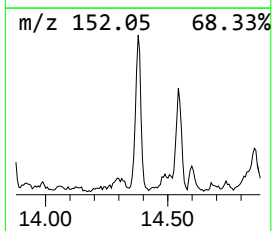
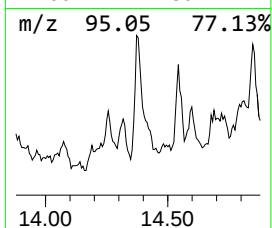
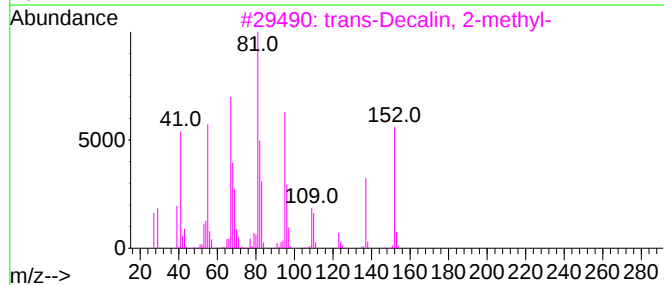
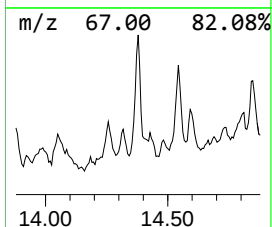
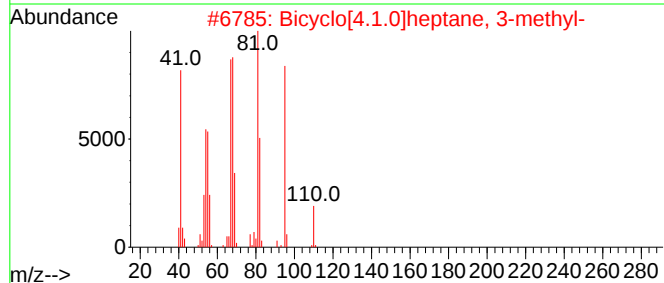
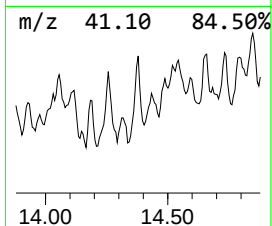
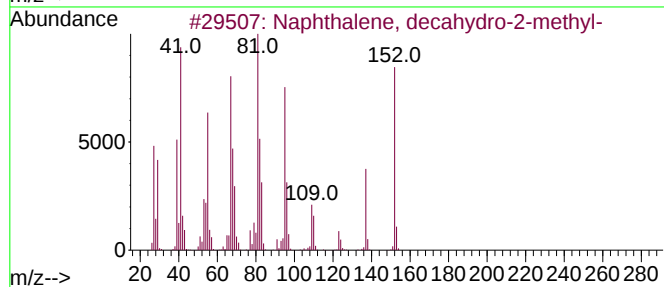
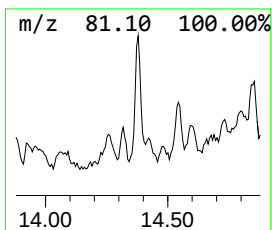
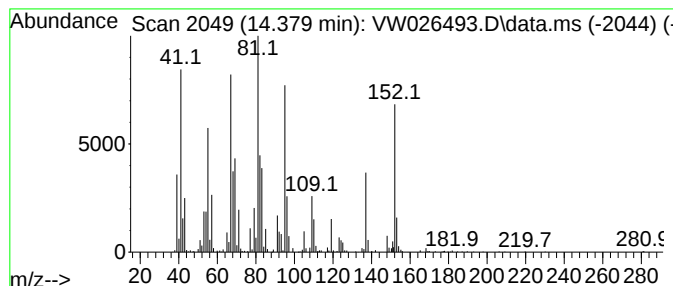
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	9.89 ug/L	395225	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	83
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4			7-Heptadecyne, 1-chloro-	270	C17H31Cl	056554-74-6	64
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

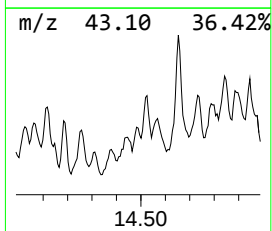
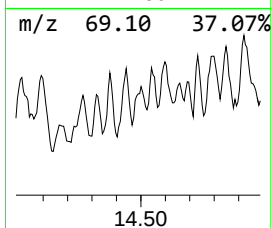
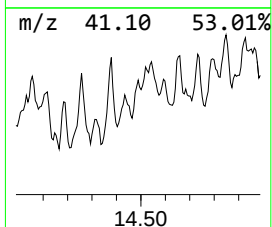
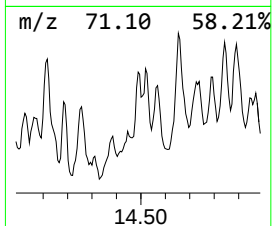
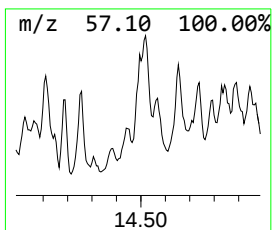
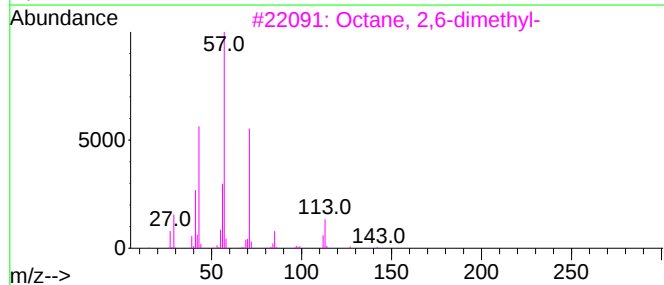
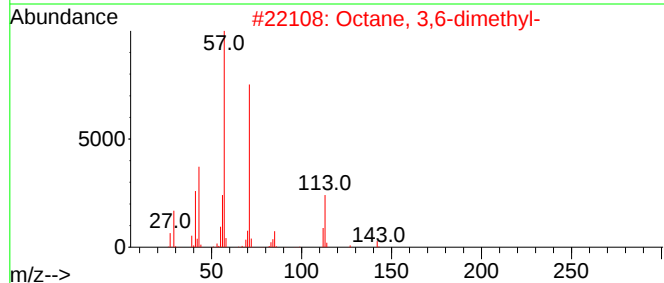
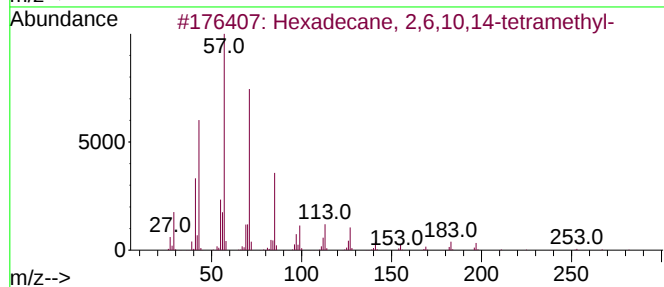
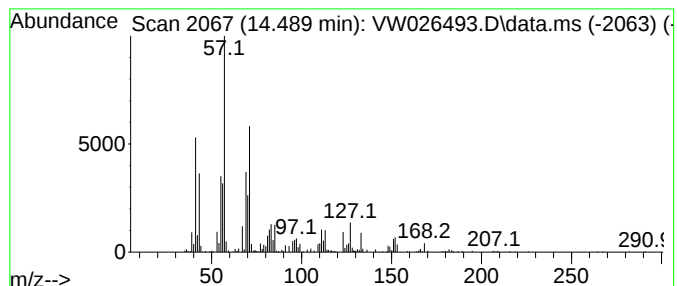
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	4.61 ug/L	184150	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
4		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	47
5		Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

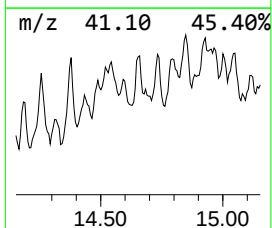
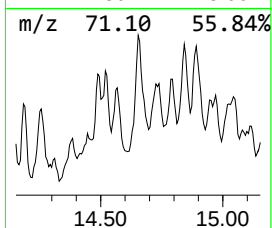
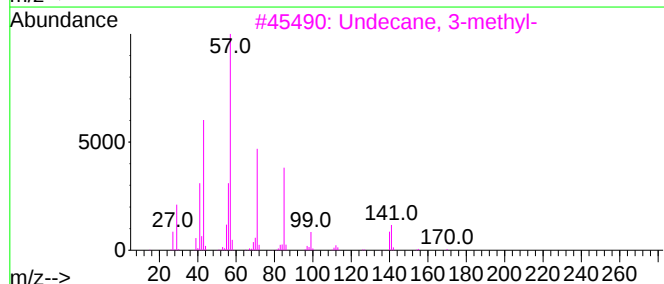
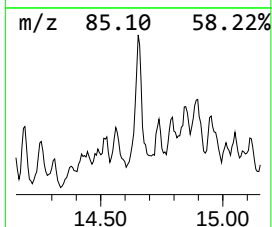
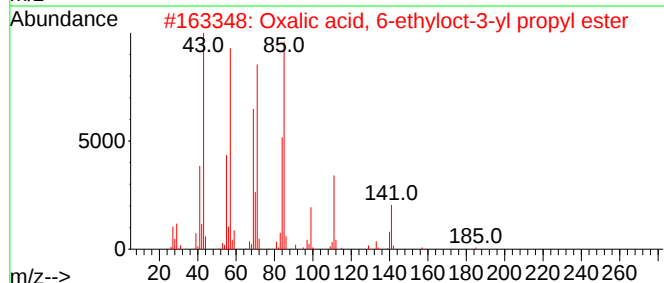
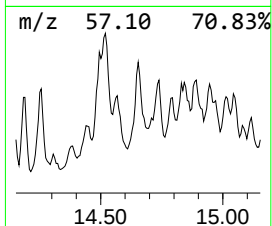
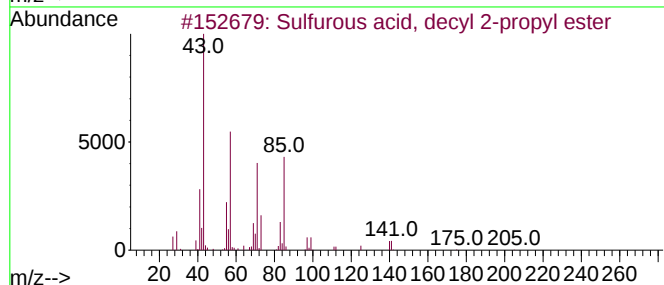
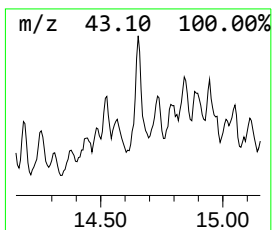
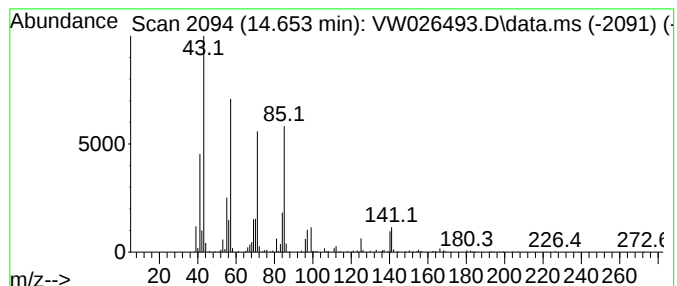
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 Sulfurous acid, decyl 2-pro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	4.14 ug/L	165373	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	86
2			Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	72
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	64
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

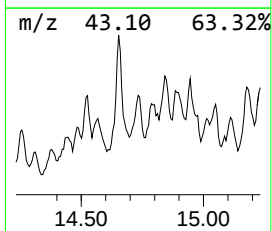
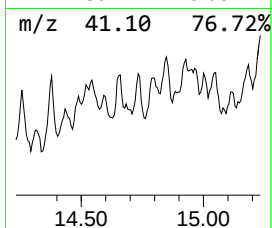
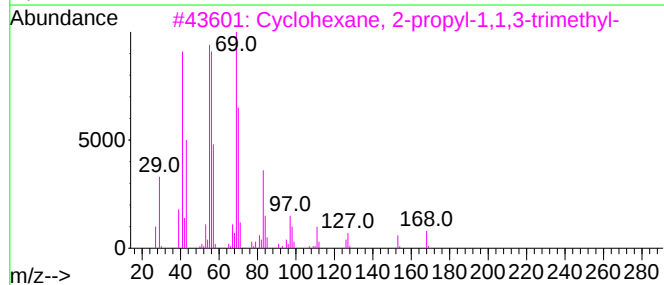
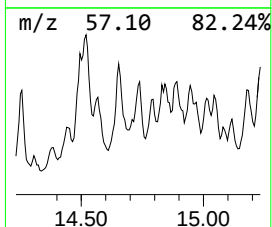
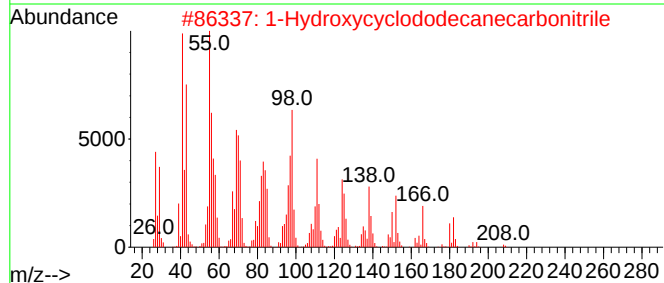
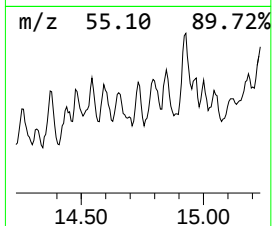
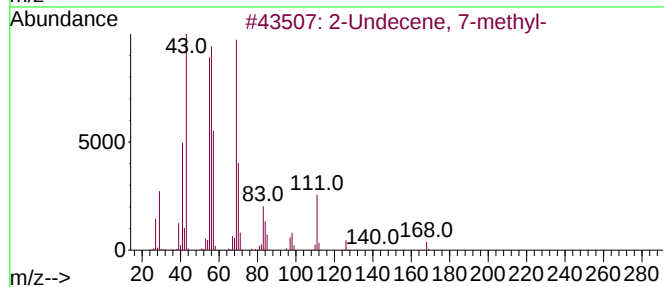
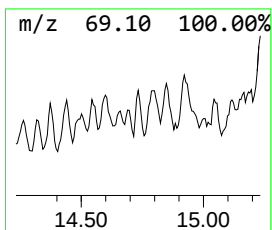
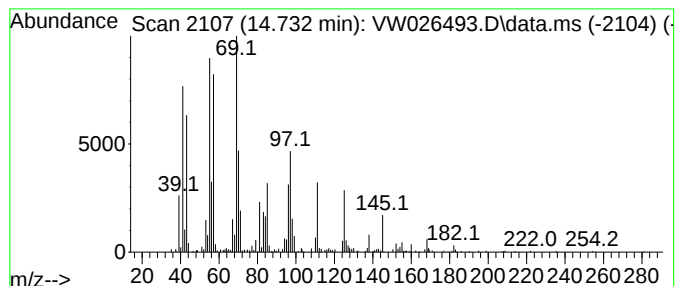
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	4.81 ug/L	192207	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	60	
2	1-Hydroxycyclododecanecarbonitrile	209	C13H23NO	000882-83-7	49	
3	Cyclohexane, 2-propyl-1,1,3-trimethyl-	168	C12H24	081983-70-2	49	
4	3-Methyl-2-hexene	98	C7H14	017618-77-8	46	
5	2-Undecanethiol, 2-methyl-	202	C12H26S	010059-13-9	43	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

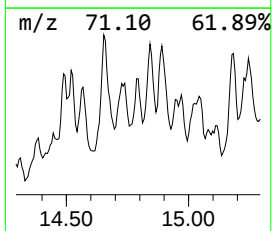
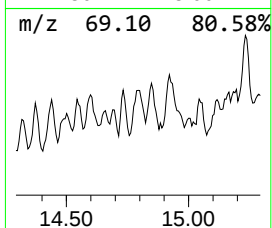
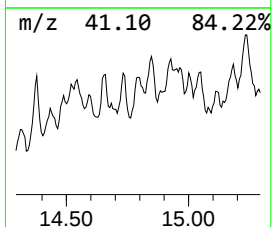
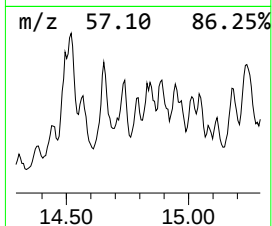
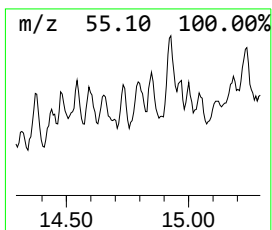
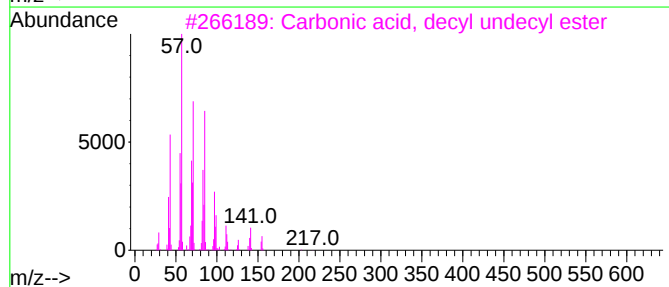
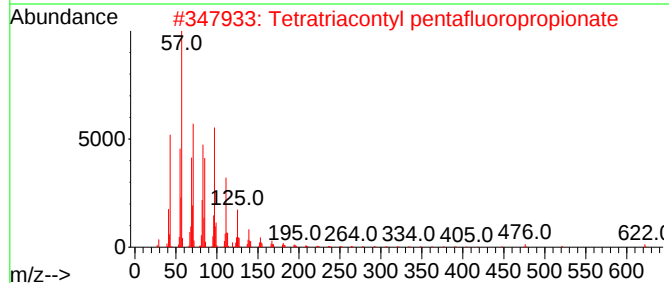
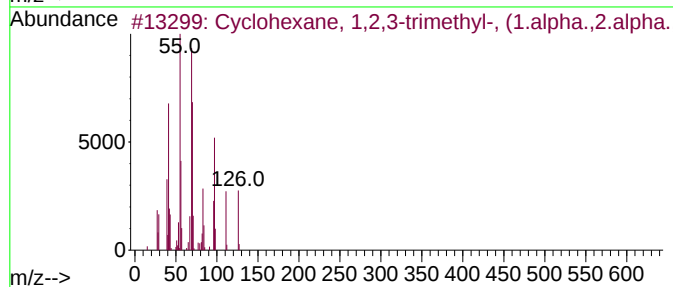
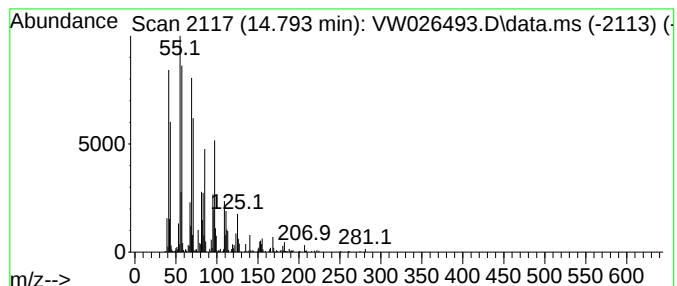
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic14.793 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	6.38 ug/L	255152	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	38
2			Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	38
3			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	38
4			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
5			Cyclopentane, pentyl-	140	C10H20	003741-00-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

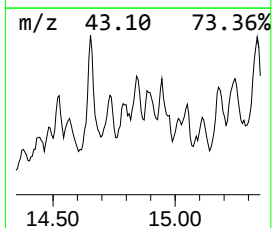
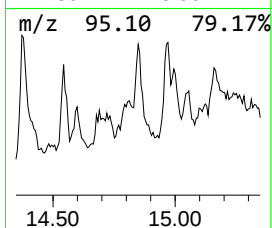
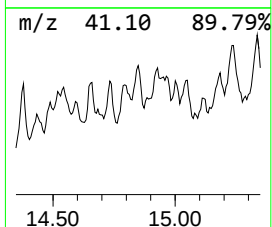
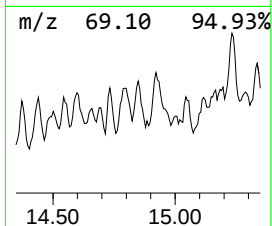
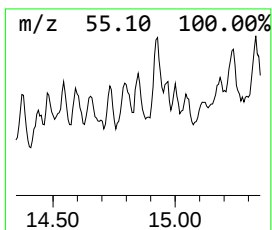
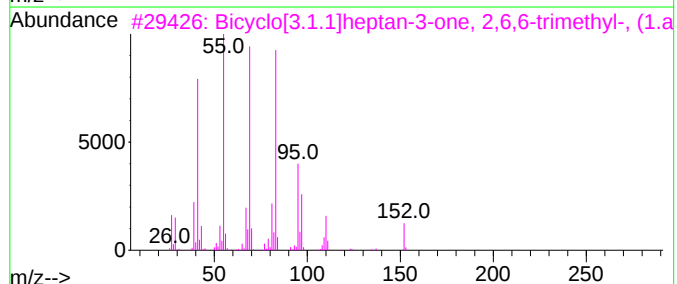
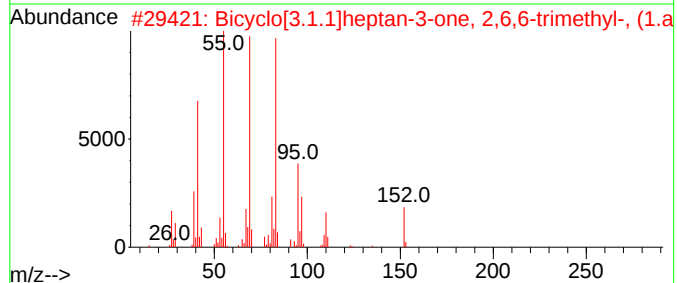
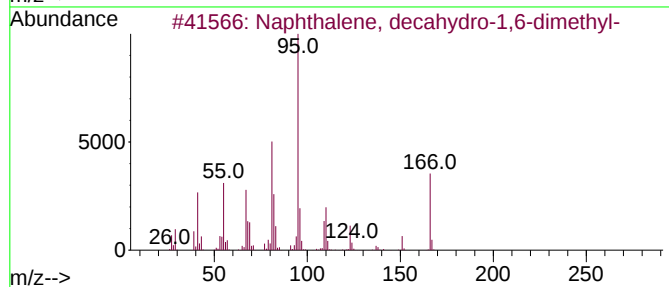
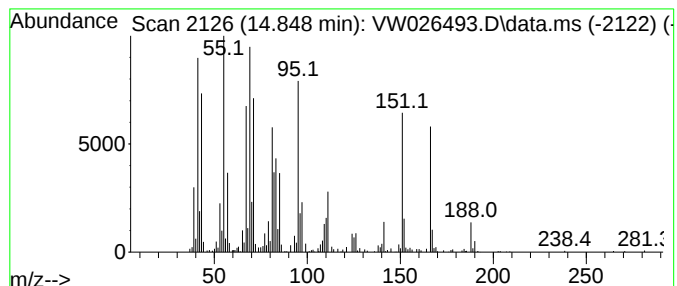
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	6.45 ug/L	257927	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	25
2			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	18
3			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	18
4			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	18
5			7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

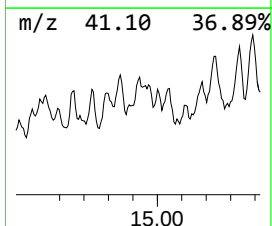
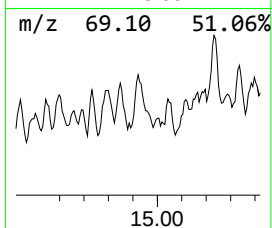
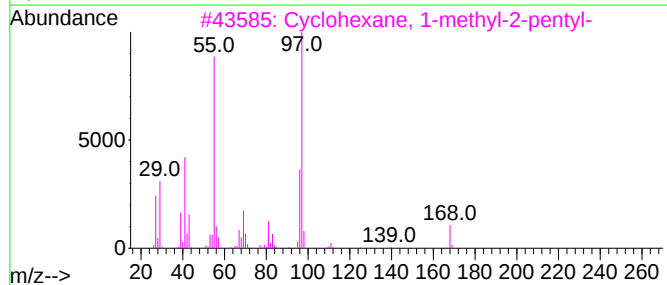
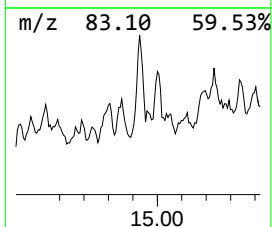
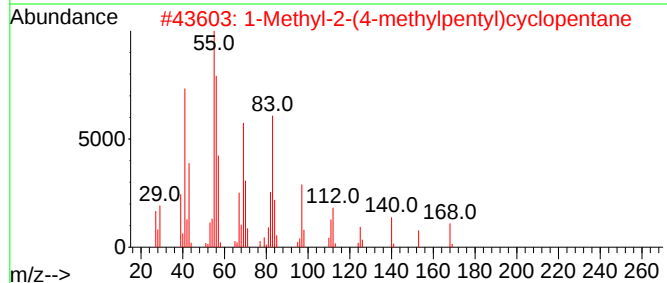
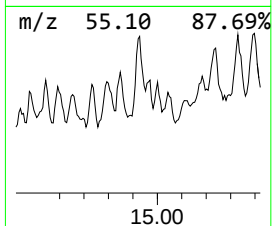
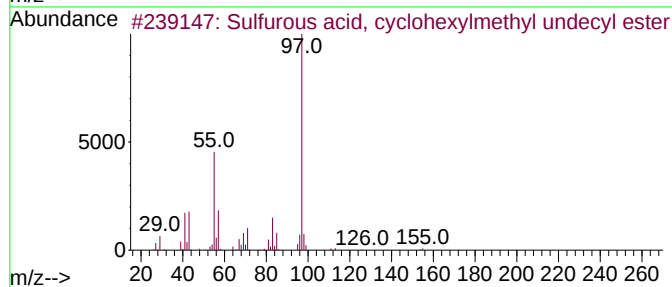
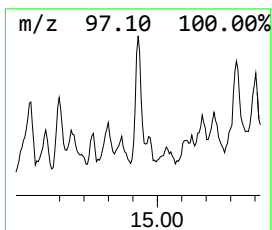
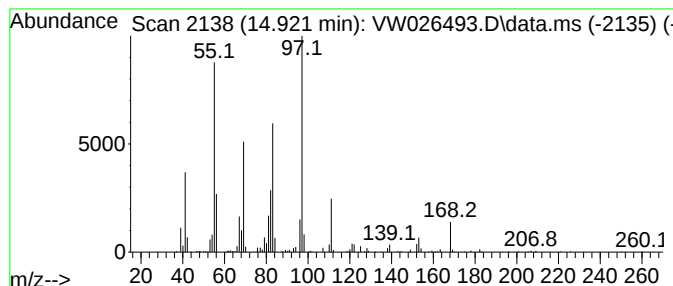
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 unknown-05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	4.65 ug/L	185887	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	49
2			1-Methyl-2-(4-methylpentyl)cyclo...	168	C12H24	1000113-60-1	43
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	43
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43
5			Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

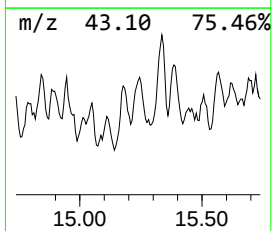
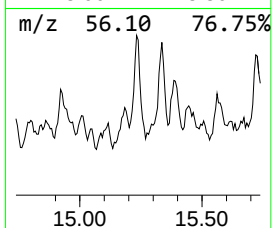
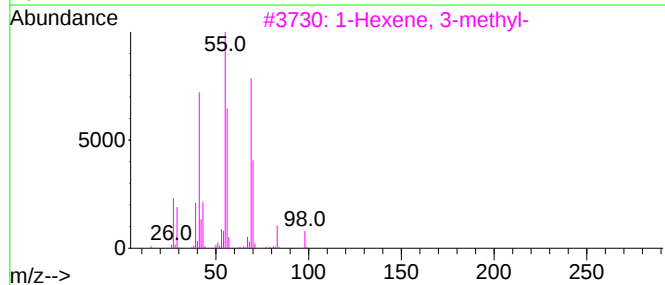
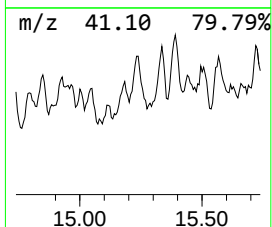
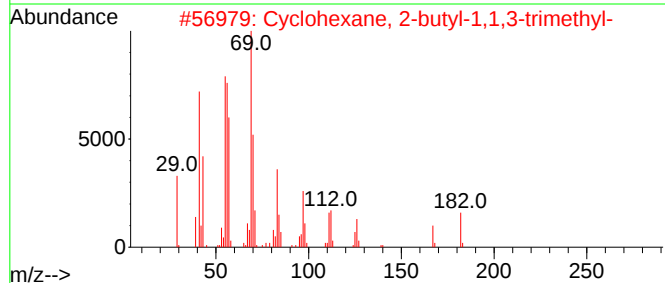
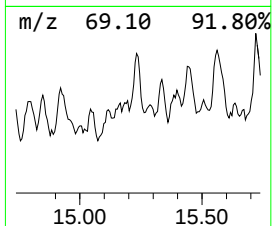
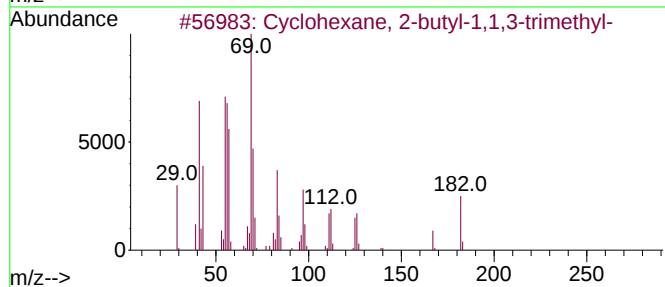
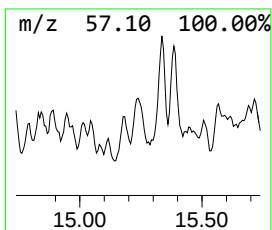
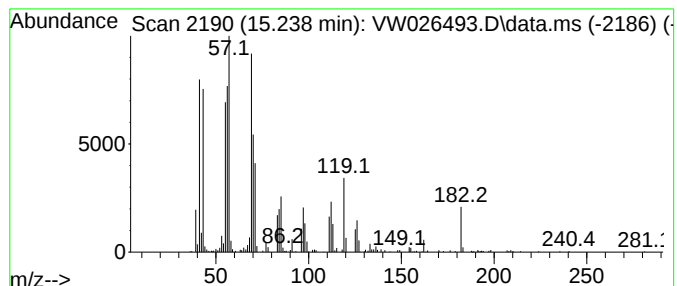
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Cyclic15.239 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	8.87 ug/L	354517	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	70
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	70
3		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	46
4		5-Ethyl-1-nonene	154	C11H22	019780-74-6	43
5		Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

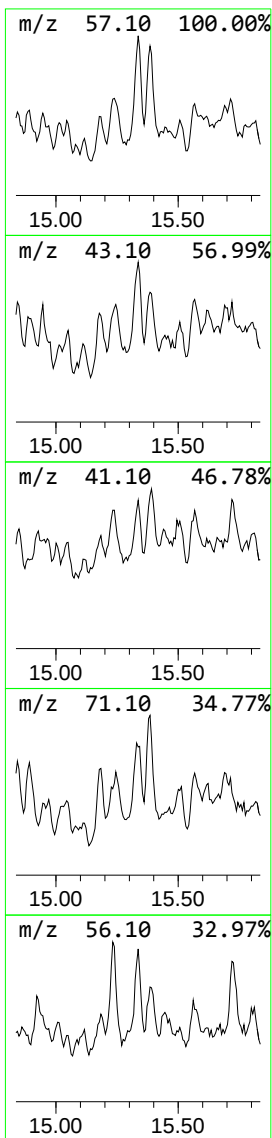
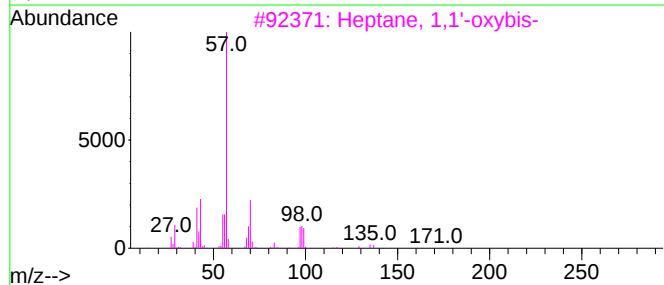
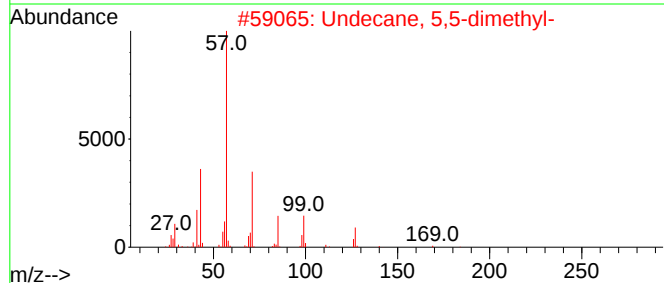
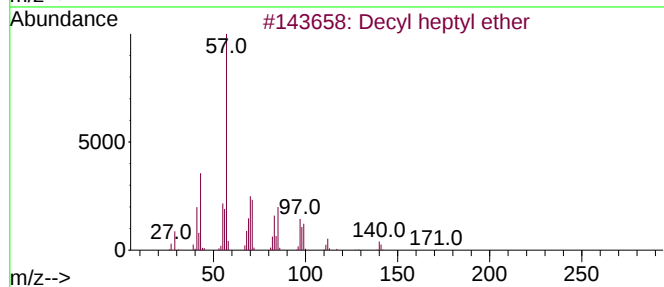
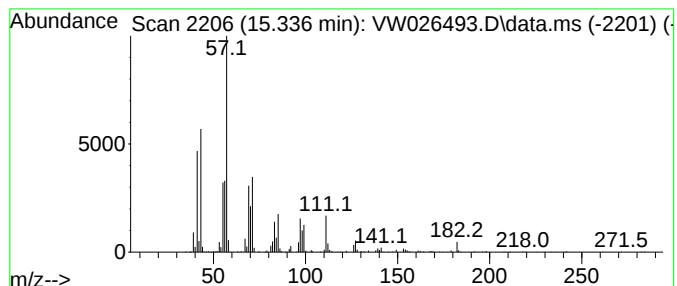
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 Decyl heptyl ether Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.336	8.13 ug/L	324996	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decyl heptyl ether	256	C17H36O	1000406-39-1	64
2			Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	47
3			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	47
4			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47
5			Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

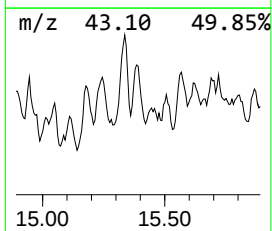
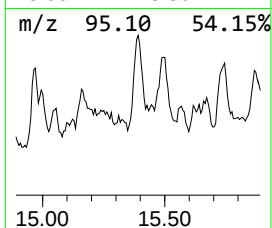
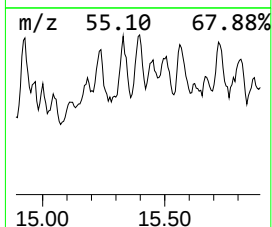
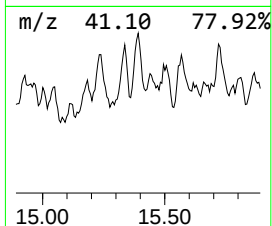
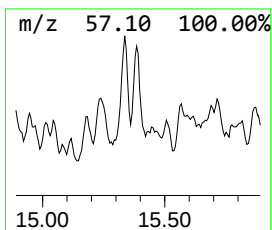
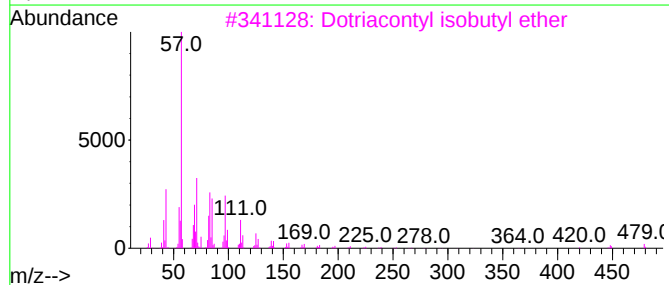
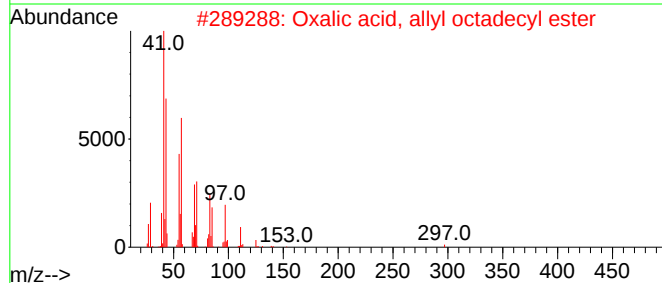
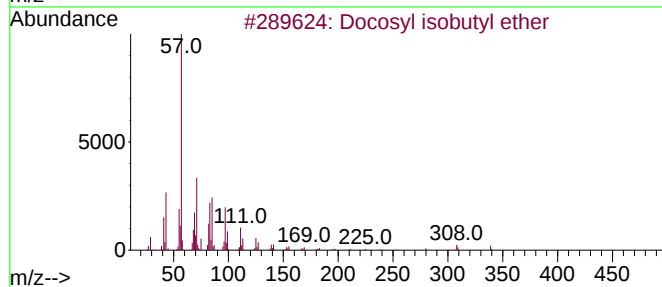
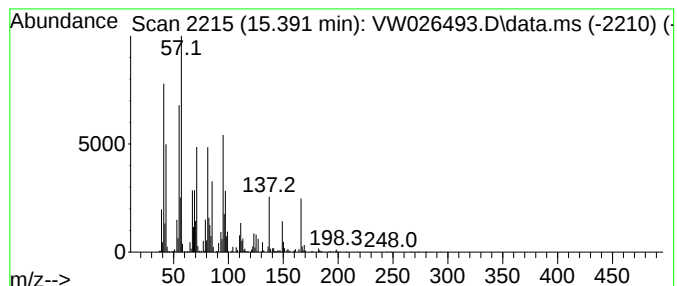
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 29 unknown-06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	13.64 ug/L	545096	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosyl isobutyl ether	382	C26H54O	1000406-33-1	43
2			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	43
3			Dotriacontyl isobutyl ether	523	C36H74O	1010406-33-6	43
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	38
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

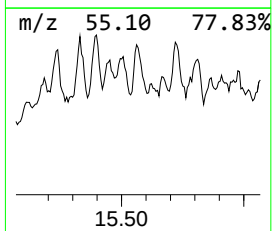
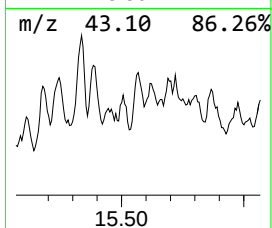
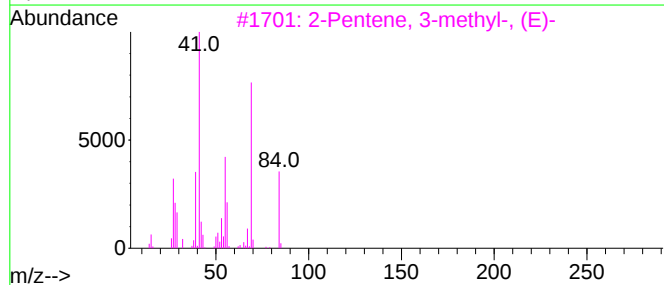
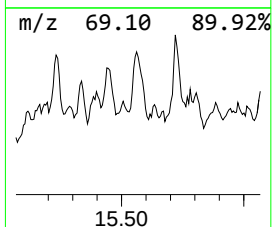
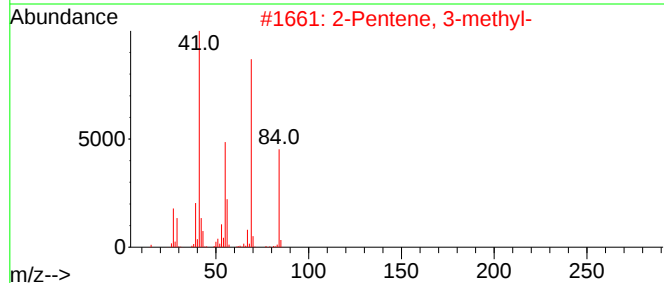
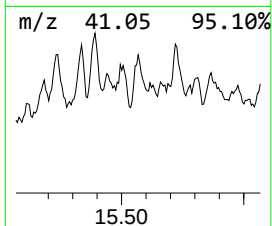
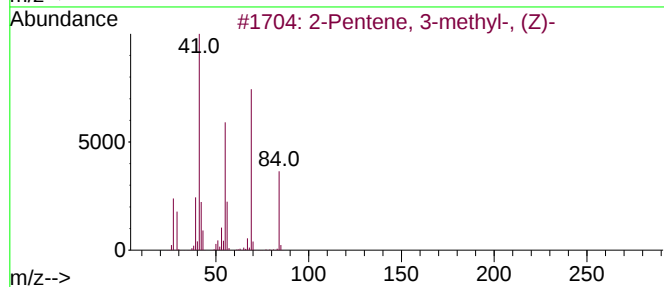
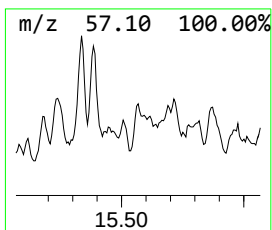
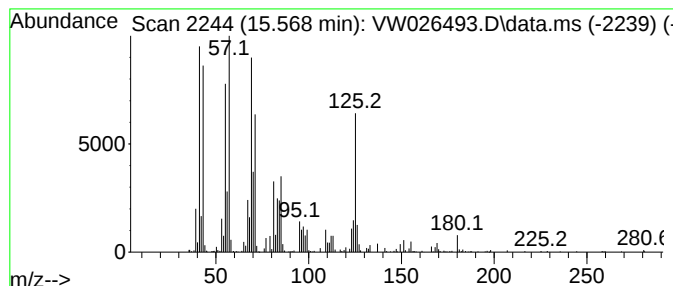
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	10.30 ug/L	411838	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	42
2		2-Pentene, 3-methyl-	84	C6H12	000922-61-2	30
3		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	30
4		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	30
5		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026493.D
Acq On : 01 Jul 2023 00:24
Operator : SY/MD
Sample : 03444-12
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T6

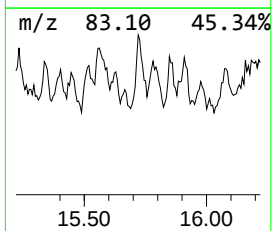
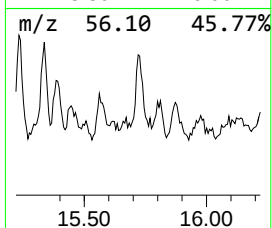
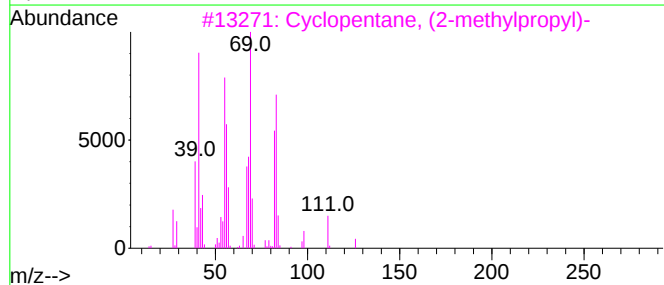
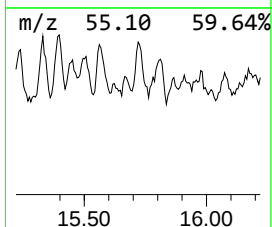
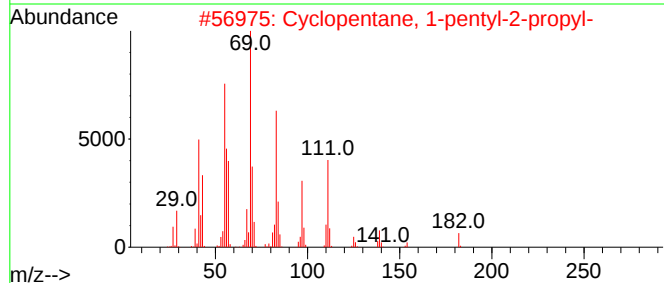
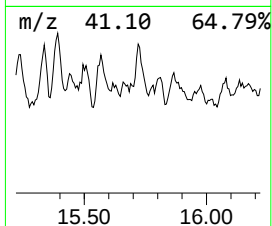
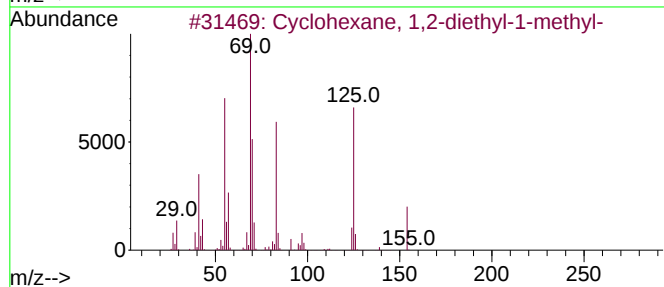
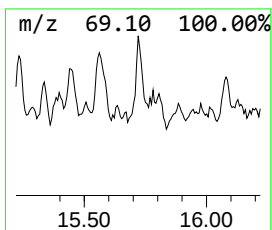
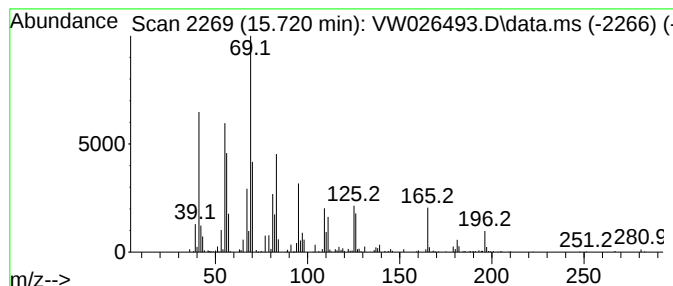
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Cyclic15.720 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	9.64 ug/L	385198	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	50
2			Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	47
3			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
4			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1010499-04-6	43
5			7-Tetradecene	196	C14H28	010374-74-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026493.D
 Acq On : 01 Jul 2023 00:24
 Operator : SY/MD
 Sample : 03444-12
 Misc : 4.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46T6

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

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	12.355	2.9	ug/L	257550	2	11.629	2226430	25.0
(DEL) Alkane: C...	12.446	1.4	ug/L	120338	2	11.629	2226430	25.0
(DEL) Alkane: C...	12.775	2.7	ug/L	108172	3	13.556	999138	25.0
(DEL) Alkane: C...	12.855	4.0	ug/L	159834	3	13.556	999138	25.0
(DEL) Alkane: C...	12.928	2.9	ug/L	114003	3	13.556	999138	25.0
(DEL) Alkane: S...	13.074	2.7	ug/L	106639	3	13.556	999138	25.0
(DEL) Alkane: S...	13.184	6.4	ug/L	254660	3	13.556	999138	25.0
(DEL) Alkane: S...	13.288	7.1	ug/L	283148	3	13.556	999138	25.0
(DEL) Alkane: C...	13.379	1.5	ug/L	58726	3	13.556	999138	25.0
unknown-01	13.410	3.8	ug/L	151719	3	13.556	999138	25.0
Cyclopentanecar...	13.477	1.5	ug/L	59600	3	13.556	999138	25.0
(DEL) Alkane: C...	13.696	5.2	ug/L	206672	3	13.556	999138	25.0
(DEL) Alkane: S...	13.928	2.8	ug/L	112650	3	13.556	999138	25.0
unknown-02	14.056	3.0	ug/L	121343	3	13.556	999138	25.0
(DEL) Alkane: S...	14.184	3.3	ug/L	130339	3	13.556	999138	25.0
unknown-03	14.257	7.0	ug/L	281870	3	13.556	999138	25.0
(DEL) Alkane: C...	14.318	2.1	ug/L	82168	3	13.556	999138	25.0
Naphthalene, de...	14.379	9.9	ug/L	395225	3	13.556	999138	25.0
(DEL) Alkane: S...	14.489	4.6	ug/L	184150	3	13.556	999138	25.0
Sulfurous acid,...	14.653	4.1	ug/L	165373	3	13.556	999138	25.0
(DEL) Alkane: S...	14.733	4.8	ug/L	192207	3	13.556	999138	25.0
(DEL) Alkane: C...	14.793	6.4	ug/L	255152	3	13.556	999138	25.0
unknown-04	14.848	6.5	ug/L	257927	3	13.556	999138	25.0
unknown-05	14.922	4.7	ug/L	185887	3	13.556	999138	25.0
(DEL) Alkane: C...	15.239	8.9	ug/L	354517	3	13.556	999138	25.0
Decyl heptyl ether	15.336	8.1	ug/L	324996	3	13.556	999138	25.0
unknown-06	15.391	13.6	ug/L	545096	3	13.556	999138	25.0
(DEL) Alkane: S...	15.568	10.3	ug/L	411838	3	13.556	999138	25.0
(DEL) Alkane: C...	15.720	9.6	ug/L	385198	3	13.556	999138	25.0