

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076699.D
 Acq On : 03 Jul 2023 18:15
 Operator : KP/SY
 Sample : 03444-19RE
 Misc : 4.43G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Y0RE

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_D\Method\SFAMDLM061523SMA.M
 Title : SFAM01.0

Signal : TIC: VD076699.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	13	24	32	rBV	545784	1050237	16.94%	4.362%
2	1.852	44	45	46	rBV	2066	998	0.02%	0.004%
3	1.887	48	51	55	rVV3	12071	16701	0.27%	0.069%
4	1.934	55	59	64	rVB	19776	26952	0.43%	0.112%
5	1.999	68	70	72	rVB	1913	1116	0.02%	0.005%
6	2.017	72	73	76	rBV	2697	2087	0.03%	0.009%
7	2.105	84	88	91	rBV6	1699	2412	0.04%	0.010%
8	2.270	109	116	123	rBV4	21396	43078	0.69%	0.179%
9	2.364	127	132	135	rBV4	4426	8054	0.13%	0.033%
10	2.422	137	142	146	rVB4	8261	14720	0.24%	0.061%
11	2.546	162	163	164	rBV	3790	1968	0.03%	0.008%
12	2.564	164	166	167	rVV2	2278	1770	0.03%	0.007%
13	2.728	189	194	197	rVB5	3132	5320	0.09%	0.022%
14	2.758	197	199	200	rBV2	2549	2392	0.04%	0.010%
15	2.793	201	205	207	rBV	18812	25038	0.40%	0.104%
16	2.928	226	228	230	rBV2	2228	2345	0.04%	0.010%
17	3.293	284	290	292	rBV3	1865	3339	0.05%	0.014%
18	3.434	313	314	319	rVV3	1213	1500	0.02%	0.006%
19	3.569	334	337	340	rBV3	828	985	0.02%	0.004%
20	3.634	346	348	350	rVV2	1667	1463	0.02%	0.006%
21	3.669	352	354	357	rVB3	1406	1213	0.02%	0.005%
22	3.911	387	395	403	rVB2	18744	45504	0.73%	0.189%
23	4.022	404	414	422	rBV2	56666	158938	2.56%	0.660%
24	4.105	427	428	432	rVV3	2734	2084	0.03%	0.009%
25	4.140	432	434	436	rVB	1679	1432	0.02%	0.006%
26	4.246	448	452	453	rBV3	3228	4262	0.07%	0.018%
27	4.422	480	482	486	rBV3	1241	1238	0.02%	0.005%
28	4.464	486	489	491	rBV	1033	992	0.02%	0.004%
29	4.493	491	494	497	rVB2	1396	1787	0.03%	0.007%
30	4.558	501	505	507	rBV3	1413	1903	0.03%	0.008%
31	4.705	528	530	532	rBV	1545	1095	0.02%	0.005%
32	4.787	536	544	545	rBV3	6488	9423	0.15%	0.039%
33	4.881	555	560	567	rVV7	2625	5914	0.10%	0.025%
34	5.058	587	590	591	rBV2	839	960	0.02%	0.004%
35	5.193	611	613	616	rBV2	1348	1365	0.02%	0.006%
36	5.322	634	635	639	rVB2	1449	1292	0.02%	0.005%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076699.D
 Acq On : 03 Jul 2023 18:15
 Operator : KP/SY
 Sample : 03444-19RE
 Misc : 4.43G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Y0RE

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_D\Method\SFAMDLM061523SMA.M
 Title : SFAM01.0

37	5.593	679	681	682	rBV2	1104	992	0.02%	0.004%
38	5.640	687	689	690	rBV2	1582	1346	0.02%	0.006%
39	5.663	690	693	695	rBV2	1632	1810	0.03%	0.008%
40	5.805	714	717	719	rBV3	1371	1509	0.02%	0.006%
41	5.828	719	721	723	rBV2	2066	1611	0.03%	0.007%
42	6.052	755	759	760	rBV2	1225	1328	0.02%	0.006%
43	6.111	766	769	771	rBV3	1449	1469	0.02%	0.006%
44	6.175	779	780	782	rBV2	1005	1041	0.02%	0.004%
45	6.193	782	783	784	rVV	2107	1151	0.02%	0.005%
46	6.216	784	787	793	rVB4	2196	4365	0.07%	0.018%
47	6.322	803	805	808	rBV2	1525	1799	0.03%	0.007%
48	6.363	810	812	814	rVV	969	1080	0.02%	0.004%
49	6.393	816	817	820	rVV2	878	976	0.02%	0.004%
50	6.422	820	822	823	rVV	1365	1147	0.02%	0.005%
51	6.452	826	827	831	rBV3	994	1023	0.02%	0.004%
52	6.705	868	870	874	rBV	1216	1677	0.03%	0.007%
53	6.734	874	875	878	rBV	1299	1218	0.02%	0.005%
54	6.793	884	885	887	rBV2	1567	1128	0.02%	0.005%
55	6.810	887	888	894	rVB3	1961	1882	0.03%	0.008%
56	6.858	894	896	898	rBV	1196	1228	0.02%	0.005%
57	6.881	898	900	901	rBV	1871	1167	0.02%	0.005%
58	6.981	907	917	926	rBV	32728	92594	1.49%	0.385%
59	7.081	927	934	942	rVB2	23840	61852	1.00%	0.257%
60	7.234	957	960	961	rBV	1237	1224	0.02%	0.005%
61	7.269	963	966	967	rVV3	1375	1357	0.02%	0.006%
62	7.293	967	970	971	rVB2	2044	1744	0.03%	0.007%
63	7.316	971	974	975	rBV2	1377	962	0.02%	0.004%
64	7.340	975	978	980	rVB3	1204	1356	0.02%	0.006%
65	7.387	985	986	990	rVB2	1721	1323	0.02%	0.005%
66	7.475	1000	1001	1005	rVB2	1989	1742	0.03%	0.007%
67	7.563	1005	1016	1027	rBV	48433	134883	2.18%	0.560%
68	7.722	1041	1043	1045	rVB2	1239	1111	0.02%	0.005%
69	7.863	1060	1067	1072	rVV8	4624	13670	0.22%	0.057%
70	7.928	1077	1078	1079	rBV	1795	1196	0.02%	0.005%
71	8.081	1101	1104	1111	rVV5	4134	8531	0.14%	0.035%
72	8.205	1114	1125	1139	rBV4	68705	264743	4.27%	1.099%
73	8.346	1148	1149	1151	rBV2	2919	1354	0.02%	0.006%
74	8.481	1170	1172	1173	rBV	2258	1785	0.03%	0.007%
75	8.616	1193	1195	1196	rBV2	3289	2006	0.03%	0.008%
76	8.775	1215	1222	1233	rVB	212554	430284	6.94%	1.787%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076699.D
 Acq On : 03 Jul 2023 18:15
 Operator : KP/SY
 Sample : 03444-19RE
 Misc : 4.43G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Y0RE

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_D\Method\SFAMDLM061523SMA.M
 Title : SFAM01.0

77	8.887	1240	1241	1242	rVV	3196	1161	0.02%	0.005%
78	8.904	1242	1244	1246	rVB3	2674	1602	0.03%	0.007%
79	9.210	1288	1296	1302	rBV2	67129	152789	2.46%	0.635%
80	9.263	1303	1305	1312	rVB5	17448	32388	0.52%	0.135%
81	9.981	1422	1427	1431	rBV2	37542	62763	1.01%	0.261%
82	10.269	1471	1476	1482	rVV	74572	131409	2.12%	0.546%
83	10.328	1484	1486	1494	rVB	28546	42446	0.68%	0.176%
84	10.875	1574	1579	1587	rBV	110245	202523	3.27%	0.841%
85	11.581	1693	1699	1705	rBV	226664	376859	6.08%	1.565%
86	12.210	1804	1806	1812	rVB2	62363	80635	1.30%	0.335%
87	12.657	1876	1882	1887	rBV3	122408	270764	4.37%	1.124%
88	13.045	1944	1948	1951	rBV2	106025	154809	2.50%	0.643%
89	13.257	1981	1984	1989	rBV	146401	200374	3.23%	0.832%
90	13.310	1990	1993	1997	rBV2	111156	168224	2.71%	0.699%
91	13.840	2079	2083	2087	rBV2	423095	706212	11.39%	2.933%
92	14.163	2134	2138	2143	rBV4	344002	528463	8.52%	2.195%
93	14.234	2146	2150	2156	rVB3	443441	731555	11.80%	3.038%
94	14.287	2156	2159	2163	rVB4	222345	289448	4.67%	1.202%
95	14.351	2164	2170	2178	rBV5	1104450	2407250	38.83%	9.997%
96	14.510	2194	2197	2202	rVB4	545738	779087	12.57%	3.236%
97	14.769	2237	2241	2245	rBV5	1084676	2172310	35.04%	9.022%
98	14.816	2246	2249	2256	rVB3	1839717	3162292	51.01%	13.133%
99	15.304	2327	2332	2338	rBV	4042214	6199720	100.00%	25.747%
100	16.257	2490	2494	2503	rVB	1490598	2717620	43.83%	11.286%

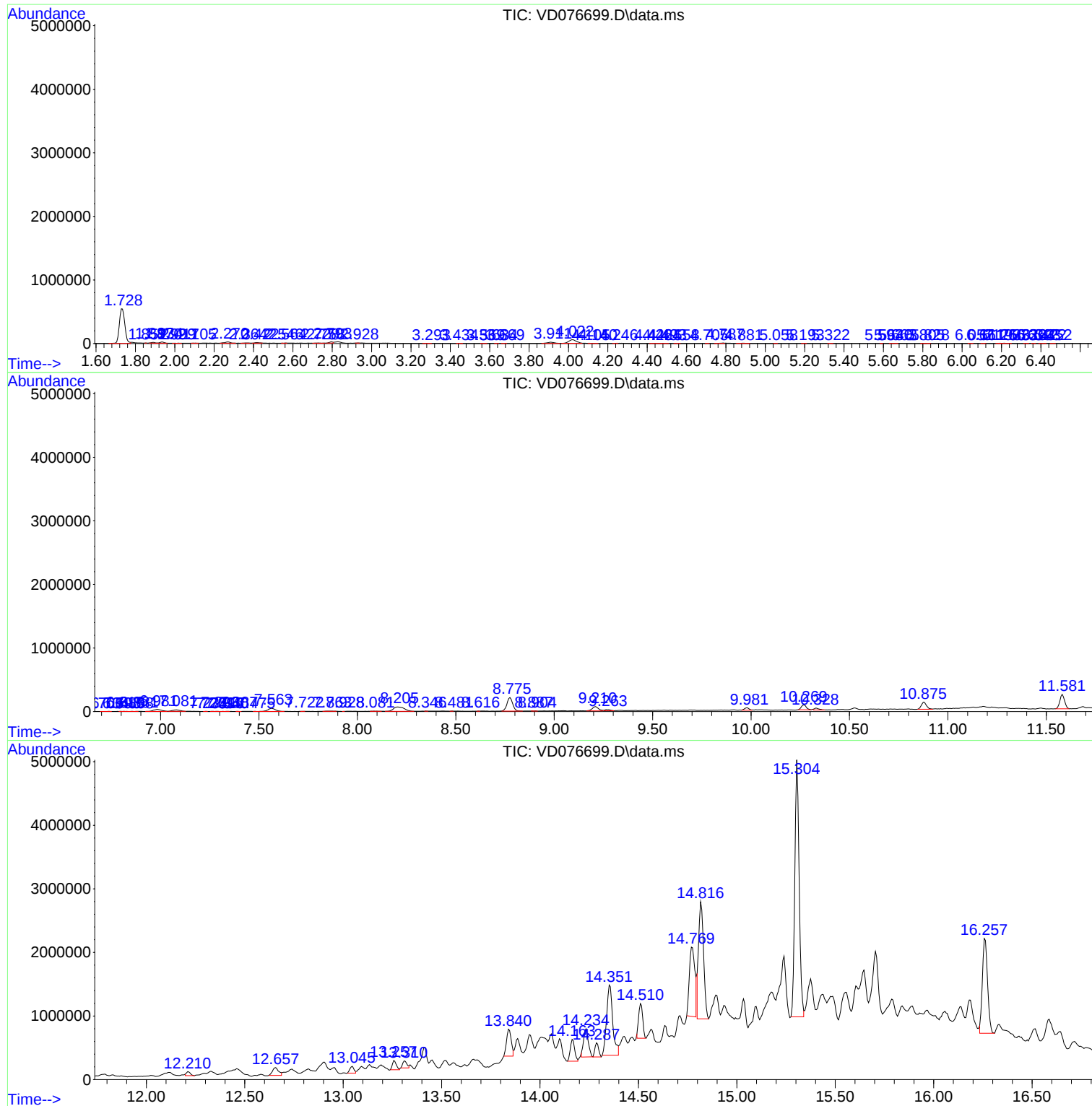
Sum of corrected areas: 24079244

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

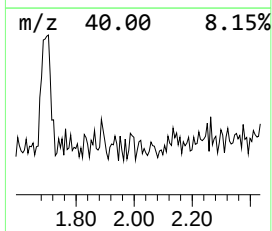
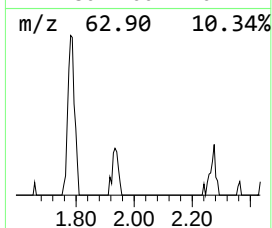
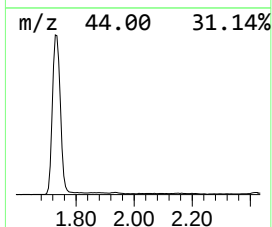
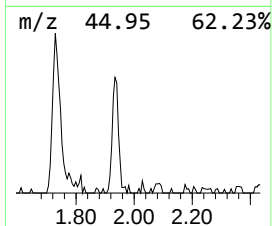
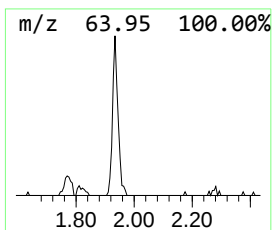
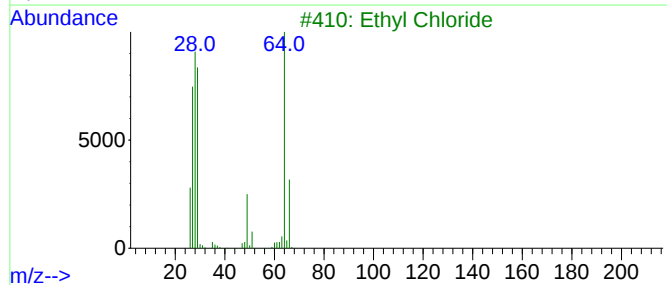
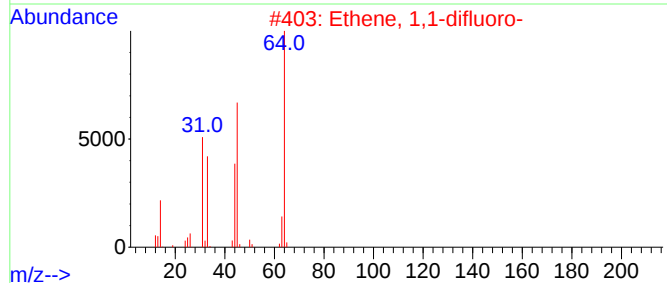
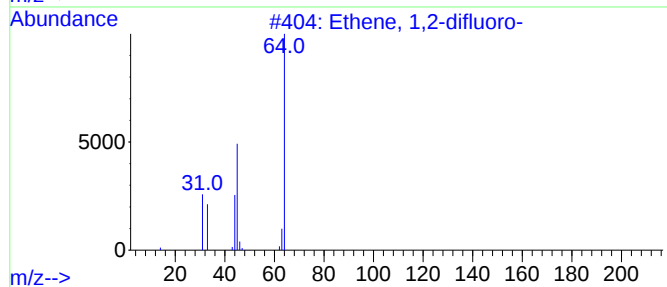
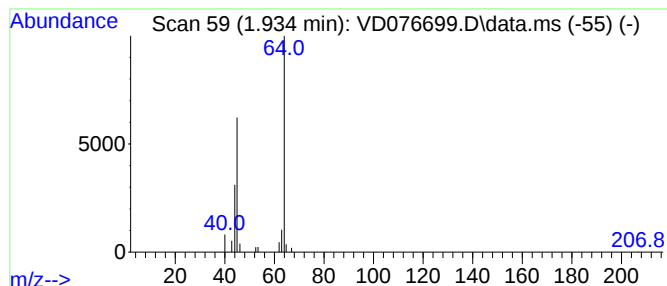
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Ethene, 1,2-difluoro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.934	1.57 ug/L	26952	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	83
2			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	83
3			Ethyl Chloride	64	C2H5Cl	000075-00-3	9
4			Ethyl Chloride	64	C2H5Cl	000075-00-3	9
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

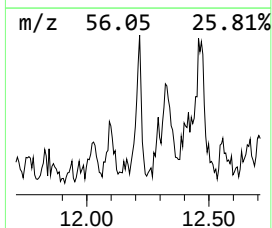
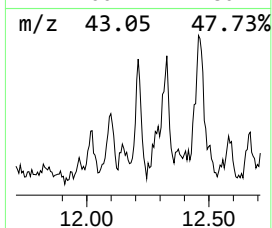
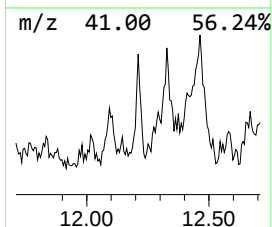
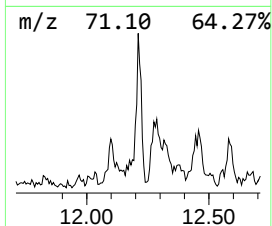
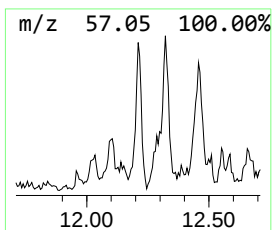
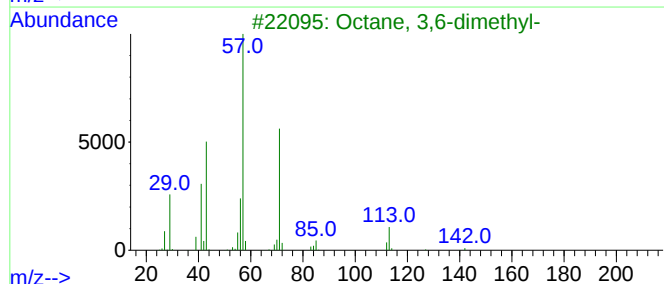
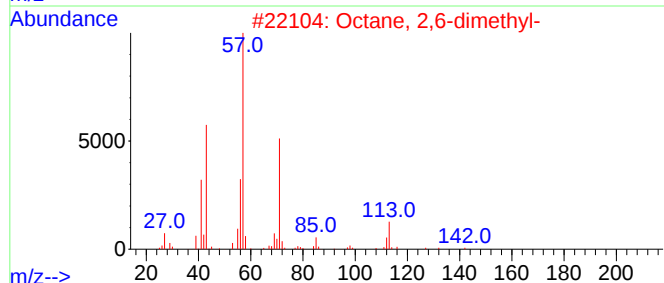
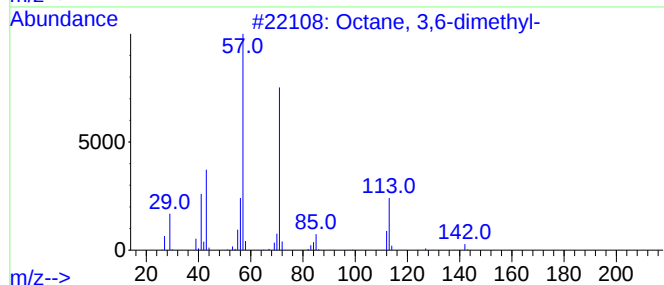
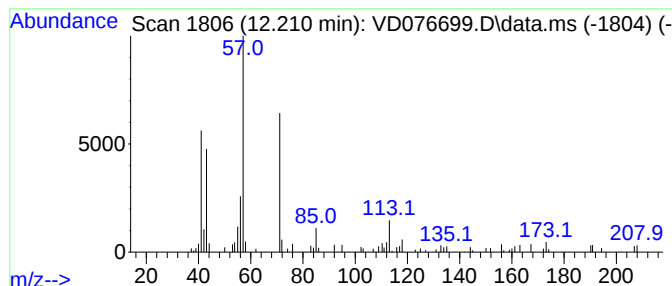
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	5.35 ug/L	80635	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	72
2	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	72
3	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	64
4	Decane, 2,6,7-trimethyl-			184	C13H28	062108-25-2	64
5	Sulfurous acid, 2-ethylhexyl hex...			418	C24H50O3S	1000309-19-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

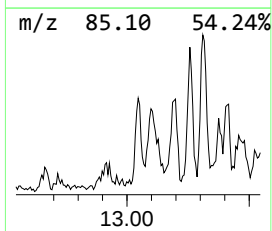
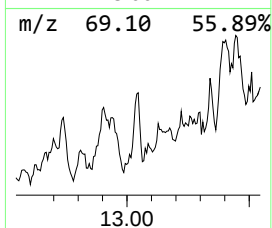
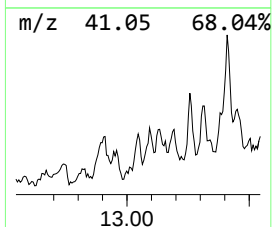
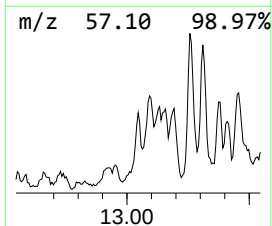
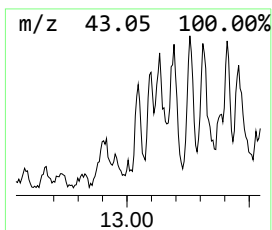
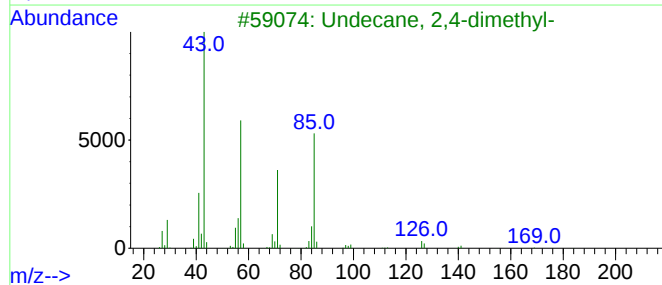
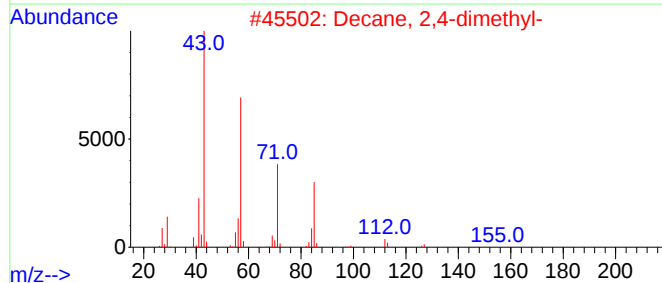
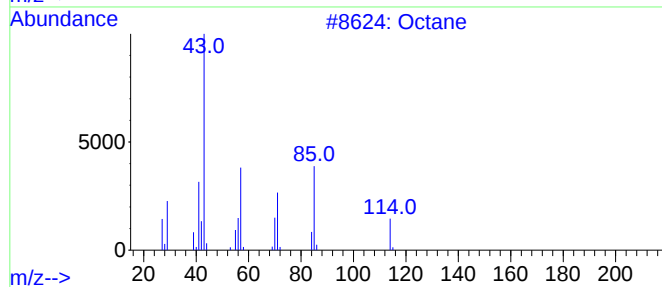
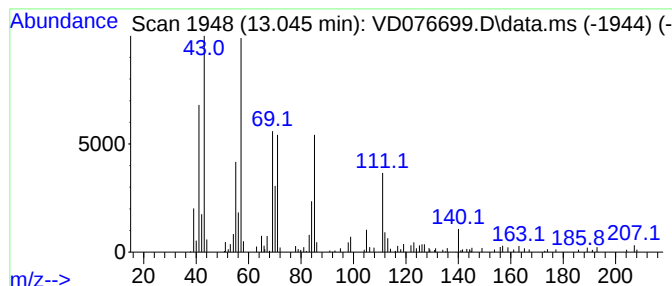
Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.045	23.01 ug/L	154809	1,4-Dichlorobenzene-d4			13.516
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	50
2	Decane, 2,4-dimethyl-		170	C12H26	002801-84-5	50
3	Undecane, 2,4-dimethyl-		184	C13H28	017312-80-0	47
4	Decane, 1-iodo-		268	C10H21I	002050-77-3	43
5	Sulfurous acid, hexyl nonyl ester		292	C15H32O3S	1000309-13-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

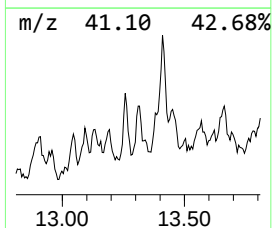
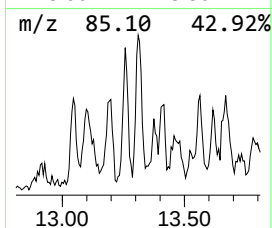
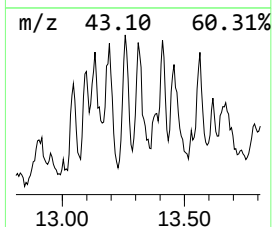
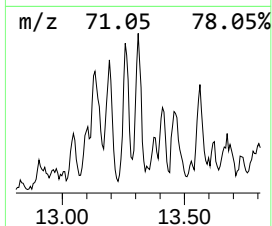
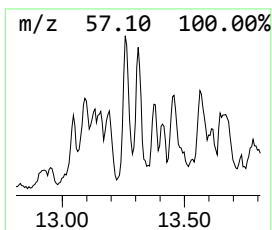
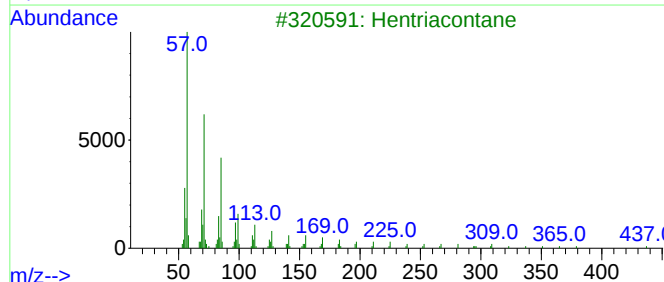
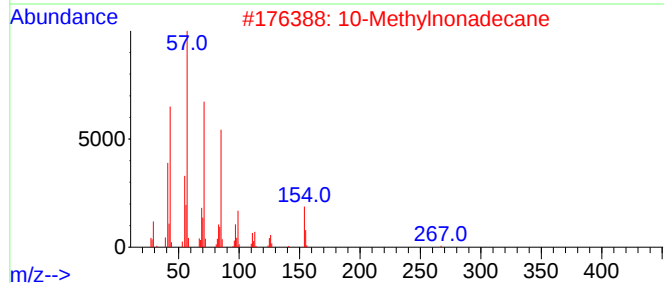
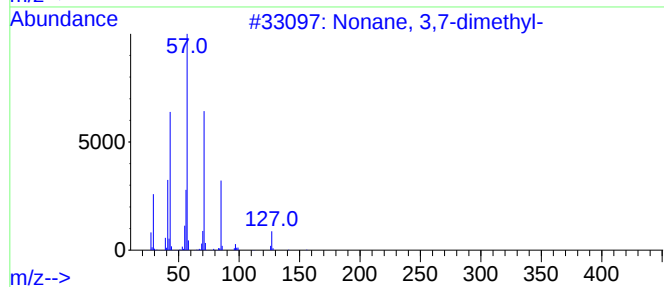
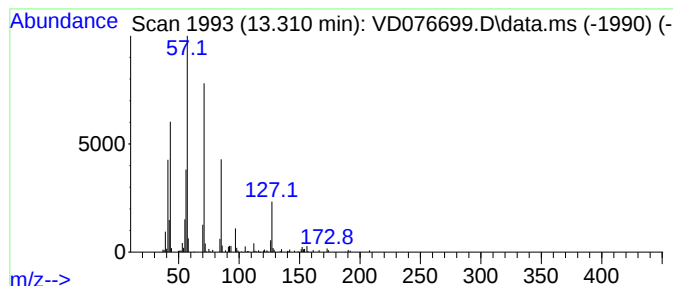
Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.310	25.00 ug/L	168224	1,4-Dichlorobenzene-d4			13.516
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	64
2	10-Methylnonadecane		282	C20H42	056862-62-5	59
3	Hentriacontane		437	C31H64	000630-04-6	59
4	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	53
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

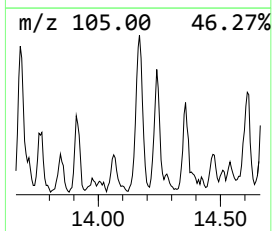
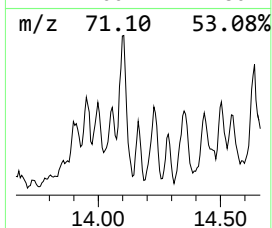
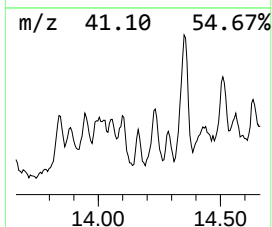
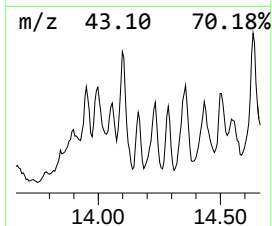
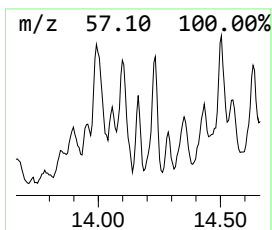
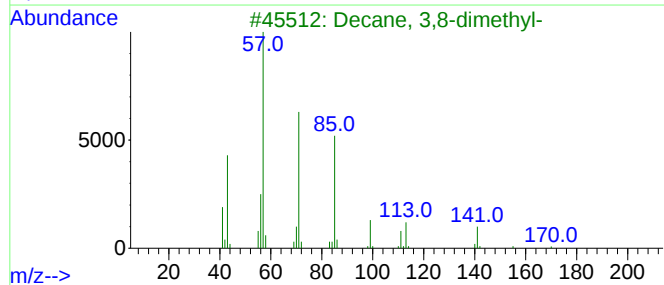
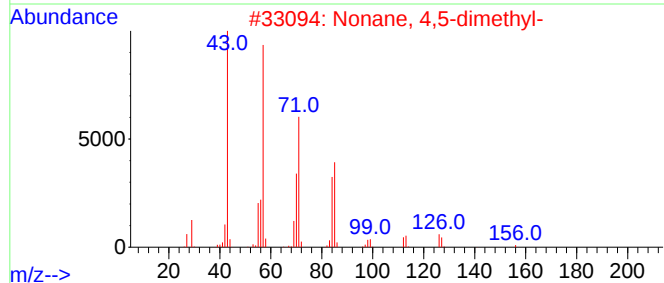
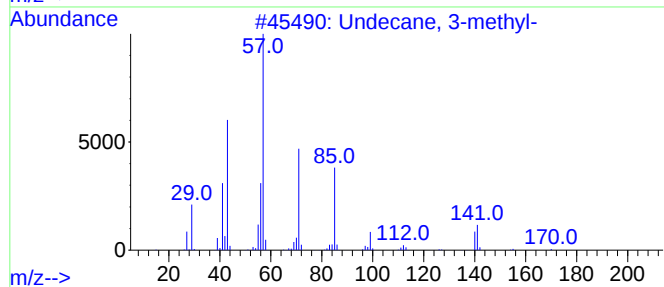
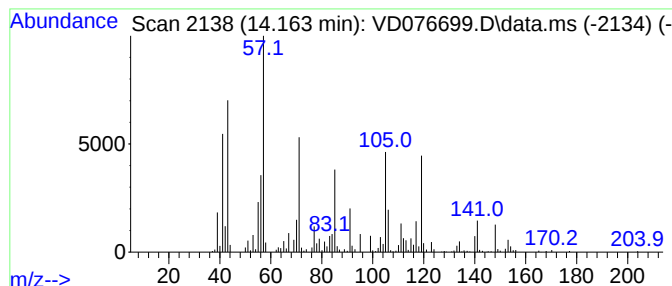
Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.163	78.54 ug/L	528463	1,4-Dichlorobenzene-d4			13.516
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	49
2	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	46
3	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	46
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	43
5	Undecane		156	C11H24	001120-21-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

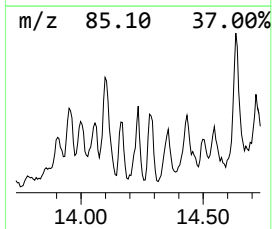
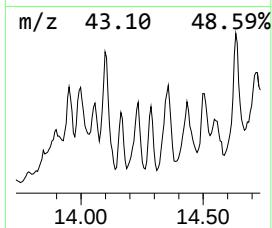
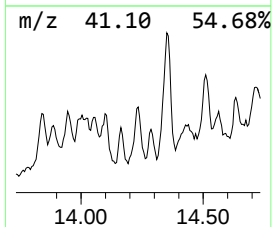
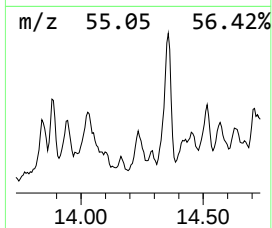
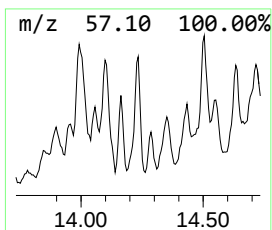
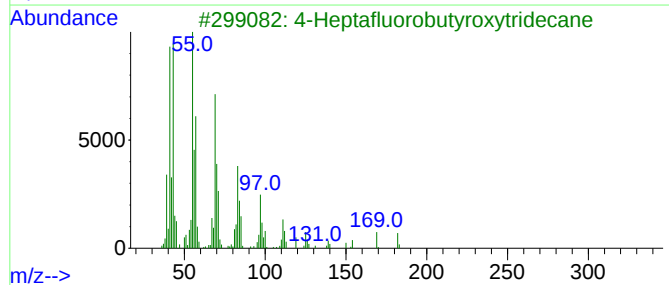
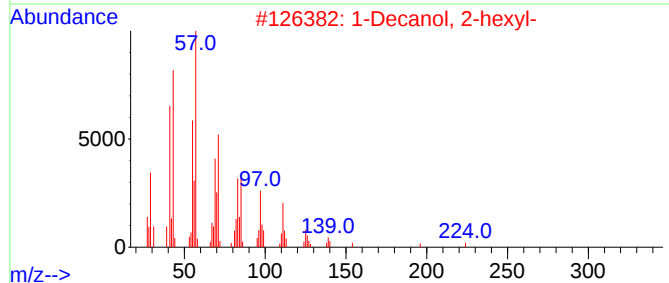
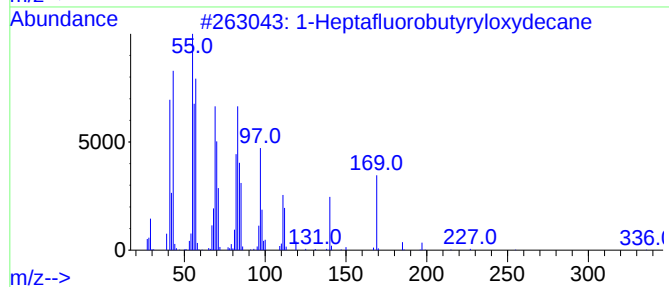
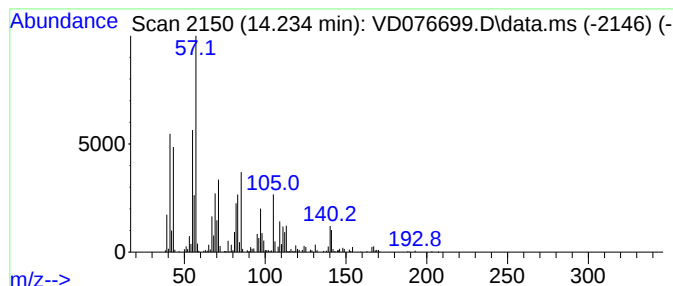
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.234	108.72 ug/L	731555	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptafluorobutyryloxydecane	354	C14H21F7O2	002994-16-3	46
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	43
3			4-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-6	38
4			Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	38
5			Heptafluorobutyric acid, undecyl...	368	C15H23F7O2	959103-74-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

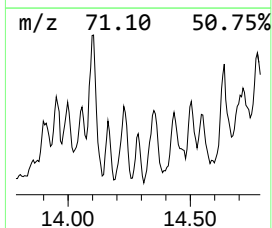
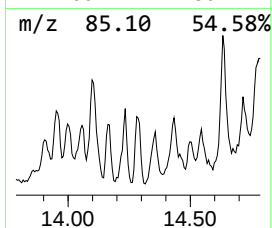
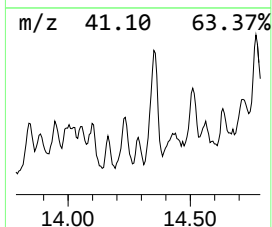
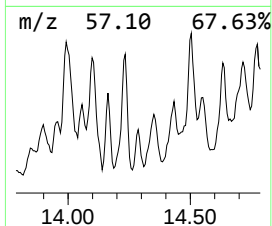
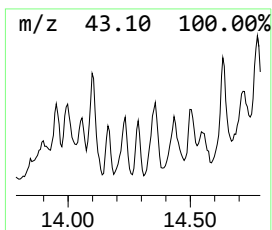
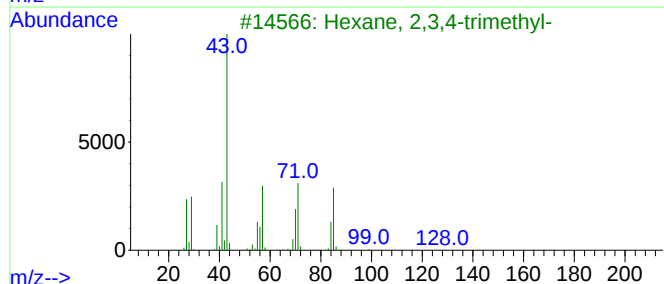
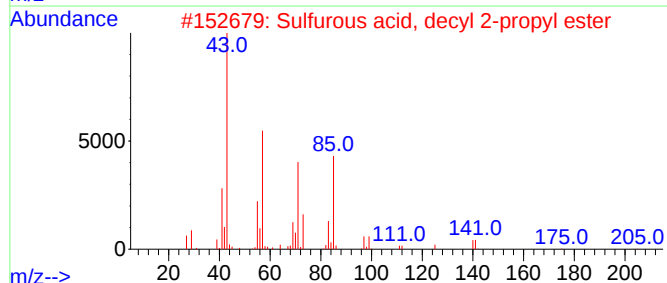
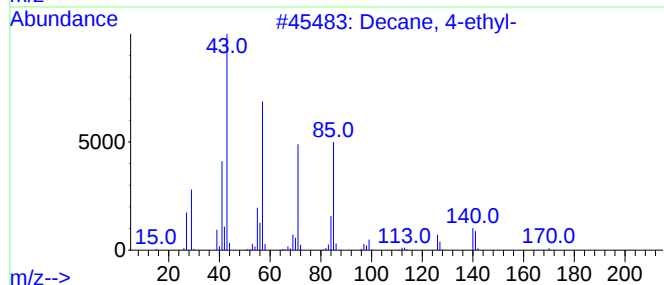
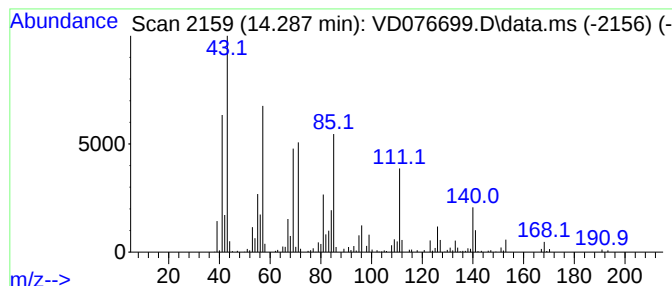
Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.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 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.287	43.02 ug/L	289448	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-	170	C12H26	001636-44-8	64
2	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	38
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	38
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

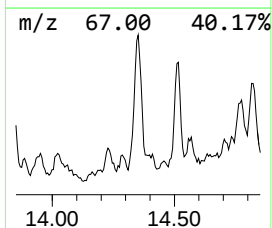
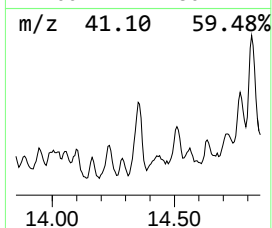
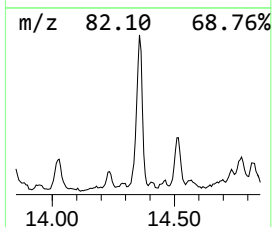
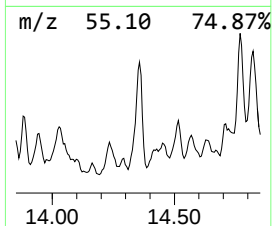
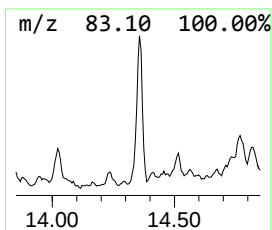
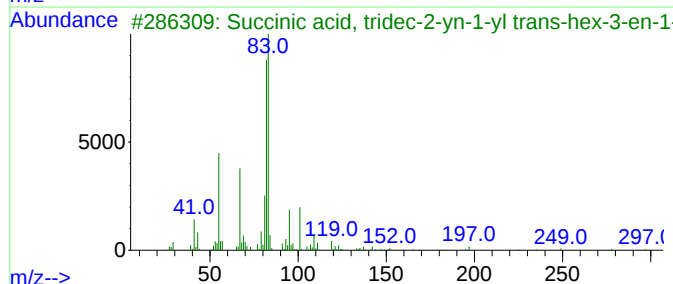
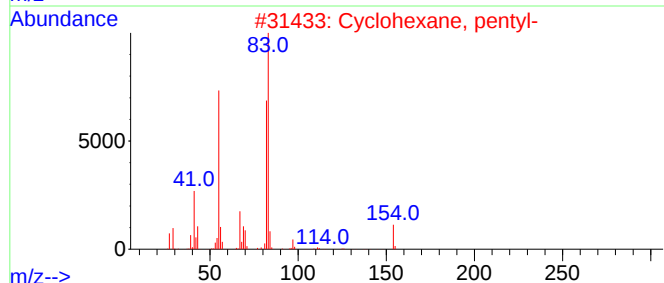
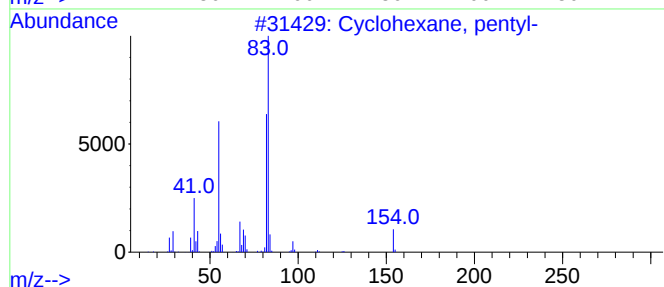
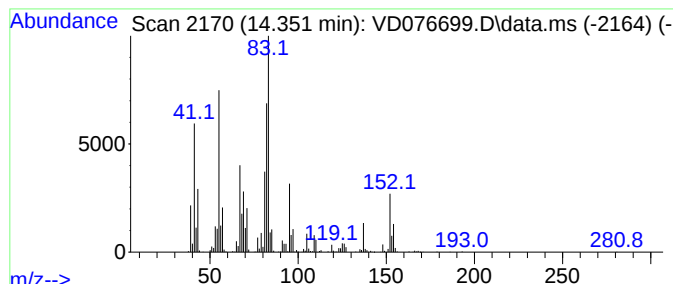
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic14.351 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.351	357.75 ug/L	2407250	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	60
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	60
3			Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	53
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

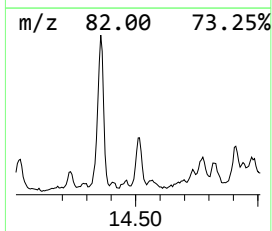
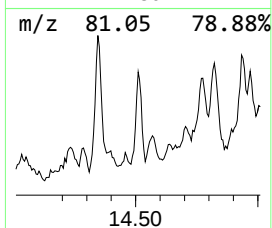
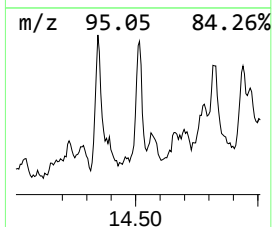
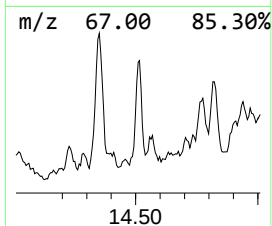
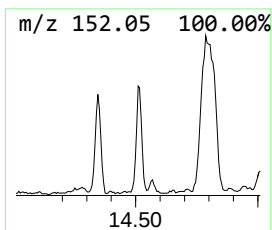
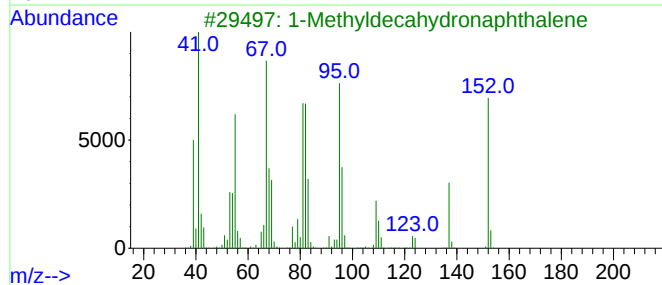
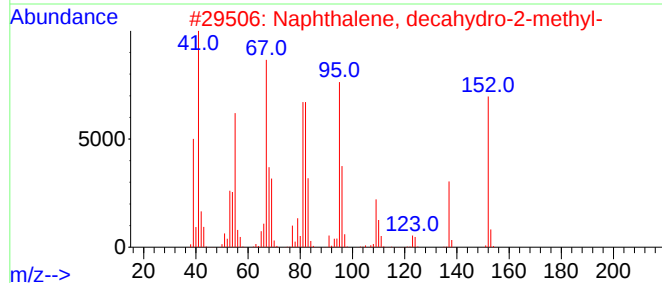
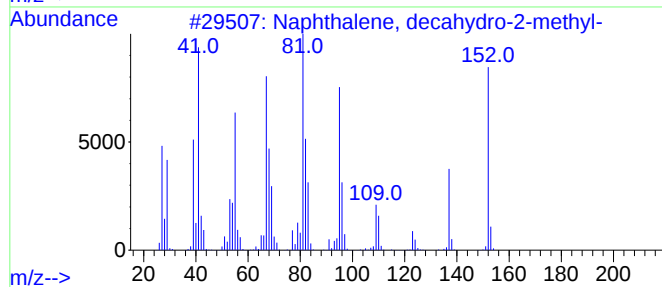
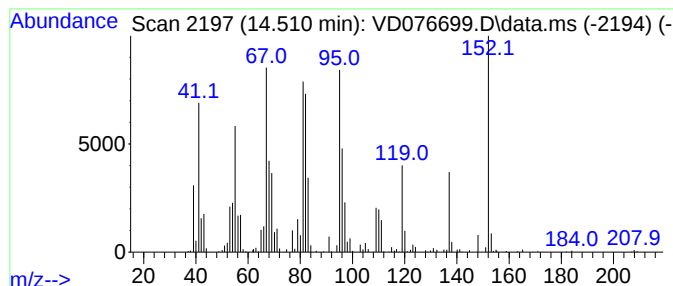
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	115.78 ug/L	779087	1,4-Dichlorobenzene-d4	13.516

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
4		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	64
5		Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

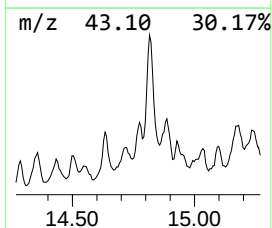
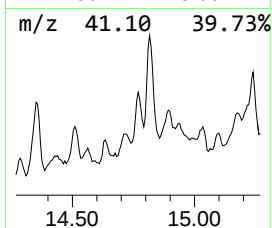
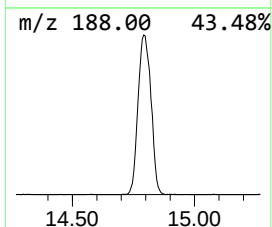
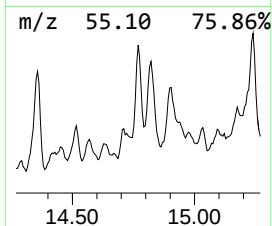
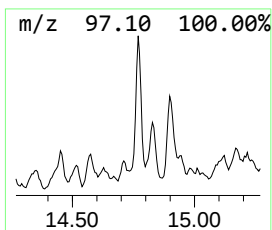
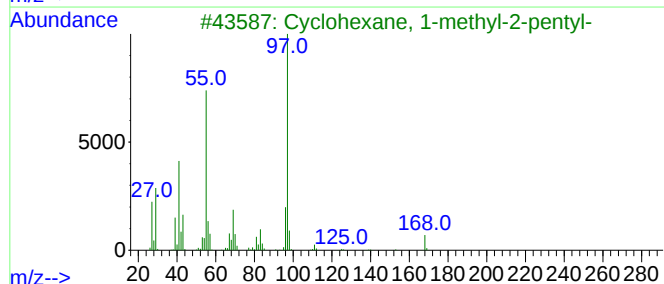
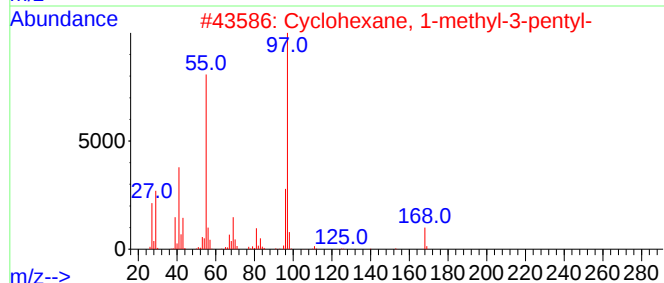
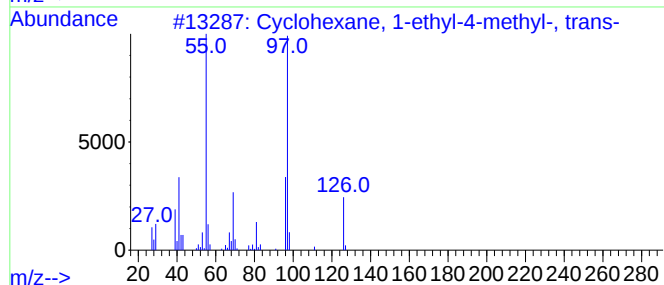
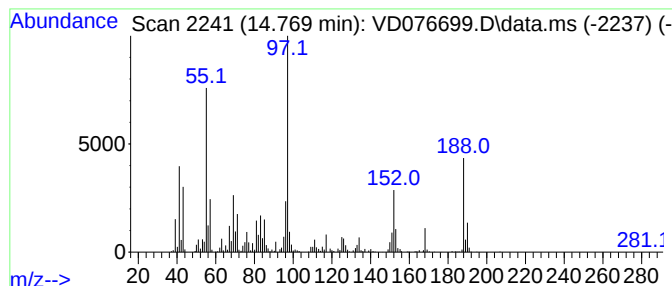
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic14.769 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	322.83 ug/L	2172310	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	46
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	45
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

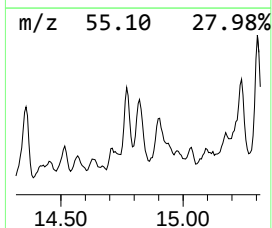
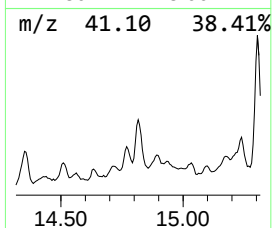
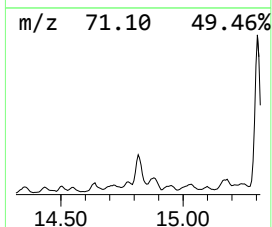
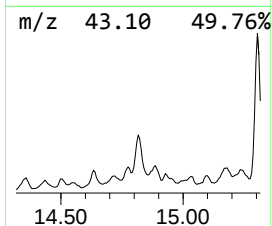
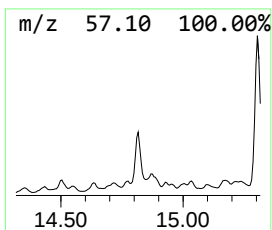
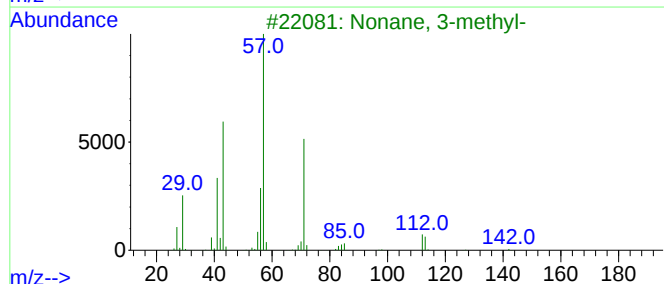
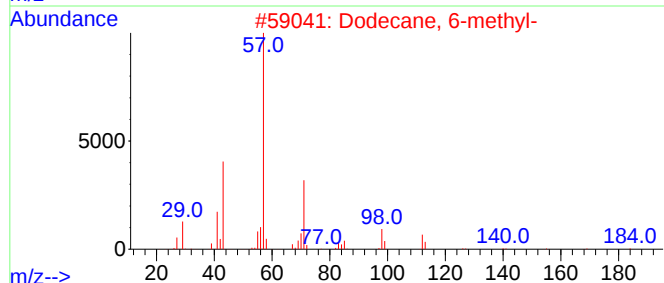
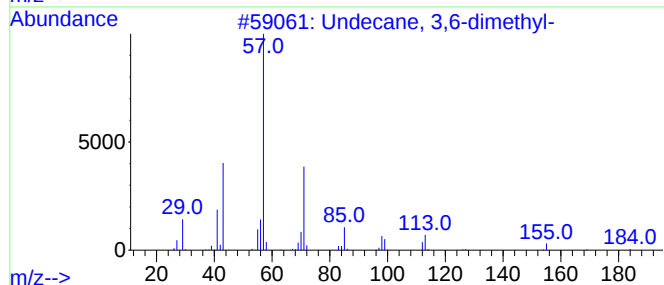
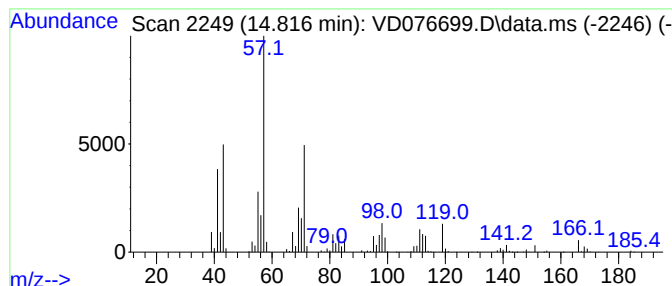
Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.816	469.95 ug/L	3162290	1,4-Dichlorobenzene-d4			13.516
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	76
2	Dodecane, 6-methyl-		184	C13H28	006044-71-9	55
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	49
4	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	49
5	Carbonic acid, 2,2,2-trichloroet...		262	C8H13Cl3O3	1000357-89-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

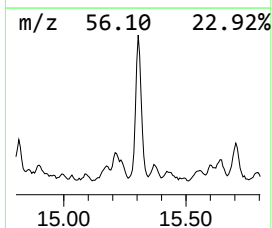
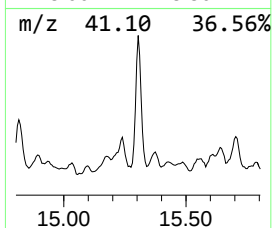
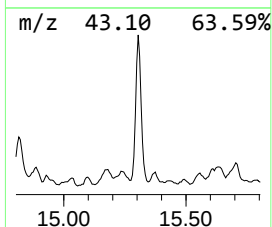
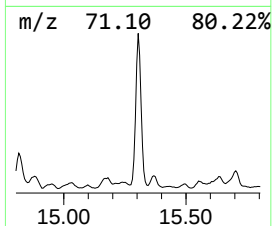
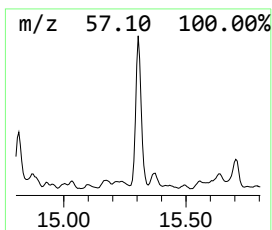
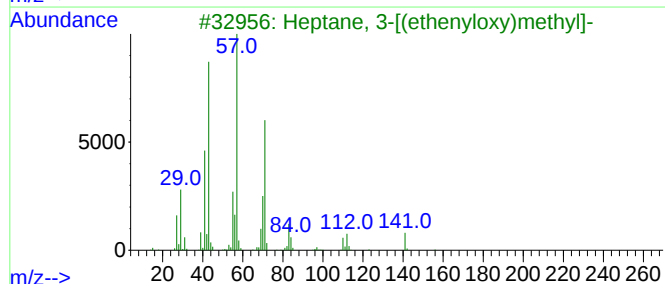
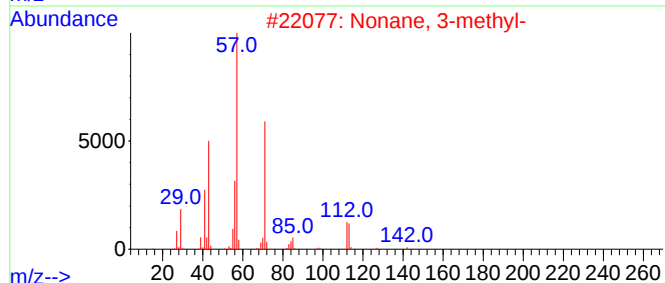
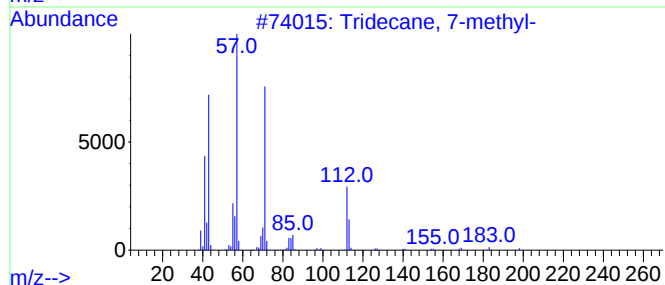
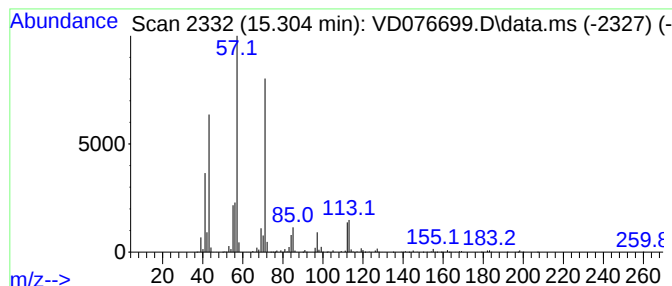
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	921.35 ug/L	6199720	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3			Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
4			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
5			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

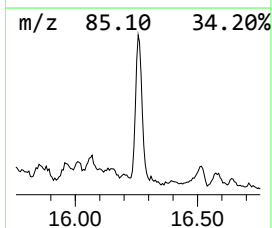
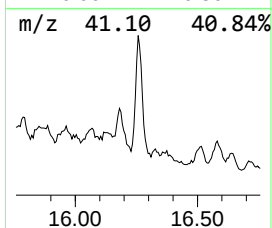
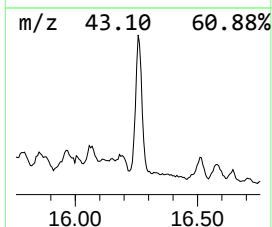
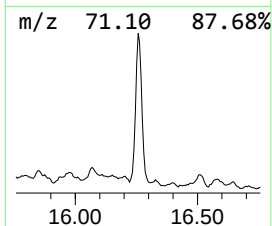
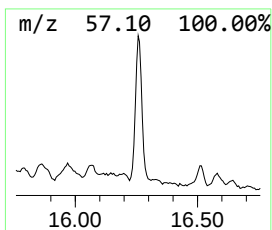
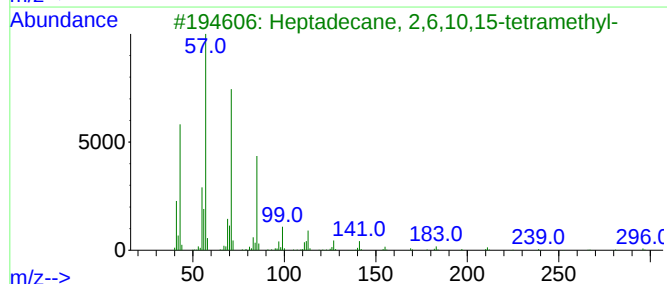
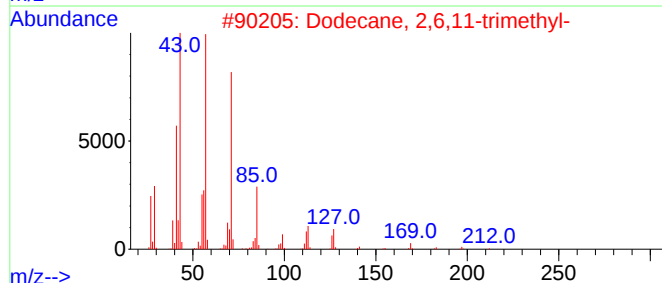
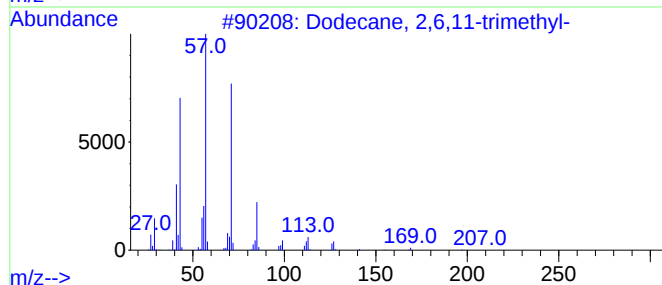
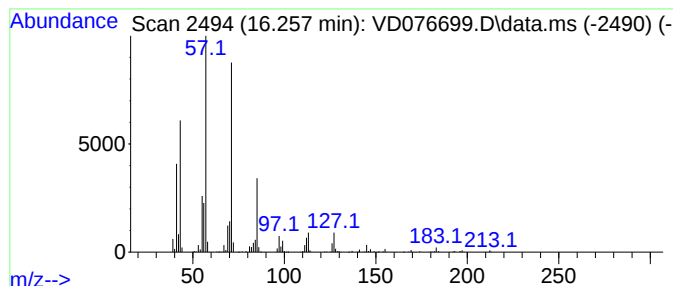
Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.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 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.257	403.87 ug/L	2717620	1,4-Dichlorobenzene-d4			13.516
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	90
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	80
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	80
4	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	80
5	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076699.D
Acq On : 03 Jul 2023 18:15
Operator : KP/SY
Sample : 03444-19RE
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46Y0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethene, 1,2-dif...	1.934	1.6	ug/L	26952	1	8.775	430284	25.0
(DEL) Alkane: S...	12.210	5.3	ug/L	80635	2	11.581	376859	25.0
(DEL) Alkane: S...	13.045	23.0	ug/L	154809	3	13.516	168224	25.0
(DEL) Alkane: S...	13.310	25.0	ug/L	168224	3	13.516	168224	25.0
(DEL) Alkane: S...	14.163	78.5	ug/L	528463	3	13.516	168224	25.0
unknown-01	14.234	108.7	ug/L	731555	3	13.516	168224	25.0
(DEL) Alkane: S...	14.287	43.0	ug/L	289448	3	13.516	168224	25.0
(DEL) Alkane: C...	14.351	357.8	ug/L	2407250	3	13.516	168224	25.0
Naphthalene, de...	14.510	115.8	ug/L	779087	3	13.516	168224	25.0
(DEL) Alkane: C...	14.769	322.8	ug/L	2172310	3	13.516	168224	25.0
(DEL) Alkane: S...	14.816	469.9	ug/L	3162290	3	13.516	168224	25.0
(DEL) Alkane: S...	15.304	921.4	ug/L	6199720	3	13.516	168224	25.0
(DEL) Alkane: S...	16.257	403.9	ug/L	2717620	3	13.516	168224	25.0