

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079910.D
 Acq On : 26 Sep 2024 16:06
 Operator : RP/MD
 Sample : P4162-21
 Misc : 4.94G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4EJ6

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\SFAMDLM091024SMA.M
 Title : SFAM01.0

Signal : TIC: VD079910.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.693	12	18	19	rBV	3337	5021	0.48%	0.074%
2	1.740	19	26	40	rVV	660489	1054614	100.00%	15.444%
3	1.887	49	51	59	rVB5	3265	5352	0.51%	0.078%
4	2.270	110	116	123	rBV	186567	277901	26.35%	4.070%
5	2.799	199	206	218	rVB	153687	288366	27.34%	4.223%
6	3.258	281	284	286	rVB2	532	432	0.04%	0.006%
7	3.346	296	299	302	rBV	824	623	0.06%	0.009%
8	3.669	352	354	356	rVB2	738	525	0.05%	0.008%
9	3.693	356	358	360	rBV2	644	508	0.05%	0.007%
10	3.734	364	365	368	rVB2	694	492	0.05%	0.007%
11	3.769	368	371	372	rBV	661	686	0.07%	0.010%
12	3.793	372	375	376	rBV2	399	424	0.04%	0.006%
13	3.916	386	396	407	rBV	99840	260467	24.70%	3.814%
14	4.016	407	413	415	rBV2	7565	11399	1.08%	0.167%
15	4.140	432	434	438	rBV	458	557	0.05%	0.008%
16	4.264	449	455	456	rBV2	1392	2598	0.25%	0.038%
17	4.316	463	464	468	rBV	675	610	0.06%	0.009%
18	4.393	475	477	479	rBV	531	492	0.05%	0.007%
19	4.422	479	482	485	rBV2	616	602	0.06%	0.009%
20	4.446	485	486	488	rBV	763	426	0.04%	0.006%
21	4.622	513	516	518	rBV	552	742	0.07%	0.011%
22	4.716	530	532	534	rBV2	454	424	0.04%	0.006%
23	4.799	537	546	554	rBV3	4877	12950	1.23%	0.190%
24	4.852	554	555	558	rVB2	1036	751	0.07%	0.011%
25	5.075	591	593	595	rBV	828	647	0.06%	0.009%
26	5.375	642	644	647	rBV	751	720	0.07%	0.011%
27	5.516	664	668	671	rVB2	574	950	0.09%	0.014%
28	5.816	716	719	720	rBV	1617	1467	0.14%	0.021%
29	5.893	730	732	735	rVB	561	550	0.05%	0.008%
30	5.946	740	741	742	rBV	793	396	0.04%	0.006%
31	6.122	769	771	772	rBV	611	477	0.05%	0.007%
32	6.210	782	786	787	rVB2	602	520	0.05%	0.008%
33	6.228	787	789	791	rBV	908	699	0.07%	0.010%
34	6.328	804	806	810	rVB2	790	920	0.09%	0.013%
35	6.363	810	812	813	rBV2	547	508	0.05%	0.007%
36	6.481	830	832	835	rVB	506	402	0.04%	0.006%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079910.D
 Acq On : 26 Sep 2024 16:06
 Operator : RP/MD
 Sample : P4162-21
 Misc : 4.94G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4EJ6

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\SFAMDLM091024SMA.M
 Title : SFAM01.0

37	6.857	893	896	897	rVB	538	461	0.04%	0.007%
38	6.875	897	899	902	rVB	542	512	0.05%	0.007%
39	6.987	908	918	929	rBV2	19482	53164	5.04%	0.779%
40	7.175	948	950	953	rBV	1042	883	0.08%	0.013%
41	7.205	953	955	956	rBV2	794	532	0.05%	0.008%
42	7.405	985	989	990	rBV	651	665	0.06%	0.010%
43	7.452	993	997	1000	rBV2	434	679	0.06%	0.010%
44	7.569	1007	1017	1029	rBV2	143919	368536	34.95%	5.397%
45	7.681	1035	1036	1041	rVB2	854	751	0.07%	0.011%
46	8.034	1094	1096	1098	rVB	646	627	0.06%	0.009%
47	8.063	1098	1101	1102	rBV2	433	480	0.05%	0.007%
48	8.204	1113	1125	1139	rBV2	289273	845638	80.18%	12.384%
49	8.428	1160	1163	1166	rBV2	763	1062	0.10%	0.016%
50	8.487	1171	1173	1175	rVV	689	565	0.05%	0.008%
51	8.599	1189	1192	1193	rBV	798	659	0.06%	0.010%
52	8.781	1213	1223	1234	rBV	294468	594067	56.33%	8.700%
53	8.910	1243	1245	1246	rBV	705	400	0.04%	0.006%
54	8.940	1249	1250	1252	rVB	1193	619	0.06%	0.009%
55	9.022	1258	1264	1267	rBV2	719	1214	0.12%	0.018%
56	9.210	1287	1296	1311	rBV2	192123	406680	38.56%	5.955%
57	9.310	1311	1313	1314	rVB	934	429	0.04%	0.006%
58	9.375	1322	1324	1327	rBV2	747	631	0.06%	0.009%
59	9.404	1327	1329	1330	rVV2	653	395	0.04%	0.006%
60	9.481	1340	1342	1346	rBV2	486	493	0.05%	0.007%
61	9.599	1359	1362	1369	rVB2	958	1267	0.12%	0.019%
62	9.863	1404	1407	1410	rBV2	1145	1109	0.11%	0.016%
63	9.910	1414	1415	1418	rVV	605	503	0.05%	0.007%
64	9.975	1418	1426	1434	rVV	95280	175616	16.65%	2.572%
65	10.051	1437	1439	1441	rBV	1073	811	0.08%	0.012%
66	10.069	1441	1442	1444	rVB	812	414	0.04%	0.006%
67	10.199	1462	1464	1467	rVB	569	420	0.04%	0.006%
68	10.269	1467	1476	1487	rBV	328126	585173	55.49%	8.569%
69	10.410	1497	1500	1502	rBV	727	800	0.08%	0.012%
70	10.522	1513	1519	1527	rBV	60162	108635	10.30%	1.591%
71	10.622	1534	1536	1537	rBV	575	397	0.04%	0.006%
72	10.657	1539	1542	1548	rVV	2288	2909	0.28%	0.043%
73	10.775	1560	1562	1563	rBV	730	405	0.04%	0.006%
74	10.822	1568	1570	1572	rVB	776	641	0.06%	0.009%
75	10.875	1573	1579	1586	rBV	80275	136239	12.92%	1.995%
76	10.998	1599	1600	1602	rBV2	1069	697	0.07%	0.010%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079910.D
 Acq On : 26 Sep 2024 16:06
 Operator : RP/MD
 Sample : P4162-21
 Misc : 4.94G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4EJ6

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\SFAMDLM091024SMA.M
 Title : SFAM01.0

77	11.057	1609	1610	1613	rBV	1025	979	0.09%	0.014%
78	11.369	1660	1663	1666	rVB2	561	638	0.06%	0.009%
79	11.498	1683	1685	1686	rBV	841	480	0.05%	0.007%
80	11.581	1691	1699	1708	rBV	322736	547964	51.96%	8.024%
81	11.745	1725	1727	1728	rBV	607	419	0.04%	0.006%
82	11.828	1738	1741	1745	rVB2	836	1042	0.10%	0.015%
83	12.045	1776	1778	1782	rBV2	558	529	0.05%	0.008%
84	12.116	1788	1790	1793	rBV2	619	581	0.06%	0.009%
85	12.187	1800	1802	1803	rBV	561	410	0.04%	0.006%
86	12.275	1814	1817	1818	rBV2	611	613	0.06%	0.009%
87	12.398	1833	1838	1839	rVB2	1411	1448	0.14%	0.021%
88	12.557	1860	1865	1866	rBV2	2084	2590	0.25%	0.038%
89	12.645	1874	1880	1889	rVB	101822	173086	16.41%	2.535%
90	12.734	1889	1895	1899	rBV6	7128	12654	1.20%	0.185%
91	12.781	1902	1903	1905	rBV	694	483	0.05%	0.007%
92	12.904	1919	1924	1925	rBV2	2788	3880	0.37%	0.057%
93	13.034	1944	1946	1953	rVB4	2464	3386	0.32%	0.050%
94	13.157	1962	1967	1973	rVB5	7455	14572	1.38%	0.213%
95	13.222	1973	1978	1980	rBV4	2523	3788	0.36%	0.055%
96	13.375	1995	2004	2013	rBV7	13286	30407	2.88%	0.445%
97	13.516	2022	2028	2033	rBV	152705	242411	22.99%	3.550%
98	13.810	2073	2078	2085	rVB	122105	206242	19.56%	3.020%
99	14.475	2185	2191	2200	rBV3	77120	166915	15.83%	2.444%
100	15.304	2328	2332	2338	rVB	110606	181822	17.24%	2.663%

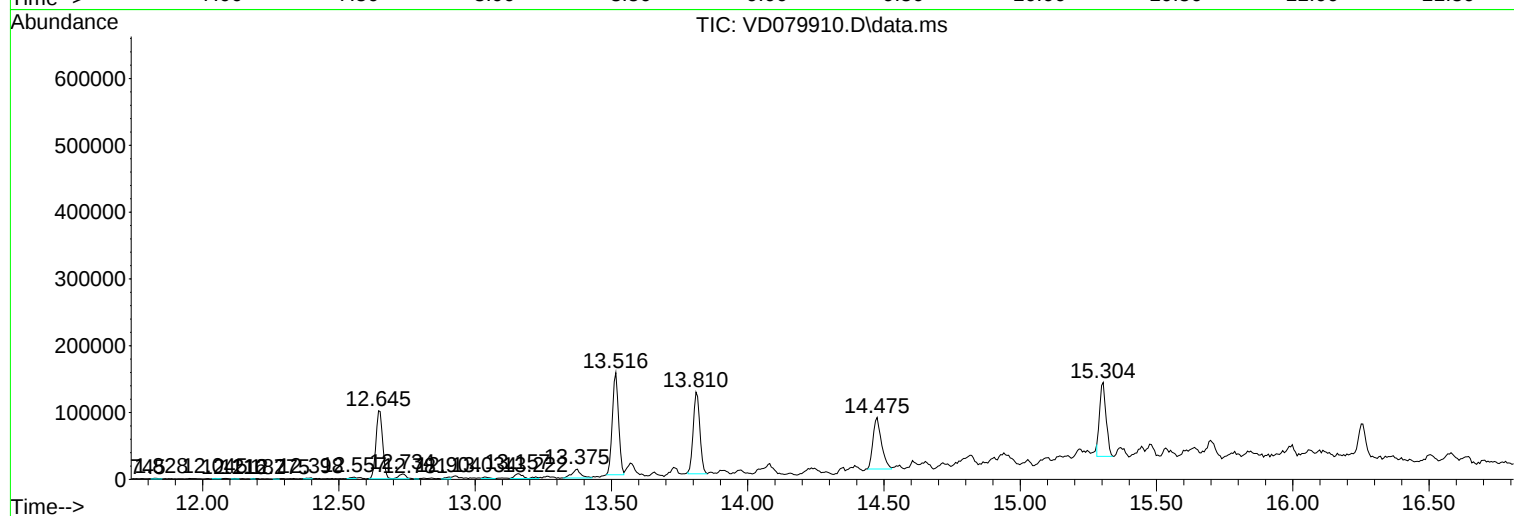
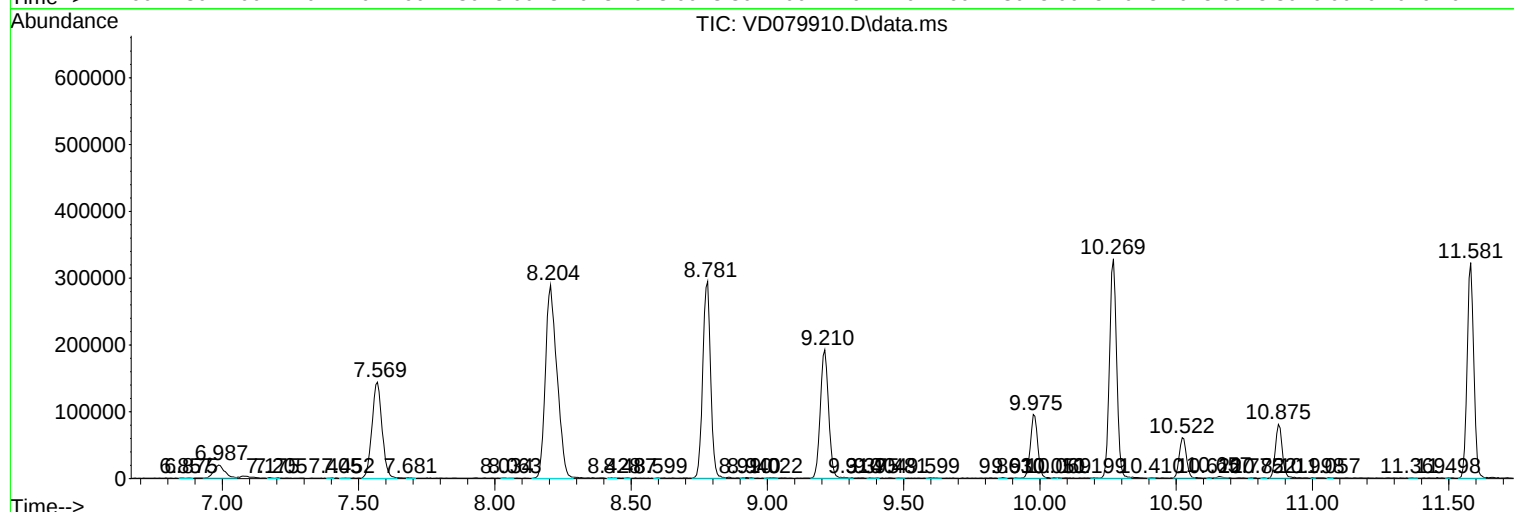
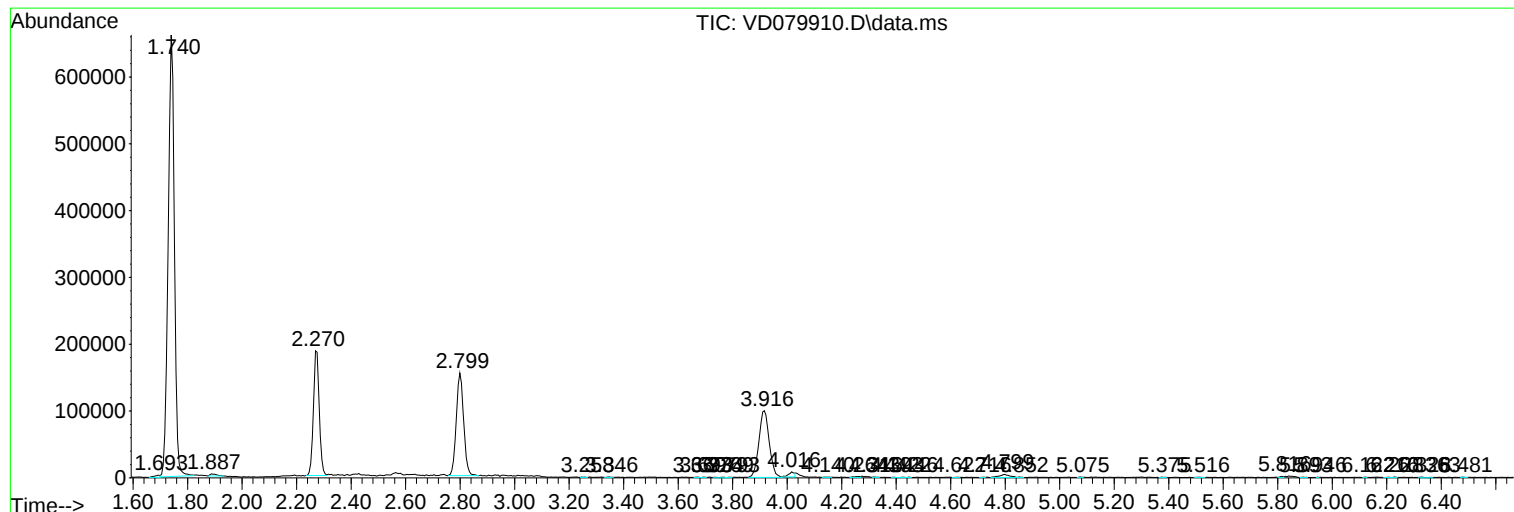
Sum of corrected areas: 6828735

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079910.D
Acq On : 26 Sep 2024 16:06
Operator : RP/MD
Sample : P4162-21
Misc : 4.94G/10ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079910.D
Acq On : 26 Sep 2024 16:06
Operator : RP/MD
Sample : P4162-21
Misc : 4.94G/10ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ6

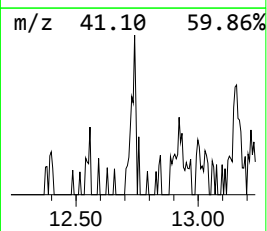
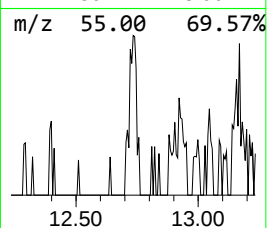
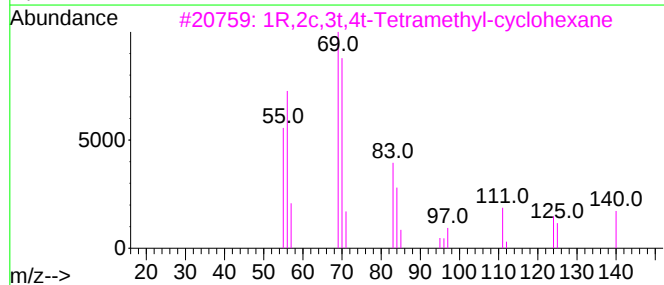
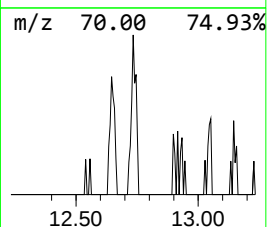
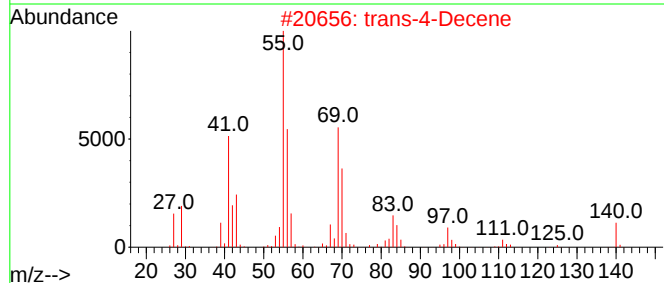
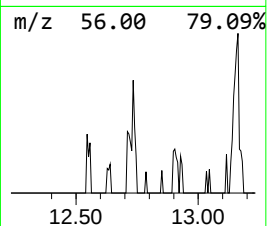
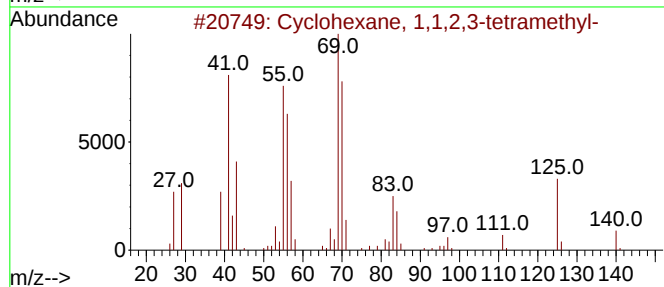
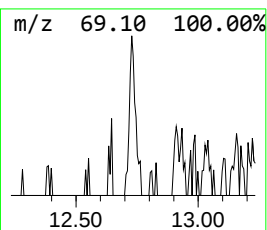
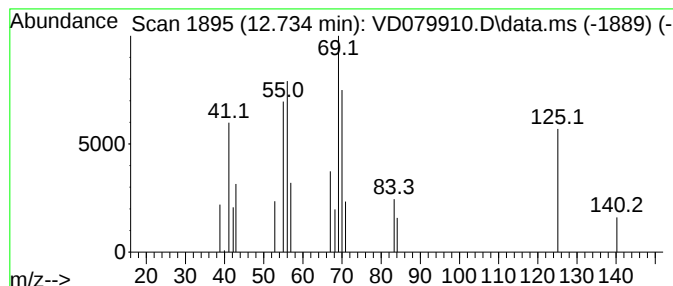
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic12.734 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.734	1.31 ug/L	12654	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	72
2			trans-4-Decene	140	C10H20	019398-89-1	64
3			1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	59
4			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	50
5			3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079910.D
Acq On : 26 Sep 2024 16:06
Operator : RP/MD
Sample : P4162-21
Misc : 4.94G/10ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ6

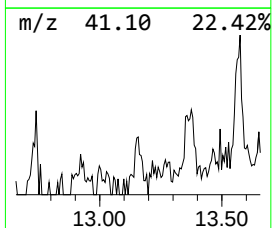
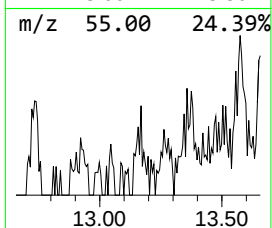
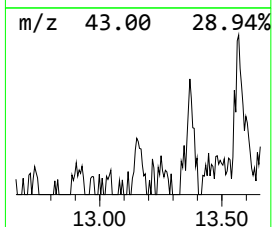
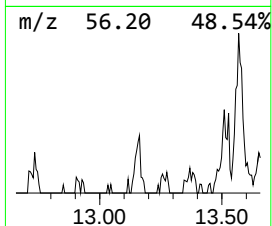
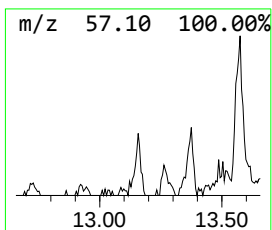
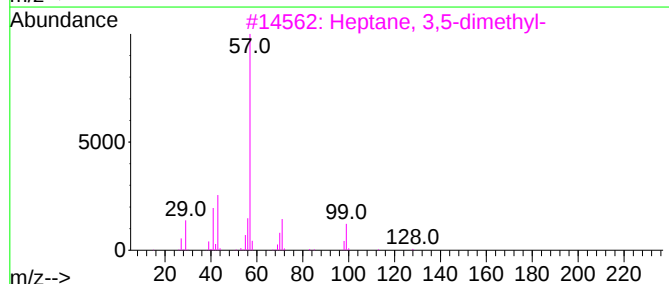
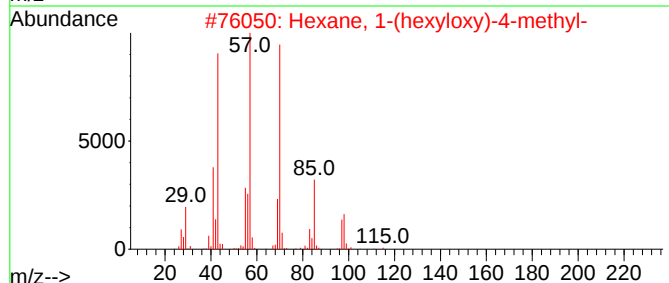
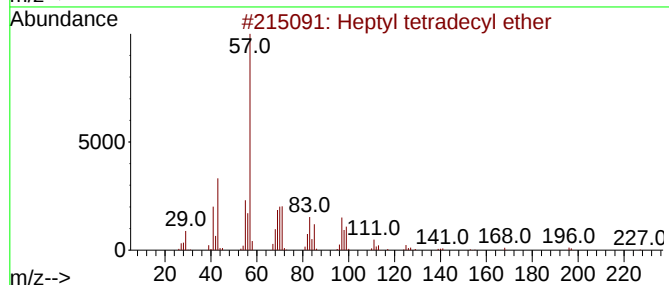
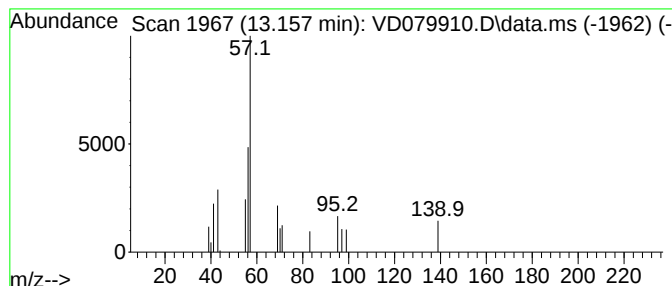
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	1.50 ug/L	14572	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	28
2			Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	25
3			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	25
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	17
5			Docosyl heptyl ether	424	C29H60O	1000406-39-7	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079910.D
Acq On : 26 Sep 2024 16:06
Operator : RP/MD
Sample : P4162-21
Misc : 4.94G/10ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ6

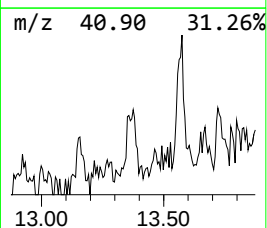
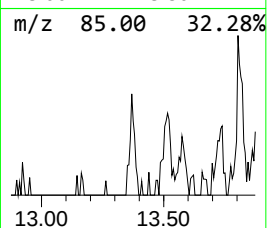
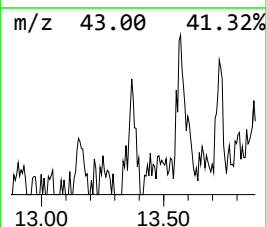
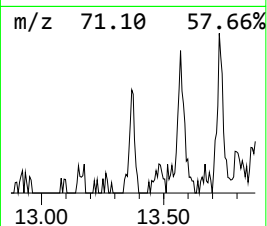
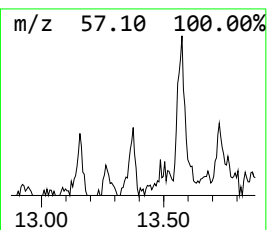
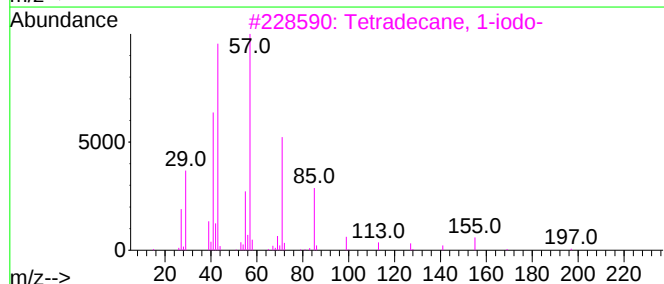
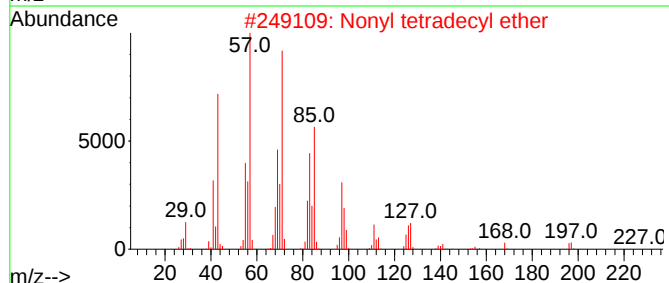
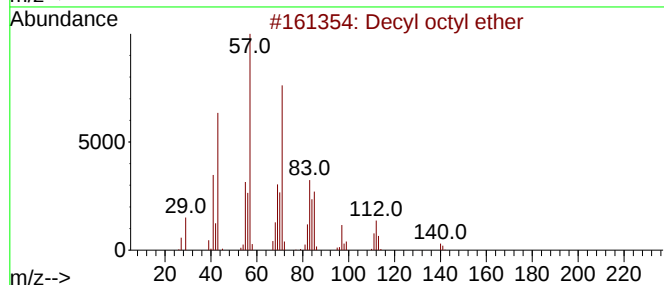
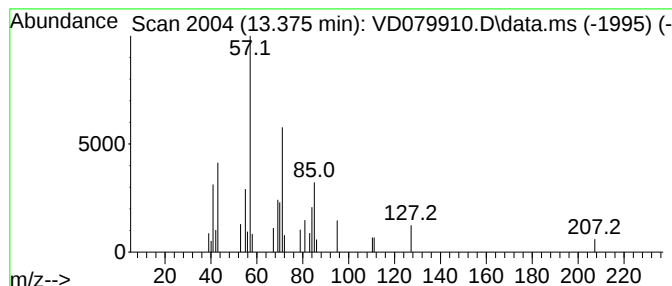
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Decyl octyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	3.14 ug/L	30407	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decyl octyl ether	270	C18H38O	1000406-38-3	50
2			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	45
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	42
5			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079910.D
Acq On : 26 Sep 2024 16:06
Operator : RP/MD
Sample : P4162-21
Misc : 4.94G/10ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

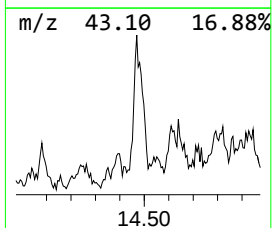
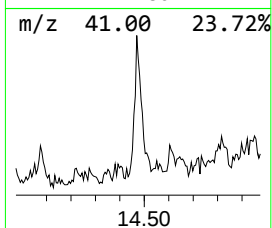
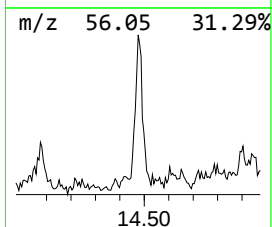
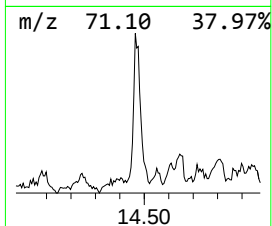
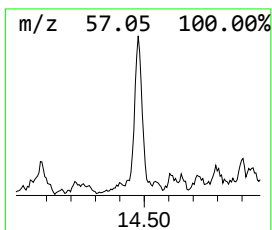
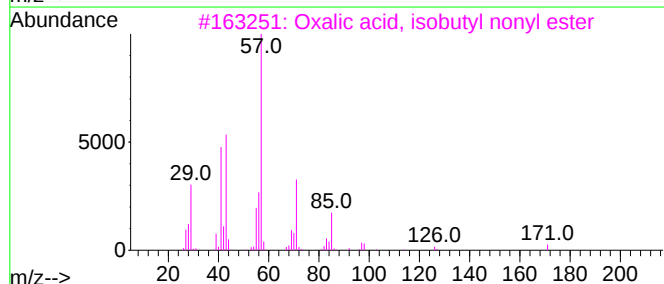
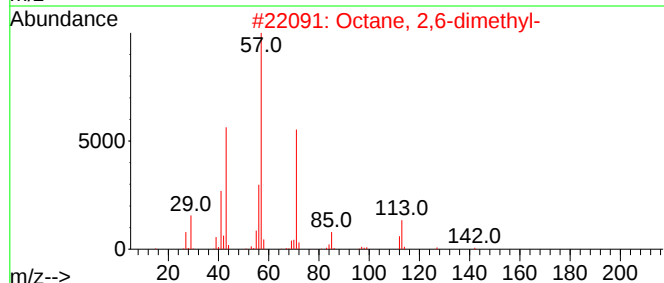
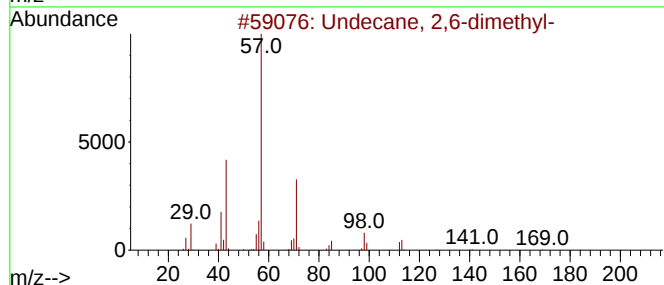
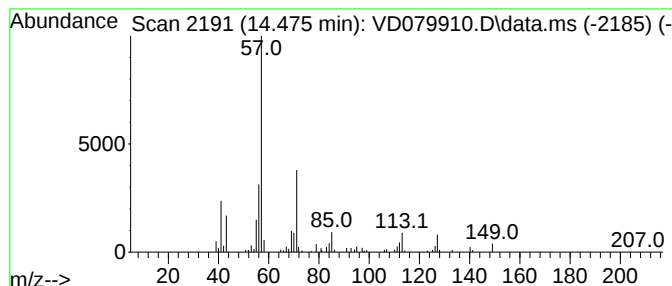
Instrument :
MSVOA_D
ClientSampleId :
A4EJ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.475	17.21 ug/L	166915	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079910.D
Acq On : 26 Sep 2024 16:06
Operator : RP/MD
Sample : P4162-21
Misc : 4.94G/10ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ6

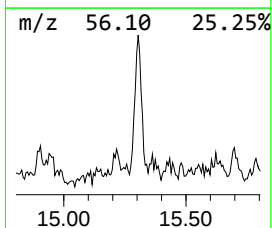
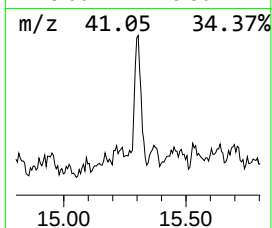
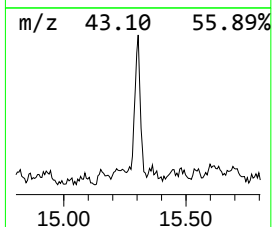
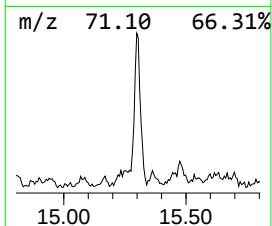
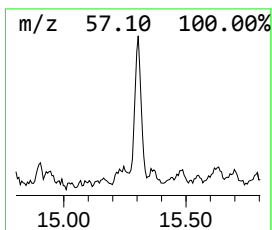
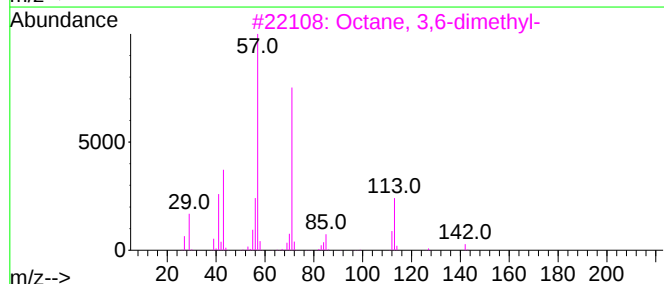
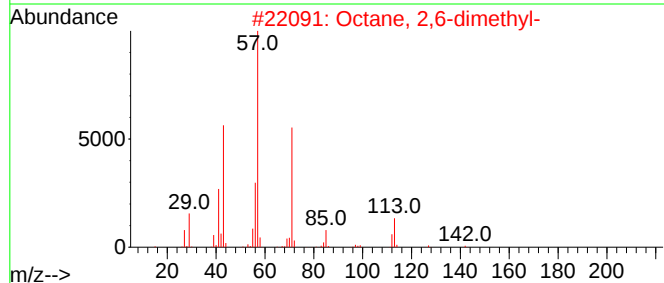
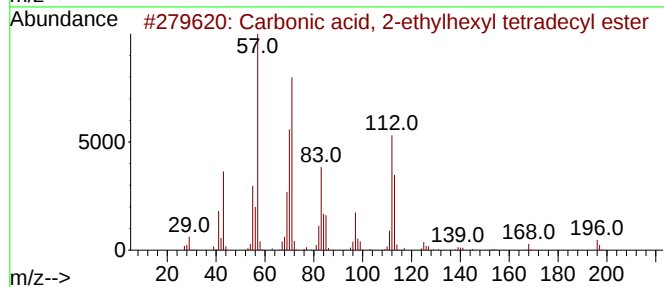
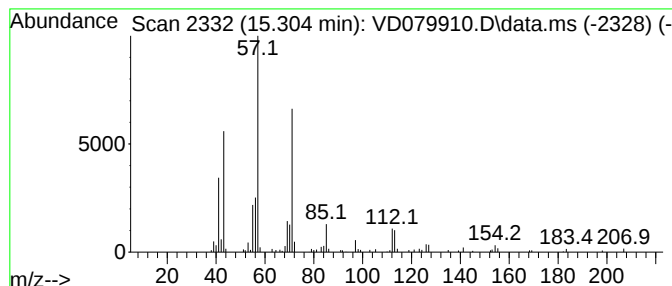
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 Carbonic acid, 2-ethylhexyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	18.75 ug/L	181822	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, 2-ethylhexyl tetr...	370	C23H46O3	1010383-14-1	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079910.D
Acq On : 26 Sep 2024 16:06
Operator : RP/MD
Sample : P4162-21
Misc : 4.94G/10ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	12.734	1.3	ug/L	12654	3	13.516	242411	25.0
unknown-01	13.157	1.5	ug/L	14572	3	13.516	242411	25.0
Decyl octyl ether	13.375	3.1	ug/L	30407	3	13.516	242411	25.0
(DEL) Alkane: S...	14.475	17.2	ug/L	166915	3	13.516	242411	25.0
Carbonic acid, ...	15.304	18.8	ug/L	181822	3	13.516	242411	25.0