

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076697.D
 Acq On : 03 Jul 2023 17:22
 Operator : KP/SY
 Sample : 03444-15RE
 Misc : 5.28G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46W0RE

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: VD076697.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.617	3	5	10	rBV2	1056	1803	0.16%	0.042%
2	1.675	13	15	17	rBV2	1313	1383	0.12%	0.032%
3	1.728	17	24	31	rBV	302264	567455	50.53%	13.186%
4	2.169	98	99	104	rBV3	2171	2461	0.22%	0.057%
5	2.428	141	143	147	rVB2	3583	3141	0.28%	0.073%
6	3.169	268	269	272	rVB2	1102	862	0.08%	0.020%
7	3.205	272	275	277	rBV3	1308	1147	0.10%	0.027%
8	3.493	323	324	327	rVB2	1403	1169	0.10%	0.027%
9	3.516	327	328	330	rBV	1475	747	0.07%	0.017%
10	3.534	330	331	334	rBV	1214	987	0.09%	0.023%
11	3.599	340	342	347	rVB2	1160	1040	0.09%	0.024%
12	3.746	363	367	370	rVB2	836	1210	0.11%	0.028%
13	3.905	387	394	403	rVB3	8955	24161	2.15%	0.561%
14	4.016	403	413	423	rBV	34650	97820	8.71%	2.273%
15	4.234	448	450	451	rBV2	1093	816	0.07%	0.019%
16	4.334	466	467	468	rBV	1484	702	0.06%	0.016%
17	4.416	479	481	483	rVV	1161	765	0.07%	0.018%
18	4.463	487	489	494	rBV2	1071	1266	0.11%	0.029%
19	4.552	502	504	506	rBV	852	816	0.07%	0.019%
20	4.610	512	514	517	rBV2	826	866	0.08%	0.020%
21	4.963	571	574	576	rBV2	1098	934	0.08%	0.022%
22	5.016	581	583	585	rBV	1155	834	0.07%	0.019%
23	5.034	585	586	588	rBV	1080	715	0.06%	0.017%
24	5.058	588	590	593	rVB2	1159	1034	0.09%	0.024%
25	5.093	593	596	597	rBV	1160	1285	0.11%	0.030%
26	5.169	607	609	610	rVV	1261	999	0.09%	0.023%
27	5.440	652	655	659	rVB2	738	1068	0.10%	0.025%
28	5.575	674	678	679	rBV	1819	1692	0.15%	0.039%
29	5.616	682	685	686	rBV2	1874	1373	0.12%	0.032%
30	5.675	693	695	696	rVB	1268	816	0.07%	0.019%
31	5.699	696	699	703	rBV2	1369	2146	0.19%	0.050%
32	5.734	703	705	709	rBV	758	877	0.08%	0.020%
33	5.905	730	734	735	rVB	816	865	0.08%	0.020%
34	5.975	743	746	747	rBV2	999	876	0.08%	0.020%
35	6.046	757	758	763	rVB	1341	804	0.07%	0.019%
36	6.099	763	767	771	rVB2	1766	2011	0.18%	0.047%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

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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	6.193	780	783	785	rBV2	994	1144	0.10%	0.027%
38	6.316	802	804	807	rVB2	1042	1045	0.09%	0.024%
39	6.346	807	809	811	rBV	991	906	0.08%	0.021%
40	6.440	823	825	827	rBV	1274	1096	0.10%	0.025%
41	6.781	881	883	884	rBV	1261	695	0.06%	0.016%
42	6.987	909	918	925	rBV2	21431	56693	5.05%	1.317%
43	7.081	925	934	943	rVB	14935	41352	3.68%	0.961%
44	7.181	949	951	955	rVB3	1446	1625	0.14%	0.038%
45	7.228	958	959	962	rVB2	1447	1116	0.10%	0.026%
46	7.334	975	977	979	rBV2	994	701	0.06%	0.016%
47	7.369	981	983	984	rVB	1835	776	0.07%	0.018%
48	7.563	1007	1016	1025	rVV3	24015	62557	5.57%	1.454%
49	7.763	1047	1050	1054	rVV2	716	1154	0.10%	0.027%
50	7.846	1062	1064	1066	rVV2	723	773	0.07%	0.018%
51	7.875	1068	1069	1073	rVB2	1739	1271	0.11%	0.030%
52	7.946	1078	1081	1083	rBV2	823	839	0.07%	0.019%
53	8.010	1089	1092	1093	rBV2	1466	1127	0.10%	0.026%
54	8.069	1101	1102	1104	rBV	833	843	0.08%	0.020%
55	8.204	1115	1125	1127	rBV	36137	81414	7.25%	1.892%
56	8.375	1151	1154	1156	rBV	1615	1607	0.14%	0.037%
57	8.487	1169	1173	1176	rVV2	1239	1586	0.14%	0.037%
58	8.598	1190	1192	1193	rVB	1239	700	0.06%	0.016%
59	8.628	1195	1197	1201	rVV4	1074	1350	0.12%	0.031%
60	8.775	1213	1222	1231	rVV2	105998	216420	19.27%	5.029%
61	8.881	1238	1240	1243	rBV2	977	1054	0.09%	0.024%
62	8.987	1255	1258	1259	rBV	1394	946	0.08%	0.022%
63	9.016	1259	1263	1264	rBV3	1733	2286	0.20%	0.053%
64	9.046	1266	1268	1270	rBV2	1169	1032	0.09%	0.024%
65	9.063	1270	1271	1278	rVB2	1524	1927	0.17%	0.045%
66	9.110	1278	1279	1281	rBV	1151	698	0.06%	0.016%
67	9.146	1281	1285	1288	rVB2	849	1423	0.13%	0.033%
68	9.204	1288	1295	1304	rBV2	34078	74320	6.62%	1.727%
69	9.263	1304	1305	1309	rBV2	2403	2357	0.21%	0.055%
70	9.351	1318	1320	1322	rBV	769	907	0.08%	0.021%
71	9.487	1341	1343	1345	rBV2	1579	1159	0.10%	0.027%
72	9.551	1351	1354	1355	rVB	1448	1006	0.09%	0.023%
73	9.569	1355	1357	1358	rBV2	1374	807	0.07%	0.019%
74	9.604	1359	1363	1366	rVB2	1153	1396	0.12%	0.032%
75	9.675	1371	1375	1376	rBV2	1366	1026	0.09%	0.024%
76	9.693	1376	1378	1380	rVV2	1196	1133	0.10%	0.026%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Peak separation: 5

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 Title : SFAM01.0

77	9.710	1380	1381	1383	rVV	1703	922	0.08%	0.021%
78	9.840	1401	1403	1407	rBV2	1844	2657	0.24%	0.062%
79	9.975	1421	1426	1434	rVB2	17892	33918	3.02%	0.788%
80	10.269	1470	1476	1482	rVV	39434	70161	6.25%	1.630%
81	10.522	1513	1519	1527	rBV4	14641	28728	2.56%	0.668%
82	10.745	1554	1557	1559	rBV2	1136	1123	0.10%	0.026%
83	10.798	1564	1566	1569	rVB2	1794	1608	0.14%	0.037%
84	10.875	1573	1579	1586	rBV2	60895	108012	9.62%	2.510%
85	11.057	1607	1610	1612	rBV2	1943	2125	0.19%	0.049%
86	11.128	1617	1622	1625	rBV3	1864	3531	0.31%	0.082%
87	11.298	1647	1651	1653	rBV3	3423	4068	0.36%	0.095%
88	11.457	1675	1678	1679	rBV2	4733	4037	0.36%	0.094%
89	11.581	1692	1699	1708	rBV	117662	212000	18.88%	4.926%
90	11.681	1708	1716	1722	rBV4	6883	14368	1.28%	0.334%
91	11.751	1726	1728	1729	rBV2	1987	1817	0.16%	0.042%
92	11.928	1756	1758	1760	rBV3	1721	1695	0.15%	0.039%
93	12.016	1770	1773	1778	rVB5	4318	7343	0.65%	0.171%
94	12.122	1781	1791	1795	rBV5	21583	60865	5.42%	1.414%
95	12.210	1803	1806	1811	rVB4	18009	25513	2.27%	0.593%
96	12.651	1877	1881	1887	rBV3	56035	93476	8.32%	2.172%
97	13.128	1959	1962	1969	rVB	108205	160843	14.32%	3.737%
98	13.257	1981	1984	1989	rBV3	43079	57829	5.15%	1.344%
99	14.816	2246	2249	2256	rVB	682736	982646	87.49%	22.833%
100	15.304	2328	2332	2338	rVB	737249	1123115	100.00%	26.097%

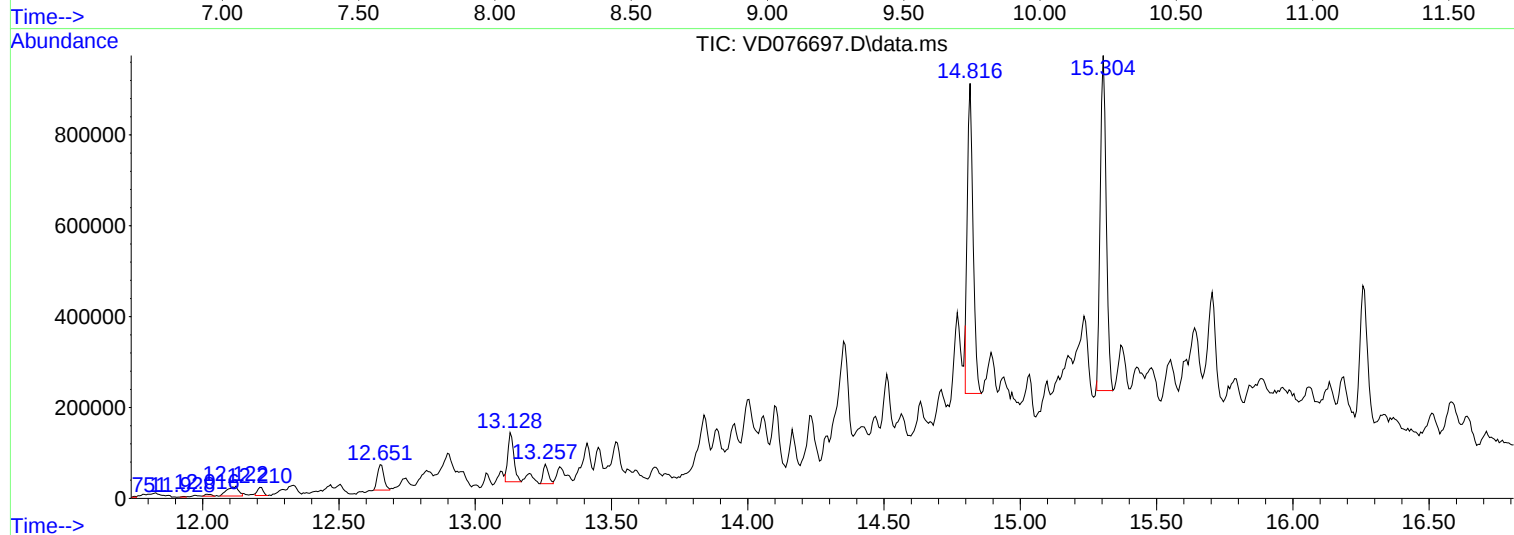
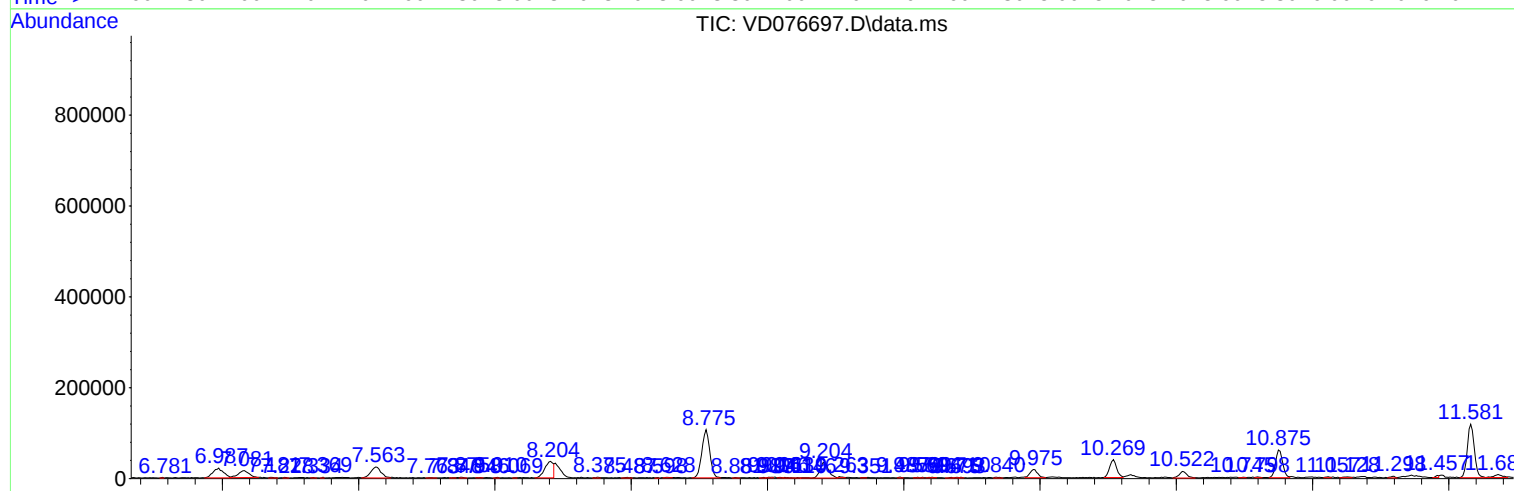
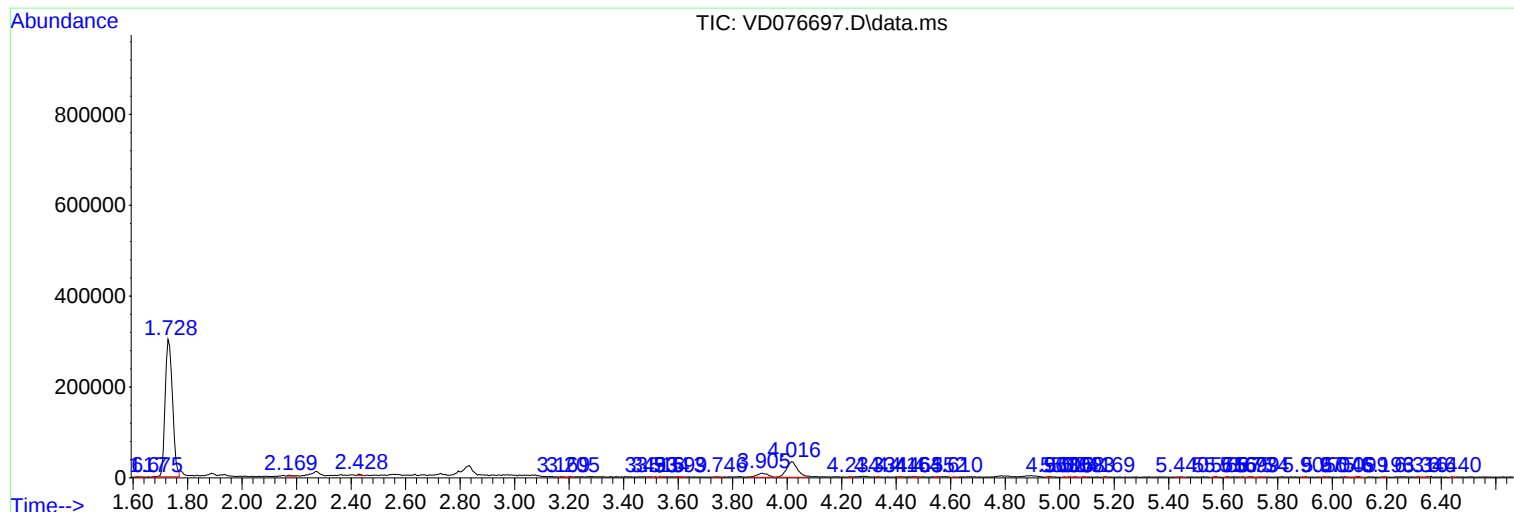
Sum of corrected areas: 4303613

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46W0RE

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



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ALS Vial : 18 Sample Multiplier: 1

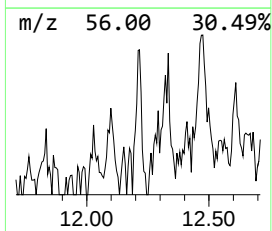
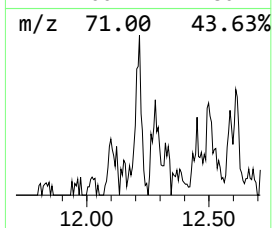
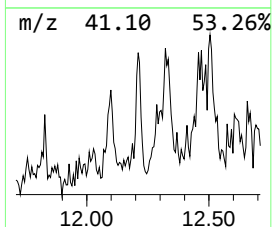
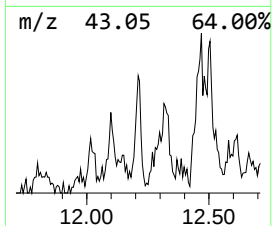
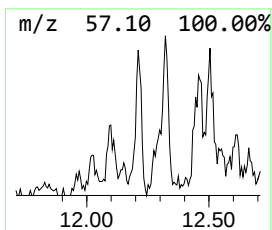
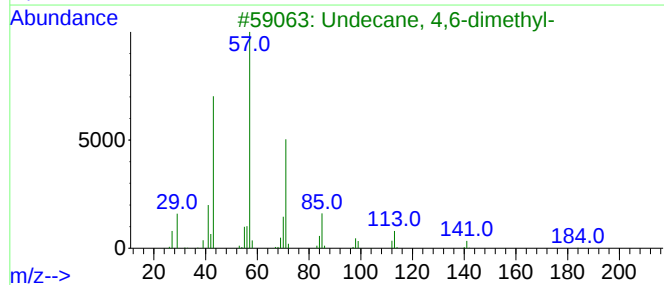
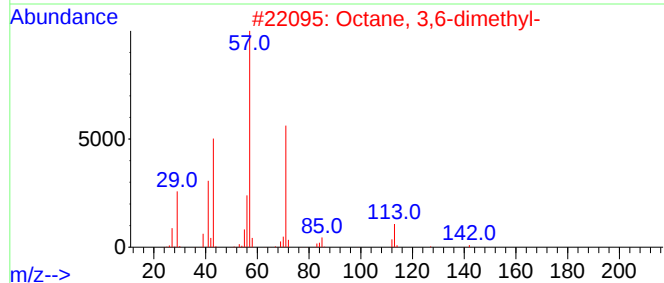
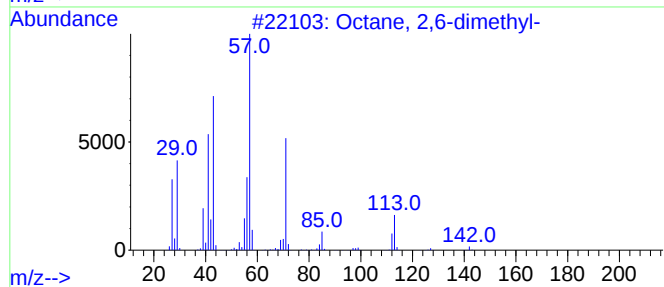
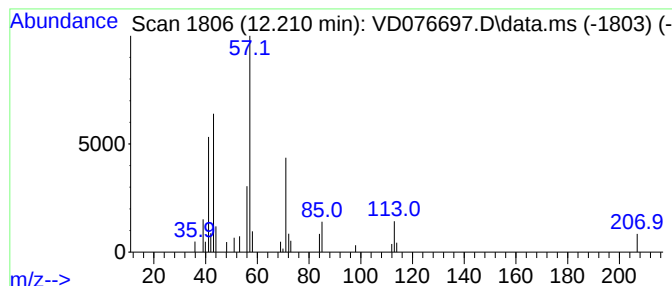
Instrument :
MSVOA_D
ClientSampleId :
A46W0RE

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 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.210	3.01 ug/L	25513	Chlorobenzene-d5	11.581	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5	Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	50



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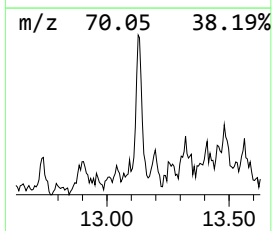
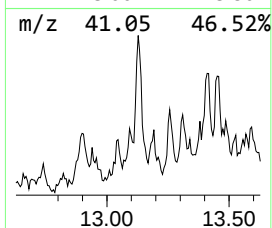
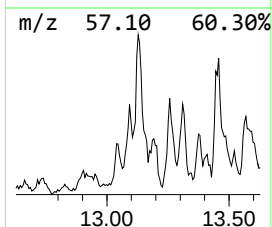
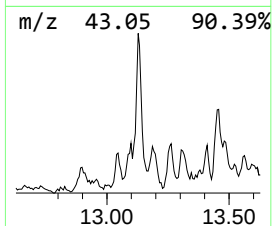
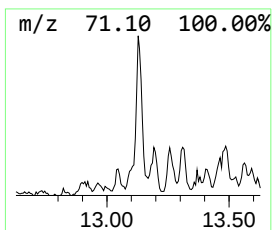
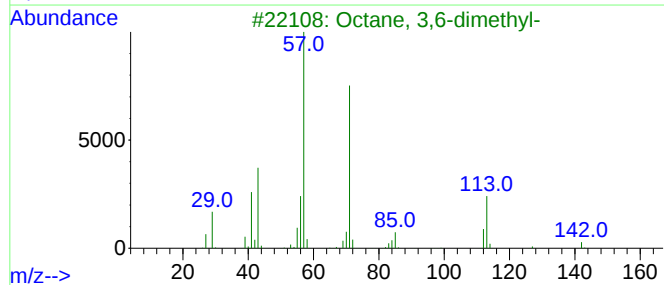
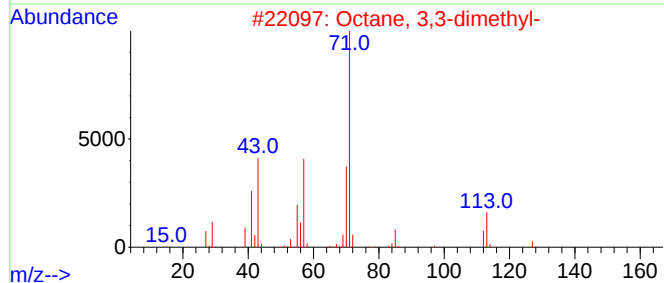
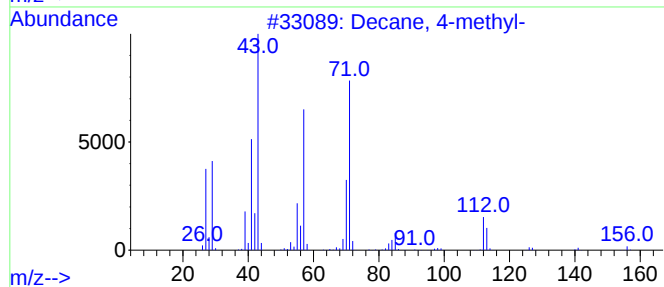
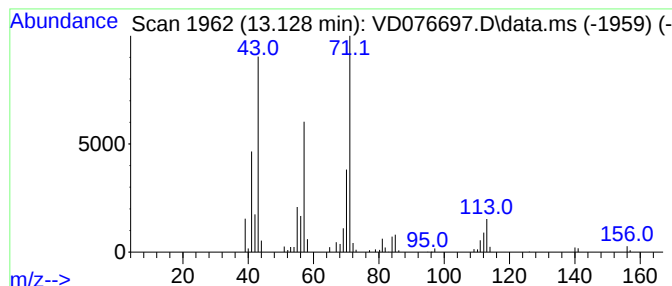
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.128	69.53 ug/L	160843	1,4-Dichlorobenzene-d4	13.516

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-methyl-	156	C11H24	002847-72-5	90
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59



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Instrument :
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ClientSampleId :
A46W0RE

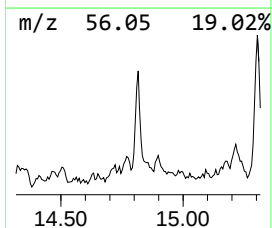
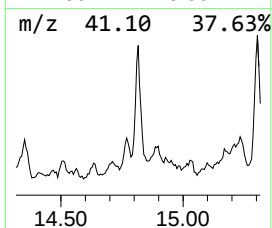
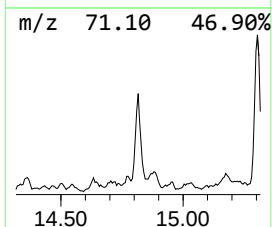
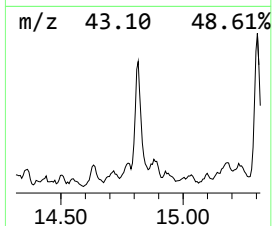
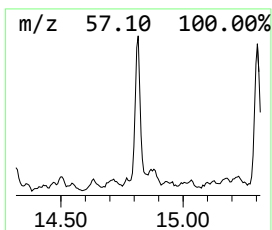
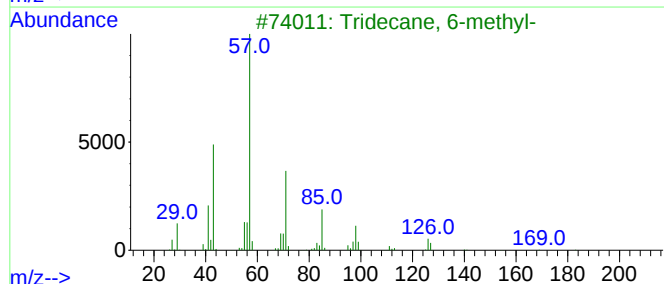
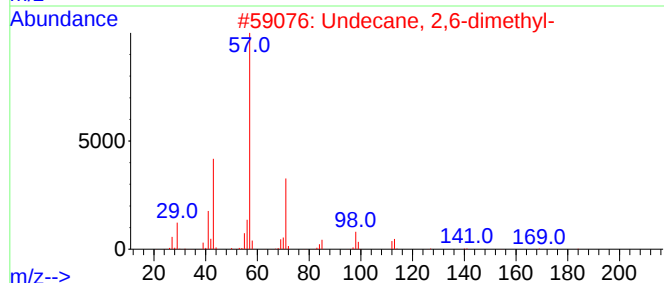
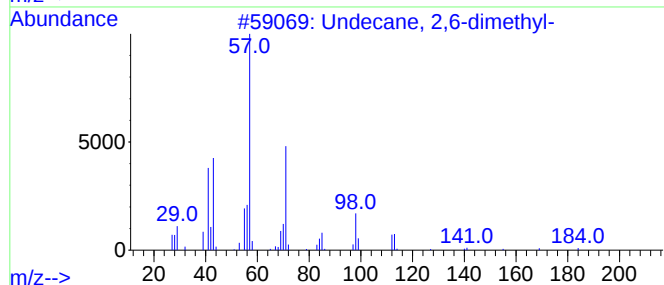
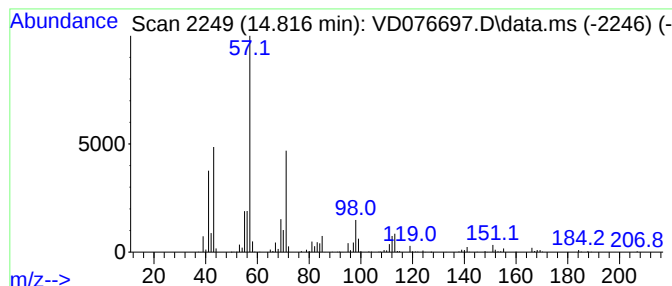
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	424.81 ug/L	982646	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	95
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	80
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076697.D
Acq On : 03 Jul 2023 17:22
Operator : KP/SY
Sample : 03444-15RE
Misc : 5.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46W0RE

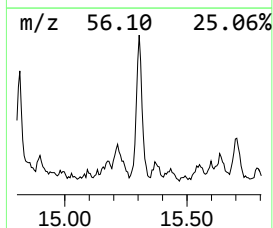
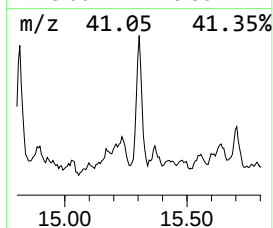
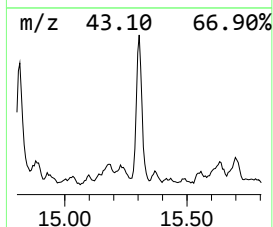
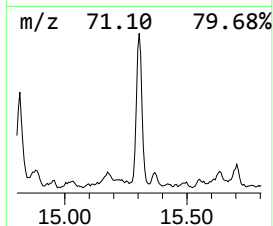
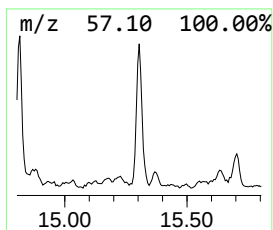
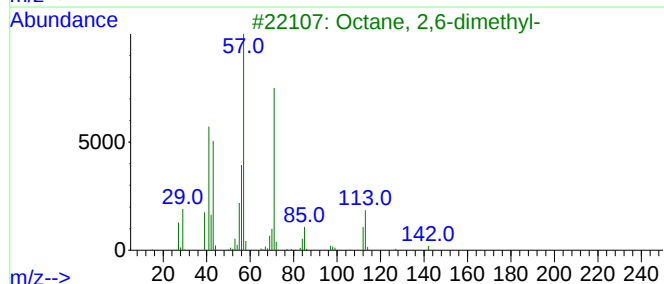
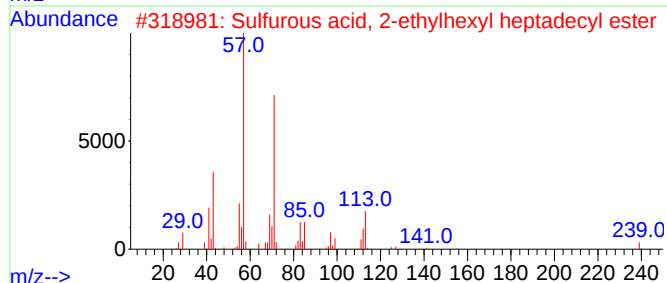
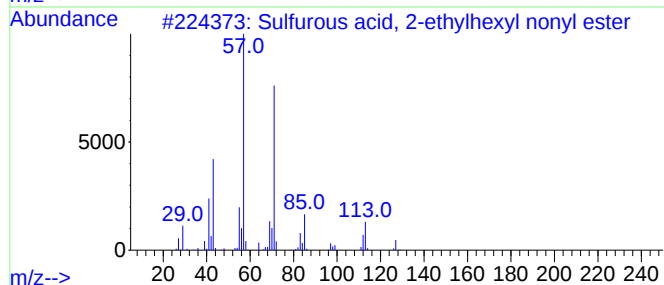
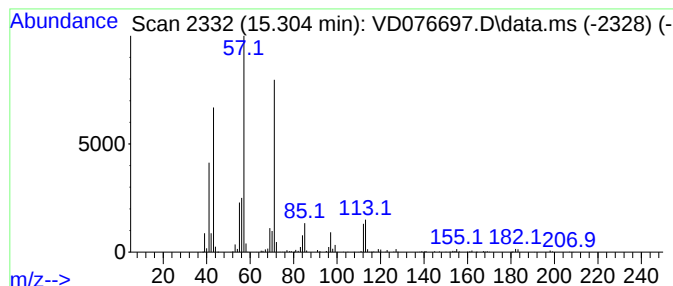
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Quant Title : SFAM01.0

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

Peak Number 6 Sulfurous acid, 2-ethylhexy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	485.53 ug/L	1123120	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	80
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	59
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076697.D
Acq On : 03 Jul 2023 17:22
Operator : KP/SY
Sample : 03444-15RE
Misc : 5.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46W0RE

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	12.210	3.0	ug/L	25513	2	11.581	212000	25.0
(DEL) Alkane: S...	13.128	69.5	ug/L	160843	3	13.516	57829	25.0
(DEL) Alkane: S...	14.816	424.8	ug/L	982646	3	13.516	57829	25.0
Sulfurous acid,...	15.304	485.5	ug/L	1123120	3	13.516	57829	25.0