

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
 Data File : VW023413.D
 Acq On : 07 Jun 2022 15:33
 Operator : SY/VA
 Sample : N3226-05
 Misc : 6.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4L6

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\SFAMWLM060622SMA.M
 Title : SFAM01.0

Signal : TIC: VW023413.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.166	37	43	49	rBV3	6086	17135	1.56%	0.203%
2	2.355	69	74	83	rVB2	163444	269496	24.46%	3.194%
3	2.885	156	161	171	rVB	73747	140182	12.72%	1.661%
4	3.025	179	184	193	rVB	73282	159447	14.47%	1.890%
5	3.385	237	243	251	rVB3	24191	57275	5.20%	0.679%
6	3.733	298	300	301	rBV	2488	1863	0.17%	0.022%
7	3.855	313	320	327	rVB4	6246	15266	1.39%	0.181%
8	4.019	337	347	361	rBV	118000	349935	31.76%	4.148%
9	4.391	407	408	410	rBV2	1145	891	0.08%	0.011%
10	4.745	462	466	467	rBV4	1010	1197	0.11%	0.014%
11	4.915	486	494	495	rBV3	12967	24464	2.22%	0.290%
12	5.269	550	552	553	rBV2	926	690	0.06%	0.008%
13	5.293	554	556	561	rVB6	1419	2058	0.19%	0.024%
14	5.440	570	580	588	rBV7	5350	19928	1.81%	0.236%
15	5.574	600	602	604	rVB2	1081	752	0.07%	0.009%
16	5.616	604	609	611	rBV6	1417	1679	0.15%	0.020%
17	5.659	614	616	618	rBV4	1533	1508	0.14%	0.018%
18	5.836	643	645	647	rBV2	628	612	0.06%	0.007%
19	6.086	682	686	690	rBV5	1108	2333	0.21%	0.028%
20	6.147	695	696	697	rBV	850	619	0.06%	0.007%
21	6.202	702	705	707	rBV3	842	985	0.09%	0.012%
22	6.866	805	814	815	rBV6	3499	6783	0.62%	0.080%
23	6.988	827	834	841	rVB8	5968	16223	1.47%	0.192%
24	7.080	841	849	860	rBV	26355	86205	7.83%	1.022%
25	7.354	893	894	895	rBV	964	607	0.06%	0.007%
26	7.397	898	901	903	rVV3	957	1147	0.10%	0.014%
27	7.458	910	911	914	rBV3	1183	851	0.08%	0.010%
28	7.482	914	915	917	rVB2	1118	798	0.07%	0.009%
29	7.543	917	925	931	rBV10	3459	12065	1.10%	0.143%
30	7.653	932	943	957	rBV	191957	477229	43.32%	5.656%
31	7.945	981	991	1000	rVV5	33831	121713	11.05%	1.443%
32	8.159	1018	1026	1032	rBV2	26085	59295	5.38%	0.703%
33	8.275	1037	1045	1060	rVV2	367904	1101657	100.00%	13.057%
34	8.695	1107	1114	1121	rBV3	14635	30588	2.78%	0.363%
35	8.841	1129	1138	1151	rBV	367378	728272	66.11%	8.632%
36	9.018	1165	1167	1170	rBV3	979	1185	0.11%	0.014%

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Integrator: RTE

Smoothing : OFF

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Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Title : SFAM01.0

37	9.146	1186	1188	1192	rBV4	850	799	0.07%	0.009%
38	9.274	1199	1209	1224	rBV	250674	529916	48.10%	6.281%
39	9.433	1233	1235	1237	rBV3	1008	826	0.07%	0.010%
40	9.506	1244	1247	1248	rBV3	1111	1180	0.11%	0.014%
41	9.640	1267	1269	1270	rBV2	872	725	0.07%	0.009%
42	9.890	1305	1310	1317	rBV9	4692	9477	0.86%	0.112%
43	9.951	1317	1320	1323	rBV4	1845	2854	0.26%	0.034%
44	10.036	1327	1334	1347	rVV	120750	226280	20.54%	2.682%
45	10.201	1359	1361	1363	rBV3	900	921	0.08%	0.011%
46	10.323	1373	1381	1387	rBV	511304	894432	81.19%	10.601%
47	10.390	1387	1392	1400	rVB	46806	86650	7.87%	1.027%
48	10.506	1407	1411	1415	rVB5	3391	4861	0.44%	0.058%
49	10.579	1417	1423	1432	rVB2	79563	139613	12.67%	1.655%
50	10.695	1439	1442	1444	rBV2	3428	4578	0.42%	0.054%
51	10.920	1473	1479	1490	rBV	102212	198105	17.98%	2.348%
52	11.030	1492	1497	1503	rVB7	10630	21050	1.91%	0.249%
53	11.164	1516	1519	1520	rBV3	1337	1322	0.12%	0.016%
54	11.298	1539	1541	1543	rVB3	1506	869	0.08%	0.010%
55	11.628	1587	1595	1604	rBV	468783	798210	72.46%	9.461%
56	11.731	1607	1612	1620	rVB	15673	27373	2.48%	0.324%
57	11.835	1620	1629	1639	rBV	47828	94339	8.56%	1.118%
58	11.993	1653	1655	1658	rBV4	1706	2545	0.23%	0.030%
59	12.042	1661	1663	1664	rBV2	979	975	0.09%	0.012%
60	12.103	1672	1673	1675	rBV2	1405	953	0.09%	0.011%
61	12.164	1677	1683	1692	rVV	23909	42946	3.90%	0.509%
62	12.243	1692	1696	1699	rVB6	1317	1794	0.16%	0.021%
63	12.268	1699	1700	1703	rBV3	755	837	0.08%	0.010%
64	12.335	1707	1711	1715	rVV7	1686	2577	0.23%	0.031%
65	12.371	1715	1717	1718	rVB2	1525	830	0.08%	0.010%
66	12.463	1728	1732	1736	rBV5	2038	3533	0.32%	0.042%
67	12.512	1736	1740	1742	rBV5	1507	2359	0.21%	0.028%
68	12.554	1742	1747	1751	rBV3	12984	23765	2.16%	0.282%
69	12.688	1763	1769	1777	rBV	206390	335529	30.46%	3.977%
70	12.865	1792	1798	1801	rBV2	9425	15759	1.43%	0.187%
71	13.060	1828	1830	1831	rVV2	1439	882	0.08%	0.010%
72	13.103	1833	1837	1841	rVB3	4362	6575	0.60%	0.078%
73	13.140	1841	1843	1844	rBV2	1080	813	0.07%	0.010%
74	13.249	1855	1861	1866	rVB	14950	25725	2.34%	0.305%
75	13.341	1872	1876	1877	rBV3	1089	1079	0.10%	0.013%
76	13.554	1904	1911	1924	rBV	365109	603987	54.83%	7.159%

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 Title : SFAM01.0

77	13.743	1940	1942	1943	rBV2	3742	3087	0.28%	0.037%
78	13.853	1953	1960	1973	rVB	331438	564359	51.23%	6.689%
79	14.261	2025	2027	2029	rBV3	926	1017	0.09%	0.012%
80	14.322	2033	2037	2038	rBV2	2521	2812	0.26%	0.033%
81	14.450	2055	2058	2064	rVB6	2614	4463	0.41%	0.053%
82	14.682	2094	2096	2100	rBV5	1466	1644	0.15%	0.019%
83	14.877	2127	2128	2131	rBV3	798	687	0.06%	0.008%
84	15.054	2154	2157	2158	rBV3	2215	2544	0.23%	0.030%
85	15.103	2163	2165	2167	rVB3	2233	1680	0.15%	0.020%
86	15.127	2167	2169	2173	rBV4	1365	1905	0.17%	0.023%
87	15.194	2178	2180	2183	rBV3	911	977	0.09%	0.012%
88	15.267	2189	2192	2194	rBV4	1144	1330	0.12%	0.016%
89	15.316	2198	2200	2201	rVV2	1574	980	0.09%	0.012%
90	15.371	2203	2209	2215	rVB9	1389	4339	0.39%	0.051%
91	15.481	2224	2227	2233	rBV7	1863	3158	0.29%	0.037%
92	15.590	2244	2245	2248	rVB3	1114	916	0.08%	0.011%
93	15.670	2256	2258	2259	rBV2	1261	905	0.08%	0.011%
94	15.785	2276	2277	2280	rBV3	1395	1239	0.11%	0.015%
95	15.883	2291	2293	2295	rBV2	1101	958	0.09%	0.011%
96	15.938	2300	2302	2304	rBV3	1455	1398	0.13%	0.017%
97	16.480	2390	2391	2393	rBV2	1077	761	0.07%	0.009%
98	16.627	2412	2415	2417	rBV4	2468	2671	0.24%	0.032%
99	16.761	2433	2437	2438	rBV3	1113	1035	0.09%	0.012%
100	16.779	2438	2440	2441	rBV2	1541	1492	0.14%	0.018%

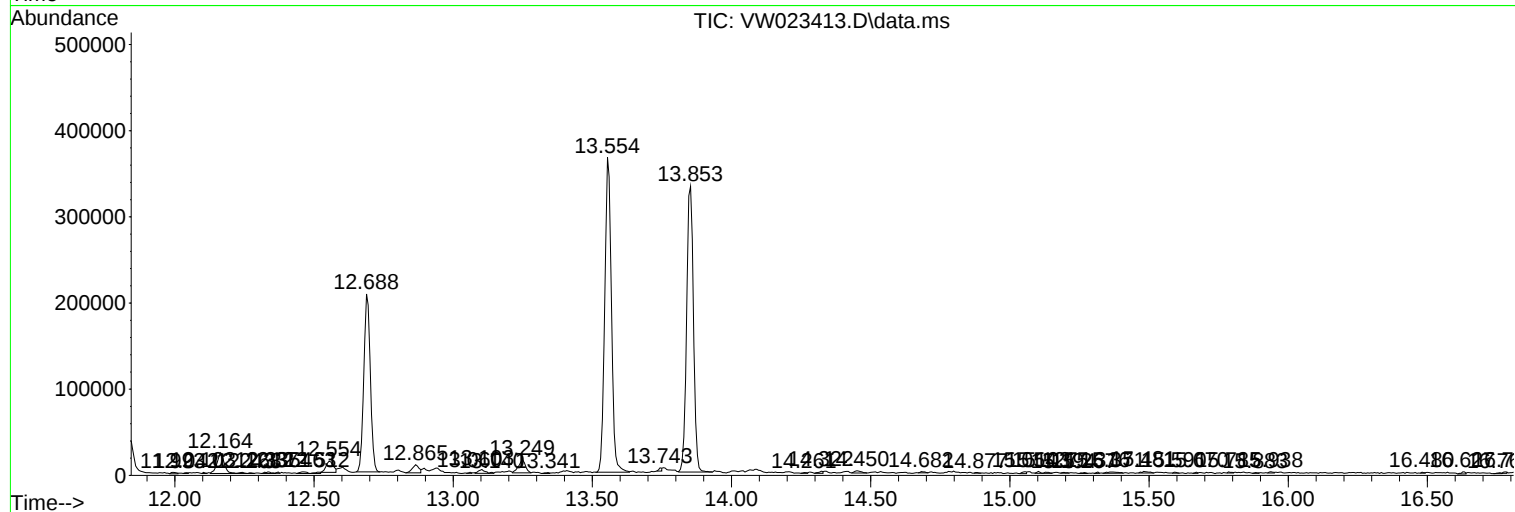
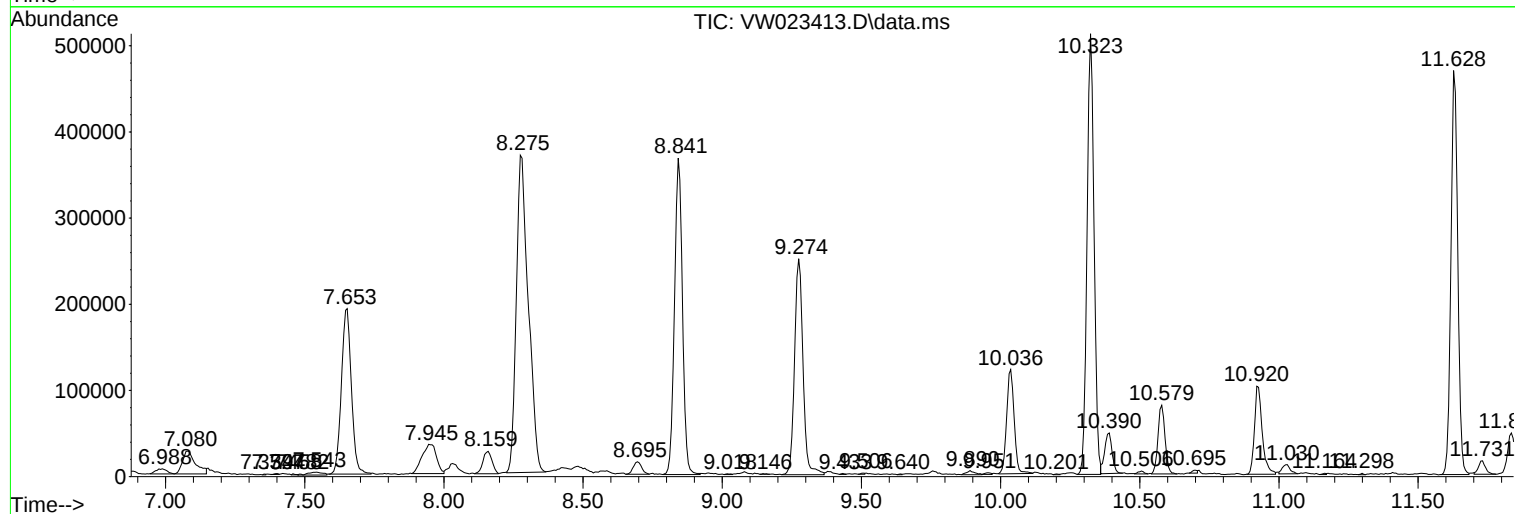
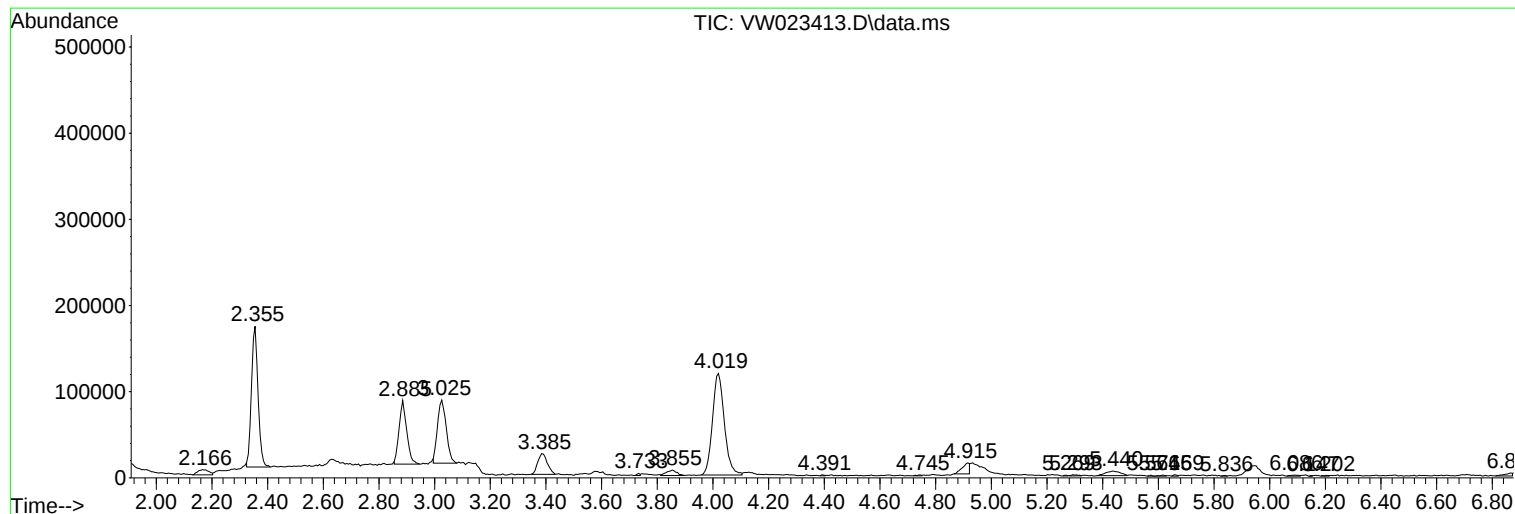
Sum of corrected areas: 8437133

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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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ClientSampleId :
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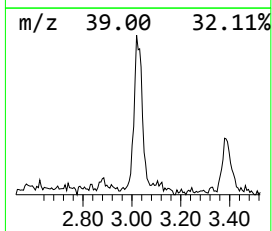
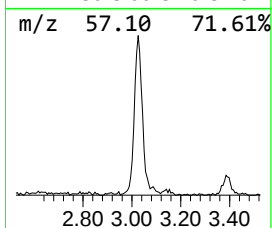
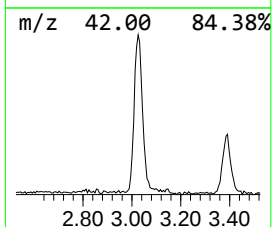
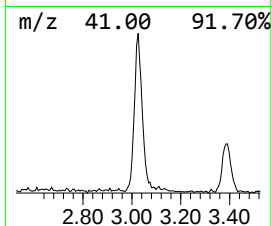
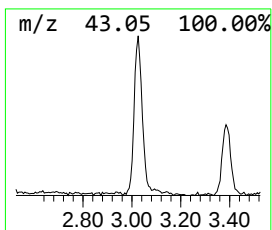
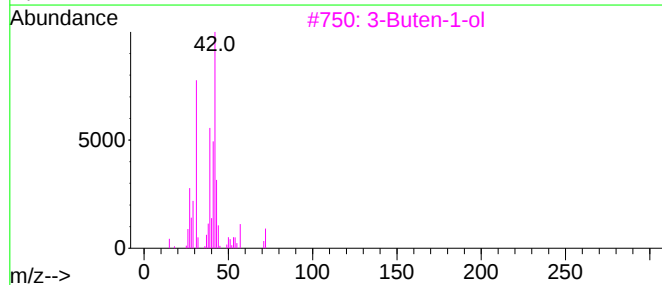
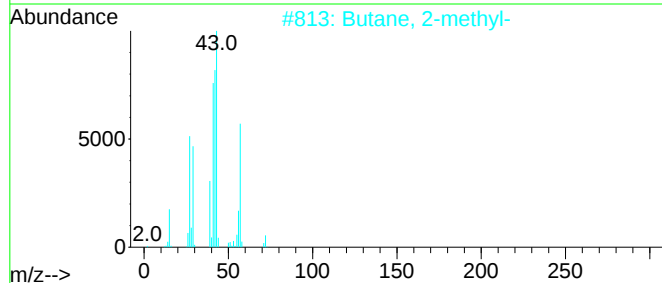
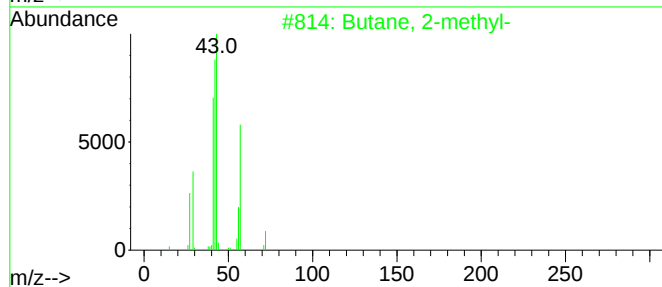
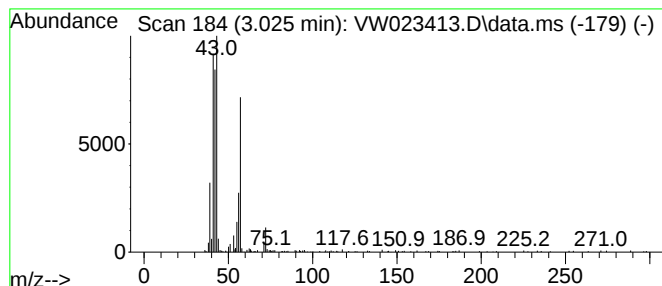
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.025	5.47 ug/L	159447	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	90
2	Butane, 2-methyl-			72	C5H12	000078-78-4	83
3	3-Buten-1-ol			72	C4H8O	000627-27-0	43
4	Propane, 1-chloro-2-methyl-			92	C4H9Cl	000513-36-0	40
5	Pentane			72	C5H12	000109-66-0	36



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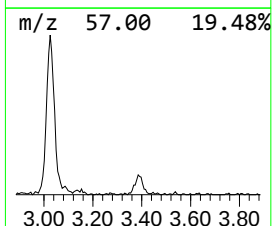
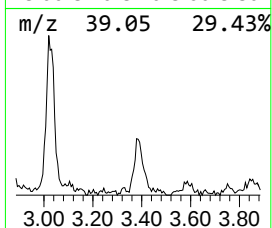
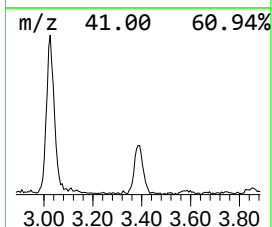
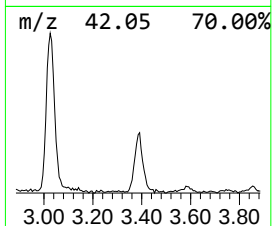
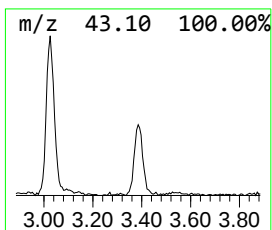
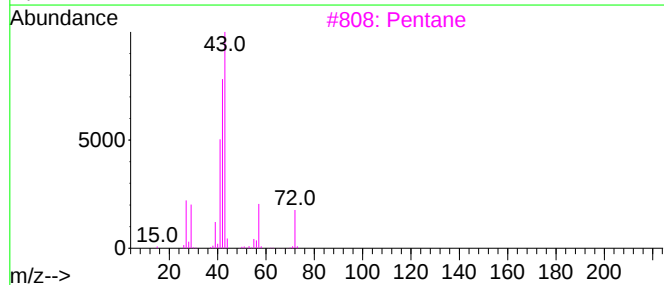
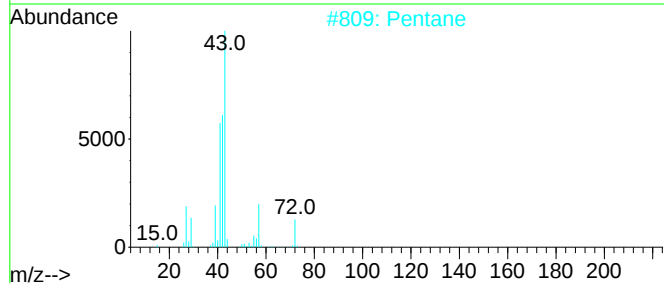
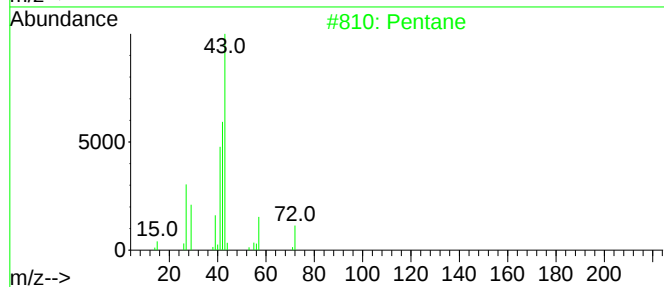
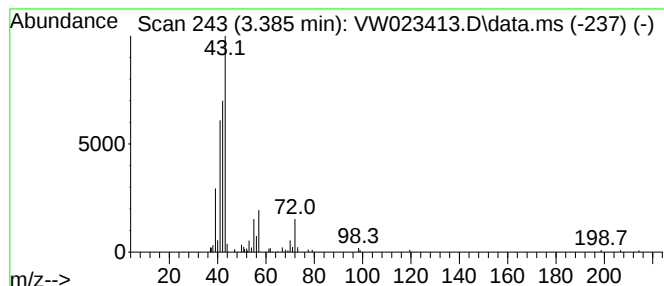
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.385	1.97 ug/L	57275	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	64
2	Pentane			72	C5H12	000109-66-0	64
3	Pentane			72	C5H12	000109-66-0	59
4	Pentane			72	C5H12	000109-66-0	59
5	Oxirane, ethyl-			72	C4H8O	000106-88-7	43



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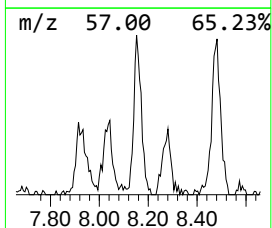
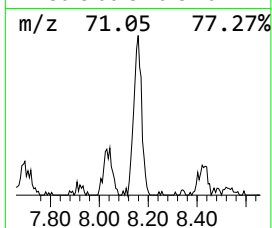
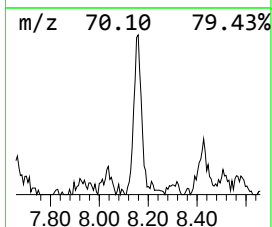
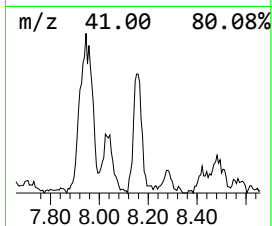
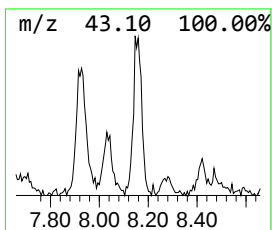
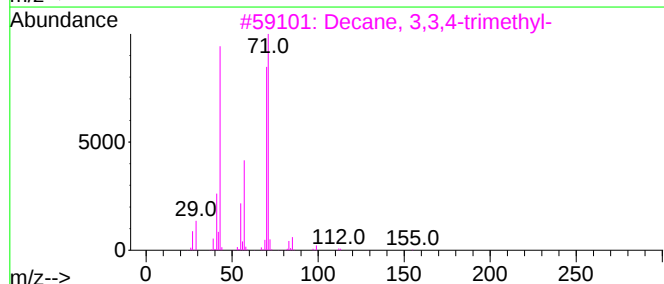
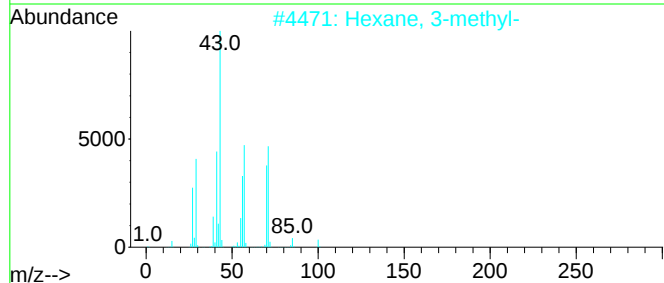
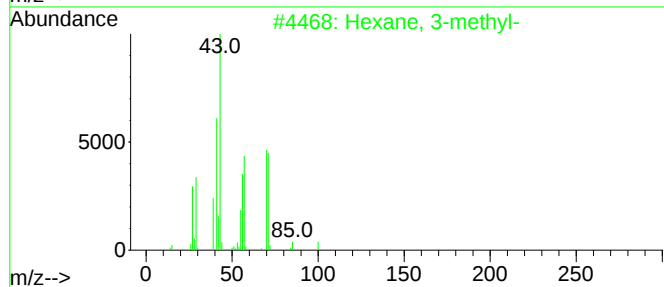
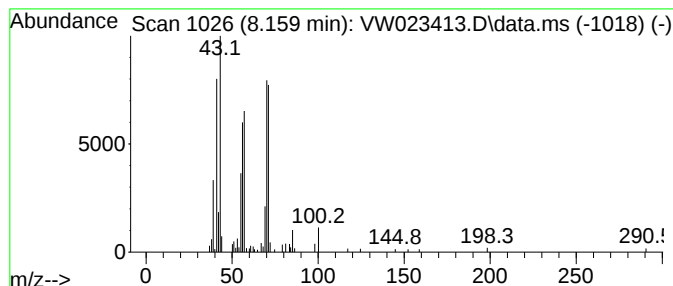
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	2.04 ug/L	59295	1,4-Difluorobenzene	8.841

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	86
3		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
4		Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	59
5		3,4-Diethyl hexane	142	C10H22	019398-77-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
Data File : VW023413.D
Acq On : 07 Jun 2022 15:33
Operator : SY/VA
Sample : N3226-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4L6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.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...	3.025	5.5	ug/L	159447	1	8.841	728272	25.0
(DEL) Alkane: S...	3.385	2.0	ug/L	57275	1	8.841	728272	25.0
(DEL) Alkane: S...	8.159	2.0	ug/L	59295	1	8.841	728272	25.0