

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
 Data File : VW025509.D
 Acq On : 30 Mar 2023 17:48
 Operator : SY/MD
 Sample : 02130-09
 Misc : 5.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C1198

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\SFAMWLM030623SMA.M
 Title : SFAM01.0

Signal : TIC: VW025509.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.174	45	47	54	rVB	20900	31595	0.37%	0.115%
2	2.363	72	78	89	rVB	152396	341066	4.03%	1.246%
3	2.893	159	165	180	rVB	87053	231338	2.73%	0.845%
4	3.033	182	188	198	rVB	47097	119215	1.41%	0.436%
5	3.277	226	228	230	rBV3	1810	2375	0.03%	0.009%
6	3.314	232	234	236	rVV3	2982	2944	0.03%	0.011%
7	3.393	240	247	257	rVV	73589	177444	2.10%	0.648%
8	3.576	276	277	279	rBV2	1895	2002	0.02%	0.007%
9	3.686	291	295	296	rBV4	1837	2047	0.02%	0.007%
10	3.734	301	303	307	rVV5	2761	3432	0.04%	0.013%
11	3.771	307	309	311	rVV3	2361	2199	0.03%	0.008%
12	3.856	315	323	327	rBV5	10205	25206	0.30%	0.092%
13	4.021	339	350	363	rBV2	221801	713549	8.43%	2.607%
14	4.381	405	409	413	rBV5	4264	9057	0.11%	0.033%
15	4.496	425	428	431	rBV5	2863	3654	0.04%	0.013%
16	4.624	445	449	452	rVB6	1729	3181	0.04%	0.012%
17	4.728	463	466	469	rBV5	1292	1939	0.02%	0.007%
18	4.771	469	473	476	rBV6	1741	2427	0.03%	0.009%
19	4.929	486	499	501	rBV2	43856	131203	1.55%	0.479%
20	5.362	568	570	572	rVB3	2234	1903	0.02%	0.007%
21	5.441	572	583	594	rBV3	25442	94087	1.11%	0.344%
22	5.514	594	595	601	rVB6	2445	2952	0.03%	0.011%
23	5.655	617	618	623	rBV5	1447	1895	0.02%	0.007%
24	5.722	626	629	630	rBV3	1817	2389	0.03%	0.009%
25	5.764	630	636	639	rBV8	2775	6215	0.07%	0.023%
26	5.941	650	665	678	rBV3	52806	170767	2.02%	0.624%
27	6.118	689	694	696	rBV6	2023	3374	0.04%	0.012%
28	6.216	704	710	712	rBV7	2328	3525	0.04%	0.013%
29	6.289	718	722	727	rBV8	2991	6202	0.07%	0.023%
30	6.557	762	766	769	rBV6	1497	2768	0.03%	0.010%
31	6.697	782	789	791	rBV7	1941	4965	0.06%	0.018%
32	6.728	791	794	801	rVB9	3416	6842	0.08%	0.025%
33	6.837	807	812	813	rBV5	1876	2368	0.03%	0.009%
34	6.904	820	823	824	rBV3	2304	1857	0.02%	0.007%
35	6.984	828	836	843	rBV8	6705	17323	0.20%	0.063%
36	7.075	843	851	859	rBV	88264	255181	3.02%	0.932%

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Integrator: RTE

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 Title : SFAM01.0

37	7.429	907	909	915	rVB7	1971	2232	0.03%	0.008%
38	7.471	915	916	919	rBV3	1869	1914	0.02%	0.007%
39	7.526	919	925	929	rBV9	2490	6020	0.07%	0.022%
40	7.648	935	945	957	rBV	457191	1103265	13.04%	4.031%
41	7.825	972	974	976	rBV3	2734	2978	0.04%	0.011%
42	7.843	976	977	982	rVV5	3320	3459	0.04%	0.013%
43	7.923	984	990	1000	rVV2	23963	54752	0.65%	0.200%
44	8.032	1000	1008	1018	rVB5	13091	36662	0.43%	0.134%
45	8.154	1018	1028	1036	rBV2	46363	103398	1.22%	0.378%
46	8.276	1036	1048	1065	rBV2	891576	2658616	31.42%	9.713%
47	8.423	1066	1072	1079	rVB5	8892	20799	0.25%	0.076%
48	8.520	1081	1088	1089	rBV7	4173	8323	0.10%	0.030%
49	8.581	1097	1098	1100	rBV2	2008	1958	0.02%	0.007%
50	8.691	1109	1116	1126	rVB	44854	96202	1.14%	0.351%
51	8.843	1132	1141	1161	rBV	921373	1859712	21.98%	6.795%
52	8.989	1161	1165	1169	rBV7	3168	4284	0.05%	0.016%
53	9.093	1172	1182	1190	rBV	155325	319417	3.78%	1.167%
54	9.178	1194	1196	1199	rBV4	2381	2635	0.03%	0.010%
55	9.270	1203	1211	1226	rBV	652801	1331261	15.73%	4.864%
56	9.465	1241	1243	1246	rBV4	2149	2560	0.03%	0.009%
57	9.514	1246	1251	1258	rVB10	7065	13969	0.17%	0.051%
58	9.642	1269	1272	1273	rBV3	2031	2087	0.02%	0.008%
59	9.660	1273	1275	1276	rBV2	2910	2772	0.03%	0.010%
60	9.752	1285	1290	1294	rBV6	7500	13402	0.16%	0.049%
61	9.849	1302	1306	1307	rBV3	2392	2538	0.03%	0.009%
62	9.892	1309	1313	1319	rVB5	11264	18451	0.22%	0.067%
63	9.953	1319	1323	1326	rBV3	19041	29950	0.35%	0.109%
64	10.032	1330	1336	1342	rVV	283332	497085	5.87%	1.816%
65	10.099	1343	1347	1350	rVV2	20397	28050	0.33%	0.102%
66	10.178	1358	1360	1363	rVB4	2457	2934	0.03%	0.011%
67	10.245	1368	1371	1375	rBV6	3687	4922	0.06%	0.018%
68	10.325	1375	1384	1393	rBV	1103211	1990234	23.52%	7.271%
69	10.501	1408	1413	1419	rVB	40035	68860	0.81%	0.252%
70	10.575	1419	1425	1437	rBV	182040	325585	3.85%	1.190%
71	10.696	1440	1445	1452	rBV2	14522	29854	0.35%	0.109%
72	10.861	1464	1472	1478	rBV	4962459	8461213	100.00%	30.913%
73	10.922	1478	1482	1496	rVB	307201	533341	6.30%	1.949%
74	11.288	1536	1542	1546	rVB9	5404	10279	0.12%	0.038%
75	11.404	1553	1561	1573	rBV5	21535	70860	0.84%	0.259%
76	11.507	1573	1578	1589	rVB	25969	56175	0.66%	0.205%

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 Title : SFAM01.0

77	11.629	1591	1598	1606	rVB	1092422	1822363	21.54%	6.658%
78	11.727	1610	1614	1619	rVB8	8038	14483	0.17%	0.053%
79	11.837	1628	1632	1638	rVB2	16279	26488	0.31%	0.097%
80	12.361	1716	1718	1719	rBV2	2577	1788	0.02%	0.007%
81	12.605	1753	1758	1763	rBV2	25207	42638	0.50%	0.156%
82	12.690	1766	1772	1779	rVB	456675	744232	8.80%	2.719%
83	12.928	1806	1811	1818	rVB10	9069	17197	0.20%	0.063%
84	13.038	1818	1829	1830	rBV10	13636	33727	0.40%	0.123%
85	13.556	1907	1914	1922	rBV	771419	1210037	14.30%	4.421%
86	13.848	1955	1962	1972	rBV	666628	1100412	13.01%	4.020%
87	14.025	1989	1991	1992	rBV2	3109	2544	0.03%	0.009%
88	14.062	1992	1997	2005	rVB	20502	40359	0.48%	0.147%
89	14.415	2051	2055	2061	rVB2	27085	40968	0.48%	0.150%
90	14.543	2074	2076	2080	rBV5	2351	2641	0.03%	0.010%
91	14.629	2088	2090	2094	rBV5	2923	3849	0.05%	0.014%
92	14.720	2101	2105	2108	rBV6	3914	5953	0.07%	0.022%
93	14.946	2140	2142	2144	rBV3	2610	1861	0.02%	0.007%
94	15.208	2182	2185	2191	rVV8	6042	13547	0.16%	0.049%
95	15.427	2217	2221	2226	rVB	25026	39100	0.46%	0.143%
96	15.482	2226	2230	2234	rVB	9386	15506	0.18%	0.057%
97	15.787	2276	2280	2285	rVB7	5890	9579	0.11%	0.035%
98	16.074	2324	2327	2328	rBV3	2649	2311	0.03%	0.008%
99	16.317	2364	2367	2368	rBV3	2785	2436	0.03%	0.009%
100	16.653	2419	2422	2425	rVV4	2391	3308	0.04%	0.012%

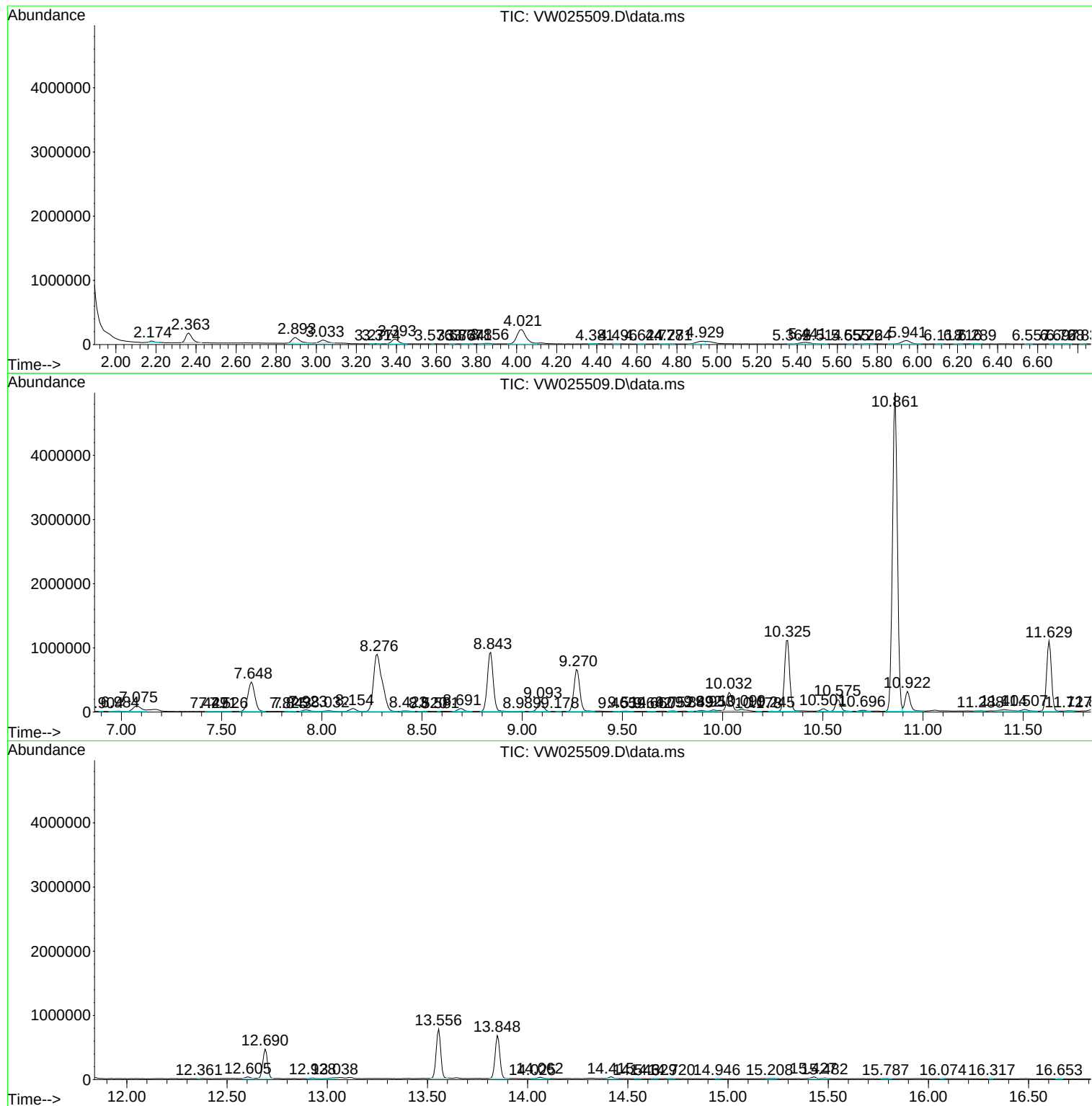
Sum of corrected areas: 27370821

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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



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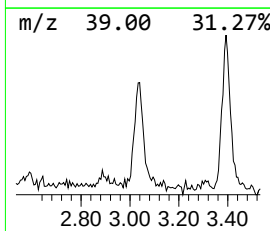
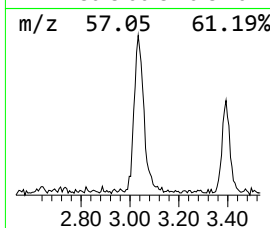
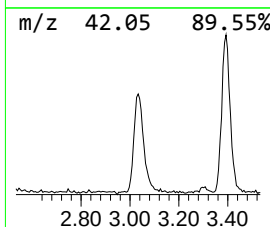
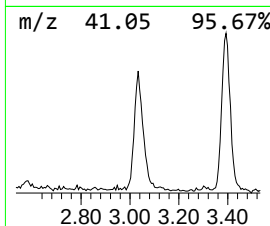
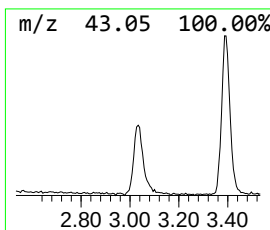
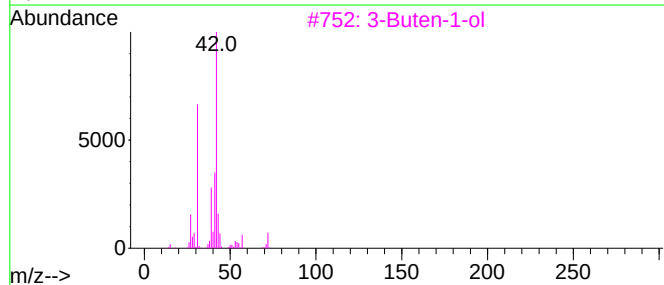
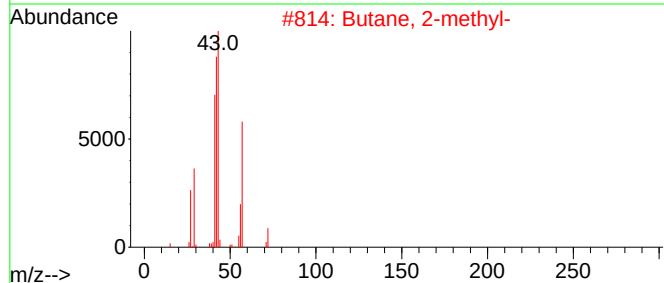
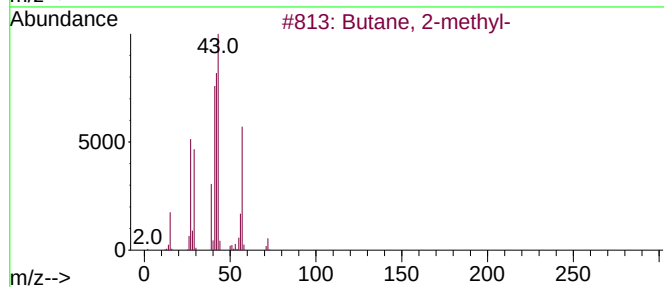
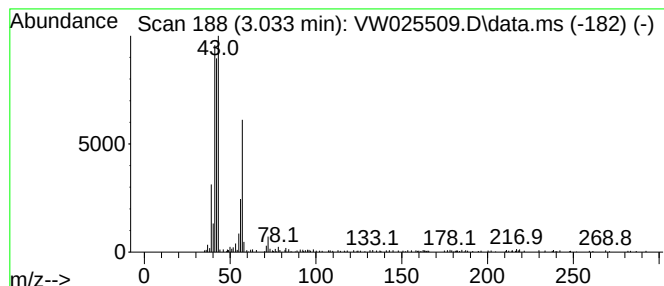
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.033	1.60 ug/L	119215	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	86
2	Butane, 2-methyl-			72	C5H12	000078-78-4	72
3	3-Buten-1-ol			72	C4H8O	000627-27-0	47
4	3-Buten-1-ol			72	C4H8O	000627-27-0	38
5	Butane, 2-chloro-3-methyl-			106	C5H11Cl	000631-65-2	36



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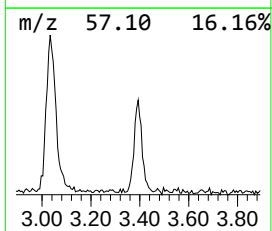
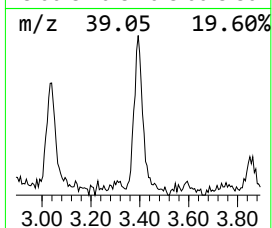
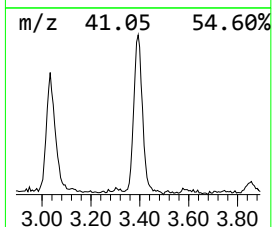
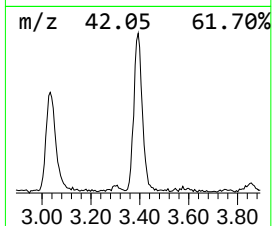
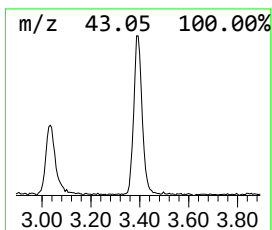
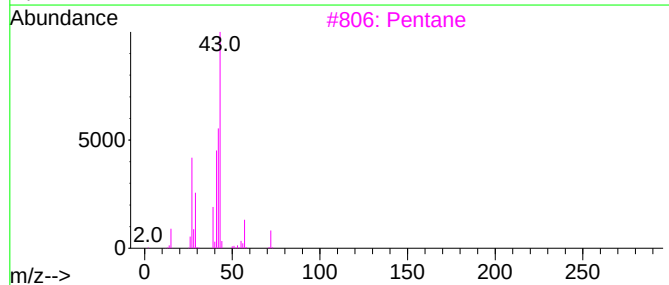
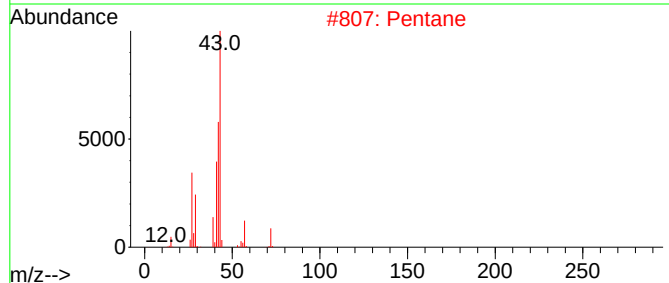
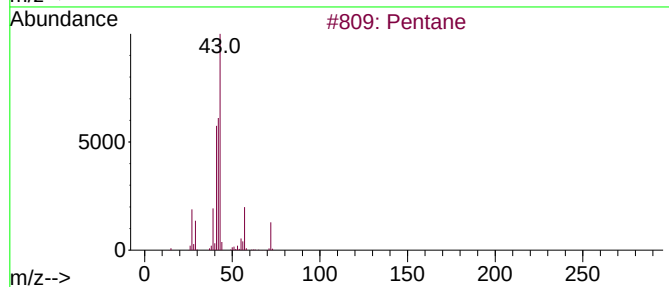
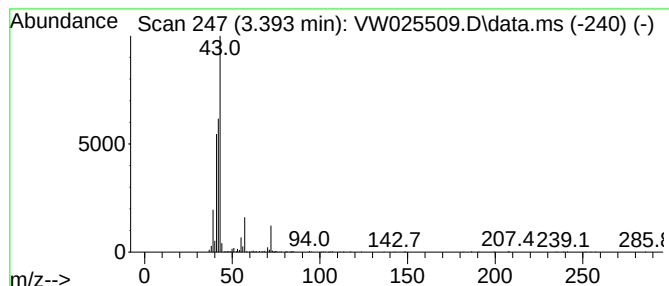
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	2.39 ug/L	177444	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	83
2	Pentane			72	C5H12	000109-66-0	80
3	Pentane			72	C5H12	000109-66-0	80
4	Pentane			72	C5H12	000109-66-0	80
5	Pentane			72	C5H12	000109-66-0	59



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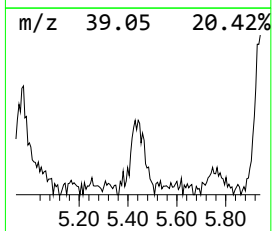
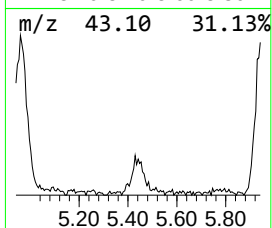
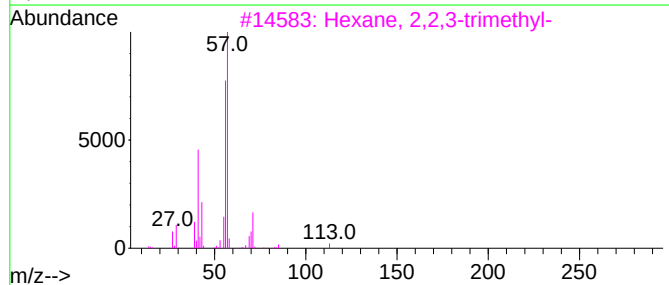
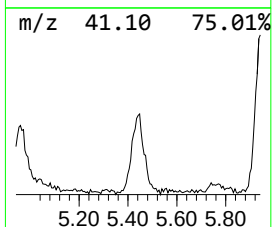
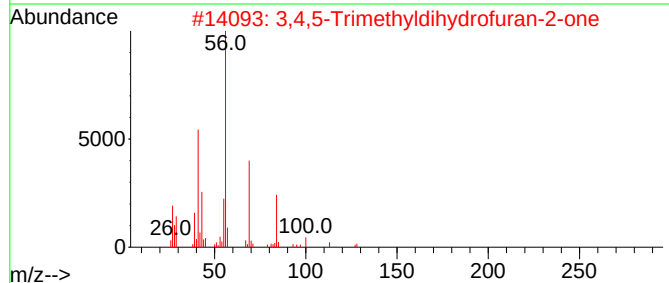
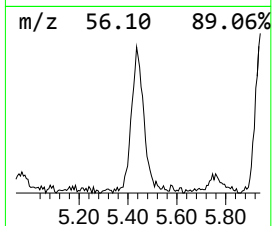
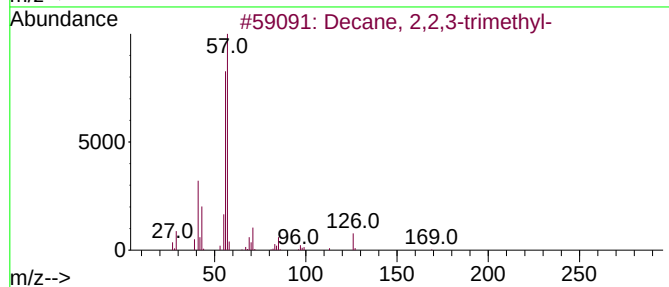
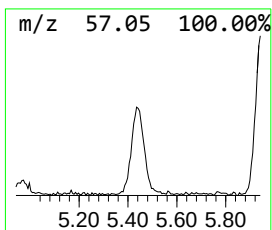
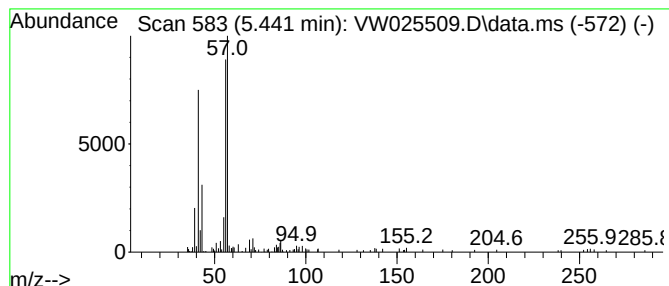
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.441	1.26 ug/L	94087	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	59
2			3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	50
3			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	45
4			Pentane, 3-methyl-	86	C6H14	000096-14-0	45
5			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025509.D
Acq On : 30 Mar 2023 17:48
Operator : SY/MD
Sample : 02130-09
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1198

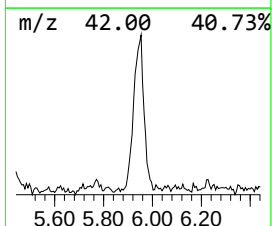
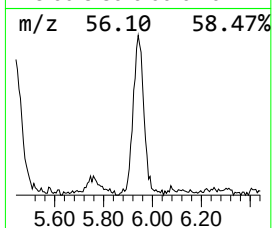
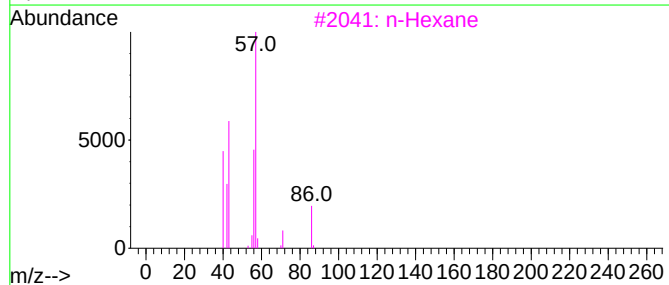
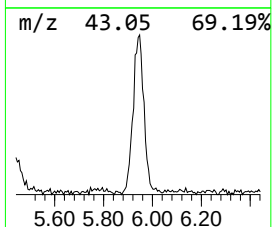
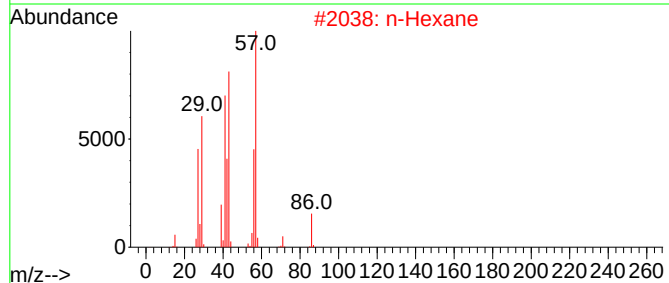
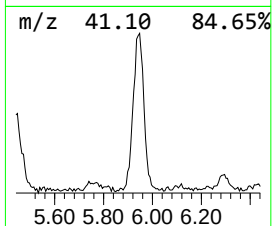
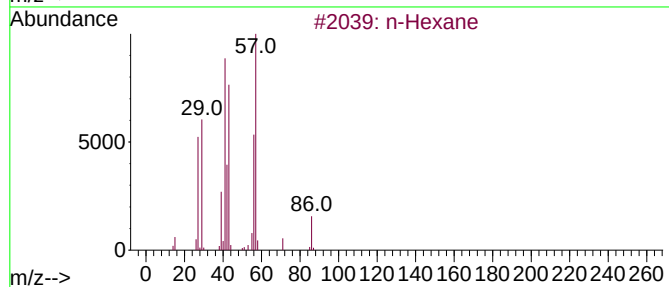
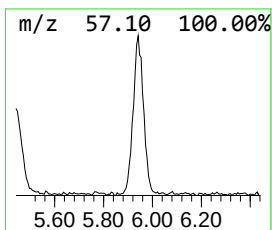
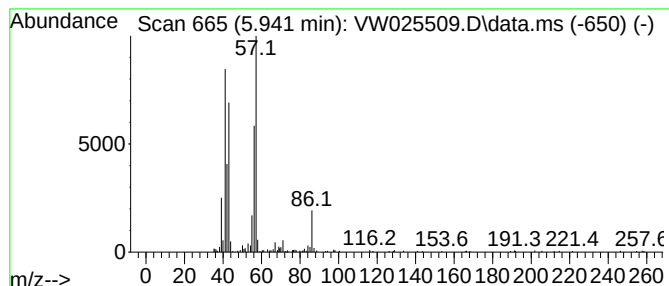
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Quant Title : SFAM01.0

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.
5.941	2.30 ug/L	170767	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	90
2	n-Hexane			86	C6H14	000110-54-3	86
3	n-Hexane			86	C6H14	000110-54-3	72
4	n-Hexane			86	C6H14	000110-54-3	64
5	1-Pentene, 4-methyl-			84	C6H12	000691-37-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025509.D
Acq On : 30 Mar 2023 17:48
Operator : SY/MD
Sample : 02130-09
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1198

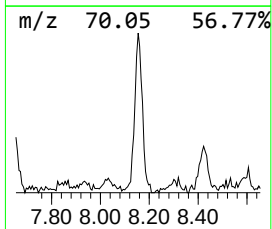
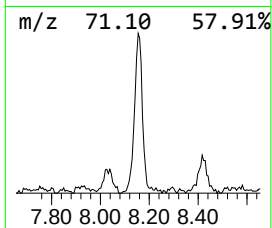
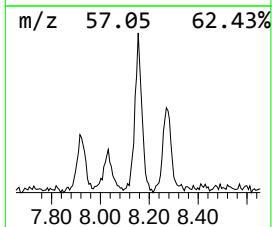
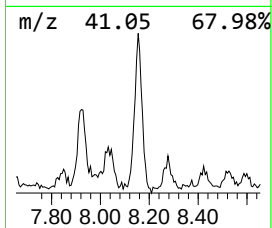
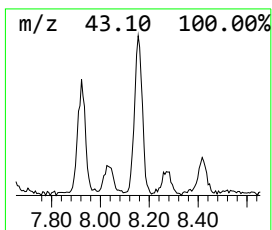
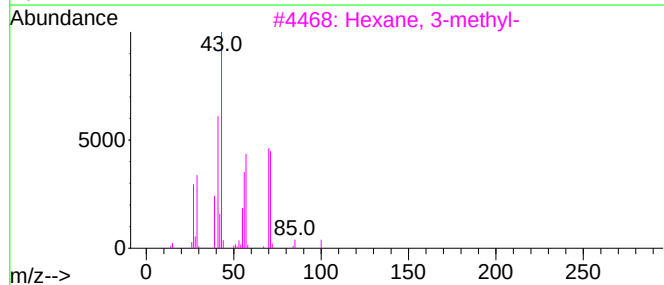
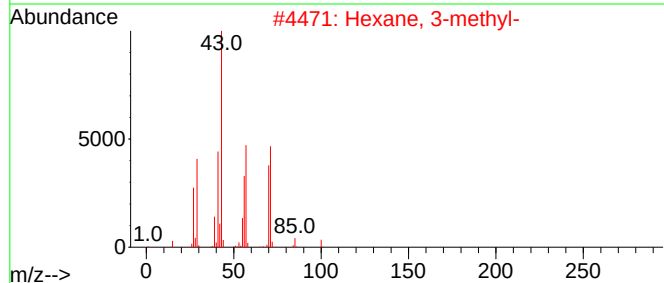
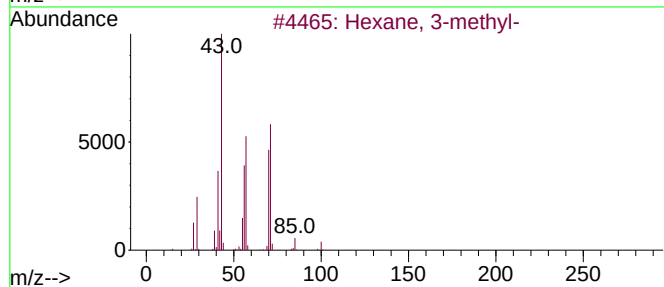
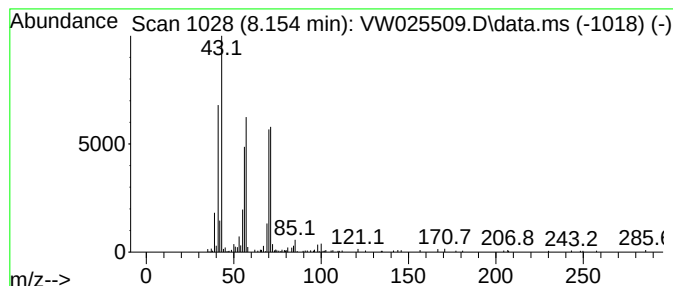
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	1.39 ug/L	103398	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-		100	C7H16	000589-34-4	90
2	Hexane, 3-methyl-		100	C7H16	000589-34-4	68
3	Hexane, 3-methyl-		100	C7H16	000589-34-4	64
4	Heptane, 4-methyl-		114	C8H18	000589-53-7	50
5	Heptane, 4-methyl-		114	C8H18	000589-53-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025509.D
Acq On : 30 Mar 2023 17:48
Operator : SY/MD
Sample : 02130-09
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1198

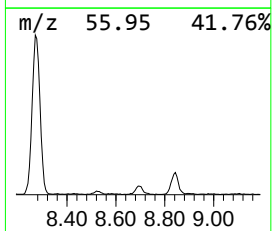
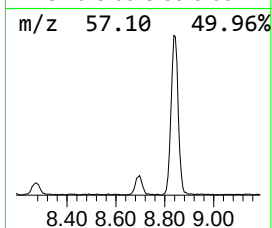
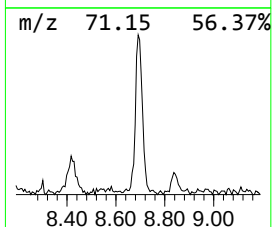
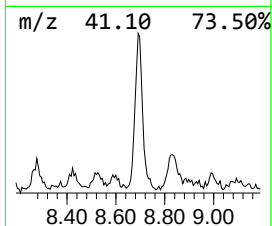
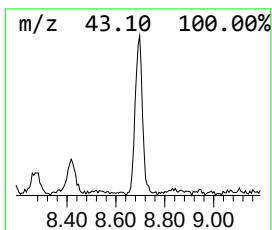
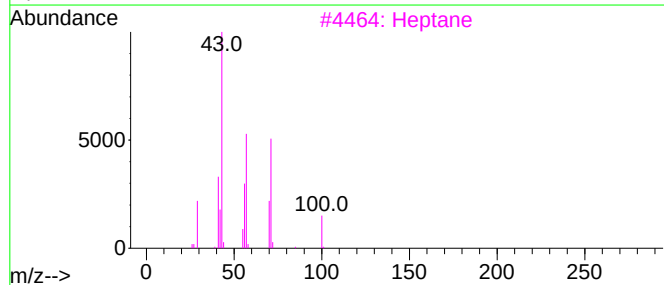
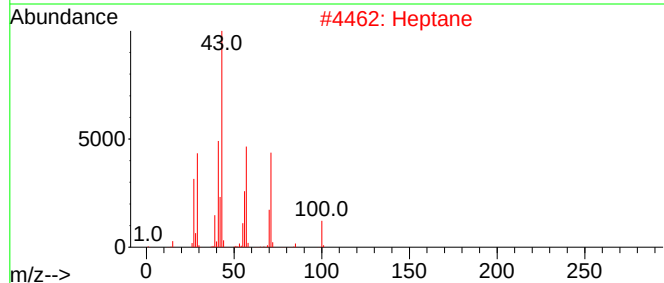
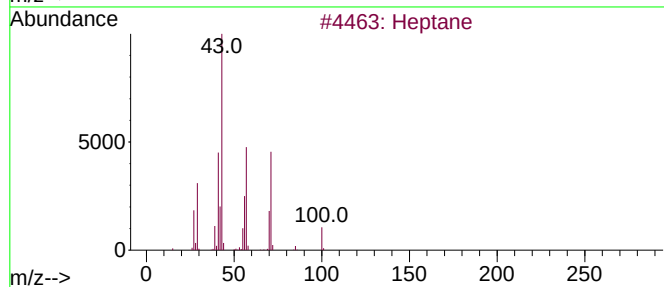
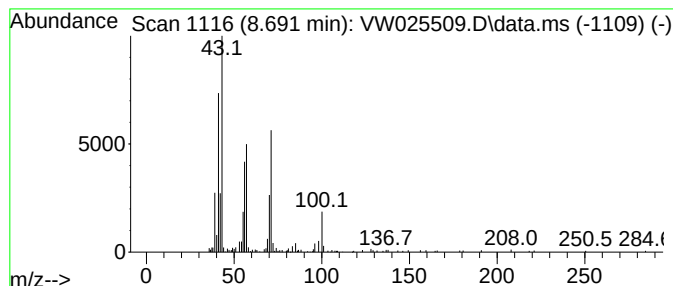
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.691	1.29 ug/L	96202	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	87
2	Heptane			100	C7H16	000142-82-5	87
3	Heptane			100	C7H16	000142-82-5	72
4	Heptane			100	C7H16	000142-82-5	68
5	Decane, 4-methyl-			156	C11H24	002847-72-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025509.D
Acq On : 30 Mar 2023 17:48
Operator : SY/MD
Sample : 02130-09
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1198

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

						--Internal Standard--			
TIC Top	Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL)	Alkane: S...	3.033	1.6	ug/L	119215	1	8.843	1859710	25.0
(DEL)	Alkane: S...	3.393	2.4	ug/L	177444	1	8.843	1859710	25.0
(DEL)	Alkane: S...	5.441	1.3	ug/L	94087	1	8.843	1859710	25.0
(DEL)	Alkane: S...	5.941	2.3	ug/L	170767	1	8.843	1859710	25.0
(DEL)	Alkane: S...	8.154	1.4	ug/L	103398	1	8.843	1859710	25.0
(DEL)	Alkane: S...	8.691	1.3	ug/L	96202	1	8.843	1859710	25.0