

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031723\
 Data File : VW025422.D
 Acq On : 17 Mar 2023 18:07
 Operator : SY/MD
 Sample : 01977-09
 Misc : 6.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYG95

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: VW025422.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	73	79	97	rVB2	139037	416637	10.25%	1.239%
2	2.899	158	166	181	rBV	115939	325753	8.02%	0.969%
3	3.033	181	188	203	rVB2	67973	191888	4.72%	0.571%
4	3.393	237	247	261	rBV2	67437	194057	4.77%	0.577%
5	3.527	264	269	274	rBV4	5174	13312	0.33%	0.040%
6	4.027	339	351	364	rBV	305782	1080114	26.58%	3.212%
7	4.393	403	411	418	rVV2	8581	24438	0.60%	0.073%
8	4.923	484	498	526	rBV5	84579	469078	11.54%	1.395%
9	5.161	526	537	551	rVB3	20427	76780	1.89%	0.228%
10	5.441	571	583	594	rBV3	18735	71169	1.75%	0.212%
11	5.947	656	666	677	rVV	57512	173940	4.28%	0.517%
12	6.911	821	824	826	rVV4	3733	5583	0.14%	0.017%
13	6.990	826	837	843	rVV3	29692	95556	2.35%	0.284%
14	7.075	843	851	875	rVV	170303	536641	13.20%	1.596%
15	7.648	932	945	960	rBV	647241	1550502	38.15%	4.610%
16	7.935	983	992	993	rBV2	29254	62523	1.54%	0.186%
17	8.026	1003	1007	1016	rVB6	9216	23629	0.58%	0.070%
18	8.154	1021	1028	1034	rBV2	23967	52051	1.28%	0.155%
19	8.276	1037	1048	1063	rVV2	1347573	4064281	100.00%	12.085%
20	8.410	1066	1070	1071	rVV4	11539	17325	0.43%	0.052%
21	8.435	1071	1074	1080	rVV4	15364	29576	0.73%	0.088%
22	8.502	1080	1085	1091	rVV5	10866	25801	0.63%	0.077%
23	8.575	1091	1097	1105	rVV2	18796	44769	1.10%	0.133%
24	8.697	1109	1117	1127	rVB	71573	147522	3.63%	0.439%
25	8.843	1131	1141	1162	rBV	1359695	2715052	66.80%	8.073%
26	9.081	1171	1180	1182	rVV10	3606	7515	0.18%	0.022%
27	9.270	1203	1211	1218	rVV	912256	1917094	47.17%	5.700%
28	9.331	1218	1221	1239	rVV	99003	216730	5.33%	0.644%
29	9.508	1247	1250	1259	rVV5	10793	23453	0.58%	0.070%
30	9.605	1259	1266	1271	rVV5	10007	24997	0.62%	0.074%
31	9.666	1274	1276	1283	rVV8	4210	7212	0.18%	0.021%
32	9.746	1285	1289	1296	rVB5	10619	19273	0.47%	0.057%
33	9.898	1309	1314	1317	rVB6	6262	13091	0.32%	0.039%
34	9.953	1317	1323	1328	rVV2	30327	61599	1.52%	0.183%
35	10.032	1329	1336	1343	rVV	527351	938383	23.09%	2.790%
36	10.093	1343	1346	1355	rVB3	16651	35017	0.86%	0.104%

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Integrator: RTE

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

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

37	10.319	1375	1383	1390	rBV	1828253	3316319	81.60%	9.861%
38	10.386	1390	1394	1401	rVV	188831	332126	8.17%	0.988%
39	10.441	1401	1403	1406	rVV4	8548	11724	0.29%	0.035%
40	10.502	1406	1413	1419	rVV	84026	151562	3.73%	0.451%
41	10.575	1419	1425	1435	rVV	346556	610243	15.01%	1.815%
42	10.660	1435	1439	1442	rVV	19918	38989	0.96%	0.116%
43	10.697	1442	1445	1452	rVV	46709	86652	2.13%	0.258%
44	10.758	1452	1455	1463	rVB3	9126	15939	0.39%	0.047%
45	10.843	1465	1469	1475	rBV8	3861	5653	0.14%	0.017%
46	10.922	1475	1482	1497	rVV	679097	1158594	28.51%	3.445%
47	11.026	1497	1499	1502	rVV4	6050	9218	0.23%	0.027%
48	11.068	1502	1506	1509	rVV4	11205	19532	0.48%	0.058%
49	11.105	1509	1512	1516	rVV6	9889	17645	0.43%	0.052%
50	11.172	1518	1523	1528	rVV	25800	50762	1.25%	0.151%
51	11.227	1528	1532	1538	rVV4	15859	29000	0.71%	0.086%
52	11.331	1545	1549	1554	rBV5	9220	15458	0.38%	0.046%
53	11.410	1554	1562	1572	rVB7	14786	48111	1.18%	0.143%
54	11.507	1574	1578	1583	rBV	10087	15742	0.39%	0.047%
55	11.629	1591	1598	1607	rBV	1889146	3145156	77.39%	9.352%
56	11.727	1608	1614	1623	rVV	80734	141701	3.49%	0.421%
57	11.837	1623	1632	1642	rVV2	134247	287352	7.07%	0.854%
58	11.910	1642	1644	1651	rVB6	10742	15796	0.39%	0.047%
59	12.166	1675	1686	1693	rBV	47126	100824	2.48%	0.300%
60	12.251	1698	1700	1704	rVB5	5545	6082	0.15%	0.018%
61	12.300	1704	1708	1709	rBV4	4398	5340	0.13%	0.016%
62	12.343	1709	1715	1716	rBV5	15866	25083	0.62%	0.075%
63	12.458	1729	1734	1739	rVB	9919	15394	0.38%	0.046%
64	12.605	1748	1758	1764	rBV	312341	511192	12.58%	1.520%
65	12.690	1764	1772	1779	rVV	858587	1381993	34.00%	4.109%
66	12.751	1779	1782	1785	rVV4	8996	14207	0.35%	0.042%
67	12.794	1785	1789	1795	rVB2	13990	26638	0.66%	0.079%
68	12.861	1795	1800	1804	rBV2	28921	51169	1.26%	0.152%
69	12.897	1804	1806	1807	rVV	15760	15334	0.38%	0.046%
70	12.934	1807	1812	1819	rVV4	41124	82956	2.04%	0.247%
71	13.099	1832	1839	1845	rBV	12795	26556	0.65%	0.079%
72	13.245	1856	1863	1874	rBV	54817	106505	2.62%	0.317%
73	13.385	1879	1886	1891	rBV9	12916	31288	0.77%	0.093%
74	13.434	1891	1894	1898	rVB6	5991	9504	0.23%	0.028%
75	13.556	1907	1914	1923	rBV	1819572	2933198	72.17%	8.722%
76	13.641	1923	1928	1936	rVB	67279	107763	2.65%	0.320%

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 Title : SFAM01.0

77	13.751	1942	1946	1948	rBV4	8248	12059	0.30%	0.036%
78	13.787	1949	1952	1954	rVV4	7992	11537	0.28%	0.034%
79	13.848	1954	1962	1975	rVV	1575692	2573070	63.31%	7.651%
80	13.940	1975	1977	1982	rVV5	6949	8938	0.22%	0.027%
81	14.007	1982	1988	1990	rVV7	8325	16020	0.39%	0.048%
82	14.062	1990	1997	2009	rVB2	37043	99475	2.45%	0.296%
83	14.202	2014	2020	2030	rVB9	14426	37931	0.93%	0.113%
84	14.318	2035	2039	2045	rBV6	18023	30608	0.75%	0.091%
85	14.415	2052	2055	2058	rBV5	4771	6763	0.17%	0.020%
86	14.452	2058	2061	2064	rVB4	5186	6091	0.15%	0.018%
87	14.513	2070	2071	2078	rVB7	5870	8968	0.22%	0.027%
88	14.629	2086	2090	2096	rVB8	5006	10259	0.25%	0.031%
89	14.714	2096	2104	2109	rVB9	11296	25475	0.63%	0.076%
90	14.787	2111	2116	2123	rBV5	12729	29106	0.72%	0.087%
91	14.952	2138	2143	2148	rBV9	6211	11020	0.27%	0.033%
92	15.171	2174	2179	2184	rVB9	6792	12087	0.30%	0.036%
93	15.312	2198	2202	2205	rBV6	3617	6315	0.16%	0.019%
94	15.360	2205	2210	2214	rBV	13379	23005	0.57%	0.068%
95	15.482	2224	2230	2235	rVB2	5442	11134	0.27%	0.033%
96	15.793	2276	2281	2287	rVB10	4764	10556	0.26%	0.031%
97	15.854	2287	2291	2293	rBV5	3532	6018	0.15%	0.018%
98	15.940	2301	2305	2307	rBV5	3882	5750	0.14%	0.017%
99	16.433	2381	2386	2387	rBV5	5005	7095	0.17%	0.021%
100	16.641	2414	2420	2425	rVB8	6371	14598	0.36%	0.043%

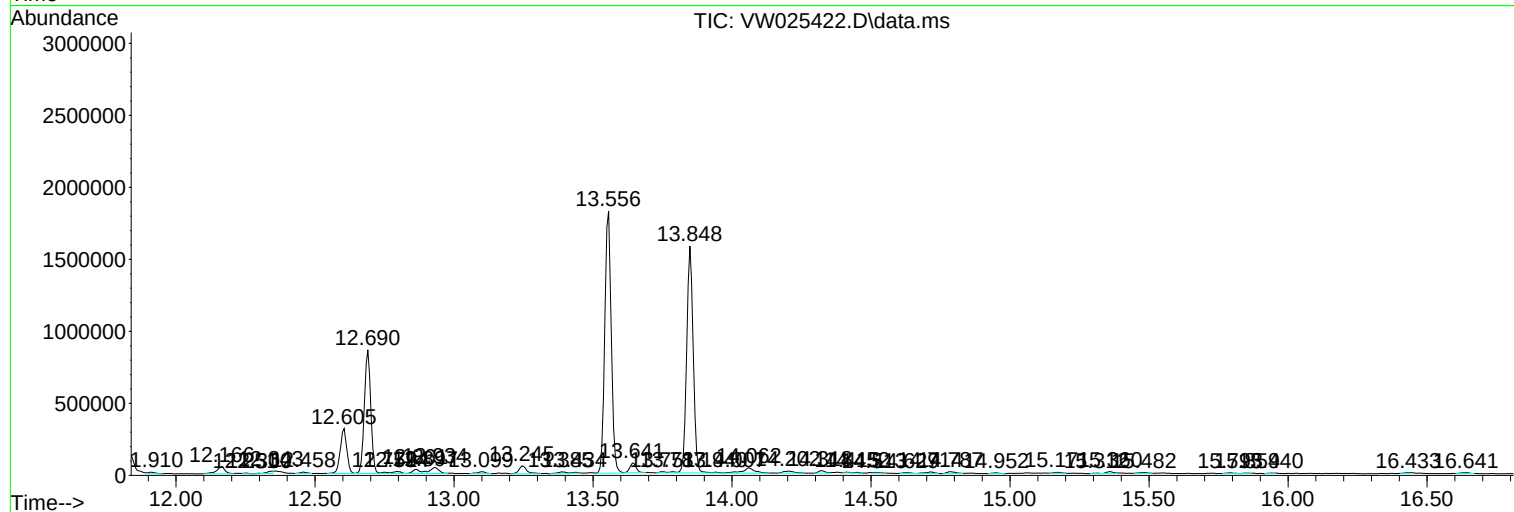
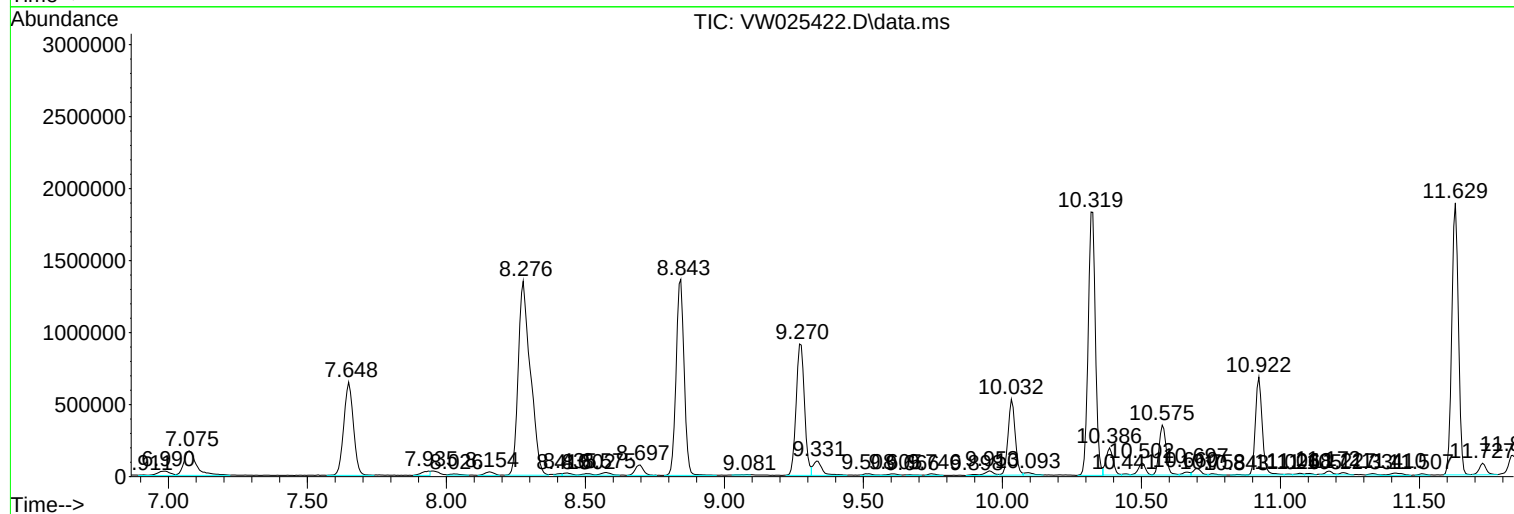
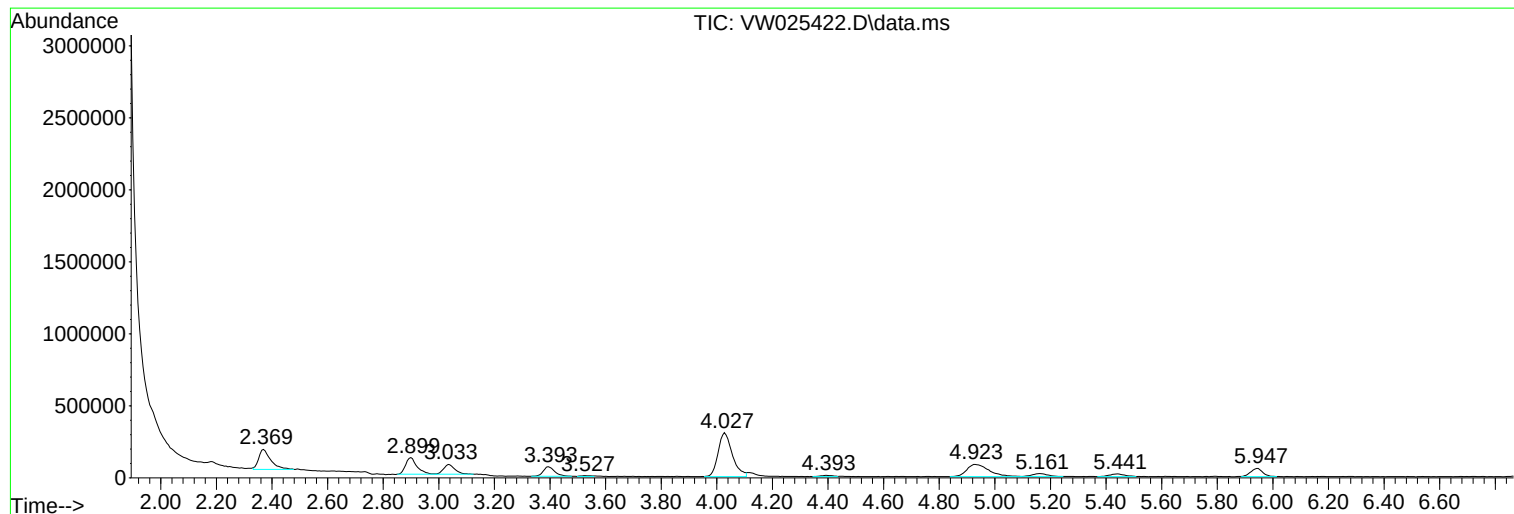
Sum of corrected areas: 33630519

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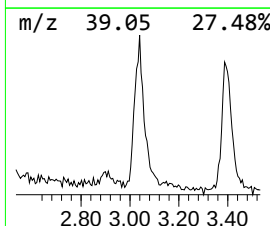
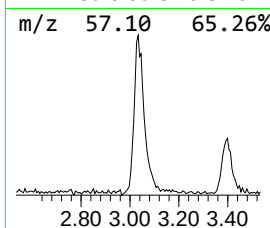
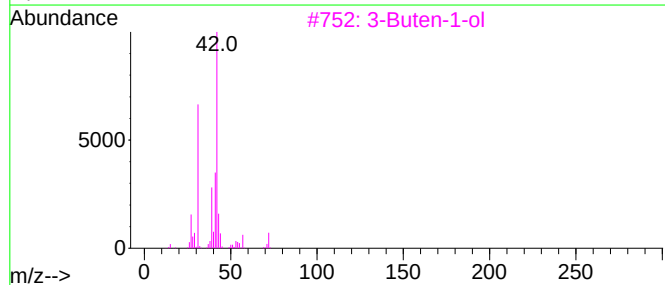
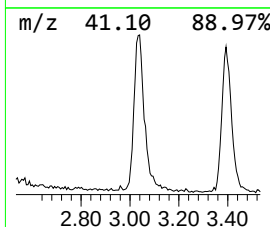
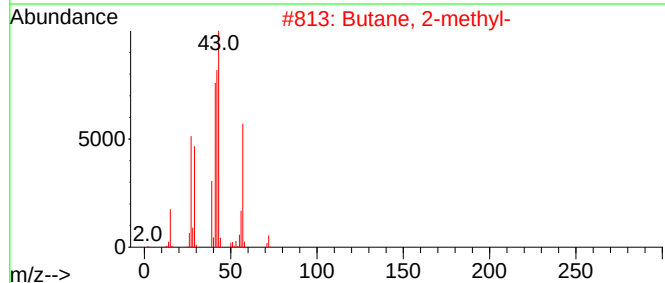
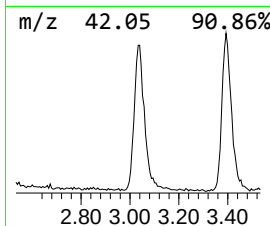
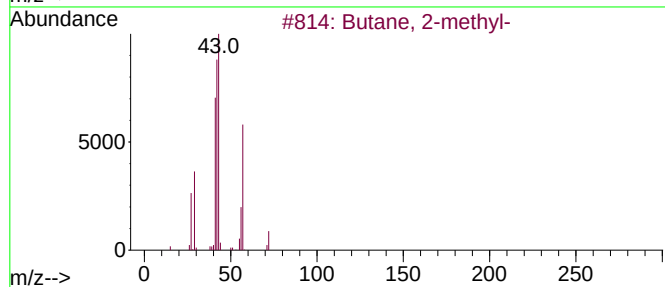
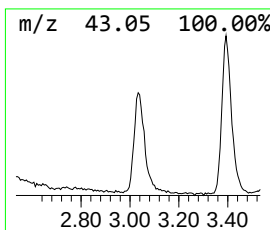
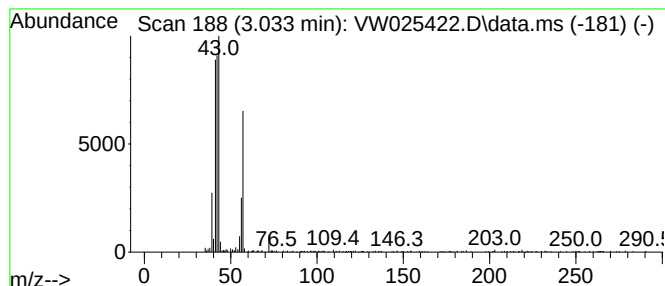
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.033	1.77 ug/L	191888	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	86
3	3-Buten-1-ol			72	C4H8O	000627-27-0	37
4	Propane, 1-chloro-2-methyl-			92	C4H9Cl	000513-36-0	36
5	Pentane			72	C5H12	000109-66-0	33



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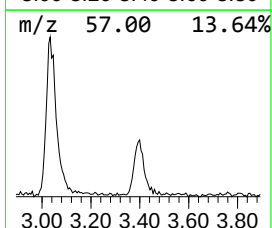
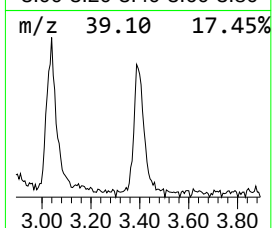
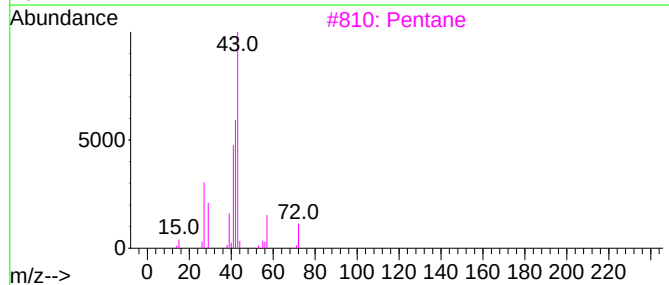
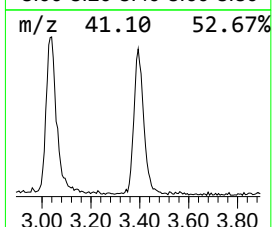
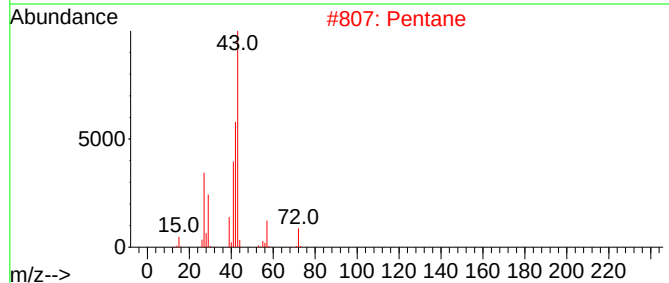
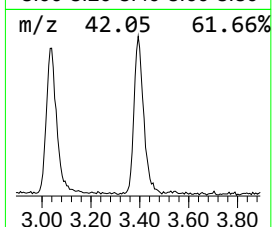
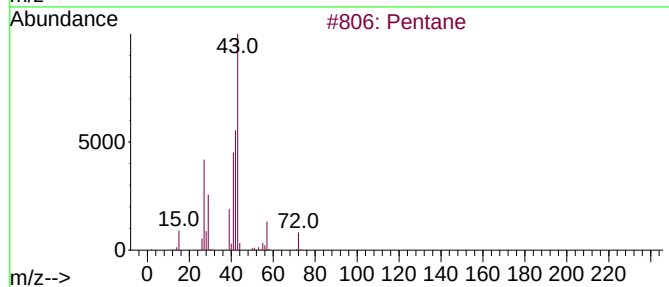
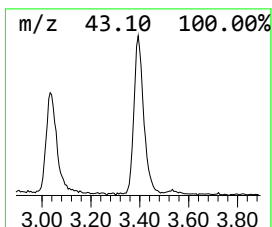
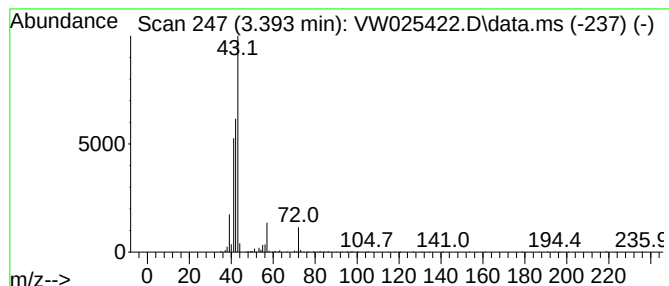
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	1.79 ug/L	194057	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	80
2	Pentane			72	C5H12	000109-66-0	80
3	Pentane			72	C5H12	000109-66-0	80
4	Pentane			72	C5H12	000109-66-0	59
5	Pentane			72	C5H12	000109-66-0	46



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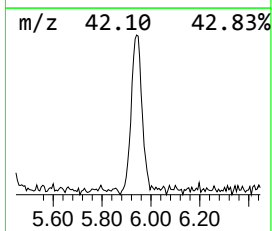
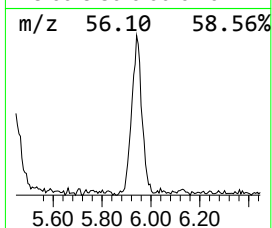
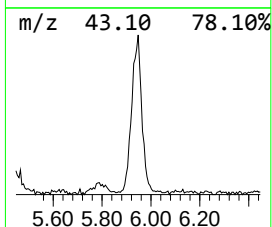
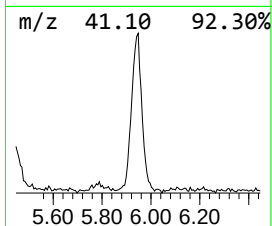
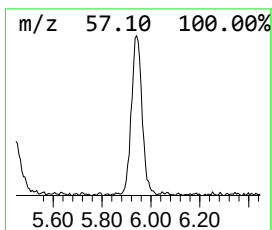
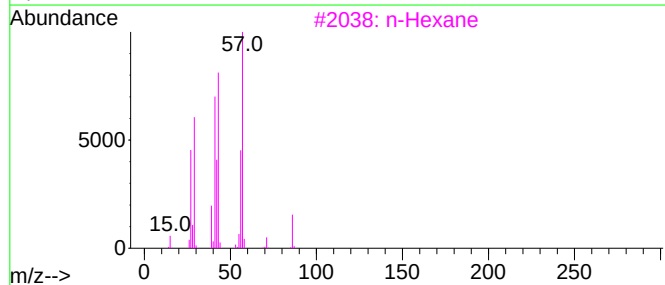
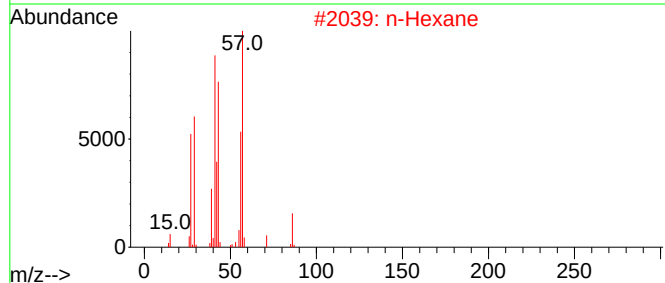
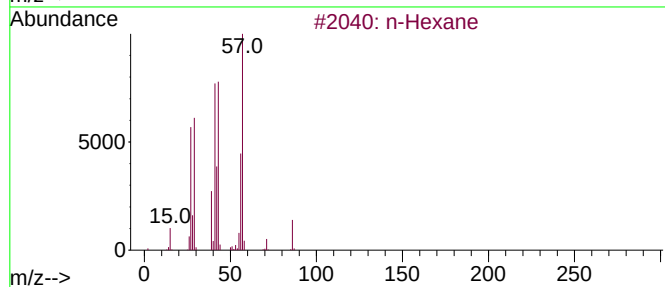
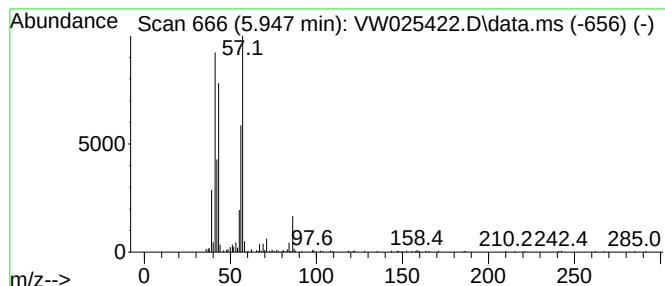
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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.
5.947	1.60 ug/L	173940	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	87
2			n-Hexane	86	C6H14	000110-54-3	87
3			n-Hexane	86	C6H14	000110-54-3	86
4			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	80
5			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031723\
Data File : VW025422.D
Acq On : 17 Mar 2023 18:07
Operator : SY/MD
Sample : 01977-09
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EYG95

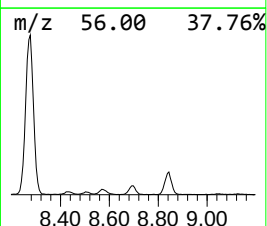
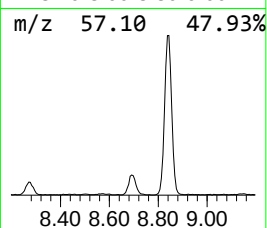
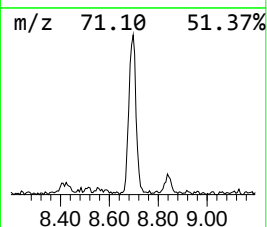
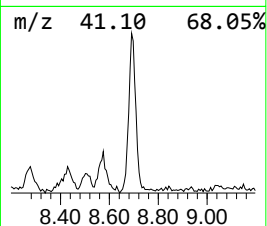
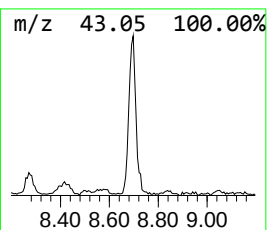
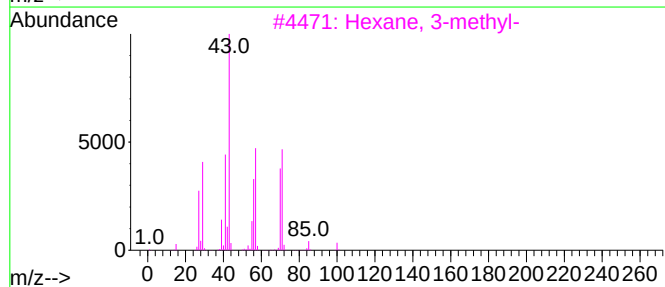
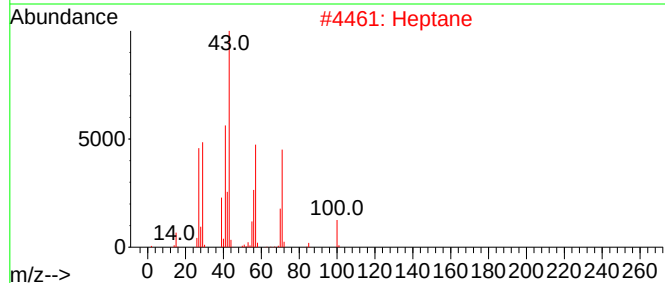
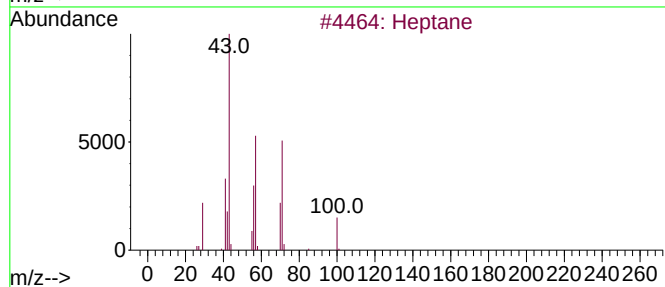
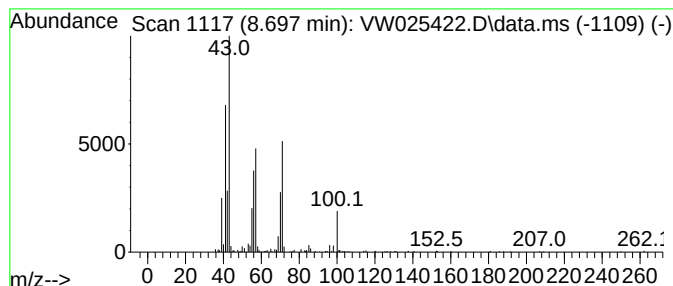
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.697	1.36 ug/L	147522	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	80
2			Heptane	100	C7H16	000142-82-5	72
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4			Heptane	100	C7H16	000142-82-5	64
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031723\
Data File : VW025422.D
Acq On : 17 Mar 2023 18:07
Operator : SY/MD
Sample : 01977-09
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EYG95

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	3.033	1.8	ug/L	191888	1	8.843	2715050	25.0
(DEL) Alkane: S...	3.393	1.8	ug/L	194057	1	8.843	2715050	25.0
(DEL) Alkane: S...	5.947	1.6	ug/L	173940	1	8.843	2715050	25.0
(DEL) Alkane: S...	8.697	1.4	ug/L	147522	1	8.843	2715050	25.0