

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021611.D
 Acq On : 23 Dec 2021 14:03
 Operator : SY/VA
 Sample : M5174-07
 Misc : 6.59g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC18

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021611.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.172	41	44	50	rVB	11778	13815	3.82%	0.647%
2	2.343	67	72	82	rVB	37788	63371	17.50%	2.970%
3	2.495	93	97	105	rBV	9502	18286	5.05%	0.857%
4	2.812	145	149	153	rBV	1648	3008	0.83%	0.141%
5	2.879	154	160	168	rVB	17903	35279	9.74%	1.653%
6	3.013	177	182	192	rVB2	6272	14252	3.94%	0.668%
7	3.379	235	242	251	rBV3	2556	5829	1.61%	0.273%
8	3.708	293	296	297	rBV	295	276	0.08%	0.013%
9	3.842	313	318	325	rVB2	610	1020	0.28%	0.048%
10	4.013	335	346	358	rBV	31315	88759	24.51%	4.159%
11	4.153	361	369	384	rVB2	10078	37366	10.32%	1.751%
12	4.373	398	405	413	rVB	659	1913	0.53%	0.090%
13	4.562	434	436	438	rBV	91	113	0.03%	0.005%
14	4.696	457	458	463	rVB2	151	197	0.05%	0.009%
15	4.745	464	466	469	rBB	93	123	0.03%	0.006%
16	4.769	469	470	472	rBV	154	153	0.04%	0.007%
17	4.909	482	493	507	rBV5	5152	17402	4.81%	0.815%
18	5.421	566	577	589	rBV3	5968	17723	4.89%	0.831%
19	5.556	596	599	601	rBB3	128	159	0.04%	0.007%
20	5.659	615	616	622	rBB3	76	113	0.03%	0.005%
21	5.793	627	638	649	rBB4	2128	6625	1.83%	0.310%
22	5.934	654	661	670	rBB4	1719	4802	1.33%	0.225%
23	6.031	676	677	679	rBV4	149	109	0.03%	0.005%
24	6.488	749	752	755	rBB	118	135	0.04%	0.006%
25	6.549	761	762	765	rBB	132	120	0.03%	0.006%
26	6.689	781	785	786	rBV	149	151	0.04%	0.007%
27	6.720	788	790	792	rVB	154	128	0.04%	0.006%
28	6.775	797	799	800	rBV	128	109	0.03%	0.005%
29	6.885	814	817	818	rBV	128	159	0.04%	0.007%
30	6.915	821	822	825	rVB	179	140	0.04%	0.007%
31	6.988	825	834	841	rBV4	1210	3497	0.97%	0.164%
32	7.086	842	850	858	rBV	10922	30864	8.52%	1.446%
33	7.647	933	942	955	rBB	56218	134733	37.21%	6.314%
34	7.762	959	961	963	rBV	125	109	0.03%	0.005%
35	7.951	980	992	997	rBB4	619	1669	0.46%	0.078%
36	8.073	1010	1012	1014	rBV	143	133	0.04%	0.006%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Title : SFAM01.0

37	8.159	1020	1026	1030	rBB3	318	531	0.15%	0.025%
38	8.275	1036	1045	1062	rBV3	93628	362067	100.00%	16.966%
39	8.695	1110	1114	1115	rBV2	526	756	0.21%	0.035%
40	8.787	1127	1129	1130	rBV2	131	120	0.03%	0.006%
41	8.842	1130	1138	1150	rVV	96545	191252	52.82%	8.962%
42	9.091	1174	1179	1184	rBV3	2032	3606	1.00%	0.169%
43	9.274	1201	1209	1216	rBV	71037	142920	39.47%	6.697%
44	9.409	1228	1231	1232	rBV	227	182	0.05%	0.009%
45	9.518	1247	1249	1253	rBB	383	378	0.10%	0.018%
46	9.567	1254	1257	1260	rBB	122	122	0.03%	0.006%
47	9.604	1261	1263	1266	rBB	133	129	0.04%	0.006%
48	9.658	1270	1272	1275	rBV	199	282	0.08%	0.013%
49	9.847	1301	1303	1304	rBV	162	154	0.04%	0.007%
50	10.036	1325	1334	1343	rBV2	35184	63978	17.67%	2.998%
51	10.128	1346	1349	1351	rBB2	155	147	0.04%	0.007%
52	10.213	1361	1363	1367	rBB	150	222	0.06%	0.010%
53	10.323	1374	1381	1387	rBV	109246	188252	51.99%	8.822%
54	10.384	1387	1391	1402	rVB	44978	78231	21.61%	3.666%
55	10.500	1405	1410	1415	rVB4	645	1162	0.32%	0.054%
56	10.579	1417	1423	1431	rBV	23093	39205	10.83%	1.837%
57	10.658	1435	1436	1439	rVB	286	245	0.07%	0.011%
58	10.707	1439	1444	1450	rVB3	1209	2418	0.67%	0.113%
59	10.762	1450	1453	1455	rBB	127	142	0.04%	0.007%
60	10.859	1465	1469	1473	rBB3	1111	1628	0.45%	0.076%
61	10.927	1473	1480	1489	rBV	49993	83666	23.11%	3.921%
62	11.073	1497	1504	1509	rBV2	596	1000	0.28%	0.047%
63	11.134	1513	1514	1517	rVV	105	125	0.03%	0.006%
64	11.158	1517	1518	1519	rVV	223	153	0.04%	0.007%
65	11.176	1519	1521	1526	rVV	364	447	0.12%	0.021%
66	11.231	1526	1530	1535	rVV4	859	1331	0.37%	0.062%
67	11.426	1561	1562	1565	rBV	109	115	0.03%	0.005%
68	11.585	1586	1588	1589	rVV	143	111	0.03%	0.005%
69	11.628	1589	1595	1603	rVV	93253	158848	43.87%	7.444%
70	11.731	1606	1612	1620	rVV	7761	12642	3.49%	0.592%
71	11.835	1621	1629	1637	rVV2	9644	17571	4.85%	0.823%
72	11.896	1637	1639	1643	rVB2	200	155	0.04%	0.007%
73	12.164	1678	1683	1688	rVV	5226	7478	2.07%	0.350%
74	12.219	1690	1692	1695	rVB	122	126	0.03%	0.006%
75	12.341	1708	1712	1716	rBV2	822	964	0.27%	0.045%
76	12.402	1720	1722	1726	rBV	87	166	0.05%	0.008%

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 Title : SFAM01.0

77	12.451	1726	1730	1731	rBV	265	340	0.09%	0.016%
78	12.506	1737	1739	1741	rVB	126	117	0.03%	0.005%
79	12.597	1750	1754	1755	rBV	1066	866	0.24%	0.041%
80	12.695	1763	1770	1777	rBV	59469	96604	26.68%	4.527%
81	12.774	1780	1783	1787	rBV	953	1432	0.40%	0.067%
82	12.865	1792	1798	1801	rBV	1752	2672	0.74%	0.125%
83	12.938	1807	1810	1818	rVB6	942	2116	0.58%	0.099%
84	13.060	1828	1830	1831	rBV	172	110	0.03%	0.005%
85	13.103	1833	1837	1845	rVB3	679	1195	0.33%	0.056%
86	13.164	1845	1847	1848	rBV3	190	179	0.05%	0.008%
87	13.194	1848	1852	1853	rBV2	338	494	0.14%	0.023%
88	13.249	1858	1861	1862	rBV2	1443	1628	0.45%	0.076%
89	13.396	1879	1885	1889	rBV4	806	1620	0.45%	0.076%
90	13.475	1896	1898	1900	rBV4	331	377	0.10%	0.018%
91	13.499	1900	1902	1906	rVV3	283	348	0.10%	0.016%
92	13.554	1906	1911	1921	rVV	46037	74674	20.62%	3.499%
93	13.646	1922	1926	1930	rBV2	1222	2114	0.58%	0.099%
94	13.694	1930	1934	1940	rVB3	4107	6475	1.79%	0.303%
95	13.755	1940	1944	1948	rBV5	1724	2718	0.75%	0.127%
96	13.853	1954	1960	1966	rVB	38595	65319	18.04%	3.061%
97	14.328	2034	2038	2043	rVB3	1320	2097	0.58%	0.098%
98	15.359	2204	2207	2211	rBV	2103	3128	0.86%	0.147%
99	15.657	2254	2256	2258	rBV3	765	855	0.24%	0.040%
100	16.432	2379	2383	2385	rBV3	558	868	0.24%	0.041%

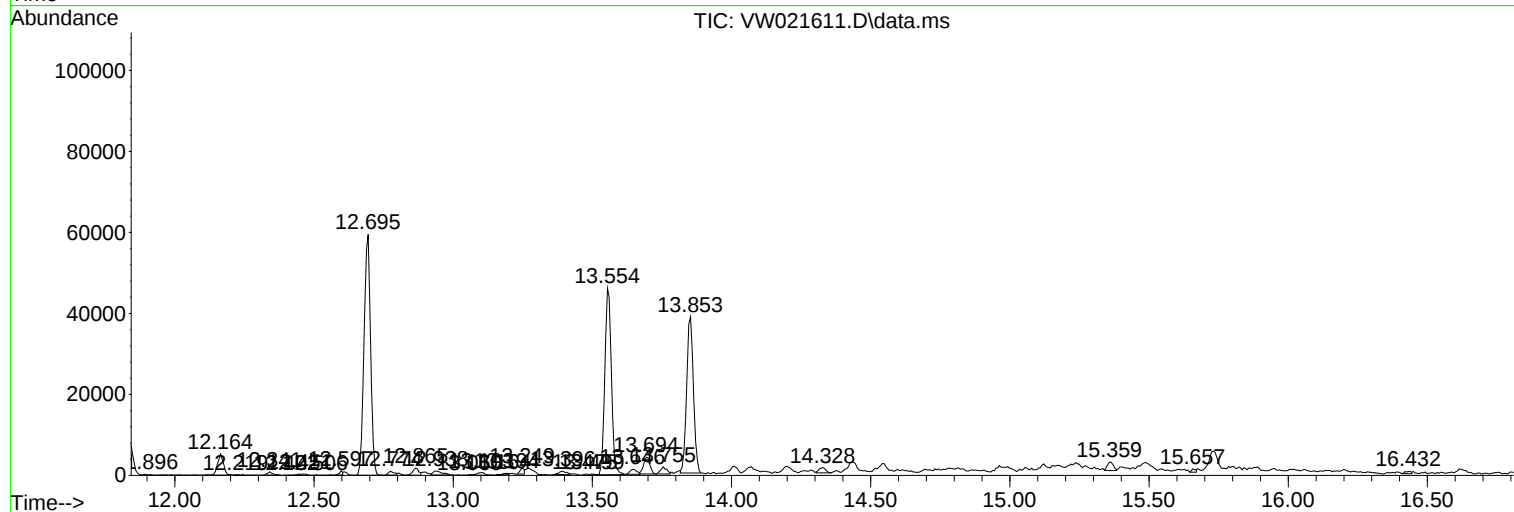
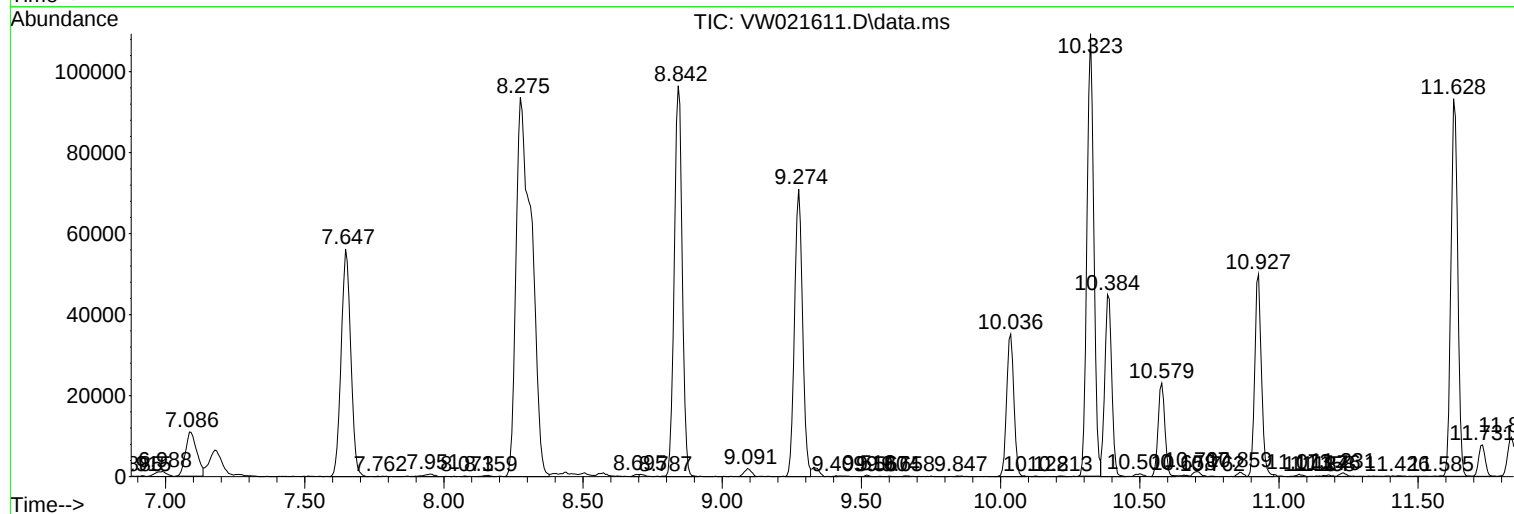
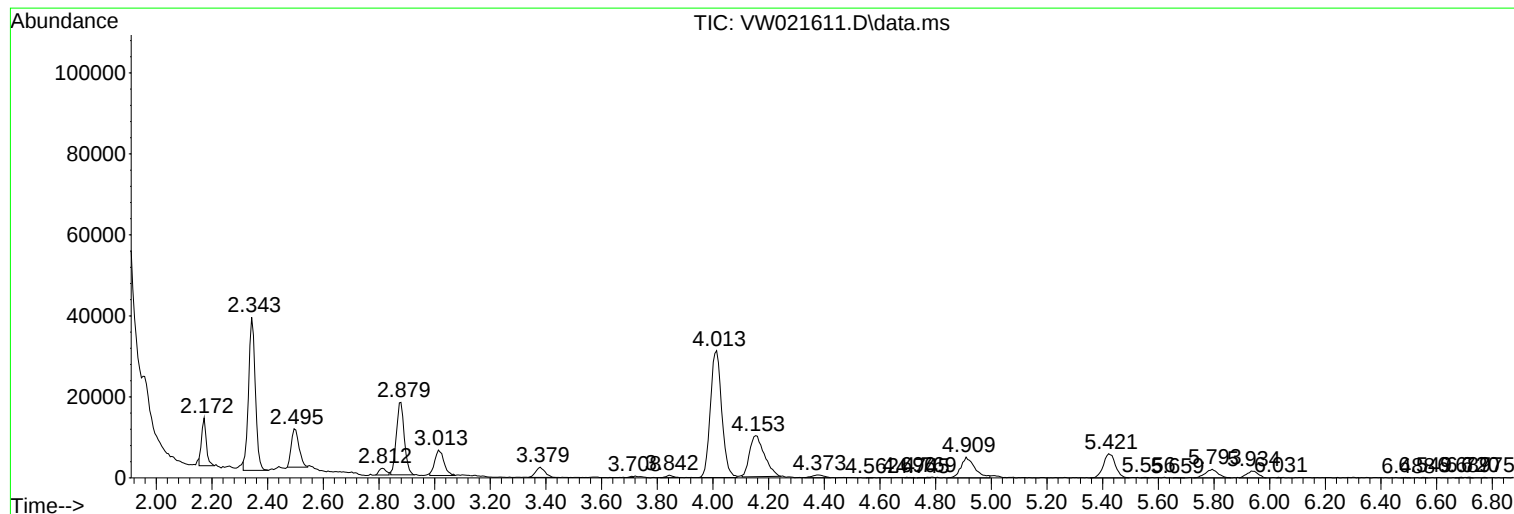
Sum of corrected areas: 2134013

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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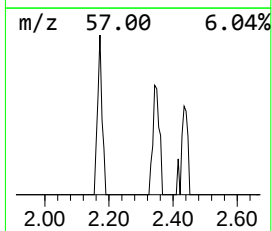
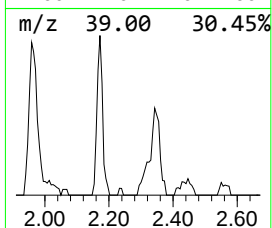
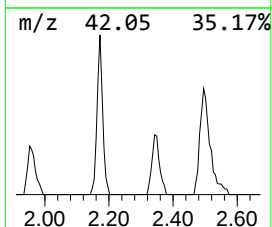
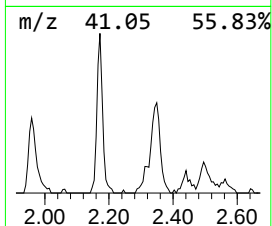
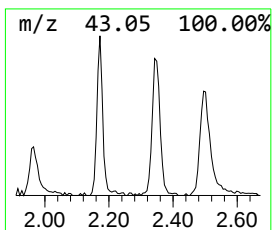
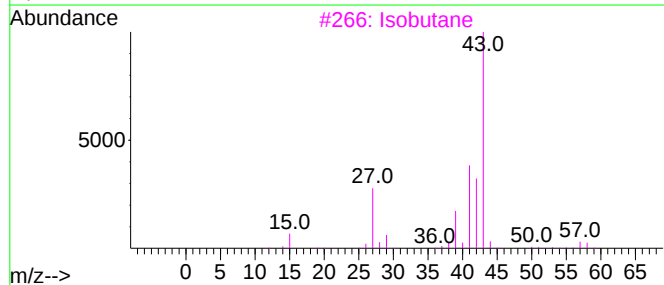
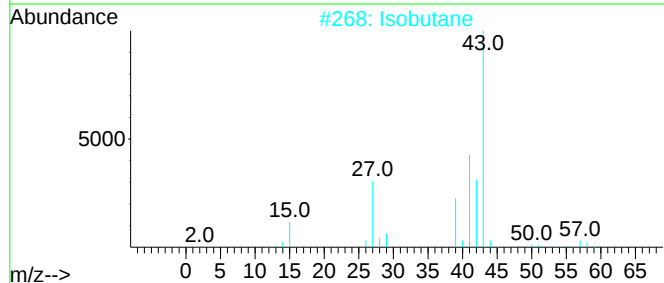
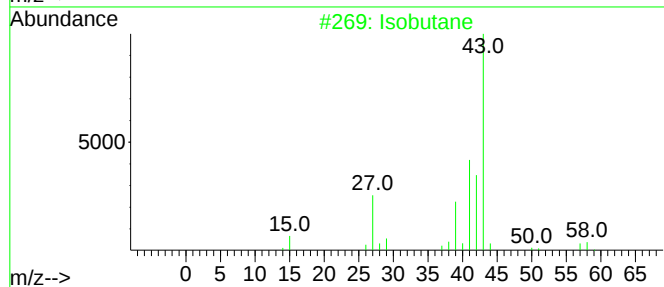
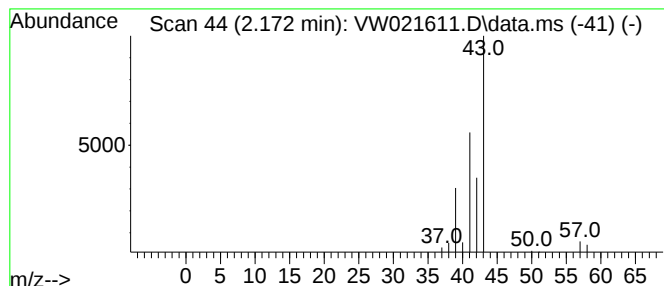
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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.
2.172	1.81 ug/L	13815	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutane	58	C4H10	000075-28-5	72
2		Isobutane	58	C4H10	000075-28-5	56
3		Isobutane	58	C4H10	000075-28-5	56
4		Isobutane	58	C4H10	000075-28-5	9
5		Isobutane	58	C4H10	000075-28-5	9



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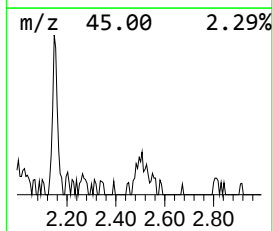
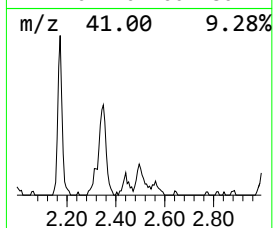
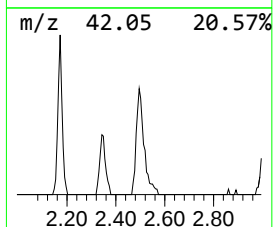
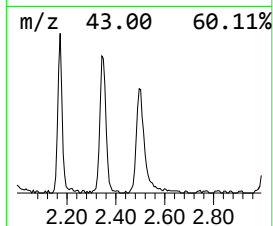
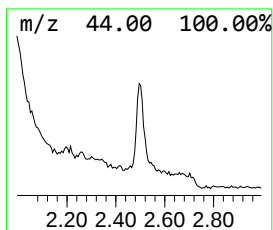
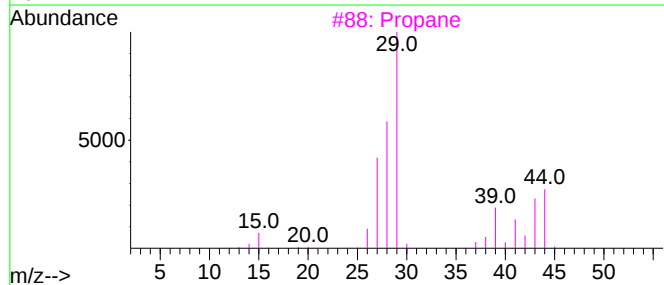
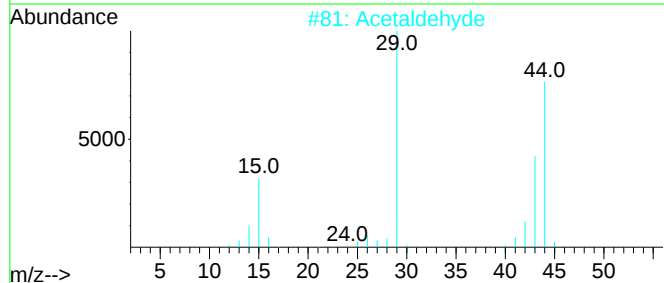
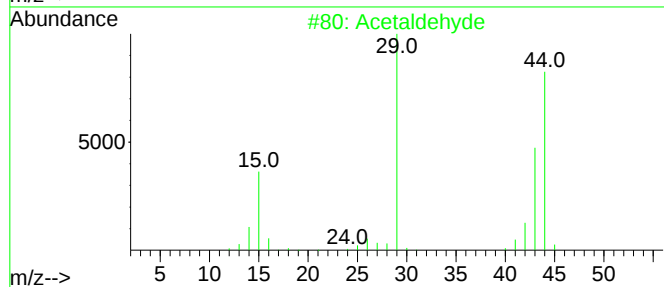
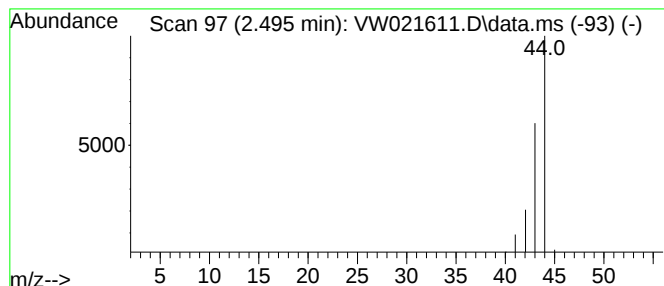
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.495	2.39 ug/L	18286	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetaldehyde	44	C2H4O	000075-07-0	9
2		Acetaldehyde	44	C2H4O	000075-07-0	9
3		Propane	44	C3H8	000074-98-6	5
4		Ethylene oxide	44	C2H4O	000075-21-8	5
5		Ethylene oxide	44	C2H4O	000075-21-8	5



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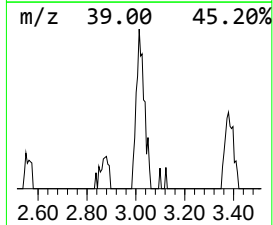
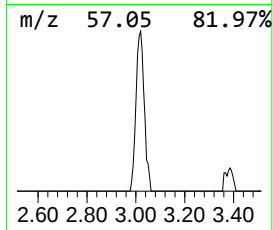
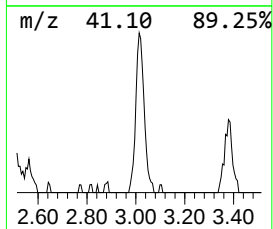
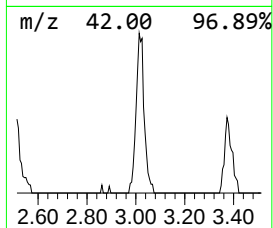
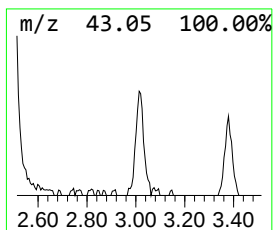
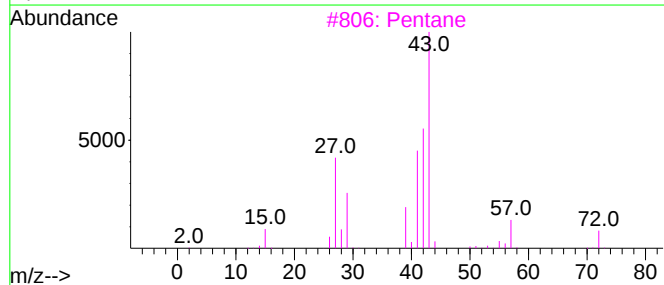
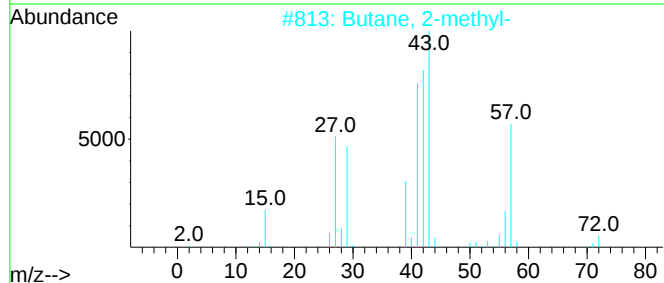
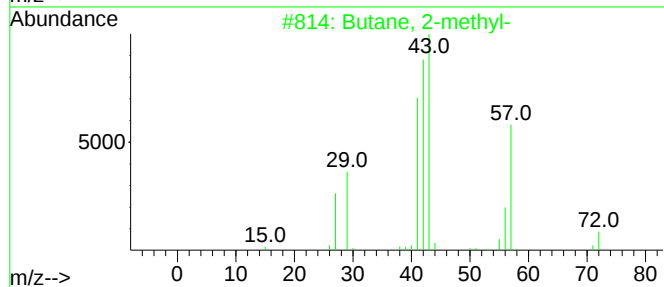
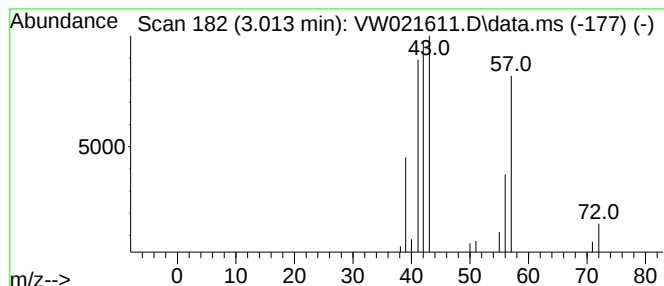
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.013	1.86 ug/L	14252	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	59
2	Butane, 2-methyl-			72	C5H12	000078-78-4	59
3	Pentane			72	C5H12	000109-66-0	36
4	Oxirane, ethyl-			72	C4H8O	000106-88-7	32
5	1,3-Dimethyldiaziridine			72	C3H8N2	026177-36-6	28



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021611.D
Acq On : 23 Dec 2021 14:03
Operator : SY/VA
Sample : M5174-07
Misc : 6.59g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBC18

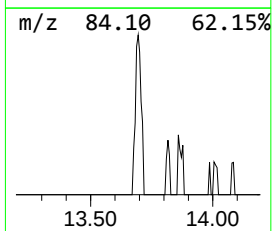
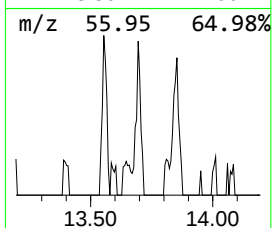
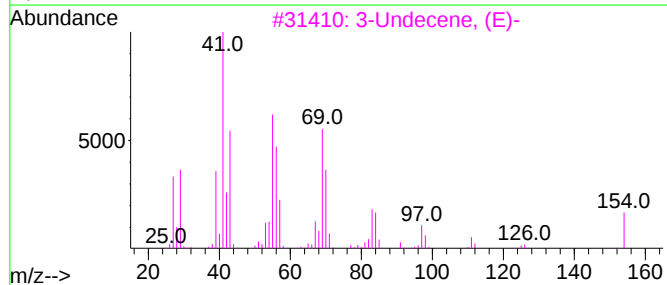
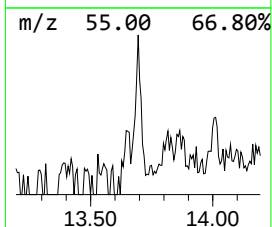
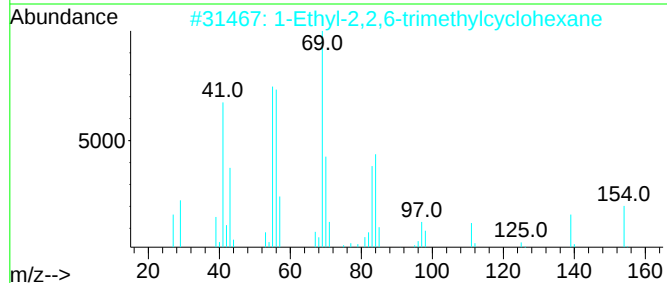
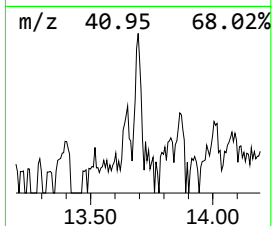
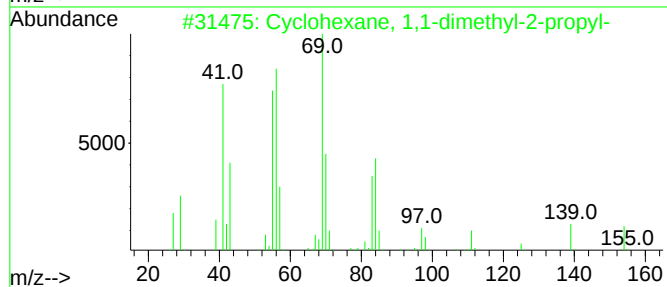
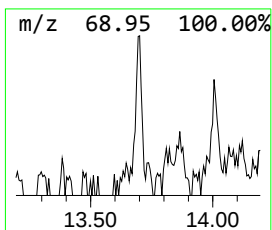
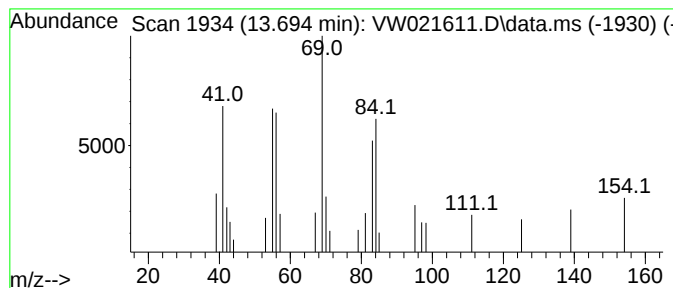
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic13.694 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	2.17 ug/L	6475	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	87
2			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	59
3			3-Undecene, (E)-	154	C11H22	001002-68-2	52
4			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	50
5			(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021611.D
Acq On : 23 Dec 2021 14:03
Operator : SY/VA
Sample : M5174-07
Misc : 6.59g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBC18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.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...	2.172	1.8	ug/L	13815	1	8.848	191252	25.0
unknown-01	2.495	2.4	ug/L	18286	1	8.848	191252	25.0
(DEL) Alkane: S...	3.013	1.9	ug/L	14252	1	8.848	191252	25.0
(DEL) Alkane: C...	13.694	2.2	ug/L	6475	3	13.554	74674	25.0