

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102523\
 Data File : VW027435.D
 Acq On : 25 Oct 2023 12:11
 Operator : SY/MD
 Sample : 04961-12RE
 Misc : 6.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ6RE

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\SFAMWLM101123SMA.M
 Title : SFAM01.0

Signal : TIC: VW027435.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.186	43	49	61	rBV	33766	109457	4.58%	1.355%
2	2.369	71	79	121	rBV	817897	2389374	100.00%	29.578%
3	3.765	306	308	311	rBV3	833	848	0.04%	0.010%
4	3.856	313	323	333	rBV	30597	81709	3.42%	1.011%
5	4.021	339	350	362	rBV2	89981	274895	11.50%	3.403%
6	4.326	399	400	402	rBV3	900	698	0.03%	0.009%
7	4.393	403	411	420	rVB2	4294	12494	0.52%	0.155%
8	4.557	436	438	439	rBV2	934	868	0.04%	0.011%
9	4.576	439	441	445	rVV5	1430	1720	0.07%	0.021%
10	4.655	452	454	457	rVV4	580	667	0.03%	0.008%
11	4.685	457	459	460	rVV2	1001	894	0.04%	0.011%
12	4.728	464	466	469	rVV4	1226	1327	0.06%	0.016%
13	4.765	470	472	476	rVB4	1136	1087	0.05%	0.013%
14	4.807	476	479	481	rBV4	1001	953	0.04%	0.012%
15	4.917	487	497	504	rBV2	26039	84634	3.54%	1.048%
16	5.387	570	574	575	rVV4	1138	1419	0.06%	0.018%
17	5.429	575	581	590	rVV4	3699	11866	0.50%	0.147%
18	5.515	593	595	600	rVB6	1118	1432	0.06%	0.018%
19	5.588	604	607	611	rVB5	1376	1732	0.07%	0.021%
20	5.624	611	613	616	rBV3	1045	1050	0.04%	0.013%
21	5.667	616	620	624	rVB7	1076	1510	0.06%	0.019%
22	5.765	631	636	637	rBV4	955	1360	0.06%	0.017%
23	5.935	656	664	674	rBV6	7602	25535	1.07%	0.316%
24	6.082	687	688	691	rBV3	750	747	0.03%	0.009%
25	6.179	701	704	705	rVB3	1021	735	0.03%	0.009%
26	6.283	717	721	722	rBV3	1085	1163	0.05%	0.014%
27	6.362	732	734	738	rVB4	911	985	0.04%	0.012%
28	6.405	738	741	742	rBV3	852	839	0.04%	0.010%
29	6.423	742	744	746	rVV3	1000	766	0.03%	0.009%
30	6.447	746	748	751	rVV4	912	704	0.03%	0.009%
31	6.588	770	771	773	rBV2	943	798	0.03%	0.010%
32	6.710	789	791	793	rBV3	872	725	0.03%	0.009%
33	6.807	803	807	809	rBV5	1065	1348	0.06%	0.017%
34	6.868	812	817	819	rBV6	1452	2643	0.11%	0.033%
35	7.075	843	851	860	rBV	46166	141283	5.91%	1.749%
36	7.270	882	883	886	rVB3	1161	849	0.04%	0.011%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Title : SFAM01.0

37	7.472	913	916	921	rVB5	1160	1704	0.07%	0.021%
38	7.520	921	924	925	rBV2	852	876	0.04%	0.011%
39	7.648	935	945	960	rVV	159286	390875	16.36%	4.839%
40	7.813	970	972	974	rBV2	999	800	0.03%	0.010%
41	7.935	990	992	993	rBV2	1446	1037	0.04%	0.013%
42	8.026	1002	1007	1009	rBV5	1811	3225	0.13%	0.040%
43	8.276	1035	1048	1063	rBV2	292743	905850	37.91%	11.213%
44	8.618	1101	1104	1108	rVB5	1059	1431	0.06%	0.018%
45	8.837	1132	1140	1152	rBV	372862	768481	32.16%	9.513%
46	8.990	1161	1165	1166	rBV4	1105	1058	0.04%	0.013%
47	9.069	1175	1178	1179	rBV3	1569	1815	0.08%	0.022%
48	9.154	1191	1192	1198	rVB6	539	932	0.04%	0.012%
49	9.215	1200	1202	1204	rBV3	619	674	0.03%	0.008%
50	9.270	1204	1211	1222	rBV	215947	447264	18.72%	5.537%
51	9.758	1287	1291	1298	rVB8	1619	3361	0.14%	0.042%
52	9.959	1320	1324	1327	rVB5	1113	1697	0.07%	0.021%
53	10.032	1327	1336	1346	rBV	87116	161755	6.77%	2.002%
54	10.160	1355	1357	1360	rBV3	1022	860	0.04%	0.011%
55	10.209	1361	1365	1368	rVB5	1412	1727	0.07%	0.021%
56	10.319	1376	1383	1391	rBV	275305	498628	20.87%	6.172%
57	10.575	1419	1425	1434	rVB	43770	78639	3.29%	0.973%
58	10.922	1475	1482	1494	rBV	156191	272886	11.42%	3.378%
59	11.068	1503	1506	1509	rBV4	3416	4986	0.21%	0.062%
60	11.544	1581	1584	1588	rBV5	1217	1328	0.06%	0.016%
61	11.629	1589	1598	1606	rBV	322388	557106	23.32%	6.896%
62	11.916	1643	1645	1647	rVB3	856	826	0.03%	0.010%
63	11.940	1647	1649	1651	rBV3	1260	1330	0.06%	0.016%
64	12.062	1667	1669	1672	rVB4	1191	1217	0.05%	0.015%
65	12.117	1672	1678	1679	rBV6	607	993	0.04%	0.012%
66	12.135	1679	1681	1682	rBV2	970	787	0.03%	0.010%
67	12.251	1696	1700	1701	rVV4	996	1250	0.05%	0.015%
68	12.343	1710	1715	1719	rBV8	2196	3830	0.16%	0.047%
69	12.391	1722	1723	1726	rVV3	797	725	0.03%	0.009%
70	12.458	1730	1734	1741	rBV9	1808	3661	0.15%	0.045%
71	12.599	1752	1757	1765	rVV3	6583	12128	0.51%	0.150%
72	12.690	1765	1772	1779	rBV	160490	265236	11.10%	3.283%
73	13.019	1824	1826	1828	rBV3	852	1073	0.04%	0.013%
74	13.074	1831	1835	1836	rVV4	1042	930	0.04%	0.012%
75	13.111	1839	1841	1845	rVV5	1253	1564	0.07%	0.019%
76	13.147	1845	1847	1849	rVB3	1252	1032	0.04%	0.013%

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 Title : SFAM01.0

77	13.184	1849	1853	1856	rBV6	1088	1709	0.07%	0.021%
78	13.245	1861	1863	1868	rVB4	1640	2144	0.09%	0.027%
79	13.288	1868	1870	1875	rVB6	1608	2386	0.10%	0.030%
80	13.342	1877	1879	1882	rBV4	1387	1771	0.07%	0.022%
81	13.385	1884	1886	1887	rBV2	1019	736	0.03%	0.009%
82	13.501	1896	1905	1908	rBV2	10163	17575	0.74%	0.218%
83	13.556	1908	1914	1921	rVV	137021	229804	9.62%	2.845%
84	13.647	1924	1929	1936	rVB2	16633	28844	1.21%	0.357%
85	13.848	1956	1962	1968	rBV	93349	156166	6.54%	1.933%
86	14.007	1986	1988	1992	rVV4	2043	2836	0.12%	0.035%
87	14.062	1994	1997	2008	rVB	9643	15506	0.65%	0.192%
88	14.318	2036	2039	2045	rBV7	1855	4394	0.18%	0.054%
89	14.458	2059	2062	2064	rBV4	1468	1446	0.06%	0.018%
90	14.476	2064	2065	2066	rVV	1657	788	0.03%	0.010%
91	14.519	2069	2072	2077	rVB5	5951	9035	0.38%	0.112%
92	14.714	2102	2104	2108	rBV5	1230	1601	0.07%	0.020%
93	14.970	2143	2146	2148	rBV4	1286	1691	0.07%	0.021%
94	15.129	2168	2172	2176	rBV7	1991	2967	0.12%	0.037%
95	15.354	2207	2209	2210	rBV2	2155	1599	0.07%	0.020%
96	15.397	2212	2216	2221	rVB4	8339	14711	0.62%	0.182%
97	15.476	2226	2229	2235	rVB	7018	11078	0.46%	0.137%
98	16.196	2345	2347	2349	rBV3	1177	1053	0.04%	0.013%
99	16.421	2382	2384	2386	rBV3	995	979	0.04%	0.012%
100	16.500	2395	2397	2399	rBV3	1119	812	0.03%	0.010%

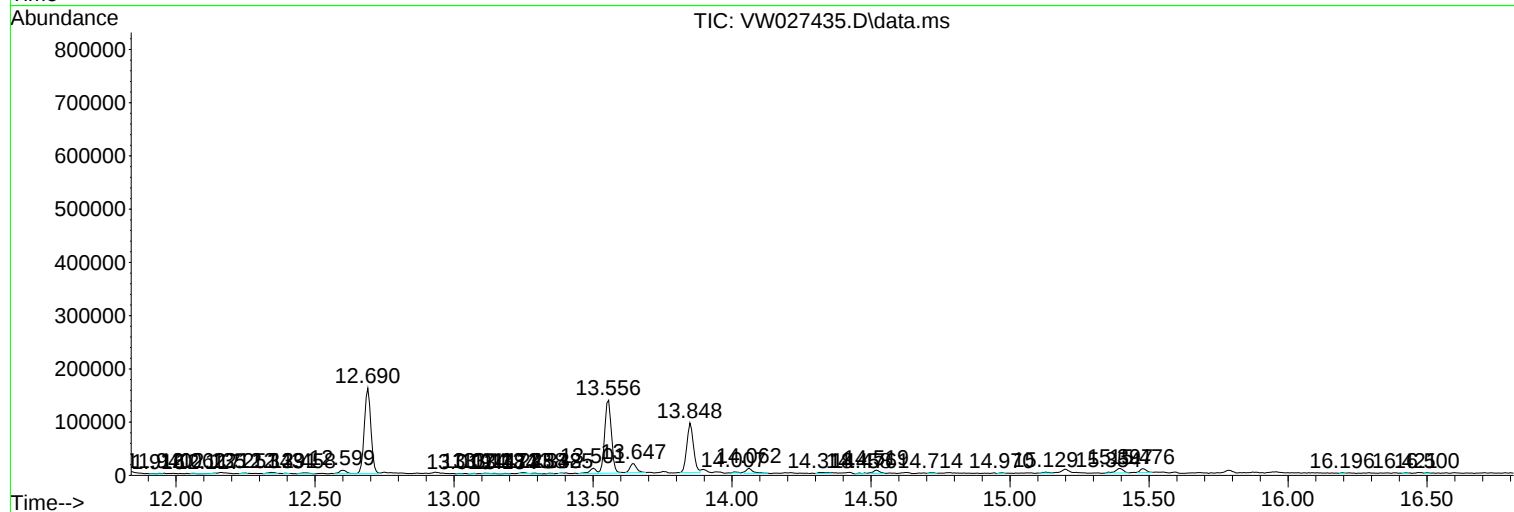
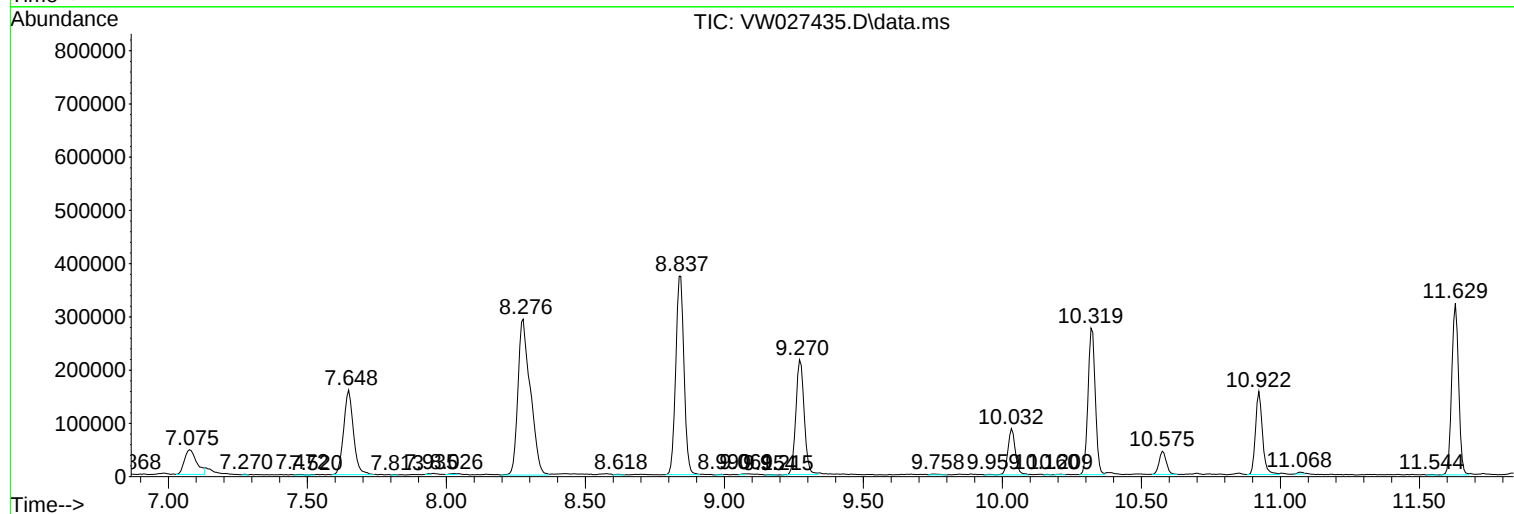
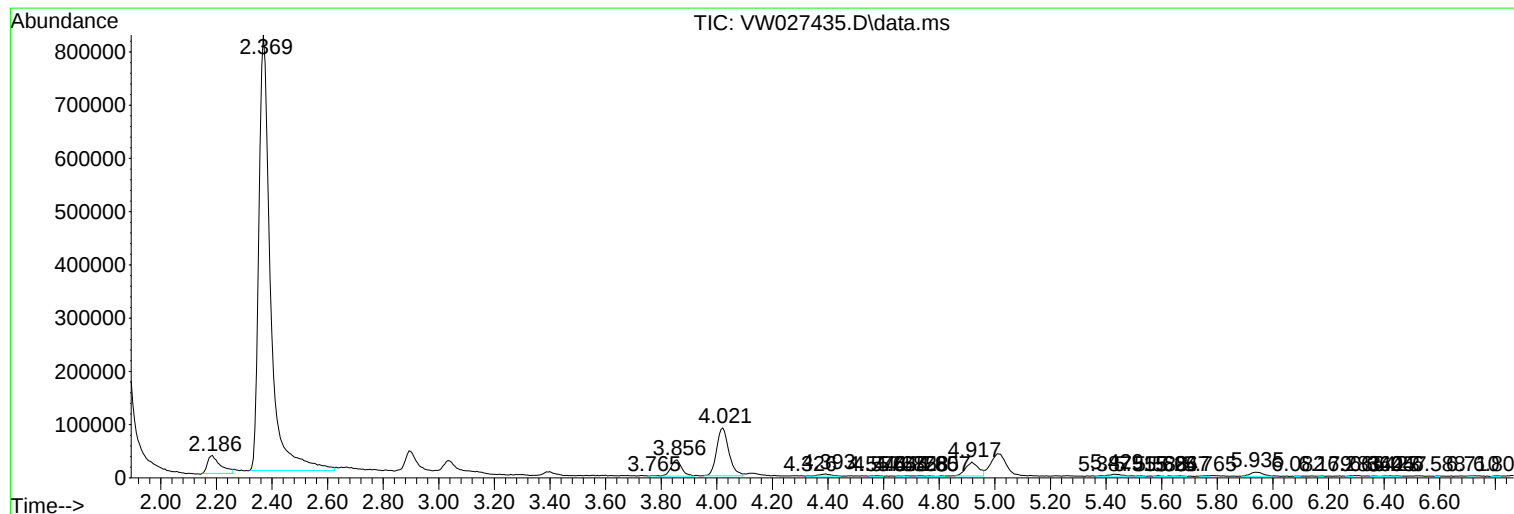
Sum of corrected areas: 8078322

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.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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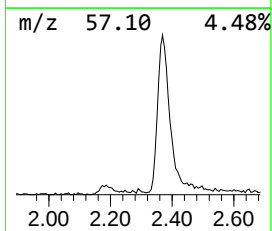
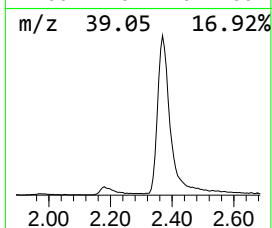
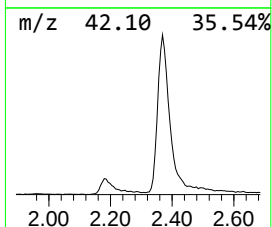
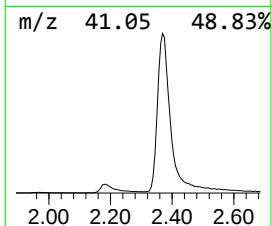
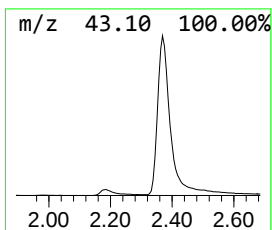
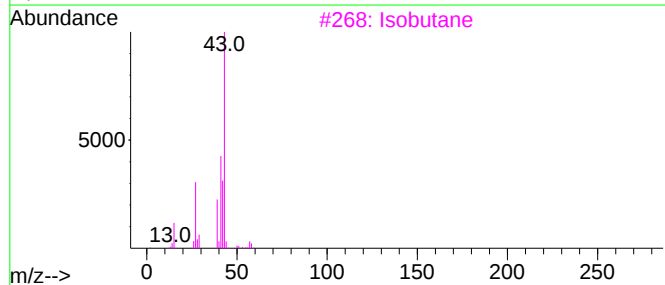
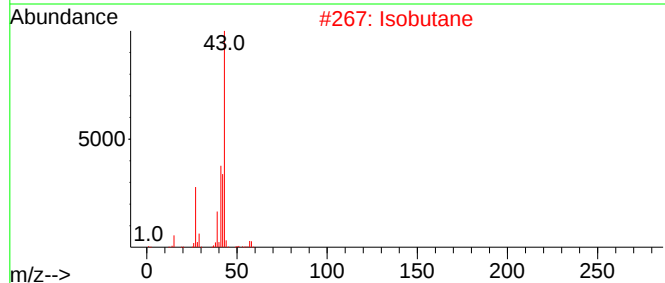
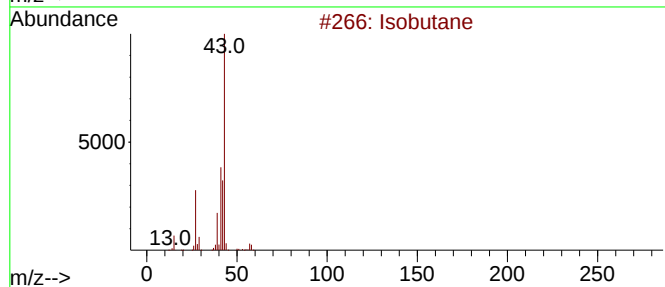
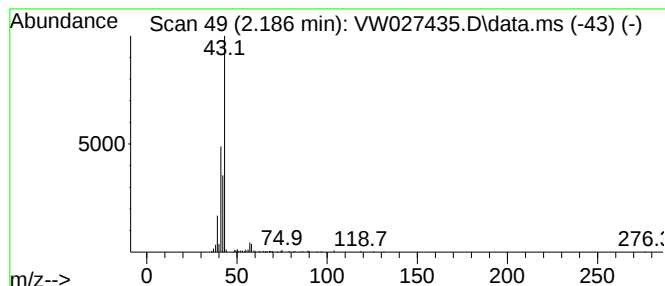
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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.
2.186	3.56 ug/L	109457	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutane	58	C4H10	000075-28-5	64
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	50
4		Isobutane	58	C4H10	000075-28-5	50
5		Isobutane	58	C4H10	000075-28-5	42



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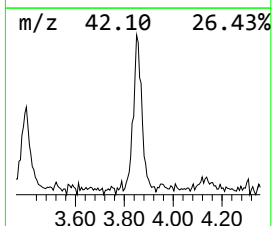
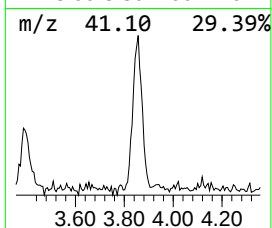
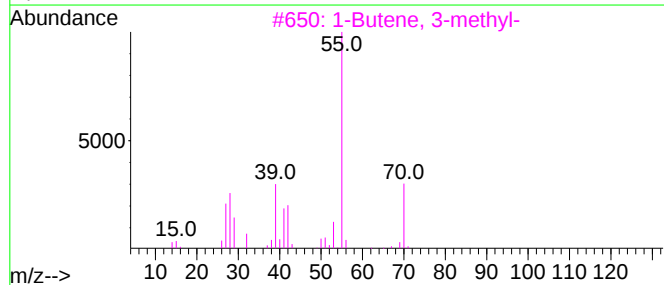
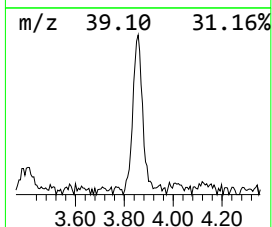
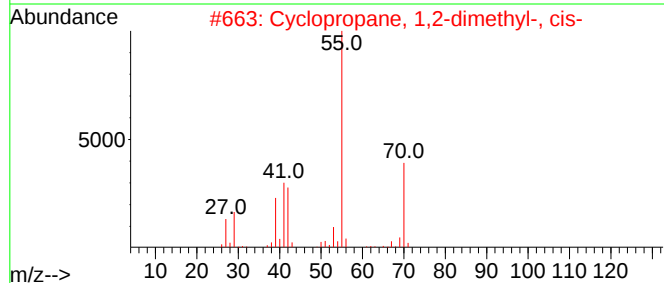
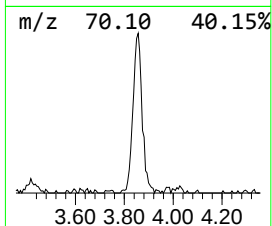
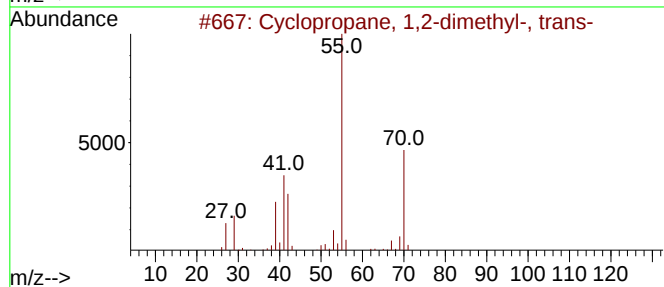
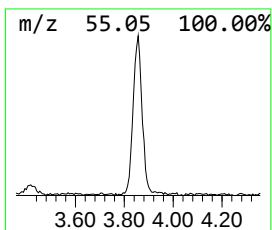
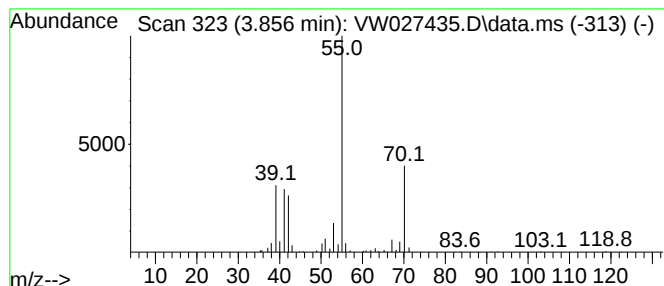
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic3.856 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.856	2.66 ug/L	81709	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	91
2		Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
3		1-Butene, 3-methyl-	70	C5H10	000563-45-1	87
4		Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
5		2-Pentene, (E)-	70	C5H10	000646-04-8	87



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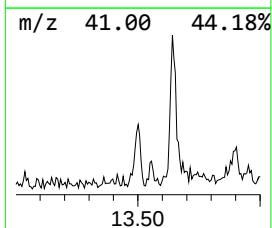
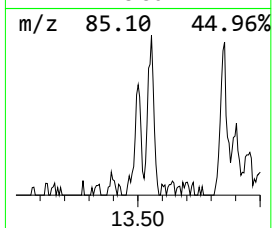
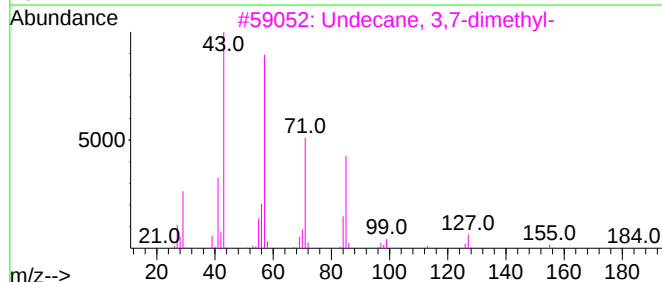
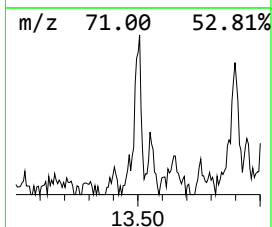
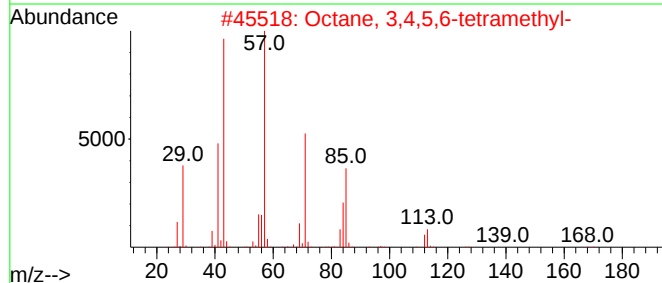
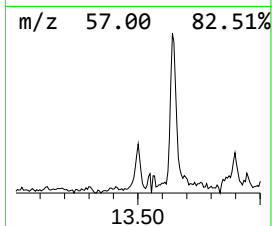
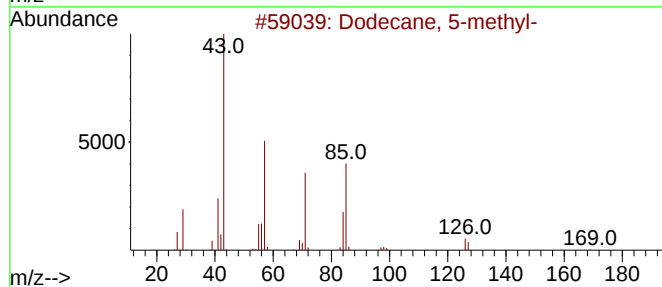
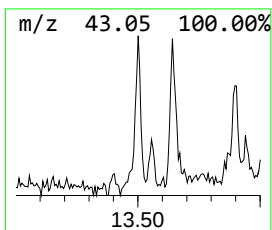
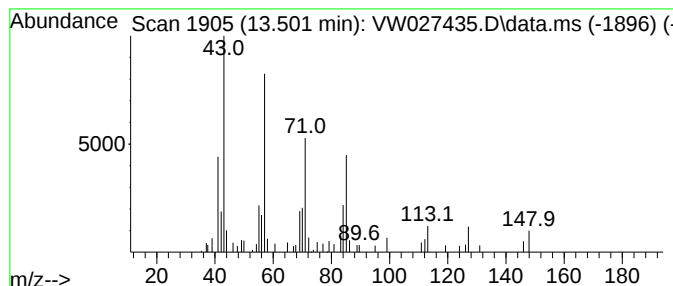
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.501	1.91 ug/L	17575	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 5-methyl-	184	C13H28	017453-93-9	53
2			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
3			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	53
4			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53
5			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102523\
Data File : VW027435.D
Acq On : 25 Oct 2023 12:11
Operator : SY/MD
Sample : 04961-12RE
Misc : 6.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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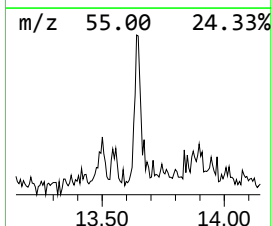
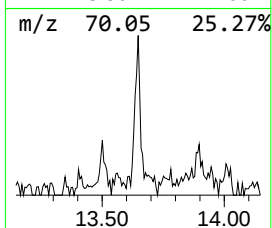
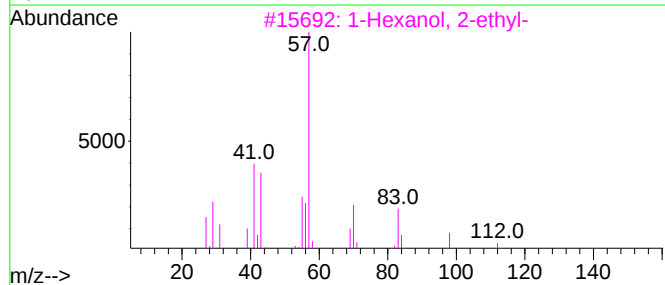
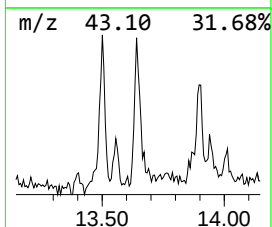
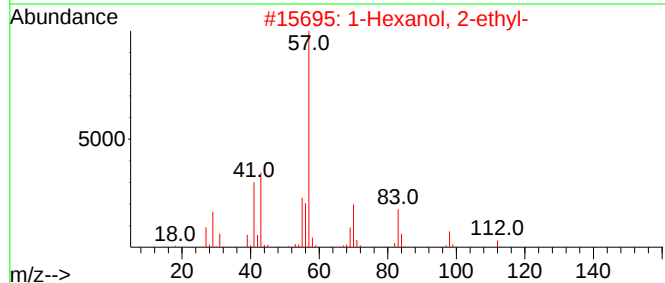
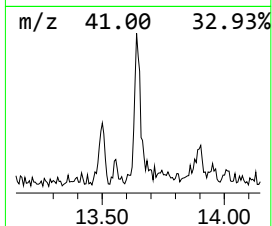
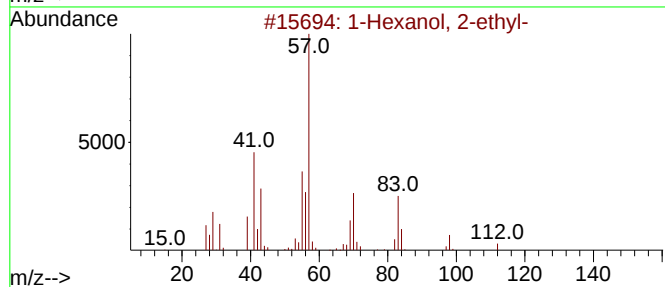
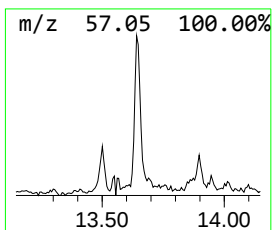
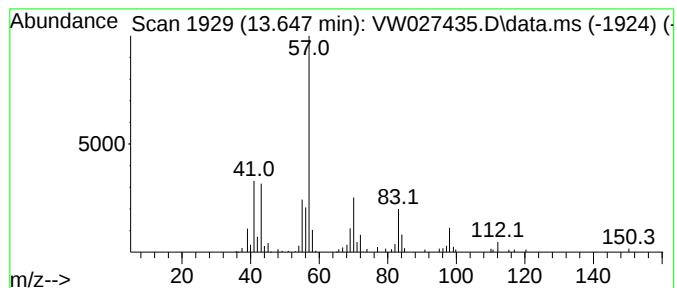
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Quant Title : SFAM01.0

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

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.647	3.14 ug/L	28844	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102523\
Data File : VW027435.D
Acq On : 25 Oct 2023 12:11
Operator : SY/MD
Sample : 04961-12RE
Misc : 6.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0LJ6RE

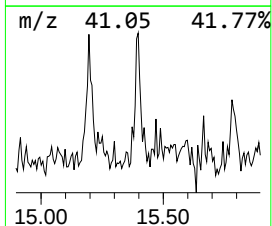
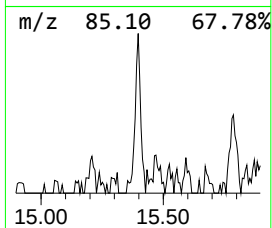
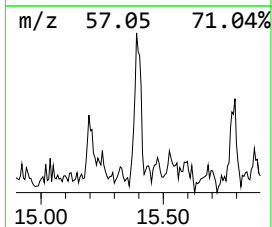
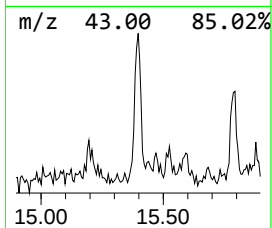
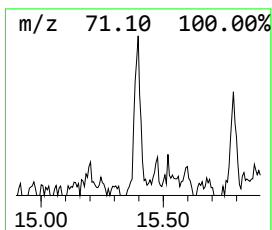
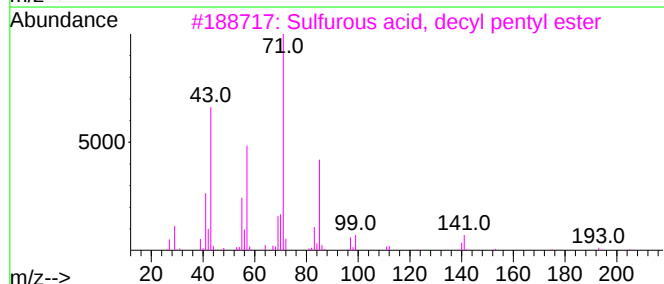
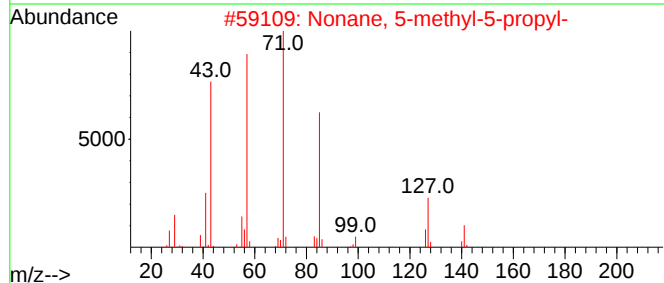
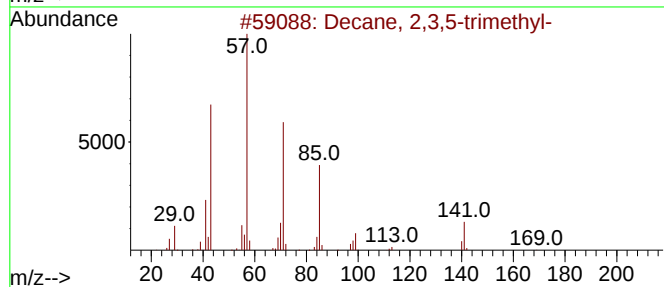
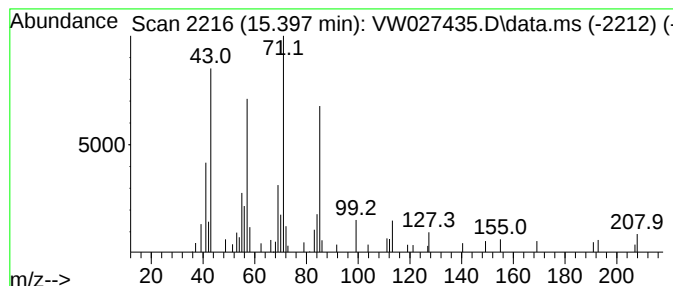
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.397	1.60 ug/L	14711	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
2			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
3			Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	53
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50
5			Nonadecane	268	C19H40	000629-92-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102523\
Data File : VW027435.D
Acq On : 25 Oct 2023 12:11
Operator : SY/MD
Sample : 04961-12RE
Misc : 6.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0LJ6RE

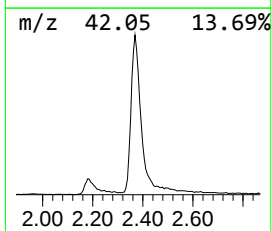
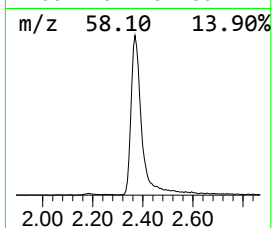
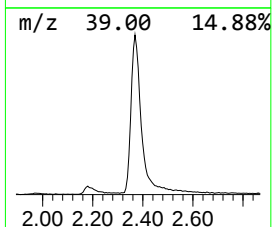
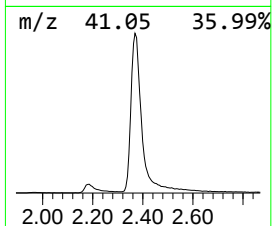
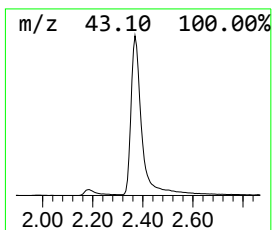
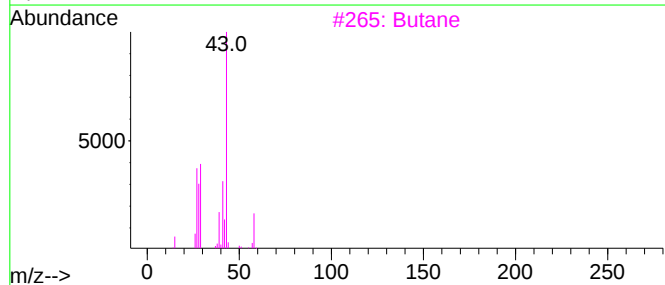
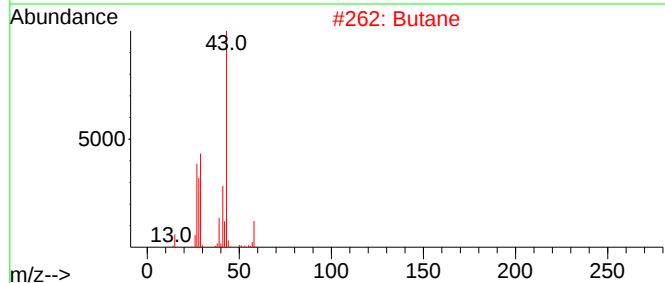
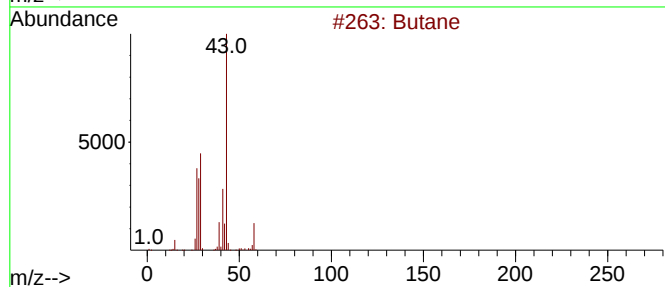
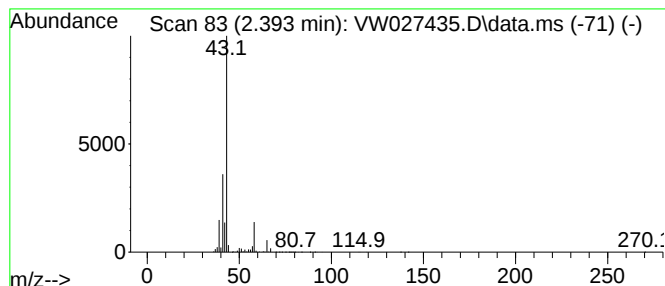
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.369	77.73 ug/L	2389370	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane			58	C4H10	000106-97-8	72
2	Butane			58	C4H10	000106-97-8	72
3	Butane			58	C4H10	000106-97-8	64
4	Butane			58	C4H10	000106-97-8	59
5	Formic acid, chloro-, (3,4,4-tri...			194	C7H11ClO4	107323-92-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102523\
Data File : VW027435.D
Acq On : 25 Oct 2023 12:11
Operator : SY/MD
Sample : 04961-12RE
Misc : 6.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0LJ6RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	2.186	3.6	ug/L	109457	1	8.843	768481	25.0
(DEL) Alkane: C...	3.856	2.7	ug/L	81709	1	8.843	768481	25.0
(DEL) Alkane: S...	13.501	1.9	ug/L	17575	3	13.556	229804	25.0
1-Hexanol, 2-et...	13.647	3.1	ug/L	28844	3	13.556	229804	25.0
(DEL) Alkane: S...	15.397	1.6	ug/L	14711	3	13.556	229804	25.0
(DEL) Alkane: S...	2.369	77.7	ug/L	2389370	1	8.843	768481	25.0