

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031647.D
 Acq On : 29 Jan 2025 17:33
 Operator : SY/MD
 Sample : Q1189-13
 Misc : 16.29g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44R4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

Signal : TIC: VW031647.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.960	7	12	39	rVB2	299904	569469	21.71%	2.897%
2	2.174	41	47	56	rBV2	21580	49598	1.89%	0.252%
3	2.356	66	77	89	rBV4	149855	537657	20.49%	2.736%
4	2.460	90	94	107	rVV3	39391	137103	5.23%	0.698%
5	2.576	107	113	126	rVB	29474	80467	3.07%	0.409%
6	2.893	156	165	180	rBV	87658	280958	10.71%	1.429%
7	3.021	181	186	193	rVB	18212	38429	1.46%	0.196%
8	3.295	224	231	239	rBV	29386	66313	2.53%	0.337%
9	3.387	239	246	258	rVB4	34560	100520	3.83%	0.511%
10	3.582	274	278	287	rVV6	3221	8579	0.33%	0.044%
11	3.753	299	306	315	rVB2	12572	32718	1.25%	0.166%
12	3.850	318	322	328	rVB6	2382	4950	0.19%	0.025%
13	4.021	337	350	365	rVV	193574	784626	29.91%	3.992%
14	4.137	365	369	384	rVB2	31937	97767	3.73%	0.497%
15	4.685	449	459	462	rBV3	4015	9042	0.34%	0.046%
16	4.771	471	473	484	rVB7	4609	10493	0.40%	0.053%
17	4.960	484	504	511	rBV8	5863	24788	0.94%	0.126%
18	5.210	542	545	549	rVB5	1895	2827	0.11%	0.014%
19	5.429	573	581	592	rVB4	5712	18089	0.69%	0.092%
20	5.789	621	640	654	rBV3	25227	94647	3.61%	0.482%
21	5.941	654	665	676	rVB3	13137	41607	1.59%	0.212%
22	6.112	686	693	702	rBV6	3703	12160	0.46%	0.062%
23	6.563	755	767	774	rBV6	5326	16710	0.64%	0.085%
24	6.898	812	822	835	rVV3	12518	38033	1.45%	0.194%
25	7.081	842	852	878	rVV	134262	436743	16.65%	2.222%
26	7.648	934	945	964	rVB	427598	1062344	40.49%	5.405%
27	7.923	984	990	995	rBV6	2510	5821	0.22%	0.030%
28	8.026	1006	1007	1013	rVB4	1784	2393	0.09%	0.012%
29	8.148	1021	1027	1036	rBV4	5416	11923	0.45%	0.061%
30	8.270	1036	1047	1064	rBV2	847779	2623438	100.00%	13.348%
31	8.550	1083	1093	1094	rBV6	8341	19080	0.73%	0.097%
32	8.709	1109	1119	1127	rBV4	26685	68136	2.60%	0.347%
33	8.837	1130	1140	1153	rBV	910652	1801684	68.68%	9.167%
34	9.056	1168	1176	1179	rBV7	6113	15834	0.60%	0.081%
35	9.270	1200	1211	1221	rBV	610698	1239623	47.25%	6.307%
36	9.337	1221	1222	1226	rVV3	3348	4849	0.18%	0.025%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

37	9.404	1227	1233	1246	rVV	38852	78206	2.98%	0.398%
38	9.660	1266	1275	1281	rBV6	3769	9740	0.37%	0.050%
39	9.739	1286	1288	1294	rVB5	1728	2544	0.10%	0.013%
40	9.873	1305	1310	1311	rBV5	1655	2330	0.09%	0.012%
41	9.947	1318	1322	1327	rBV6	1556	3303	0.13%	0.017%
42	10.032	1328	1336	1345	rVV	308486	562615	21.45%	2.863%
43	10.123	1349	1351	1357	rVB5	2805	4495	0.17%	0.023%
44	10.318	1372	1383	1391	rVV	981020	1722810	65.67%	8.766%
45	10.379	1391	1393	1408	rVV	14073	33189	1.27%	0.169%
46	10.501	1408	1413	1418	rVV3	3697	7151	0.27%	0.036%
47	10.575	1418	1425	1440	rVV	203133	346723	13.22%	1.764%
48	10.696	1440	1445	1454	rVB	12662	22309	0.85%	0.114%
49	10.855	1468	1471	1475	rBV5	2842	4063	0.15%	0.021%
50	10.922	1475	1482	1498	rBV	479508	832180	31.72%	4.234%
51	11.068	1500	1506	1521	rVB	198642	332807	12.69%	1.693%
52	11.507	1572	1578	1583	rVB6	1178	2670	0.10%	0.014%
53	11.629	1590	1598	1607	rBV	883525	1544774	58.88%	7.860%
54	11.727	1607	1614	1619	rVV7	3737	9488	0.36%	0.048%
55	11.843	1626	1633	1644	rVB6	6208	19978	0.76%	0.102%
56	11.995	1653	1658	1664	rVB2	15892	27004	1.03%	0.137%
57	12.099	1670	1675	1680	rBV6	1271	2400	0.09%	0.012%
58	12.178	1680	1688	1695	rVB2	12803	25744	0.98%	0.131%
59	12.336	1707	1714	1722	rBV6	8586	17691	0.67%	0.090%
60	12.464	1729	1735	1740	rBV5	7147	12274	0.47%	0.062%
61	12.599	1751	1757	1763	rBV2	16267	28182	1.07%	0.143%
62	12.690	1763	1772	1781	rBV	503770	871729	33.23%	4.435%
63	12.928	1807	1811	1824	rVB8	5084	12145	0.46%	0.062%
64	13.037	1824	1829	1833	rBV2	2895	4922	0.19%	0.025%
65	13.098	1833	1839	1843	rBV6	2808	5757	0.22%	0.029%
66	13.153	1843	1848	1855	rVB5	4263	8250	0.31%	0.042%
67	13.294	1863	1871	1877	rVB3	13947	34870	1.33%	0.177%
68	13.348	1877	1880	1884	rBV5	3128	4967	0.19%	0.025%
69	13.397	1884	1888	1891	rVB5	5082	7057	0.27%	0.036%
70	13.464	1895	1899	1901	rBV5	3638	5832	0.22%	0.030%
71	13.495	1901	1904	1907	rVB2	3518	4394	0.17%	0.022%
72	13.550	1907	1913	1922	rBV	445629	768119	29.28%	3.908%
73	13.641	1926	1928	1934	rVB3	7667	11025	0.42%	0.056%
74	13.781	1946	1951	1955	rBV	5184	8481	0.32%	0.043%
75	13.848	1955	1962	1971	rBV	368924	602880	22.98%	3.067%
76	13.934	1971	1976	1980	rVB2	11227	18163	0.69%	0.092%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

77	14.007	1982	1988	1989	rBV5	5121	8511	0.32%	0.043%
78	14.025	1989	1991	1992	rVV2	3718	3575	0.14%	0.018%
79	14.062	1992	1997	2006	rVB2	13526	30923	1.18%	0.157%
80	14.190	2014	2018	2020	rBV5	3666	5625	0.21%	0.029%
81	14.226	2020	2024	2029	rVV3	10130	16547	0.63%	0.084%
82	14.269	2029	2031	2035	rVV5	2500	3768	0.14%	0.019%
83	14.318	2036	2039	2044	rVB4	9961	16842	0.64%	0.086%
84	14.379	2044	2049	2051	rBV6	4934	8850	0.34%	0.045%
85	14.415	2051	2055	2056	rBV2	7358	8595	0.33%	0.044%
86	14.452	2057	2061	2065	rVV	16619	23487	0.90%	0.120%
87	14.495	2065	2068	2071	rVV2	9036	13433	0.51%	0.068%
88	14.543	2072	2076	2081	rVB8	11537	23084	0.88%	0.117%
89	14.677	2096	2098	2101	rBV3	5330	7427	0.28%	0.038%
90	14.781	2110	2115	2122	rBV3	35446	83643	3.19%	0.426%
91	14.860	2123	2128	2135	rVV8	16517	52012	1.98%	0.265%
92	14.946	2138	2142	2147	rBV5	16115	34557	1.32%	0.176%
93	15.055	2158	2160	2163	rBV3	8374	9684	0.37%	0.049%
94	15.177	2173	2180	2184	rBV5	24928	59428	2.27%	0.302%
95	15.360	2206	2210	2215	rBV	30399	50683	1.93%	0.258%
96	15.653	2250	2258	2262	rBV7	24739	74197	2.83%	0.378%
97	15.939	2302	2305	2310	rVB4	31571	46453	1.77%	0.236%
98	16.269	2355	2359	2366	rVB	49827	88583	3.38%	0.451%
99	16.427	2380	2385	2391	rVB	74722	142188	5.42%	0.723%
100	16.634	2411	2419	2429	rVB2	163455	469528	17.90%	2.389%

Sum of corrected areas: 19654302

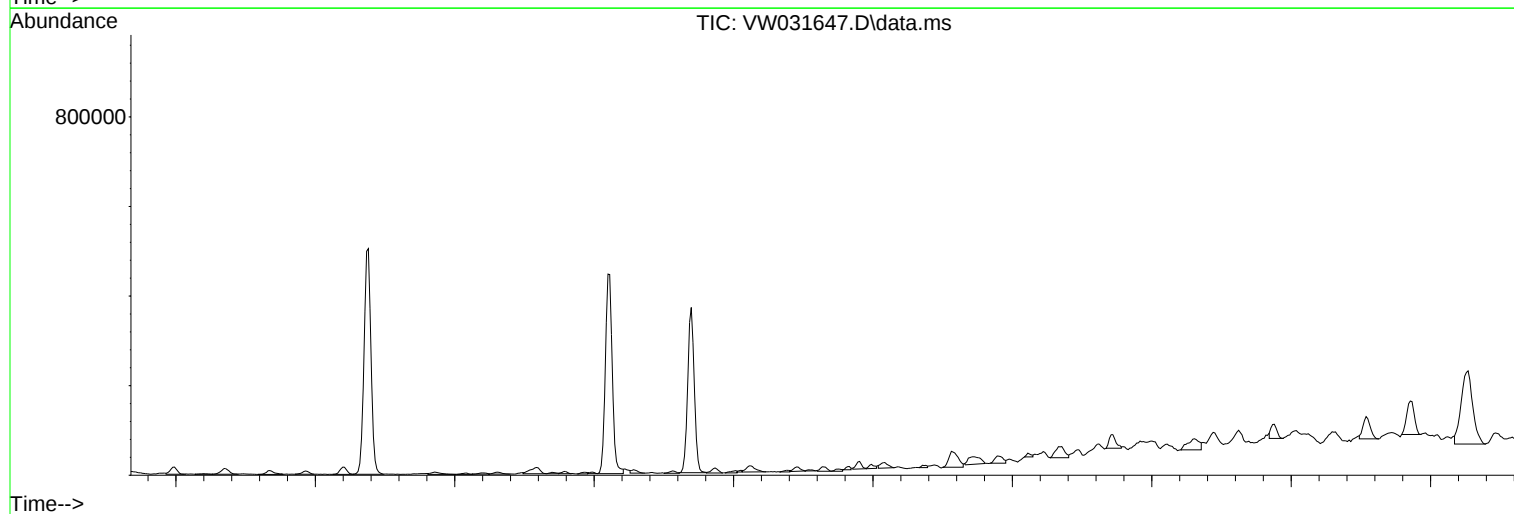
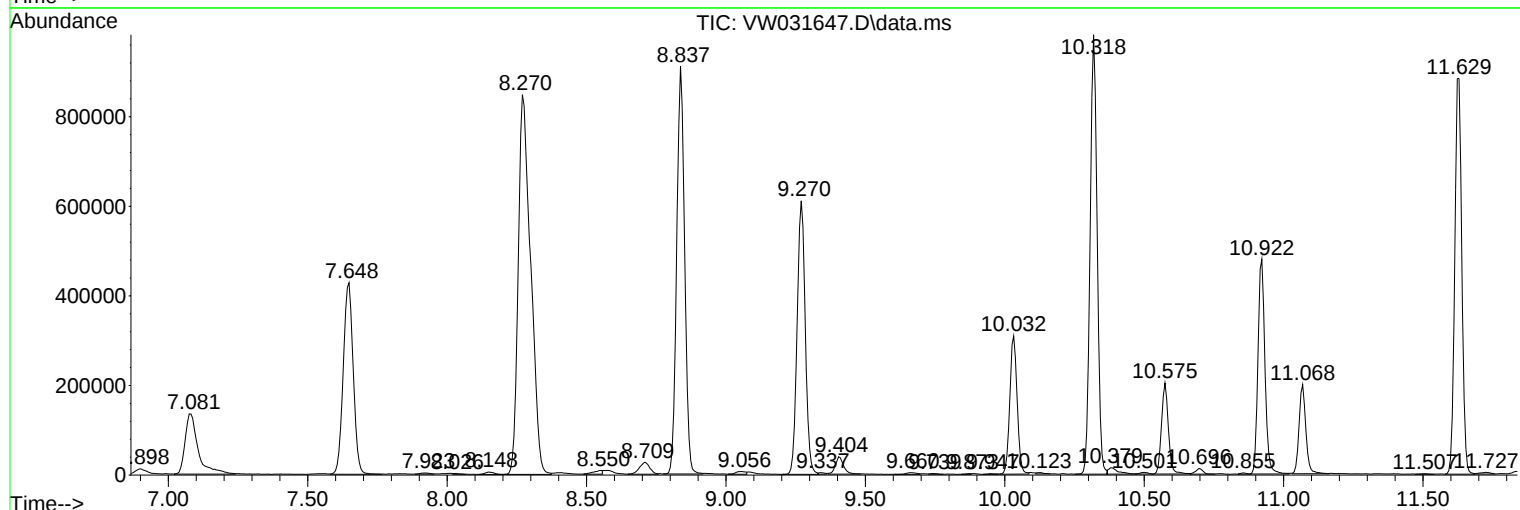
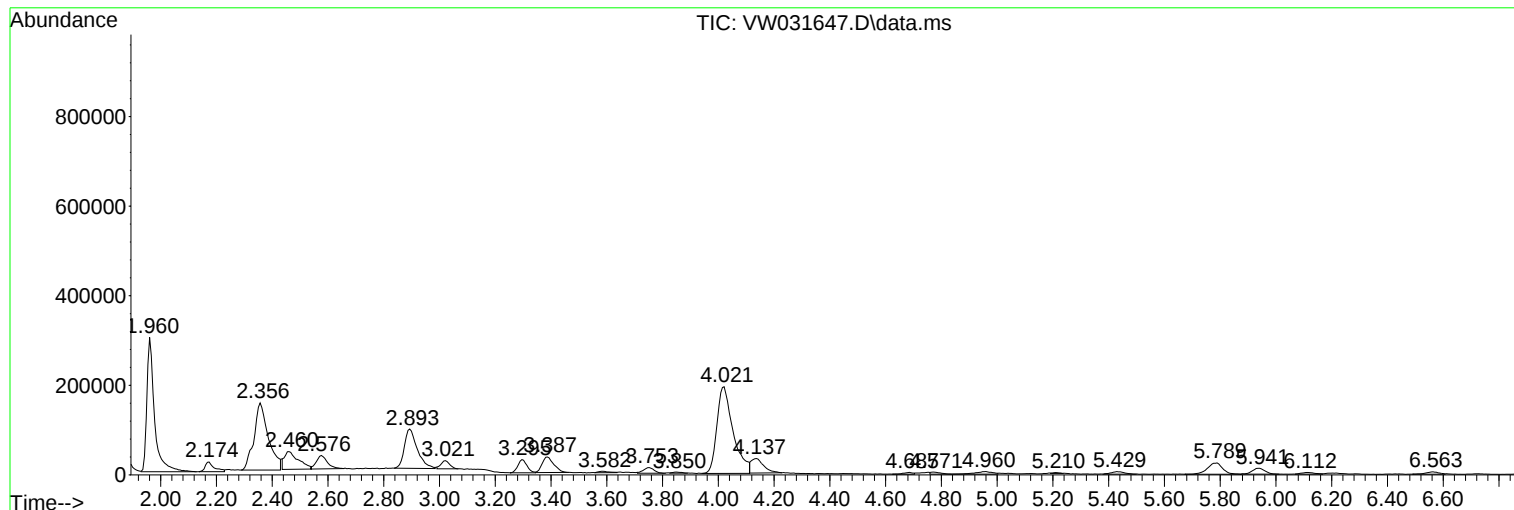
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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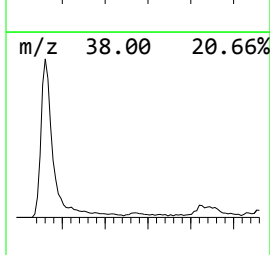
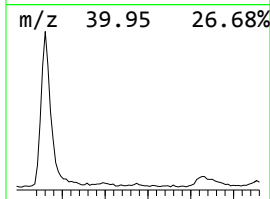
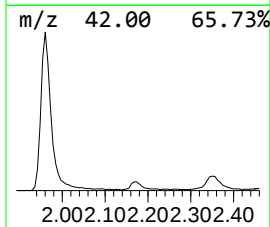
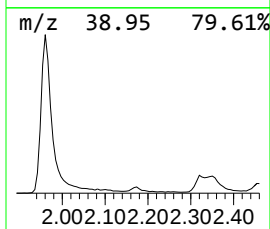
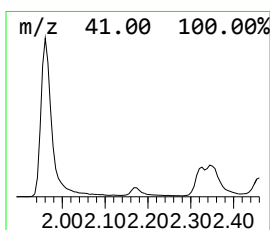
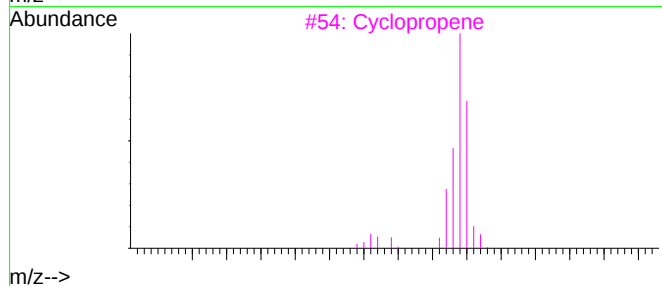
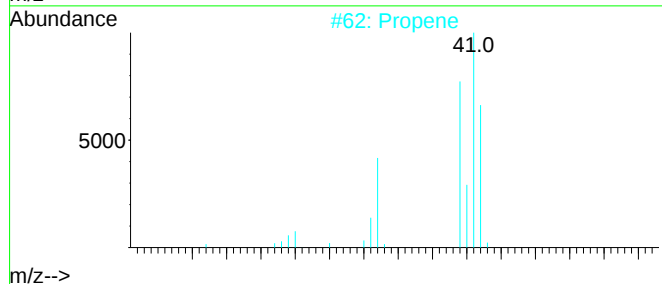
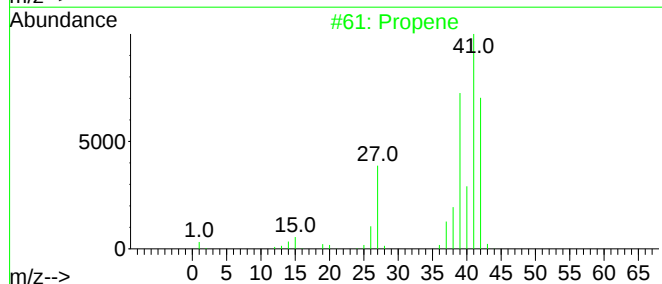
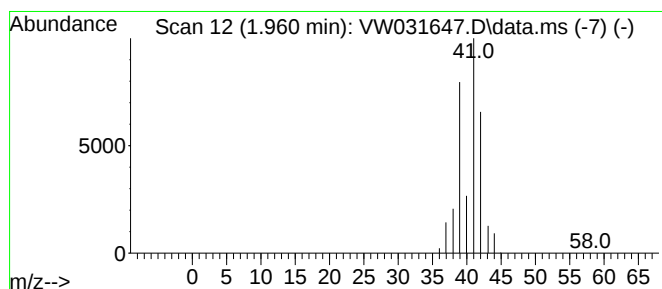
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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.	
1.960	7.90 ug/L	569469	1,4-Difluorobenzene	8.837	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	45
3	Cyclopropene	40	C3H4	002781-85-3	10
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropane	42	C3H6	000075-19-4	7



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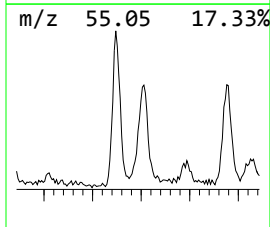
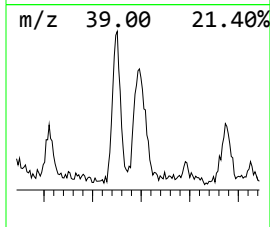
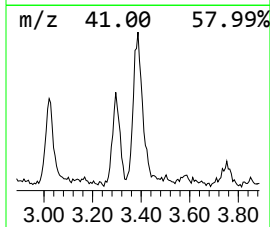
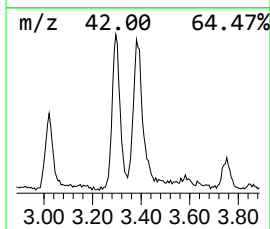
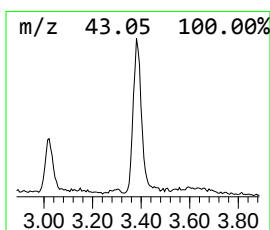
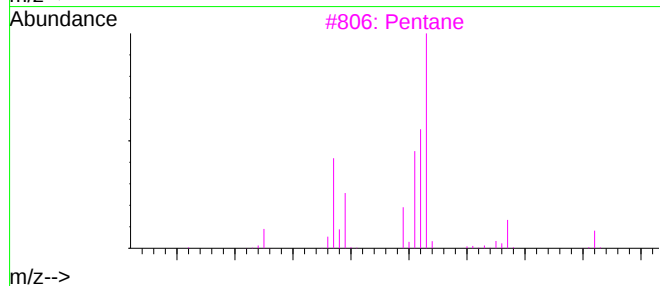
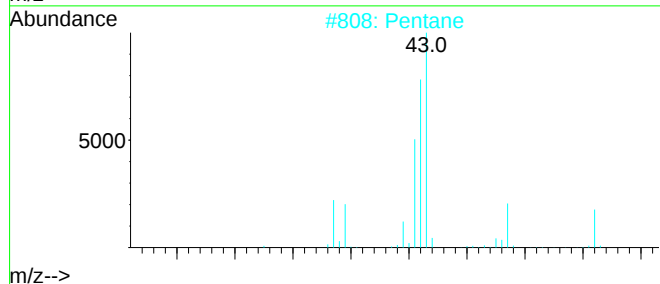
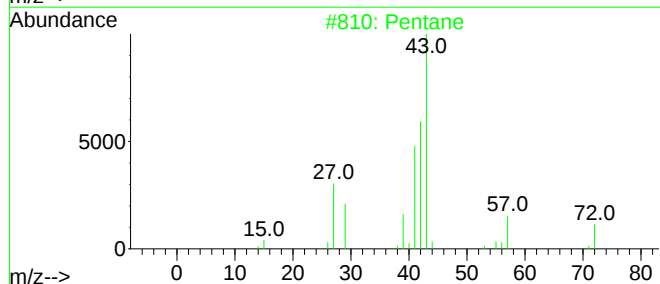
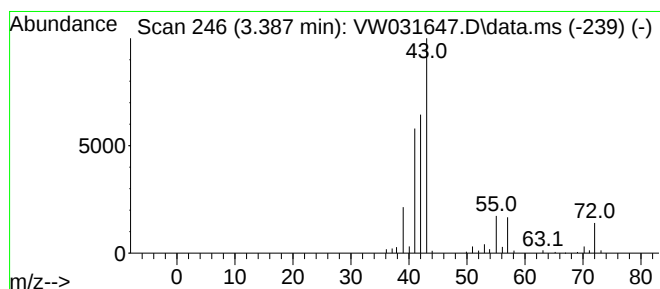
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.387	1.39 ug/L	100520	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	72
4	Pentane	72	C5H12	000109-66-0	64
5	Pentane	72	C5H12	000109-66-0	64



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

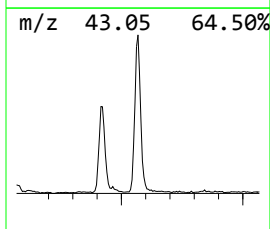
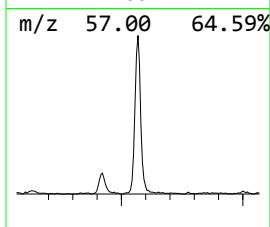
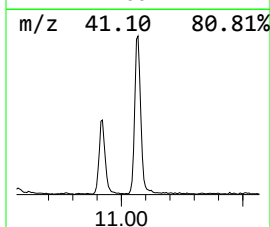
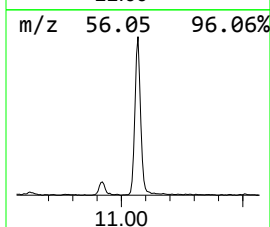
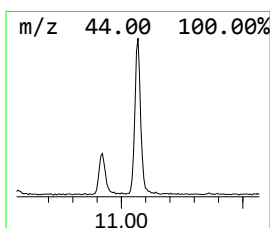
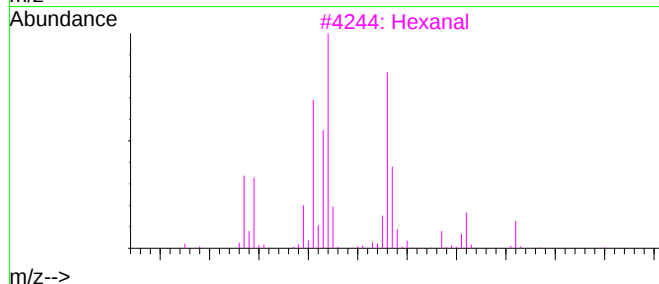
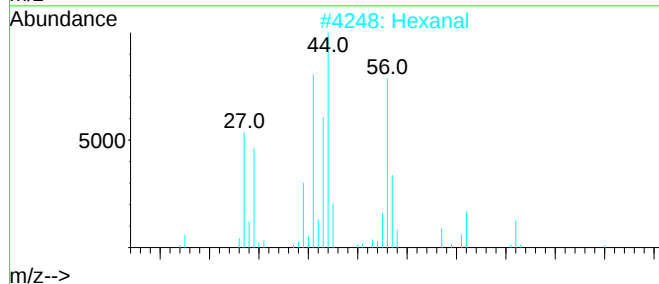
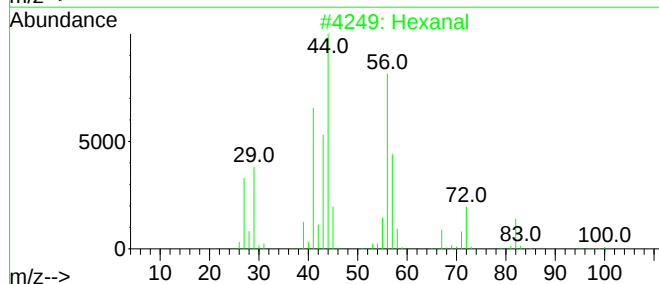
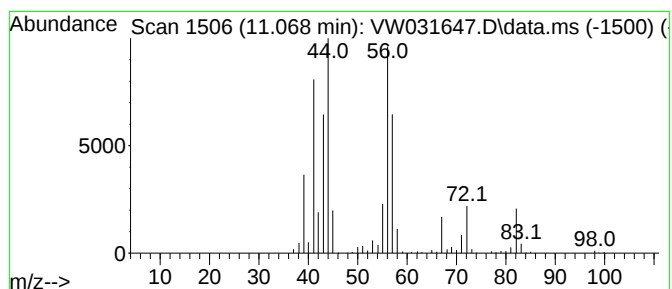
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	5.39 ug/L	332807	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	87
4	Hexanal	100	C6H12O	000066-25-1	86
5	Hexanal	100	C6H12O	000066-25-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031647.D
Acq On : 29 Jan 2025 17:33
Operator : SY/MD
Sample : Q1189-13
Misc : 16.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44R4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

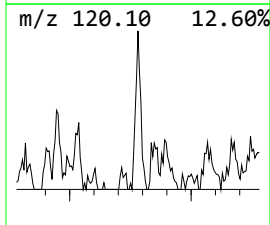
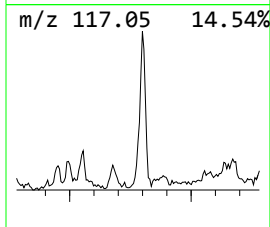
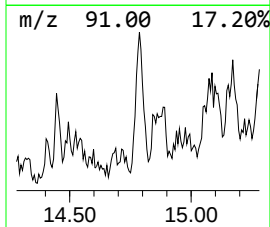
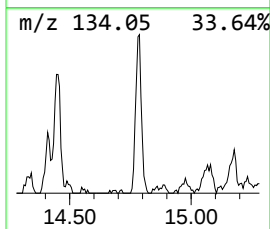
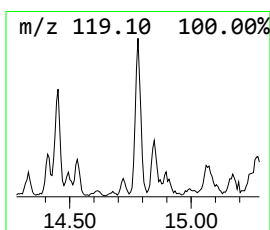
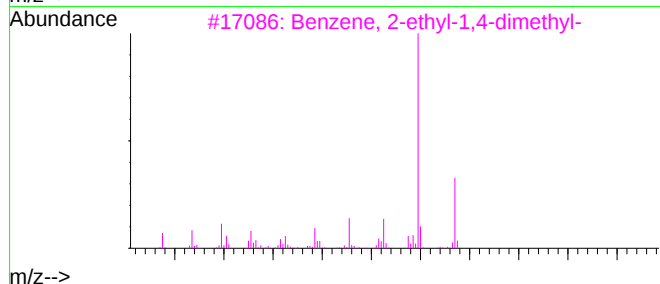
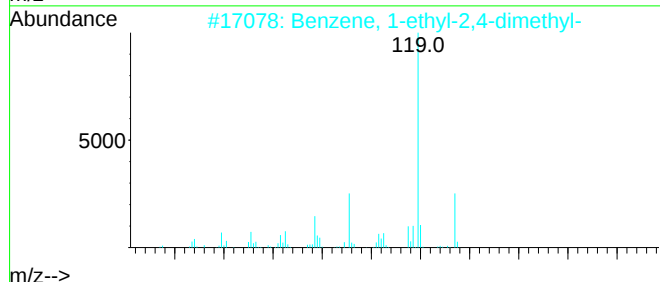
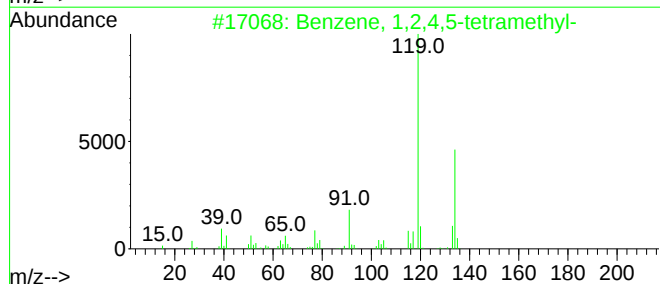
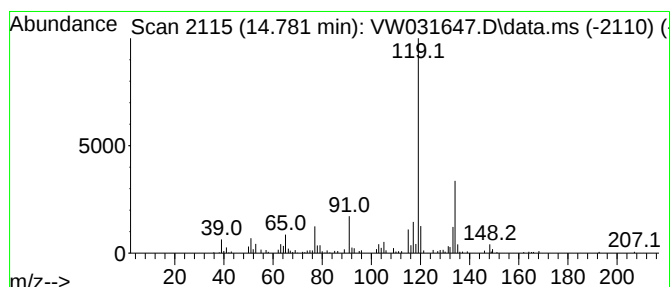
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.781	2.72 ug/L	83643	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031647.D
Acq On : 29 Jan 2025 17:33
Operator : SY/MD
Sample : Q1189-13
Misc : 16.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44R4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

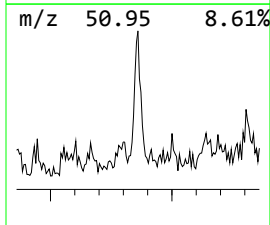
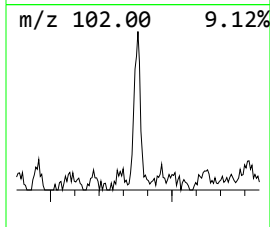
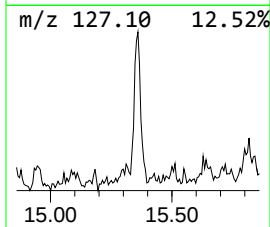
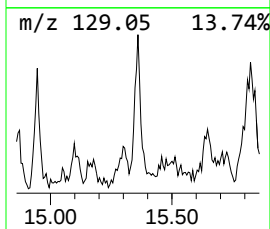
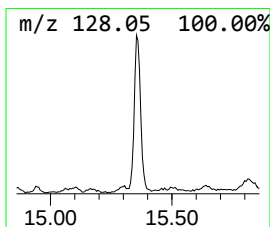
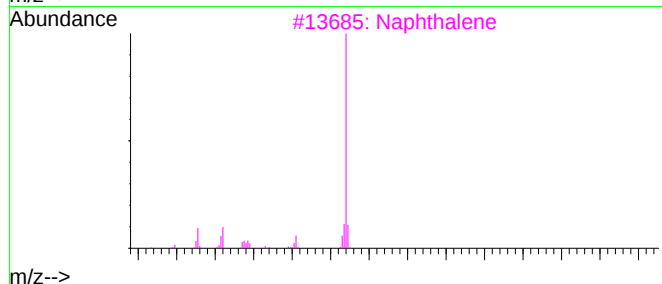
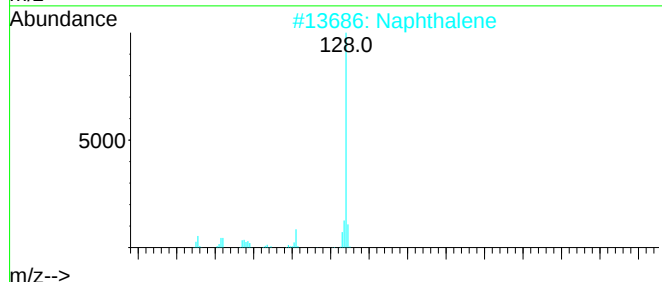
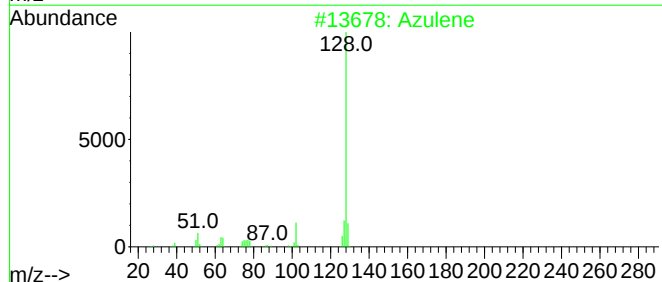
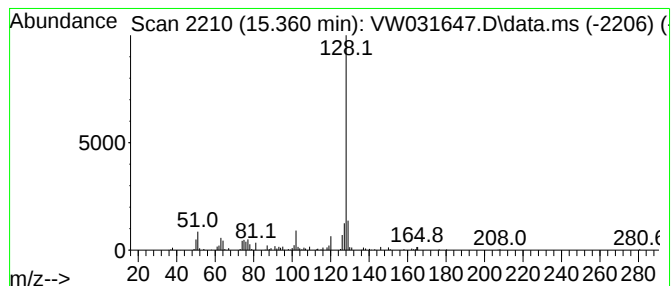
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 Azulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	1.65 ug/L	50683	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	94
2	Naphthalene	128	C10H8	000091-20-3	93
3	Naphthalene	128	C10H8	000091-20-3	91
4	Azulene	128	C10H8	000275-51-4	90
5	Azulene	128	C10H8	000275-51-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031647.D
Acq On : 29 Jan 2025 17:33
Operator : SY/MD
Sample : Q1189-13
Misc : 16.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44R4

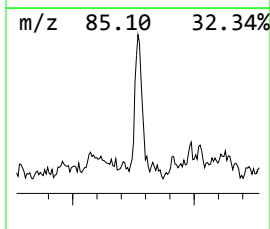
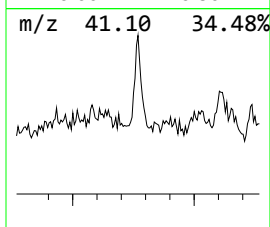
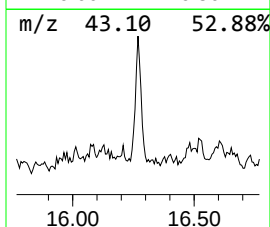
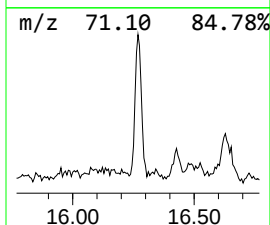
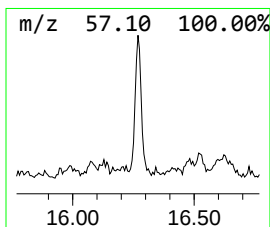
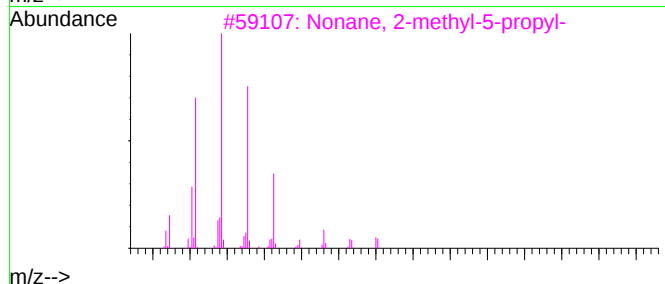
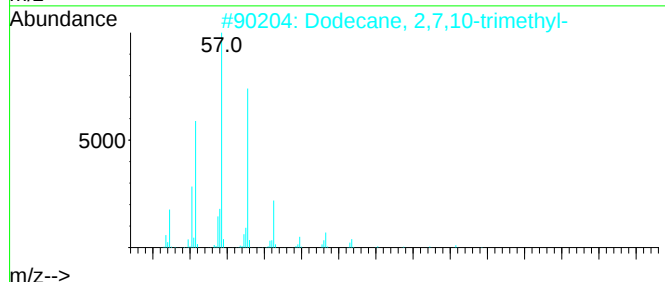
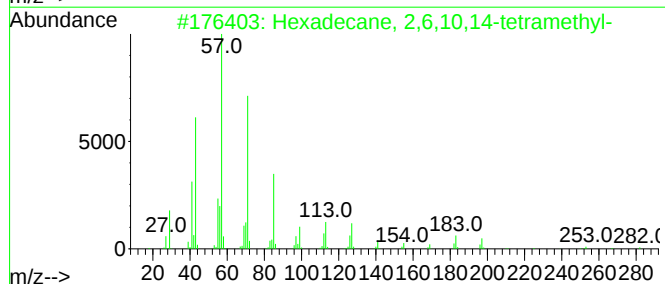
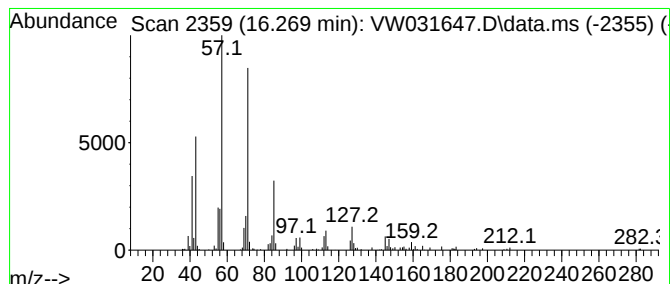
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.269	2.88 ug/L	88583	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
4	Hexadecane	226	C16H34	000544-76-3	59
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031647.D
Acq On : 29 Jan 2025 17:33
Operator : SY/MD
Sample : Q1189-13
Misc : 16.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44R4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.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...	1.960	7.9	ug/L	569469	1	8.837	1801680	25.0
(DEL) Alkane: S...	3.387	1.4	ug/L	100520	1	8.837	1801680	25.0
Hexanal	11.068	5.4	ug/L	332807	2	11.629	1544770	25.0
Benzene, 1,2,4,...	14.781	2.7	ug/L	83643	3	13.556	768119	25.0
Azulene	15.360	1.6	ug/L	50683	3	13.556	768119	25.0
(DEL) Alkane: S...	16.269	2.9	ug/L	88583	3	13.556	768119	25.0