

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122322\
 Data File : VW025197.D
 Acq On : 23 Dec 2022 15:18
 Operator : SY/MD
 Sample : N6171-01
 Misc : 4.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBQC1

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\SFAMWLM120822SMA.M
 Title : SFAM01.0

Signal : TIC: VW025197.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.989	11	14	27	rVB	18604	36578	1.47%	0.160%
2	2.154	36	41	43	rBV3	4356	7211	0.29%	0.032%
3	2.349	67	73	83	rVB	163500	265873	10.69%	1.162%
4	2.489	90	96	107	rBV	71889	138109	5.55%	0.603%
5	2.635	116	120	127	rVB6	3873	8206	0.33%	0.036%
6	2.806	143	148	154	rBV	11555	22002	0.88%	0.096%
7	2.879	154	160	176	rVB	103490	230566	9.27%	1.007%
8	3.032	177	185	193	rVB6	6056	15299	0.62%	0.067%
9	3.202	211	213	218	rVB2	835	950	0.04%	0.004%
10	3.306	226	230	232	rBV3	619	856	0.03%	0.004%
11	3.385	232	243	272	rBV	981146	2384722	95.88%	10.420%
12	4.019	335	347	357	rBV	281513	836463	33.63%	3.655%
13	4.117	357	363	381	rVV	55498	154704	6.22%	0.676%
14	4.263	381	387	395	rVB5	3097	8572	0.34%	0.037%
15	4.672	447	454	462	rVV4	2672	7571	0.30%	0.033%
16	4.922	481	495	502	rBV4	19918	74947	3.01%	0.327%
17	5.013	502	510	524	rVV	44935	155727	6.26%	0.680%
18	5.111	524	526	530	rVB3	661	905	0.04%	0.004%
19	5.415	574	576	579	rBV2	716	945	0.04%	0.004%
20	5.659	610	616	620	rVV2	282	634	0.03%	0.003%
21	5.787	627	637	649	rVV5	5381	18849	0.76%	0.082%
22	5.940	652	662	671	rVV4	9959	30292	1.22%	0.132%
23	6.110	685	690	692	rBV2	941	1561	0.06%	0.007%
24	6.604	766	771	778	rVV2	875	1762	0.07%	0.008%
25	6.897	810	819	827	rBV3	9130	27308	1.10%	0.119%
26	7.074	839	848	859	rBV	127606	352730	14.18%	1.541%
27	7.549	921	926	931	rVV4	1000	2303	0.09%	0.010%
28	7.647	931	942	956	rVV	397650	996231	40.06%	4.353%
29	7.769	956	962	968	rVB8	857	2047	0.08%	0.009%
30	7.915	984	986	989	rBV2	727	910	0.04%	0.004%
31	8.165	1024	1027	1031	rVB4	565	663	0.03%	0.003%
32	8.275	1033	1045	1061	rBV2	819560	2487109	100.00%	10.867%
33	8.476	1076	1078	1080	rBV3	560	597	0.02%	0.003%
34	8.555	1082	1091	1101	rVB3	8943	21831	0.88%	0.095%
35	8.701	1108	1115	1126	rVB2	9547	22178	0.89%	0.097%
36	8.842	1129	1138	1148	rBV	926852	1816030	73.02%	7.935%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Title : SFAM01.0

37	9.079	1168	1177	1184	rBV8	4914	12274	0.49%	0.054%
38	9.274	1200	1209	1218	rBV	620520	1260617	50.69%	5.508%
39	9.409	1225	1231	1238	rVB	17041	32017	1.29%	0.140%
40	9.598	1257	1262	1267	rBV5	1058	2016	0.08%	0.009%
41	9.665	1267	1273	1280	rVV4	4907	10567	0.42%	0.046%
42	9.738	1283	1285	1289	rVB2	476	674	0.03%	0.003%
43	9.951	1315	1320	1321	rBV2	1295	1396	0.06%	0.006%
44	10.037	1323	1334	1342	rVV	336680	621915	25.01%	2.717%
45	10.122	1346	1348	1357	rVB5	3503	6478	0.26%	0.028%
46	10.219	1357	1364	1366	rBV5	1067	1823	0.07%	0.008%
47	10.244	1366	1368	1371	rVB3	527	606	0.02%	0.003%
48	10.323	1371	1381	1388	rBV	1247144	2182781	87.76%	9.537%
49	10.384	1388	1391	1398	rVB2	9551	16981	0.68%	0.074%
50	10.506	1405	1411	1415	rBV5	2592	4461	0.18%	0.019%
51	10.573	1415	1422	1430	rBV	218569	389366	15.66%	1.701%
52	10.701	1437	1443	1449	rVB	22143	39602	1.59%	0.173%
53	10.860	1460	1469	1474	rBV2	160592	308641	12.41%	1.349%
54	10.921	1474	1479	1497	rVV	507044	863686	34.73%	3.774%
55	11.067	1498	1503	1515	rVV	38220	72114	2.90%	0.315%
56	11.177	1516	1521	1527	rVB6	1979	3712	0.15%	0.016%
57	11.329	1543	1546	1548	rBV4	1283	1479	0.06%	0.006%
58	11.402	1552	1558	1565	rBV4	8709	15397	0.62%	0.067%
59	11.506	1573	1575	1580	rBV2	1105	1405	0.06%	0.006%
60	11.628	1586	1595	1606	rBV	1280086	2148385	86.38%	9.387%
61	11.731	1606	1612	1617	rVB3	2560	4960	0.20%	0.022%
62	11.847	1625	1631	1640	rBV4	7196	17699	0.71%	0.077%
63	11.939	1642	1646	1656	rVB3	7830	14371	0.58%	0.063%
64	12.176	1679	1685	1690	rVB5	3230	5948	0.24%	0.026%
65	12.243	1693	1696	1702	rVB4	1567	3005	0.12%	0.013%
66	12.335	1705	1711	1718	rBV2	16417	28110	1.13%	0.123%
67	12.463	1729	1732	1736	rVV4	1913	2846	0.11%	0.012%
68	12.542	1743	1745	1747	rBV2	1161	1064	0.04%	0.005%
69	12.567	1747	1749	1750	rVV2	1071	953	0.04%	0.004%
70	12.603	1750	1755	1762	rVB	35929	57936	2.33%	0.253%
71	12.688	1762	1769	1777	rBV	601693	996062	40.05%	4.352%
72	12.884	1793	1801	1804	rBV5	1778	3990	0.16%	0.017%
73	12.932	1804	1809	1816	rVV4	11349	20770	0.84%	0.091%
74	13.048	1823	1828	1833	rBV4	3946	6474	0.26%	0.028%
75	13.268	1855	1864	1877	rVB	39607	82322	3.31%	0.360%
76	13.396	1879	1885	1891	rBV3	13094	22964	0.92%	0.100%

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 Title : SFAM01.0

77	13.499	1893	1902	1905	rBV	21221	35017	1.41%	0.153%
78	13.554	1905	1911	1922	rVB	1113115	1772125	71.25%	7.743%
79	13.646	1922	1926	1932	rVB4	5423	9405	0.38%	0.041%
80	13.768	1938	1946	1948	rBV8	1179	2853	0.11%	0.012%
81	13.847	1952	1959	1966	rBV	848284	1445104	58.10%	6.314%
82	13.944	1973	1975	1982	rVB5	3141	4216	0.17%	0.018%
83	14.018	1983	1987	1990	rVV6	2796	4441	0.18%	0.019%
84	14.060	1990	1994	2000	rVB2	15232	24002	0.97%	0.105%
85	14.249	2023	2025	2029	rVB4	865	841	0.03%	0.004%
86	14.322	2032	2037	2041	rBV6	10096	17636	0.71%	0.077%
87	14.621	2083	2086	2092	rVB6	3854	5937	0.24%	0.026%
88	14.719	2093	2102	2107	rVV	22130	35822	1.44%	0.157%
89	14.834	2117	2121	2122	rVB3	950	1086	0.04%	0.005%
90	14.987	2144	2146	2150	rBV5	1126	824	0.03%	0.004%
91	15.127	2166	2169	2173	rBV6	2279	3644	0.15%	0.016%
92	15.170	2173	2176	2179	rBV4	2548	3344	0.13%	0.015%
93	15.243	2185	2188	2192	rVB6	2879	4435	0.18%	0.019%
94	15.310	2196	2199	2200	rBV3	1661	1657	0.07%	0.007%
95	15.353	2204	2206	2208	rBV3	3113	3192	0.13%	0.014%
96	15.395	2208	2213	2220	rVB	39476	66297	2.67%	0.290%
97	15.481	2220	2227	2232	rBV3	6865	14711	0.59%	0.064%
98	15.590	2243	2245	2252	rVB5	3269	4978	0.20%	0.022%
99	15.792	2274	2278	2286	rVB5	7660	12705	0.51%	0.056%
100	16.487	2388	2392	2397	rVB3	6634	11322	0.46%	0.049%

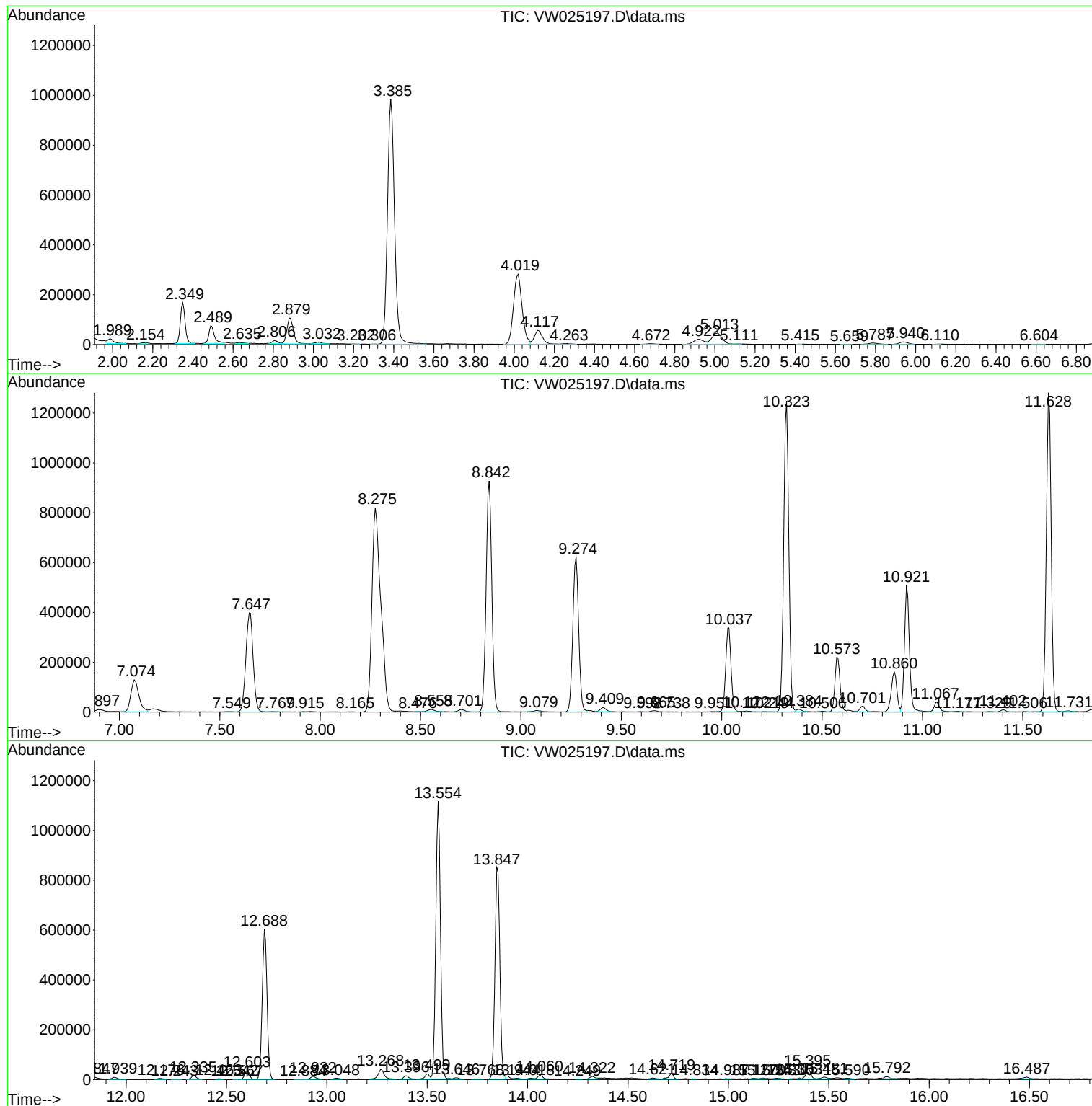
Sum of corrected areas: 22886702

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Instrument :
MSVOA_W
ClientSampleId :
GBQC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.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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GBQC1

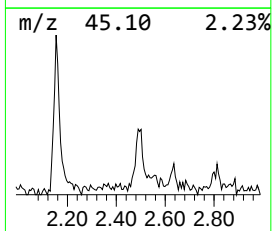
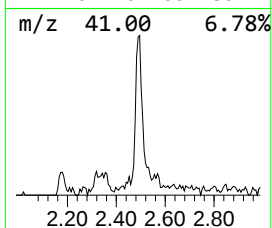
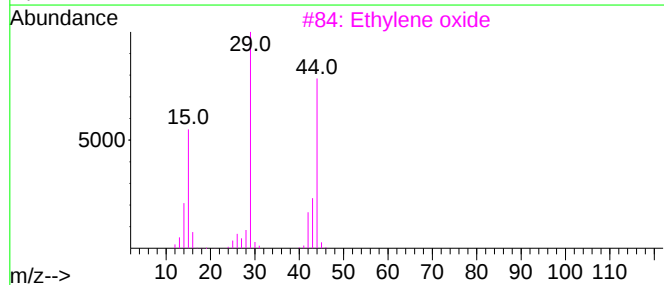
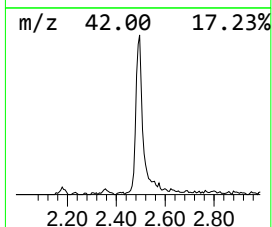
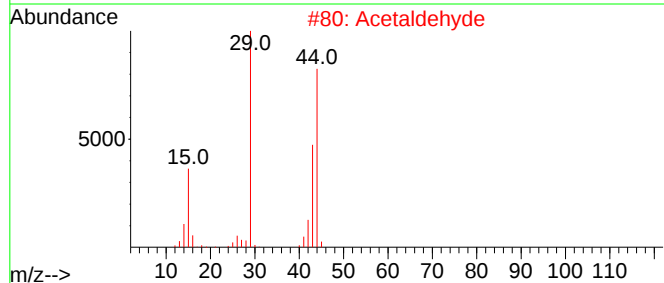
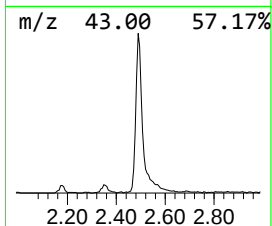
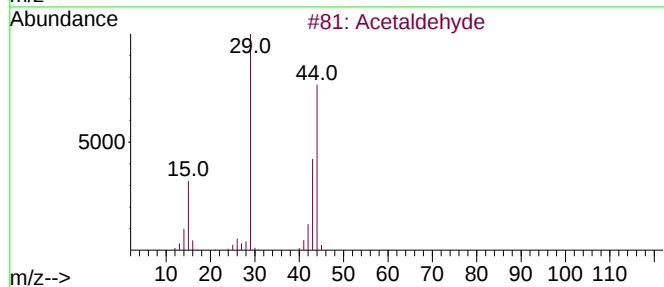
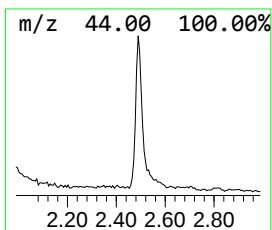
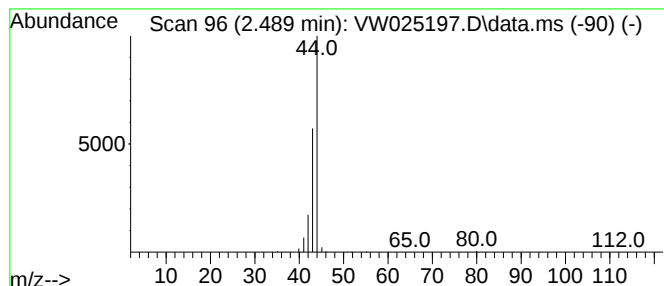
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	1.90 ug/L	138109	1,4-Difluorobenzene	8.842

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			Ethylene oxide	44	C2H4O	000075-21-8	5
4			Propane	44	C3H8	000074-98-6	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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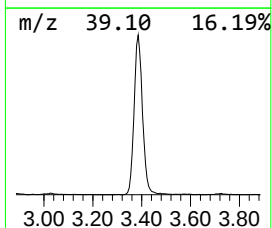
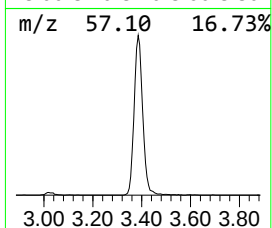
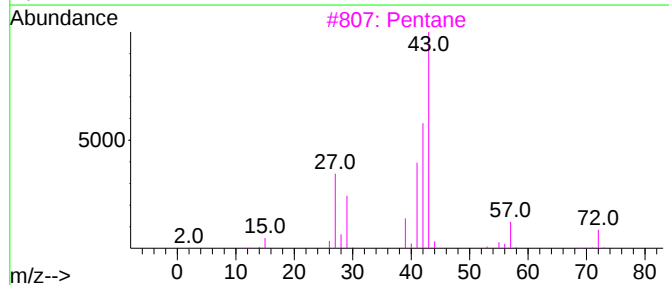
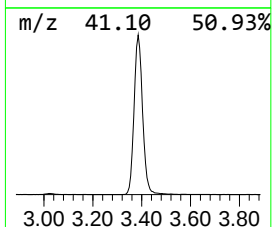
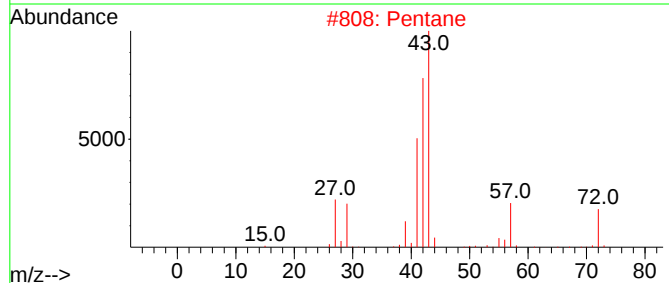
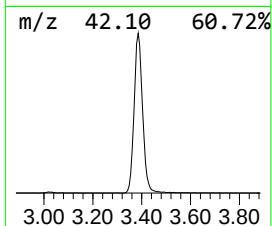
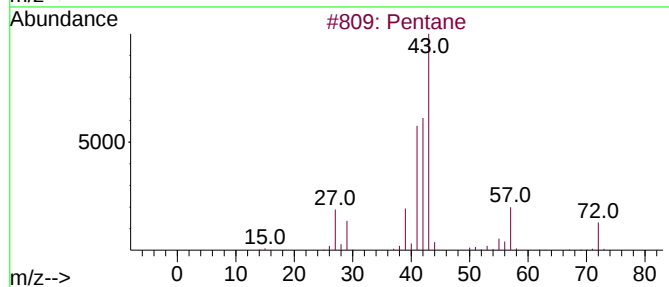
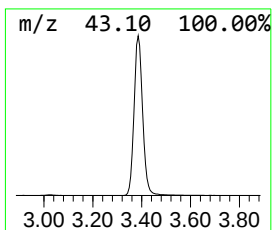
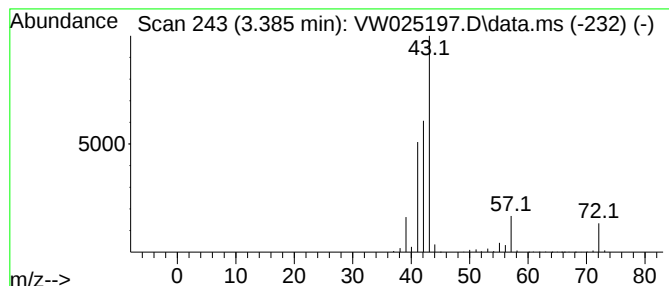
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
3.385	32.83 ug/L	2384720	1,4-Difluorobenzene		8.842	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentane		72	C5H12	000109-66-0	91
2	Pentane		72	C5H12	000109-66-0	91
3	Pentane		72	C5H12	000109-66-0	90
4	Pentane		72	C5H12	000109-66-0	86
5	Pentane		72	C5H12	000109-66-0	86



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Instrument :
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ClientSampleId :
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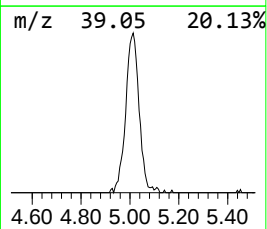
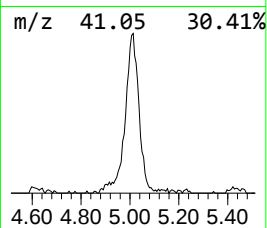
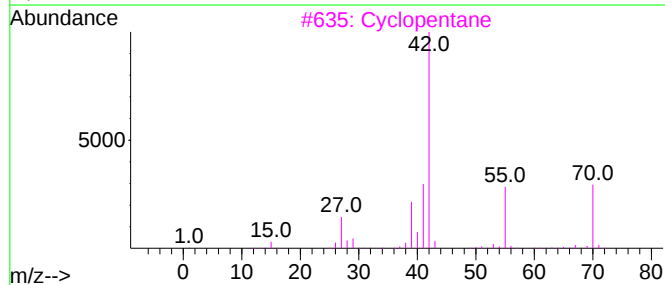
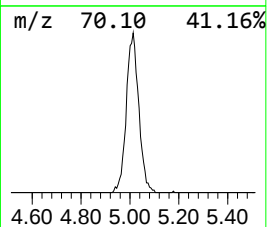
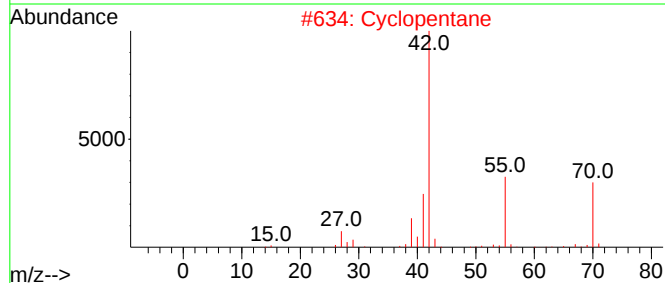
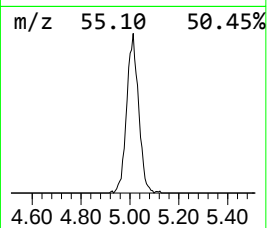
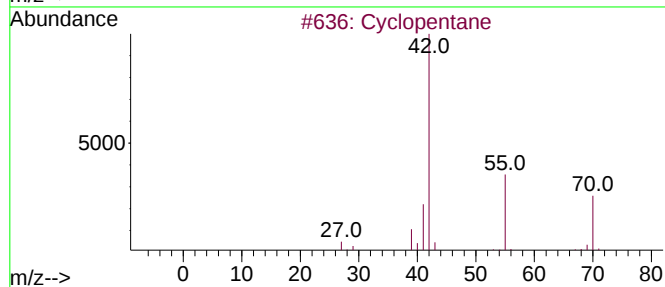
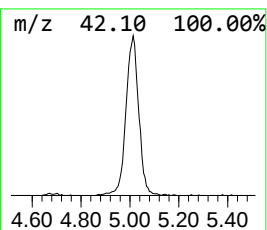
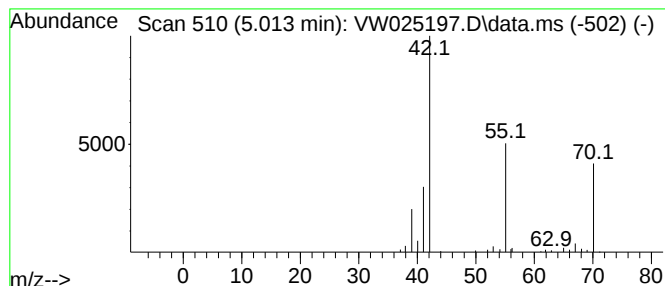
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic5.013 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.013	2.14 ug/L	155727	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane	70	C5H10	000287-92-3	78
2		Cyclopentane	70	C5H10	000287-92-3	78
3		Cyclopentane	70	C5H10	000287-92-3	72
4		1-Pentene	70	C5H10	000109-67-1	50
5		1-Pentene	70	C5H10	000109-67-1	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122322\
Data File : VW025197.D
Acq On : 23 Dec 2022 15:18
Operator : SY/MD
Sample : N6171-01
Misc : 4.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBQC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.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
unknown-01	2.489	1.9	ug/L	138109	1	8.842	1816030	25.0
(DEL) Alkane: S...	3.385	32.8	ug/L	2384720	1	8.842	1816030	25.0
(DEL) Alkane: C...	5.013	2.1	ug/L	155727	1	8.842	1816030	25.0