

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036060.D
 Acq On : 13 Jun 2024 14:08
 Operator : SY/MD
 Sample : P2850-05
 Misc : 5.41g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB06

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_V\Method\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV036060.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	9	14	30	rVB2	176826	202330	7.93%	1.561%
2	1.282	66	75	90	rBV2	2375469	2552563	100.00%	19.698%
3	1.349	91	96	102	rVB	49298	49548	1.94%	0.382%
4	1.529	145	152	164	rVB	230382	270003	10.58%	2.084%
5	1.764	219	225	237	rVB	27029	37975	1.49%	0.293%
6	2.056	305	316	327	rBV	489609	726095	28.45%	5.603%
7	2.240	364	373	389	rVB	15106	25073	0.98%	0.193%
8	2.446	427	437	452	rBV	34043	60839	2.38%	0.470%
9	2.696	506	515	528	rBV3	19883	36702	1.44%	0.283%
10	2.896	566	577	585	rBV6	2421	5455	0.21%	0.042%
11	2.970	591	600	618	rVB3	7639	16283	0.64%	0.126%
12	3.079	631	634	636	rBV4	606	429	0.02%	0.003%
13	3.108	639	643	645	rBV4	795	671	0.03%	0.005%
14	3.269	690	693	698	rVB3	553	535	0.02%	0.004%
15	3.368	719	724	726	rBV5	594	601	0.02%	0.005%
16	3.484	756	760	766	rVB3	395	389	0.02%	0.003%
17	3.667	812	817	822	rBV4	1238	1635	0.06%	0.013%
18	3.809	846	861	901	rBV	723668	1792145	70.21%	13.830%
19	4.246	982	997	1032	rBV	234838	625777	24.52%	4.829%
20	4.809	1167	1172	1173	rBV4	1050	879	0.03%	0.007%
21	4.953	1201	1217	1256	rBV2	550176	1391868	54.53%	10.741%
22	5.336	1333	1336	1342	rVB6	809	822	0.03%	0.006%
23	5.391	1349	1353	1354	rBV2	605	400	0.02%	0.003%
24	5.413	1354	1360	1363	rBV5	1559	1957	0.08%	0.015%
25	5.532	1385	1397	1434	rBV	350999	757319	29.67%	5.844%
26	5.838	1479	1492	1523	rVB5	37483	96483	3.78%	0.745%
27	5.986	1523	1538	1571	rBV	294044	631048	24.72%	4.870%
28	6.214	1606	1609	1615	rVB5	871	636	0.02%	0.005%
29	6.275	1626	1628	1631	rBV3	634	514	0.02%	0.004%
30	6.394	1660	1665	1670	rBV3	829	896	0.04%	0.007%
31	6.523	1700	1705	1711	rBV4	596	642	0.03%	0.005%
32	6.915	1816	1827	1851	rBV	105430	215063	8.43%	1.660%
33	7.243	1918	1929	1948	rBV	595242	1066782	41.79%	8.232%
34	7.558	2018	2027	2052	rBV	57869	116331	4.56%	0.898%
35	7.712	2071	2075	2081	rBV6	935	1177	0.05%	0.009%
36	7.873	2115	2125	2131	rBV2	11581	21145	0.83%	0.163%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Title : VOC Analysis

37	8.008	2162	2167	2168	rBV4	832	590	0.02%	0.005%
38	8.037	2168	2176	2196	rBV2	33354	78146	3.06%	0.603%
39	8.317	2260	2263	2266	rBV5	670	617	0.02%	0.005%
40	8.522	2318	2327	2334	rBV7	1411	2487	0.10%	0.019%
41	8.551	2334	2336	2342	rBV5	784	802	0.03%	0.006%
42	8.593	2346	2349	2350	rBV2	1226	634	0.02%	0.005%
43	8.667	2365	2372	2383	rVB4	1909	2858	0.11%	0.022%
44	8.719	2383	2388	2392	rBV5	1211	1257	0.05%	0.010%
45	8.783	2398	2408	2437	rBV	431980	742892	29.10%	5.733%
46	9.005	2470	2477	2491	rVB2	5436	9619	0.38%	0.074%
47	9.355	2580	2586	2588	rBV3	604	566	0.02%	0.004%
48	9.403	2596	2601	2603	rBV4	1186	1095	0.04%	0.008%
49	9.490	2623	2628	2630	rBV3	1010	925	0.04%	0.007%
50	9.600	2658	2662	2666	rBV5	575	596	0.02%	0.005%
51	9.625	2666	2670	2672	rVV3	839	552	0.02%	0.004%
52	9.651	2673	2678	2681	rVB6	867	976	0.04%	0.008%
53	9.712	2694	2697	2699	rBV2	670	483	0.02%	0.004%
54	9.735	2701	2704	2706	rBV4	883	639	0.03%	0.005%
55	9.783	2712	2719	2721	rBV5	1760	2011	0.08%	0.016%
56	9.802	2721	2725	2729	rVB	12824	8939	0.35%	0.069%
57	9.866	2742	2745	2749	rBV4	639	529	0.02%	0.004%
58	9.953	2767	2772	2779	rVV7	1026	1421	0.06%	0.011%
59	10.005	2785	2788	2790	rBV3	657	443	0.02%	0.003%
60	10.153	2823	2834	2855	rBV	140965	231834	9.08%	1.789%
61	10.323	2876	2887	2899	rVV	22430	37379	1.46%	0.288%
62	10.368	2899	2901	2907	rVB4	711	473	0.02%	0.004%
63	10.516	2940	2947	2957	rVB3	5644	8955	0.35%	0.069%
64	10.593	2968	2971	2977	rVB4	979	1042	0.04%	0.008%
65	10.622	2977	2980	2985	rVB3	643	593	0.02%	0.005%
66	10.731	3010	3014	3017	rBV4	529	438	0.02%	0.003%
67	10.796	3031	3034	3039	rBV4	991	1175	0.05%	0.009%
68	10.857	3046	3053	3063	rVB8	1424	2158	0.08%	0.017%
69	11.027	3098	3106	3114	rVB5	2339	3724	0.15%	0.029%
70	11.088	3119	3125	3126	rBV3	1416	1104	0.04%	0.009%
71	11.181	3144	3154	3174	rBV	301675	491040	19.24%	3.789%
72	11.519	3255	3259	3260	rBV2	872	647	0.03%	0.005%
73	11.558	3260	3271	3297	rVV	320731	522971	20.49%	4.036%
74	11.731	3318	3325	3333	rBV5	3195	4380	0.17%	0.034%
75	11.780	3335	3340	3352	rVB8	3490	5695	0.22%	0.044%
76	11.831	3352	3356	3357	rBV2	2112	1368	0.05%	0.011%

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 Title : VOC Analysis

77	12.017	3412	3414	3420	rVB2	1409	928	0.04%	0.007%
78	12.127	3445	3448	3450	rBV2	920	504	0.02%	0.004%
79	12.194	3460	3469	3480	rVB2	12450	20309	0.80%	0.157%
80	12.300	3495	3502	3511	rBV7	3983	6972	0.27%	0.054%
81	12.509	3563	3567	3569	rBV	776	658	0.03%	0.005%
82	12.789	3647	3654	3657	rBV4	1552	1841	0.07%	0.014%
83	12.828	3659	3666	3676	rVB3	10534	15709	0.62%	0.121%
84	12.924	3688	3696	3699	rBV6	755	975	0.04%	0.008%
85	12.947	3699	3703	3704	rBV3	861	614	0.02%	0.005%
86	12.972	3708	3711	3712	rBV3	786	438	0.02%	0.003%
87	13.027	3725	3728	3732	rBV3	604	404	0.02%	0.003%
88	13.214	3784	3786	3789	rVB	778	455	0.02%	0.004%
89	13.648	3918	3921	3924	rBV3	549	426	0.02%	0.003%
90	13.686	3924	3933	3944	rVB7	3366	5956	0.23%	0.046%
91	13.841	3974	3981	3995	rVB5	6850	10926	0.43%	0.084%
92	13.947	4011	4014	4015	rBV2	713	398	0.02%	0.003%
93	13.985	4020	4026	4030	rVB3	2110	2428	0.10%	0.019%
94	14.033	4035	4041	4043	rBV6	836	880	0.03%	0.007%
95	14.220	4094	4099	4105	rVV7	1628	1763	0.07%	0.014%
96	14.265	4109	4113	4114	rBV3	717	593	0.02%	0.005%
97	14.345	4135	4138	4139	rBV3	838	476	0.02%	0.004%
98	14.722	4253	4255	4258	rBV4	861	493	0.02%	0.004%
99	15.210	4405	4407	4410	rBV3	774	488	0.02%	0.004%
100	15.294	4431	4433	4436	rBV3	711	493	0.02%	0.004%

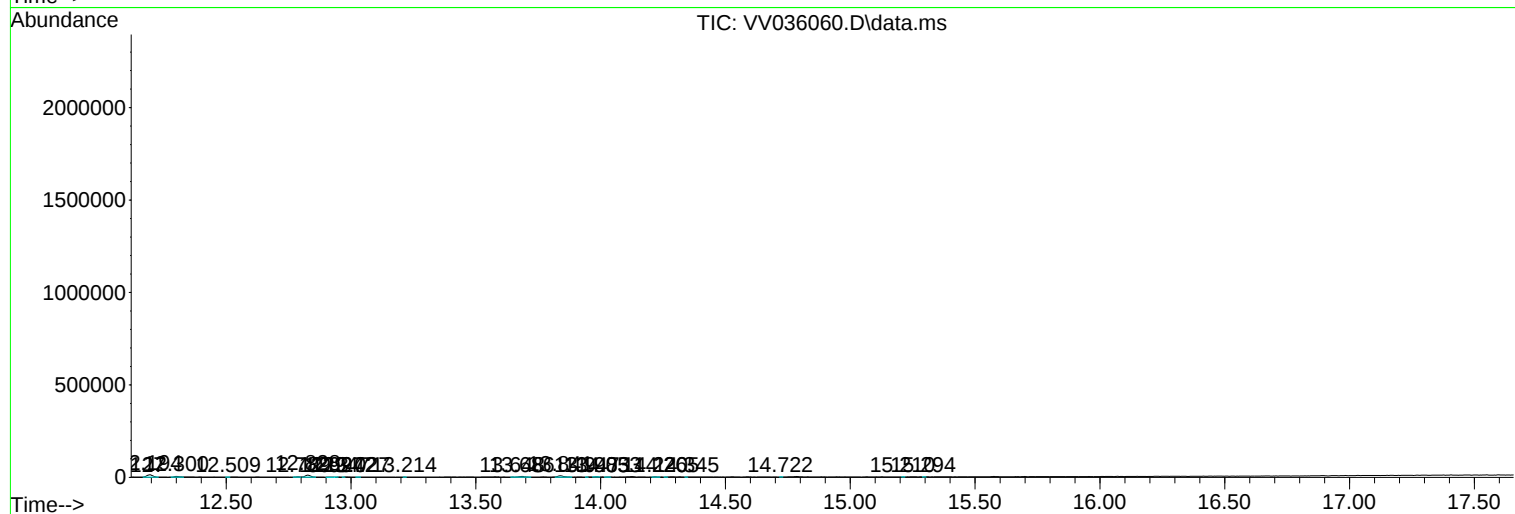
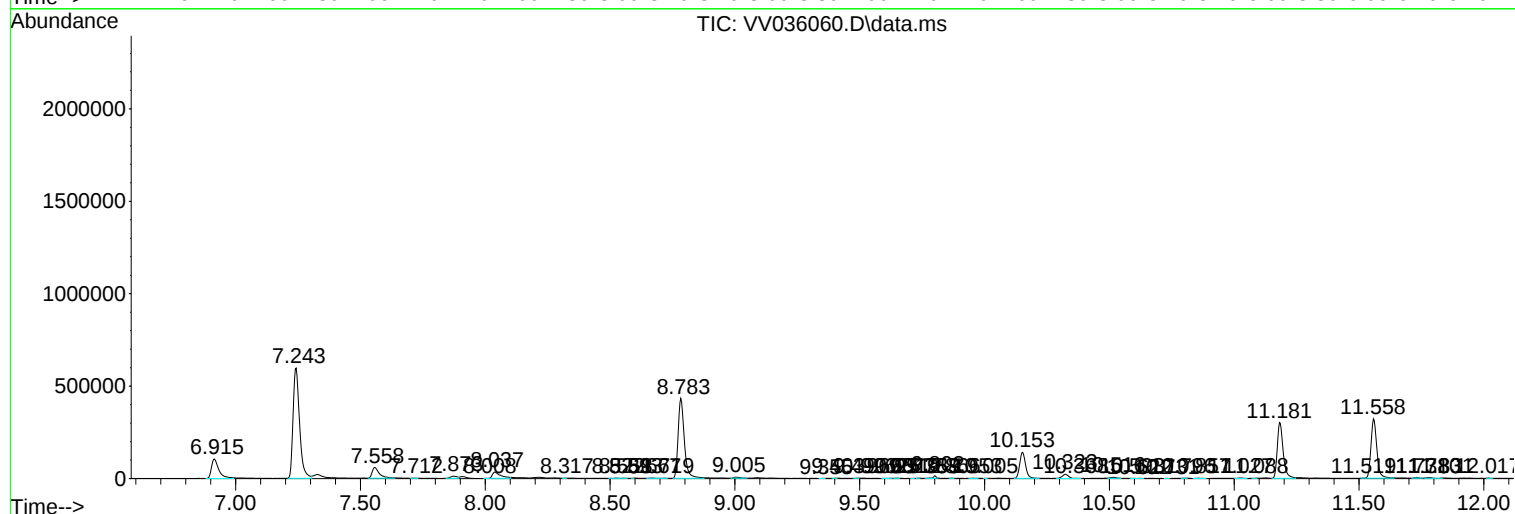
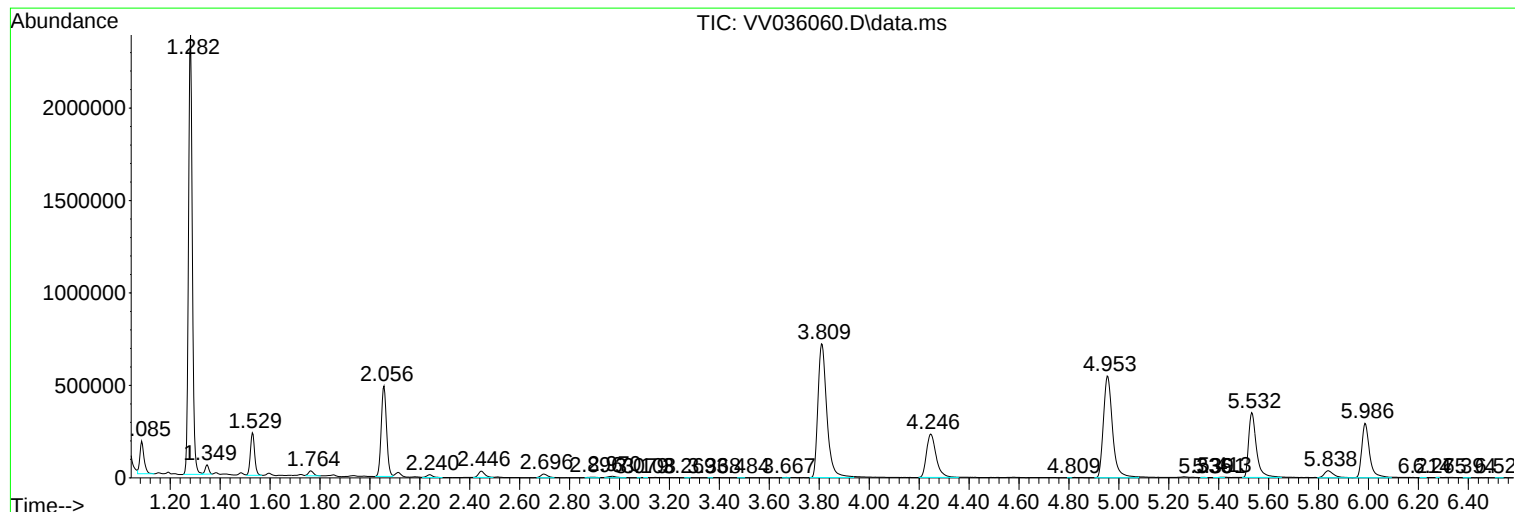
Sum of corrected areas: 12958190

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB06

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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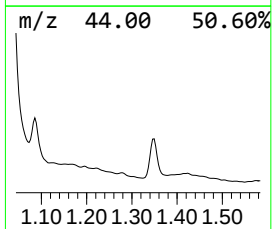
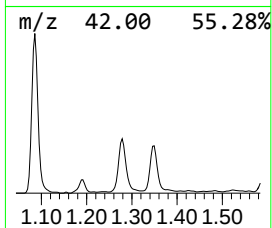
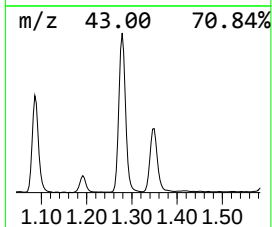
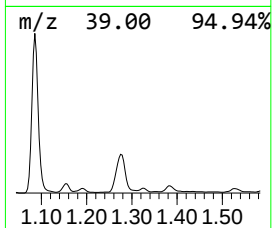
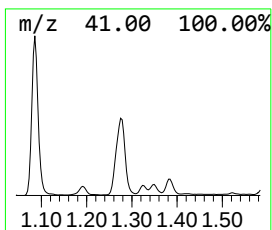
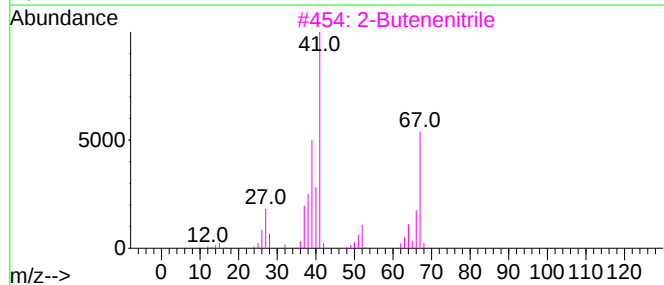
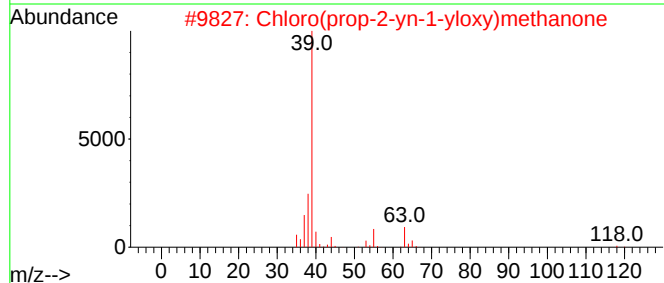
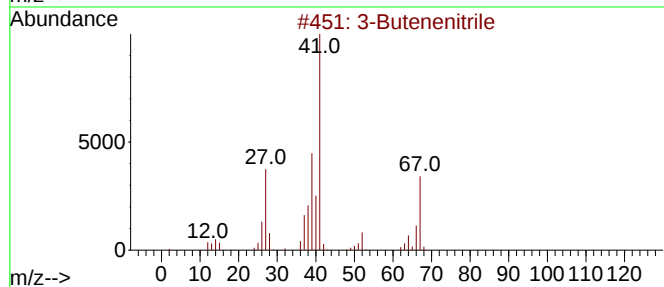
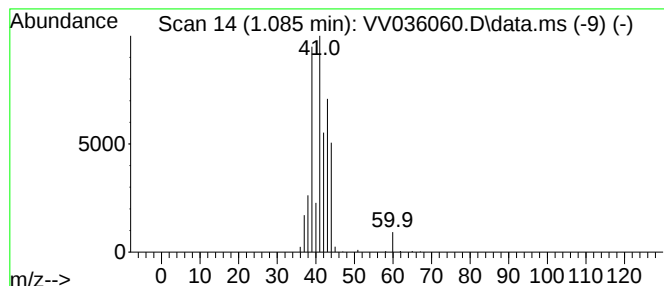
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.085	6.68 ug/L	202330	1,4-Difluorobenzene	5.532

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Butenenitrile	67	C4H5N	000109-75-1	9
2		Chloro(prop-2-yn-1-yloxy)methanone	118	C4H3ClO2	035718-08-2	9
3		2-Butenenitrile	67	C4H5N	004786-20-3	8
4		Propene	42	C3H6	000115-07-1	7
5		Cyclopropane	42	C3H6	000075-19-4	4



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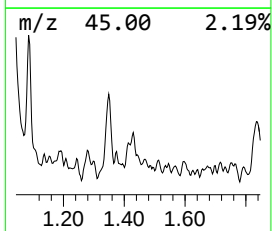
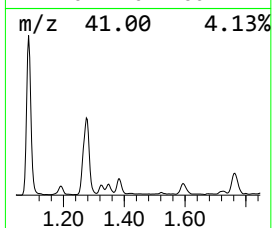
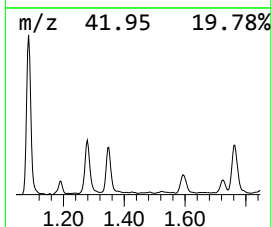
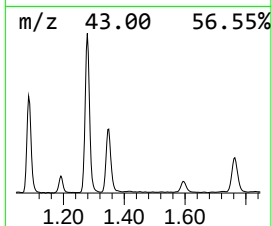
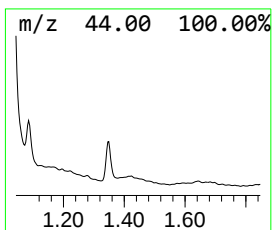
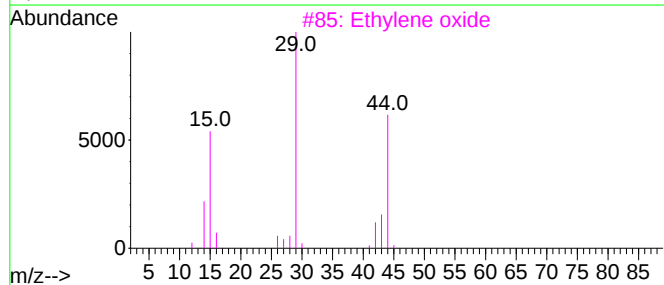
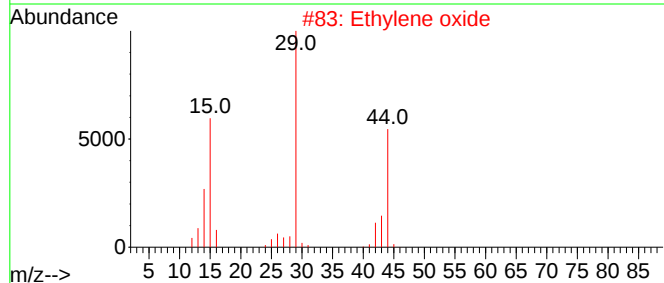
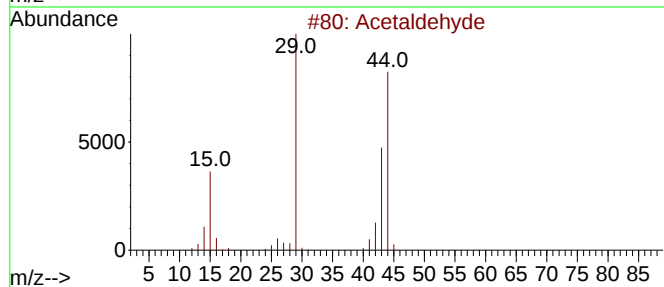
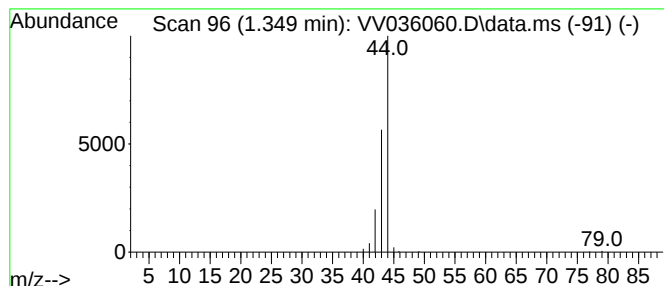
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.349	1.64 ug/L	49548	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	9
2			Ethylene oxide	44	C2H4O	000075-21-8	7
3			Ethylene oxide	44	C2H4O	000075-21-8	7
4			Acetaldehyde	44	C2H4O	000075-07-0	7
5			Propane	44	C3H8	000074-98-6	5



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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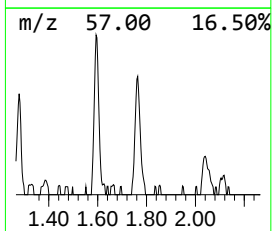
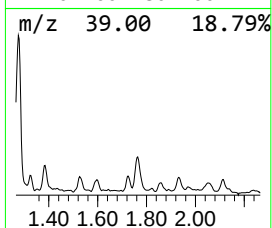
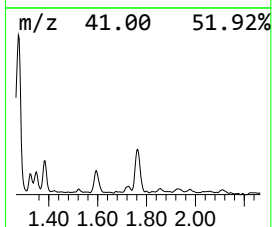
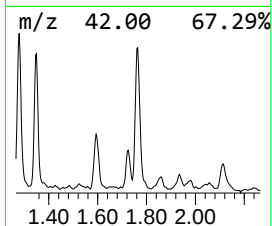
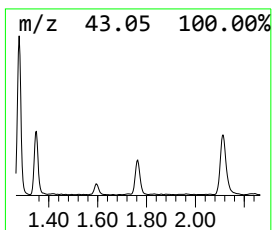
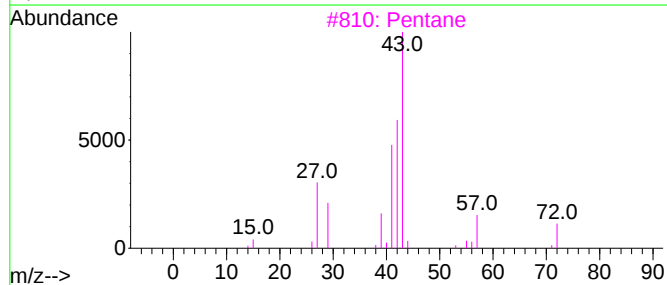
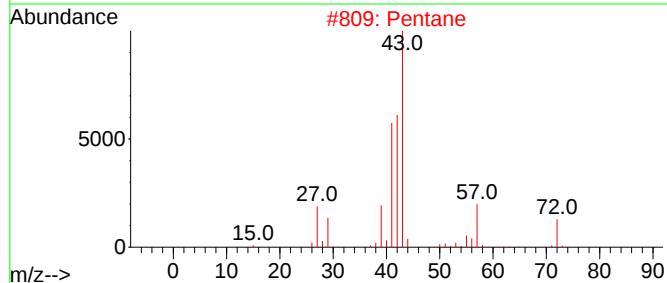
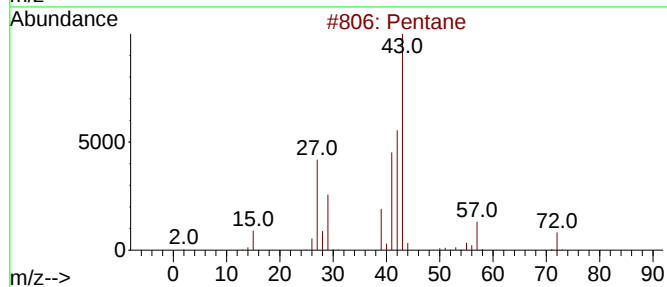
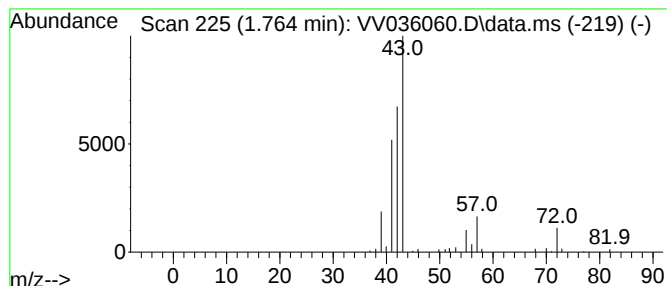
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.764	1.25 ug/L	37975	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	86
2	Pentane			72	C5H12	000109-66-0	86
3	Pentane			72	C5H12	000109-66-0	86
4	Pentane			72	C5H12	000109-66-0	78
5	Pentane			72	C5H12	000109-66-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036060.D
Acq On : 13 Jun 2024 14:08
Operator : SY/MD
Sample : P2850-05
Misc : 5.41g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB06

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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	1.085	6.7	ug/L	202330	1	5.532	757319	25.0
unknown-02	1.349	1.6	ug/L	49548	1	5.532	757319	25.0
(DEL) Alkane: S...	1.764	1.3	ug/L	37975	1	5.532	757319	25.0