

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
 Data File : VV035970.D
 Acq On : 04 Jun 2024 12:06
 Operator : SY/MD
 Sample : P2695-12
 Misc : 5.20g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BK9

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: VV035970.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	66	72	91	rVB	301088	324906	16.21%	2.261%
2	1.526	144	151	169	rVB	262307	310914	15.52%	2.164%
3	2.050	304	314	333	rVB	504579	729288	36.39%	5.076%
4	2.230	363	370	383	rVB	54343	83407	4.16%	0.580%
5	2.442	425	436	448	rBV	21565	37629	1.88%	0.262%
6	2.693	508	514	515	rBV3	1884	1852	0.09%	0.013%
7	2.844	559	561	566	rVB3	749	512	0.03%	0.004%
8	2.876	566	571	574	rBV3	643	652	0.03%	0.005%
9	2.892	574	576	578	rVV	756	412	0.02%	0.003%
10	2.905	578	580	584	rVV3	726	540	0.03%	0.004%
11	2.960	584	597	618	rVB4	6977	16210	0.81%	0.113%
12	3.053	623	626	628	rBV2	497	278	0.01%	0.002%
13	3.108	636	643	644	rBV3	676	772	0.04%	0.005%
14	3.198	667	671	676	rVB3	459	429	0.02%	0.003%
15	3.230	679	681	687	rVB2	659	565	0.03%	0.004%
16	3.262	687	691	695	rBV3	499	500	0.02%	0.003%
17	3.281	695	697	703	rVB3	351	252	0.01%	0.002%
18	3.314	703	707	710	rBV2	299	262	0.01%	0.002%
19	3.410	735	737	742	rVB3	292	267	0.01%	0.002%
20	3.519	768	771	775	rBV3	449	279	0.01%	0.002%
21	3.593	788	794	798	rVB3	416	364	0.02%	0.003%
22	3.674	816	819	825	rVB3	292	312	0.02%	0.002%
23	3.719	825	833	836	rBV3	429	419	0.02%	0.003%
24	3.838	857	870	900	rBV	27869	130451	6.51%	0.908%
25	4.240	979	995	1031	rBV	349576	925585	46.19%	6.442%
26	4.555	1088	1093	1097	rBV5	991	1220	0.06%	0.008%
27	4.574	1097	1099	1108	rVB7	1264	1481	0.07%	0.010%
28	4.658	1121	1125	1128	rBV4	367	272	0.01%	0.002%
29	4.683	1131	1133	1136	rVB3	546	243	0.01%	0.002%
30	4.728	1139	1147	1149	rBV4	1092	1299	0.06%	0.009%
31	4.950	1201	1216	1259	rBV2	780186	2003923	100.00%	13.947%
32	5.262	1311	1313	1317	rBV4	362	289	0.01%	0.002%
33	5.310	1324	1328	1331	rVB3	467	363	0.02%	0.003%
34	5.326	1331	1333	1336	rVV3	681	263	0.01%	0.002%
35	5.346	1336	1339	1341	rVB3	572	358	0.02%	0.002%
36	5.362	1341	1344	1348	rVB3	604	533	0.03%	0.004%

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Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

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

37	5.420	1358	1362	1371	rBV6	696	1067	0.05%	0.007%
38	5.529	1384	1396	1436	rBV	728927	1539389	76.82%	10.714%
39	5.828	1477	1489	1511	rVB3	23548	55962	2.79%	0.389%
40	5.918	1515	1517	1521	rVB3	471	267	0.01%	0.002%
41	5.982	1523	1537	1571	rBV	464022	985096	49.16%	6.856%
42	6.323	1640	1643	1644	rBV3	440	238	0.01%	0.002%
43	6.358	1652	1654	1660	rVB6	676	557	0.03%	0.004%
44	6.384	1660	1662	1666	rVB4	444	267	0.01%	0.002%
45	6.400	1666	1667	1670	rBV	443	248	0.01%	0.002%
46	6.445	1677	1681	1682	rBV2	782	573	0.03%	0.004%
47	6.535	1706	1709	1712	rVV2	397	287	0.01%	0.002%
48	6.648	1741	1744	1746	rBV3	653	327	0.02%	0.002%
49	6.693	1757	1758	1765	rVB4	696	370	0.02%	0.003%
50	6.735	1765	1771	1774	rBV3	384	447	0.02%	0.003%
51	6.783	1781	1786	1789	rVB2	404	374	0.02%	0.003%
52	6.911	1815	1826	1861	rBV	199762	397007	19.81%	2.763%
53	7.165	1901	1905	1907	rBV4	674	588	0.03%	0.004%
54	7.239	1916	1928	1954	rBV	811542	1434413	71.58%	9.983%
55	7.503	2007	2010	2013	rBV2	671	385	0.02%	0.003%
56	7.551	2016	2025	2056	rBV	121380	238804	11.92%	1.662%
57	7.776	2092	2095	2096	rBV3	650	362	0.02%	0.003%
58	7.873	2116	2125	2133	rBV3	9482	15740	0.79%	0.110%
59	7.950	2147	2149	2152	rVB2	652	317	0.02%	0.002%
60	7.985	2152	2160	2162	rBV3	657	527	0.03%	0.004%
61	8.030	2165	2174	2216	rBV	124779	309418	15.44%	2.153%
62	8.493	2314	2318	2322	rBV6	499	492	0.02%	0.003%
63	8.542	2330	2333	2335	rBV2	560	309	0.02%	0.002%
64	8.580	2340	2345	2346	rBV5	531	436	0.02%	0.003%
65	8.622	2356	2358	2362	rVB2	491	324	0.02%	0.002%
66	8.683	2374	2377	2382	rBV3	922	819	0.04%	0.006%
67	8.741	2391	2395	2396	rBV	699	411	0.02%	0.003%
68	8.780	2396	2407	2454	rBV	1004896	1684073	84.04%	11.721%
69	8.963	2456	2464	2470	rVB7	2191	3901	0.19%	0.027%
70	9.072	2495	2498	2499	rBV2	811	535	0.03%	0.004%
71	9.146	2518	2521	2524	rBV3	622	456	0.02%	0.003%
72	9.268	2556	2559	2562	rBV2	491	282	0.01%	0.002%
73	9.323	2573	2576	2580	rBV2	304	238	0.01%	0.002%
74	9.381	2585	2594	2598	rBV5	1799	2151	0.11%	0.015%
75	9.419	2603	2606	2611	rVB4	528	422	0.02%	0.003%
76	9.490	2620	2628	2634	rBV5	1942	3375	0.17%	0.023%

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

77	9.619	2665	2668	2669	rBV	726	303	0.02%	0.002%
78	9.677	2684	2686	2693	rVB3	665	563	0.03%	0.004%
79	9.706	2693	2695	2698	rBV3	466	266	0.01%	0.002%
80	9.722	2698	2700	2704	rBV4	856	517	0.03%	0.004%
81	9.757	2706	2711	2712	rBV4	1861	1301	0.06%	0.009%
82	9.805	2724	2726	2729	rBV3	514	270	0.01%	0.002%
83	9.841	2729	2737	2743	rVV7	2788	4500	0.22%	0.031%
84	9.870	2744	2746	2756	rVB5	1662	2031	0.10%	0.014%
85	10.062	2798	2806	2816	rVB4	5293	7498	0.37%	0.052%
86	10.107	2818	2820	2822	rVB2	751	332	0.02%	0.002%
87	10.149	2822	2833	2858	rBV	319173	546892	27.29%	3.806%
88	10.323	2876	2887	2899	rBV	45700	73930	3.69%	0.515%
89	10.439	2915	2923	2929	rBV9	1998	3702	0.18%	0.026%
90	10.680	2990	2998	3004	rBV7	3818	6713	0.33%	0.047%
91	10.763	3016	3024	3034	rVB6	8406	15143	0.76%	0.105%
92	10.853	3036	3052	3061	rBV7	10667	23682	1.18%	0.165%
93	10.969	3079	3088	3092	rBV7	5876	8996	0.45%	0.063%
94	11.082	3113	3123	3131	rBV2	27132	47110	2.35%	0.328%
95	11.181	3144	3154	3174	rBV	705970	1123011	56.04%	7.816%
96	11.326	3192	3199	3201	rBV2	24081	28600	1.43%	0.199%
97	11.496	3242	3252	3261	rBV5	24678	61066	3.05%	0.425%
98	11.558	3261	3271	3301	rVB	584515	985358	49.17%	6.858%
99	11.747	3315	3330	3338	rBV9	22162	63133	3.15%	0.439%
100	12.538	3569	3576	3587	rVB4	59419	104739	5.23%	0.729%

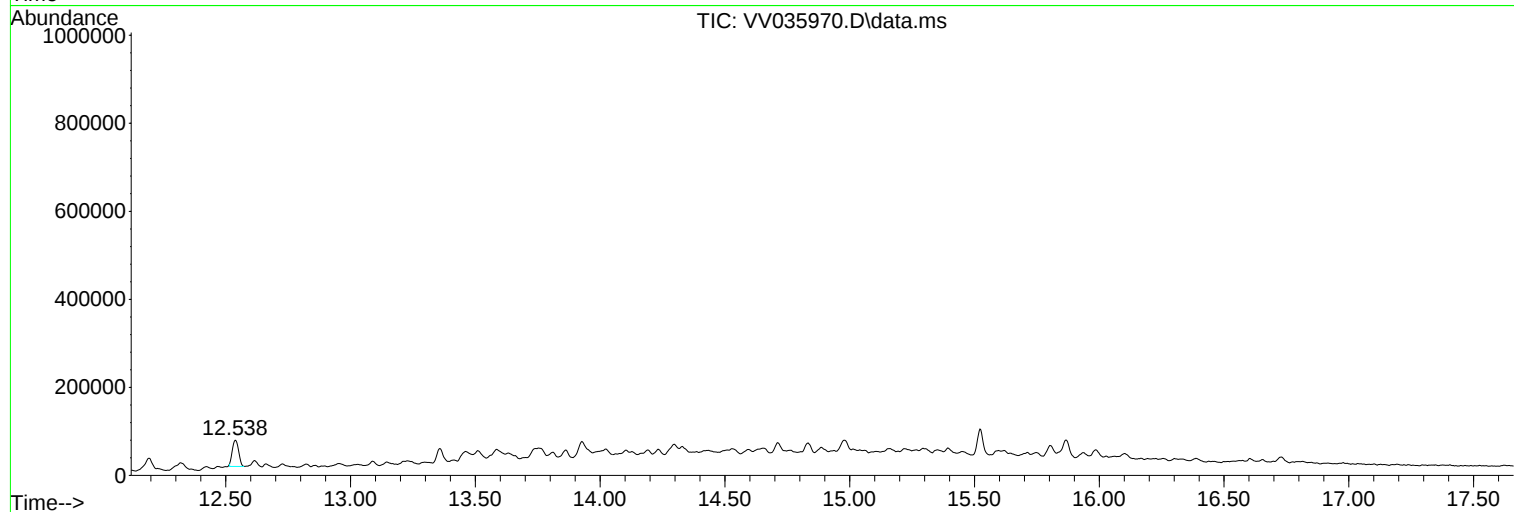
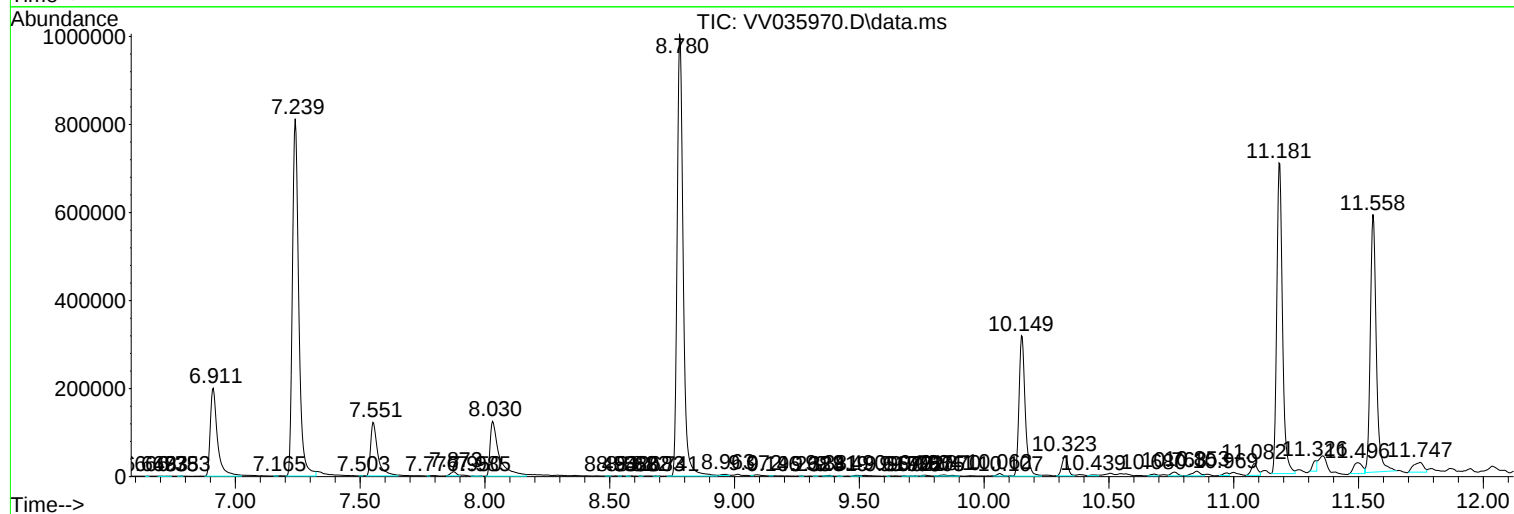
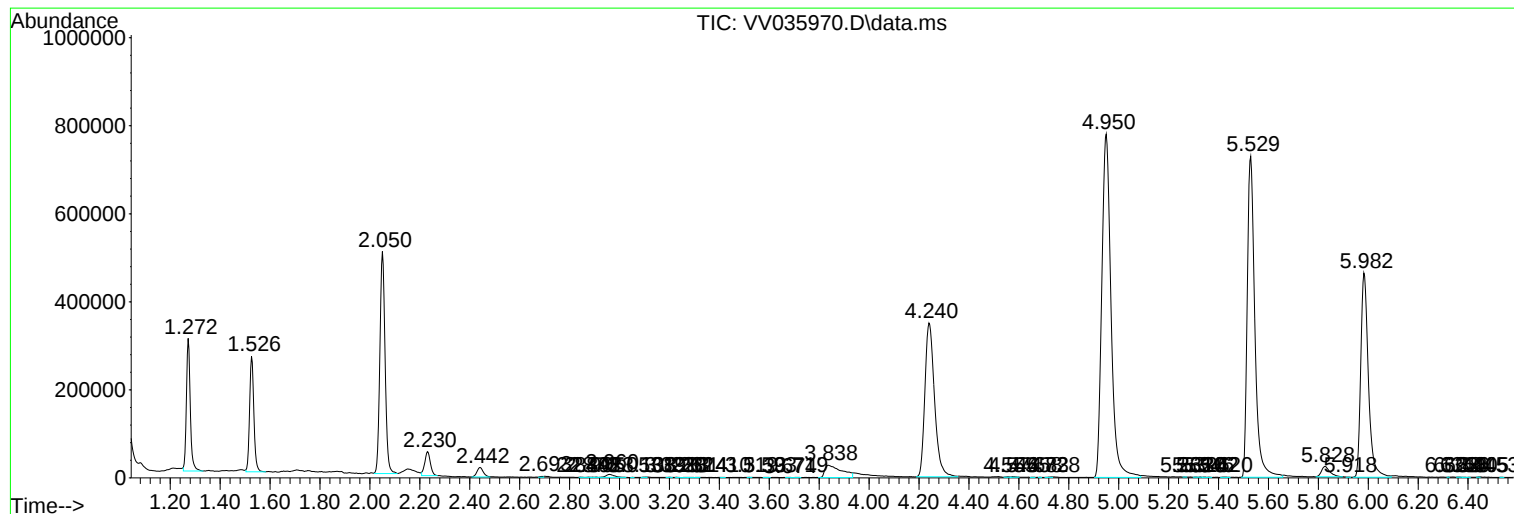
Sum of corrected areas: 14368211

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BK9

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



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Misc : 5.20g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

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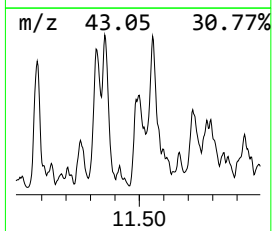
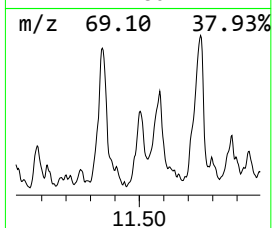
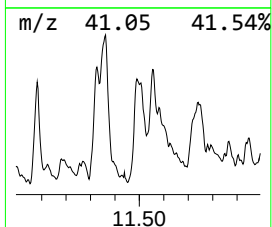
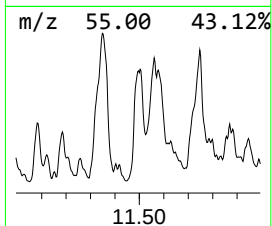
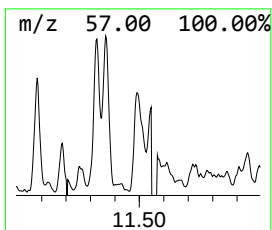
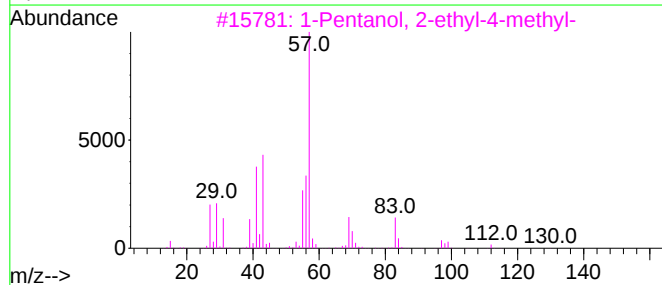
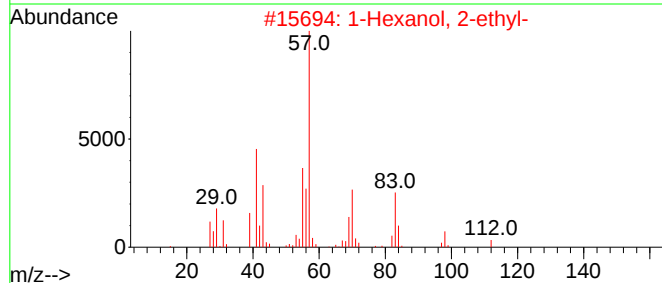
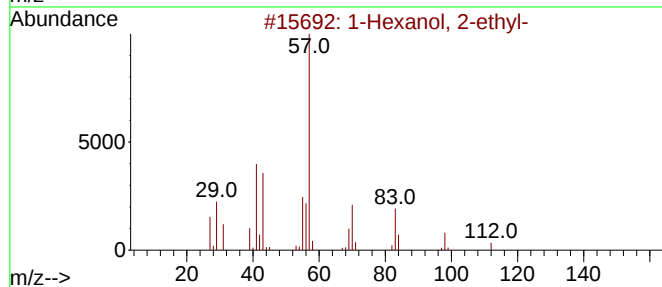
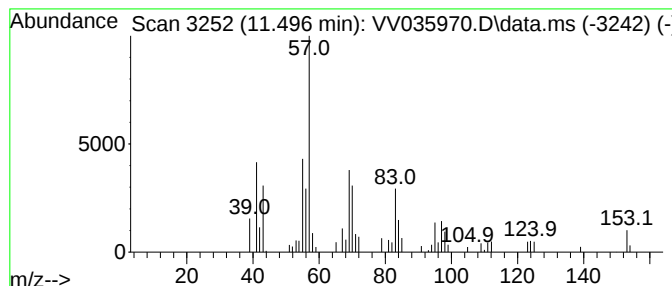
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.496	1.36 ug/L	61066	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
3			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
4			2-tert-Butyl-3,4,5,6-tetrahydrop...	139	C9H17N	090949-17-0	53
5			Butyl decyl ether	214	C14H30O	1000406-40-2	50



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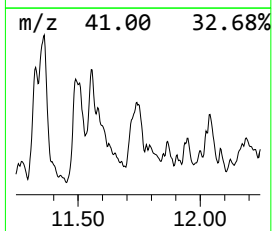
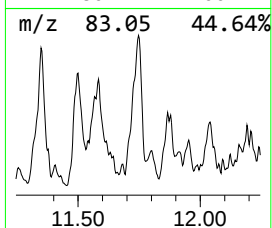
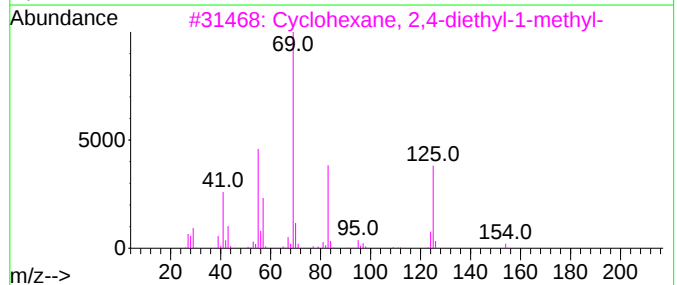
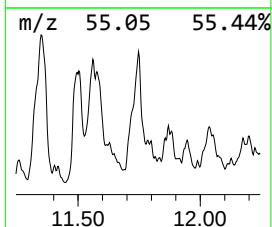
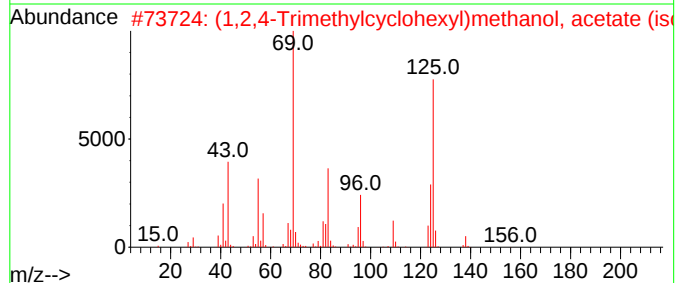
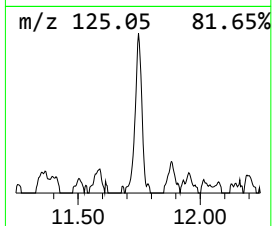
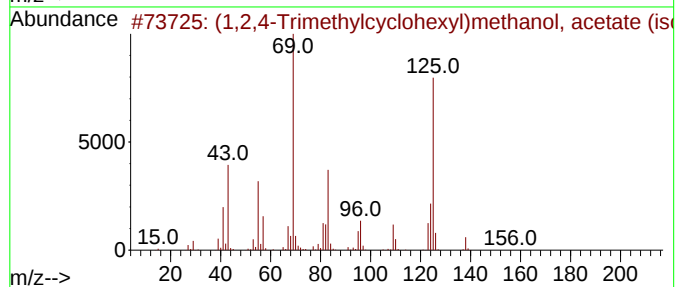
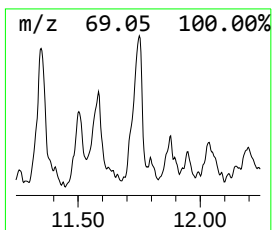
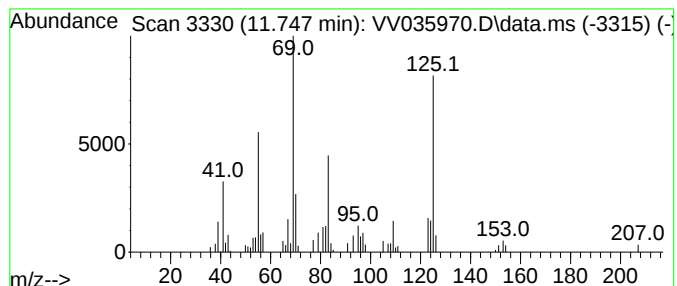
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (1,2,4-Trimethylcyclohexyl)... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.747	1.41 ug/L	63133	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1010499-04-6	80
2			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1000499-04-5	72
3			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	52
4			Cyclohexanecarboxylic acid, 4-pr...	340	C20H24N2O3	133856-82-3	50
5			Cyclooctanecarboxylic acid, 4,5-...	198	C12H22O2	061141-73-9	47



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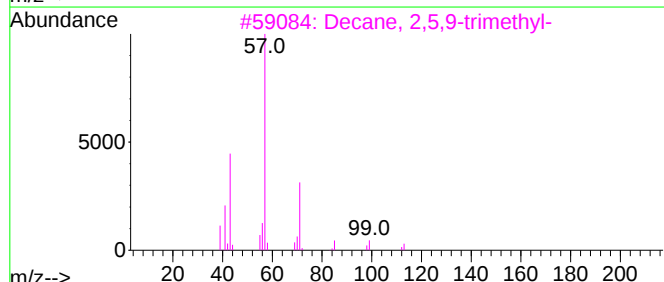
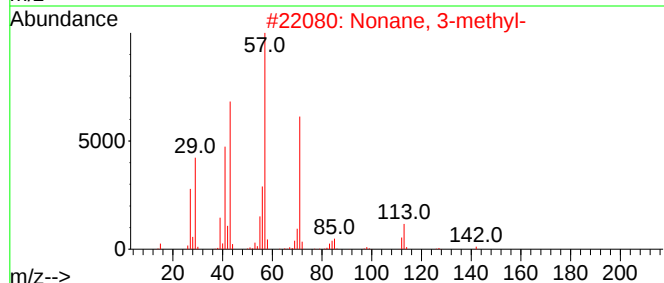
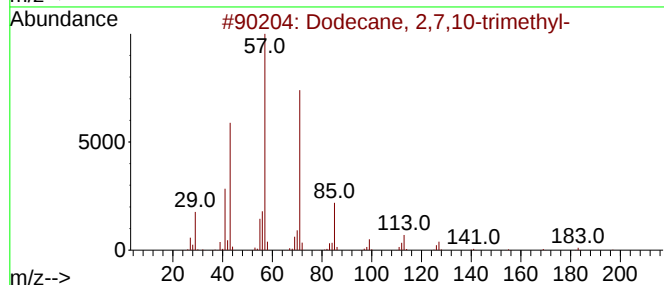
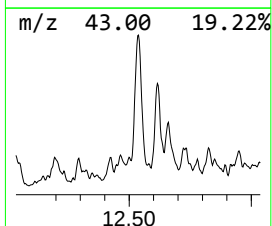
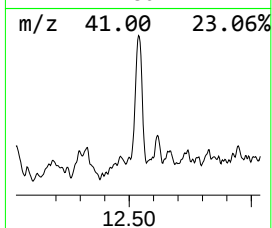
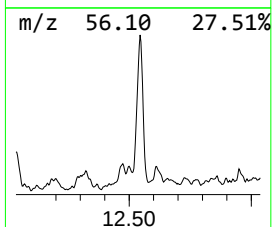
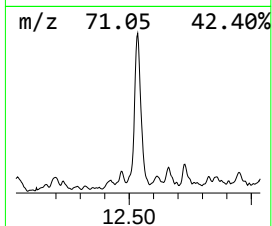
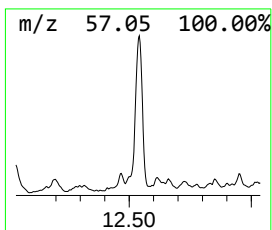
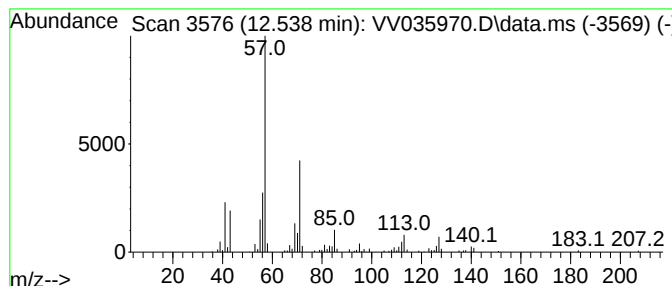
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.538	2.33 ug/L	104739	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
5			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
Data File : VV035970.D
Acq On : 04 Jun 2024 12:06
Operator : SY/MD
Sample : P2695-12
Misc : 5.20g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BK9

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
1-Hexanol, 2-et...	11.496	1.4	ug/L	61066	3	11.181	1123010	25.0
(1,2,4-Trimethy...	11.747	1.4	ug/L	63133	3	11.181	1123010	25.0
(DEL) Alkane: S...	12.538	2.3	ug/L	104739	3	11.181	1123010	25.0