

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010724.D
 Acq On : 08 May 2019 11:31
 Operator : SY/MD
 Sample : K2690-13
 Misc : 6.13G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5159

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_V\METHOD\SOM2VLM050719S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.312	64	69	81	rVB	32179	32419	0.50%	0.364%
2	1.386	86	92	100	rVV	15607	15742	0.24%	0.177%
3	1.566	142	148	157	rVB	29185	32960	0.51%	0.371%
4	2.123	311	321	332	rVB3	71808	118065	1.83%	1.327%
5	2.309	370	379	393	rVB3	10147	15626	0.24%	0.176%
6	2.457	417	425	440	rVV2	7051	11535	0.18%	0.130%
7	2.531	440	448	456	rVB2	4188	5928	0.09%	0.067%
8	2.885	555	558	560	rBV	258	199	0.00%	0.002%
9	3.068	609	615	619	rBV3	583	648	0.01%	0.007%
10	3.203	652	657	659	rBV3	520	511	0.01%	0.006%
11	3.415	721	723	730	rVB2	206	212	0.00%	0.002%
12	3.447	730	733	736	rBV2	235	201	0.00%	0.002%
13	3.569	768	771	775	rBV	149	164	0.00%	0.002%
14	3.669	798	802	806	rVB	163	126	0.00%	0.001%
15	3.733	806	822	835	rBV6	2695	8167	0.13%	0.092%
16	3.955	869	891	950	rBV	2761783	6466066	100.00%	72.697%
17	4.396	1013	1028	1049	rBV	41718	98534	1.52%	1.108%
18	4.518	1063	1066	1068	rBV2	278	171	0.00%	0.002%
19	4.556	1076	1078	1080	rVB	340	150	0.00%	0.002%
20	4.656	1105	1109	1111	rBV	268	203	0.00%	0.002%
21	4.756	1136	1140	1146	rVB2	306	260	0.00%	0.003%
22	4.798	1146	1153	1155	rVB	247	318	0.00%	0.004%
23	4.827	1155	1162	1163	rBV2	199	204	0.00%	0.002%
24	4.939	1194	1197	1203	rVV5	653	673	0.01%	0.008%
25	4.997	1209	1215	1221	rBV	286	376	0.01%	0.004%
26	5.090	1226	1244	1268	rBV4	98451	247340	3.83%	2.781%
27	5.322	1314	1316	1321	rVB2	236	208	0.00%	0.002%
28	5.437	1344	1352	1358	rBV2	315	418	0.01%	0.005%
29	5.463	1358	1360	1363	rBV	217	142	0.00%	0.002%
30	5.537	1375	1383	1390	rBV6	1303	2265	0.04%	0.025%
31	5.589	1395	1399	1402	rBV3	257	187	0.00%	0.002%
32	5.611	1403	1406	1408	rBV	184	121	0.00%	0.001%
33	5.663	1408	1422	1448	rBV	82264	169940	2.63%	1.911%
34	5.920	1486	1502	1524	rBV2	64372	159020	2.46%	1.788%

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35	6.116	1549	1563	1583	rBV2	59666	120290	1.86%	1.352%
36	6.238	1591	1601	1619	rVB3	20726	43145	0.67%	0.485%
37	6.489	1677	1679	1684	rBV	252	181	0.00%	0.002%
38	6.595	1707	1712	1716	rBV4	616	783	0.01%	0.009%
39	6.765	1762	1765	1768	rBV	239	180	0.00%	0.002%
40	6.852	1787	1792	1795	rBV2	329	370	0.01%	0.004%
41	6.884	1796	1802	1810	rVV7	2469	4167	0.06%	0.047%
42	6.958	1820	1825	1830	rVB3	951	1011	0.02%	0.011%
43	7.026	1835	1846	1866	rVB2	28107	50616	0.78%	0.569%
44	7.103	1866	1870	1873	rBV2	454	429	0.01%	0.005%
45	7.212	1901	1904	1907	rBV2	252	192	0.00%	0.002%
46	7.293	1927	1929	1930	rBV	614	257	0.00%	0.003%
47	7.357	1940	1949	1964	rBV	95784	161881	2.50%	1.820%
48	7.662	2035	2044	2058	rBV	17988	28779	0.45%	0.324%
49	7.730	2063	2065	2073	rBV3	286	244	0.00%	0.003%
50	7.798	2082	2086	2088	rBV2	335	217	0.00%	0.002%
51	7.894	2114	2116	2119	rBV2	175	126	0.00%	0.001%
52	7.974	2134	2141	2149	rBV4	2899	4372	0.07%	0.049%
53	8.132	2179	2190	2209	rBV3	52147	95471	1.48%	1.073%
54	8.396	2268	2272	2274	rBV2	396	311	0.00%	0.003%
55	8.424	2278	2281	2286	rVB2	263	238	0.00%	0.003%
56	8.537	2313	2316	2318	rBV	225	171	0.00%	0.002%
57	8.765	2383	2387	2391	rBV2	285	293	0.00%	0.003%
58	8.817	2400	2403	2405	rBV2	450	268	0.00%	0.003%
59	8.833	2405	2408	2409	rBV2	702	409	0.01%	0.005%
60	8.894	2415	2427	2452	rBV	126263	216092	3.34%	2.429%
61	9.058	2467	2478	2490	rVB	10922	17174	0.27%	0.193%
62	9.180	2506	2516	2529	rBV3	36142	60935	0.94%	0.685%
63	9.264	2530	2542	2566	rVB	92721	162767	2.52%	1.830%
64	9.389	2579	2581	2584	rVB2	288	174	0.00%	0.002%
65	9.408	2584	2587	2589	rBV	193	128	0.00%	0.001%
66	9.466	2602	2605	2607	rBV2	467	360	0.01%	0.004%
67	9.511	2615	2619	2622	rBV4	918	959	0.01%	0.011%
68	9.588	2635	2643	2656	rVB	8562	13187	0.20%	0.148%
69	9.752	2689	2694	2703	rVB5	1571	1952	0.03%	0.022%
70	9.794	2703	2707	2709	rBV2	346	284	0.00%	0.003%
71	9.839	2714	2721	2731	rBV7	1490	2667	0.04%	0.030%

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 Title : VOC Analysis

72	9.958	2754	2758	2759	rBV2	748	494	0.01%	0.006%
73	10.055	2783	2788	2792	rBV4	457	453	0.01%	0.005%
74	10.071	2792	2793	2796	rBV	332	142	0.00%	0.002%
75	10.260	2842	2852	2869	rVB	69264	111865	1.73%	1.258%
76	10.421	2899	2902	2910	rVB4	1617	1915	0.03%	0.022%
77	10.489	2915	2923	2925	rBV5	752	883	0.01%	0.010%
78	10.550	2937	2942	2947	rBV4	1082	1203	0.02%	0.014%
79	10.807	3018	3022	3027	rBV3	480	412	0.01%	0.005%
80	10.913	3052	3055	3061	rVB4	777	706	0.01%	0.008%
81	11.071	3100	3104	3105	rBV	279	192	0.00%	0.002%
82	11.100	3110	3113	3117	rBV3	380	263	0.00%	0.003%
83	11.138	3122	3125	3128	rBV4	615	580	0.01%	0.007%
84	11.196	3138	3143	3152	rVB6	1516	2097	0.03%	0.024%
85	11.241	3154	3157	3160	rVV2	411	289	0.00%	0.003%
86	11.296	3163	3174	3191	rVB	108618	177170	2.74%	1.992%
87	11.408	3205	3209	3210	rBV	404	301	0.00%	0.003%
88	11.579	3254	3262	3270	rBV7	2537	4875	0.08%	0.055%
89	11.672	3280	3291	3307	rVB	104054	167151	2.59%	1.879%
90	11.736	3307	3311	3317	rVB4	1125	1339	0.02%	0.015%
91	11.836	3336	3342	3345	rBV5	731	902	0.01%	0.010%
92	11.987	3388	3389	3391	rBV5	366	133	0.00%	0.001%
93	12.421	3520	3524	3525	rBV	726	507	0.01%	0.006%
94	12.900	3670	3673	3675	rBV	341	232	0.00%	0.003%
95	13.550	3871	3875	3878	rBV	589	613	0.01%	0.007%
96	14.058	4031	4033	4035	rBV	220	122	0.00%	0.001%
97	15.376	4436	4443	4449	rVB8	7101	8293	0.13%	0.093%
98	15.437	4451	4462	4470	rVB8	9133	18774	0.29%	0.211%
99	15.845	4577	4589	4591	rBV5	5520	7190	0.11%	0.081%
100	16.125	4668	4676	4680	rBV6	4139	5293	0.08%	0.060%

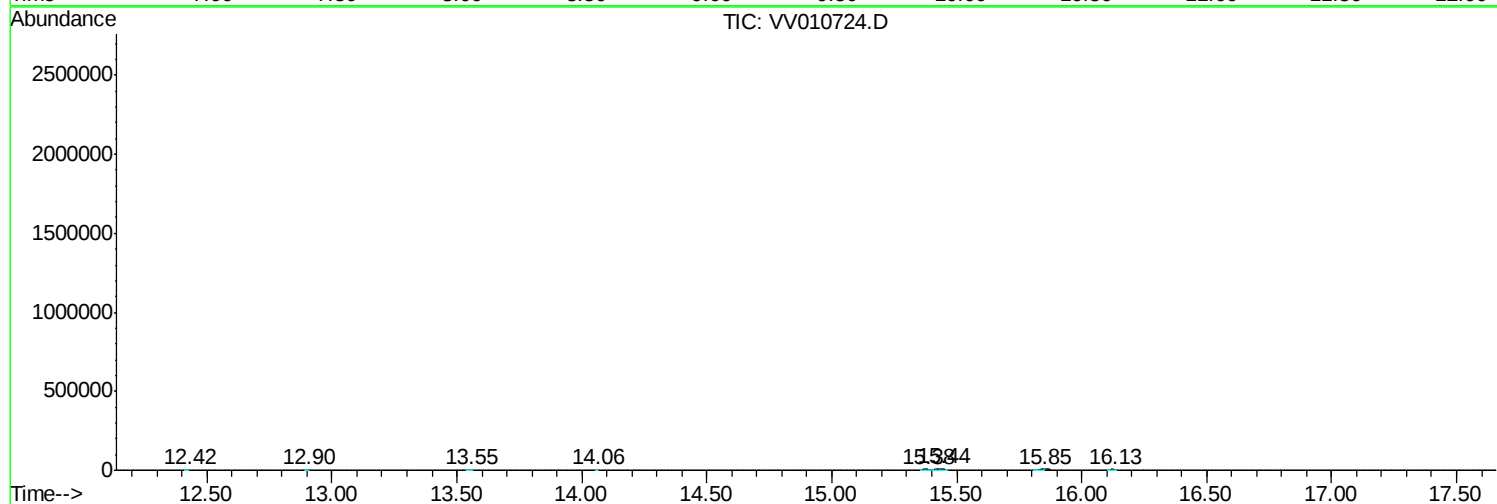
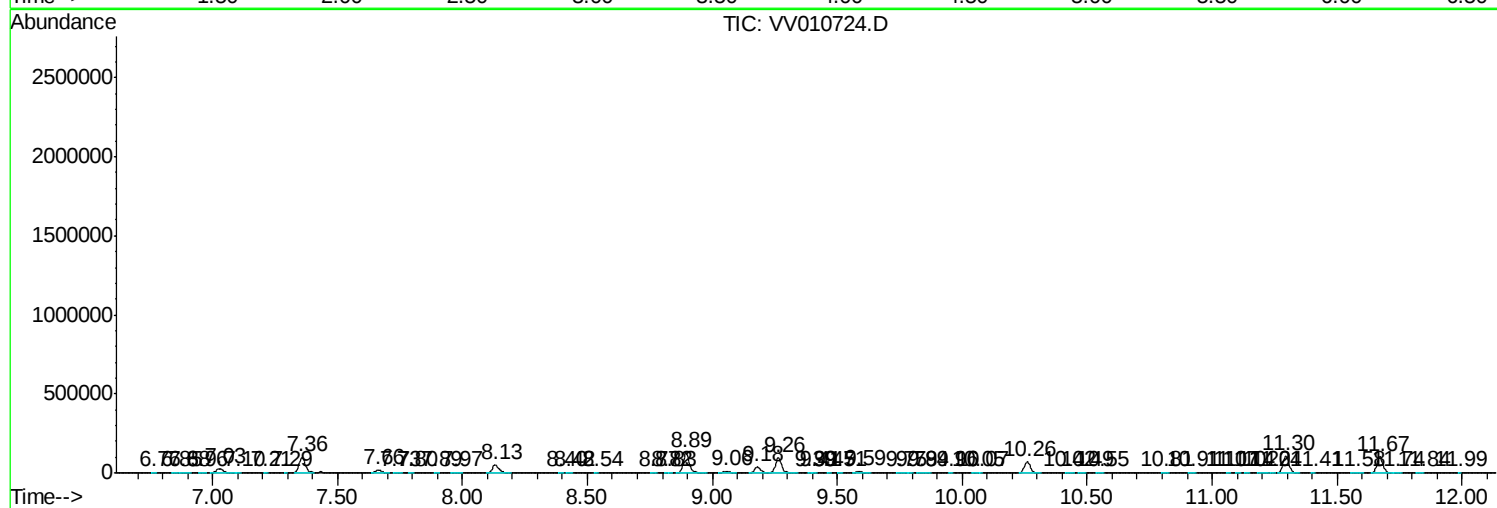
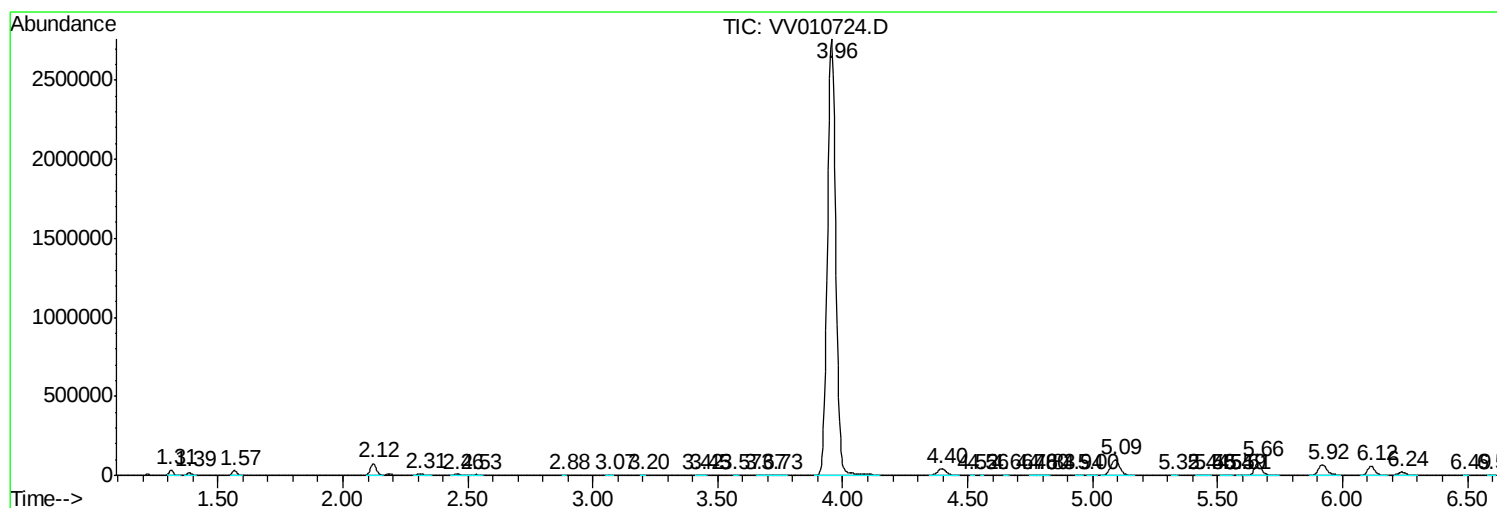
Sum of corrected areas: 8894568

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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
A5159

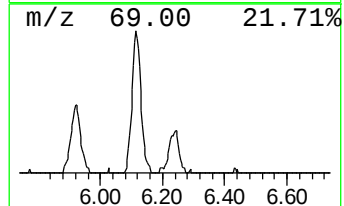
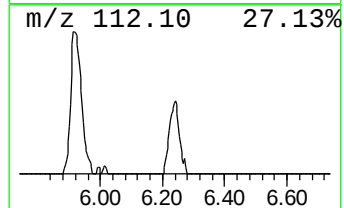
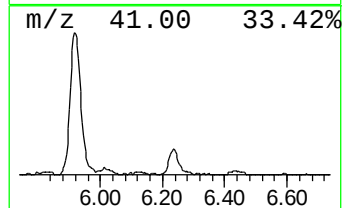
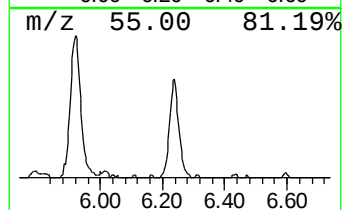
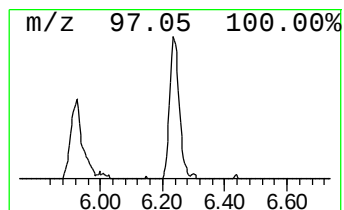
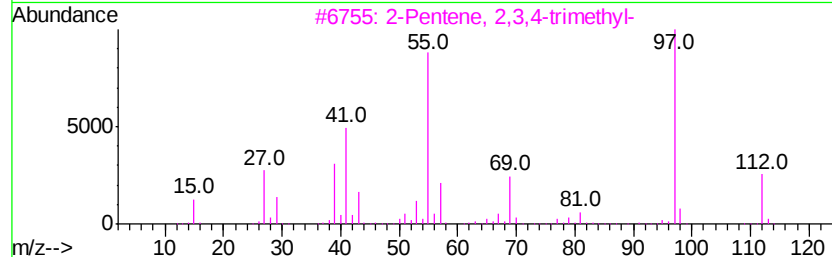
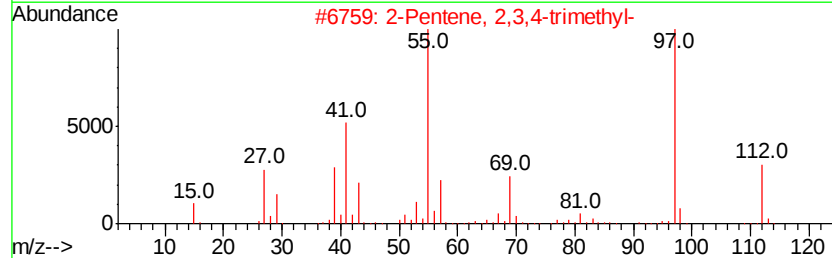
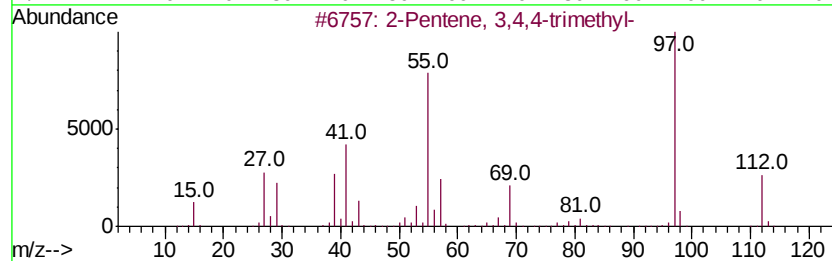
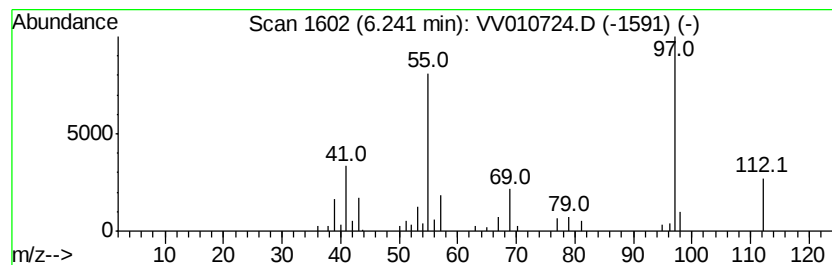
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic6.24 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	6.35 ug/L	43145	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4,4-trimethyl-			112	C8H16	000598-96-9	90
2	2-Pentene, 2,3,4-trimethyl-			112	C8H16	000565-77-5	87
3	2-Pentene, 2,3,4-trimethyl-			112	C8H16	000565-77-5	87
4	2-Pentene, 2,4,4-trimethyl-			112	C8H16	000107-40-4	87
5	2-Pentene, 3,4,4-trimethyl-			112	C8H16	000598-96-9	83



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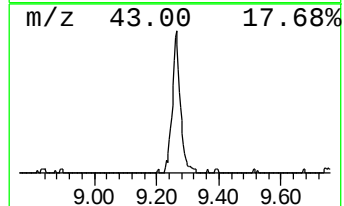
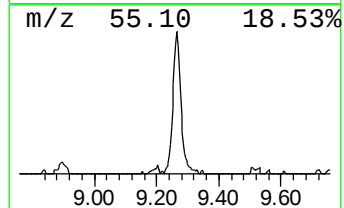
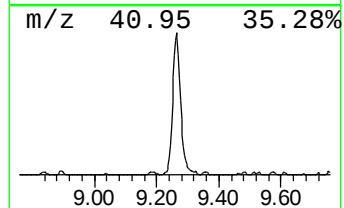
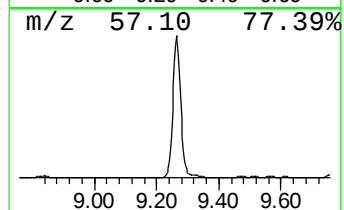
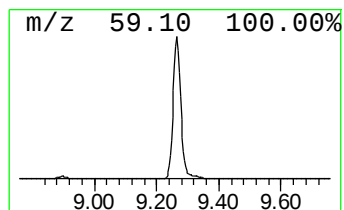
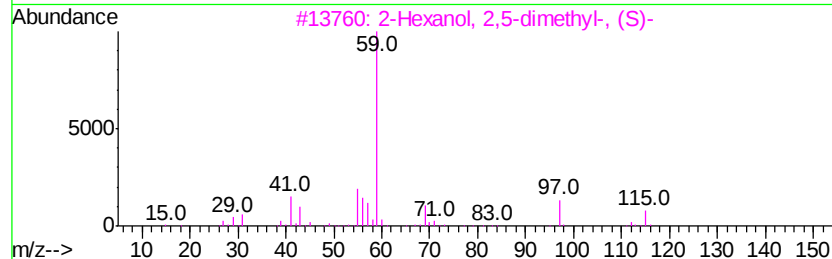
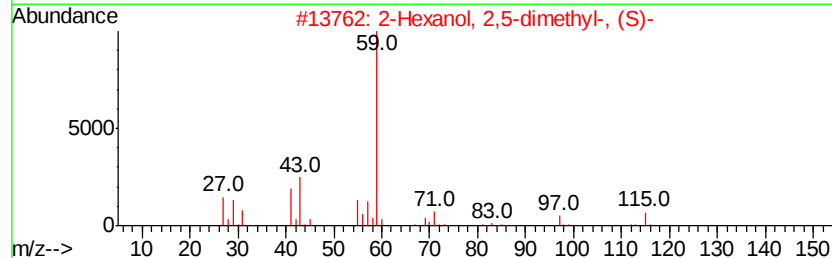
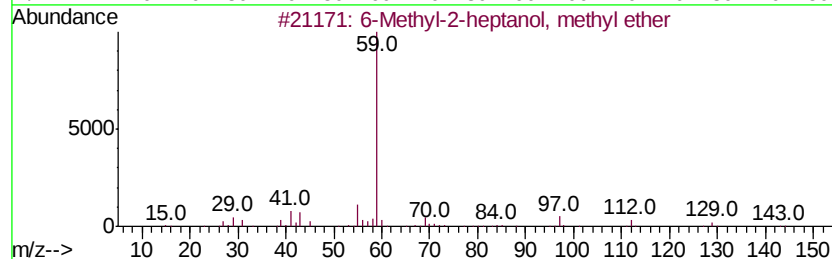
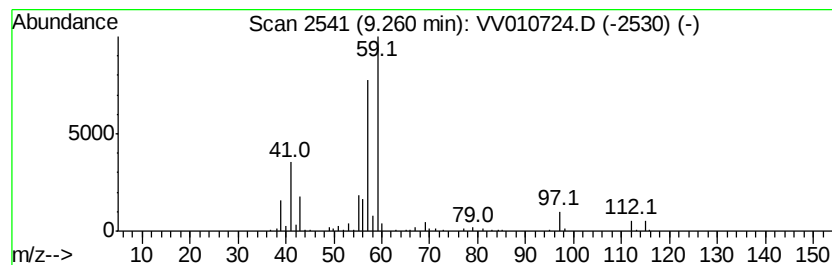
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 6-Methyl-2-heptanol, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	18.83 ug/L	162767	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	53
2		2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	50
3		2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	43
4		2,3-Dimethyl-4-penten-2-ol	114	C7H14O	019781-52-3	28
5		2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	25



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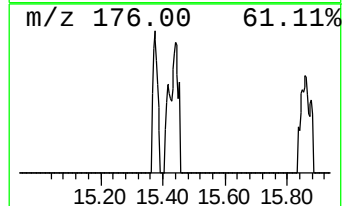
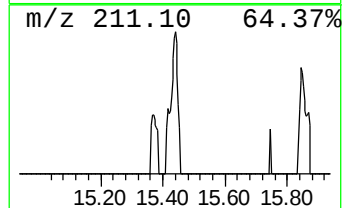
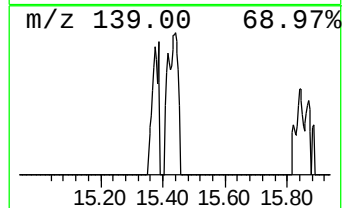
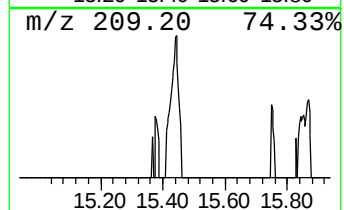
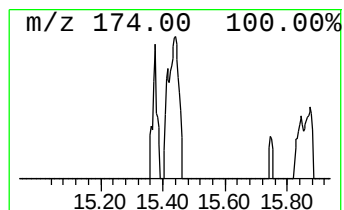
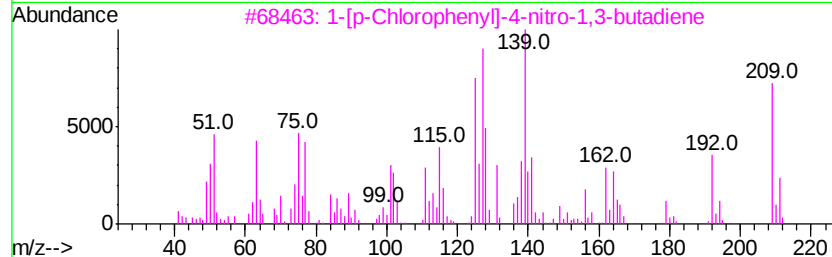
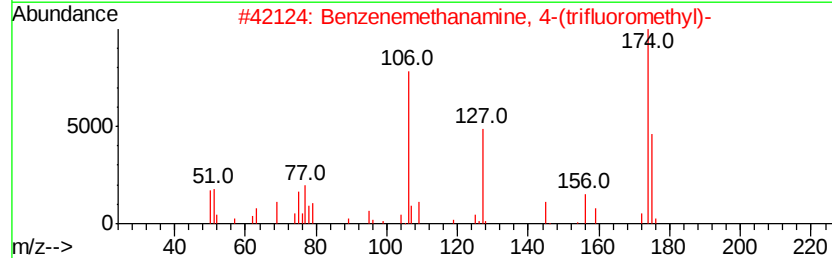
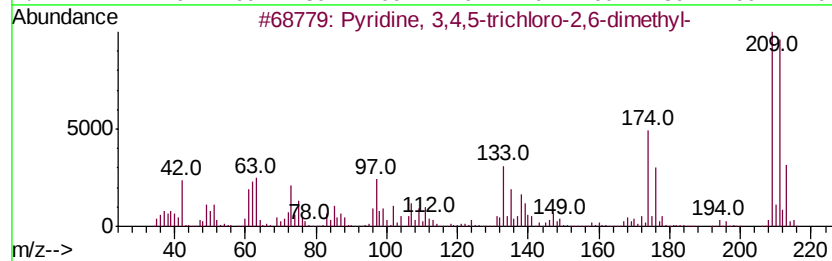
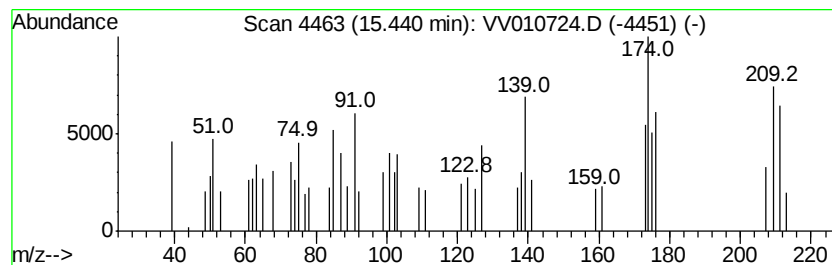
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.65 ug/L	18774	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine, 3,4,5-trichloro-2,6-di...	209	C7H6Cl3N	028597-08-2	37
2		Benzenemethanamine, 4-(trifluoro...	175	C8H8F3N	003300-51-4	22
3		1-[p-Chlorophenyl]-4-nitro-1,3-b...	209	C10H8ClN02	1000257-05-1	22
4		Benzenemethanamine, 3-(trifluoro...	175	C8H8F3N	002740-83-2	22
5		4-Bromo-3,5-dimethylpyrazole	174	C5H7BrN2	003398-16-1	12



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010724.D
Acq On : 08 May 2019 11:31
Operator : SY/MD
Sample : K2690-13
Misc : 6.13G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5159

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	6.24	6.3	ug/L	43145	1	5.66	169940	25.0
6-Methyl-2-heptan...	9.26	18.8	ug/L	162767	2	8.89	216092	25.0
unknown-02	15.44	2.6	ug/L	18774	3	11.30	177170	25.0