

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010798.D
 Acq On : 10 May 2019 06:32
 Operator : SY/MD
 Sample : K2788-02
 Misc : 5.78G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5190

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	1.306	59	67	74	rBV2	78943	115748	27.59%	3.685%
2	1.560	140	146	155	rVB	47389	58044	13.83%	1.848%
3	2.113	308	318	330	rVB	87145	124462	29.67%	3.963%
4	2.180	332	339	350	rVV	6773	10024	2.39%	0.319%
5	2.235	353	356	360	rVB2	360	200	0.05%	0.006%
6	2.303	366	377	389	rBV	15962	25350	6.04%	0.807%
7	2.405	405	409	411	rBV2	347	315	0.08%	0.010%
8	2.589	462	466	475	rBV5	677	1294	0.31%	0.041%
9	2.659	478	488	504	rVB	18015	35033	8.35%	1.115%
10	2.733	509	511	513	rBV2	371	206	0.05%	0.007%
11	2.756	516	518	520	rBV	323	159	0.04%	0.005%
12	2.778	520	525	535	rVV5	925	1470	0.35%	0.047%
13	2.827	538	540	541	rBV5	130	60	0.01%	0.002%
14	2.865	548	552	555	rBV2	173	131	0.03%	0.004%
15	2.881	555	557	560	rBV	147	64	0.02%	0.002%
16	2.904	561	564	567	rVB	215	113	0.03%	0.004%
17	2.923	567	570	574	rBV	358	221	0.05%	0.007%
18	2.975	574	586	603	rBV3	4427	9700	2.31%	0.309%
19	3.065	605	614	624	rVB4	2782	5052	1.20%	0.161%
20	3.142	636	638	641	rVB2	204	111	0.03%	0.004%
21	3.177	644	649	652	rBV4	1196	1261	0.30%	0.040%
22	3.241	663	669	677	rBV6	1440	2455	0.59%	0.078%
23	3.348	700	702	705	rVB	160	61	0.01%	0.002%
24	3.364	705	707	709	rVB	142	75	0.02%	0.002%
25	3.380	709	712	715	rBV2	436	328	0.08%	0.010%
26	3.425	722	726	727	rBV	152	98	0.02%	0.003%
27	3.515	751	754	756	rBV	227	148	0.04%	0.005%
28	3.531	756	759	762	rVV	331	178	0.04%	0.006%
29	3.547	762	764	766	rVV	169	86	0.02%	0.003%
30	3.573	770	772	774	rVV	176	77	0.02%	0.002%
31	3.605	779	782	784	rBV2	491	320	0.08%	0.010%
32	3.637	789	792	799	rVB2	343	350	0.08%	0.011%
33	3.685	799	807	808	rBV2	804	592	0.14%	0.019%
34	3.798	838	842	847	rVB3	514	576	0.14%	0.018%

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 Title : VOC Analysis

35	3.849	855	858	859	rBV	192	111	0.03%	0.004%
36	3.888	859	870	871	rVV3	992	1655	0.39%	0.053%
37	3.920	871	880	901	rVV	18060	44083	10.51%	1.404%
38	4.116	938	941	943	rBV	383	205	0.05%	0.007%
39	4.161	951	955	957	rVB2	221	152	0.04%	0.005%
40	4.190	962	964	965	rBV	134	73	0.02%	0.002%
41	4.200	965	967	971	rVB	259	199	0.05%	0.006%
42	4.238	974	979	980	rBV	243	198	0.05%	0.006%
43	4.274	988	990	992	rBV2	118	65	0.02%	0.002%
44	4.302	992	999	1002	rBV3	913	1174	0.28%	0.037%
45	4.392	1011	1027	1056	rVB2	70040	179215	42.72%	5.706%
46	4.566	1078	1081	1082	rBV	153	85	0.02%	0.003%
47	4.592	1085	1089	1094	rVB5	496	487	0.12%	0.016%
48	4.618	1094	1097	1099	rBV2	256	165	0.04%	0.005%
49	4.640	1099	1104	1106	rVB2	275	197	0.05%	0.006%
50	4.659	1107	1110	1114	rBV2	175	127	0.03%	0.004%
51	4.701	1114	1123	1136	rBV7	1837	3681	0.88%	0.117%
52	4.772	1143	1145	1147	rBV	373	190	0.05%	0.006%
53	4.846	1167	1168	1170	rBV	109	43	0.01%	0.001%
54	4.939	1191	1197	1198	rBV2	1311	981	0.23%	0.031%
55	4.994	1211	1214	1217	rBV2	184	169	0.04%	0.005%
56	5.087	1225	1243	1255	rBV2	163609	419551	100.00%	13.359%
57	5.341	1320	1322	1323	rBV2	558	240	0.06%	0.008%
58	5.409	1336	1343	1356	rVB6	4022	8225	1.96%	0.262%
59	5.470	1360	1362	1367	rVB2	293	259	0.06%	0.008%
60	5.495	1367	1370	1371	rBV2	335	169	0.04%	0.005%
61	5.534	1371	1382	1390	rBV7	5371	11061	2.64%	0.352%
62	5.656	1407	1420	1443	rBV	122763	255727	60.95%	8.142%
63	6.113	1546	1562	1580	rBV	100718	204010	48.63%	6.496%
64	6.498	1680	1682	1684	rVB	323	141	0.03%	0.004%
65	6.556	1698	1700	1702	rBV	107	58	0.01%	0.002%
66	6.585	1702	1709	1710	rBV3	1114	1097	0.26%	0.035%
67	6.679	1732	1738	1739	rBV3	323	273	0.07%	0.009%
68	6.701	1739	1745	1746	rBV3	1145	1107	0.26%	0.035%
69	6.785	1764	1771	1774	rBV4	1090	1281	0.31%	0.041%
70	6.849	1781	1791	1793	rBV5	1454	2214	0.53%	0.070%
71	7.026	1838	1846	1861	rVB	52035	90219	21.50%	2.873%

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72	7.132	1866	1879	1887	rBV2	8684	18758	4.47%	0.597%
73	7.357	1941	1949	1963	rVB	173907	295904	70.53%	9.422%
74	7.608	2019	2027	2033	rBV3	10707	16451	3.92%	0.524%
75	8.129	2178	2189	2202	rBV	70625	124011	29.56%	3.949%
76	8.894	2416	2427	2449	rBV	182380	309167	73.69%	9.844%
77	9.363	2567	2573	2578	rBV7	2853	3610	0.86%	0.115%
78	10.260	2842	2852	2871	rVB	105407	170763	40.70%	5.437%
79	11.293	3162	3173	3189	rBV	165871	263410	62.78%	8.387%
80	11.672	3280	3291	3306	rVB	174068	283448	67.56%	9.025%
81	12.511	3544	3552	3560	rBV8	4112	6416	1.53%	0.204%
82	12.768	3627	3632	3641	rVB5	4552	6318	1.51%	0.201%
83	12.878	3661	3666	3668	rBV4	1014	905	0.22%	0.029%
84	13.042	3713	3717	3723	rBV5	1000	1331	0.32%	0.042%
85	13.215	3767	3771	3776	rVB3	928	879	0.21%	0.028%
86	13.260	3779	3785	3794	rVB4	3664	4747	1.13%	0.151%
87	13.315	3798	3802	3807	rBV4	1762	1773	0.42%	0.056%
88	13.550	3870	3875	3888	rVB2	3113	4149	0.99%	0.132%
89	13.646	3900	3905	3908	rBV3	586	568	0.14%	0.018%
90	13.759	3934	3940	3945	rBV5	1608	2167	0.52%	0.069%
91	14.000	4012	4015	4016	rBV	150	105	0.03%	0.003%
92	14.013	4017	4019	4021	rVV2	339	162	0.04%	0.005%
93	14.074	4028	4038	4039	rBV3	778	943	0.22%	0.030%
94	14.408	4140	4142	4145	rVB	531	238	0.06%	0.008%
95	14.472	4160	4162	4164	rBV	438	244	0.06%	0.008%
96	14.601	4200	4202	4204	rBV2	263	110	0.03%	0.004%
97	15.038	4336	4338	4342	rVB	525	239	0.06%	0.008%
98	15.357	4435	4437	4442	rBV3	485	462	0.11%	0.015%
99	16.254	4714	4716	4717	rBV	335	132	0.03%	0.004%

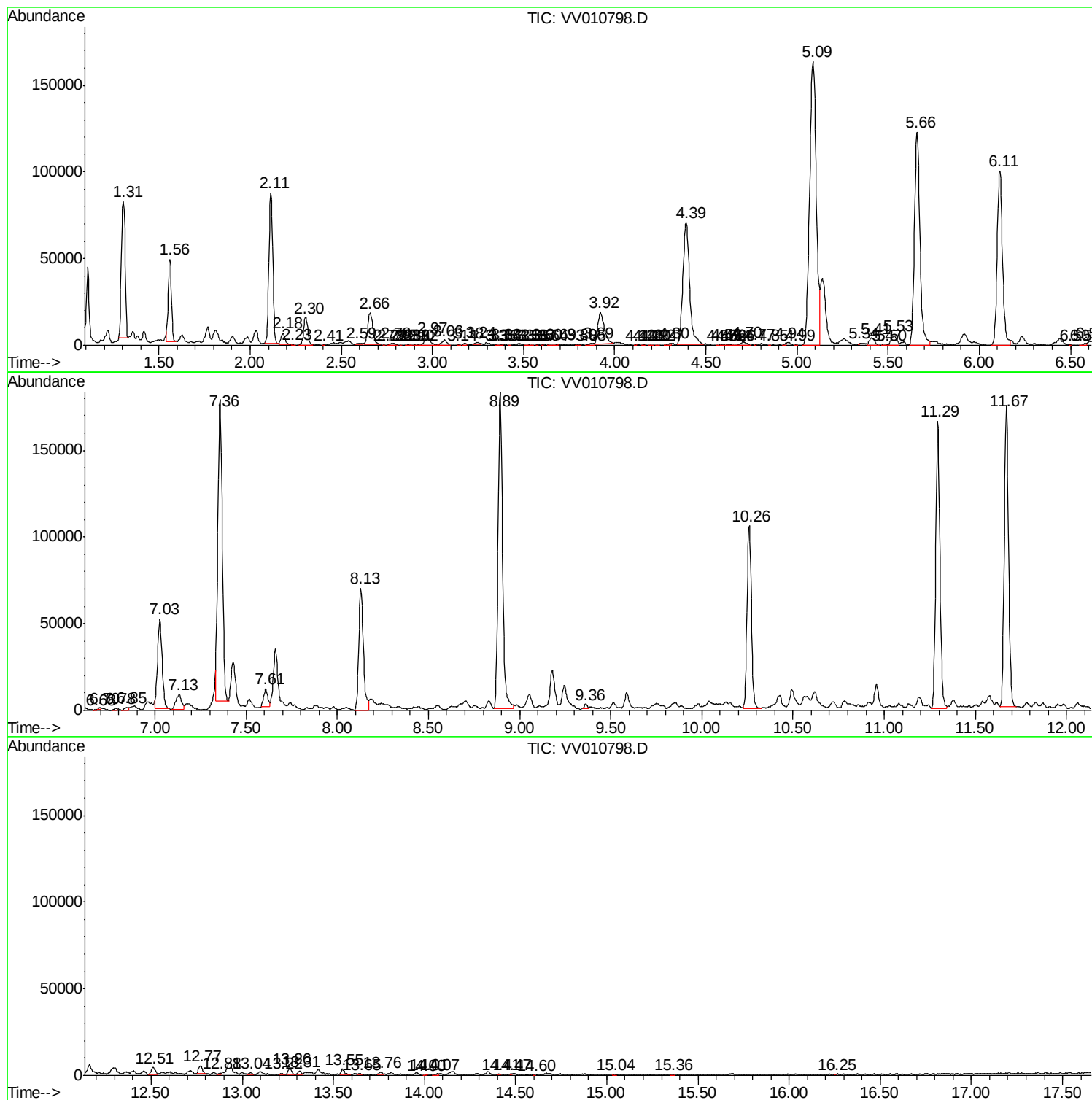
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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



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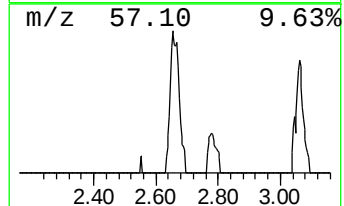
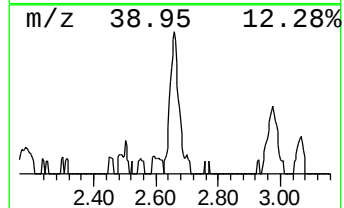
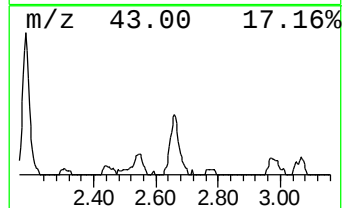
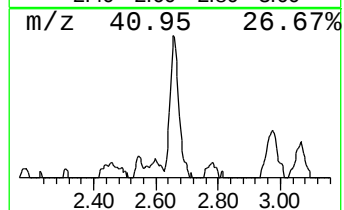
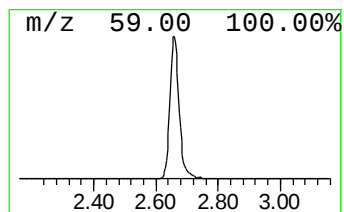
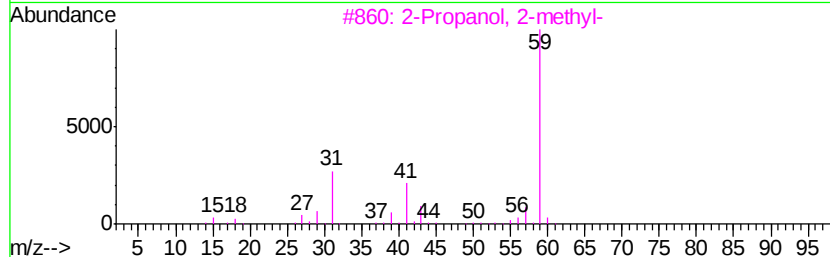
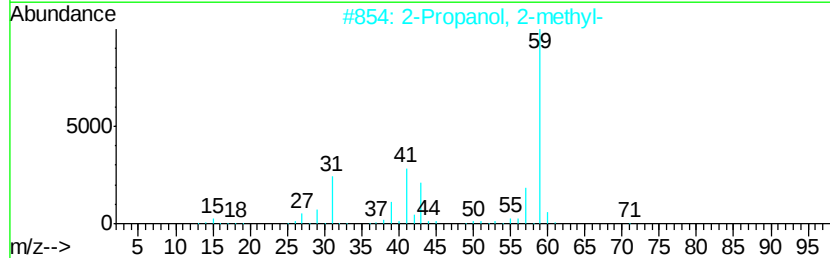
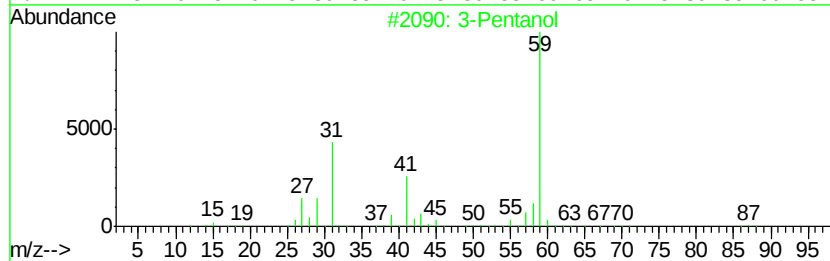
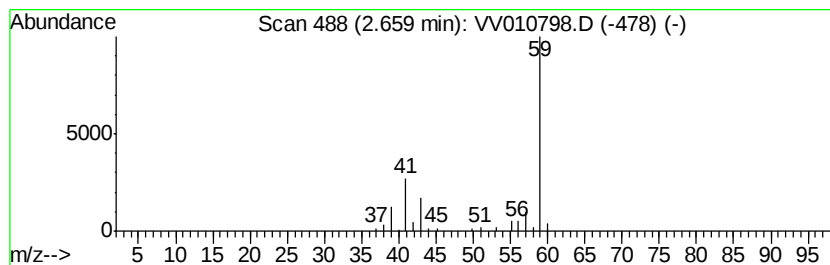
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 1 3-Pentanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.66	3.42 ug/L	35033	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol	88	C5H12O	000584-02-1	56
2			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	50
3			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
4			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
5			3-Pentanol	88	C5H12O	000584-02-1	9



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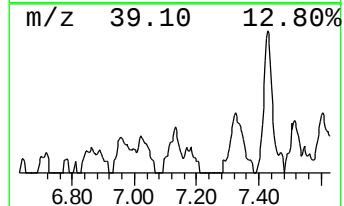
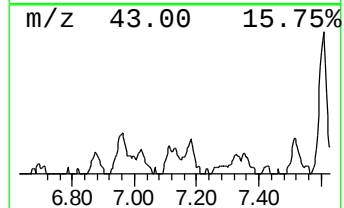
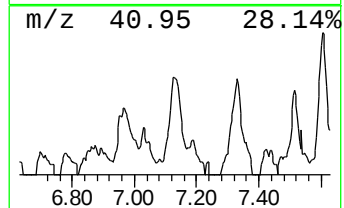
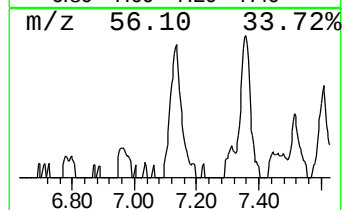
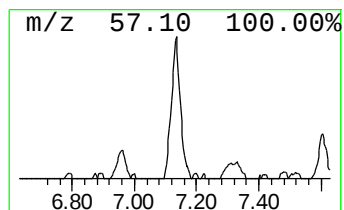
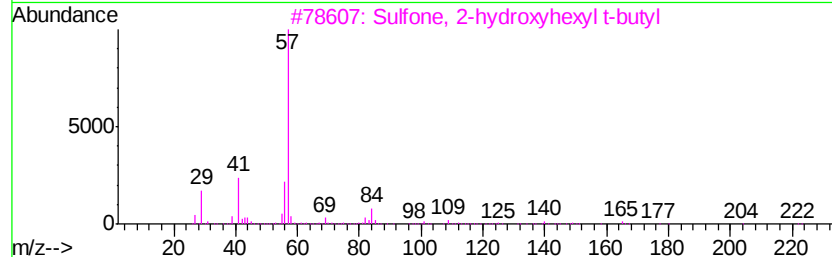
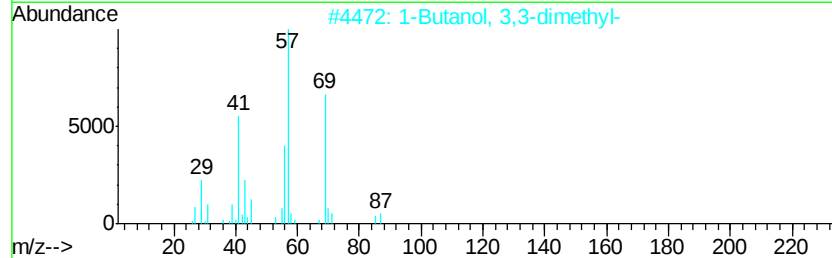
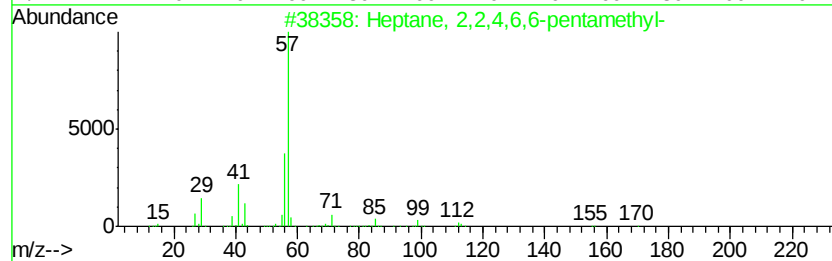
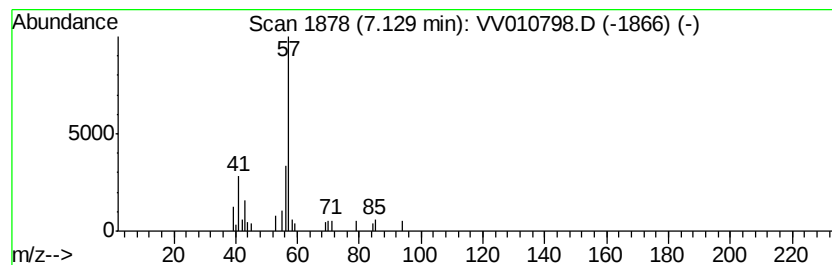
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	1.83 ug/L	18758	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	45
2			1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	45
3			Sulfone, 2-hydroxyhexyl t-butyl	222	C10H22O3S	1000161-82-5	42
4			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38
5			Carbonic acid, bis(2-methylpropy...	174	C9H18O3	000539-92-4	38



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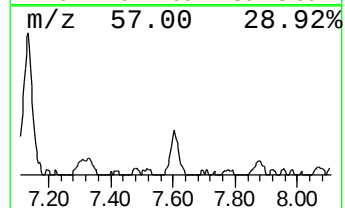
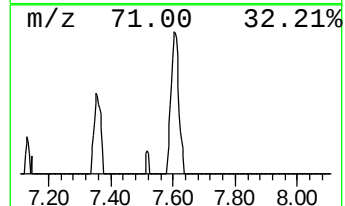
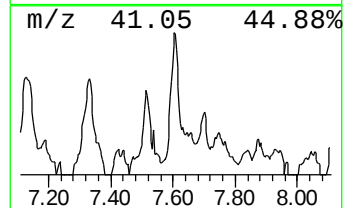
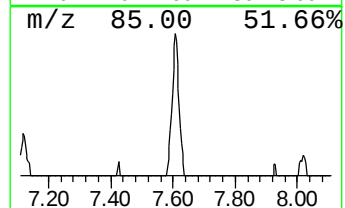
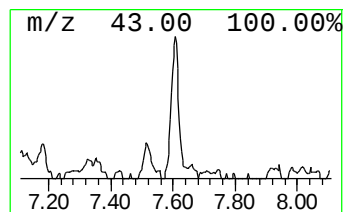
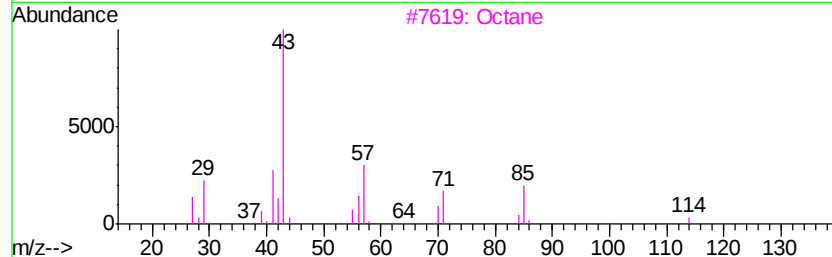
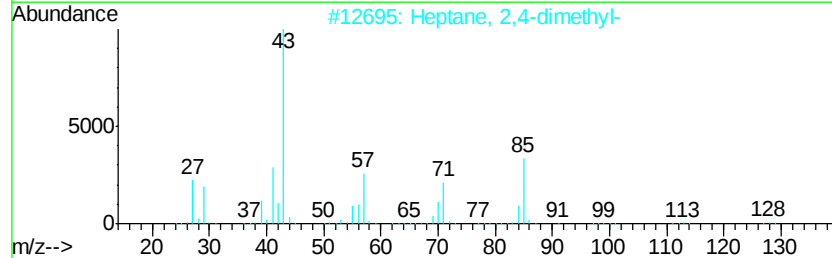
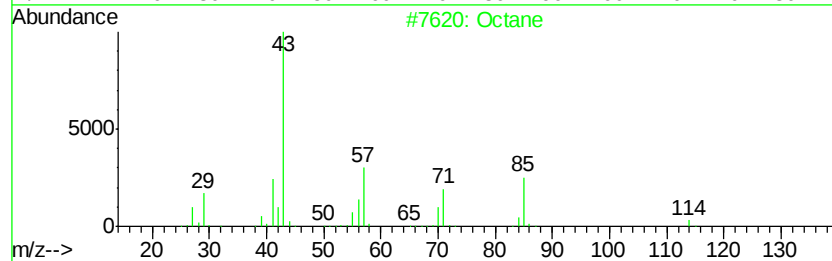
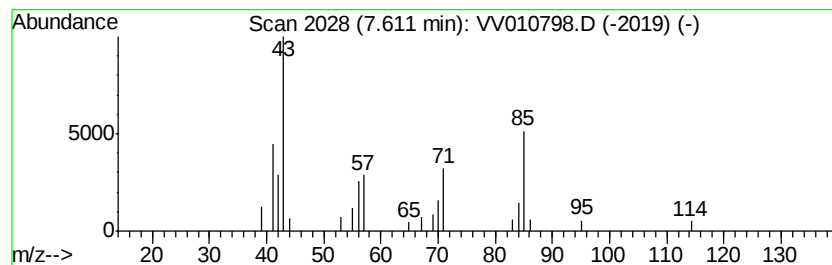
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	1.33 ug/L	16451	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	74
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3		Octane	114	C8H18	000111-65-9	64
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5		Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	59



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Misc : 5.78G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5190

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Pentanol	2.66	3.4	ug/L	35033	1	5.66	255727	25.0
(DEL) Alkane: Str...	7.13	1.8	ug/L	18758	1	5.66	255727	25.0
(DEL) Alkane: Str...	7.61	1.3	ug/L	16451	2	8.89	309167	25.0