

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
 Data File : VV011028.D
 Acq On : 23 May 2019 15:43
 Operator : SY/MD
 Sample : K3016-10
 Misc : 5.46G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C9

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\SOM2VLM052019S.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	1.315	64	70	78	rVB	35716	34007	10.46%	1.203%
2	1.386	87	92	101	rVB	7819	8284	2.55%	0.293%
3	1.563	140	147	156	rVB	24115	28280	8.70%	1.001%
4	1.811	217	224	233	rVB3	3891	5507	1.69%	0.195%
5	2.119	310	320	332	rBV	59068	82525	25.39%	2.920%
6	2.187	332	341	352	rBV	24309	35517	10.93%	1.257%
7	2.457	416	425	437	rVB3	2733	4719	1.45%	0.167%
8	2.531	437	448	456	rBV3	3594	5645	1.74%	0.200%
9	2.647	477	484	486	rBV4	760	875	0.27%	0.031%
10	2.987	581	590	597	rVV5	1559	2713	0.83%	0.096%
11	3.065	603	614	626	rVB6	3791	7461	2.30%	0.264%
12	3.151	638	641	645	rBV	206	210	0.06%	0.007%
13	3.254	667	673	676	rBV2	179	250	0.08%	0.009%
14	3.486	741	745	749	rVB2	251	239	0.07%	0.008%
15	3.753	819	828	840	rVV5	3166	7242	2.23%	0.256%
16	3.862	856	862	863	rBV2	280	246	0.08%	0.009%
17	3.936	873	885	903	rBV	18180	45718	14.07%	1.618%
18	4.396	1011	1028	1044	rBV2	57063	136628	42.04%	4.835%
19	4.708	1122	1125	1131	rVB3	354	297	0.09%	0.011%
20	4.772	1140	1145	1148	rVV	228	216	0.07%	0.008%
21	4.798	1149	1153	1157	rVV	180	192	0.06%	0.007%
22	5.090	1226	1244	1281	rBV3	128734	323555	99.56%	11.449%
23	5.283	1300	1304	1309	rBV2	280	279	0.09%	0.010%
24	5.370	1321	1331	1333	rBV4	1198	1528	0.47%	0.054%
25	5.460	1355	1359	1364	rBV2	213	268	0.08%	0.009%
26	5.579	1384	1396	1409	rVV2	3567	7733	2.38%	0.274%
27	5.659	1409	1421	1452	rVV	132256	276646	85.12%	9.789%
28	5.881	1486	1490	1494	rBV2	261	309	0.10%	0.011%
29	5.936	1504	1507	1508	rBV	742	382	0.12%	0.014%
30	6.116	1549	1563	1592	rBV2	75867	156682	48.21%	5.544%
31	6.328	1619	1629	1652	rBV2	18446	36999	11.38%	1.309%
32	6.640	1720	1726	1727	rBV	415	279	0.09%	0.010%
33	6.698	1738	1744	1745	rBV2	1132	970	0.30%	0.034%
34	6.775	1764	1768	1771	rVB2	222	180	0.06%	0.006%

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35	7.029	1835	1847	1862	rBV	36003	64289	19.78%	2.275%
36	7.119	1871	1875	1877	rBV2	534	350	0.11%	0.012%
37	7.187	1889	1896	1900	rVB3	876	872	0.27%	0.031%
38	7.357	1930	1949	1965	rBV	133184	244900	75.35%	8.666%
39	7.614	2027	2029	2033	rVB2	658	455	0.14%	0.016%
40	7.662	2033	2044	2060	rBV2	25653	42836	13.18%	1.516%
41	7.746	2066	2070	2071	rBV2	519	299	0.09%	0.011%
42	7.891	2112	2115	2118	rVB	341	191	0.06%	0.007%
43	7.916	2118	2123	2126	rBV2	299	303	0.09%	0.011%
44	7.932	2126	2128	2133	rBV2	233	257	0.08%	0.009%
45	7.984	2140	2144	2154	rVB5	1597	2280	0.70%	0.081%
46	8.051	2159	2165	2169	rBV	332	363	0.11%	0.013%
47	8.132	2179	2190	2205	rBV2	65351	113127	34.81%	4.003%
48	8.280	2223	2236	2255	rBV	107200	178823	55.02%	6.328%
49	8.518	2304	2310	2314	rBV2	284	277	0.09%	0.010%
50	8.711	2368	2370	2374	rVB2	313	221	0.07%	0.008%
51	8.894	2414	2427	2444	rBV	197385	324998	100.00%	11.500%
52	9.048	2470	2475	2476	rBV3	326	245	0.08%	0.009%
53	9.183	2511	2517	2520	rBV4	722	872	0.27%	0.031%
54	9.212	2524	2526	2529	rBV2	385	288	0.09%	0.010%
55	9.251	2533	2538	2540	rBV2	1253	1078	0.33%	0.038%
56	9.531	2617	2625	2626	rBV3	1508	1336	0.41%	0.047%
57	9.694	2674	2676	2679	rBV2	298	198	0.06%	0.007%
58	9.852	2716	2725	2735	rBV4	5740	9066	2.79%	0.321%
59	9.929	2743	2749	2750	rBV	218	243	0.07%	0.009%
60	9.948	2750	2755	2758	rVV3	552	629	0.19%	0.022%
61	9.968	2758	2761	2764	rVV2	328	329	0.10%	0.012%
62	9.993	2766	2769	2774	rVB2	612	541	0.17%	0.019%
63	10.260	2837	2852	2869	rVB	85652	132202	40.68%	4.678%
64	10.415	2896	2900	2902	rBV	1793	1128	0.35%	0.040%
65	10.627	2961	2966	2970	rVB5	897	616	0.19%	0.022%
66	10.688	2981	2985	2988	rBV2	251	253	0.08%	0.009%
67	10.723	2994	2996	3001	rVB3	269	194	0.06%	0.007%
68	10.756	3001	3006	3007	rBV2	808	529	0.16%	0.019%
69	10.804	3017	3021	3023	rBV2	360	236	0.07%	0.008%
70	10.900	3042	3051	3054	rBV4	1061	1706	0.52%	0.060%
71	10.945	3056	3065	3071	rBV2	25549	43414	13.36%	1.536%

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72	11.080	3099	3107	3109	rBV4	510	671	0.21%	0.024%
73	11.196	3135	3143	3149	rVV6	6586	9869	3.04%	0.349%
74	11.235	3149	3155	3163	rVB5	7987	11381	3.50%	0.403%
75	11.296	3163	3174	3192	rVB	141027	231906	71.36%	8.206%
76	11.579	3256	3262	3271	rVB6	1341	1832	0.56%	0.065%
77	11.672	3281	3291	3307	rBV	98337	158112	48.65%	5.595%
78	11.942	3372	3375	3378	rVB2	372	252	0.08%	0.009%
79	12.055	3404	3410	3421	rBV5	1951	3233	0.99%	0.114%
80	12.292	3474	3484	3498	rBV2	1772	2784	0.86%	0.099%
81	12.389	3508	3514	3523	rVB5	3531	4704	1.45%	0.166%
82	12.717	3611	3616	3618	rBV4	1130	1144	0.35%	0.040%
83	12.932	3681	3683	3686	rBV3	412	206	0.06%	0.007%
84	13.489	3850	3856	3859	rVB3	402	415	0.13%	0.015%
85	13.559	3875	3878	3885	rVB3	462	487	0.15%	0.017%
86	13.627	3897	3899	3902	rBV4	305	239	0.07%	0.008%
87	13.797	3949	3952	3958	rVB2	388	326	0.10%	0.012%
88	14.090	4034	4043	4057	rVB	7452	12200	3.75%	0.432%
89	14.691	4223	4230	4233	rBV2	296	383	0.12%	0.014%
90	14.955	4307	4312	4315	rVV2	265	249	0.08%	0.009%
91	15.202	4387	4389	4393	rVB	350	203	0.06%	0.007%
92	15.228	4393	4397	4399	rBV2	328	322	0.10%	0.011%
93	15.292	4410	4417	4421	rBV3	347	504	0.16%	0.018%
94	15.392	4442	4448	4452	rBV2	297	359	0.11%	0.013%
95	15.746	4555	4558	4562	rBV3	368	367	0.11%	0.013%
96	15.845	4586	4589	4592	rBV2	320	259	0.08%	0.009%
97	15.958	4619	4624	4627	rBV2	333	331	0.10%	0.012%
98	16.402	4759	4762	4763	rBV2	384	238	0.07%	0.008%
99	16.720	4859	4861	4867	rBV3	335	249	0.08%	0.009%
100	17.125	4985	4987	4991	rVB2	544	303	0.09%	0.011%

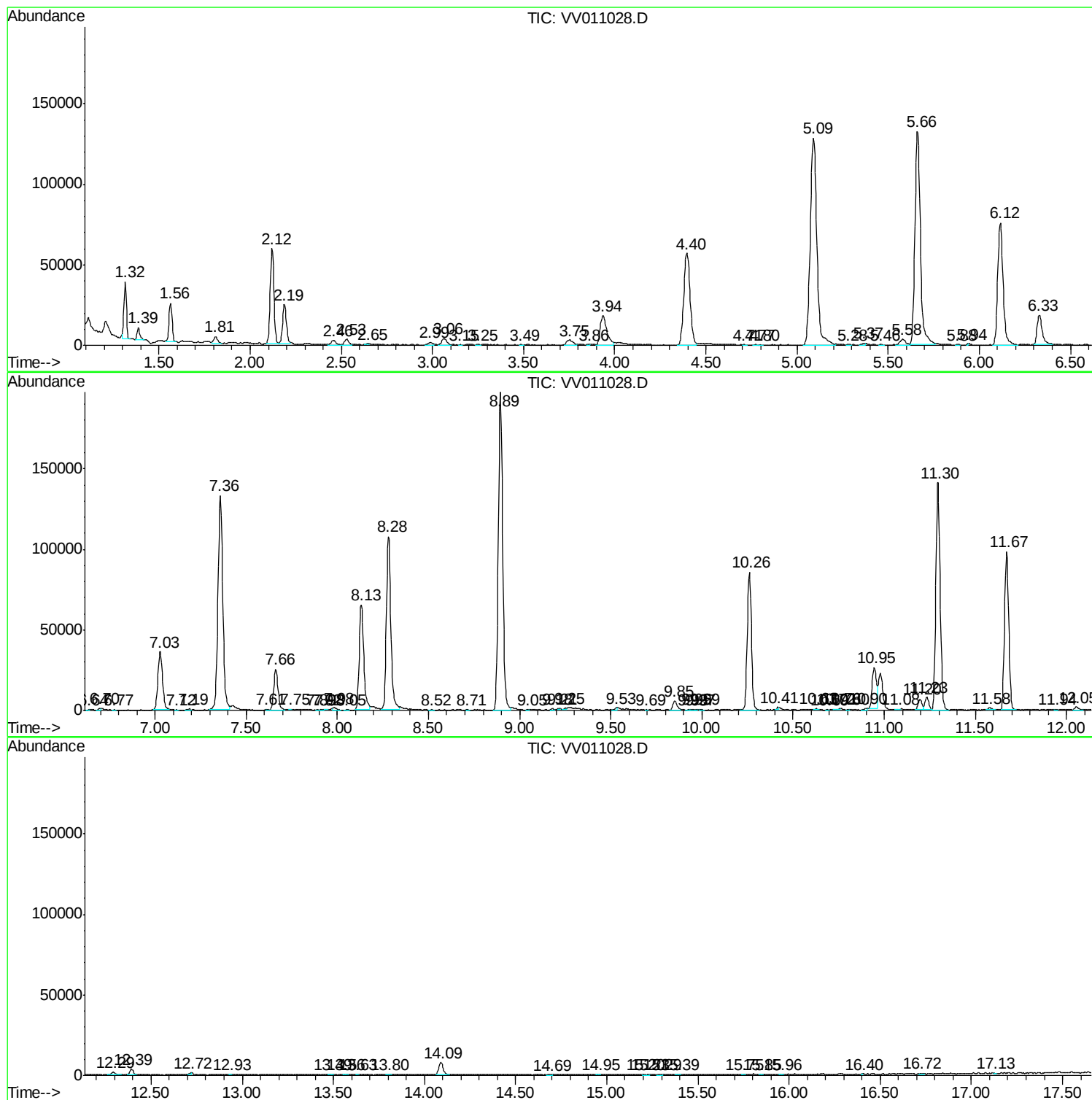
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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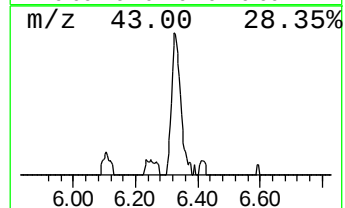
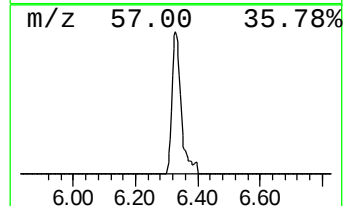
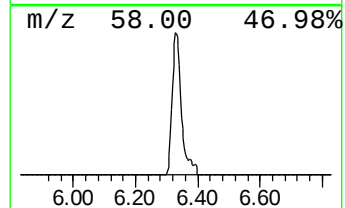
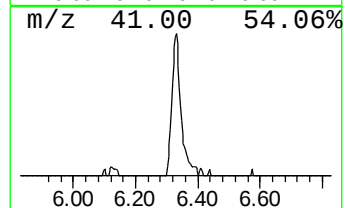
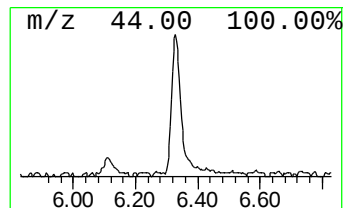
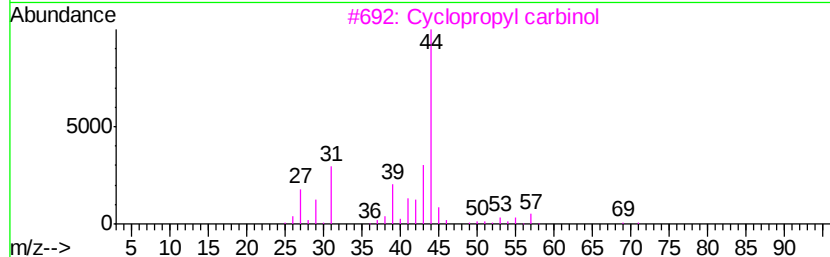
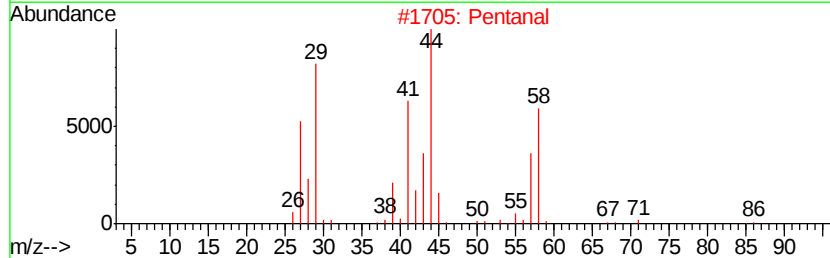
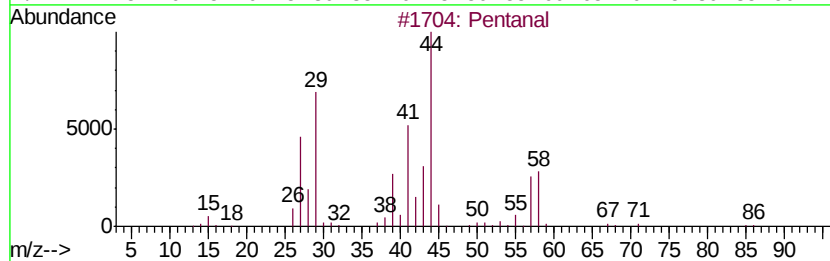
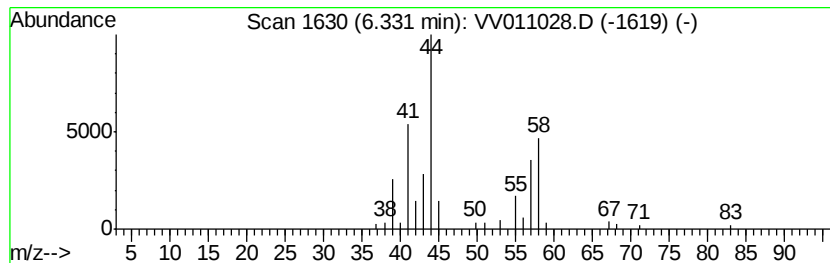
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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

Peak Number 1 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	3.34 ug/L	36999	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	72
2		Pentanal	86	C5H10O	000110-62-3	56
3		Cyclopropyl carbinol	72	C4H8O	002516-33-8	40
4		Cyclopropyl carbinol	72	C4H8O	002516-33-8	9
5		Ethanol, 2-(2-propenyloxy)-	102	C5H10O2	000111-45-5	9



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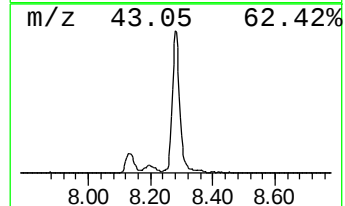
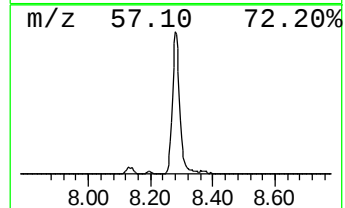
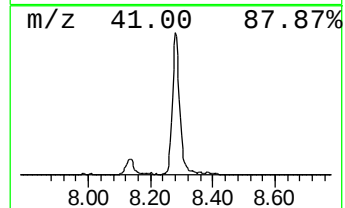
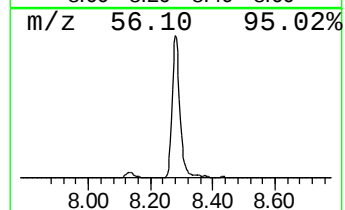
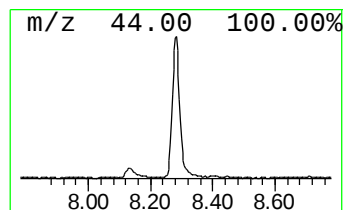
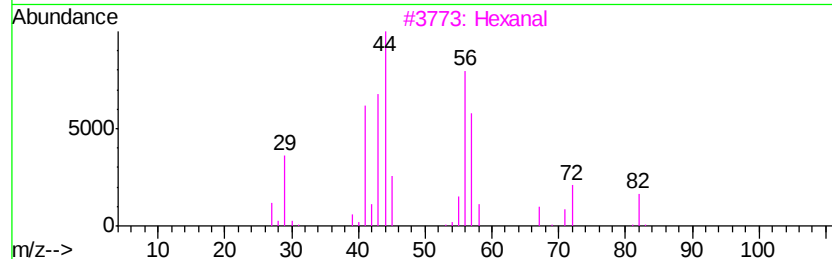
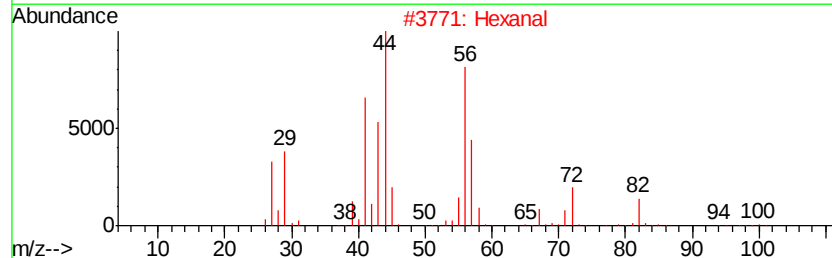
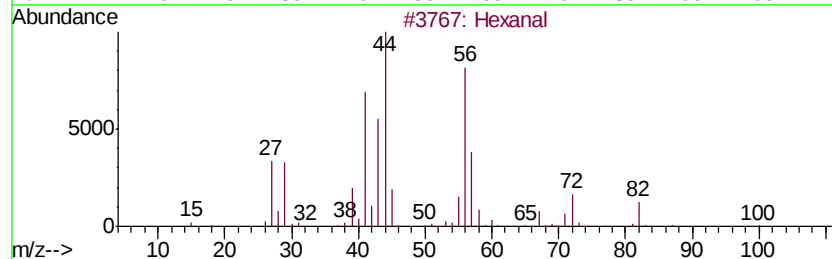
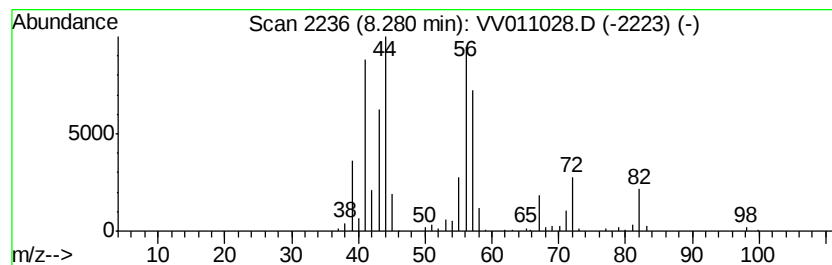
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	13.76 ug/L	178823	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	80
2		Hexanal	100	C6H12O	000066-25-1	80
3		Hexanal	100	C6H12O	000066-25-1	78
4		Hexanal	100	C6H12O	000066-25-1	64
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	35



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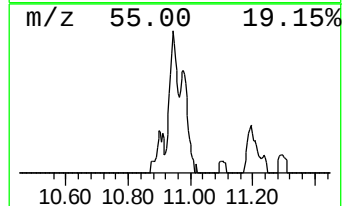
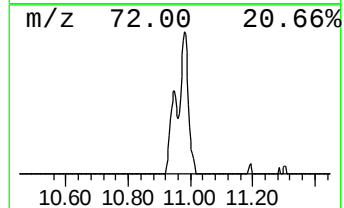
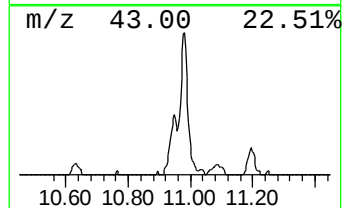
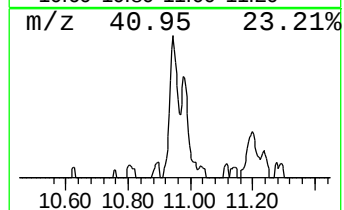
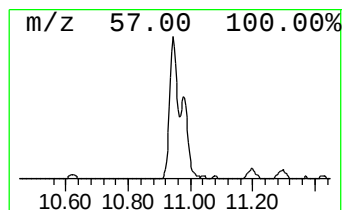
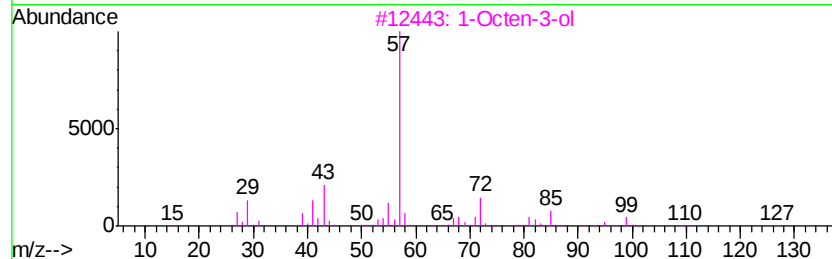
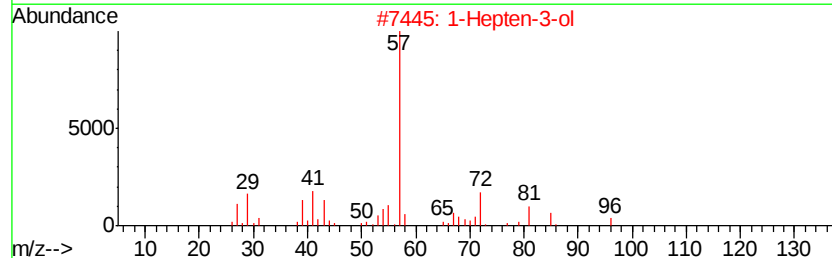
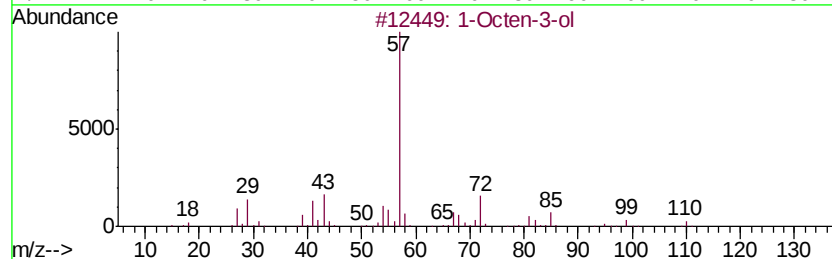
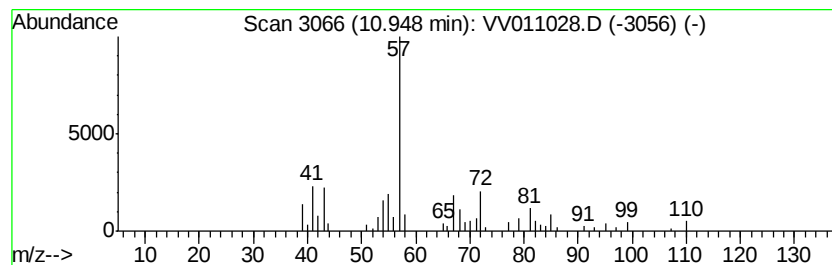
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Peak Number 4 1-Octen-3-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	4.68 ug/L	43414	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octen-3-ol	128	C8H16O	003391-86-4	83
2		1-Hepten-3-ol	114	C7H14O	004938-52-7	53
3		1-Octen-3-ol	128	C8H16O	003391-86-4	53
4		1-Octen-3-ol	128	C8H16O	003391-86-4	47
5		1-Octen-3-ol	128	C8H16O	003391-86-4	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011028.D
Acq On : 23 May 2019 15:43
Operator : SY/MD
Sample : K3016-10
Misc : 5.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.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
Pentanal	6.33	3.3	ug/L	36999	1	5.66	276646	25.0
Hexanal	8.28	13.8	ug/L	178823	2	8.89	324998	25.0
1-Octen-3-ol	10.95	4.7	ug/L	43414	3	11.29	231906	25.0