

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011120.D
 Acq On : 29 May 2019 23:17
 Operator : SY/MD
 Sample : K3017-10
 Misc : 4.22G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E3

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\SOM2VLM052819S.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	65	70	79	rVB	169455	152585	13.72%	1.785%
2	2.122	313	321	332	rVB2	268509	389835	35.05%	4.560%
3	2.897	558	562	565	rVB5	1430	1106	0.10%	0.013%
4	3.061	607	613	614	rBV6	4009	4072	0.37%	0.048%
5	3.357	702	705	706	rBV3	502	292	0.03%	0.003%
6	3.376	709	711	712	rBV	293	101	0.01%	0.001%
7	3.389	712	715	718	rBV4	1104	847	0.08%	0.010%
8	3.495	746	748	751	rBV5	771	568	0.05%	0.007%
9	3.534	758	760	762	rBV3	913	539	0.05%	0.006%
10	3.637	787	792	794	rBV5	1218	1215	0.11%	0.014%
11	3.749	815	827	846	rBV3	16281	42195	3.79%	0.494%
12	3.936	875	885	905	rBV2	60014	151458	13.62%	1.772%
13	4.216	970	972	973	rBV2	894	311	0.03%	0.004%
14	4.399	1010	1029	1048	rBV2	179395	439124	39.48%	5.136%
15	4.878	1174	1178	1182	rBV6	1149	1052	0.09%	0.012%
16	4.949	1197	1200	1203	rBV5	949	747	0.07%	0.009%
17	4.994	1212	1214	1216	rVB3	1251	550	0.05%	0.006%
18	5.090	1222	1244	1274	rBV2	442315	1112233	100.00%	13.010%
19	5.663	1408	1422	1453	rBV	342221	701563	63.08%	8.206%
20	6.058	1539	1545	1548	rBV6	1515	1513	0.14%	0.018%
21	6.116	1550	1563	1583	rVV	254835	515058	46.31%	6.025%
22	6.331	1621	1630	1652	rVB2	74274	144332	12.98%	1.688%
23	6.608	1712	1716	1717	rBV3	801	490	0.04%	0.006%
24	6.617	1717	1719	1720	rBV3	625	286	0.03%	0.003%
25	6.765	1762	1765	1768	rVB3	1113	724	0.07%	0.008%
26	6.794	1769	1774	1775	rBV5	1112	779	0.07%	0.009%
27	6.830	1783	1785	1789	rVB3	1187	627	0.06%	0.007%
28	6.849	1789	1791	1792	rBV2	928	521	0.05%	0.006%
29	6.881	1799	1801	1803	rBV3	861	478	0.04%	0.006%
30	6.910	1809	1810	1811	rBV	620	171	0.02%	0.002%
31	6.939	1818	1819	1822	rVB4	1015	337	0.03%	0.004%
32	6.955	1822	1824	1827	rBV4	885	544	0.05%	0.006%
33	7.026	1833	1846	1868	rBV	146418	263475	23.69%	3.082%
34	7.241	1911	1913	1914	rBV3	1078	488	0.04%	0.006%

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 Title : VOC Analysis

35	7.357	1937	1949	1968	rBV	481798	842483	75.75%	9.854%
36	7.662	2034	2044	2061	rVB2	95631	160538	14.43%	1.878%
37	7.981	2132	2143	2157	rBV3	11651	23039	2.07%	0.269%
38	8.132	2180	2190	2211	rBV	225686	398070	35.79%	4.656%
39	8.280	2226	2236	2256	rBV	359331	598125	53.78%	6.996%
40	8.614	2338	2340	2342	rVB3	888	279	0.03%	0.003%
41	8.678	2358	2360	2362	rBV3	1034	581	0.05%	0.007%
42	8.704	2366	2368	2372	rBV5	833	742	0.07%	0.009%
43	8.752	2381	2383	2384	rBV	786	301	0.03%	0.004%
44	8.894	2415	2427	2464	rVB	486337	831198	74.73%	9.722%
45	9.100	2487	2491	2493	rBV5	1605	1043	0.09%	0.012%
46	9.852	2716	2725	2739	rBV2	25617	44272	3.98%	0.518%
47	9.965	2756	2760	2765	rBV7	1905	2299	0.21%	0.027%
48	10.154	2817	2819	2821	rBV3	1171	583	0.05%	0.007%
49	10.190	2828	2830	2831	rBV2	885	338	0.03%	0.004%
50	10.260	2841	2852	2869	rVB	250351	395250	35.54%	4.623%
51	10.421	2894	2902	2918	rVB2	22529	40457	3.64%	0.473%
52	10.489	2921	2923	2924	rBV2	655	243	0.02%	0.003%
53	10.707	2988	2991	2994	rBV4	1613	1159	0.10%	0.014%
54	10.723	2994	2996	2997	rBV	999	391	0.04%	0.005%
55	11.196	3135	3143	3154	rBV7	13641	25366	2.28%	0.297%
56	11.296	3162	3174	3189	rBV	376291	627389	56.41%	7.338%
57	11.579	3254	3262	3275	rBV2	12555	22558	2.03%	0.264%
58	11.672	3280	3291	3304	rVV	352405	567407	51.02%	6.637%
59	11.858	3345	3349	3351	rBV4	1657	1250	0.11%	0.015%
60	11.987	3387	3389	3392	rBV3	1285	749	0.07%	0.009%
61	12.672	3600	3602	3606	rBV6	1329	1005	0.09%	0.012%
62	13.190	3756	3763	3776	rBV6	4584	10387	0.93%	0.121%
63	13.305	3797	3799	3802	rBV3	1410	1079	0.10%	0.013%
64	13.518	3861	3865	3869	rBV4	2460	2008	0.18%	0.023%
65	13.601	3889	3891	3892	rBV2	679	255	0.02%	0.003%
66	13.633	3895	3901	3908	rVV8	7179	10490	0.94%	0.123%
67	13.704	3921	3923	3925	rBV3	1074	645	0.06%	0.008%
68	13.739	3930	3934	3935	rBV3	1112	692	0.06%	0.008%
69	13.820	3956	3959	3961	rBV3	1153	760	0.07%	0.009%
70	13.913	3984	3988	3990	rBV3	1257	989	0.09%	0.012%
71	14.019	4019	4021	4024	rBV4	582	254	0.02%	0.003%

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Title : VOC Analysis

72	14.042	4024	4028	4031	rBV7	931	920	0.08%	0.011%
73	14.228	4082	4086	4090	rBV7	2190	2261	0.20%	0.026%
74	14.868	4282	4285	4288	rBV4	1706	1234	0.11%	0.014%

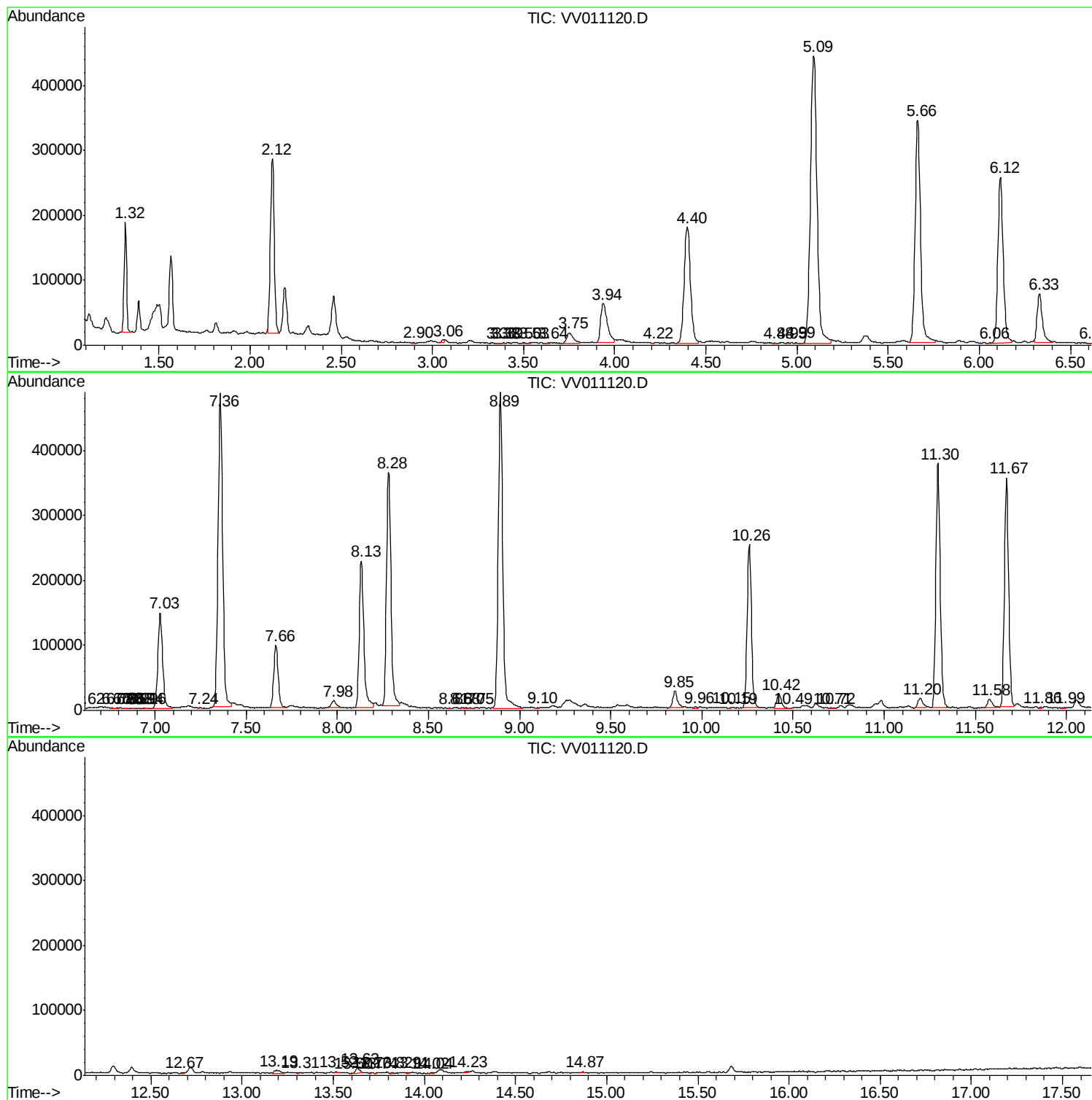
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampled :
A51E3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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



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Data File : VV011120.D
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Misc : 4.22G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E3

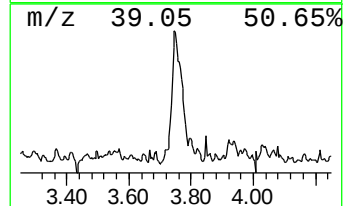
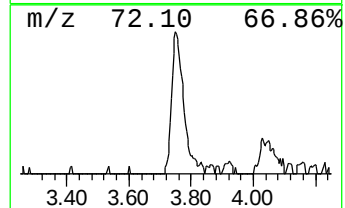
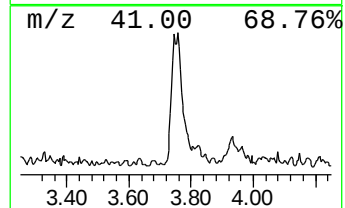
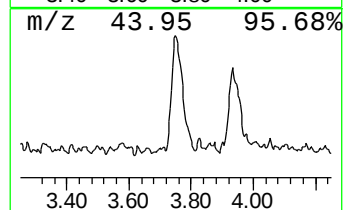
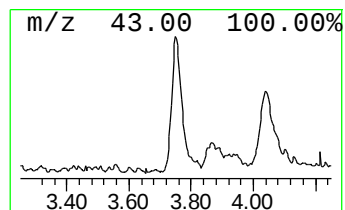
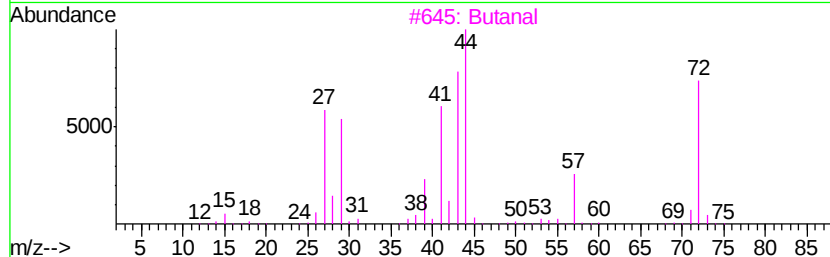
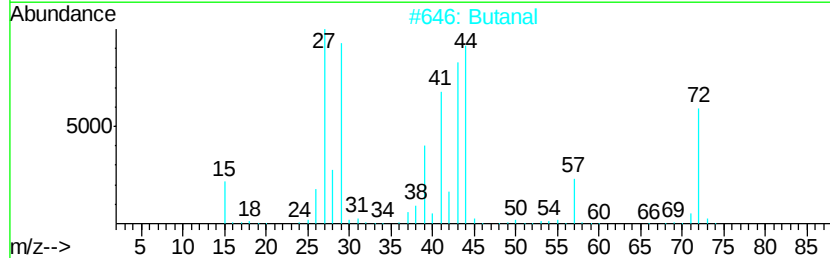
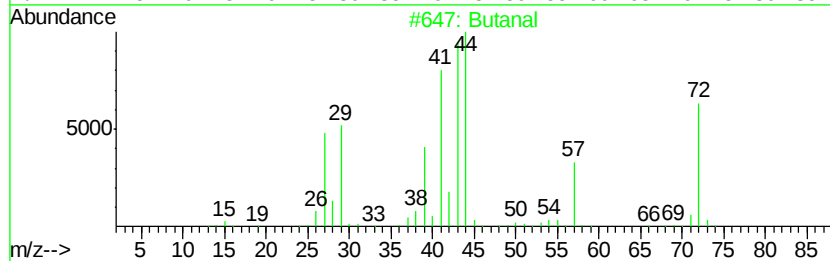
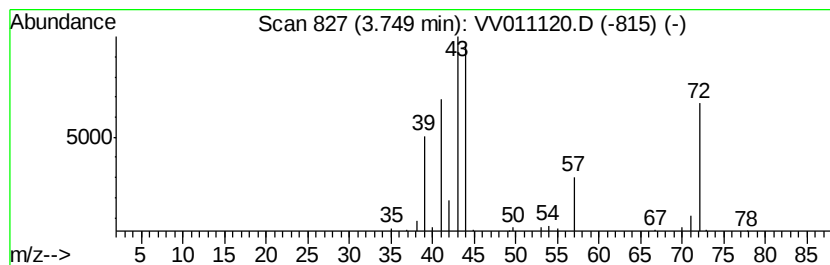
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 1 Butanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	1.50 ug/L	42195	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	94
2		Butanal	72	C4H8O	000123-72-8	87
3		Butanal	72	C4H8O	000123-72-8	76
4		Ethene, ethoxy-	72	C4H8O	000109-92-2	40
5		5,9-Dodecadien-2-one, 6,10-dimet...	208	C14H24O	1000132-10-9	38



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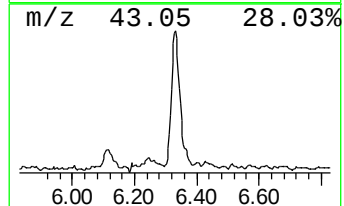
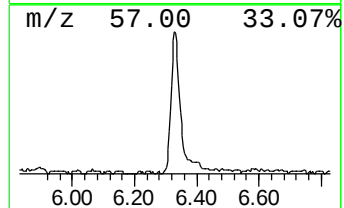
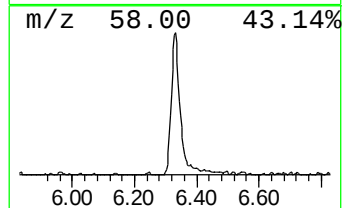
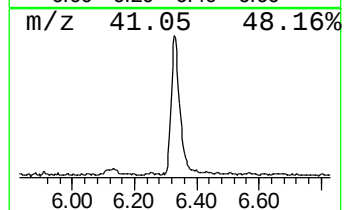
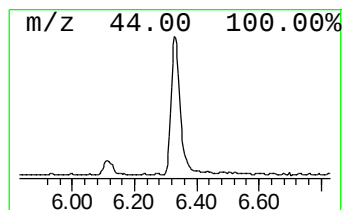
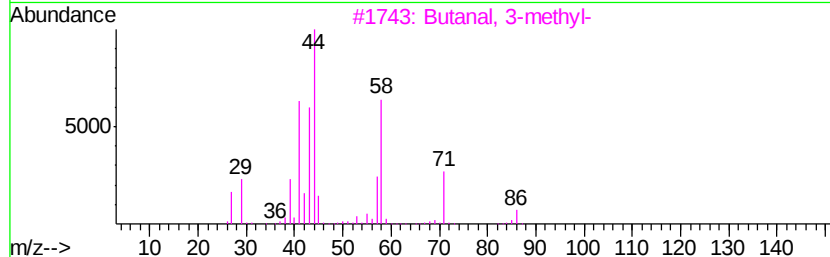
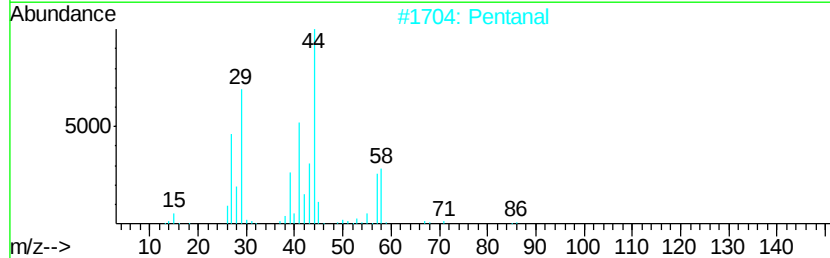
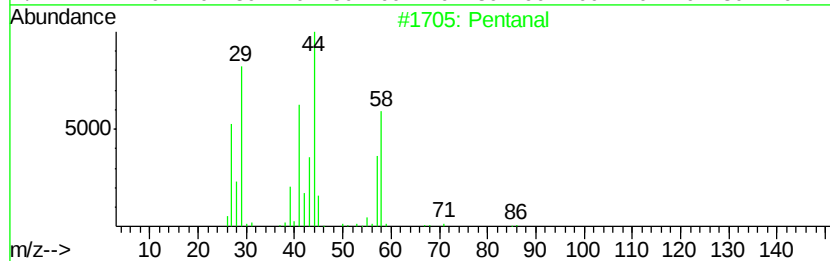
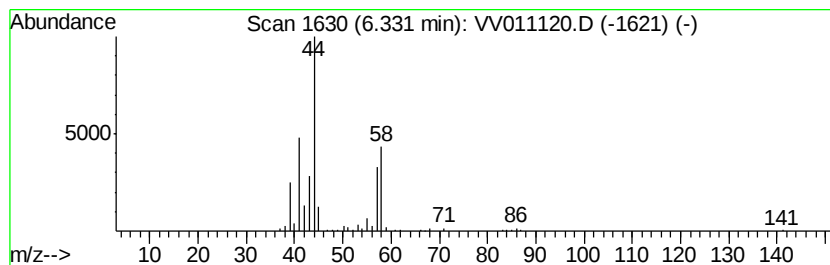
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 2 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	5.14 ug/L	144332	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	91
2		Pentanal	86	C5H10O	000110-62-3	90
3		Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
4		Pentanal	86	C5H10O	000110-62-3	64
5		Cyclopropyl carbinol	72	C4H8O	002516-33-8	42



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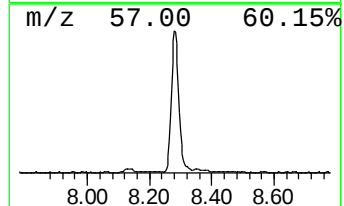
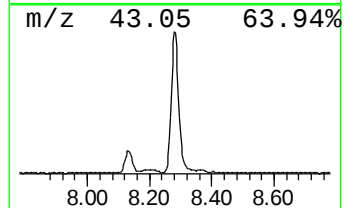
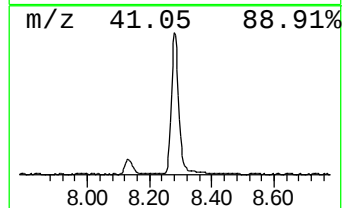
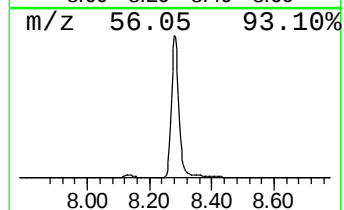
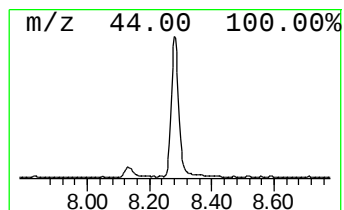
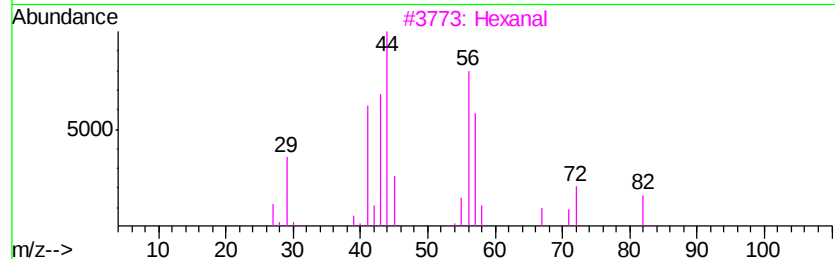
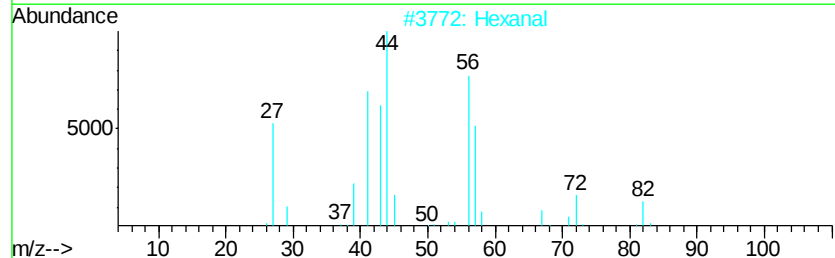
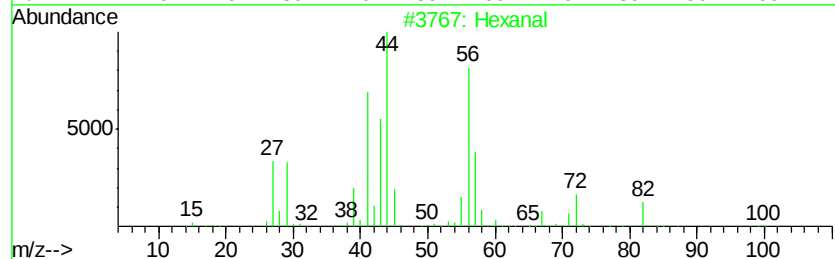
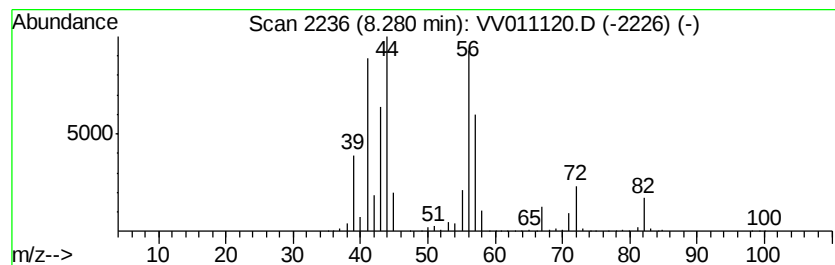
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Quant Title : VOC Analysis

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

Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	17.99 ug/L	598125	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	87
2		Hexanal	100	C6H12O	000066-25-1	80
3		Hexanal	100	C6H12O	000066-25-1	80
4		Hexanal	100	C6H12O	000066-25-1	80
5		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	25



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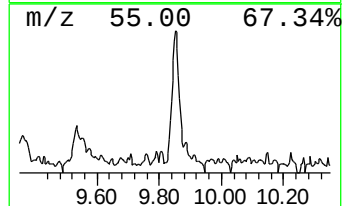
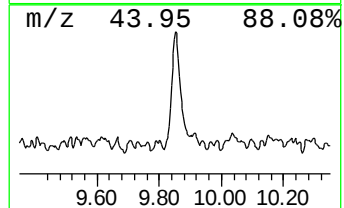
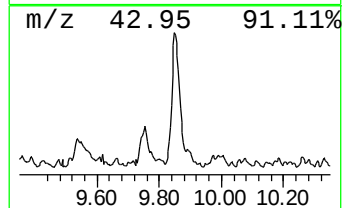
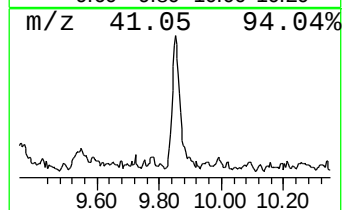
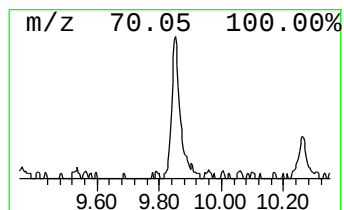
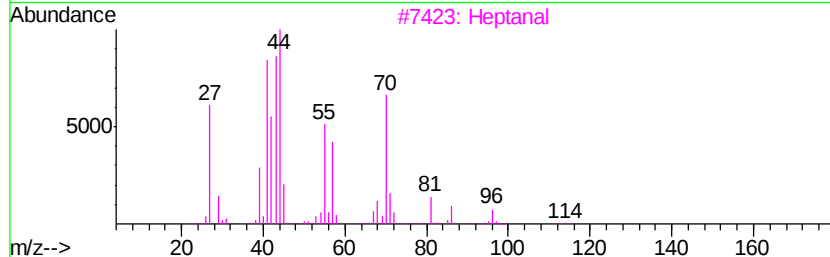
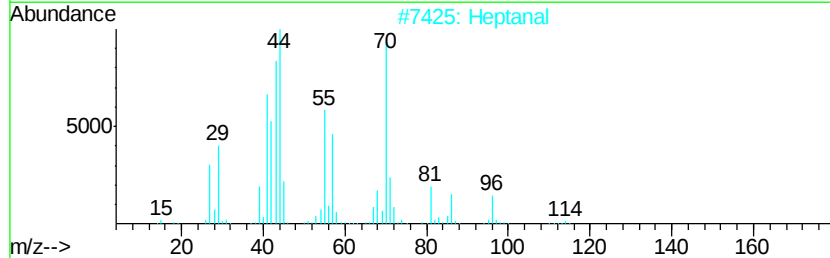
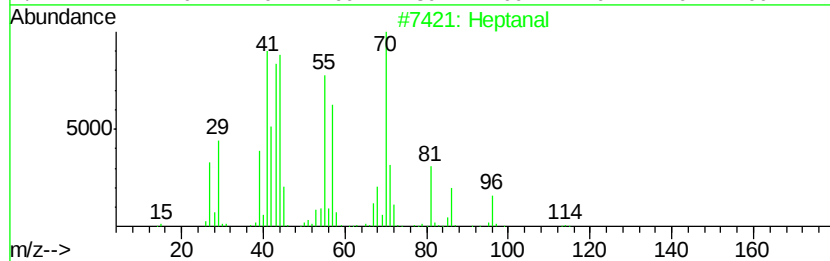
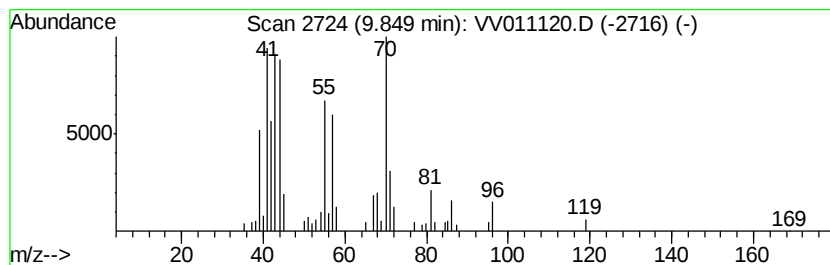
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 5 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	1.33 ug/L	44272	Chlorobenzene-d5	8.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal		114	C7H14O	000111-71-7	72
2	Heptanal		114	C7H14O	000111-71-7	72
3	Heptanal		114	C7H14O	000111-71-7	64
4	Heptanal		114	C7H14O	000111-71-7	64
5	Heptanal		114	C7H14O	000111-71-7	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Data File : VV011120.D
Acq On : 29 May 2019 23:17
Operator : SY/MD
Sample : K3017-10
Misc : 4.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.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
Butanal	3.75	1.5	ug/L	42195	1	5.66	701563	25.0
Pentanal	6.33	5.1	ug/L	144332	1	5.66	701563	25.0
Hexanal	8.28	18.0	ug/L	598125	2	8.89	831198	25.0
Heptanal	9.85	1.3	ug/L	44272	2	8.89	831198	25.0