

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
 Data File : VV011163.D
 Acq On : 31 May 2019 05:41
 Operator : SY/MD
 Sample : K3017-10
 Misc : 2.77G/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\SOM2VLM053019S.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	1.309	62	68	75	rVB	199125	183724	12.34%	1.600%
2	1.380	86	90	99	rVB	62854	62679	4.21%	0.546%
3	1.557	140	145	156	rVB	151690	176756	11.87%	1.540%
4	2.113	310	318	331	rVB2	341176	510894	34.31%	4.450%
5	2.450	416	423	435	rVB	78859	124824	8.38%	1.087%
6	3.151	638	641	642	rBV3	1133	678	0.05%	0.006%
7	3.267	674	677	678	rBV3	833	493	0.03%	0.004%
8	3.463	735	738	740	rBV2	894	674	0.05%	0.006%
9	3.511	751	753	755	rBV3	1044	620	0.04%	0.005%
10	3.685	805	807	809	rVB3	609	181	0.01%	0.002%
11	3.695	809	810	811	rBV	411	126	0.01%	0.001%
12	3.743	815	825	844	rVB2	27106	63333	4.25%	0.552%
13	3.929	872	883	906	rBV	56974	153082	10.28%	1.333%
14	4.203	966	968	969	rBV2	798	342	0.02%	0.003%
15	4.270	987	989	992	rBV3	674	377	0.03%	0.003%
16	4.392	1011	1027	1047	rBV	240095	581030	39.02%	5.061%
17	4.778	1145	1147	1148	rBV2	625	178	0.01%	0.002%
18	4.798	1151	1153	1157	rVV4	1146	585	0.04%	0.005%
19	4.817	1157	1159	1161	rVB3	742	287	0.02%	0.003%
20	4.852	1167	1170	1176	rBV7	1010	678	0.05%	0.006%
21	4.884	1178	1180	1182	rBV3	745	236	0.02%	0.002%
22	4.904	1185	1186	1189	rBV3	453	259	0.02%	0.002%
23	4.917	1189	1190	1191	rBV	688	208	0.01%	0.002%
24	4.958	1200	1203	1205	rBV3	970	495	0.03%	0.004%
25	5.003	1212	1217	1218	rBV3	795	768	0.05%	0.007%
26	5.087	1222	1243	1276	rBV2	599020	1488935	100.00%	12.970%
27	5.656	1407	1420	1449	rBV	480214	961326	64.56%	8.374%
28	5.894	1492	1494	1496	rBV3	1255	404	0.03%	0.004%
29	5.907	1496	1498	1501	rBV4	942	475	0.03%	0.004%
30	6.113	1548	1562	1581	rBV	354032	717933	48.22%	6.254%
31	6.325	1618	1628	1649	rBV	129502	252463	16.96%	2.199%
32	6.781	1767	1770	1774	rBV4	1198	919	0.06%	0.008%
33	6.804	1774	1777	1779	rBV5	797	639	0.04%	0.006%
34	6.862	1791	1795	1798	rBV4	619	554	0.04%	0.005%

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 Title : VOC Analysis

35	6.913	1810	1811	1814	rVB3	919	314	0.02%	0.003%
36	6.942	1818	1820	1821	rBV2	529	153	0.01%	0.001%
37	6.968	1825	1828	1831	rBV4	1028	789	0.05%	0.007%
38	7.026	1831	1846	1862	rBV	190822	337102	22.64%	2.936%
39	7.357	1934	1949	1964	rBV	659308	1156675	77.68%	10.076%
40	7.659	2033	2043	2057	rBV	118599	198632	13.34%	1.730%
41	7.977	2134	2142	2156	rVB3	16203	29325	1.97%	0.255%
42	8.132	2178	2190	2219	rBV	209895	389592	26.17%	3.394%
43	8.280	2225	2236	2263	rBV	608691	994965	66.82%	8.667%
44	8.553	2316	2321	2327	rBV9	1727	1988	0.13%	0.017%
45	8.727	2374	2375	2378	rBV2	590	240	0.02%	0.002%
46	8.749	2378	2382	2383	rBV4	1147	689	0.05%	0.006%
47	8.813	2400	2402	2406	rVB4	883	572	0.04%	0.005%
48	8.894	2416	2427	2453	rVB	653357	1070818	71.92%	9.328%
49	9.051	2474	2476	2481	rVB6	1868	1641	0.11%	0.014%
50	9.074	2481	2483	2486	rVB4	896	322	0.02%	0.003%
51	9.502	2612	2616	2617	rBV4	1120	668	0.04%	0.006%
52	9.534	2618	2626	2628	rBV7	4058	5647	0.38%	0.049%
53	9.852	2716	2725	2746	rVB3	39714	70466	4.73%	0.614%
54	10.029	2779	2780	2782	rVB2	1369	351	0.02%	0.003%
55	10.055	2782	2788	2791	rBV8	2285	2170	0.15%	0.019%
56	10.190	2829	2830	2834	rBV3	875	550	0.04%	0.005%
57	10.260	2840	2852	2874	rVB	261509	418073	28.08%	3.642%
58	10.363	2880	2884	2885	rBV4	1196	788	0.05%	0.007%
59	10.424	2893	2903	2916	rVB	50534	89772	6.03%	0.782%
60	10.505	2920	2928	2929	rBV7	2307	2303	0.15%	0.020%
61	10.566	2937	2947	2958	rBV7	6805	15291	1.03%	0.133%
62	10.727	2995	2997	3000	rBV4	1210	977	0.07%	0.009%
63	11.292	3162	3173	3189	rVB	425254	691537	46.45%	6.024%
64	11.492	3233	3235	3237	rBV3	1234	633	0.04%	0.006%
65	11.582	3252	3263	3268	rBV4	8314	14331	0.96%	0.125%
66	11.672	3279	3291	3304	rBV	373328	599382	40.26%	5.221%
67	12.292	3477	3484	3497	rVB2	16244	28836	1.94%	0.251%
68	12.392	3507	3515	3529	rVB5	19649	33214	2.23%	0.289%
69	12.508	3549	3551	3554	rBV3	1001	454	0.03%	0.004%
70	12.579	3570	3573	3575	rBV3	932	508	0.03%	0.004%
71	12.932	3677	3683	3689	rBV8	3302	4138	0.28%	0.036%

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72	13.099	3729	3735	3736	rBV4	1049	702	0.05%	0.006%
73	13.186	3755	3762	3772	rBV4	5911	10339	0.69%	0.090%
74	13.633	3892	3901	3908	rBV3	7207	12860	0.86%	0.112%
75	13.874	3974	3976	3978	rBV3	1272	637	0.04%	0.006%
76	13.913	3986	3988	3989	rBV3	1059	419	0.03%	0.004%
77	14.135	4055	4057	4059	rBV3	826	226	0.02%	0.002%
78	14.196	4074	4076	4077	rBV	669	232	0.02%	0.002%
79	14.308	4110	4111	4113	rBV2	692	328	0.02%	0.003%
80	14.521	4175	4177	4179	rBV2	738	366	0.02%	0.003%
81	14.614	4204	4206	4207	rBV	548	171	0.01%	0.001%
82	14.865	4282	4284	4289	rBV4	1604	1020	0.07%	0.009%
83	14.919	4300	4301	4304	rBV2	1032	474	0.03%	0.004%
84	14.984	4319	4321	4322	rBV2	970	455	0.03%	0.004%
85	15.736	4553	4555	4556	rBV3	1712	649	0.04%	0.006%

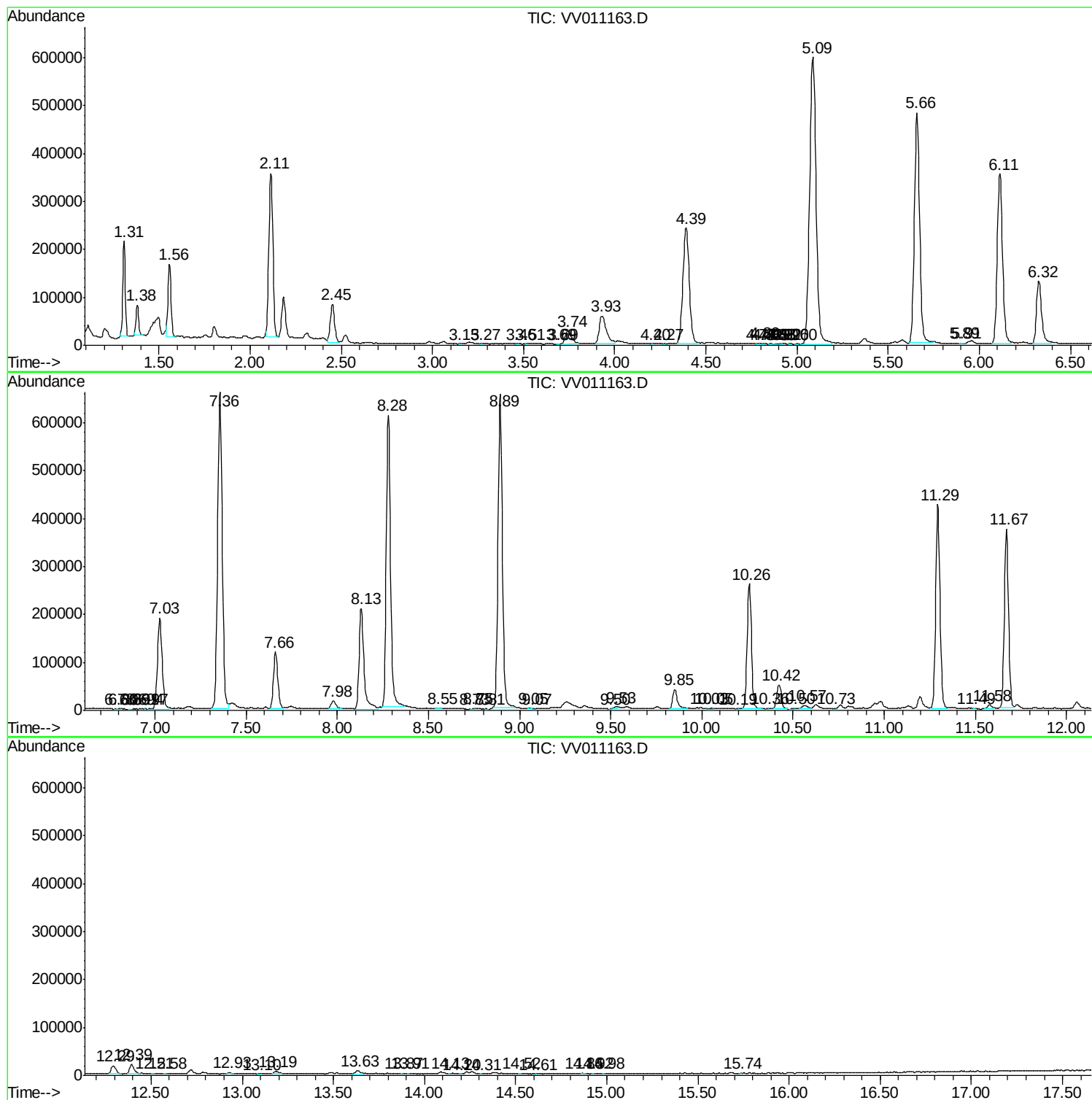
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Instrument :
MSVOA_V
ClientSampled :
A51E3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.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
ClientSampleId :
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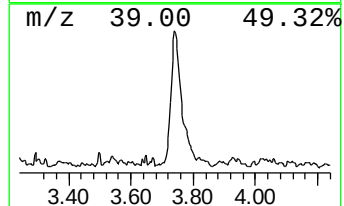
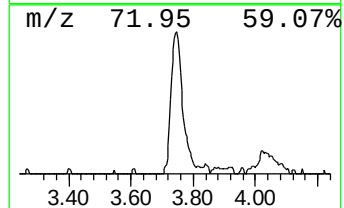
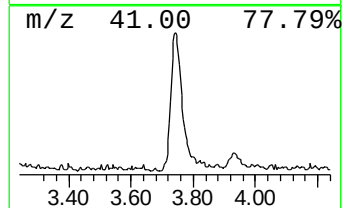
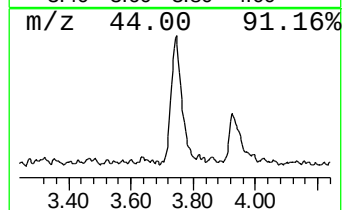
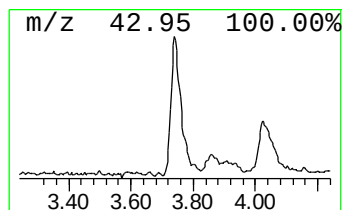
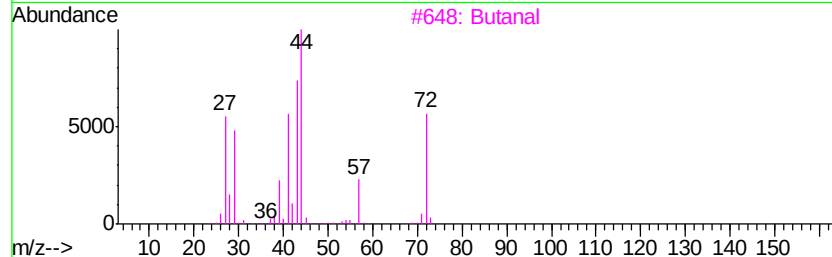
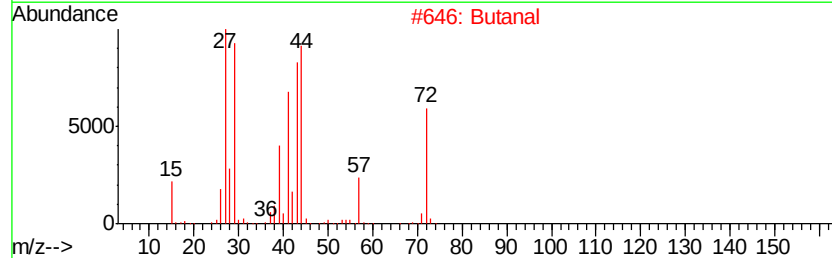
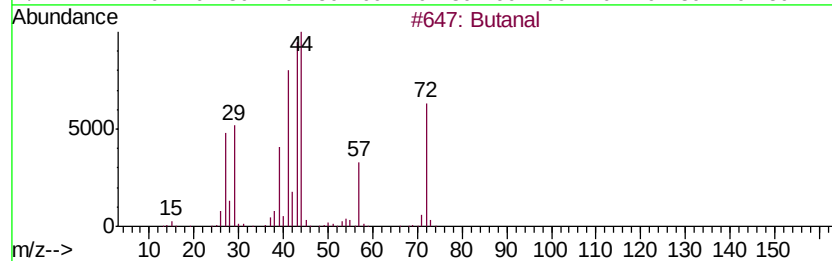
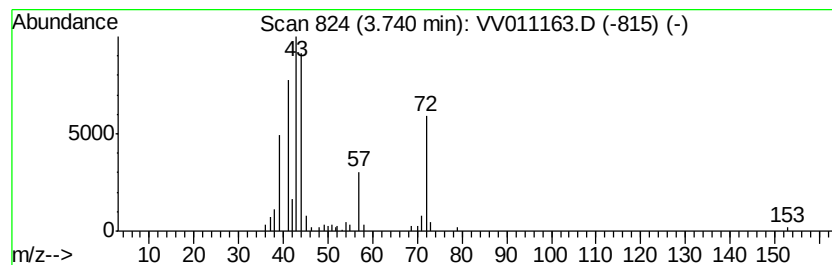
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 2 Butanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	1.65 ug/L	63333	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	91
3		Butanal	72	C4H8O	000123-72-8	64
4		Butanal	72	C4H8O	000123-72-8	59
5		Ethene, ethoxy-	72	C4H8O	000109-92-2	50



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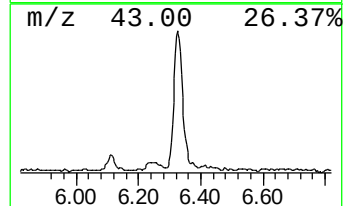
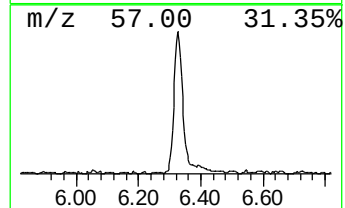
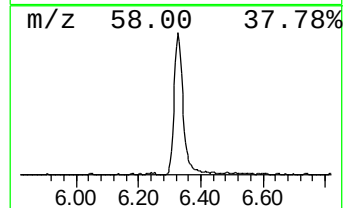
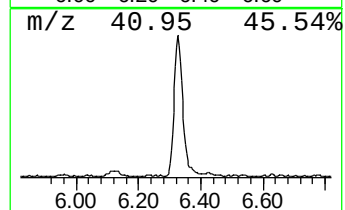
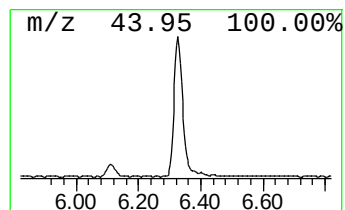
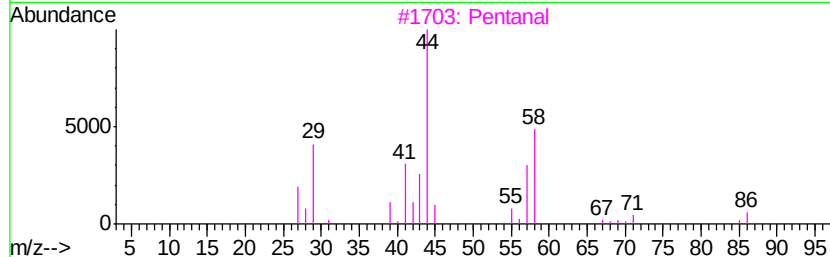
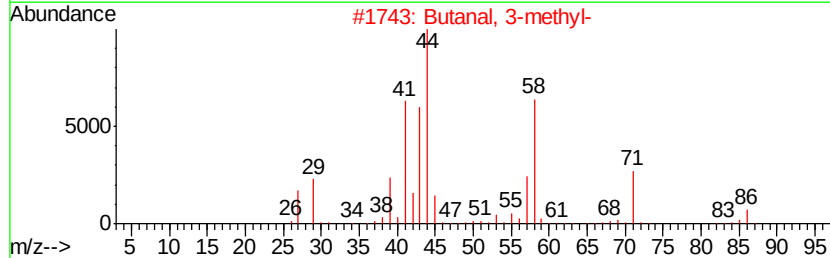
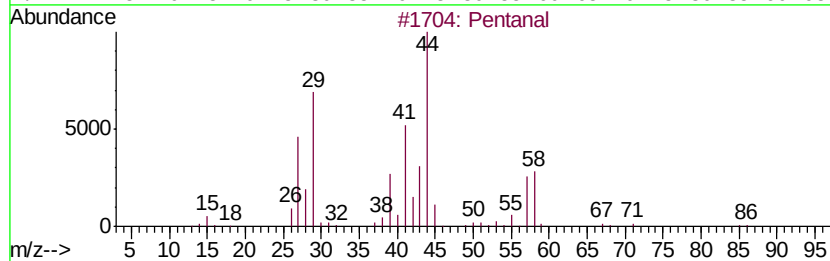
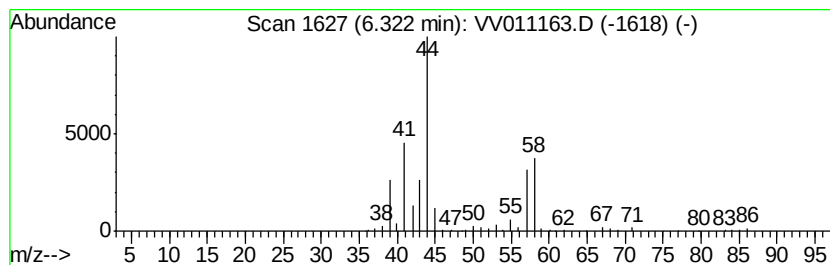
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 3 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	6.57 ug/L	252463	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	80
2		Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
3		Pentanal	86	C5H10O	000110-62-3	64
4		Pentanal	86	C5H10O	000110-62-3	58
5		Cyclopropyl carbinol	72	C4H8O	002516-33-8	42



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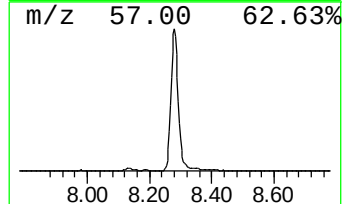
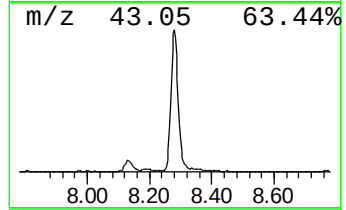
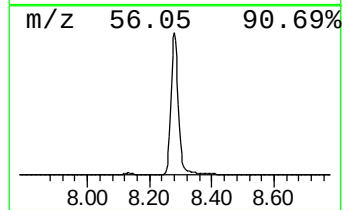
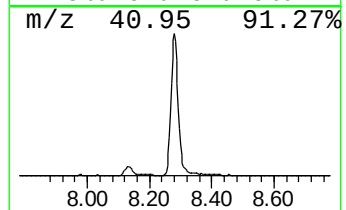
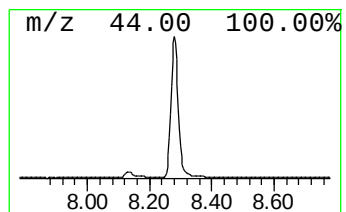
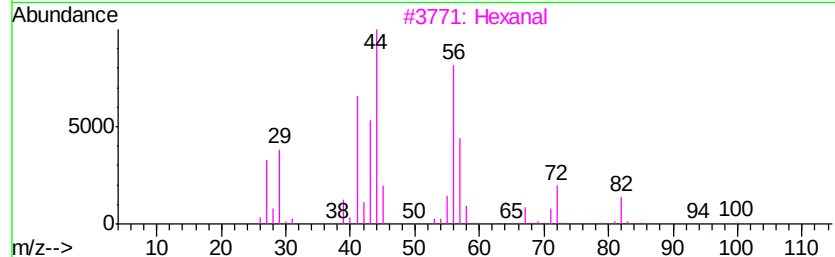
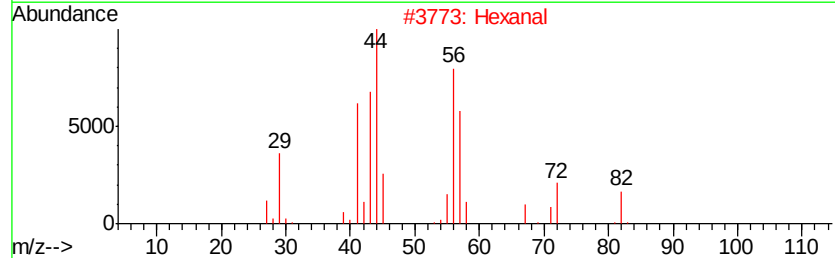
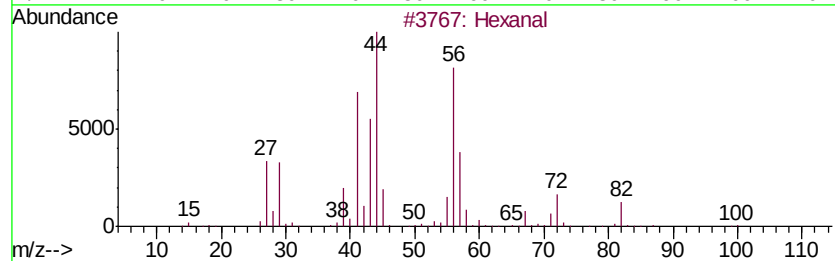
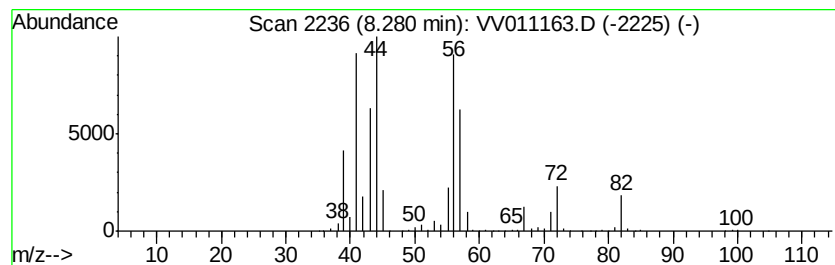
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Quant Title : VOC Analysis

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

Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	23.23 ug/L	994965	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		Glutaraldehyde	100	C5H8O2	000111-30-8	30



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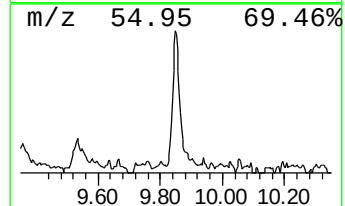
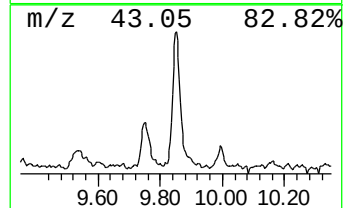
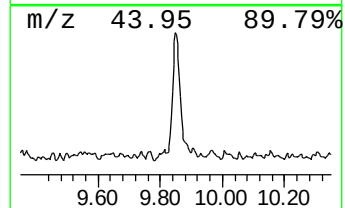
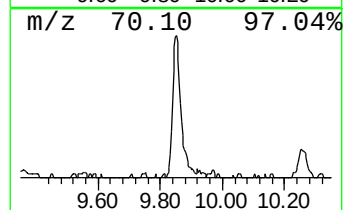
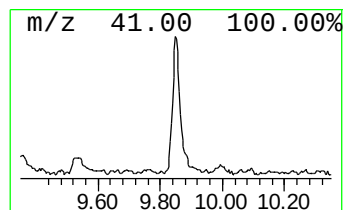
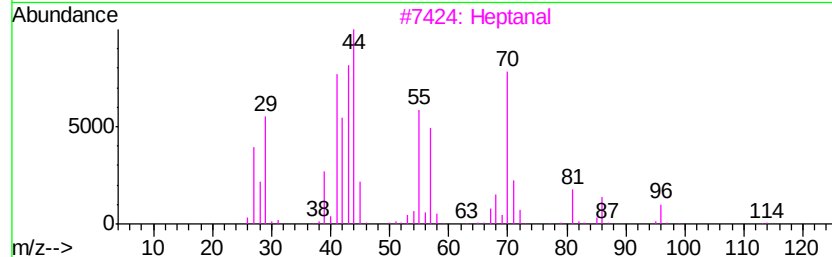
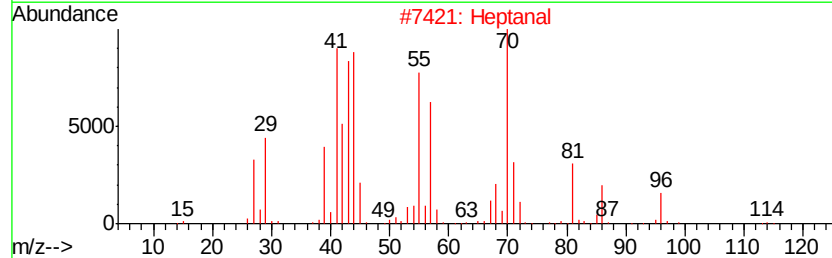
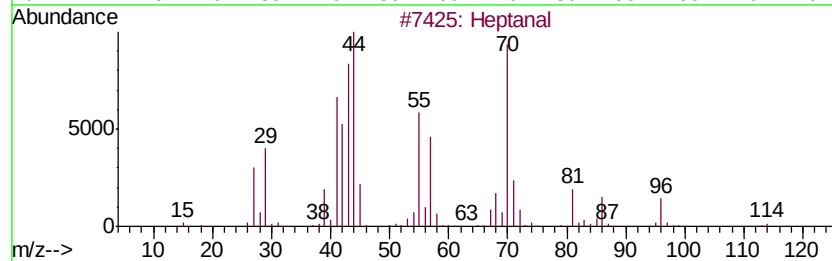
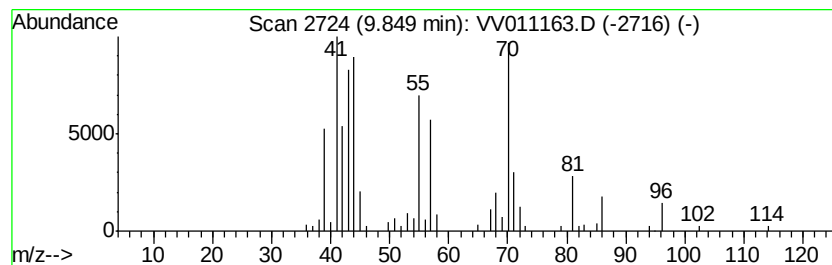
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Quant Title : VOC Analysis

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

Peak Number 6 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	1.65 ug/L	70466	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanal	114	C7H14O	000111-71-7	91
2		Heptanal	114	C7H14O	000111-71-7	87
3		Heptanal	114	C7H14O	000111-71-7	80
4		Heptanal	114	C7H14O	000111-71-7	72
5		Heptanal	114	C7H14O	000111-71-7	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011163.D
Acq On : 31 May 2019 05:41
Operator : SY/MD
Sample : K3017-10
Misc : 2.77G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.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	3.74	1.6	ug/L	63333	1	5.66	961326	25.0
Pentanal	6.32	6.6	ug/L	252463	1	5.66	961326	25.0
Hexanal	8.28	23.2	ug/L	994965	2	8.89	1070820	25.0
Heptanal	9.85	1.6	ug/L	70466	2	8.89	1070820	25.0