

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
 Data File : VV011192.D
 Acq On : 31 May 2019 23:24
 Operator : SY/MD
 Sample : K3017-22
 Misc : 4.81G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F5

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	1.315	65	70	81	rVB	171225	157797	13.52%	1.657%
2	1.566	144	148	161	rVB	123741	141233	12.10%	1.483%
3	2.123	313	321	333	rVB	275752	390733	33.47%	4.102%
4	2.190	335	342	353	rVB	154672	218351	18.70%	2.293%
5	2.769	520	522	525	rBV2	1114	642	0.05%	0.007%
6	2.933	571	573	575	rBV2	1128	677	0.06%	0.007%
7	3.110	625	628	630	rVB2	1236	648	0.06%	0.007%
8	3.132	632	635	639	rBV5	1534	1213	0.10%	0.013%
9	3.151	639	641	642	rBV	842	355	0.03%	0.004%
10	3.203	647	657	668	rBV8	8048	16824	1.44%	0.177%
11	3.422	723	725	730	rBV2	888	681	0.06%	0.007%
12	3.450	730	734	736	rVV4	811	650	0.06%	0.007%
13	3.483	741	744	749	rVB7	1204	1238	0.11%	0.013%
14	3.505	749	751	755	rVB2	1052	564	0.05%	0.006%
15	3.537	757	761	763	rBV5	1210	923	0.08%	0.010%
16	3.598	779	780	781	rBV	315	99	0.01%	0.001%
17	3.608	781	783	785	rVB2	897	407	0.03%	0.004%
18	3.637	785	792	794	rBV6	1366	1183	0.10%	0.012%
19	3.666	799	801	805	rVB4	1125	553	0.05%	0.006%
20	3.749	814	827	845	rBV2	19472	49955	4.28%	0.525%
21	3.939	875	886	905	rBV	48486	124912	10.70%	1.312%
22	4.290	991	995	996	rBV3	809	448	0.04%	0.005%
23	4.396	1014	1028	1050	rBV	194274	458117	39.24%	4.810%
24	4.794	1150	1152	1155	rBV3	1033	630	0.05%	0.007%
25	4.811	1155	1157	1159	rVV3	1268	595	0.05%	0.006%
26	4.849	1167	1169	1170	rBV2	935	494	0.04%	0.005%
27	4.881	1176	1179	1181	rBV3	1360	722	0.06%	0.008%
28	4.920	1189	1191	1193	rVB3	736	328	0.03%	0.003%
29	4.933	1193	1195	1197	rBV2	760	296	0.03%	0.003%
30	4.981	1209	1210	1213	rVB2	862	250	0.02%	0.003%
31	4.997	1213	1215	1216	rBV2	339	121	0.01%	0.001%
32	5.010	1216	1219	1221	rBV4	434	287	0.02%	0.003%
33	5.090	1227	1244	1273	rBV2	480259	1167501	100.00%	12.258%
34	5.659	1409	1421	1445	rBV	392478	785495	67.28%	8.247%

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35	6.116	1551	1563	1585	rBV	273318	545975	46.76%	5.732%
36	6.328	1618	1629	1652	rBV	82688	162178	13.89%	1.703%
37	6.540	1693	1695	1698	rBV3	982	621	0.05%	0.007%
38	6.585	1705	1709	1711	rBV4	1321	1015	0.09%	0.011%
39	6.698	1742	1744	1746	rBV3	1763	934	0.08%	0.010%
40	6.817	1777	1781	1782	rBV3	1500	754	0.06%	0.008%
41	6.846	1788	1790	1796	rBB5	1079	763	0.07%	0.008%
42	6.878	1796	1800	1803	rVB4	1123	1015	0.09%	0.011%
43	6.900	1803	1807	1809	rBV2	985	600	0.05%	0.006%
44	6.910	1809	1810	1813	rBV2	526	355	0.03%	0.004%
45	6.955	1819	1824	1828	rBV7	1761	1864	0.16%	0.020%
46	7.029	1836	1847	1864	rVB	149407	261160	22.37%	2.742%
47	7.264	1917	1920	1921	rBV3	1112	700	0.06%	0.007%
48	7.357	1933	1949	1966	rBV	528056	948240	81.22%	9.956%
49	7.579	2016	2018	2021	rBV4	1176	589	0.05%	0.006%
50	7.662	2034	2044	2058	rBV	99335	161260	13.81%	1.693%
51	8.132	2179	2190	2213	rBV	192173	347595	29.77%	3.650%
52	8.280	2226	2236	2263	rBV	409110	681449	58.37%	7.155%
53	8.746	2377	2381	2383	rVB4	988	647	0.06%	0.007%
54	8.810	2399	2401	2402	rVB2	591	136	0.01%	0.001%
55	8.894	2415	2427	2445	rBV	591767	956439	81.92%	10.042%
56	9.183	2506	2517	2522	rBV3	11544	19937	1.71%	0.209%
57	9.527	2614	2624	2636	rBV5	13225	31430	2.69%	0.330%
58	9.752	2687	2694	2696	rBV6	4869	6042	0.52%	0.063%
59	9.852	2717	2725	2737	rBV2	36125	59190	5.07%	0.621%
60	10.260	2842	2852	2867	rVB	234063	366860	31.42%	3.852%
61	10.508	2927	2929	2932	rVB2	1551	654	0.06%	0.007%
62	11.296	3162	3174	3193	rVB	467100	747125	63.99%	7.844%
63	11.672	3279	3291	3303	rBV	386963	626604	53.67%	6.579%
64	12.392	3506	3515	3530	rBV3	25605	44550	3.82%	0.468%
65	12.974	3694	3696	3697	rBV2	734	249	0.02%	0.003%
66	13.408	3826	3831	3834	rBV4	1345	1614	0.14%	0.017%
67	13.765	3939	3942	3943	rBV2	923	492	0.04%	0.005%
68	13.964	4003	4004	4006	rVB2	756	259	0.02%	0.003%
69	14.090	4034	4043	4053	rBV2	9082	16449	1.41%	0.173%
70	14.669	4221	4223	4224	rBV3	1104	393	0.03%	0.004%
71	14.813	4266	4268	4272	rVB3	1251	764	0.07%	0.008%

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Title : VOC Analysis

72	14.833	4272	4274	4276	rBV3	1130	498	0.04%	0.005%
73	14.910	4295	4298	4299	rBV3	1694	902	0.08%	0.009%
74	15.402	4448	4451	4453	rBV3	1759	1074	0.09%	0.011%

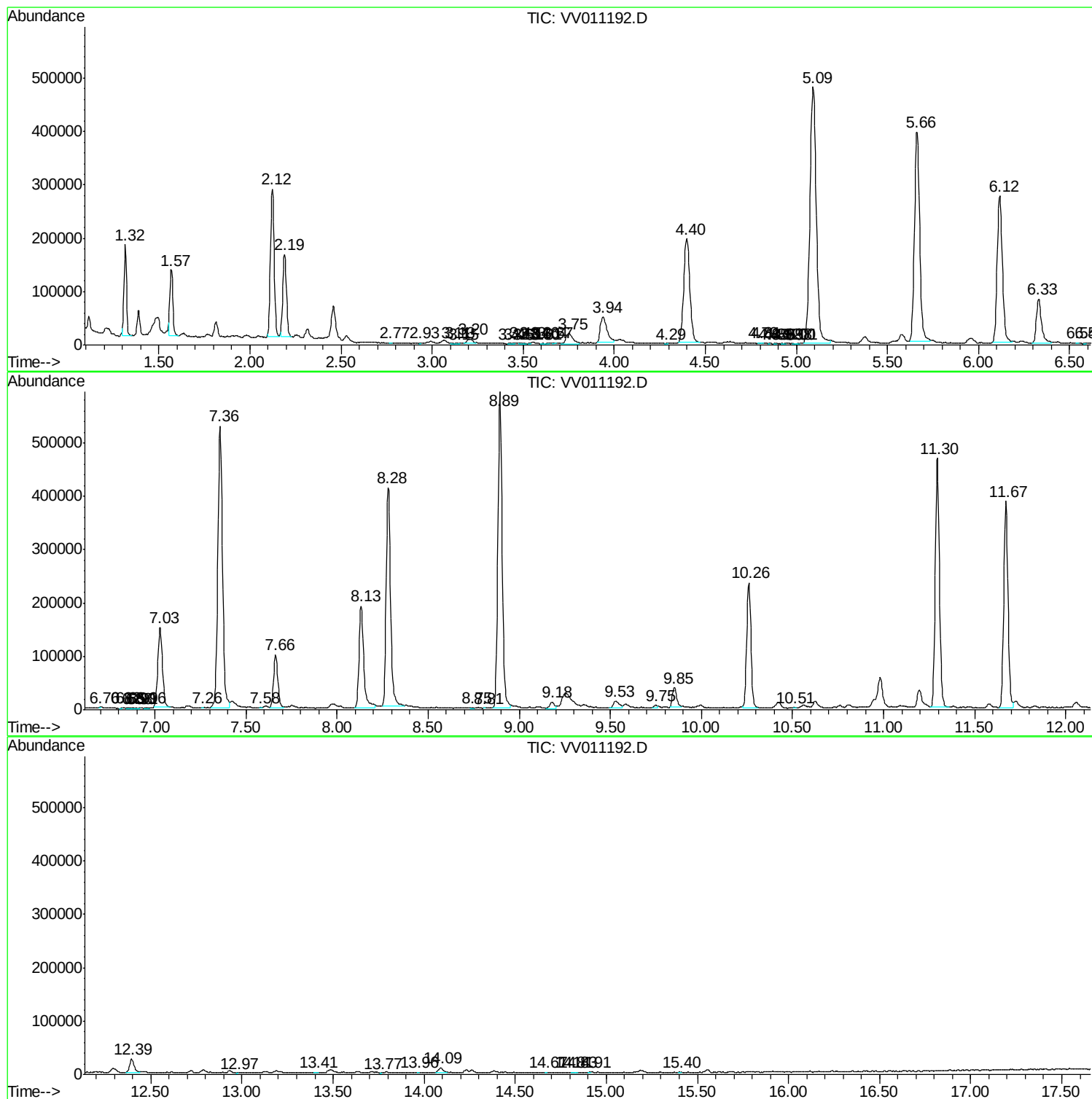
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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



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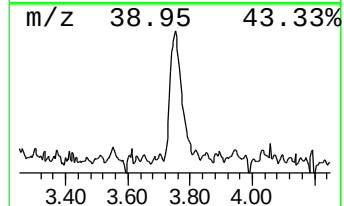
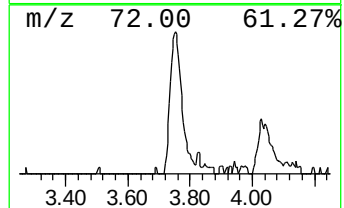
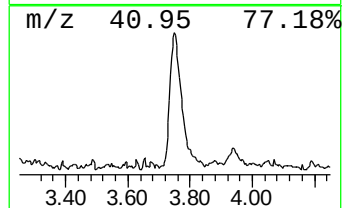
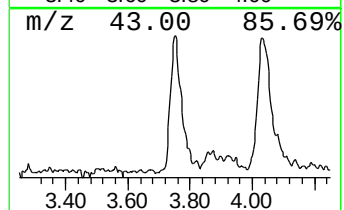
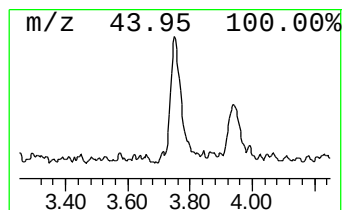
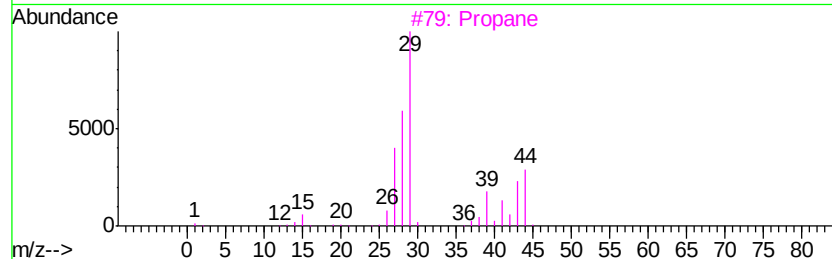
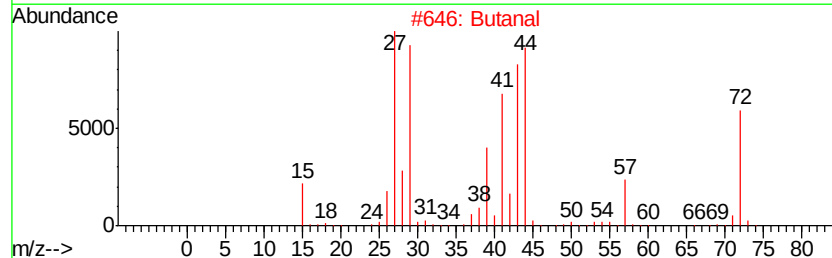
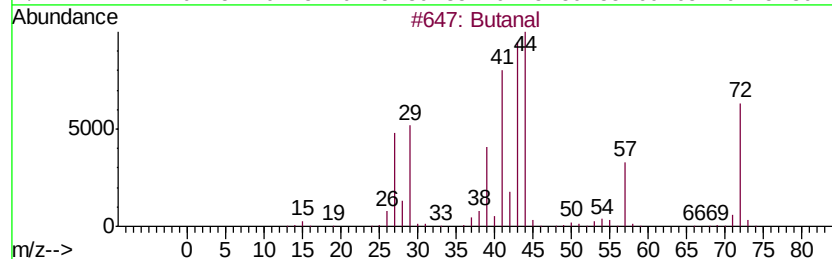
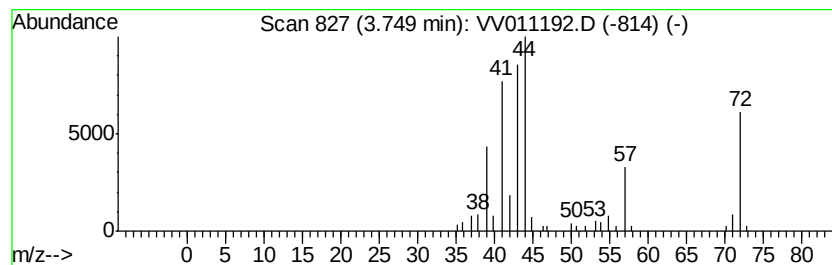
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 1 Butanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	1.59 ug/L	49955	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		Propane	44	C3H8	000074-98-6	53
4		Butanal	72	C4H8O	000123-72-8	53
5		Butanal	72	C4H8O	000123-72-8	53



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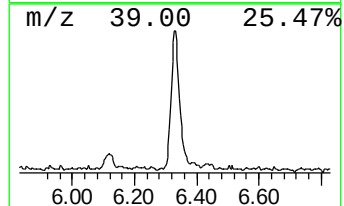
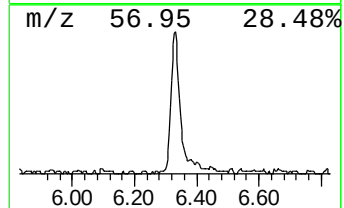
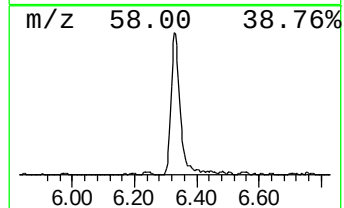
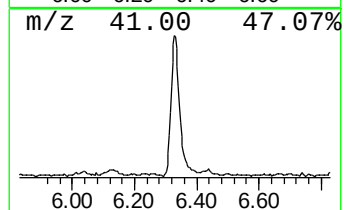
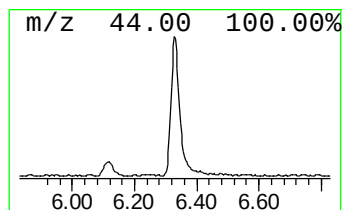
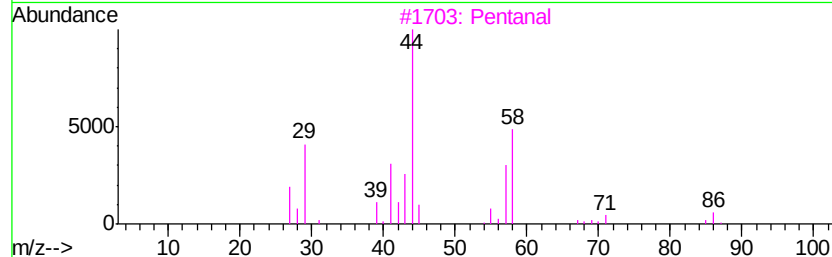
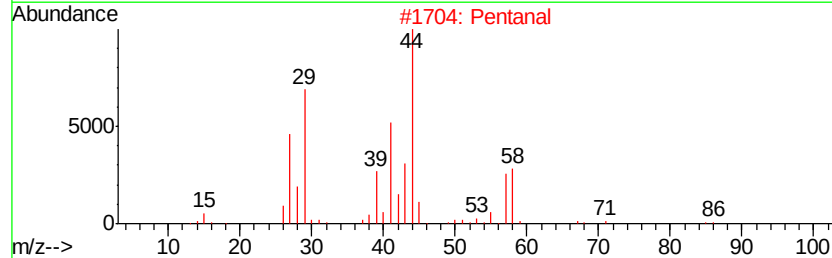
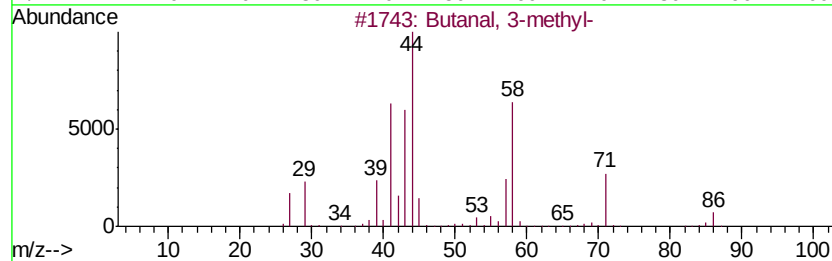
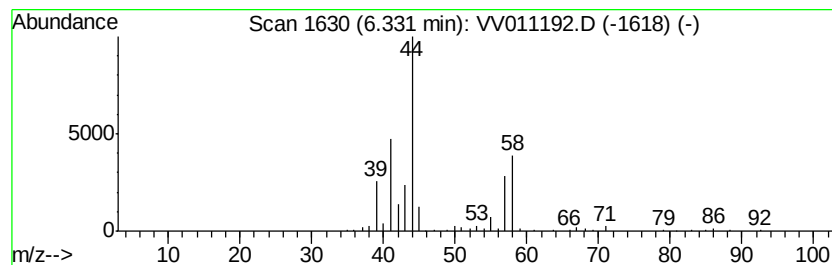
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 2 Butanal, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	5.16 ug/L	162178	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	83
2		Pentanal	86	C5H10O	000110-62-3	78
3		Pentanal	86	C5H10O	000110-62-3	64
4		Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
5		Pentanal	86	C5H10O	000110-62-3	58



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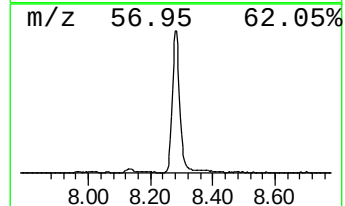
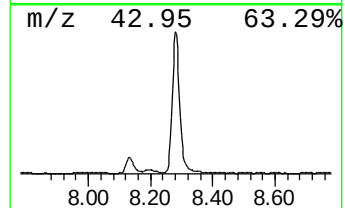
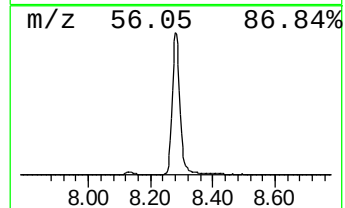
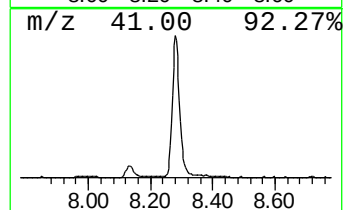
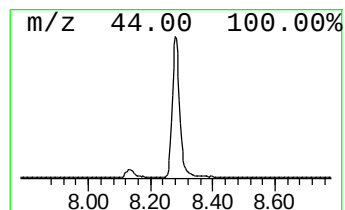
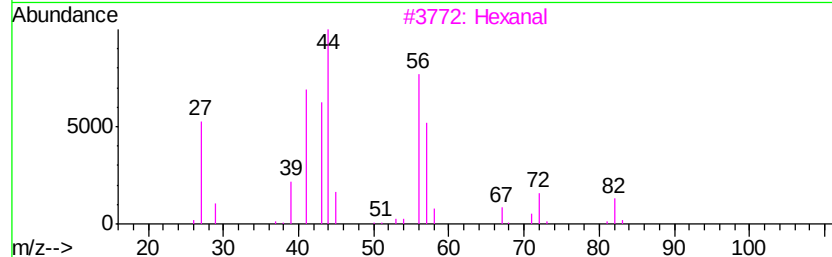
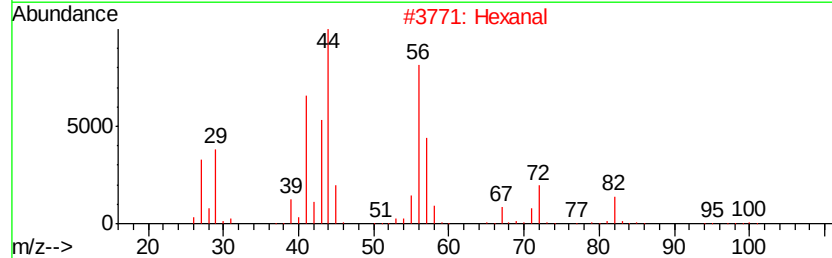
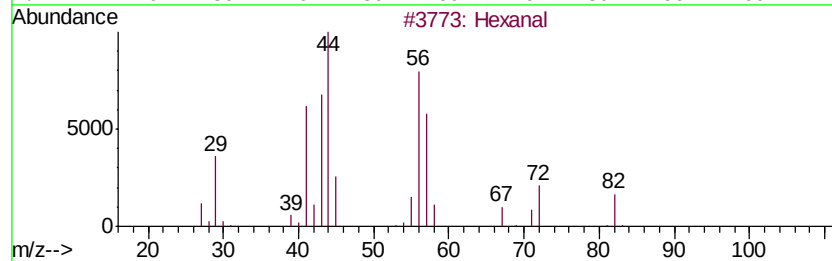
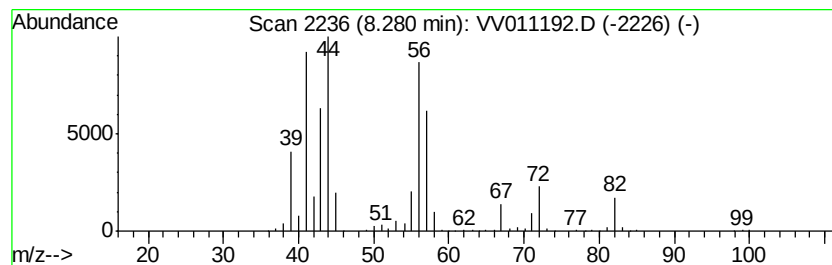
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Quant Title : VOC Analysis

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	17.81 ug/L	681449	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	72
4		Hexanal	100	C6H12O	000066-25-1	72
5		Butanal	72	C4H8O	000123-72-8	38



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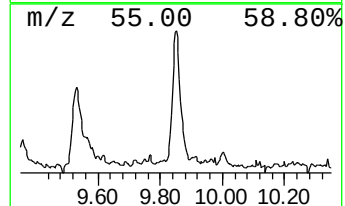
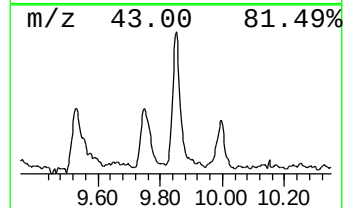
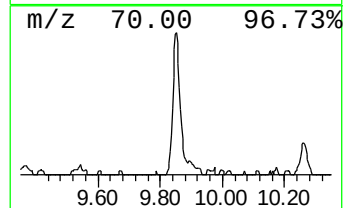
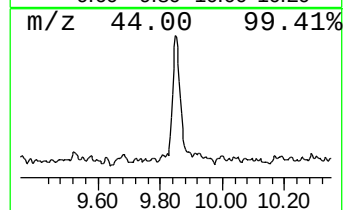
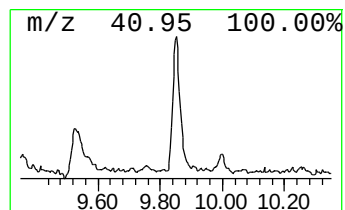
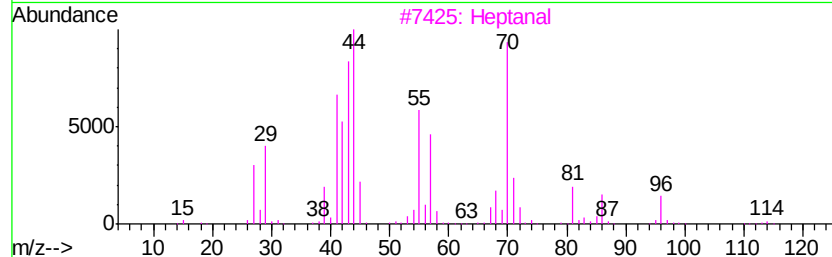
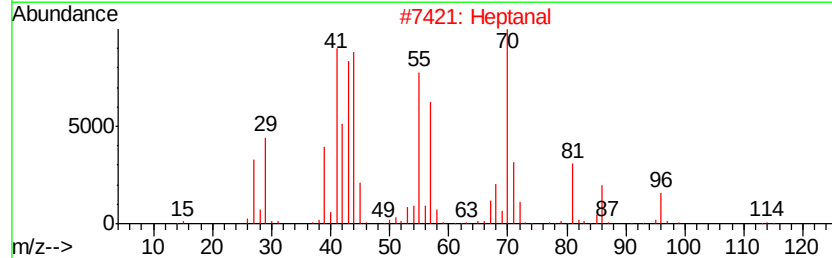
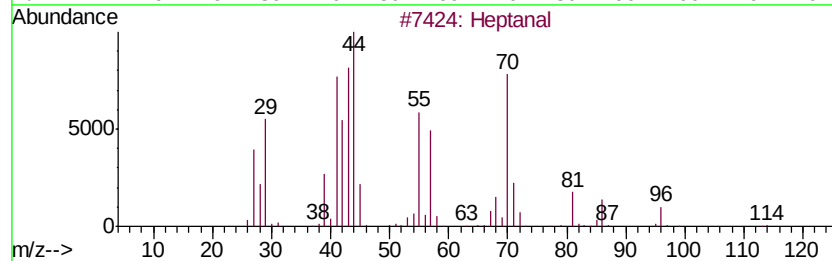
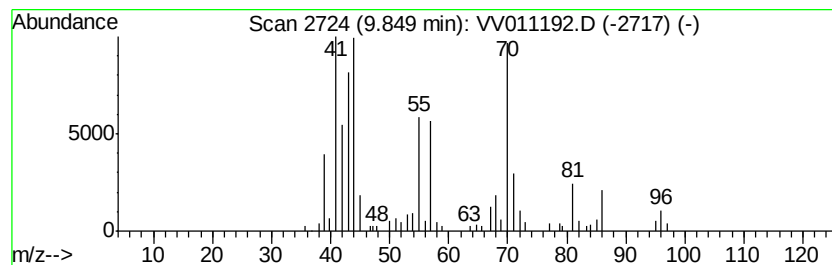
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	1.55 ug/L	59190	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanal	114	C7H14O	000111-71-7	72
2		Heptanal	114	C7H14O	000111-71-7	64
3		Heptanal	114	C7H14O	000111-71-7	59
4		Heptanal	114	C7H14O	000111-71-7	50
5		Heptanal	114	C7H14O	000111-71-7	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011192.D
Acq On : 31 May 2019 23:24
Operator : SY/MD
Sample : K3017-22
Misc : 4.81G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

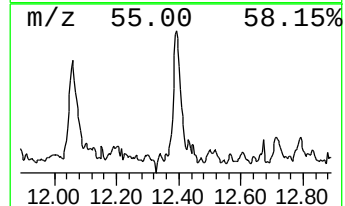
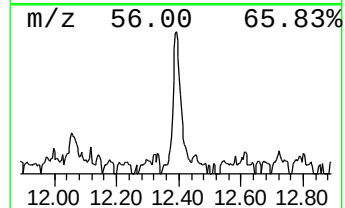
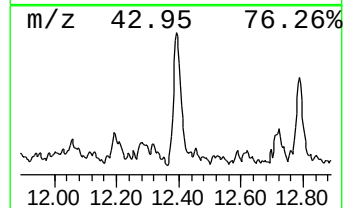
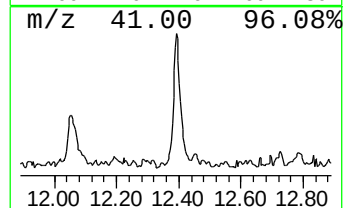
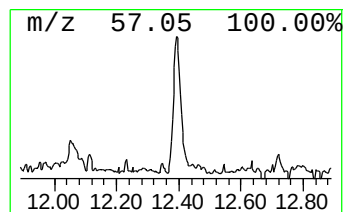
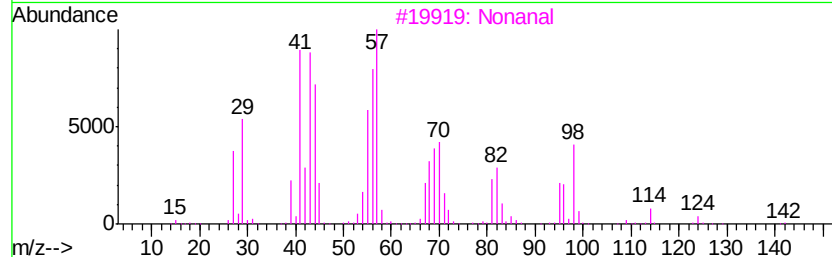
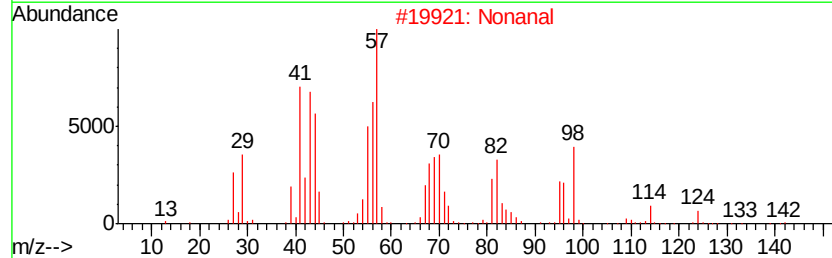
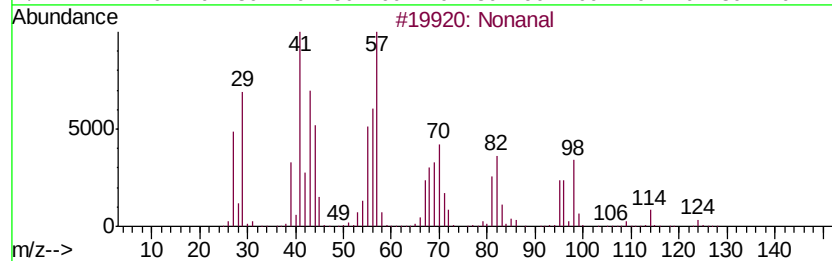
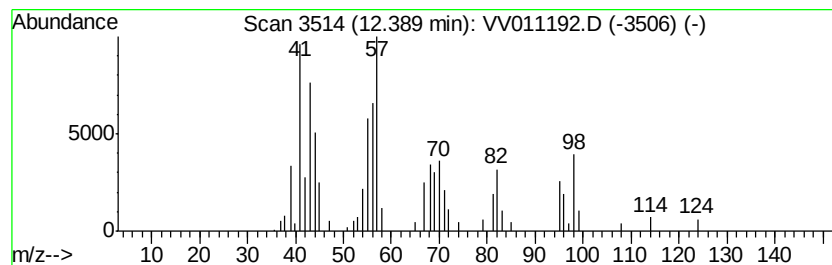
Instrument :
MSVOA_V
ClientSampleId :
A51F5

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 6 Nonanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	1.49 ug/L	44550	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanal		142 C9H18O	000124-19-6 87
2	Nonanal		142 C9H18O	000124-19-6 80
3	Nonanal		142 C9H18O	000124-19-6 72
4	Nonanal		142 C9H18O	000124-19-6 59
5	Butane, 1-isocyanato-		99 C5H9NO	000111-36-4 35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011192.D
Acq On : 31 May 2019 23:24
Operator : SY/MD
Sample : K3017-22
Misc : 4.81G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F5

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	3.75	1.6	ug/L	49955	1	5.66	785495	25.0
Butanal, 3-methyl-	6.33	5.2	ug/L	162178	1	5.66	785495	25.0
Hexanal	8.28	17.8	ug/L	681449	2	8.89	956439	25.0
Heptanal	9.85	1.6	ug/L	59190	2	8.89	956439	25.0
Nonanal	12.39	1.5	ug/L	44550	3	11.30	747125	25.0