

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011073.D
 Acq On : 28 May 2019 19:51
 Operator : SY/MD
 Sample : K3016-01RE
 Misc : 5.16G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C0RE

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	3.132	632	635	636	rBV4	1214	701	0.17%	0.024%
2	3.505	748	751	753	rBV4	1740	1097	0.27%	0.037%
3	3.572	771	772	773	rBV	1099	359	0.09%	0.012%
4	3.666	799	801	803	rBV3	1055	706	0.17%	0.024%
5	3.743	819	825	826	rBV6	2937	2604	0.64%	0.089%
6	3.881	863	868	870	rBV5	1153	802	0.20%	0.027%
7	4.113	938	940	942	rBV3	1496	836	0.20%	0.028%
8	4.142	947	949	950	rBV2	916	399	0.10%	0.014%
9	4.399	1017	1029	1046	rBV	64099	148535	36.22%	5.059%
10	4.987	1209	1212	1214	rBV3	1006	666	0.16%	0.023%
11	5.016	1218	1221	1223	rBV4	1145	790	0.19%	0.027%
12	5.097	1230	1246	1272	rBV3	160757	410066	100.00%	13.966%
13	5.334	1316	1320	1321	rBV4	1593	1029	0.25%	0.035%
14	5.450	1354	1356	1360	rVB3	1186	700	0.17%	0.024%
15	5.666	1411	1423	1447	rVB	120540	246006	59.99%	8.378%
16	5.939	1504	1508	1512	rBV6	2065	2237	0.55%	0.076%
17	6.048	1539	1542	1545	rBV5	1049	824	0.20%	0.028%
18	6.119	1552	1564	1581	rBV	91693	185278	45.18%	6.310%
19	6.248	1602	1604	1608	rBV4	1329	882	0.22%	0.030%
20	6.293	1615	1618	1620	rBV4	1350	928	0.23%	0.032%
21	6.334	1624	1631	1648	rVB3	20585	39736	9.69%	1.353%
22	6.662	1732	1733	1736	rVB3	1222	514	0.13%	0.018%
23	6.775	1766	1768	1769	rBV2	459	159	0.04%	0.005%
24	6.781	1769	1770	1773	rVV3	876	411	0.10%	0.014%
25	6.814	1778	1780	1781	rBV2	584	223	0.05%	0.008%
26	6.833	1784	1786	1788	rBV3	1427	855	0.21%	0.029%
27	6.907	1807	1809	1811	rVB3	926	461	0.11%	0.016%
28	6.923	1811	1814	1820	rBV8	1518	1630	0.40%	0.056%
29	6.968	1825	1828	1832	rVB4	1359	754	0.18%	0.026%
30	7.029	1838	1847	1862	rBV	51227	91841	22.40%	3.128%
31	7.299	1928	1931	1933	rBV4	1093	743	0.18%	0.025%
32	7.360	1939	1950	1970	rBV	190809	335093	81.72%	11.412%
33	7.524	1999	2001	2002	rBV2	1078	452	0.11%	0.015%
34	7.569	2014	2015	2017	rBV2	749	350	0.09%	0.012%

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 Title : VOC Analysis

35	7.666	2035	2045	2059	rBV	33776	61881	15.09%	2.108%
36	7.810	2087	2090	2094	rBV4	2267	1964	0.48%	0.067%
37	8.077	2170	2173	2175	rBV3	915	624	0.15%	0.021%
38	8.135	2180	2191	2215	rBV	53180	118258	28.84%	4.028%
39	8.283	2227	2237	2275	rVB	182061	330786	80.67%	11.266%
40	8.534	2313	2315	2316	rBV2	1311	555	0.14%	0.019%
41	8.598	2334	2335	2339	rVB4	1458	740	0.18%	0.025%
42	8.624	2339	2343	2344	rBV4	886	584	0.14%	0.020%
43	8.694	2361	2365	2367	rBV5	1119	706	0.17%	0.024%
44	8.704	2367	2368	2373	rVV5	1044	905	0.22%	0.031%
45	8.727	2373	2375	2377	rVB3	679	261	0.06%	0.009%
46	8.743	2377	2380	2382	rVB4	1304	456	0.11%	0.016%
47	8.756	2382	2384	2385	rBV2	845	328	0.08%	0.011%
48	8.788	2391	2394	2401	rVB6	1100	1170	0.29%	0.040%
49	8.897	2416	2428	2447	rBV	172878	299661	73.08%	10.206%
50	9.022	2465	2467	2470	rBV4	689	301	0.07%	0.010%
51	9.039	2470	2472	2475	rVB3	1138	614	0.15%	0.021%
52	9.090	2486	2488	2489	rVB2	954	270	0.07%	0.009%
53	9.164	2510	2511	2514	rBV3	985	573	0.14%	0.020%
54	9.456	2600	2602	2605	rBV4	716	313	0.08%	0.011%
55	9.476	2605	2608	2609	rBV3	730	469	0.11%	0.016%
56	9.524	2618	2623	2626	rBV7	1909	2140	0.52%	0.073%
57	9.579	2637	2640	2642	rBV4	1338	912	0.22%	0.031%
58	9.714	2678	2682	2686	rBV6	1657	1647	0.40%	0.056%
59	9.855	2720	2726	2744	rVB8	10407	21390	5.22%	0.728%
60	9.993	2767	2769	2772	rBV3	1199	961	0.23%	0.033%
61	10.116	2805	2807	2810	rBV4	1224	674	0.16%	0.023%
62	10.157	2817	2820	2822	rBV3	1937	1178	0.29%	0.040%
63	10.170	2822	2824	2825	rVV2	584	216	0.05%	0.007%
64	10.202	2833	2834	2837	rBV3	1104	601	0.15%	0.020%
65	10.260	2842	2852	2869	rVB	83286	140511	34.27%	4.785%
66	10.370	2885	2886	2887	rBV	336	74	0.02%	0.003%
67	10.379	2887	2889	2890	rBV2	1007	481	0.12%	0.016%
68	10.482	2918	2921	2924	rBV4	1568	1248	0.30%	0.043%
69	10.546	2936	2941	2942	rBV4	1698	1423	0.35%	0.048%
70	10.624	2958	2965	2970	rBV10	3299	4393	1.07%	0.150%
71	10.698	2986	2988	2991	rBV3	1066	852	0.21%	0.029%

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72	11.083	3106	3108	3109	rBV2	964	408	0.10%	0.014%
73	11.299	3163	3175	3191	rBV	116551	210390	51.31%	7.165%
74	11.415	3208	3211	3212	rBV3	988	509	0.12%	0.017%
75	11.489	3232	3234	3235	rBV3	648	359	0.09%	0.012%
76	11.498	3235	3237	3238	rVV2	817	280	0.07%	0.010%
77	11.672	3281	3291	3306	rVB	128719	216735	52.85%	7.381%
78	11.797	3328	3330	3332	rVB3	975	351	0.09%	0.012%
79	12.392	3505	3515	3524	rBV6	11853	20222	4.93%	0.689%
80	12.450	3530	3533	3539	rBV8	2031	1984	0.48%	0.068%
81	12.566	3566	3569	3571	rBV4	754	568	0.14%	0.019%
82	12.611	3577	3583	3588	rVB10	1202	1417	0.35%	0.048%
83	12.681	3603	3605	3608	rBV4	1215	924	0.23%	0.031%
84	12.762	3628	3630	3631	rBV2	1174	510	0.12%	0.017%
85	12.865	3660	3662	3664	rBV3	939	540	0.13%	0.018%
86	12.977	3696	3697	3699	rBV2	951	540	0.13%	0.018%
87	13.543	3869	3873	3874	rBV4	1976	1324	0.32%	0.045%
88	13.951	3998	4000	4001	rBV2	1083	379	0.09%	0.013%

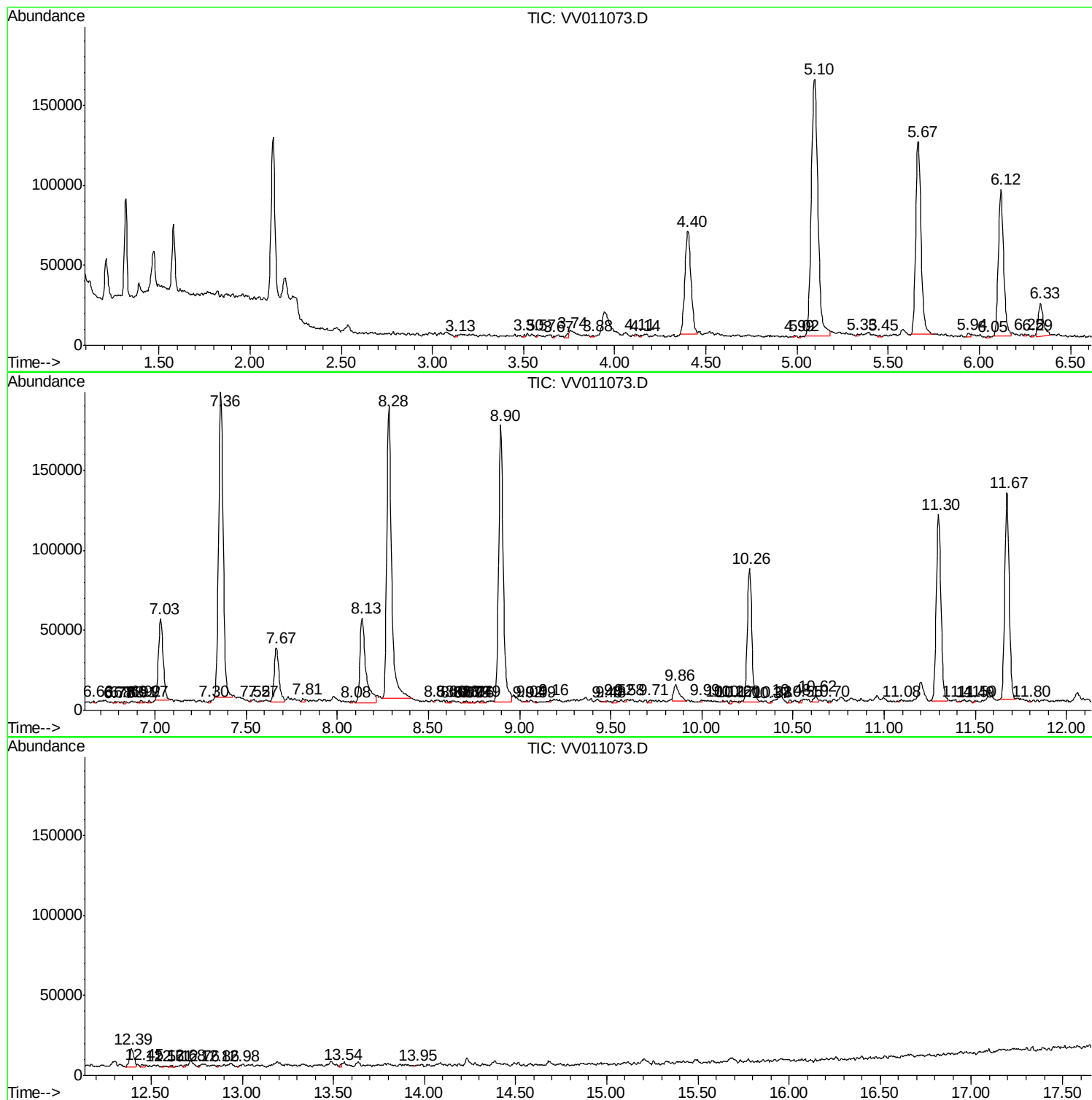
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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



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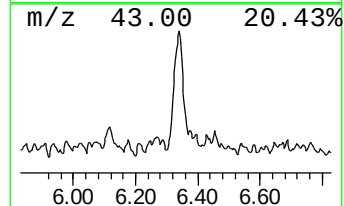
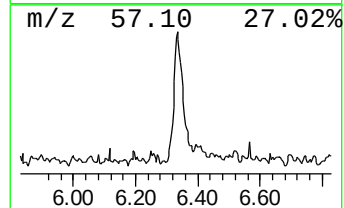
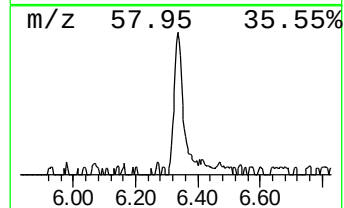
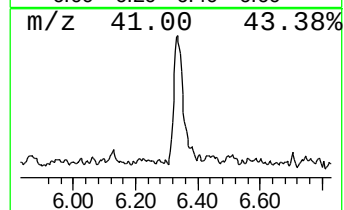
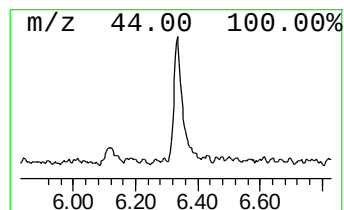
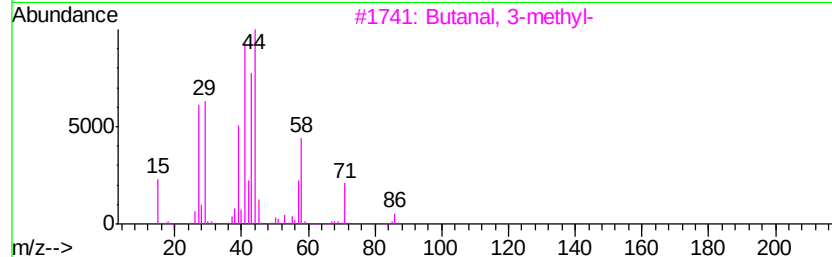
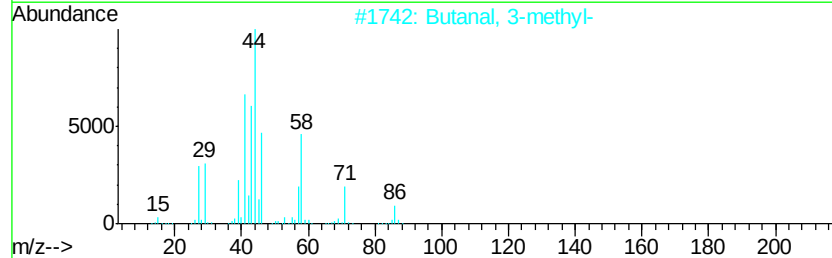
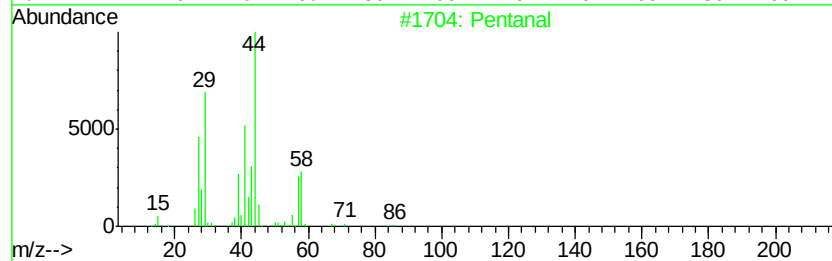
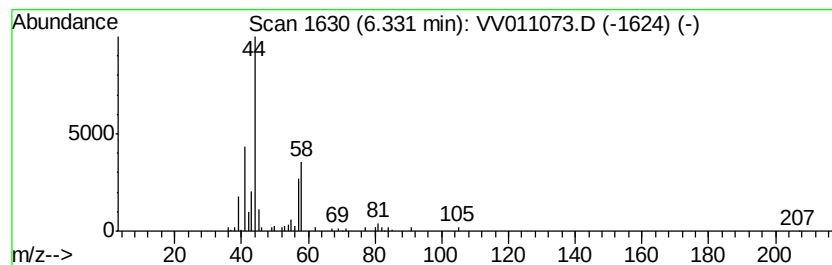
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 1 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	4.04 ug/L	39736	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	72
2		Butanal, 3-methyl-	86	C5H10O	000590-86-3	40
3		Butanal, 3-methyl-	86	C5H10O	000590-86-3	39
4		1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	39
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	38



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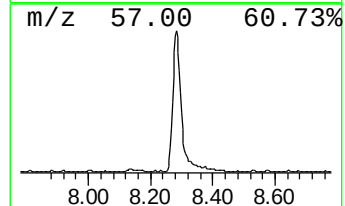
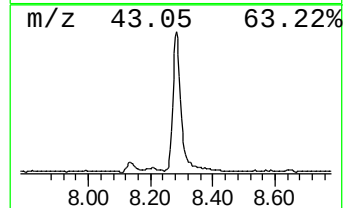
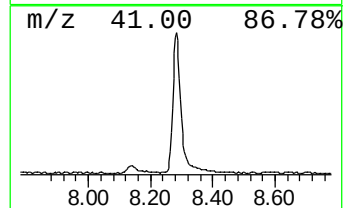
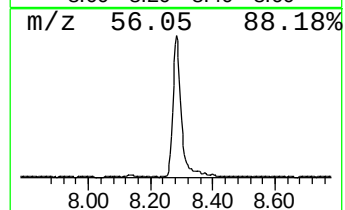
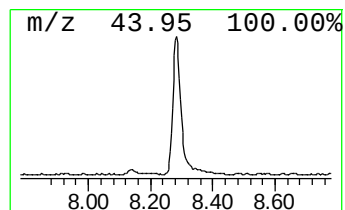
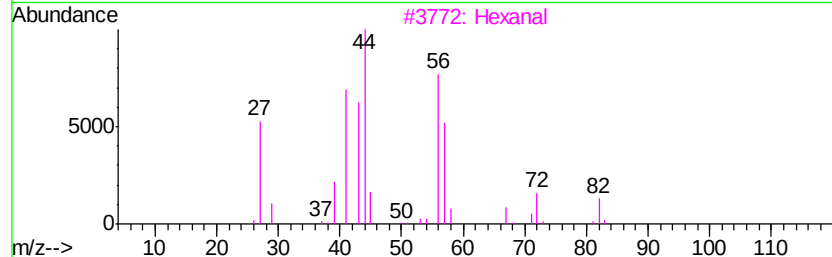
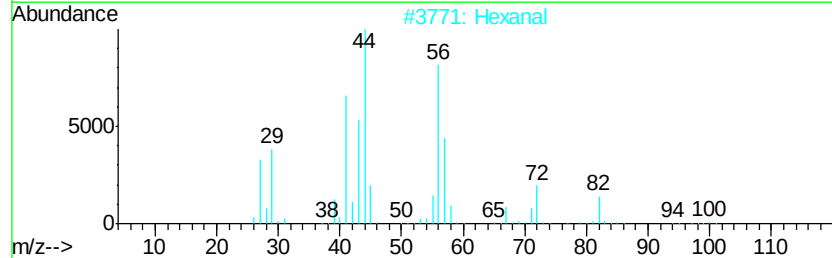
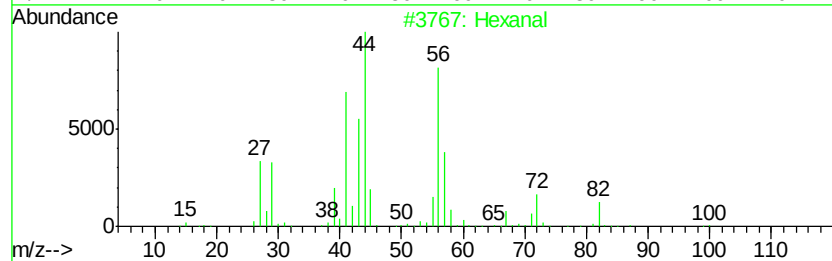
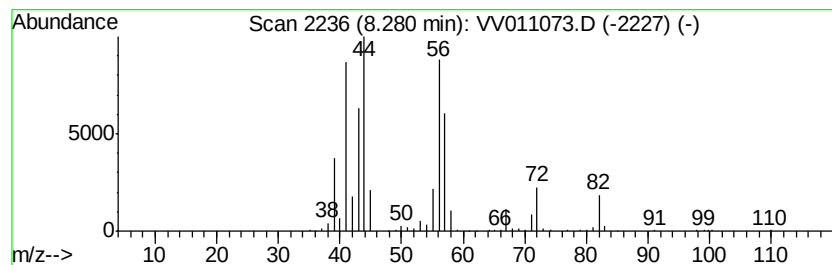
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Quant Title : VOC Analysis

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

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	27.60 ug/L	330786	Chlorobenzene-d5	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	90
2		Hexanal	100	C6H12O	000066-25-1	90
3		Hexanal	100	C6H12O	000066-25-1	90
4		Hexanal	100	C6H12O	000066-25-1	90
5		Butanal	72	C4H8O	000123-72-8	38



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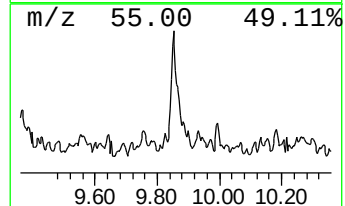
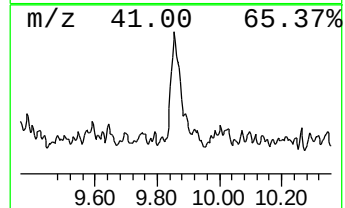
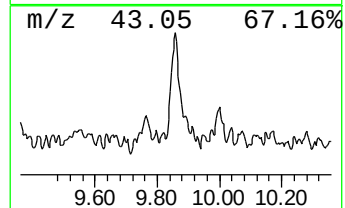
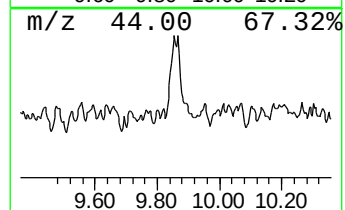
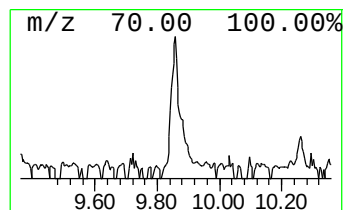
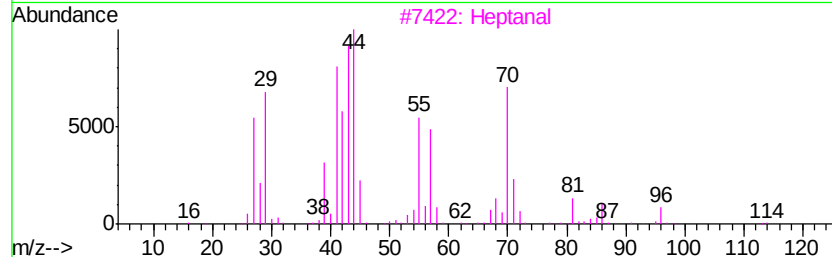
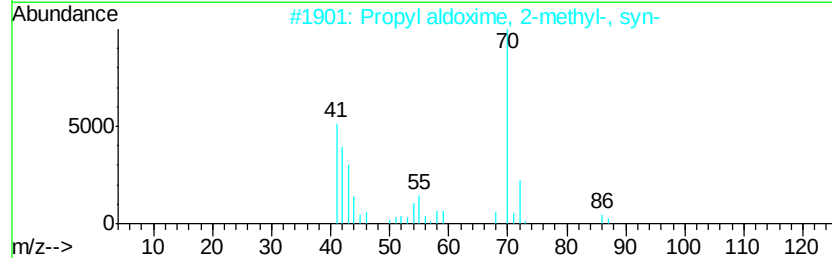
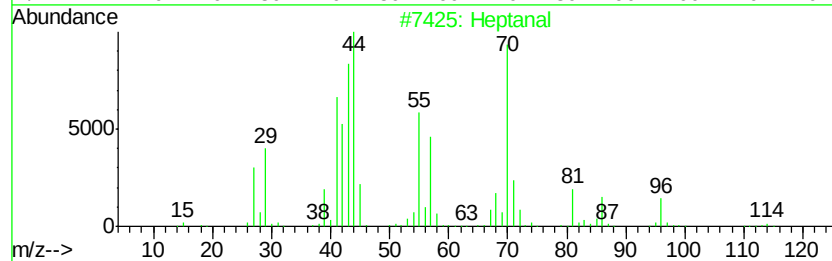
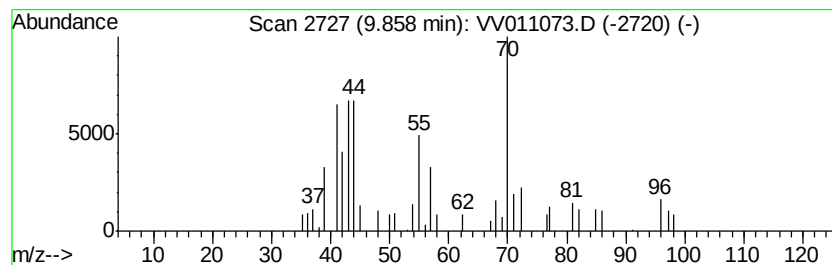
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 4 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	1.78 ug/L	21390	Chlorobenzene-d5	8.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal		114	C7H14O	000111-71-7	43
2	Propyl aldoxime, 2-methyl-, syn-		87	C4H9NO	005780-39-2	38
3	Heptanal		114	C7H14O	000111-71-7	38
4	Heptanal		114	C7H14O	000111-71-7	38
5	Heptanal		114	C7H14O	000111-71-7	37



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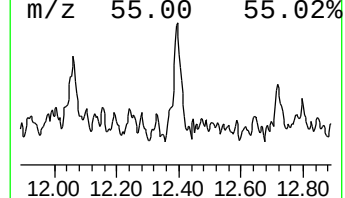
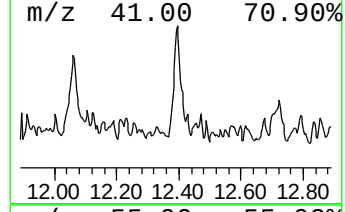
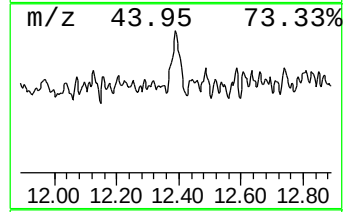
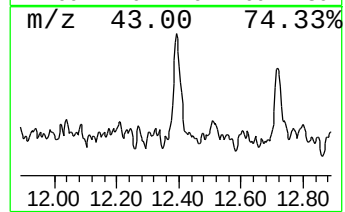
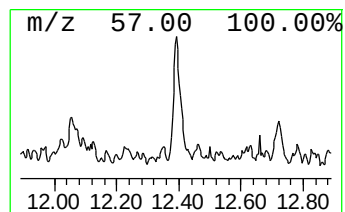
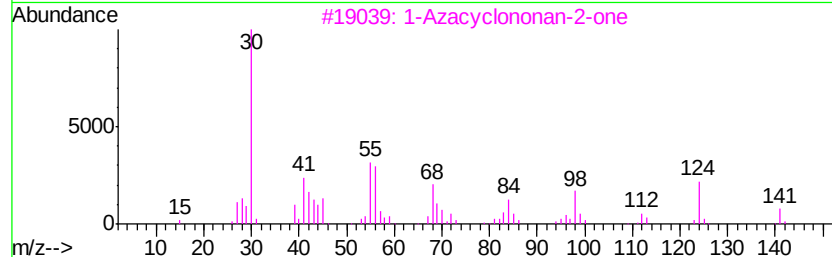
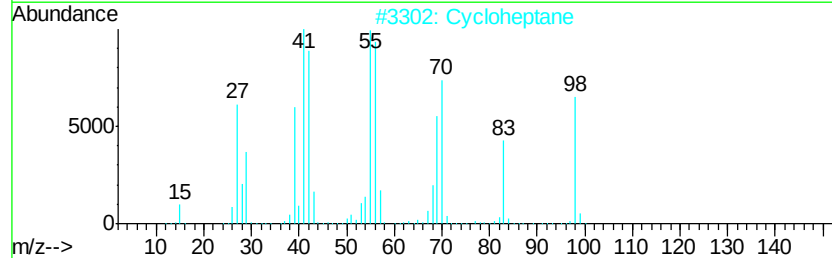
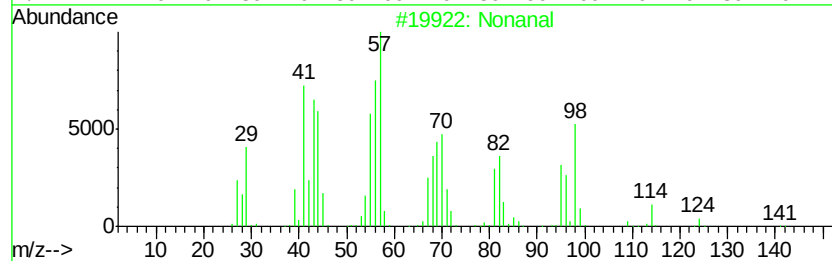
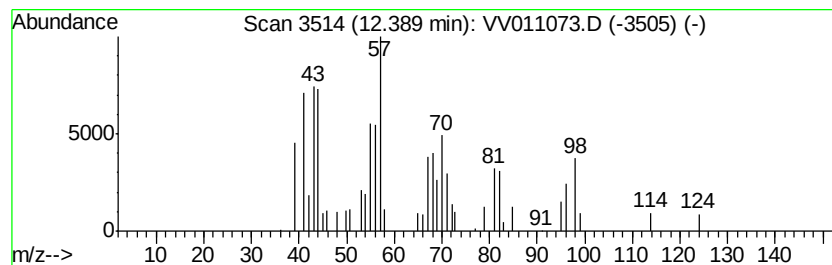
Instrument :
MSVOA_V
ClientSampleId :
A51C0RE

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 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.40 ug/L	20222	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanal		142 C9H18O	000124-19-6 72
2	Cycloheptane		98 C7H14	000291-64-5 38
3	1-Azacyclononan-2-one		141 C8H15NO	000935-30-8 27
4	2- Bromopropionic acid, heptyl e...		250 C10H19BrO2	038674-99-6 27
5	Dodecanal		184 C12H24O	000112-54-9 22



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV052819\
Data File : VV011073.D
Acq On : 28 May 2019 19:51
Operator : SY/MD
Sample : K3016-01RE
Misc : 5.16G/10ML/MSV0A_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleId :
A51C0RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_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
Pentanal	6.33	4.0	ug/L	39736	1	5.67	246006	25.0
Hexanal	8.28	27.6	ug/L	330786	2	8.90	299661	25.0
Heptanal	9.86	1.8	ug/L	21390	2	8.90	299661	25.0
Nonanal	12.39	2.4	ug/L	20222	3	11.30	210390	25.0