

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011118.D
 Acq On : 29 May 2019 22:21
 Operator : SY/MD
 Sample : K3017-08
 Misc : 5.19G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E1

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	1.312	64	69	81	rVB	192006	179695	13.68%	1.691%
2	1.560	141	146	155	rVB	136822	155660	11.85%	1.465%
3	2.119	312	320	331	rVB	300603	418690	31.86%	3.940%
4	2.190	334	342	353	rVB	253481	362463	27.58%	3.411%
5	3.132	633	635	640	rBV4	644	473	0.04%	0.004%
6	3.396	711	717	723	rVB8	1272	1310	0.10%	0.012%
7	3.437	723	730	733	rBV7	1679	1786	0.14%	0.017%
8	3.675	798	804	812	rBV8	1584	2254	0.17%	0.021%
9	3.704	812	813	817	rBV5	1024	541	0.04%	0.005%
10	3.727	817	820	821	rBV2	1900	945	0.07%	0.009%
11	3.936	874	885	906	rBV2	69734	179094	13.63%	1.685%
12	4.251	980	983	987	rBV6	1595	1484	0.11%	0.014%
13	4.273	988	990	997	rVV7	1175	1312	0.10%	0.012%
14	4.344	1009	1012	1013	rBV3	1433	763	0.06%	0.007%
15	4.396	1013	1028	1051	rVV	208921	516907	39.34%	4.864%
16	4.843	1165	1167	1168	rBV2	711	242	0.02%	0.002%
17	4.897	1181	1184	1187	rBV4	1225	784	0.06%	0.007%
18	4.936	1194	1196	1197	rBV2	779	336	0.03%	0.003%
19	4.965	1204	1205	1206	rBV	542	167	0.01%	0.002%
20	5.090	1224	1244	1264	rBV2	535498	1314021	100.00%	12.365%
21	5.463	1358	1360	1366	rVB6	2118	1497	0.11%	0.014%
22	5.502	1366	1372	1374	rBV6	1752	2221	0.17%	0.021%
23	5.659	1409	1421	1449	rVB	394855	789906	60.11%	7.433%
24	6.116	1546	1563	1582	rBV	308080	636649	48.45%	5.991%
25	6.331	1619	1630	1644	rBV	46010	90100	6.86%	0.848%
26	6.543	1693	1696	1699	rBV4	1670	1389	0.11%	0.013%
27	6.585	1706	1709	1715	rBV8	452	420	0.03%	0.004%
28	6.611	1715	1717	1719	rBV3	692	350	0.03%	0.003%
29	6.775	1765	1768	1769	rVB3	876	400	0.03%	0.004%
30	6.814	1778	1780	1783	rBV4	713	477	0.04%	0.004%
31	6.859	1792	1794	1796	rBV3	573	235	0.02%	0.002%
32	6.884	1800	1802	1805	rBV3	983	457	0.03%	0.004%
33	6.900	1805	1807	1808	rBV2	560	174	0.01%	0.002%
34	6.942	1816	1820	1822	rBV3	1239	928	0.07%	0.009%

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 Title : VOC Analysis

35	6.978	1828	1831	1832	rBV2	1180	577	0.04%	0.005%
36	7.026	1835	1846	1864	rVV	183797	324756	24.71%	3.056%
37	7.357	1931	1949	1965	rBV	578877	1057614	80.49%	9.952%
38	7.662	2033	2044	2062	rBV	124662	210532	16.02%	1.981%
39	7.974	2132	2141	2160	rVB5	14843	35357	2.69%	0.333%
40	8.132	2177	2190	2204	rBV	273022	464798	35.37%	4.374%
41	8.280	2227	2236	2261	rVB	330361	539080	41.03%	5.073%
42	8.514	2307	2309	2312	rBV3	1119	801	0.06%	0.008%
43	8.720	2371	2373	2375	rBV2	757	462	0.04%	0.004%
44	8.759	2383	2385	2389	rBV5	813	325	0.02%	0.003%
45	8.797	2395	2397	2398	rBV2	673	285	0.02%	0.003%
46	8.807	2398	2400	2404	rVV3	1263	847	0.06%	0.008%
47	8.894	2415	2427	2450	rBV	581098	953453	72.56%	8.972%
48	9.039	2470	2472	2473	rBV	1129	429	0.03%	0.004%
49	9.180	2510	2516	2521	rBV4	5219	7392	0.56%	0.070%
50	9.485	2608	2611	2613	rBV3	1253	803	0.06%	0.008%
51	9.524	2615	2623	2637	rVV2	46777	97403	7.41%	0.917%
52	9.852	2718	2725	2741	rVB3	22492	36931	2.81%	0.348%
53	10.042	2782	2784	2786	rBV3	968	282	0.02%	0.003%
54	10.058	2787	2789	2793	rBV5	1491	929	0.07%	0.009%
55	10.154	2816	2819	2822	rBV5	1231	1098	0.08%	0.010%
56	10.260	2844	2852	2864	rVB	301360	471266	35.86%	4.435%
57	10.421	2893	2902	2916	rVB2	17124	30580	2.33%	0.288%
58	10.518	2930	2932	2935	rBV3	1248	783	0.06%	0.007%
59	10.759	2999	3007	3015	rBV3	9076	14988	1.14%	0.141%
60	11.292	3163	3173	3191	rVB	461846	765866	58.28%	7.207%
61	11.627	3275	3277	3278	rBV2	1283	458	0.03%	0.004%
62	11.672	3279	3291	3304	rVV	436096	709667	54.01%	6.678%
63	11.833	3333	3341	3353	rVB	52206	74385	5.66%	0.700%
64	12.296	3476	3485	3498	rVB2	20353	35934	2.73%	0.338%
65	12.350	3498	3502	3506	rBV6	1701	1340	0.10%	0.013%
66	12.392	3508	3515	3525	rBV9	11038	20292	1.54%	0.191%
67	12.501	3546	3549	3552	rBV4	1413	1099	0.08%	0.010%
68	12.575	3569	3572	3573	rBV3	1361	766	0.06%	0.007%
69	12.778	3629	3635	3646	rVB9	8706	13527	1.03%	0.127%
70	12.887	3667	3669	3670	rBV2	1060	451	0.03%	0.004%
71	12.926	3676	3681	3683	rBV4	2755	2650	0.20%	0.025%

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72	13.003	3701	3705	3710	rVB8	1978	1725	0.13%	0.016%
73	13.032	3712	3714	3717	rBV3	1305	873	0.07%	0.008%
74	13.087	3728	3731	3734	rBV3	1175	1017	0.08%	0.010%
75	13.492	3846	3857	3859	rBV9	2633	3835	0.29%	0.036%
76	13.633	3892	3901	3907	rBV9	2894	5038	0.38%	0.047%
77	13.794	3944	3951	3958	rBV9	3265	5471	0.42%	0.051%
78	13.842	3964	3966	3969	rBV3	929	566	0.04%	0.005%
79	14.003	4015	4016	4018	rBV2	682	257	0.02%	0.002%
80	14.090	4032	4043	4058	rBV	35227	61779	4.70%	0.581%
81	14.328	4115	4117	4118	rBV2	1131	380	0.03%	0.004%
82	14.659	4218	4220	4221	rBV2	1051	323	0.02%	0.003%
83	15.099	4355	4357	4360	rBV4	1231	786	0.06%	0.007%
84	15.180	4378	4382	4384	rBV4	1576	1374	0.10%	0.013%
85	15.244	4400	4402	4406	rVB3	1549	928	0.07%	0.009%

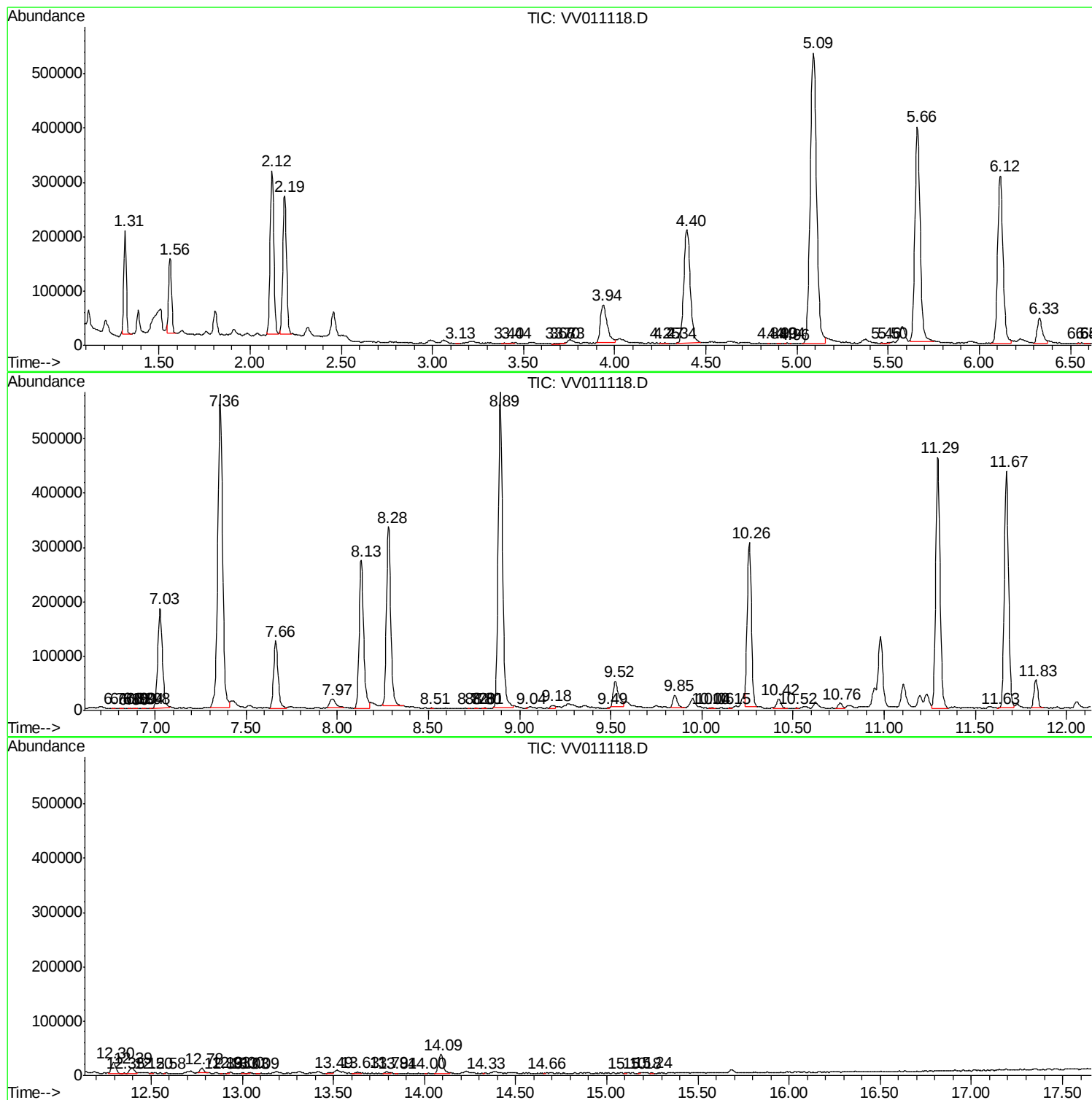
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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



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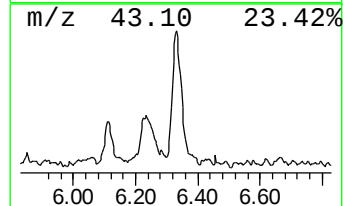
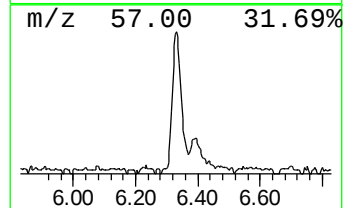
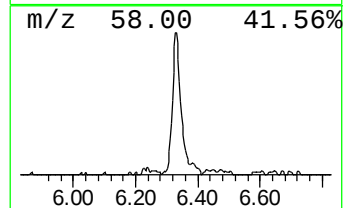
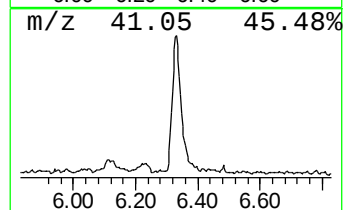
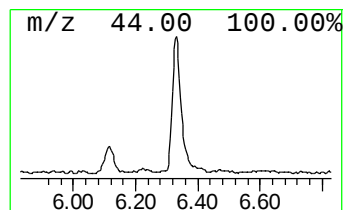
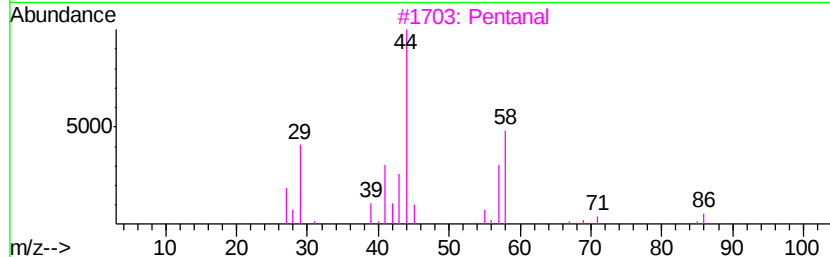
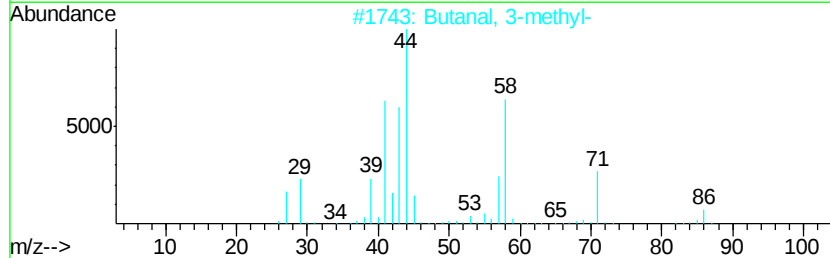
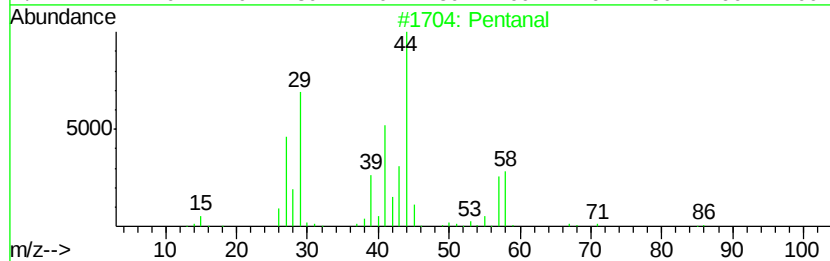
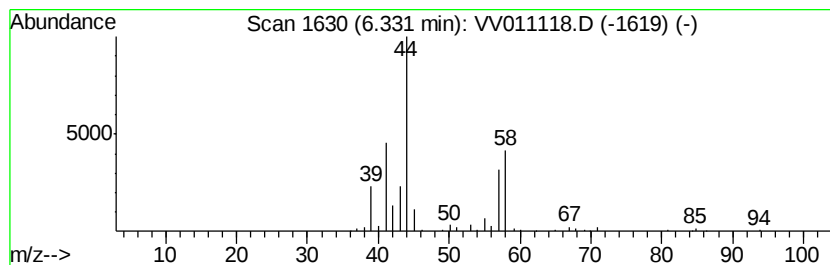
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 1 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	2.85 ug/L	90100	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	90
2		Butanal, 3-methyl-	86	C5H10O	000590-86-3	83
3		Pentanal	86	C5H10O	000110-62-3	78
4		Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	53



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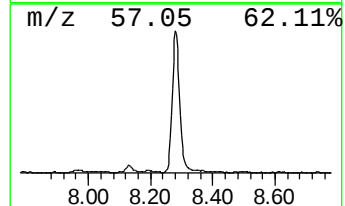
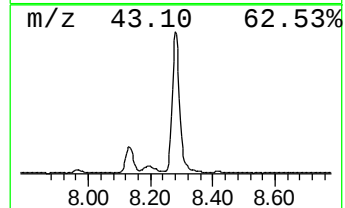
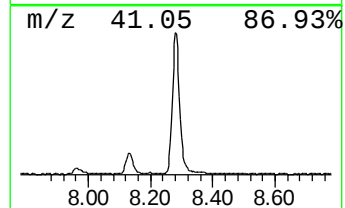
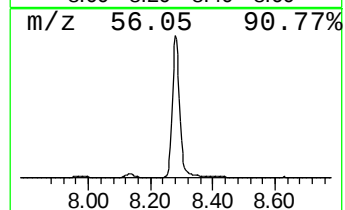
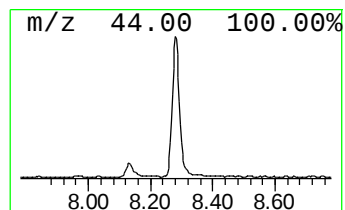
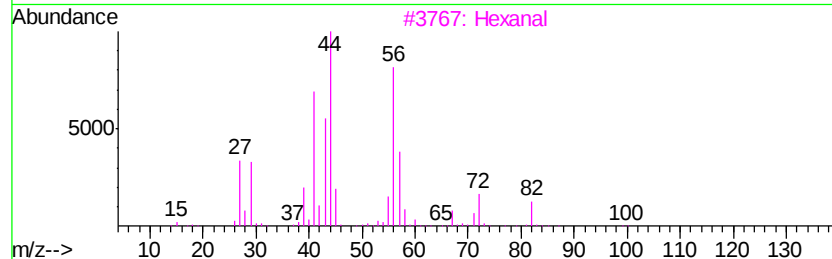
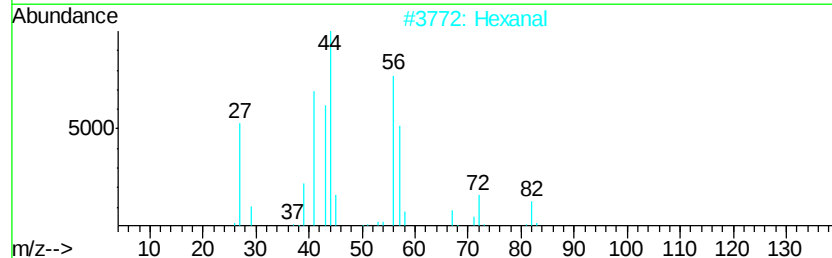
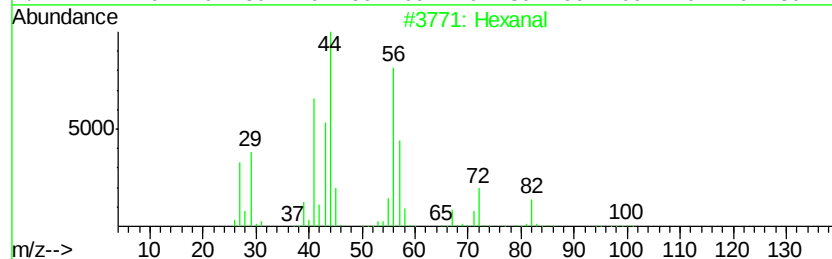
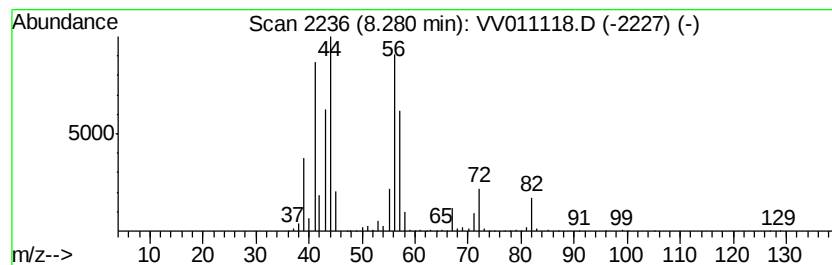
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	14.13 ug/L	539080	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	90
2		Hexanal	100	C6H12O	000066-25-1	86
3		Hexanal	100	C6H12O	000066-25-1	86
4		Hexanal	100	C6H12O	000066-25-1	83
5		Urea, trimethyl-	102	C4H10N2O	000632-14-4	32



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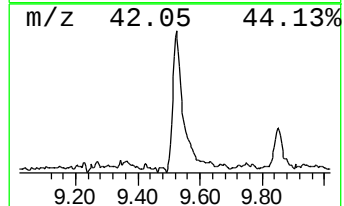
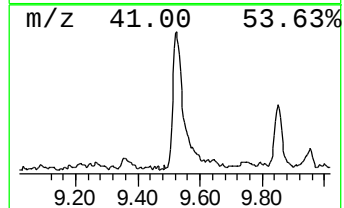
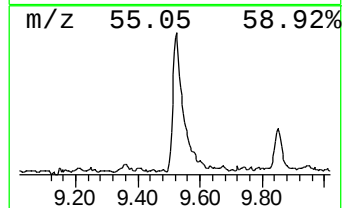
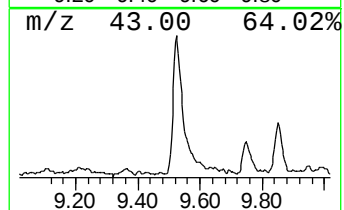
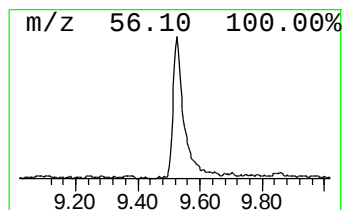
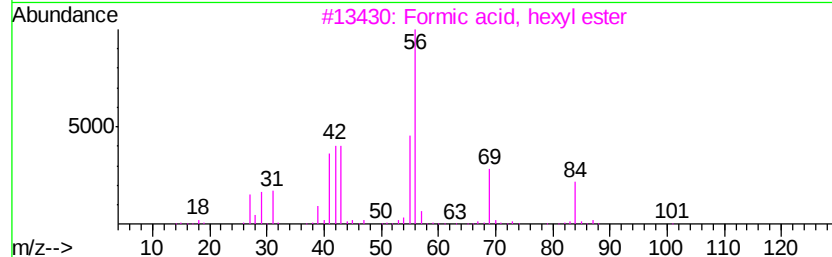
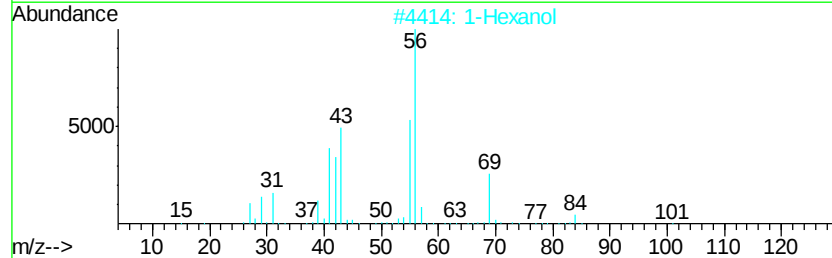
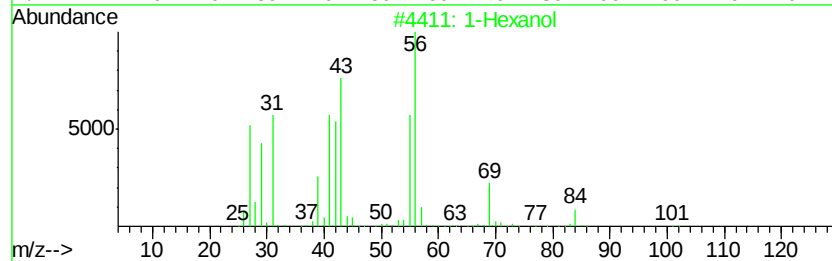
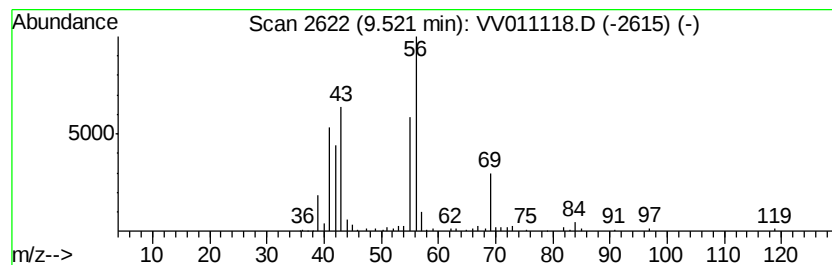
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 4 1-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	2.55 ug/L	97403	Chlorobenzene-d5	8.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol	102	C6H14O	000111-27-3	86
2			1-Hexanol	102	C6H14O	000111-27-3	78
3			Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78
4			Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78
5			Hexyl chloroformate	164	C7H13ClO2	006092-54-2	64



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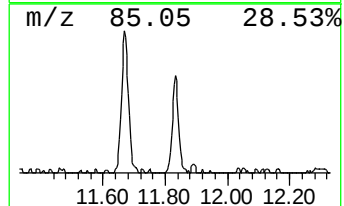
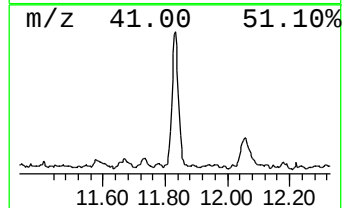
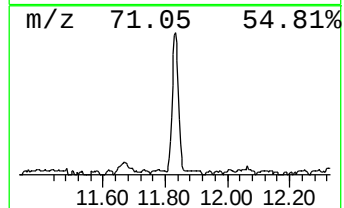
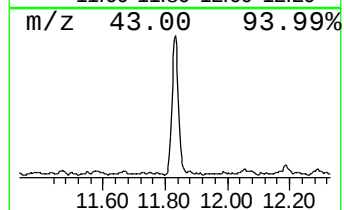
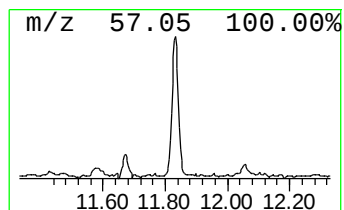
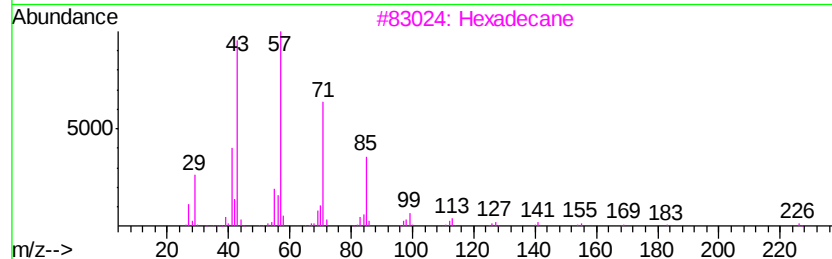
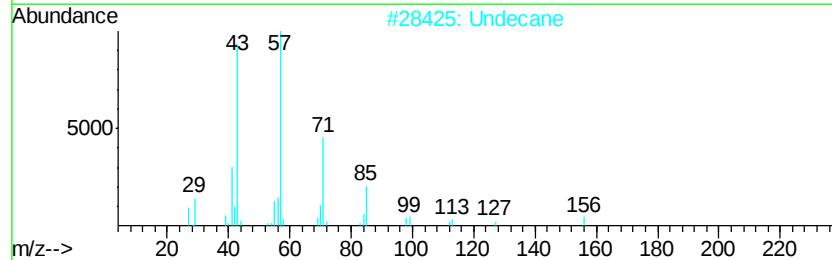
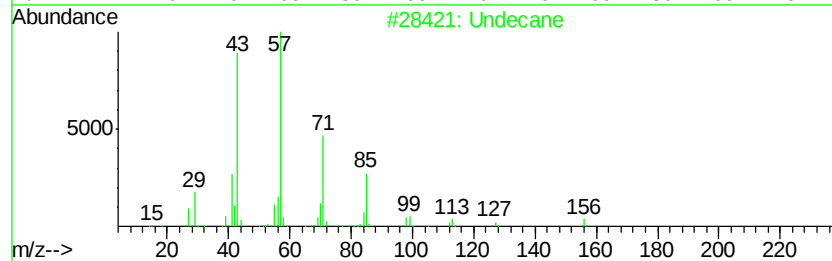
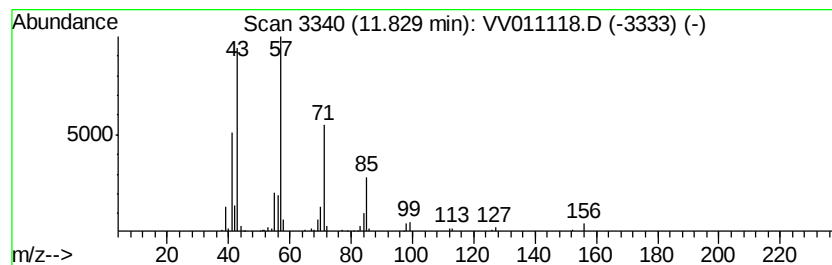
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.43 ug/L	74385	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	94
2		Undecane	156	C11H24	001120-21-4	91
3		Hexadecane	226	C16H34	000544-76-3	80
4		Hexadecane	226	C16H34	000544-76-3	72
5		Undecane	156	C11H24	001120-21-4	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Data File : VV011118.D
Acq On : 29 May 2019 22:21
Operator : SY/MD
Sample : K3017-08
Misc : 5.19G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E1

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
Pentanal	6.33	2.9	ug/L	90100	1	5.66	789906	25.0
Hexanal	8.28	14.1	ug/L	539080	2	8.89	953453	25.0
1-Hexanol	9.52	2.5	ug/L	97403	2	8.89	953453	25.0
(DEL) Alkane: Str...	11.83	2.4	ug/L	74385	3	11.30	765866	25.0