

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011122.D
 Acq On : 30 May 2019 00:13
 Operator : SY/MD
 Sample : K3017-12
 Misc : 2.97G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E5

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	1.200	30	34	47	rVB4	23897	36637	1.49%	0.247%
2	1.309	60	68	78	rBV	235194	225236	9.13%	1.519%
3	1.380	85	90	99	rBV	62231	63706	2.58%	0.430%
4	1.553	138	144	154	rVB	156293	184617	7.49%	1.245%
5	1.801	213	221	233	rVB	292864	378861	15.36%	2.555%
6	2.113	309	318	330	rVB2	340661	497324	20.17%	3.353%
7	2.184	331	340	362	rVB	248229	374257	15.18%	2.524%
8	2.450	415	423	437	rVB	100637	163635	6.64%	1.103%
9	2.798	528	531	535	rVB6	1663	1535	0.06%	0.010%
10	2.987	578	590	599	rVV2	10839	23811	0.97%	0.161%
11	3.058	603	612	623	rVV4	11630	24022	0.97%	0.162%
12	3.196	649	655	665	rBV9	3759	6213	0.25%	0.042%
13	3.235	665	667	673	rVB7	1602	1121	0.05%	0.008%
14	3.299	684	687	694	rVB9	2243	2317	0.09%	0.016%
15	3.528	754	758	761	rBV6	1035	961	0.04%	0.006%
16	3.740	814	824	841	rBV2	30567	74389	3.02%	0.502%
17	3.929	872	883	902	rBV2	62444	160477	6.51%	1.082%
18	4.286	992	994	999	rVB3	1332	1159	0.05%	0.008%
19	4.389	1008	1026	1051	rBV	231132	569028	23.07%	3.837%
20	4.695	1118	1121	1123	rBV3	1678	1085	0.04%	0.007%
21	5.087	1223	1243	1267	rBV2	595976	1461945	59.28%	9.858%
22	5.370	1319	1331	1350	rBV2	23193	54623	2.21%	0.368%
23	5.537	1368	1383	1384	rBV2	10360	17208	0.70%	0.116%
24	5.656	1407	1420	1445	rVB	487781	968137	39.26%	6.528%
25	5.958	1503	1514	1518	rBV	5355	9664	0.39%	0.065%
26	6.113	1544	1562	1584	rBV	342449	696208	28.23%	4.695%
27	6.325	1616	1628	1652	rBV	244980	470744	19.09%	3.174%
28	6.634	1720	1724	1726	rBV4	1761	1231	0.05%	0.008%
29	6.945	1818	1821	1825	rBV4	1469	1398	0.06%	0.009%
30	7.026	1832	1846	1862	rBV	193845	339625	13.77%	2.290%
31	7.132	1873	1879	1884	rBV8	2402	2984	0.12%	0.020%
32	7.183	1888	1895	1903	rVB8	4014	6571	0.27%	0.044%
33	7.354	1929	1948	1963	rBV	660362	1226900	49.75%	8.273%
34	7.601	2020	2025	2033	rBV7	5607	7009	0.28%	0.047%

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35	7.659	2033	2043	2062	rVV	122826	206441	8.37%	1.392%
36	7.746	2062	2070	2080	rVB	5699	11090	0.45%	0.075%
37	7.875	2108	2110	2112	rBV2	1428	1002	0.04%	0.007%
38	7.974	2130	2141	2153	rBV4	19007	42460	1.72%	0.286%
39	8.084	2173	2175	2177	rBV2	1685	942	0.04%	0.006%
40	8.132	2179	2190	2206	rBV	233779	416526	16.89%	2.809%
41	8.280	2224	2236	2288	rVB	1510088	2466078	100.00%	16.629%
42	8.675	2357	2359	2363	rVB4	1836	1036	0.04%	0.007%
43	8.704	2363	2368	2372	rBV5	1732	1559	0.06%	0.011%
44	8.756	2381	2384	2390	rBV7	1293	1366	0.06%	0.009%
45	8.894	2413	2427	2447	rBV	642227	1059488	42.96%	7.144%
46	9.106	2490	2493	2494	rBV3	1652	1027	0.04%	0.007%
47	9.180	2508	2516	2519	rBV7	4817	6227	0.25%	0.042%
48	9.248	2527	2537	2564	rVV3	25370	84827	3.44%	0.572%
49	9.350	2565	2569	2579	rVB10	8164	11652	0.47%	0.079%
50	9.524	2613	2623	2638	rBV2	39289	85664	3.47%	0.578%
51	9.746	2685	2692	2702	rVB	11256	15123	0.61%	0.102%
52	9.849	2715	2724	2741	rBV2	74354	120877	4.90%	0.815%
53	10.077	2792	2795	2798	rBV5	1275	1023	0.04%	0.007%
54	10.158	2818	2820	2829	rVB8	2054	2726	0.11%	0.018%
55	10.260	2839	2852	2867	rBV	252849	407773	16.54%	2.750%
56	10.421	2895	2902	2913	rVB3	22944	38183	1.55%	0.257%
57	10.566	2935	2947	2957	rVV5	14496	28363	1.15%	0.191%
58	10.624	2957	2965	2981	rVB4	12467	23335	0.95%	0.157%
59	10.762	2998	3008	3014	rBV2	14345	23588	0.96%	0.159%
60	10.804	3014	3021	3036	rVB3	17710	33186	1.35%	0.224%
61	10.981	3057	3076	3087	rBV2	35826	76297	3.09%	0.514%
62	11.093	3103	3111	3112	rBV6	3140	4352	0.18%	0.029%
63	11.196	3132	3143	3162	rBV2	58213	100817	4.09%	0.680%
64	11.293	3162	3173	3189	rBV	390536	621153	25.19%	4.188%
65	11.579	3254	3262	3271	rVV5	8632	14713	0.60%	0.099%
66	11.672	3279	3291	3302	rBV	320877	522685	21.19%	3.524%
67	11.826	3336	3339	3347	rBV8	2735	2687	0.11%	0.018%
68	11.997	3386	3392	3395	rBV8	2492	3291	0.13%	0.022%
69	12.051	3397	3409	3430	rVV2	46266	91494	3.71%	0.617%
70	12.292	3475	3484	3494	rBV2	20968	35999	1.46%	0.243%
71	12.392	3505	3515	3530	rVV2	34736	56283	2.28%	0.380%

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72	12.518	3549	3554	3557	rBV6	1804	1181	0.05%	0.008%
73	12.643	3591	3593	3603	rVB7	1606	1840	0.07%	0.012%
74	12.694	3603	3609	3610	rBV5	2163	1544	0.06%	0.010%
75	12.720	3611	3617	3623	rVB10	5111	7028	0.28%	0.047%
76	12.778	3629	3635	3636	rBV4	2479	1982	0.08%	0.013%
77	12.884	3662	3668	3674	rVB8	1019	1076	0.04%	0.007%
78	12.929	3674	3682	3691	rBV10	4160	6699	0.27%	0.045%
79	12.997	3697	3703	3704	rBV5	2460	1868	0.08%	0.013%
80	13.190	3755	3763	3768	rBV7	5620	8367	0.34%	0.056%
81	13.305	3796	3799	3801	rBV4	1904	1255	0.05%	0.008%
82	13.325	3803	3805	3809	rVB4	1290	913	0.04%	0.006%
83	13.370	3811	3819	3821	rBV6	1837	2373	0.10%	0.016%
84	13.485	3848	3855	3863	rBV6	4054	6365	0.26%	0.043%
85	13.543	3870	3873	3876	rBV5	1642	1137	0.05%	0.008%
86	13.640	3895	3903	3910	rVB9	3352	5358	0.22%	0.036%
87	13.701	3918	3922	3925	rVB5	1720	1360	0.06%	0.009%
88	13.730	3925	3931	3932	rBV6	1589	1641	0.07%	0.011%
89	13.871	3970	3975	3976	rBV3	1299	1015	0.04%	0.007%
90	13.955	3999	4001	4006	rVB4	1418	1071	0.04%	0.007%
91	13.981	4006	4009	4012	rVB5	1455	932	0.04%	0.006%
92	14.003	4012	4016	4019	rBV5	1509	1164	0.05%	0.008%
93	14.090	4031	4043	4059	rBV	41641	75777	3.07%	0.511%
94	14.228	4081	4086	4095	rVV9	5962	9072	0.37%	0.061%
95	14.382	4127	4134	4138	rBV9	4268	5701	0.23%	0.038%
96	14.559	4186	4189	4193	rVB4	1736	1341	0.05%	0.009%
97	14.752	4245	4249	4253	rBV6	1206	1185	0.05%	0.008%
98	14.881	4283	4289	4291	rBV6	2247	2200	0.09%	0.015%
99	15.553	4495	4498	4502	rVB5	1376	965	0.04%	0.007%
100	15.665	4529	4533	4534	rBV4	2632	1833	0.07%	0.012%

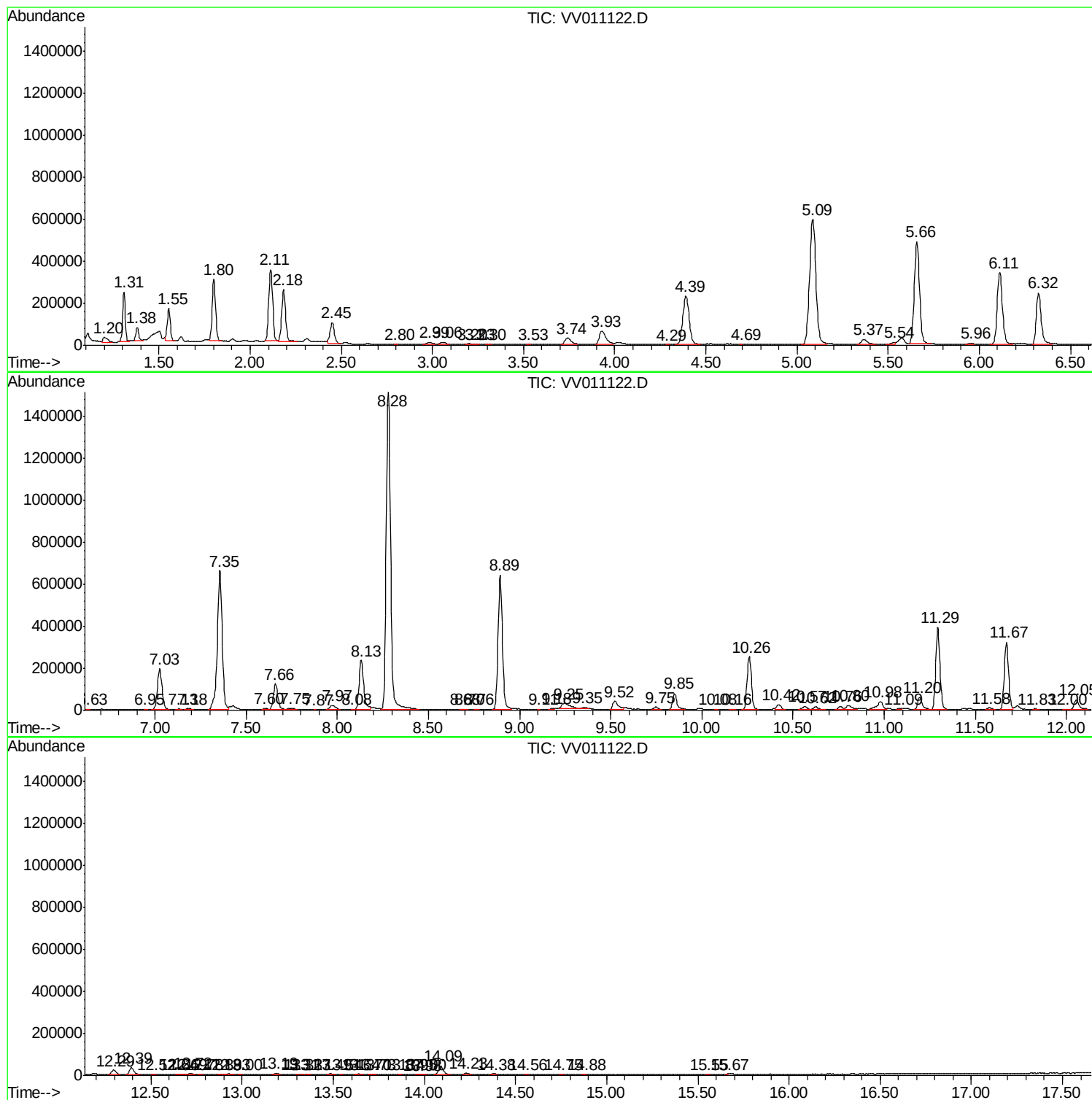
Sum of corrected areas: 14830214

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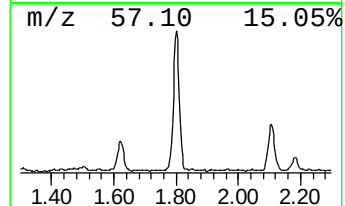
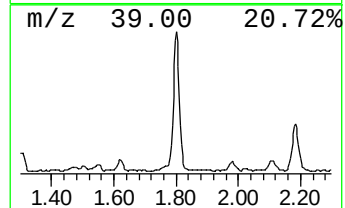
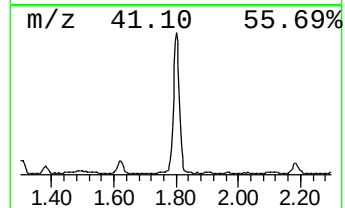
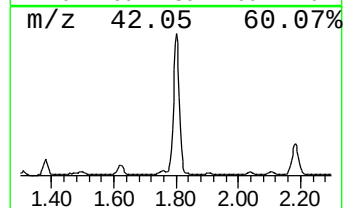
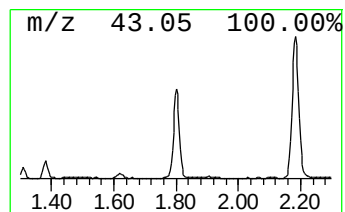
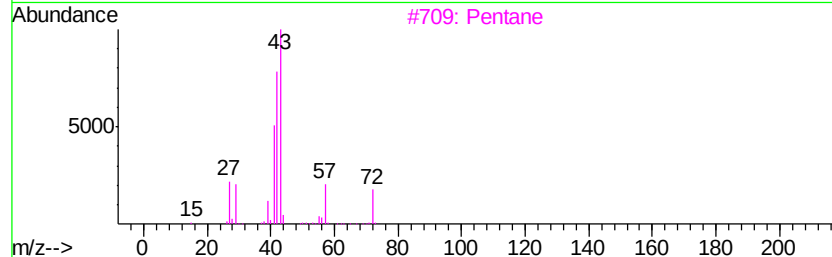
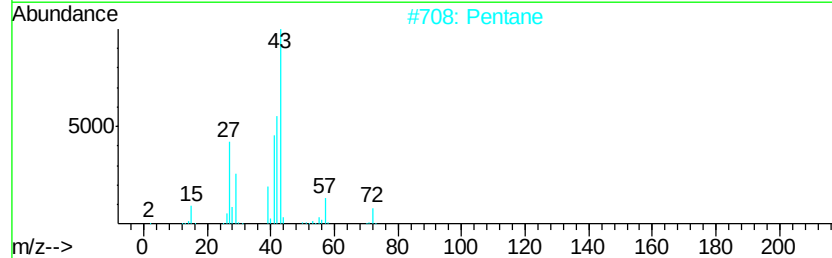
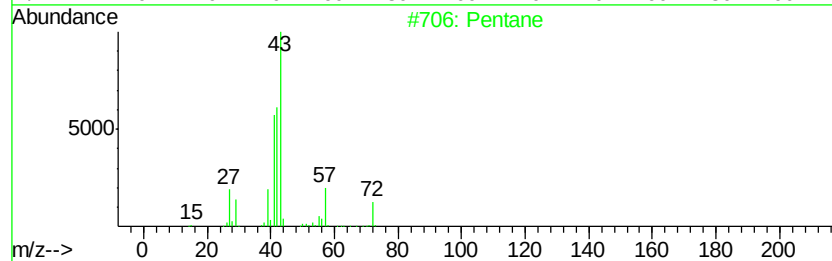
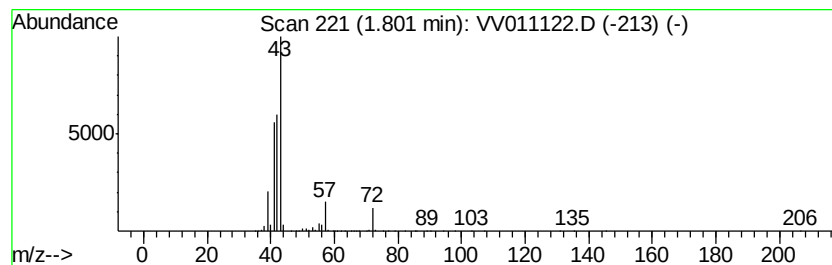
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	9.78 ug/L	378861	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	91
2		Pentane	72	C5H12	000109-66-0	90
3		Pentane	72	C5H12	000109-66-0	86
4		Pentane	72	C5H12	000109-66-0	86
5		Butane, 2-methyl-	72	C5H12	000078-78-4	50



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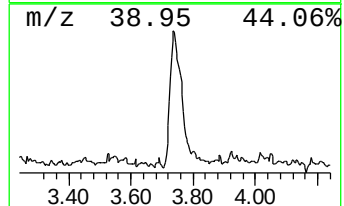
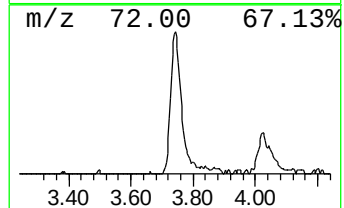
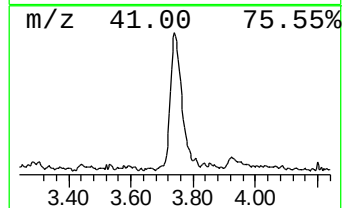
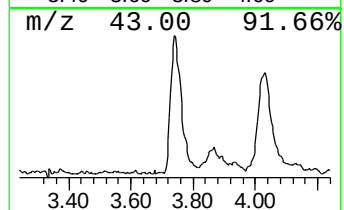
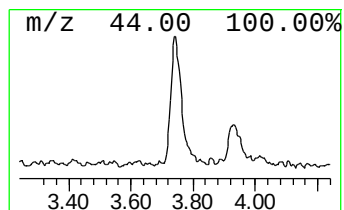
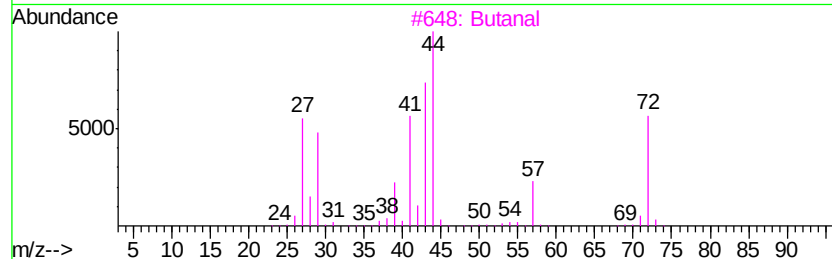
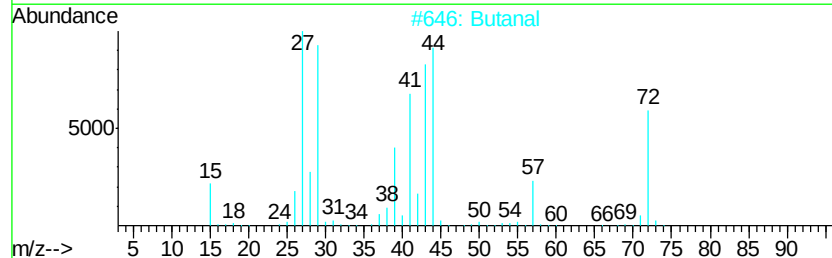
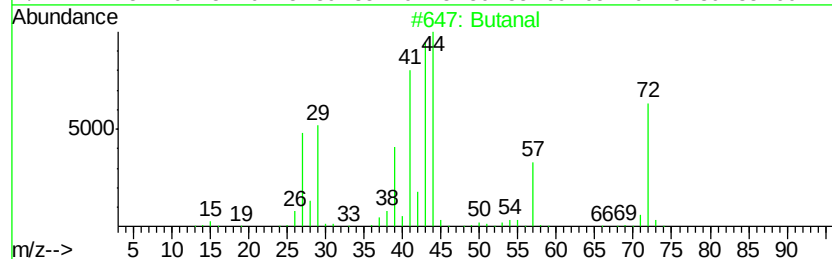
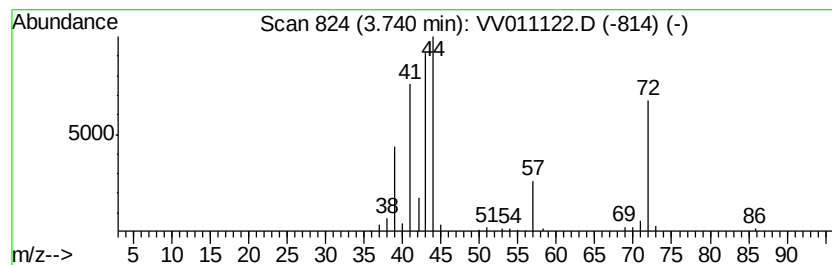
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 3 Butanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	1.92 ug/L	74389	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	91
2		Butanal	72	C4H8O	000123-72-8	91
3		Butanal	72	C4H8O	000123-72-8	72
4		Butanal	72	C4H8O	000123-72-8	59
5		Ethene, ethoxy-	72	C4H8O	000109-92-2	50



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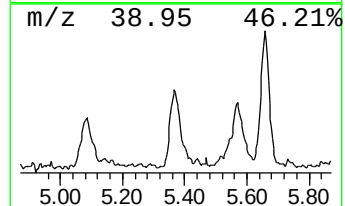
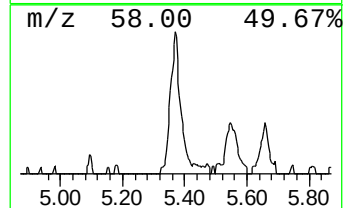
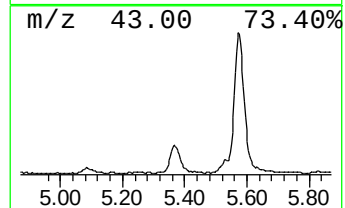
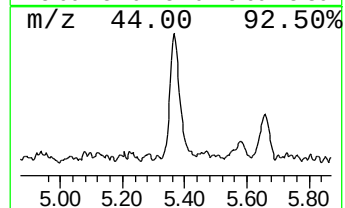
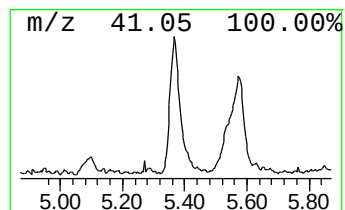
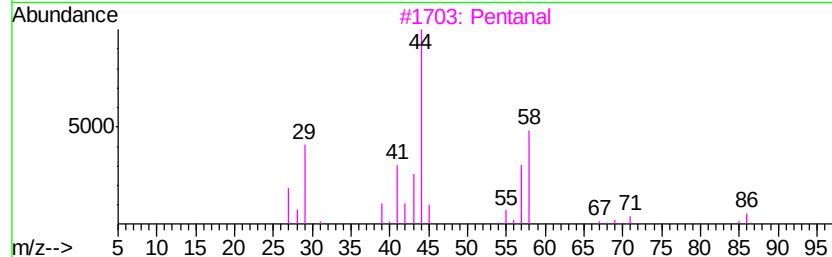
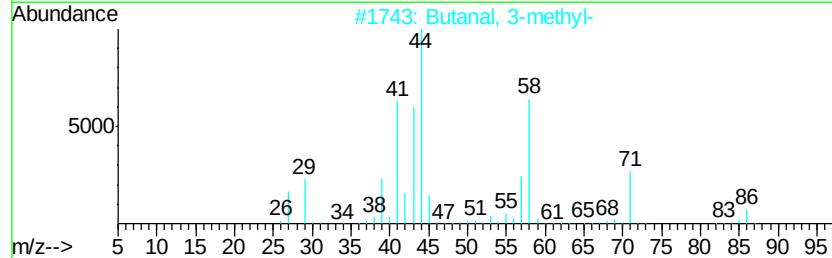
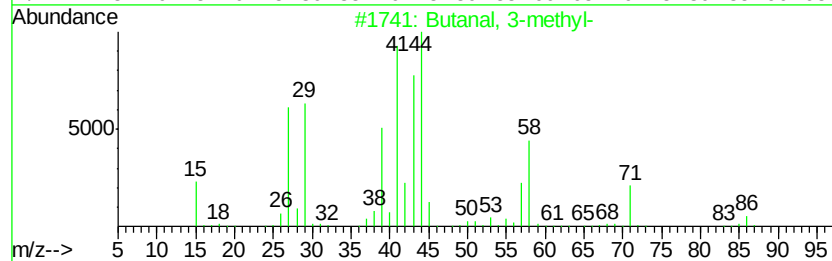
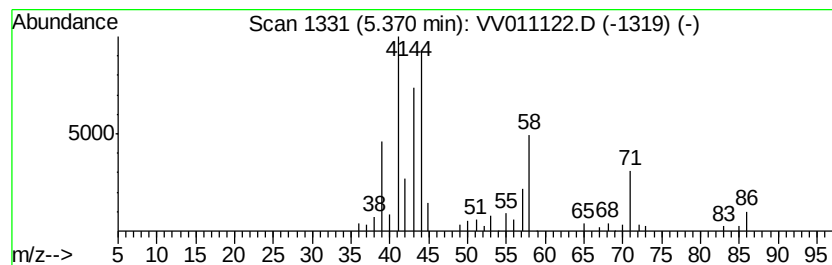
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Peak Number 4 Butanal, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.37	1.41 ug/L	54623	1,4-Difluorobenzene	5.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	58
3	Pentanal	86	C5H10O	000110-62-3	47
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	47
5	Butanal	72	C4H8O	000123-72-8	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
Misc : 2.97G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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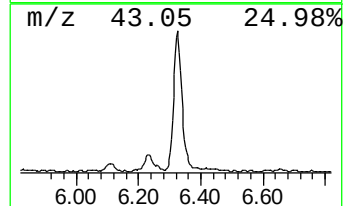
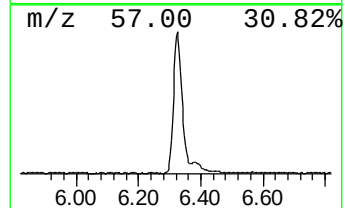
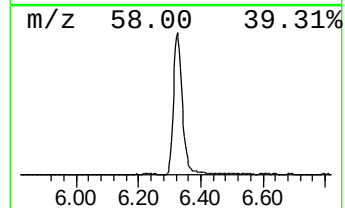
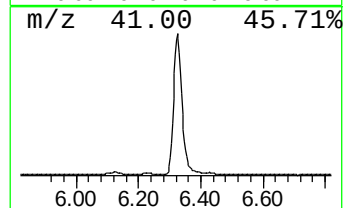
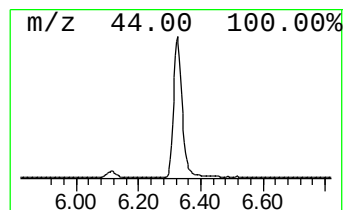
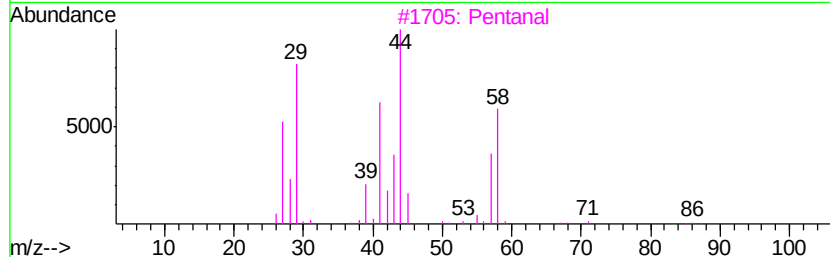
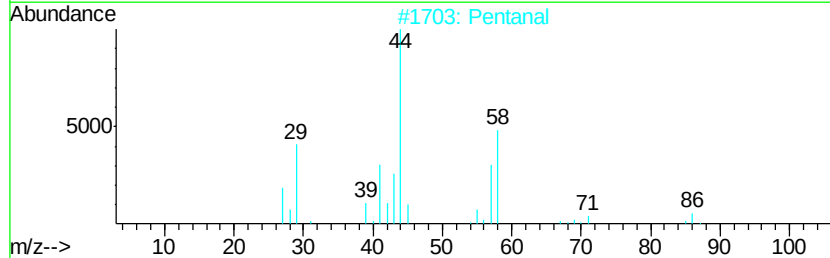
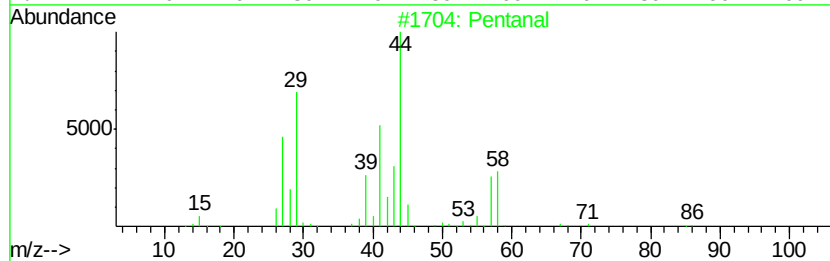
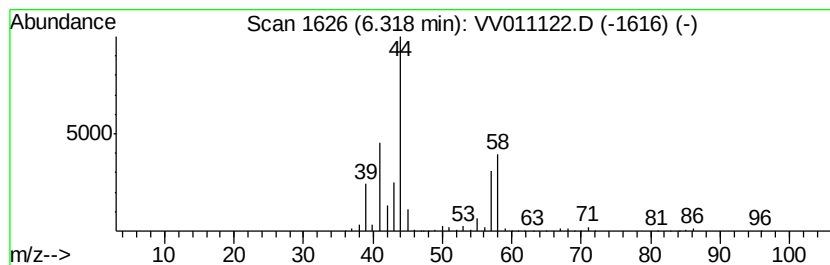
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Quant Title : VOC Analysis

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

Peak Number 5 Pentanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	12.16 ug/L	470744	1,4-Difluorobenzene	5.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal		86	C5H10O	000110-62-3	80
2	Pentanal		86	C5H10O	000110-62-3	78
3	Pentanal		86	C5H10O	000110-62-3	58
4	Butanal, 3-methyl-		86	C5H10O	000590-86-3	36
5	Butanal, 3-methyl-		86	C5H10O	000590-86-3	33



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
Misc : 2.97G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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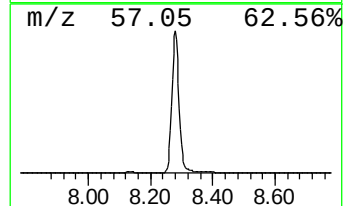
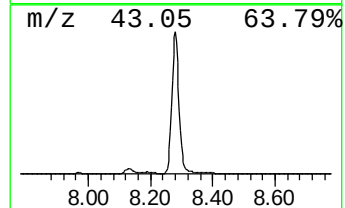
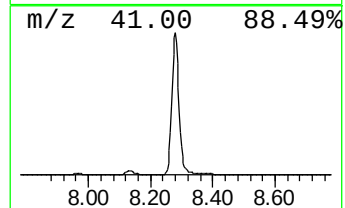
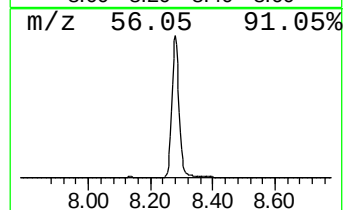
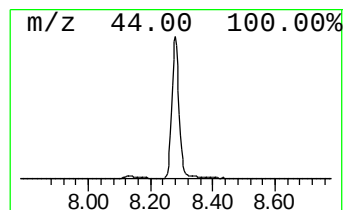
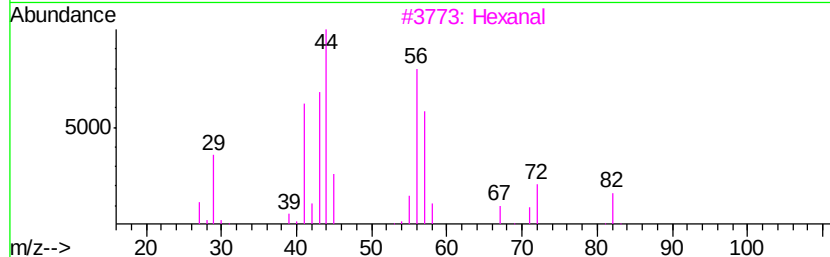
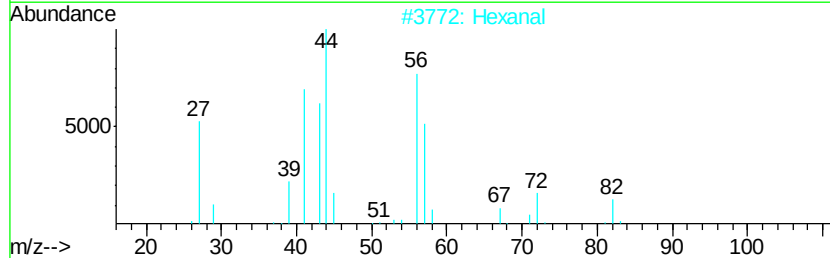
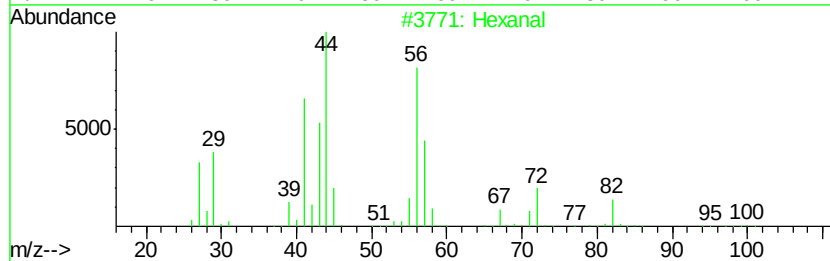
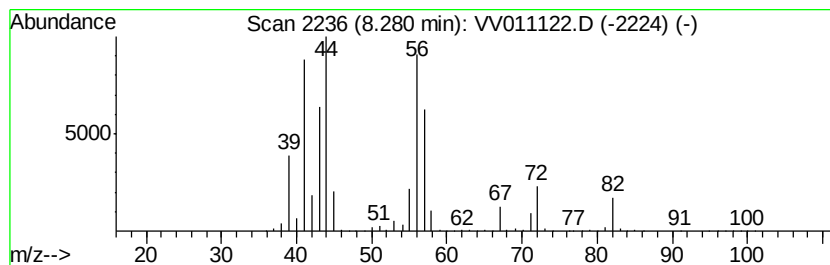
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Quant Title : VOC Analysis

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

Peak Number 7 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	58.19 ug/L	2466080	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	80
4		Hexanal	100	C6H12O	000066-25-1	72
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
Misc : 2.97G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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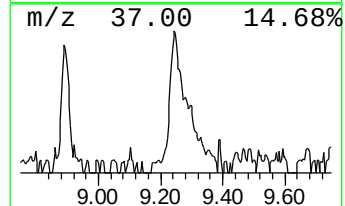
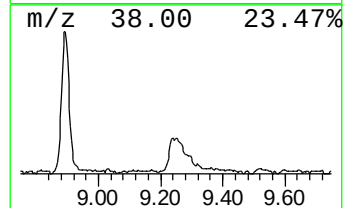
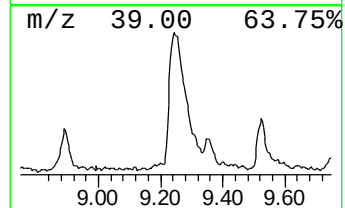
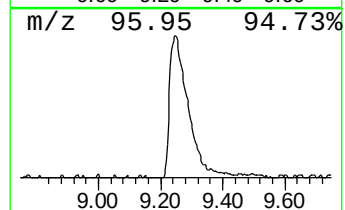
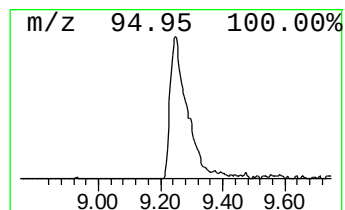
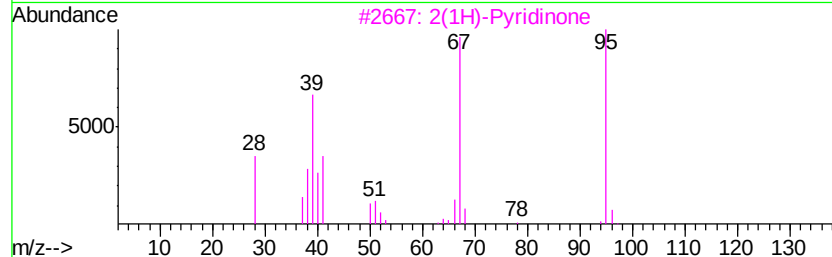
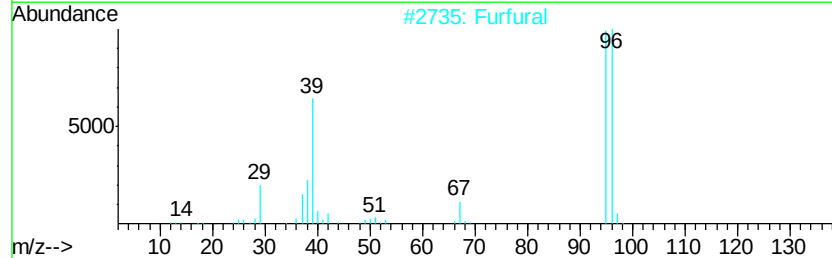
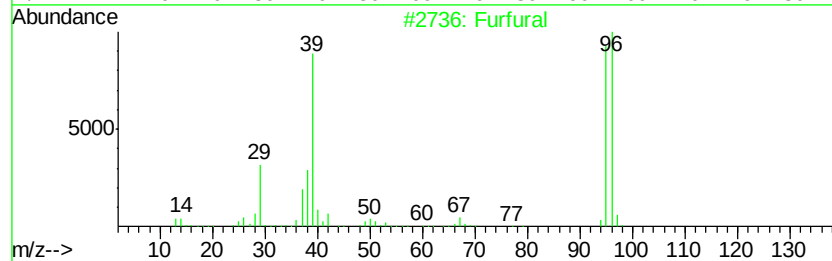
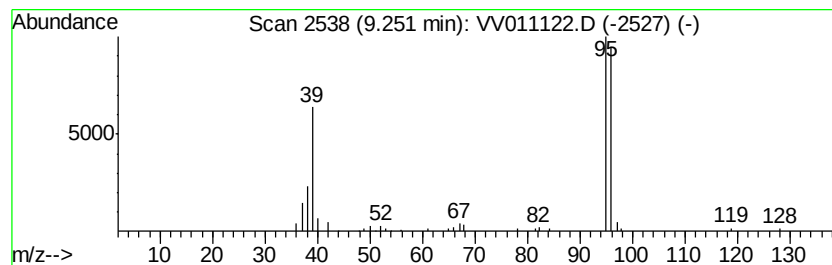
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Quant Title : VOC Analysis

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

Peak Number 8 Furfural Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.00 ug/L	84827	Chlorobenzene-d5	8.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural		96	C5H4O2	000098-01-1	91
2	Furfural		96	C5H4O2	000098-01-1	91
3	2(1H)-Pyridinone		95	C5H5NO	000142-08-5	59
4	3(2H)-Pyridazinone		96	C4H4N2O	000504-30-3	58
5	Furfural		96	C5H4O2	000098-01-1	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
Misc : 2.97G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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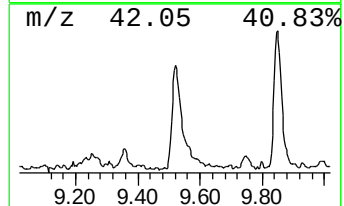
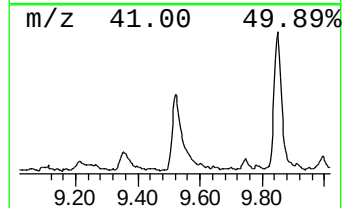
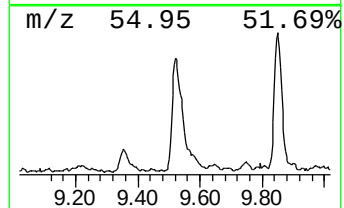
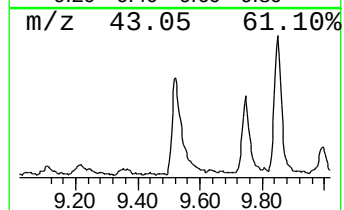
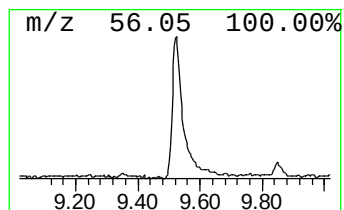
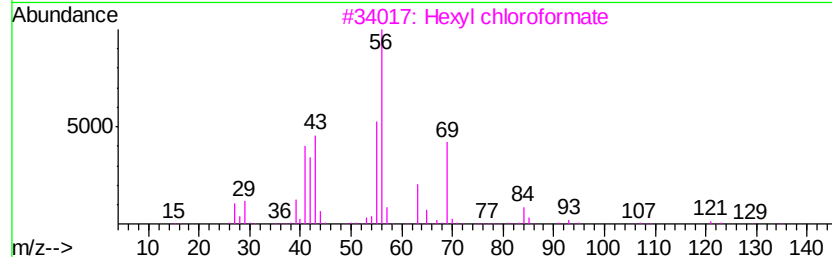
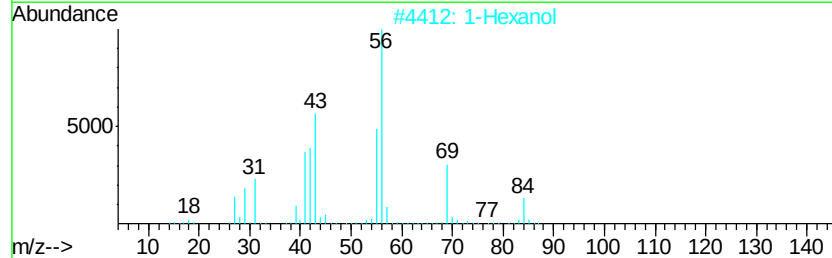
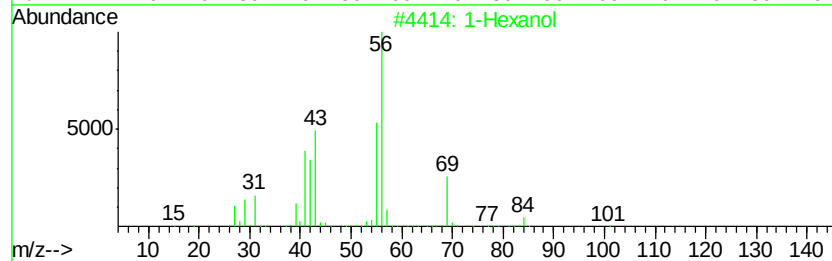
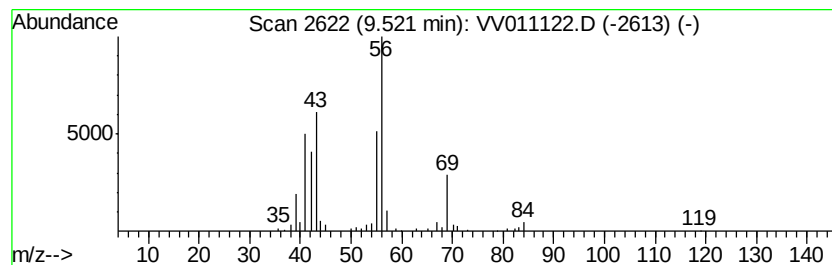
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Quant Title : VOC Analysis

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

Peak Number 9 1-Hexanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	2.02 ug/L	85664	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol	102	C6H14O	000111-27-3	83
2		1-Hexanol	102	C6H14O	000111-27-3	78
3		Hexyl chloroformate	164	C7H13ClO2	006092-54-2	72
4		1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	64
5		Formic acid, hexyl ester	130	C7H14O2	000629-33-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
Misc : 2.97G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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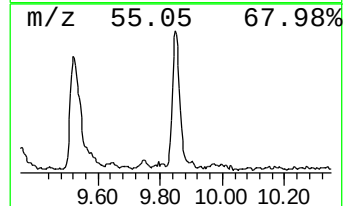
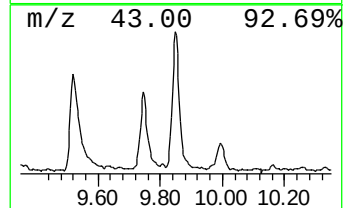
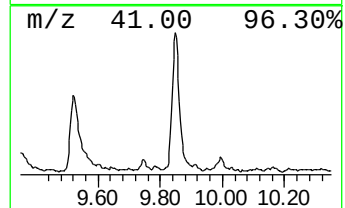
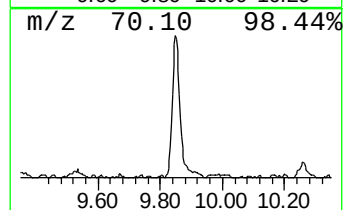
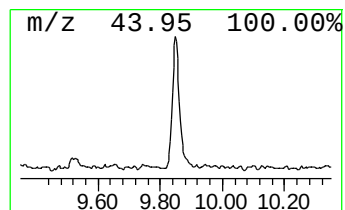
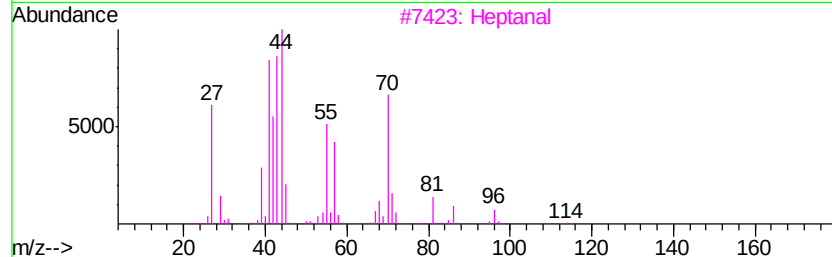
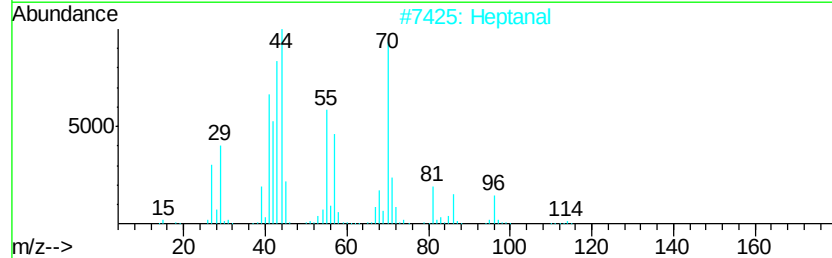
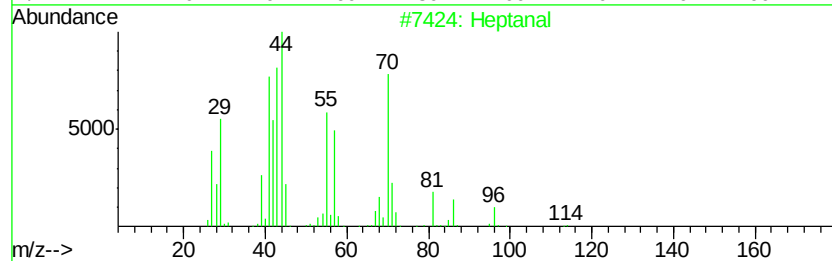
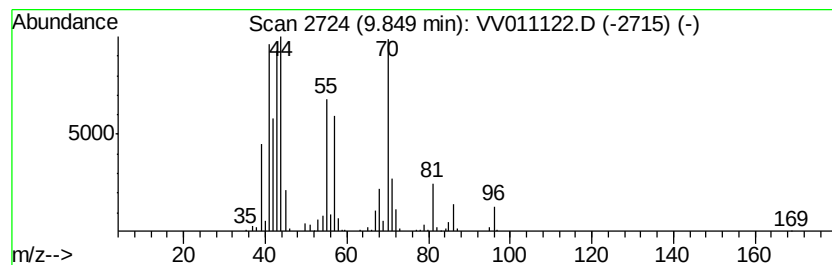
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Quant Title : VOC Analysis

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

Peak Number 10 Heptanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.85 ug/L	120877	Chlorobenzene-d5	8.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	83
2	Heptanal			114	C7H14O	000111-71-7	83
3	Heptanal			114	C7H14O	000111-71-7	80
4	Heptanal			114	C7H14O	000111-71-7	80
5	Heptanal			114	C7H14O	000111-71-7	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
Misc : 2.97G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

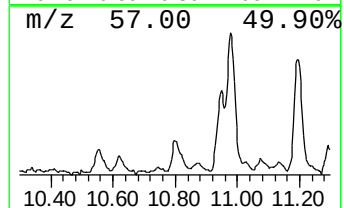
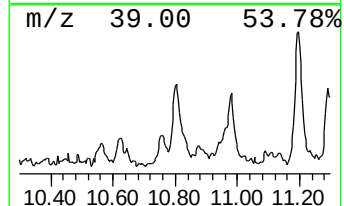
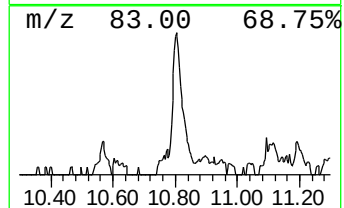
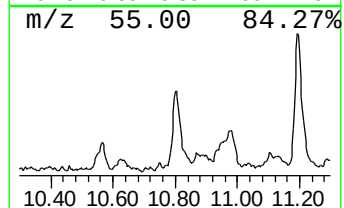
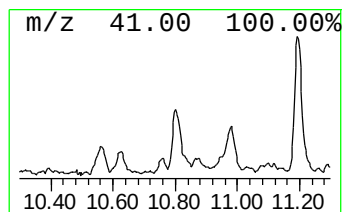
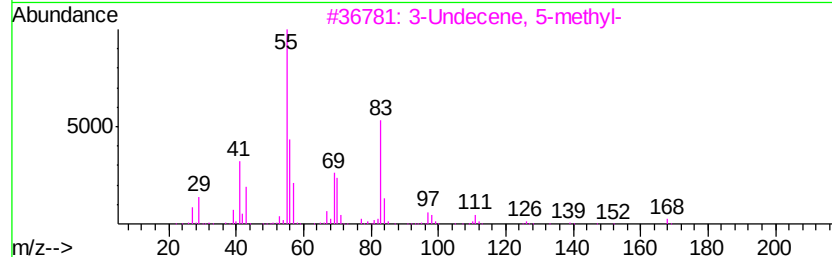
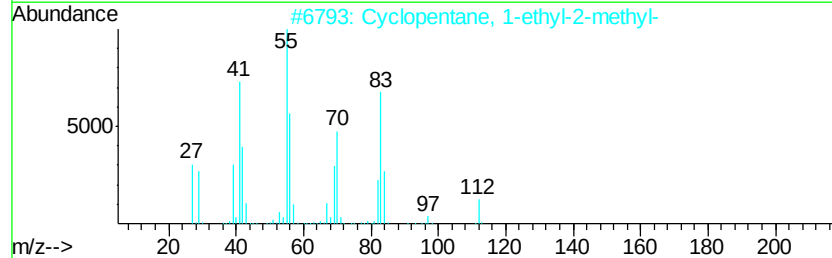
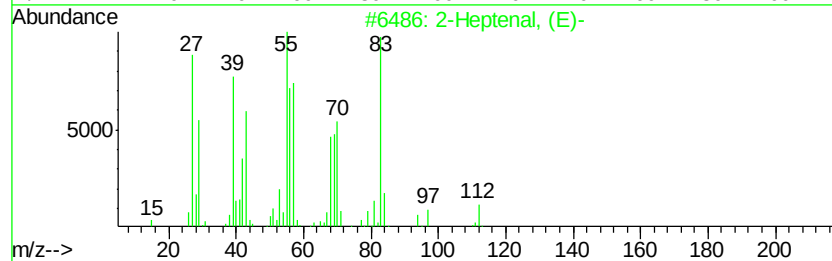
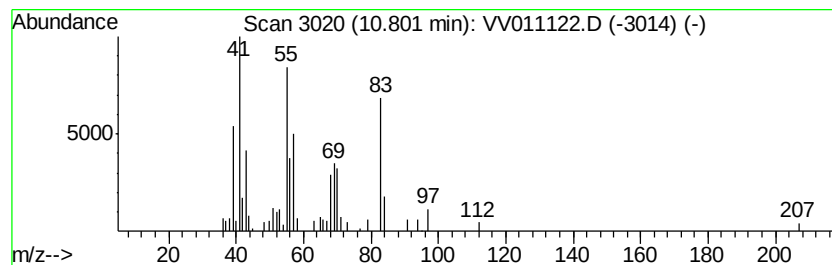
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 12 2-Heptenal, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	1.34 ug/L	33186	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		2-Heptenal, (E)-	112 C7H12O	018829-55-5 68
2		Cyclopentane, 1-ethyl-2-methyl-	112 C8H16	003726-46-3 62
3		3-Undecene, 5-methyl-	168 C12H24	1000061-84-1 59
4		Cyclopentane, 1-ethyl-3-methyl-	112 C8H16	003726-47-4 49
5		2-Heptenal, (Z)-	112 C7H12O	057266-86-1 47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
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ALS Vial : 1 Sample Multiplier: 1

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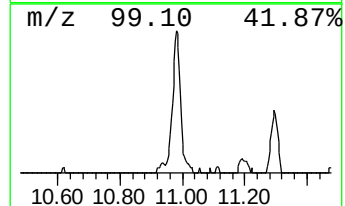
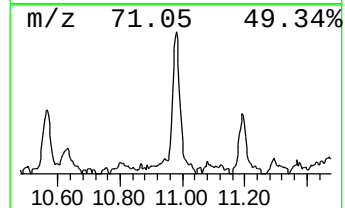
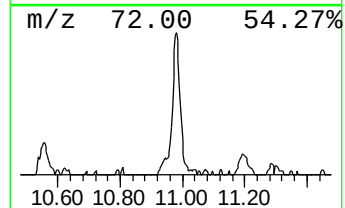
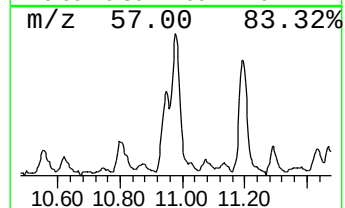
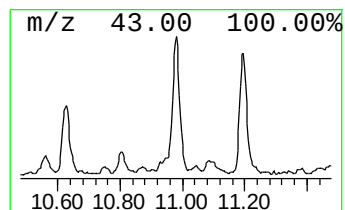
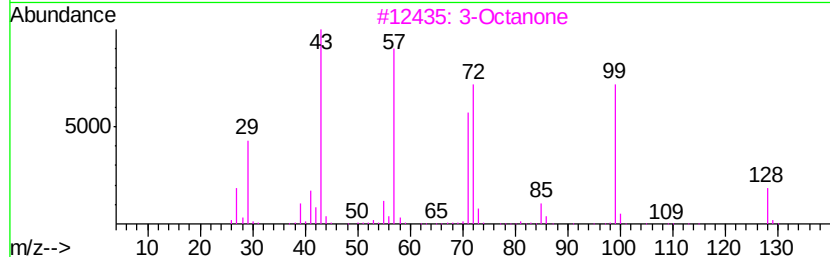
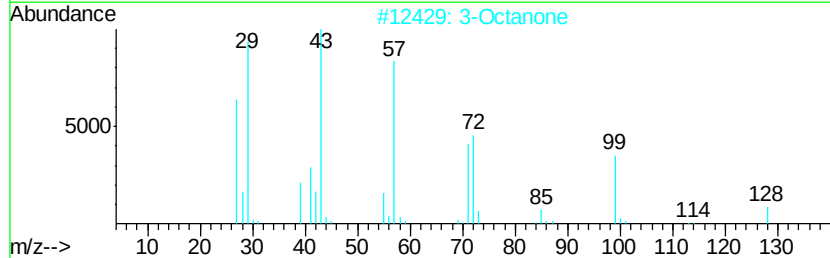
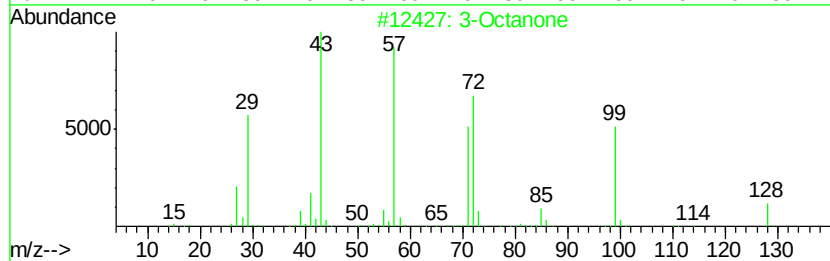
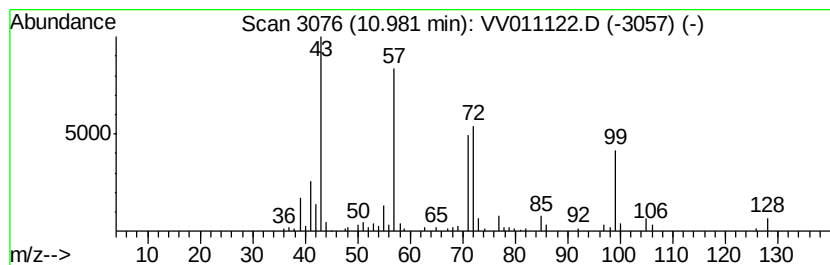
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Quant Title : VOC Analysis

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

Peak Number 13 3-Octanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	3.07 ug/L	76297	1,4-Dichlorobenzene-d4	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanone	128	C8H16O	000106-68-3	90
2			3-Octanone	128	C8H16O	000106-68-3	90
3			3-Octanone	128	C8H16O	000106-68-3	78
4			3-Octanone	128	C8H16O	000106-68-3	64
5			3-Octanone	128	C8H16O	000106-68-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
Misc : 2.97G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

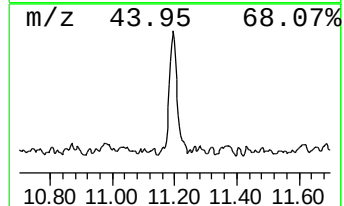
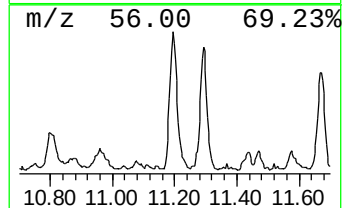
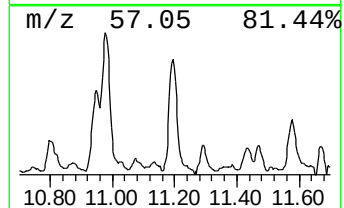
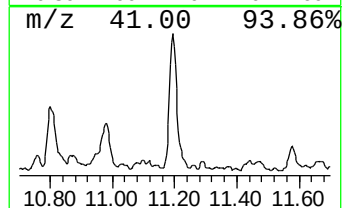
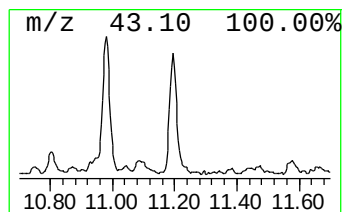
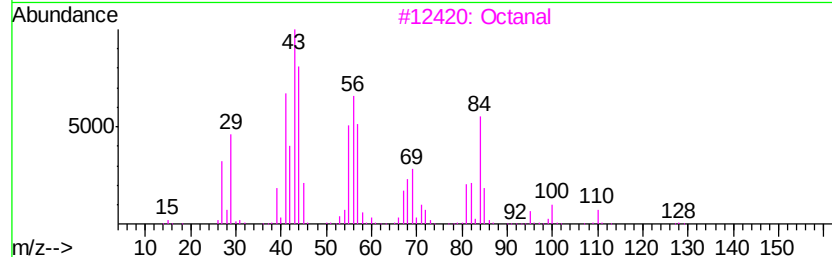
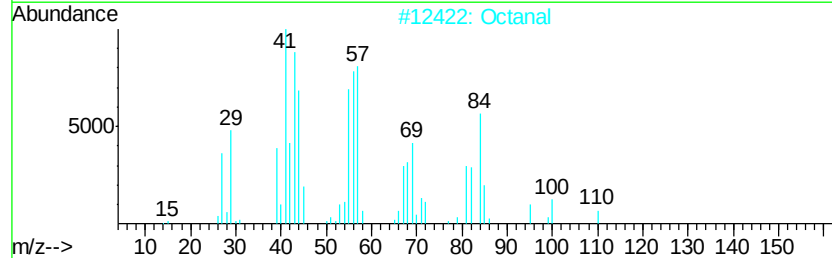
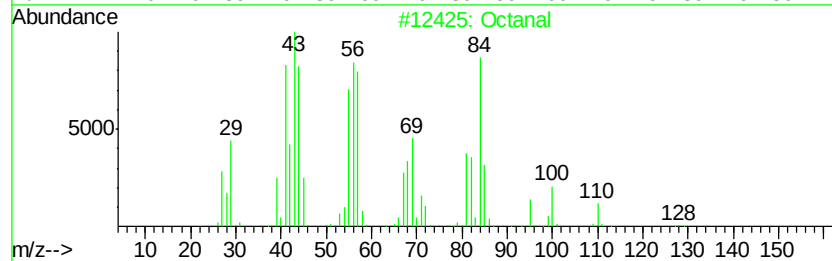
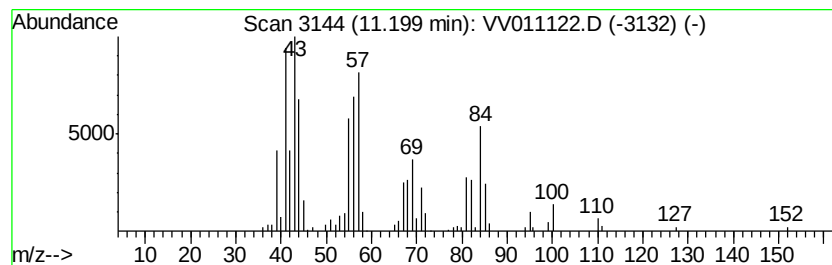
Instrument :
MSVOA_V
ClientSampled :
A51E5

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 14 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.20	4.06 ug/L	100817	1,4-Dichlorobenzene-d4	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	87
2	Octanal	128	C8H16O	000124-13-0	83
3	Octanal	128	C8H16O	000124-13-0	80
4	Octanal	128	C8H16O	000124-13-0	80
5	Octanal	128	C8H16O	000124-13-0	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
Misc : 2.97G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

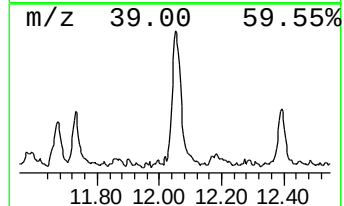
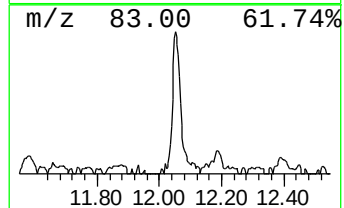
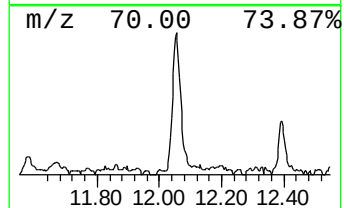
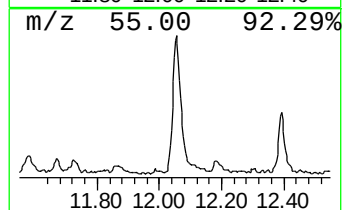
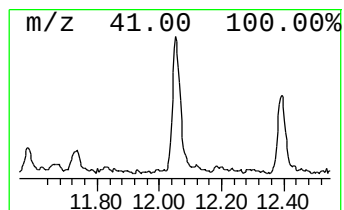
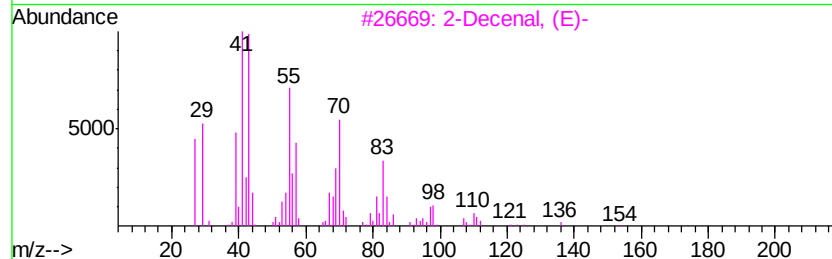
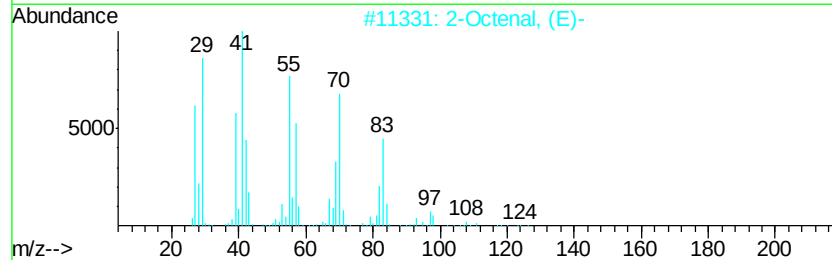
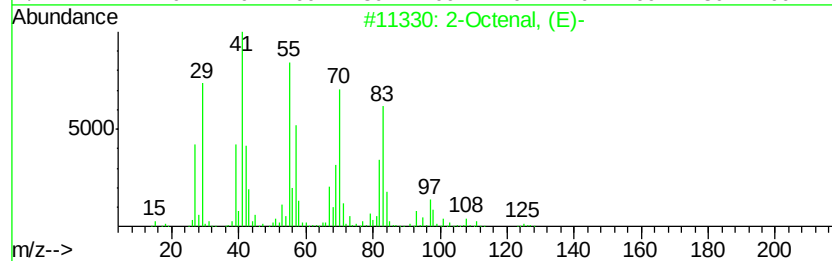
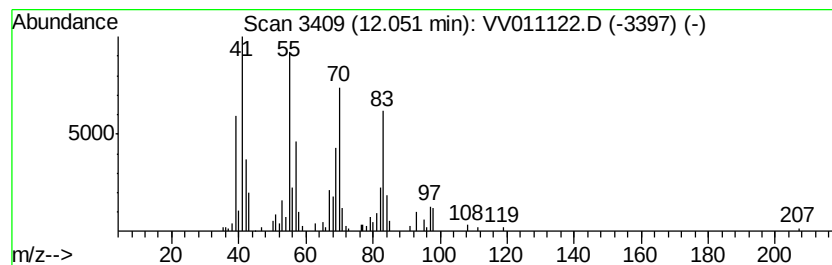
Instrument :
MSVOA_V
ClientSampleId :
A51E5

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 15 2-Octenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	3.68 ug/L	91494	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Octenal, (E)-	126 C8H14O	002548-87-0	72
2	2-Octenal, (E)-	126 C8H14O	002548-87-0	64
3	2-Decenal, (E)-	154 C10H18O	003913-81-3	47
4	Cyclopentane, 1,1,3,3-tetramethyl-	126 C9H18	050876-33-0	38
5	1-Pentene, 2,3-dimethyl-	98 C7H14	003404-72-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
Misc : 2.97G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E5

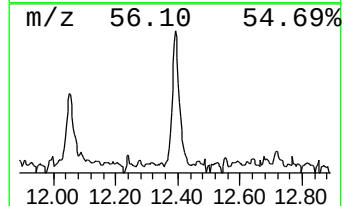
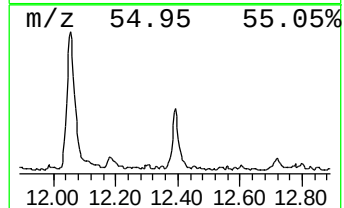
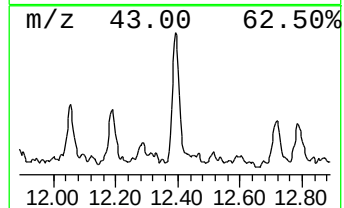
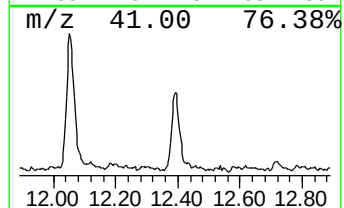
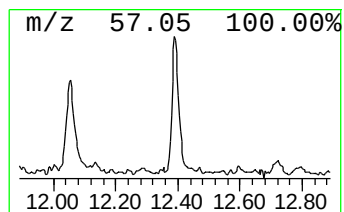
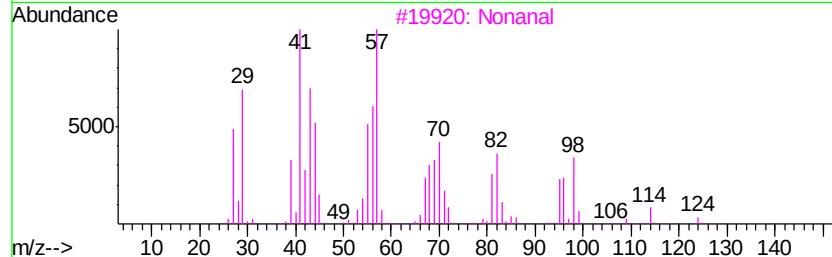
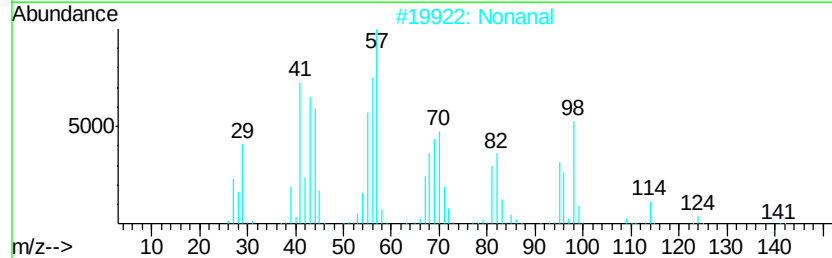
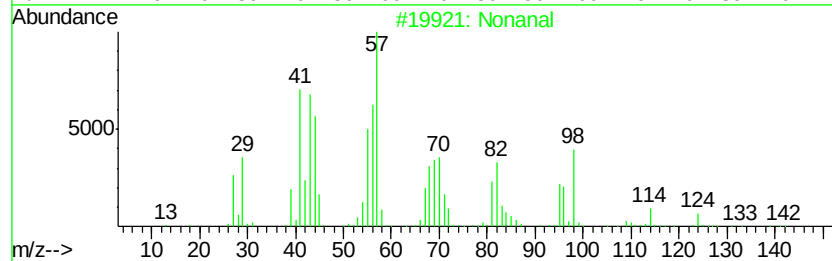
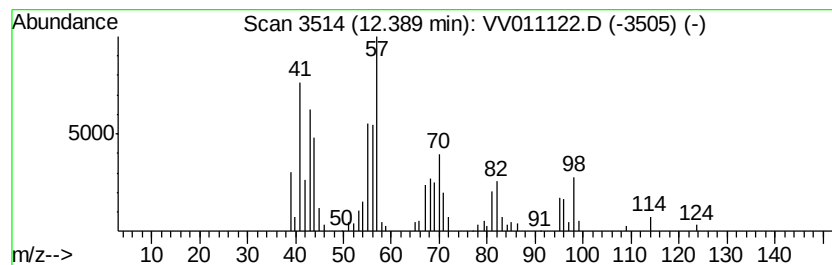
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 17 Nonanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.27 ug/L	56283	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	86
2		Nonanal	142	C9H18O	000124-19-6	72
3		Nonanal	142	C9H18O	000124-19-6	72
4		Nonanal	142	C9H18O	000124-19-6	59
5		Oxirane, octyl-	156	C10H20O	002404-44-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
Misc : 2.97G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E5

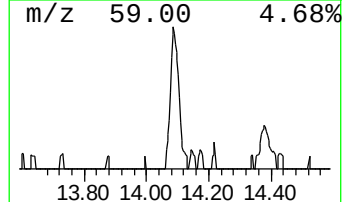
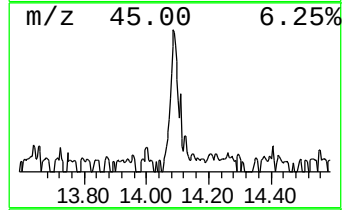
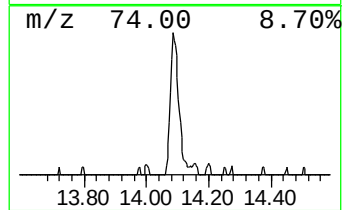
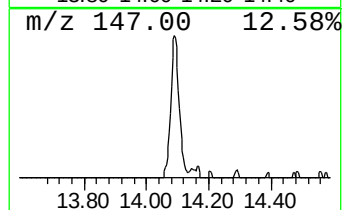
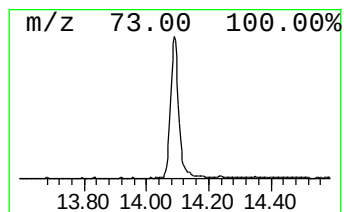
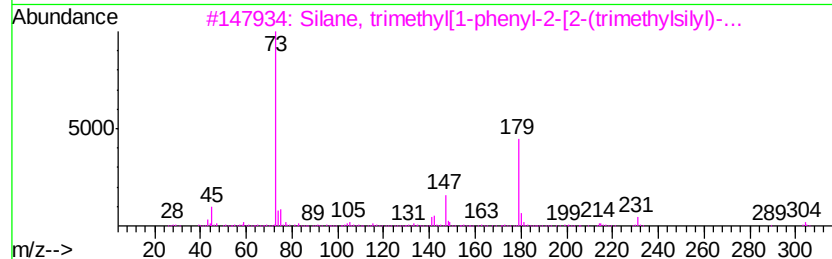
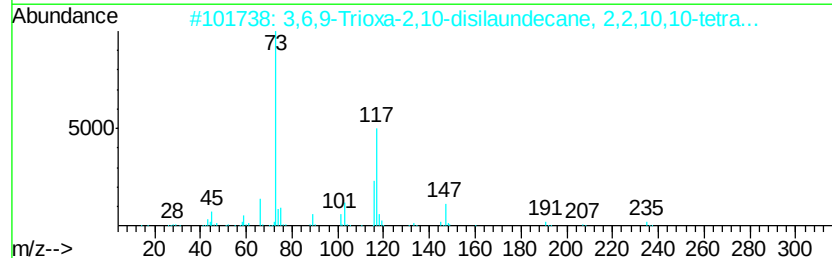
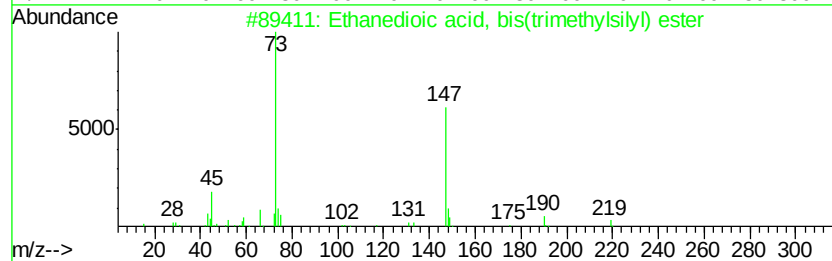
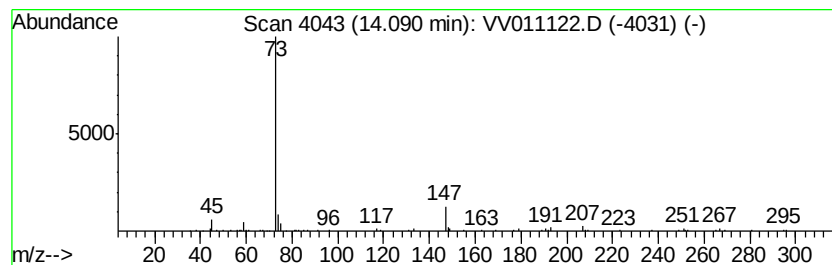
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 18 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	3.05 ug/L	75777	1,4-Dichlorobenzene-d4	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanedioic acid, bis(trimethyls...	234	C8H18O4Si2	018294-04-7	40
2			3,6,9-Trioxa-2,10-disilaundecane...	250	C10H26O3Si2	016654-74-3	33
3			Silane, trimethyl[1-phenyl-2-[2-...	304	C17H28OSi2	097778-19-3	33
4			2-Ethyl-3-trimethylsilyloxy(trim...	276	C12H28O3Si2	1000078-93-6	33
5			2-Phenyl-2-trimethylsilyloxyprop...	310	C15H26O3Si2	082326-12-3	33



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Data File : VV011122.D
Acq On : 30 May 2019 00:13
Operator : SY/MD
Sample : K3017-12
Misc : 2.97G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E5

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
(DEL) Alkane: Str...	1.80	9.8	ug/L	378861	1	5.66	968137	25.0
Butanal	3.74	1.9	ug/L	74389	1	5.66	968137	25.0
Butanal, 3-methyl-	5.37	1.4	ug/L	54623	1	5.66	968137	25.0
Pentanal	6.32	12.2	ug/L	470744	1	5.66	968137	25.0
Hexanal	8.28	58.2	ug/L	2466080	2	8.89	1059490	25.0
Furfural	9.25	2.0	ug/L	84827	2	8.89	1059490	25.0
1-Hexanol	9.52	2.0	ug/L	85664	2	8.89	1059490	25.0
Heptanal	9.85	2.9	ug/L	120877	2	8.89	1059490	25.0
2-Heptenal, (E)-	10.80	1.3	ug/L	33186	3	11.29	621153	25.0
3-Octanone	10.98	3.1	ug/L	76297	3	11.29	621153	25.0
Octanal	11.20	4.1	ug/L	100817	3	11.29	621153	25.0
2-Octenal, (E)-	12.05	3.7	ug/L	91494	3	11.29	621153	25.0
Nonanal	12.39	2.3	ug/L	56283	3	11.29	621153	25.0
unknown-02	14.09	3.0	ug/L	75777	3	11.29	621153	25.0