

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
 Data File : VV011044.D
 Acq On : 24 May 2019 01:20
 Operator : SY/MD
 Sample : K3016-09
 Misc : 5.11G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C8

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\SOM2VLM052019S.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	1.319	66	71	79	rVB	33905	33427	10.00%	1.177%
2	1.566	142	148	161	rVB	27451	31361	9.38%	1.104%
3	2.122	311	321	332	rVB	58037	82344	24.64%	2.899%
4	2.190	334	342	352	rVB	18418	26828	8.03%	0.945%
5	2.312	375	380	383	rBV4	1258	1368	0.41%	0.048%
6	2.460	419	426	440	rVB3	4148	6602	1.98%	0.232%
7	2.527	440	447	457	rBV5	2593	4230	1.27%	0.149%
8	2.688	495	497	500	rBV2	272	162	0.05%	0.006%
9	2.772	520	523	526	rBV2	276	220	0.07%	0.008%
10	2.849	543	547	550	rBV2	222	216	0.06%	0.008%
11	2.933	569	573	581	rBV2	243	361	0.11%	0.013%
12	2.987	583	590	592	rBV3	990	1026	0.31%	0.036%
13	3.068	605	615	624	rVB6	2711	5163	1.55%	0.182%
14	3.116	627	630	637	rBV2	286	444	0.13%	0.016%
15	3.161	640	644	651	rBV2	334	431	0.13%	0.015%
16	3.203	655	657	658	rBV	270	97	0.03%	0.003%
17	3.309	688	690	694	rBV2	150	150	0.04%	0.005%
18	3.408	717	721	725	rVB2	220	202	0.06%	0.007%
19	3.566	767	770	774	rVB	211	152	0.05%	0.005%
20	3.592	774	778	781	rBV2	180	204	0.06%	0.007%
21	3.621	785	787	790	rBV	129	113	0.03%	0.004%
22	3.711	813	815	817	rBV	195	114	0.03%	0.004%
23	3.746	818	826	843	rVB4	2775	6680	2.00%	0.235%
24	3.843	852	856	858	rBV2	294	218	0.07%	0.008%
25	3.933	873	884	912	rBV	19407	52119	15.60%	1.835%
26	4.209	968	970	972	rBV	157	86	0.03%	0.003%
27	4.228	973	976	978	rBV	191	116	0.03%	0.004%
28	4.286	988	994	997	rBV2	256	342	0.10%	0.012%
29	4.322	1002	1005	1009	rBV2	207	185	0.06%	0.007%
30	4.396	1010	1028	1049	rBV2	60916	146286	43.78%	5.150%
31	4.794	1151	1152	1156	rBV2	211	107	0.03%	0.004%
32	4.849	1166	1169	1175	rBV2	188	240	0.07%	0.008%
33	4.945	1195	1199	1200	rBV	248	184	0.06%	0.006%
34	4.981	1207	1210	1212	rBV2	178	105	0.03%	0.004%

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35	5.090	1227	1244	1262	rBV2	135239	334172	100.00%	11.765%
36	5.379	1322	1334	1339	rBV3	1368	2293	0.69%	0.081%
37	5.659	1408	1421	1440	rBV	112206	225551	67.50%	7.941%
38	5.891	1490	1493	1498	rBV2	188	210	0.06%	0.007%
39	5.910	1498	1499	1501	rVB	256	92	0.03%	0.003%
40	5.949	1506	1511	1515	rVV5	600	676	0.20%	0.024%
41	6.032	1535	1537	1540	rBV2	132	80	0.02%	0.003%
42	6.113	1549	1562	1596	rBV	83655	170647	51.07%	6.008%
43	6.244	1601	1603	1606	rVB	368	121	0.04%	0.004%
44	6.328	1618	1629	1648	rBV3	18119	36009	10.78%	1.268%
45	6.505	1681	1684	1686	rBV	211	171	0.05%	0.006%
46	6.595	1710	1712	1713	rBV	220	91	0.03%	0.003%
47	6.637	1722	1725	1726	rBV	296	154	0.05%	0.005%
48	6.743	1756	1758	1761	rVB	238	93	0.03%	0.003%
49	6.791	1768	1773	1775	rVB2	195	173	0.05%	0.006%
50	6.846	1787	1790	1792	rBV	145	103	0.03%	0.004%
51	6.894	1803	1805	1807	rBV	187	131	0.04%	0.005%
52	6.926	1812	1815	1818	rBV	242	248	0.07%	0.009%
53	6.974	1828	1830	1835	rBV2	186	142	0.04%	0.005%
54	7.026	1835	1846	1861	rBV	38196	67181	20.10%	2.365%
55	7.186	1886	1896	1900	rBV7	1224	1869	0.56%	0.066%
56	7.357	1931	1949	1968	rBV	137746	250776	75.04%	8.829%
57	7.575	2014	2017	2019	rBV	179	98	0.03%	0.003%
58	7.662	2034	2044	2066	rBV2	24867	42862	12.83%	1.509%
59	7.739	2066	2068	2071	rVV	375	225	0.07%	0.008%
60	7.759	2071	2074	2077	rVB2	702	443	0.13%	0.016%
61	7.817	2091	2092	2096	rBV	190	119	0.04%	0.004%
62	7.974	2133	2141	2151	rVB3	1025	1892	0.57%	0.067%
63	8.032	2156	2159	2161	rBV2	157	113	0.03%	0.004%
64	8.080	2171	2174	2175	rBV	140	100	0.03%	0.004%
65	8.129	2179	2189	2205	rBV	73832	126578	37.88%	4.456%
66	8.280	2225	2236	2258	rBV	199553	327488	98.00%	11.530%
67	8.476	2295	2297	2299	rBV	191	95	0.03%	0.003%
68	8.627	2342	2344	2346	rBV2	192	132	0.04%	0.005%
69	8.762	2383	2386	2391	rBV2	214	281	0.08%	0.010%
70	8.810	2397	2401	2404	rBV	292	262	0.08%	0.009%
71	8.894	2415	2427	2446	rBV	166454	273689	81.90%	9.636%

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72	9.125	2497	2499	2500	rBV	339	142	0.04%	0.005%
73	9.180	2510	2516	2521	rBV3	956	1173	0.35%	0.041%
74	9.267	2531	2543	2545	rBV5	1683	2896	0.87%	0.102%
75	9.469	2603	2606	2610	rBV	309	344	0.10%	0.012%
76	9.546	2624	2630	2632	rBV4	746	844	0.25%	0.030%
77	9.749	2690	2693	2696	rBV2	782	643	0.19%	0.023%
78	9.807	2708	2711	2713	rBV2	271	200	0.06%	0.007%
79	9.852	2716	2725	2737	rVV5	9598	15857	4.75%	0.558%
80	10.260	2841	2852	2870	rVB2	93841	147521	44.15%	5.194%
81	10.325	2870	2872	2875	rBV2	163	101	0.03%	0.004%
82	10.421	2896	2902	2913	rVB3	2811	3889	1.16%	0.137%
83	10.550	2935	2942	2943	rBV3	1287	1094	0.33%	0.039%
84	10.624	2960	2965	2972	rBV4	1115	1189	0.36%	0.042%
85	10.804	3016	3021	3022	rBV3	681	521	0.16%	0.018%
86	10.829	3027	3029	3031	rBV	224	72	0.02%	0.003%
87	10.948	3056	3066	3072	rBV5	6405	11879	3.55%	0.418%
88	11.196	3136	3143	3157	rVB3	7827	12412	3.71%	0.437%
89	11.292	3162	3173	3190	rVB	110174	182661	54.66%	6.431%
90	11.575	3254	3261	3272	rVB3	6379	9381	2.81%	0.330%
91	11.672	3280	3291	3304	rBV	100006	163066	48.80%	5.741%
92	11.826	3336	3339	3342	rBV2	291	220	0.07%	0.008%
93	12.051	3402	3409	3417	rVB3	2939	4391	1.31%	0.155%
94	12.116	3424	3429	3431	rBV	196	221	0.07%	0.008%
95	12.350	3499	3502	3503	rBV	244	152	0.05%	0.005%
96	12.392	3509	3515	3523	rBV5	6000	8174	2.45%	0.288%
97	12.717	3609	3616	3623	rBV5	1764	2533	0.76%	0.089%
98	13.189	3759	3763	3770	rVB4	521	649	0.19%	0.023%
99	13.485	3851	3855	3859	rVB3	589	467	0.14%	0.016%
100	15.189	4381	4385	4390	rBV2	380	431	0.13%	0.015%

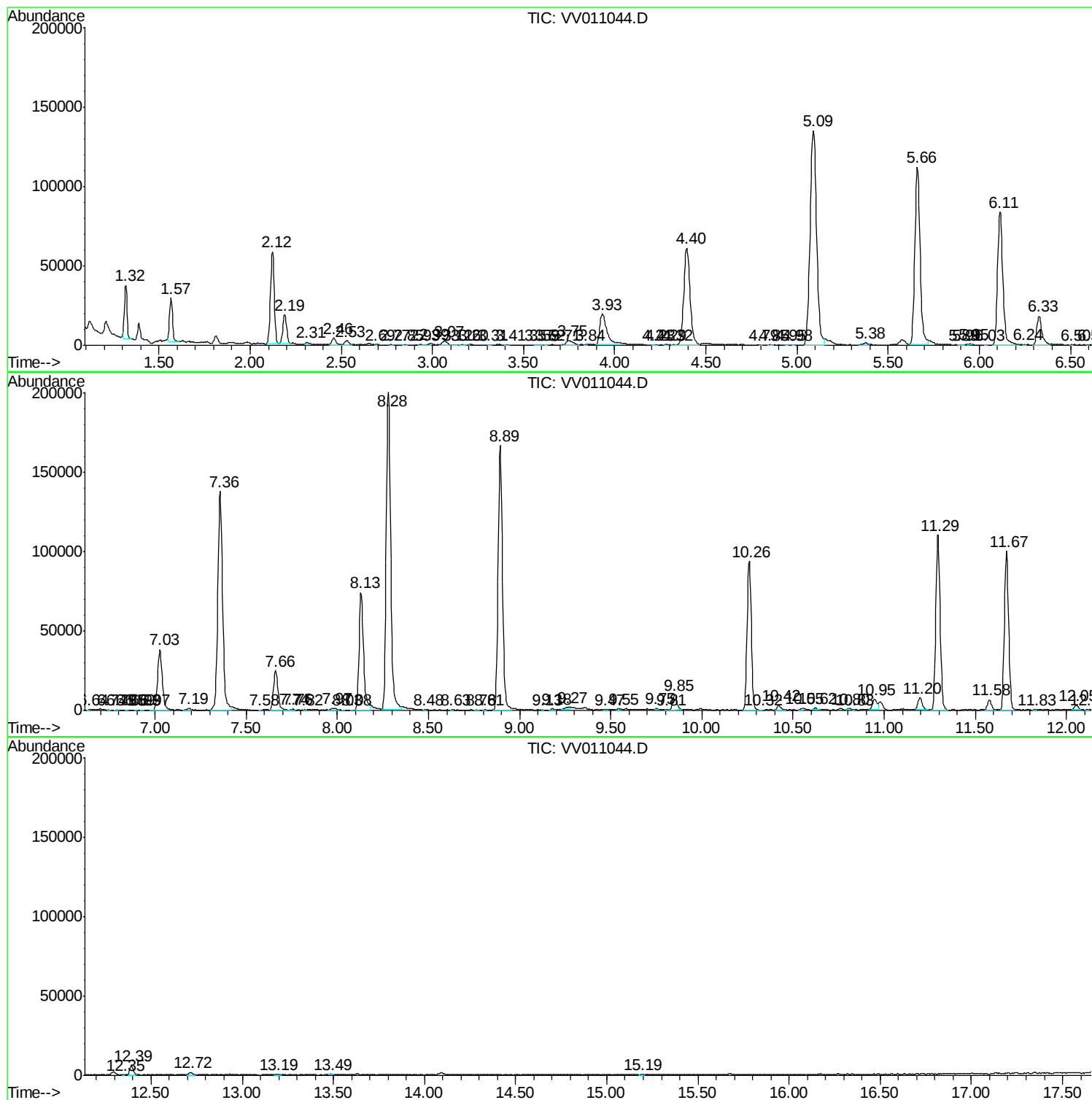
Sum of corrected areas: 2840366

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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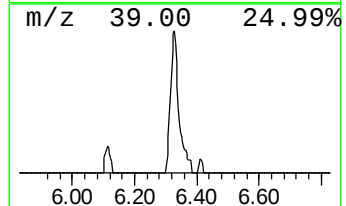
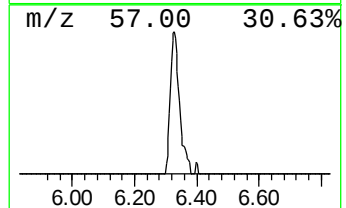
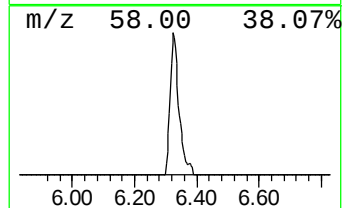
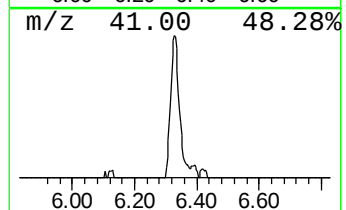
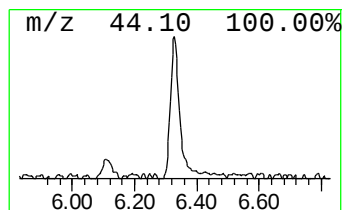
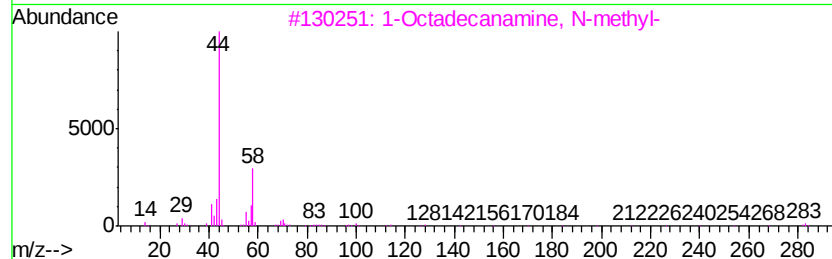
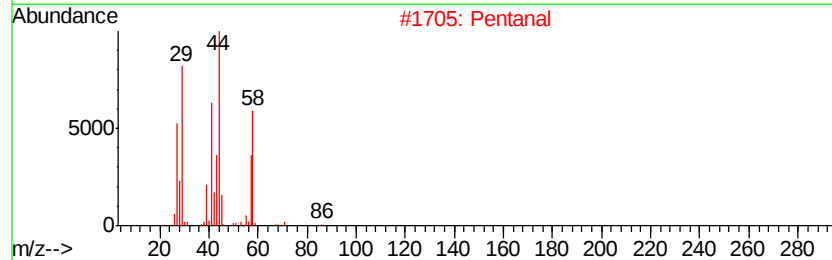
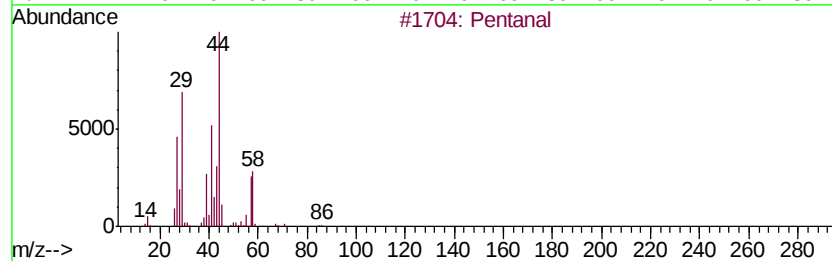
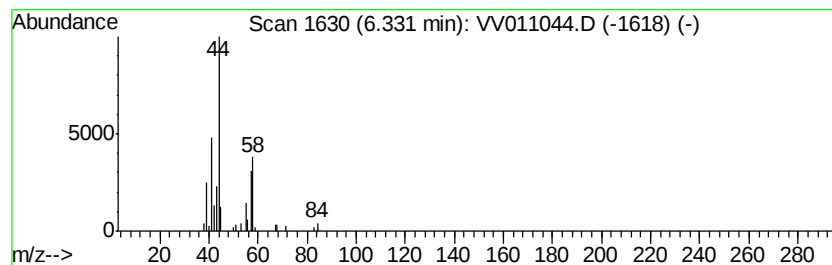
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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	3.99 ug/L	36009	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	78
2		Pentanal	86	C5H10O	000110-62-3	43
3		1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	40
4		Cyclopropyl carbinol	72	C4H8O	002516-33-8	38
5		Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	25



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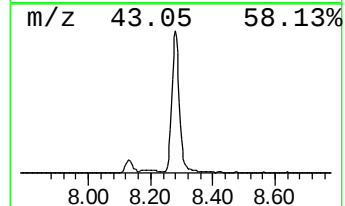
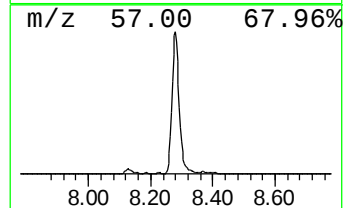
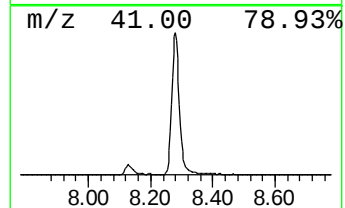
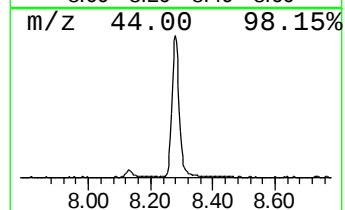
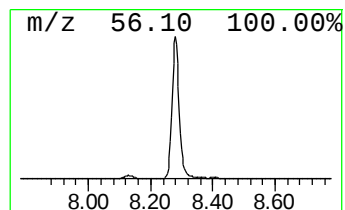
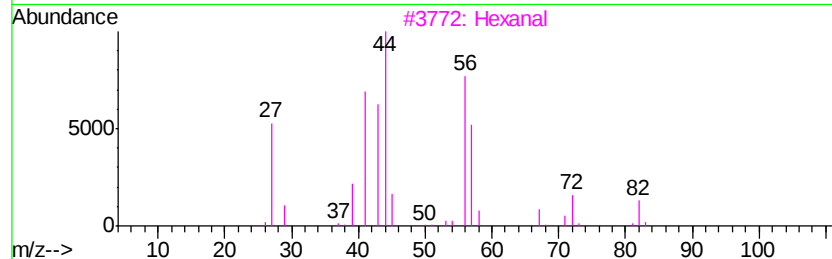
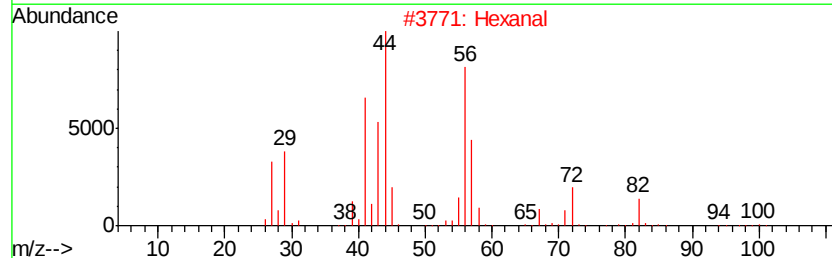
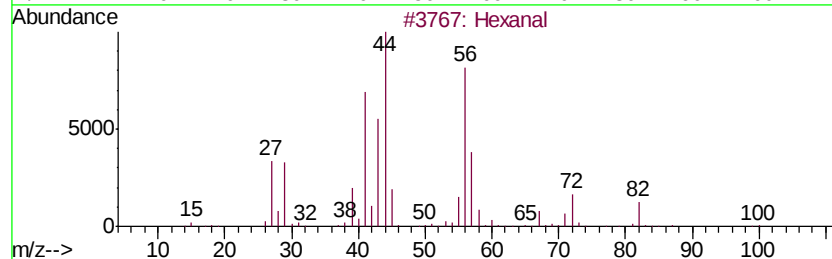
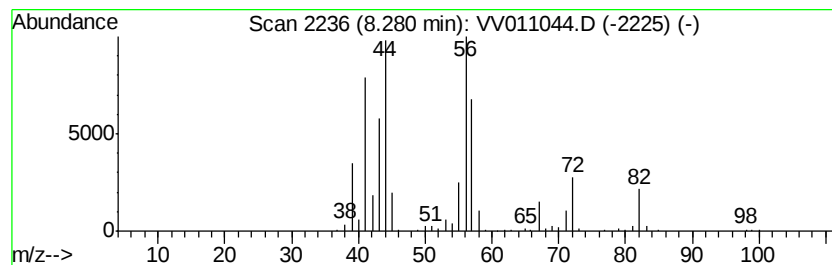
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Quant Title : VOC Analysis

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	29.91 ug/L	327488	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	91
2		Hexanal	100	C6H12O	000066-25-1	91
3		Hexanal	100	C6H12O	000066-25-1	90
4		Hexanal	100	C6H12O	000066-25-1	83
5		Glutaraldehyde	100	C5H8O2	000111-30-8	35



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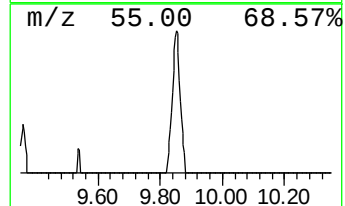
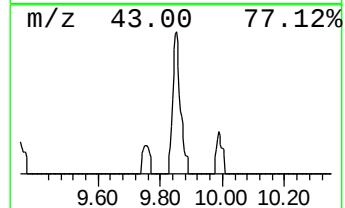
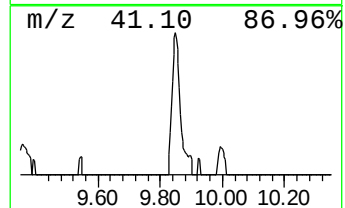
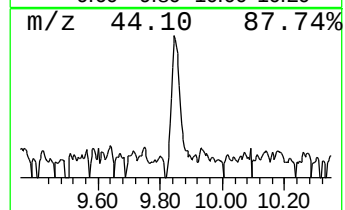
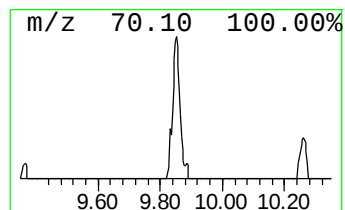
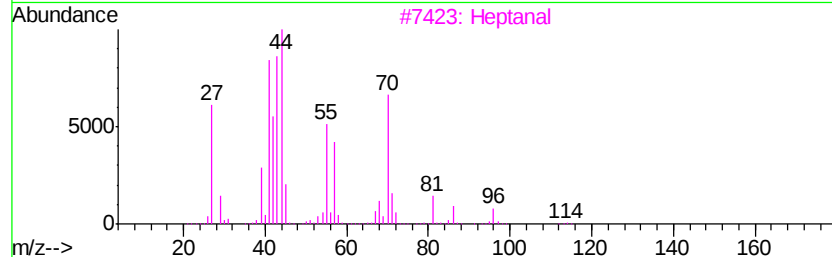
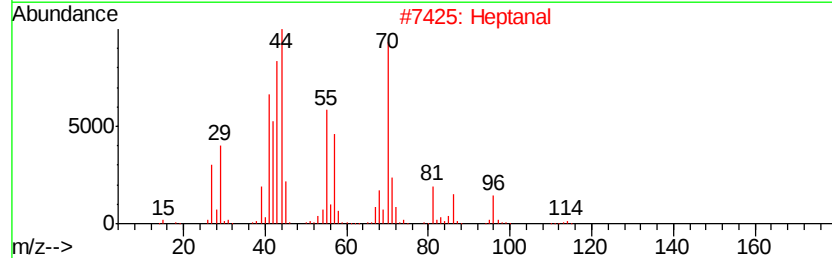
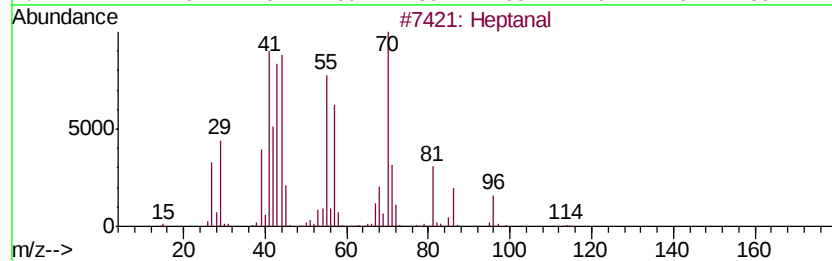
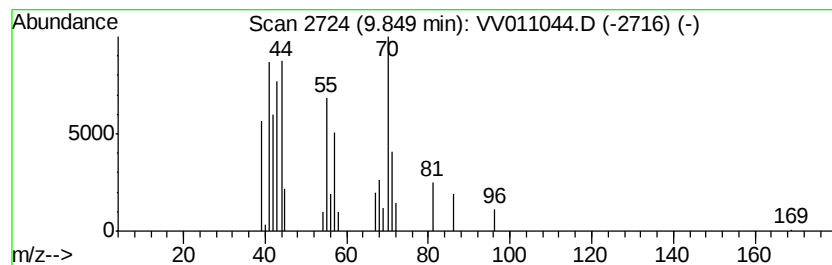
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Peak Number 4 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	1.45 ug/L	15857	Chlorobenzene-d5	8.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal		114	C7H14O	000111-71-7	86
2	Heptanal		114	C7H14O	000111-71-7	78
3	Heptanal		114	C7H14O	000111-71-7	72
4	Heptanal		114	C7H14O	000111-71-7	64
5	Heptanal		114	C7H14O	000111-71-7	64



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Misc : 5.11G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

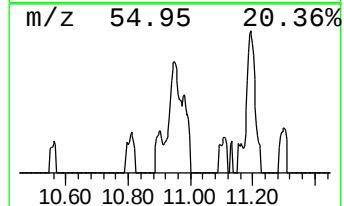
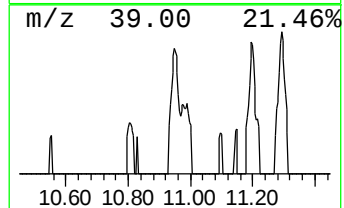
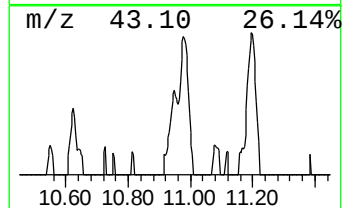
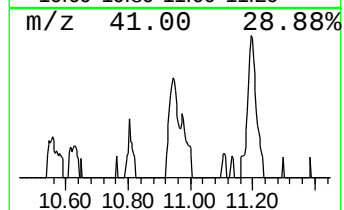
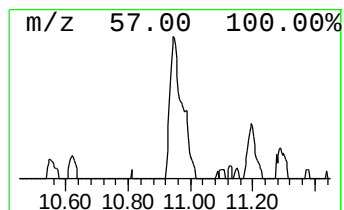
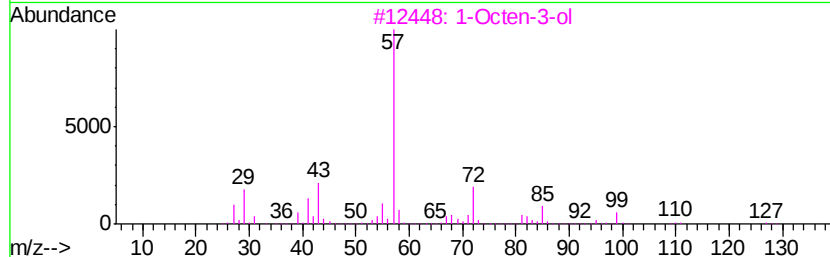
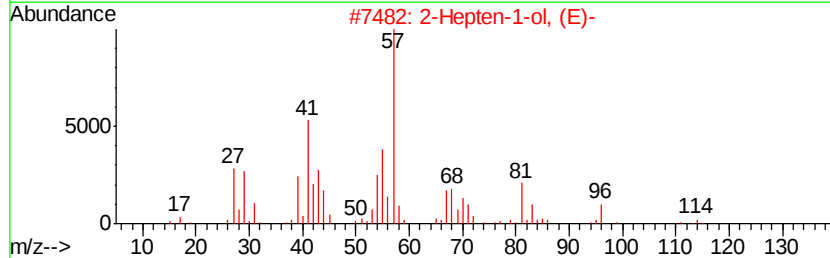
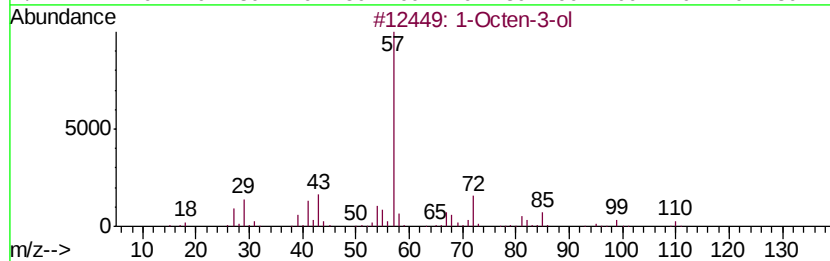
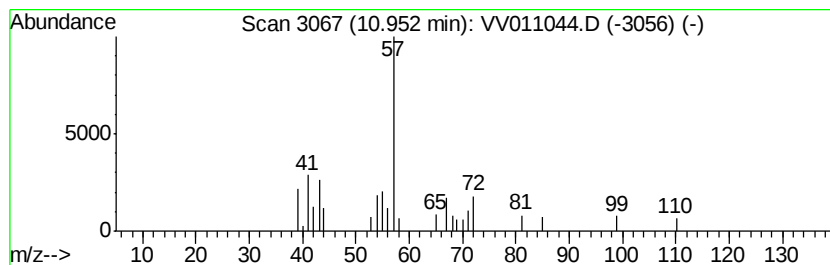
Instrument :
MSVOA_V
ClientSampled :
A51C8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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

Peak Number 5 1-Octen-3-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.95	1.63 ug/L	11879	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octen-3-ol	128	C8H16O	003391-86-4	59
2	2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	43
3	1-Octen-3-ol	128	C8H16O	003391-86-4	42
4	1-Hepten-3-ol	114	C7H14O	004938-52-7	33
5	2-Octen-1-ol, (Z)-	128	C8H16O	026001-58-1	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011044.D
Acq On : 24 May 2019 01:20
Operator : SY/MD
Sample : K3016-09
Misc : 5.11G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
A51C8

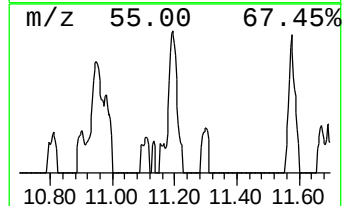
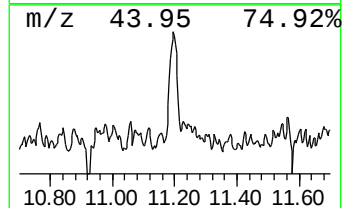
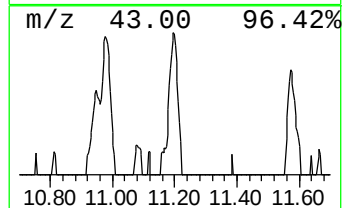
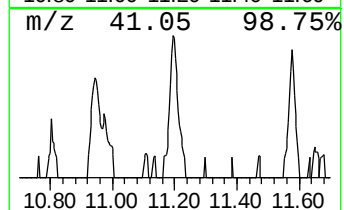
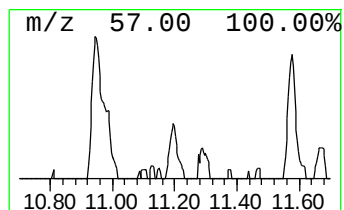
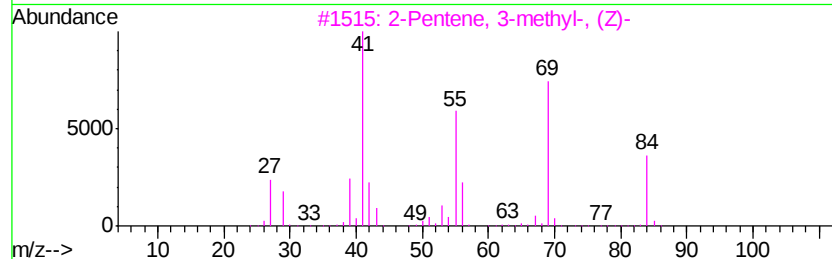
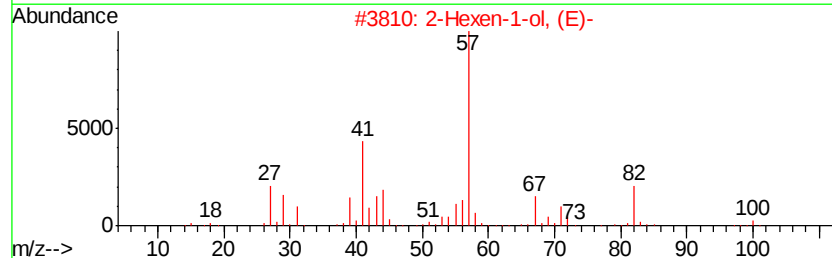
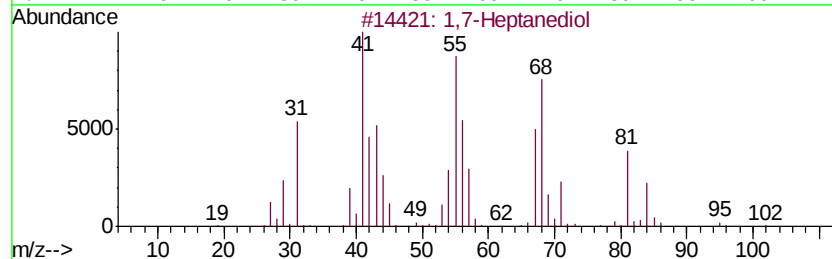
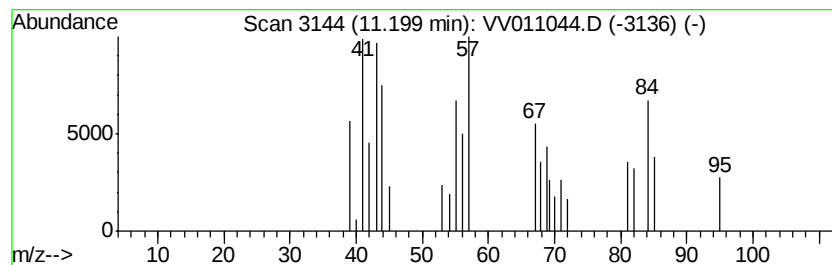
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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

Peak Number 6 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	1.70 ug/L	12412	1,4-Dichlorobenzene-d4	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,7-Heptanediol	132	C7H16O2	000629-30-1	37
2		2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	35
3		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	35
4		2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	32
5		Pentane, 3-methylene-	84	C6H12	000760-21-4	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011044.D
Acq On : 24 May 2019 01:20
Operator : SY/MD
Sample : K3016-09
Misc : 5.11G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C8

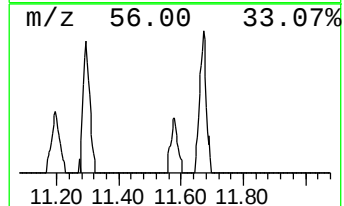
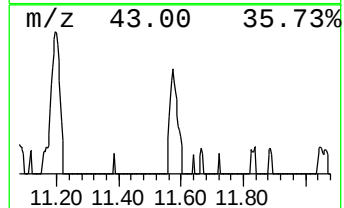
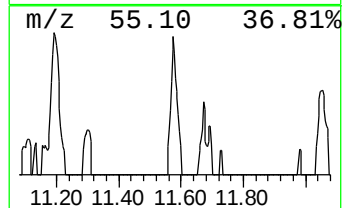
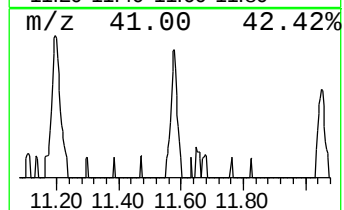
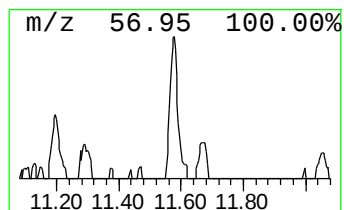
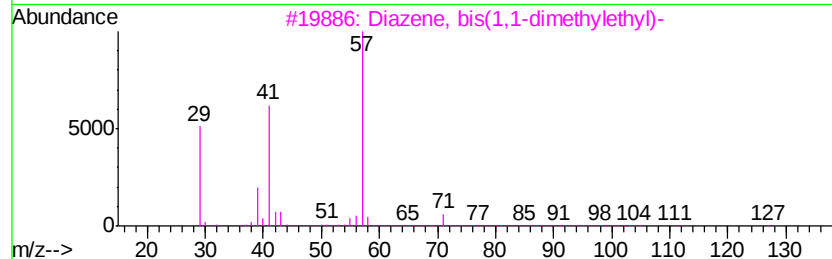
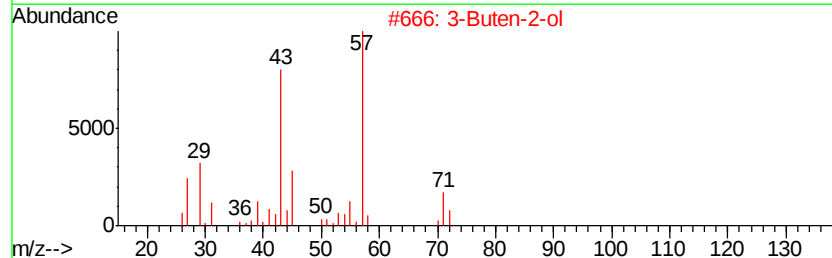
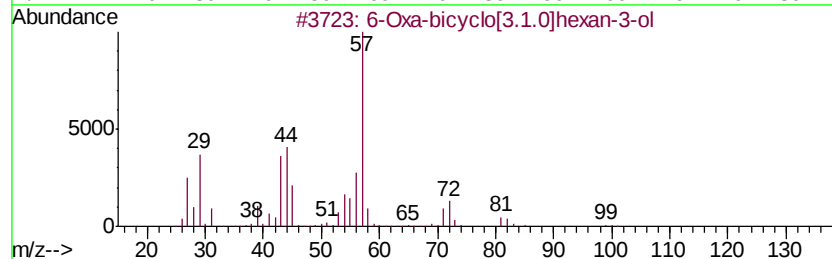
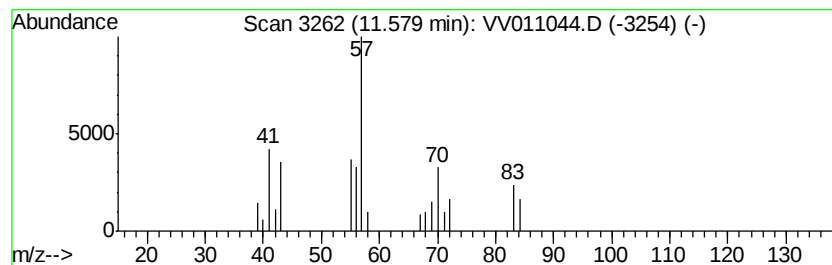
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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

Peak Number 7 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	1.28 ug/L	9381	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Oxa-bicyclo[3.1.0]hexan-3-ol	100	C5H8O2	025494-14-8	12
2		3-Buten-2-ol	72	C4H8O	000598-32-3	9
3		Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	9
4		Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	9
5		4-Pentenal	84	C5H8O	002100-17-6	9



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011044.D
Acq On : 24 May 2019 01:20
Operator : SY/MD
Sample : K3016-09
Misc : 5.11G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.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	36009	1	5.66	225551	25.0
Hexanal	8.28	29.9	ug/L	327488	2	8.89	273689	25.0
Heptanal	9.85	1.5	ug/L	15857	2	8.89	273689	25.0
1-Octen-3-ol	10.95	1.6	ug/L	11879	3	11.30	182661	25.0
unknown-01	11.20	1.7	ug/L	12412	3	11.30	182661	25.0
unknown-02	11.58	1.3	ug/L	9381	3	11.30	182661	25.0