

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
 Data File : VW011237.D
 Acq On : 12 Jul 2019 13:58
 Operator : SY/VA
 Sample : K3760-14
 Misc : 5.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Z4

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_W\METHOD\SOM2WLM070219S.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	1.959	6	9	20	rVB2	7204	15808	1.36%	0.198%
2	2.160	37	42	46	rBV4	2736	5617	0.48%	0.070%
3	2.349	67	73	83	rBV	73013	136417	11.75%	1.706%
4	2.885	153	161	173	rBV	47709	126012	10.85%	1.576%
5	3.379	235	242	256	rVB2	21056	54758	4.72%	0.685%
6	3.538	264	268	274	rBV7	1282	2684	0.23%	0.034%
7	3.855	311	320	327	rBV7	1682	5553	0.48%	0.069%
8	4.013	334	346	359	rBV	115880	398655	34.33%	4.986%
9	4.117	359	363	374	rVB	21719	58919	5.07%	0.737%
10	4.391	399	408	421	rBV2	11529	35032	3.02%	0.438%
11	4.611	439	444	450	rVV3	1183	2810	0.24%	0.035%
12	4.769	466	470	472	rBV3	393	564	0.05%	0.007%
13	4.897	486	491	492	rBV3	1537	1925	0.17%	0.024%
14	5.007	507	509	512	rVV3	467	571	0.05%	0.007%
15	5.153	529	533	535	rBV3	373	629	0.05%	0.008%
16	5.391	570	572	573	rBV2	792	690	0.06%	0.009%
17	5.415	573	576	580	rBV3	822	1391	0.12%	0.017%
18	5.629	609	611	615	rVB2	438	590	0.05%	0.007%
19	5.775	628	635	645	rVV8	2288	6849	0.59%	0.086%
20	5.927	651	660	671	rVB3	8423	25465	2.19%	0.319%
21	6.129	682	693	697	rBV6	595	2048	0.18%	0.026%
22	6.409	737	739	745	rVB2	446	575	0.05%	0.007%
23	6.452	745	746	751	rBV2	493	851	0.07%	0.011%
24	6.793	799	802	806	rBV2	480	692	0.06%	0.009%
25	6.982	822	833	840	rBV3	7150	21429	1.85%	0.268%
26	7.074	840	848	864	rBV	36201	112225	9.66%	1.404%
27	7.256	875	878	884	rVB7	1014	2208	0.19%	0.028%
28	7.433	899	907	913	rBV6	1484	4098	0.35%	0.051%
29	7.647	931	942	957	rBV	195192	483004	41.60%	6.041%
30	7.951	988	992	998	rVB6	2058	4154	0.36%	0.052%
31	8.037	1002	1006	1009	rBV3	451	859	0.07%	0.011%
32	8.275	1034	1045	1061	rVV2	388560	1161150	100.00%	14.524%
33	8.579	1089	1095	1108	rVB8	4896	13802	1.19%	0.173%
34	8.701	1108	1115	1122	rVB6	1987	4635	0.40%	0.058%

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35	8.842	1127	1138	1151	rBV	367300	737004	63.47%	9.218%
36	9.043	1163	1171	1172	rBV4	1255	2409	0.21%	0.030%
37	9.073	1174	1176	1182	rVB7	2583	4423	0.38%	0.055%
38	9.274	1200	1209	1218	rBV	287298	584251	50.32%	7.308%
39	9.463	1238	1240	1244	rVB3	879	866	0.07%	0.011%
40	9.658	1266	1272	1281	rVB7	2531	6457	0.56%	0.081%
41	9.817	1294	1298	1299	rBV3	431	525	0.05%	0.007%
42	9.939	1314	1318	1323	rVB5	513	863	0.07%	0.011%
43	10.030	1326	1333	1342	rBV	113946	213580	18.39%	2.671%
44	10.213	1359	1363	1367	rVB5	829	1401	0.12%	0.018%
45	10.323	1370	1381	1389	rBV	486197	853813	73.53%	10.679%
46	10.384	1389	1391	1393	rVV3	3980	5480	0.47%	0.069%
47	10.427	1394	1398	1406	rVV2	21651	35402	3.05%	0.443%
48	10.500	1407	1410	1415	rVB3	2563	4272	0.37%	0.053%
49	10.579	1415	1423	1433	rBV	71641	125654	10.82%	1.572%
50	10.707	1439	1444	1449	rBV2	2934	5344	0.46%	0.067%
51	10.780	1454	1456	1459	rVB2	732	696	0.06%	0.009%
52	10.859	1466	1469	1472	rVB3	1468	1293	0.11%	0.016%
53	10.927	1473	1480	1490	rBV	100926	176252	15.18%	2.205%
54	11.024	1490	1496	1512	rVB	237060	391645	33.73%	4.899%
55	11.183	1519	1522	1526	rVV3	427	606	0.05%	0.008%
56	11.244	1529	1532	1535	rBV4	383	570	0.05%	0.007%
57	11.311	1541	1543	1545	rVB3	603	538	0.05%	0.007%
58	11.506	1573	1575	1579	rBV4	543	672	0.06%	0.008%
59	11.628	1586	1595	1605	rBV	405951	694067	59.77%	8.681%
60	11.841	1622	1630	1637	rBV6	2413	5821	0.50%	0.073%
61	11.957	1647	1649	1652	rBV4	515	647	0.06%	0.008%
62	12.115	1671	1675	1678	rBV4	446	537	0.05%	0.007%
63	12.170	1678	1684	1690	rBV7	2802	6960	0.60%	0.087%
64	12.243	1691	1696	1704	rBV5	1838	4874	0.42%	0.061%
65	12.317	1706	1708	1710	rBV3	647	685	0.06%	0.009%
66	12.359	1714	1715	1720	rVB3	762	1008	0.09%	0.013%
67	12.475	1727	1734	1736	rBV6	1891	3667	0.32%	0.046%
68	12.609	1751	1756	1761	rVV4	4414	8469	0.73%	0.106%
69	12.695	1763	1770	1781	rVB	155271	261129	22.49%	3.266%
70	12.835	1791	1793	1798	rVB3	860	1116	0.10%	0.014%
71	12.884	1798	1801	1803	rBV3	1020	1396	0.12%	0.017%

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72	12.932	1804	1809	1811	rVV3	6711	10811	0.93%	0.135%
73	12.969	1811	1815	1822	rVB	15373	24747	2.13%	0.310%
74	13.158	1839	1846	1850	rBV4	7081	12487	1.08%	0.156%
75	13.213	1850	1855	1862	rVV	110830	169390	14.59%	2.119%
76	13.286	1862	1867	1875	rVV	43426	75614	6.51%	0.946%
77	13.371	1879	1881	1886	rVV2	2612	3672	0.32%	0.046%
78	13.432	1889	1891	1893	rBV3	631	567	0.05%	0.007%
79	13.457	1893	1895	1896	rBV2	823	829	0.07%	0.010%
80	13.560	1905	1912	1919	rVB	253645	408292	35.16%	5.107%
81	13.652	1923	1927	1934	rVV2	5450	10063	0.87%	0.126%
82	13.731	1938	1940	1943	rVB4	1023	913	0.08%	0.011%
83	13.853	1953	1960	1969	rVB	220623	362135	31.19%	4.530%
84	14.030	1986	1989	1992	rBV3	1261	1628	0.14%	0.020%
85	14.072	1993	1996	2006	rVB6	2550	5049	0.43%	0.063%
86	14.231	2014	2022	2026	rBV5	4638	9078	0.78%	0.114%
87	14.328	2032	2038	2044	rBV9	2879	5646	0.49%	0.071%
88	14.499	2057	2066	2068	rVV6	2869	5805	0.50%	0.073%
89	14.523	2068	2070	2076	rVB3	4532	6752	0.58%	0.084%
90	14.633	2084	2088	2090	rBV4	1348	1746	0.15%	0.022%
91	14.700	2096	2099	2100	rBV2	1148	1119	0.10%	0.014%
92	14.725	2100	2103	2110	rVB4	5693	8278	0.71%	0.104%
93	15.072	2151	2160	2166	rBV3	8641	17851	1.54%	0.223%
94	15.218	2177	2184	2188	rBV8	2155	4456	0.38%	0.056%
95	15.913	2295	2298	2300	rVB2	514	529	0.05%	0.007%
96	16.011	2311	2314	2316	rBV3	572	820	0.07%	0.010%
97	16.127	2331	2333	2336	rVB2	960	812	0.07%	0.010%
98	16.157	2336	2338	2340	rBV3	607	711	0.06%	0.009%
99	16.200	2340	2345	2346	rBV3	640	1077	0.09%	0.013%
100	16.395	2373	2377	2385	rVB5	2826	7006	0.60%	0.088%

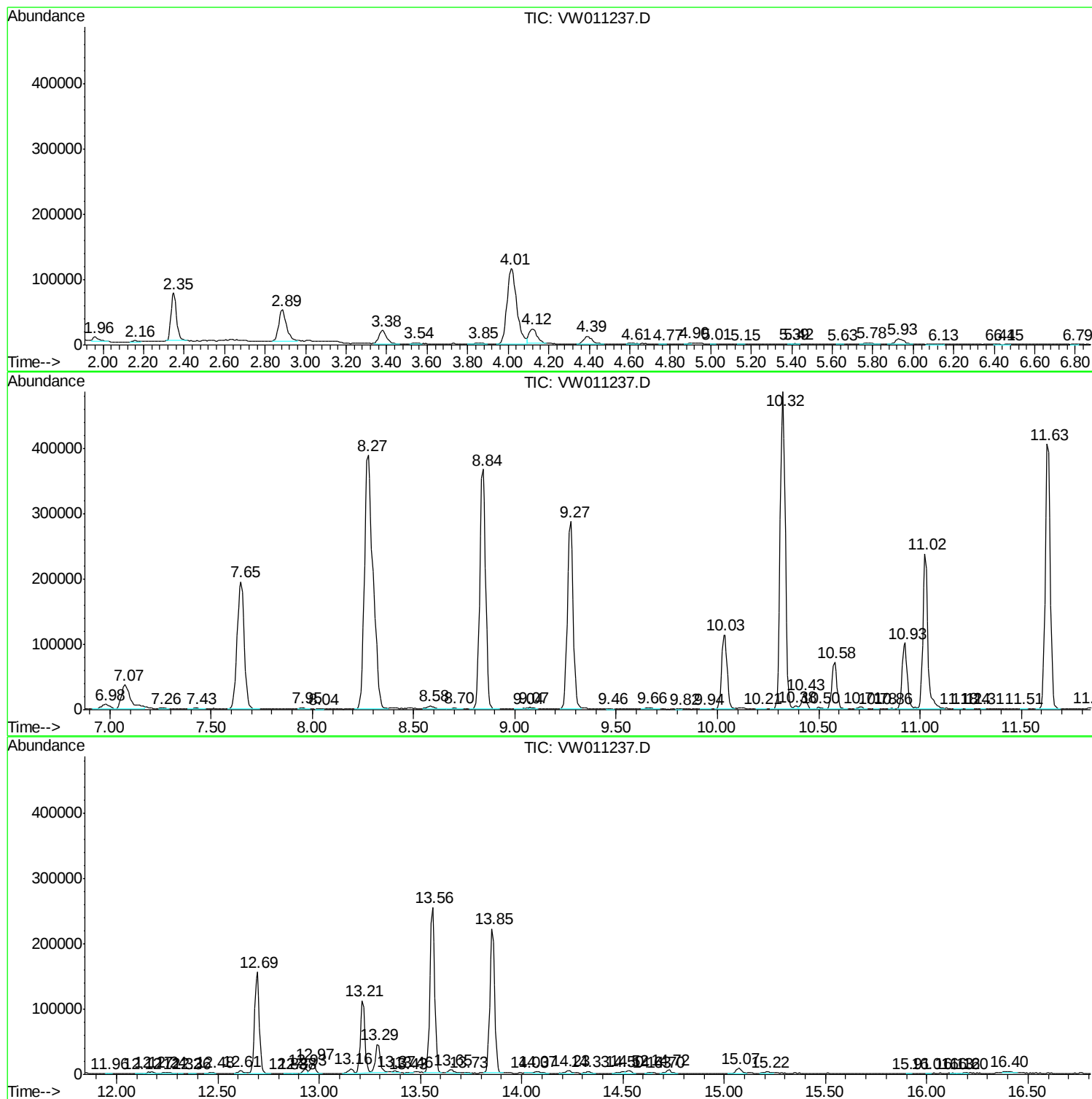
Sum of corrected areas: 7994944

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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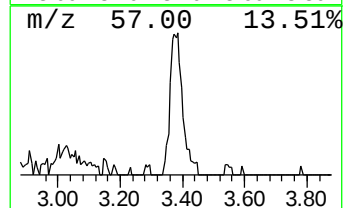
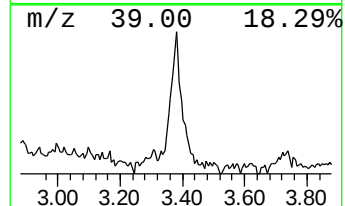
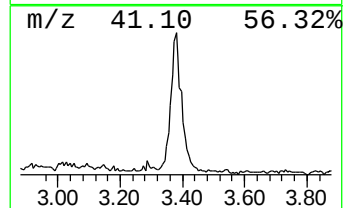
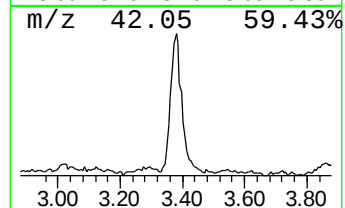
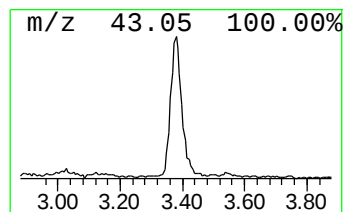
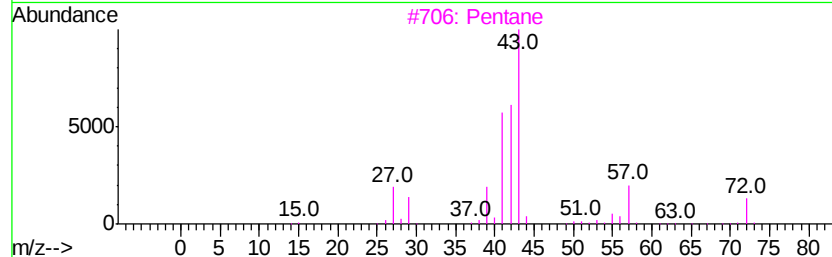
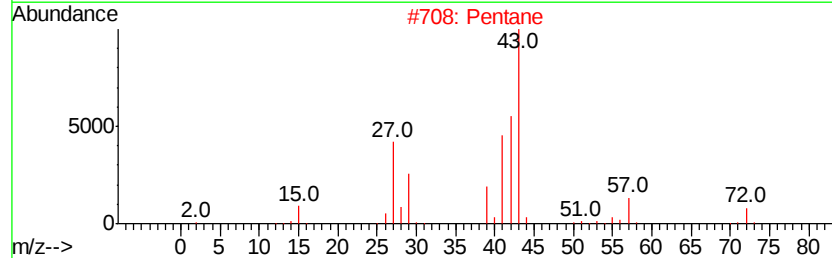
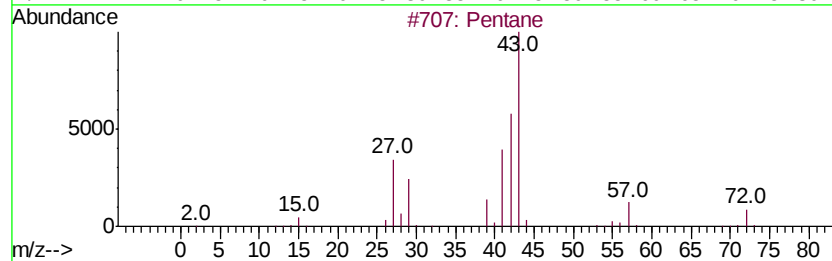
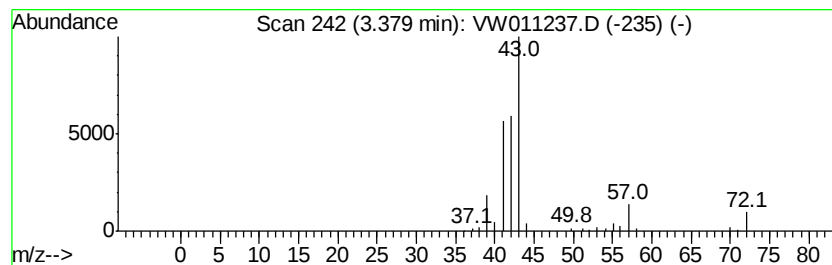
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	1.86 ug/L	54758	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	86
2		Pentane	72	C5H12	000109-66-0	86
3		Pentane	72	C5H12	000109-66-0	72
4		Pentane	72	C5H12	000109-66-0	64
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	50



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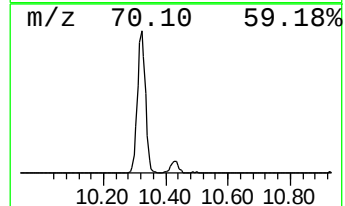
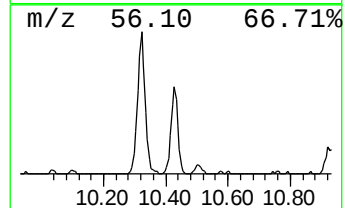
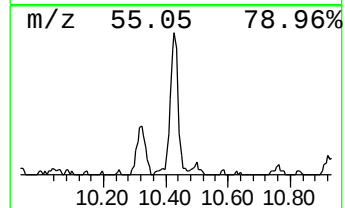
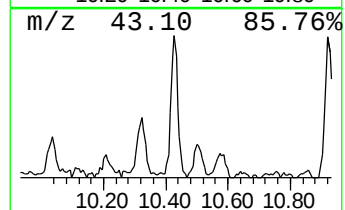
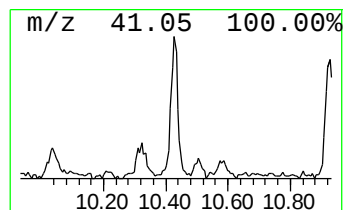
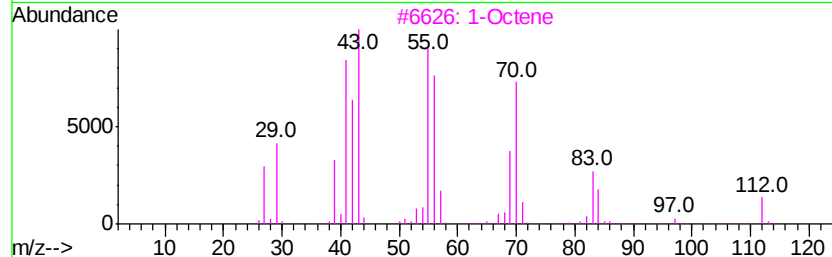
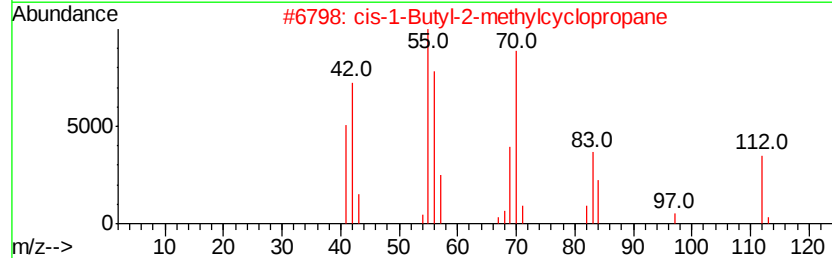
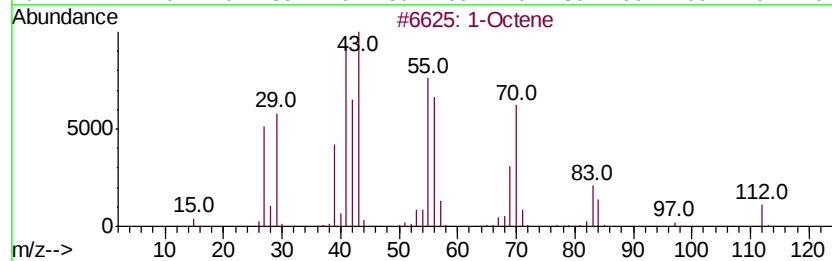
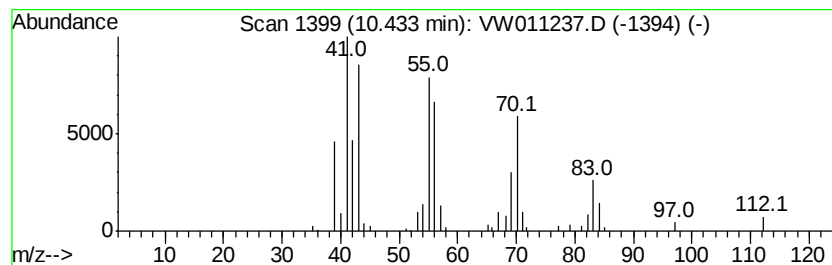
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic10.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	1.28 ug/L	35402	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octene	112	C8H16	000111-66-0	95
2		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	91
3		1-Octene	112	C8H16	000111-66-0	81
4		1-Octene	112	C8H16	000111-66-0	81
5		Cyclobutanone, 2,3,3-trimethyl-	112	C7H12O	028290-01-9	80



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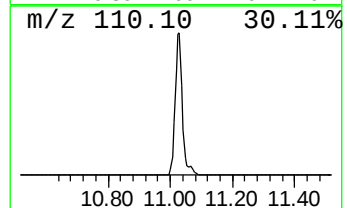
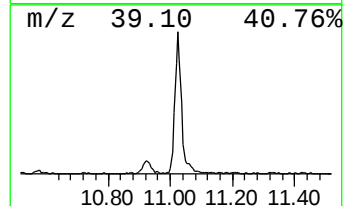
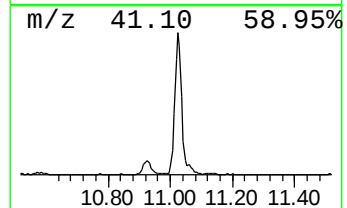
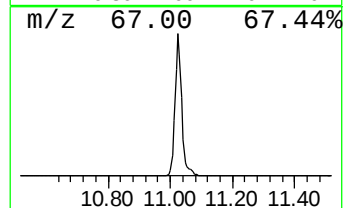
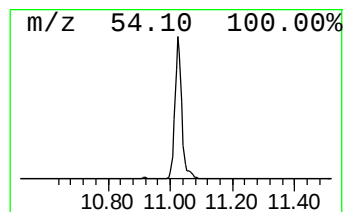
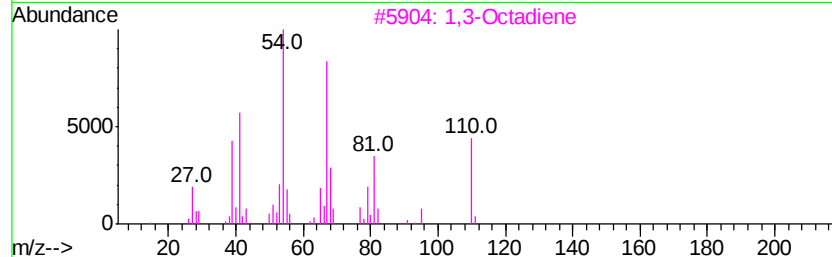
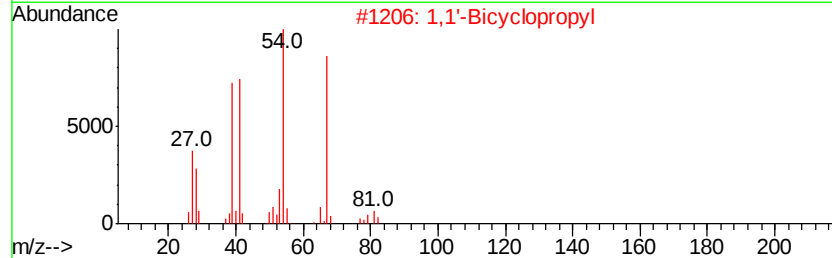
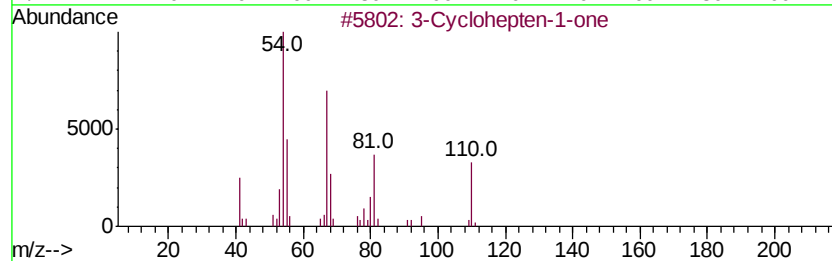
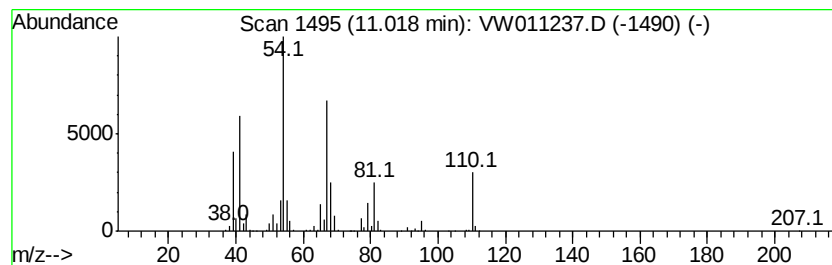
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Peak Number 4 3-Cyclohepten-1-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	14.11 ug/L	391645	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclohepten-1-one	110	C7H10O	001121-64-8	91
2		1,1'-Bicyclopropyl	82	C6H10	005685-46-1	78
3		1,3-Octadiene	110	C8H14	001002-33-1	74
4		Norbornadiene	110	C7H10O	010218-02-7	74
5		5-Hexen-1-ol	100	C6H12O	000821-41-0	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011237.D
Acq On : 12 Jul 2019 13:58
Operator : SY/VA
Sample : K3760-14
Misc : 5.22G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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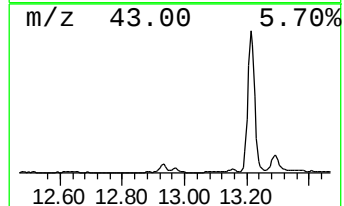
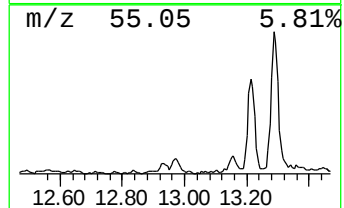
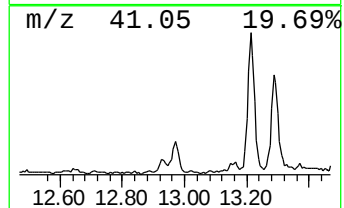
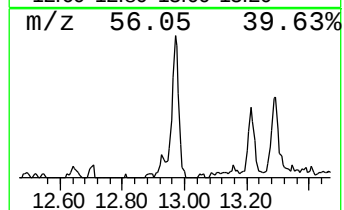
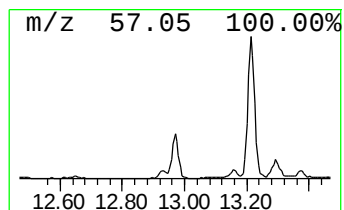
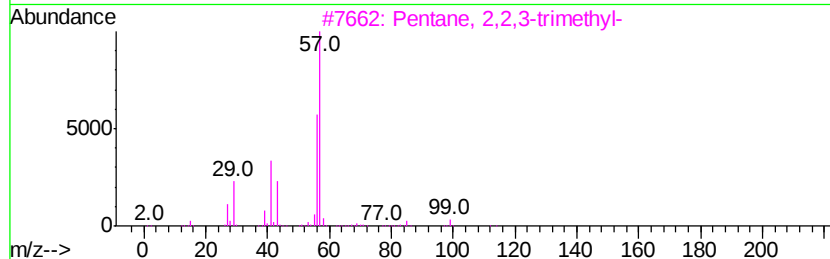
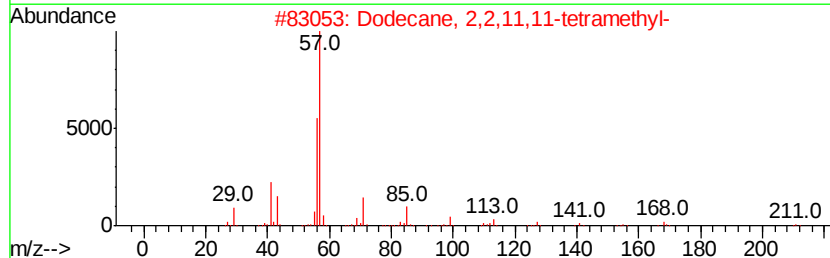
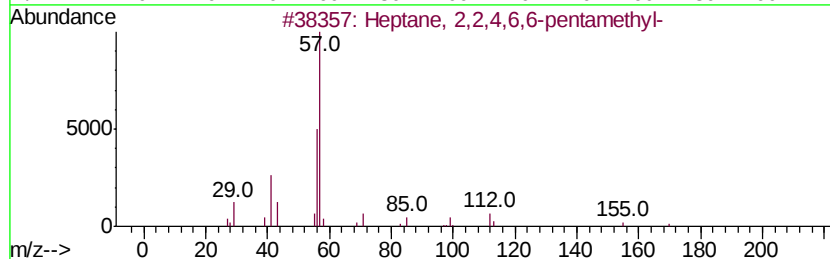
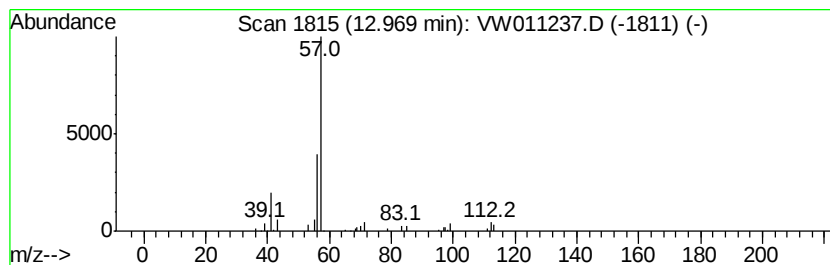
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	1.52 ug/L	24747	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59
2		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	38
3		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	9
4		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	9
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011237.D
Acq On : 12 Jul 2019 13:58
Operator : SY/VA
Sample : K3760-14
Misc : 5.22G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4

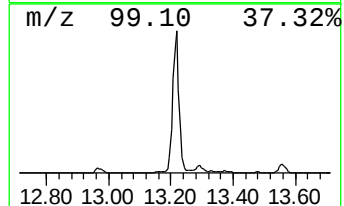
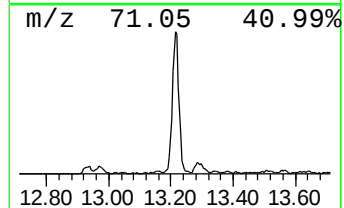
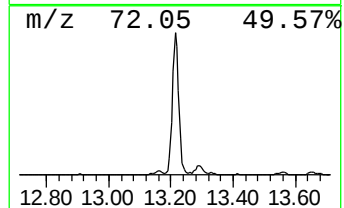
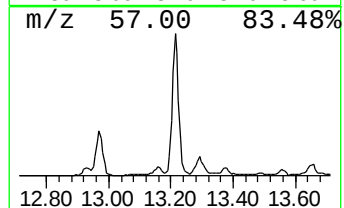
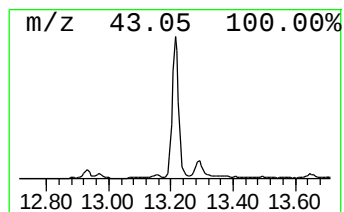
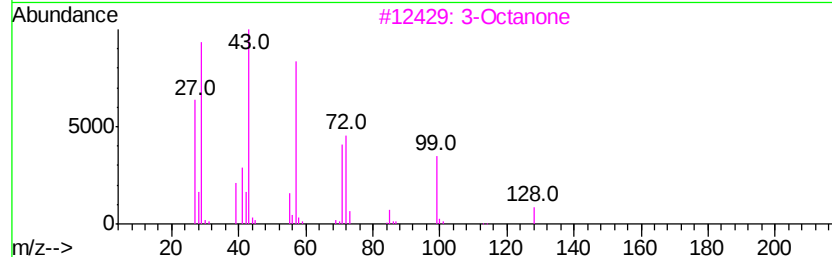
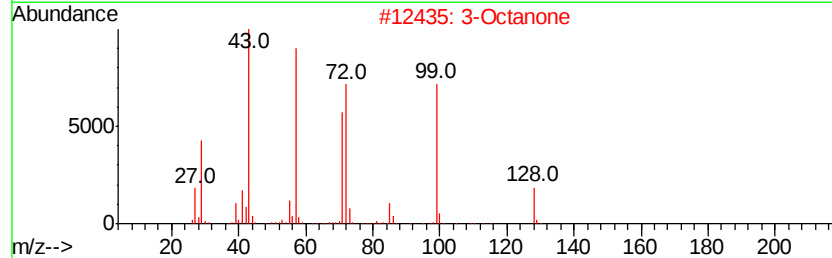
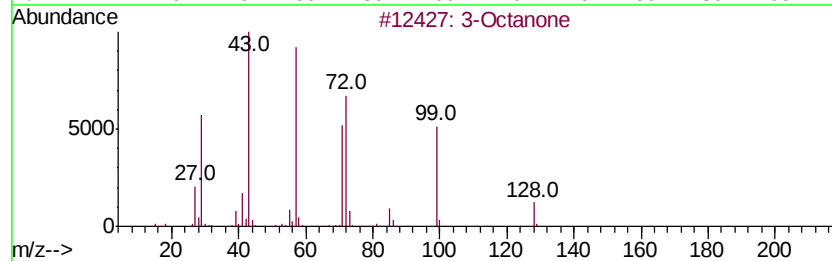
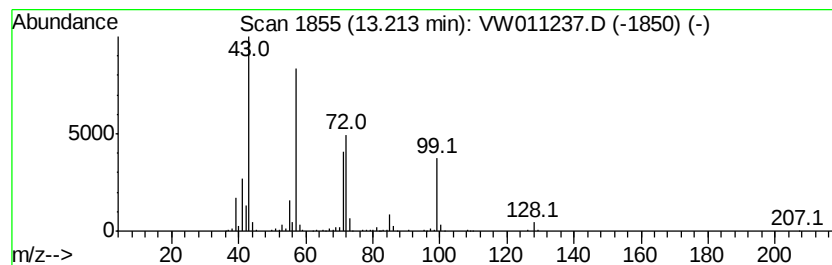
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Quant Title : VOC Analysis

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

Peak Number 6 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	10.37 ug/L	169390	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octanone	128	C8H16O	000106-68-3	91
2		3-Octanone	128	C8H16O	000106-68-3	78
3		3-Octanone	128	C8H16O	000106-68-3	74
4		4-Oxononanal	156	C9H16O2	1000314-10-4	50
5		2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011237.D
Acq On : 12 Jul 2019 13:58
Operator : SY/VA
Sample : K3760-14
Misc : 5.22G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4

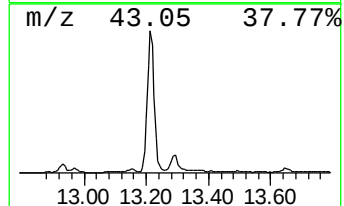
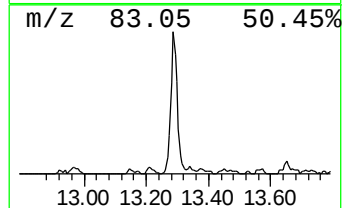
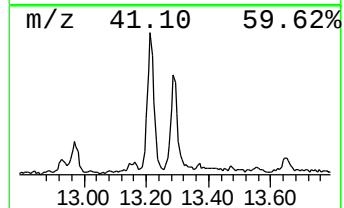
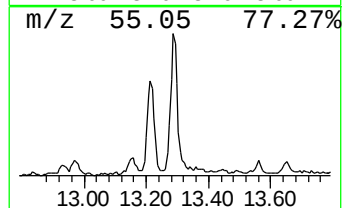
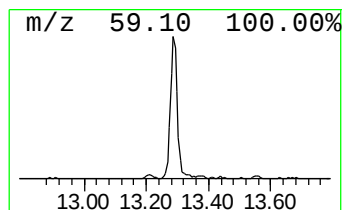
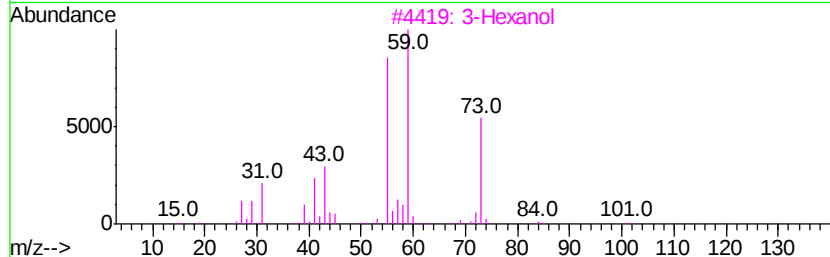
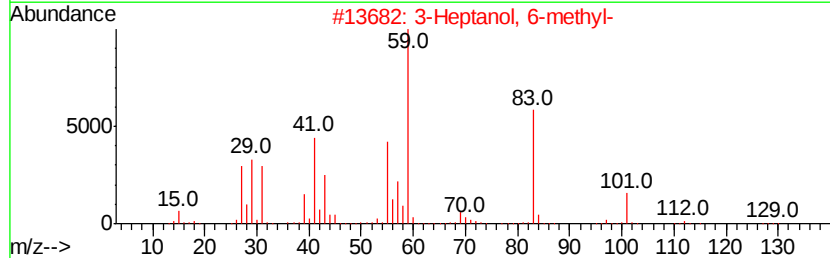
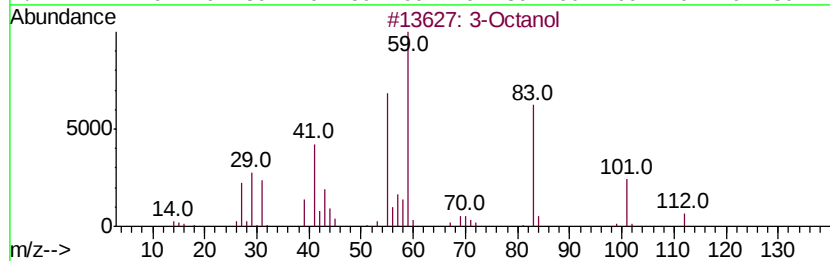
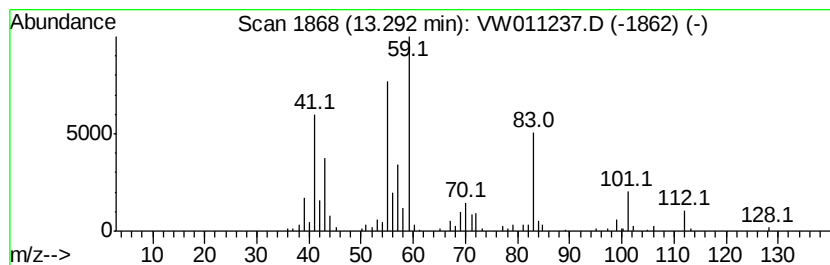
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 7 3-Octanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	4.63 ug/L	75614	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octanol	130	C8H18O	000589-98-0	64
2		3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	59
3		3-Hexanol	102	C6H14O	000623-37-0	43
4		3-Hexanol	102	C6H14O	000623-37-0	43
5		3-Hexanol	102	C6H14O	000623-37-0	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071319\
Data File : VW011237.D
Acq On : 12 Jul 2019 13:58
Operator : SY/VA
Sample : K3760-14
Misc : 5.22G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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...	3.38	1.9	ug/L	54758	1	8.84	737004	25.0
(DEL) Alkane: Cyc...	10.43	1.3	ug/L	35402	2	11.63	694067	25.0
3-Cyclohepten-1-one	11.02	14.1	ug/L	391645	2	11.63	694067	25.0
(DEL) Alkane: Str...	12.97	1.5	ug/L	24747	3	13.56	408292	25.0
3-Octanone	13.21	10.4	ug/L	169390	3	13.56	408292	25.0
3-Octanol	13.29	4.6	ug/L	75614	3	13.56	408292	25.0