

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\
 Data File : VW011899.D
 Acq On : 13 Aug 2019 17:00
 Operator : SY/VA
 Sample : K4215-12RE
 Misc : 3.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC3RE

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\SOM2WLM073019S.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	5	9	22	rVB2	10058	23345	1.80%	0.271%
2	2.154	35	41	52	rBV2	28038	60671	4.69%	0.704%
3	2.349	65	73	82	rBV	96378	177100	13.68%	2.054%
4	2.885	154	161	176	rVB	59394	145383	11.23%	1.686%
5	3.026	177	184	193	rBV	19910	47824	3.69%	0.555%
6	3.215	213	215	218	rBV3	553	561	0.04%	0.007%
7	3.385	235	243	257	rVB	29983	75803	5.86%	0.879%
8	3.580	268	275	282	rVB8	2348	6558	0.51%	0.076%
9	3.666	287	289	291	rBV2	1405	1487	0.11%	0.017%
10	3.739	299	301	304	rBV4	801	968	0.07%	0.011%
11	3.855	314	320	327	rVV6	3747	10018	0.77%	0.116%
12	4.019	336	347	360	rBV	138253	438218	33.85%	5.083%
13	4.129	360	365	375	rVB2	6802	20749	1.60%	0.241%
14	4.257	384	386	390	rVB3	408	485	0.04%	0.006%
15	4.373	402	405	406	rBV3	466	484	0.04%	0.006%
16	4.397	406	409	413	rVB5	484	788	0.06%	0.009%
17	4.769	457	470	480	rBV6	3908	14787	1.14%	0.172%
18	4.922	480	495	513	rBV5	21695	115843	8.95%	1.344%
19	5.324	560	561	565	rBV3	450	577	0.04%	0.007%
20	5.434	566	579	592	rBV3	12158	43896	3.39%	0.509%
21	5.549	596	598	601	rVB3	599	514	0.04%	0.006%
22	5.690	617	621	622	rBV	639	566	0.04%	0.007%
23	5.751	622	631	642	rBV7	3556	12324	0.95%	0.143%
24	5.940	650	662	674	rBV3	25752	80389	6.21%	0.933%
25	6.104	682	689	690	rBV6	1877	3307	0.26%	0.038%
26	6.190	700	703	704	rBV3	524	553	0.04%	0.006%
27	6.214	704	707	708	rBV2	833	990	0.08%	0.011%
28	6.275	713	717	718	rBV3	971	1129	0.09%	0.013%
29	6.366	730	732	735	rBV	629	593	0.05%	0.007%
30	6.427	738	742	743	rBV4	727	994	0.08%	0.012%
31	6.549	757	762	763	rBV2	899	1361	0.11%	0.016%
32	6.726	782	791	793	rBV5	1618	3464	0.27%	0.040%
33	6.872	811	815	817	rBV2	900	1338	0.10%	0.016%
34	6.976	830	832	840	rVB6	1374	2213	0.17%	0.026%

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35	7.080	840	849	855	rBV	51826	145706	11.26%	1.690%
36	7.403	896	902	903	rBV4	1040	1444	0.11%	0.017%
37	7.421	903	905	911	rVB6	1133	1716	0.13%	0.020%
38	7.537	916	924	930	rVB9	1540	4070	0.31%	0.047%
39	7.647	930	942	960	rBV	214327	541047	41.79%	6.276%
40	7.848	969	975	981	rBV6	2928	7379	0.57%	0.086%
41	7.927	982	988	996	rBV3	5661	14432	1.11%	0.167%
42	8.153	1017	1025	1034	rBV	13478	31021	2.40%	0.360%
43	8.275	1034	1045	1062	rBV2	429640	1294579	100.00%	15.018%
44	8.518	1081	1085	1090	rVB3	3070	5954	0.46%	0.069%
45	8.598	1094	1098	1107	rVB9	3406	8053	0.62%	0.093%
46	8.695	1107	1114	1127	rVB3	9241	21714	1.68%	0.252%
47	8.842	1129	1138	1149	rBV	429671	855479	66.08%	9.924%
48	8.933	1151	1153	1156	rBV4	644	595	0.05%	0.007%
49	9.000	1159	1164	1169	rVB6	1606	2963	0.23%	0.034%
50	9.079	1169	1177	1189	rVB6	2752	9724	0.75%	0.113%
51	9.274	1199	1209	1225	rBV	312887	635569	49.09%	7.373%
52	9.427	1231	1234	1237	rVB4	625	608	0.05%	0.007%
53	9.518	1242	1249	1255	rVB7	2411	5654	0.44%	0.066%
54	9.671	1266	1274	1276	rBV5	2654	5372	0.41%	0.062%
55	9.744	1282	1286	1292	rVB4	3462	6635	0.51%	0.077%
56	9.817	1292	1298	1301	rBV4	1332	2957	0.23%	0.034%
57	9.957	1315	1321	1324	rBV5	1958	3811	0.29%	0.044%
58	10.036	1327	1334	1341	rVV	144407	259150	20.02%	3.006%
59	10.256	1366	1370	1371	rBV4	916	1233	0.10%	0.014%
60	10.323	1373	1381	1388	rBV	508173	897194	69.30%	10.408%
61	10.506	1408	1411	1416	rVB4	4111	6334	0.49%	0.073%
62	10.579	1416	1423	1437	rVB	89667	157959	12.20%	1.832%
63	10.701	1437	1443	1452	rBV	14193	26801	2.07%	0.311%
64	10.768	1452	1454	1455	rBV	1194	679	0.05%	0.008%
65	10.853	1462	1468	1473	rBV7	2016	4650	0.36%	0.054%
66	10.927	1473	1480	1492	rBV	170192	296935	22.94%	3.445%
67	11.067	1497	1503	1509	rVV	23774	41977	3.24%	0.487%
68	11.225	1526	1529	1532	rBV5	1369	1747	0.13%	0.020%
69	11.439	1561	1564	1571	rVB9	3029	5765	0.45%	0.067%
70	11.518	1573	1577	1580	rBV6	1222	2287	0.18%	0.027%
71	11.634	1588	1596	1607	rVB	441922	766621	59.22%	8.893%

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72	11.731	1608	1612	1617	rVB4	3899	6380	0.49%	0.074%
73	11.835	1625	1629	1639	rVB6	6353	14445	1.12%	0.168%
74	12.170	1679	1684	1691	rVB4	3791	8781	0.68%	0.102%
75	12.335	1709	1711	1717	rBV6	1459	2036	0.16%	0.024%
76	12.469	1728	1733	1740	rVV3	9906	17134	1.32%	0.199%
77	12.609	1750	1756	1761	rBV2	17215	28702	2.22%	0.333%
78	12.695	1763	1770	1777	rVB	192962	327636	25.31%	3.801%
79	12.749	1777	1779	1780	rBV2	1432	1008	0.08%	0.012%
80	12.853	1795	1796	1798	rBV2	1264	1294	0.10%	0.015%
81	12.932	1805	1809	1816	rVB3	7902	13977	1.08%	0.162%
82	13.097	1834	1836	1838	rBV3	1059	1358	0.10%	0.016%
83	13.249	1856	1861	1862	rBV4	2224	2607	0.20%	0.030%
84	13.298	1865	1869	1877	rVV10	4167	11962	0.92%	0.139%
85	13.560	1905	1912	1924	rVB	218873	363345	28.07%	4.215%
86	13.652	1925	1927	1929	rBV3	1428	978	0.08%	0.011%
87	13.761	1943	1945	1948	rVB4	2506	2387	0.18%	0.028%
88	13.853	1953	1960	1969	rBV	224289	374631	28.94%	4.346%
89	14.072	1991	1996	2002	rVB	16410	27041	2.09%	0.314%
90	14.176	2011	2013	2014	rBV	769	709	0.05%	0.008%
91	14.328	2035	2038	2045	rVB9	2986	5374	0.42%	0.062%
92	14.426	2052	2054	2058	rVB5	1555	1610	0.12%	0.019%
93	14.462	2058	2060	2061	rVB2	806	515	0.04%	0.006%
94	14.645	2088	2090	2092	rBV3	947	990	0.08%	0.011%
95	14.786	2111	2113	2118	rBV4	1085	1892	0.15%	0.022%
96	15.438	2215	2220	2224	rBV2	14781	23030	1.78%	0.267%
97	15.499	2226	2230	2236	rVB2	4701	7468	0.58%	0.087%
98	16.255	2353	2354	2356	rBV2	849	701	0.05%	0.008%
99	16.566	2403	2405	2407	rBV3	557	538	0.04%	0.006%
100	16.657	2417	2420	2422	rBV4	1008	805	0.06%	0.009%

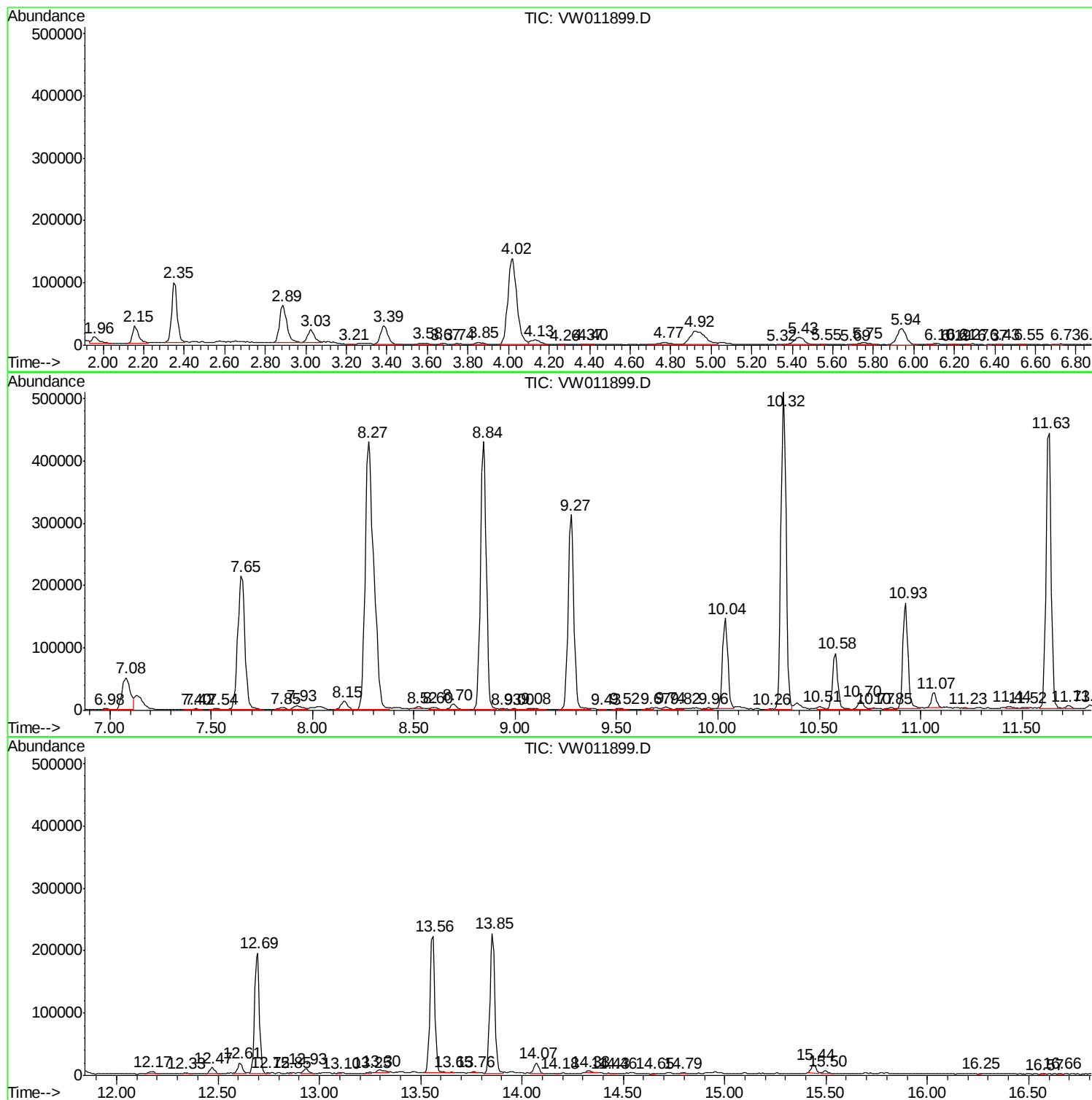
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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



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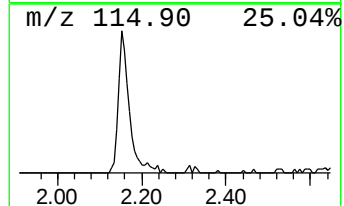
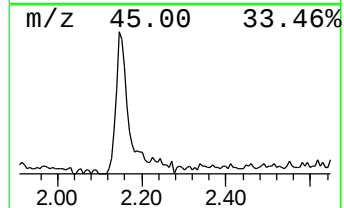
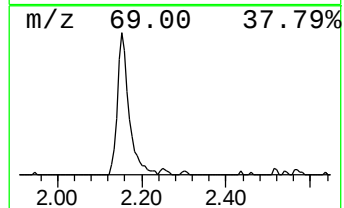
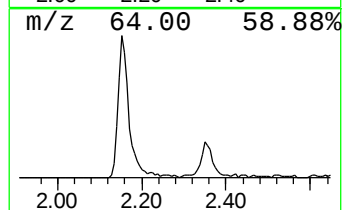
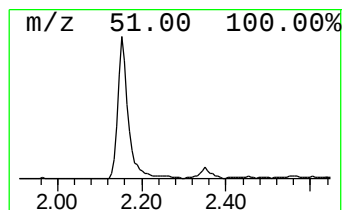
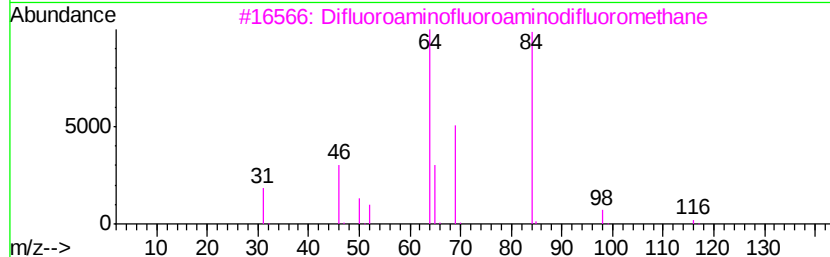
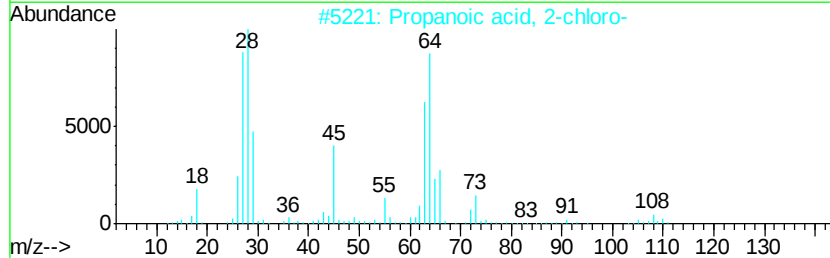
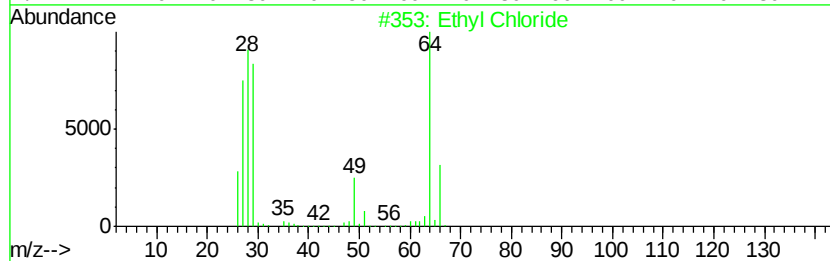
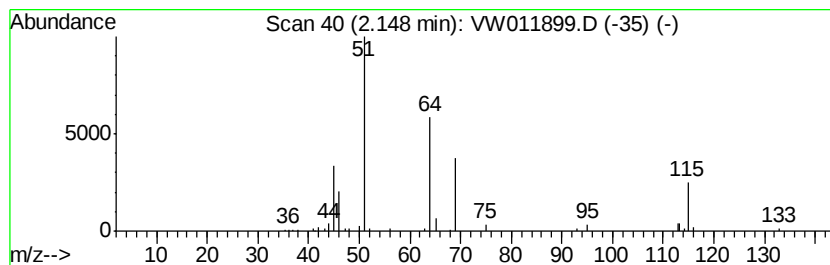
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.77 ug/L	60671	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Chloride	64	C2H5Cl	000075-00-3	9
2		Propanoic acid, 2-chloro-	108	C3H5ClO2	000598-78-7	9
3		Difluoroaminofluoroaminodifluoro...	136	CHF5N2	037931-37-6	9
4		Isoflurane	184	C3H2ClF5O	026675-46-7	9
5		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7



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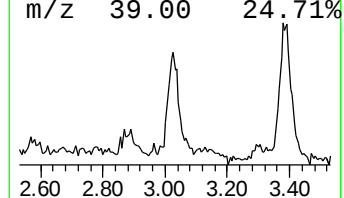
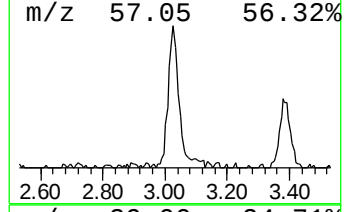
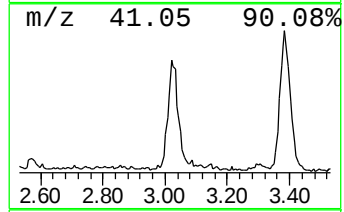
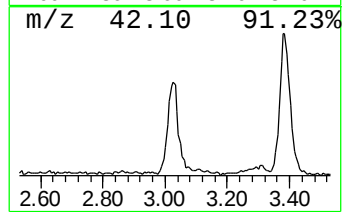
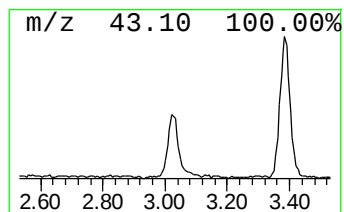
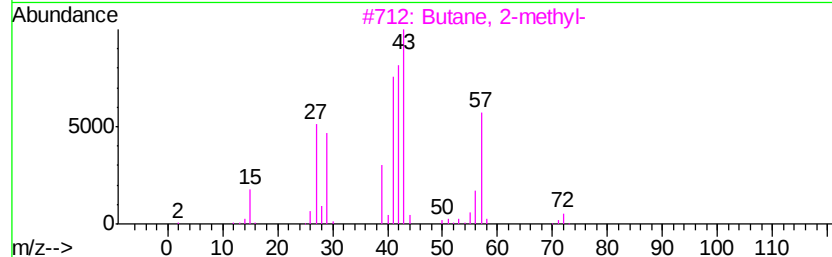
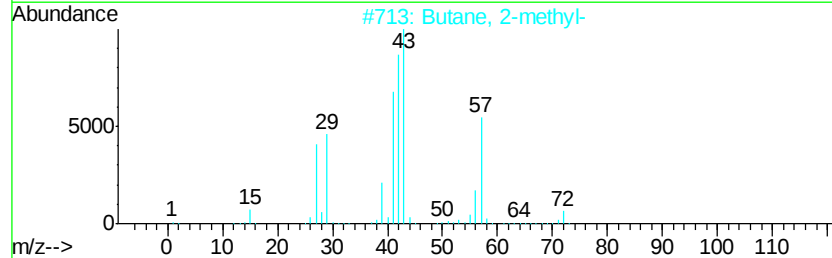
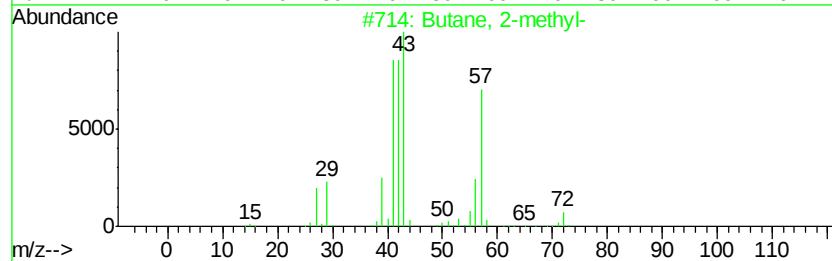
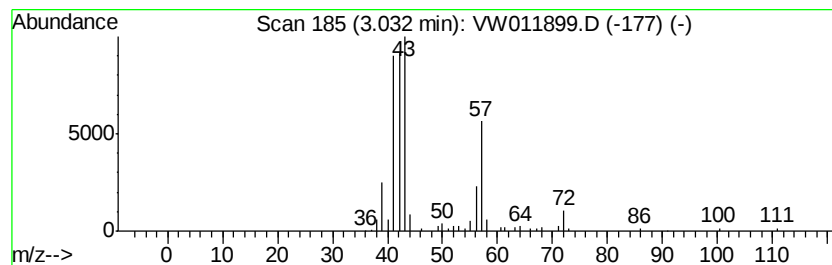
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	1.40 ug/L	47824	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	91
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		3-Buten-1-ol	72	C4H8O	000627-27-0	43
5		Pentane	72	C5H12	000109-66-0	42



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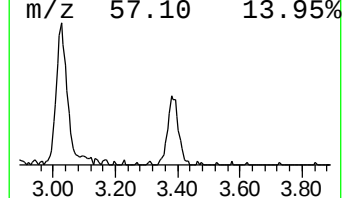
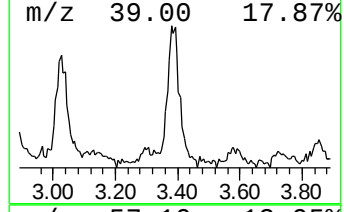
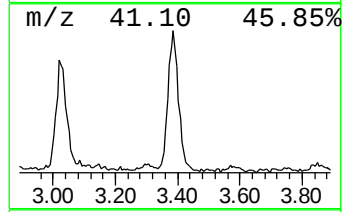
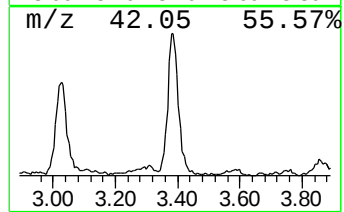
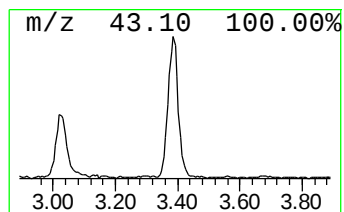
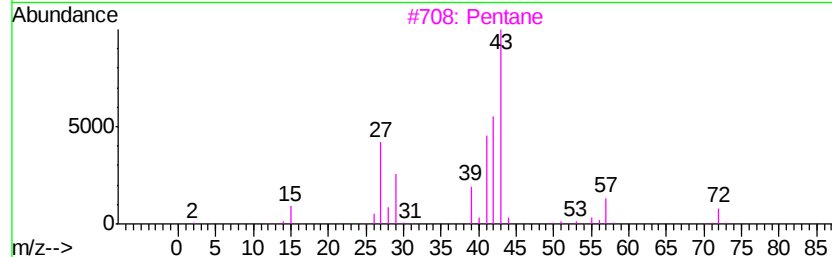
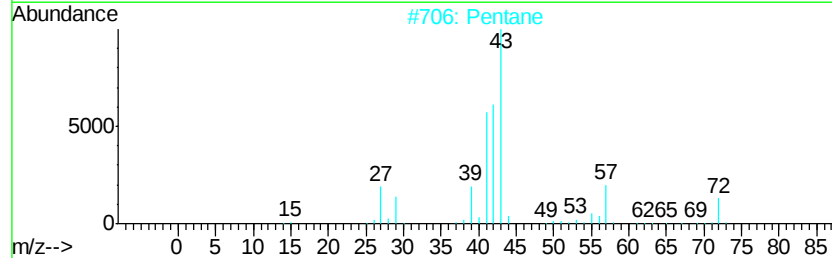
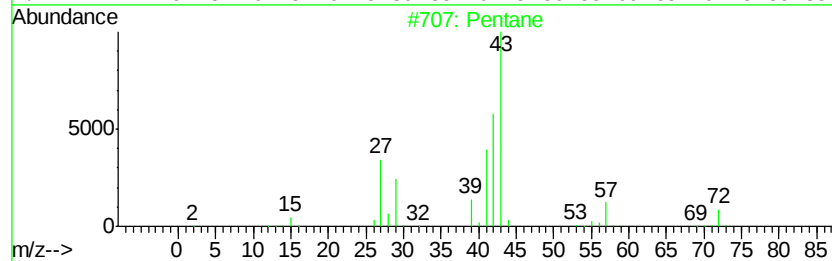
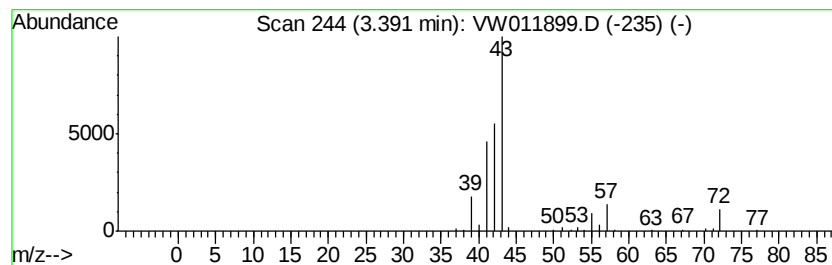
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	2.22 ug/L	75803	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	72
3		Pentane	72	C5H12	000109-66-0	64
4		Pentane	72	C5H12	000109-66-0	64
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081319\
Data File : VW011899.D
Acq On : 13 Aug 2019 17:00
Operator : SY/VA
Sample : K4215-12RE
Misc : 3.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC3RE

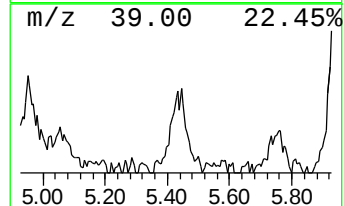
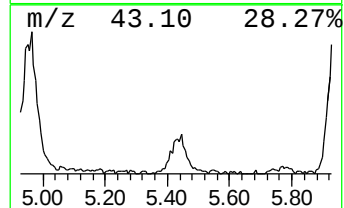
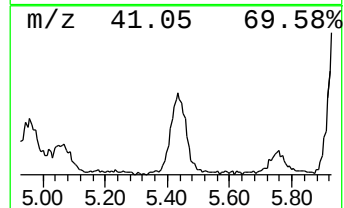
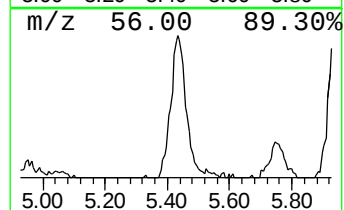
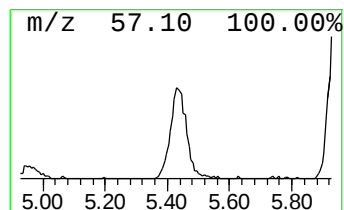
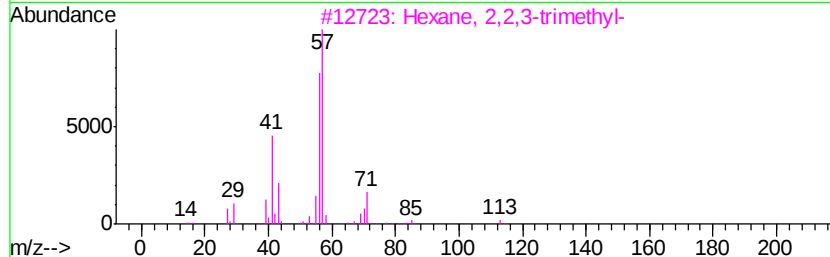
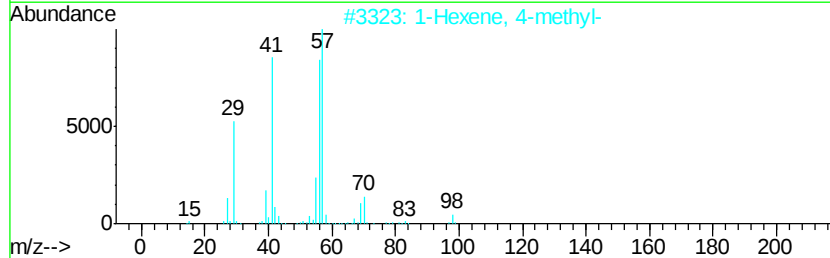
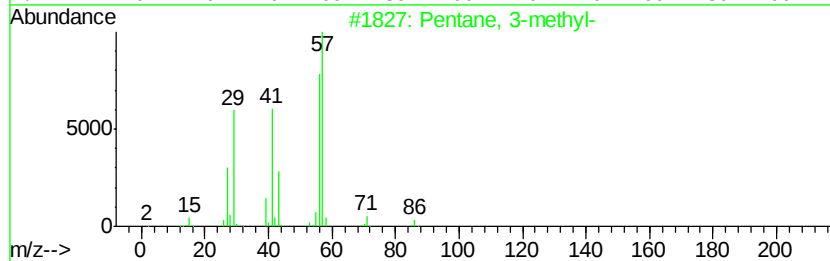
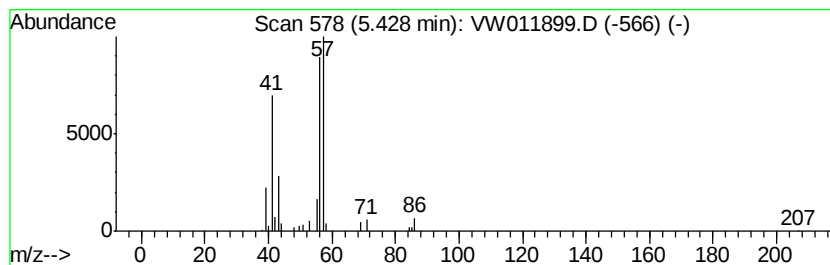
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	1.28 ug/L	43896	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	78
3		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
4		Pentane, 3-methyl-	86	C6H14	000096-14-0	72
5		Pentane, 3-methyl-	86	C6H14	000096-14-0	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081319\
Data File : VW011899.D
Acq On : 13 Aug 2019 17:00
Operator : SY/VA
Sample : K4215-12RE
Misc : 3.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC3RE

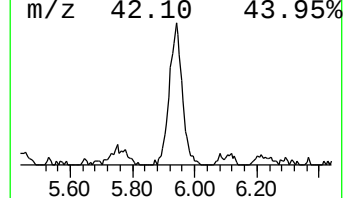
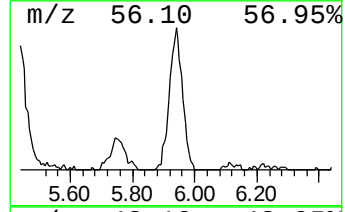
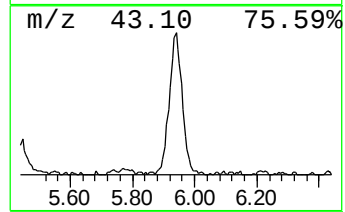
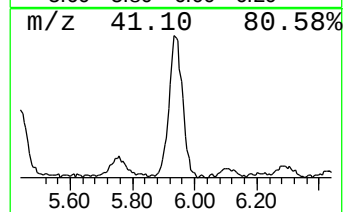
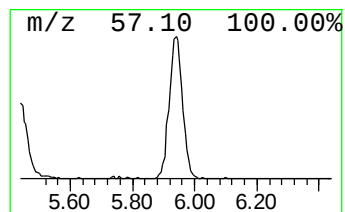
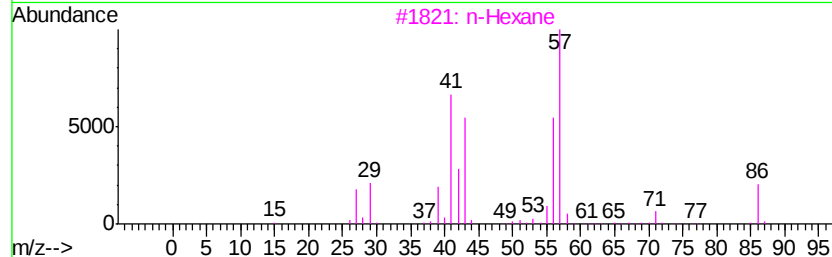
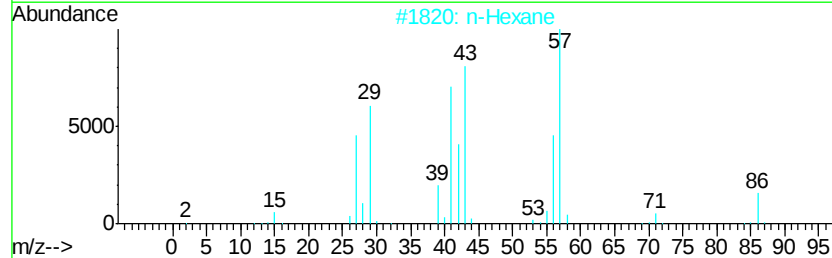
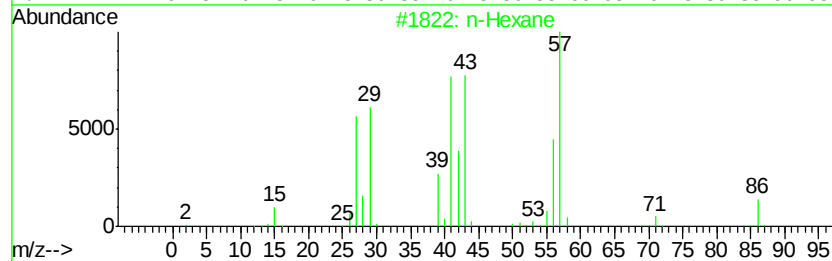
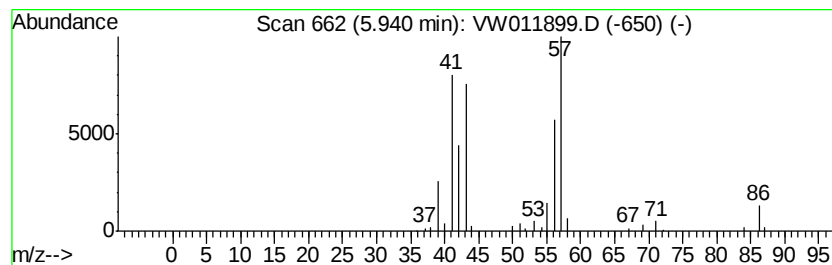
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	2.35 ug/L	80389	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	87
2		n-Hexane	86	C6H14	000110-54-3	86
3		n-Hexane	86	C6H14	000110-54-3	86
4		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	45
5		1-Hexene	84	C6H12	000592-41-6	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081319\
Data File : VW011899.D
Acq On : 13 Aug 2019 17:00
Operator : SY/VA
Sample : K4215-12RE
Misc : 3.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC3RE

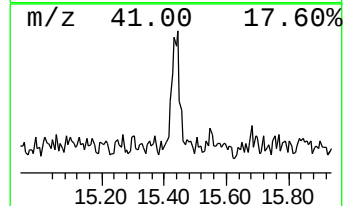
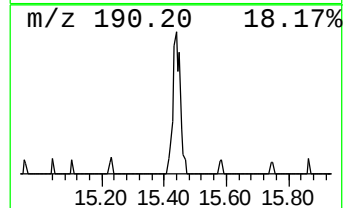
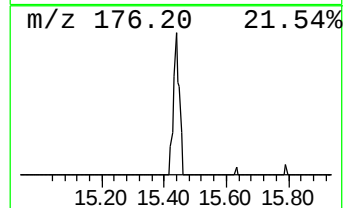
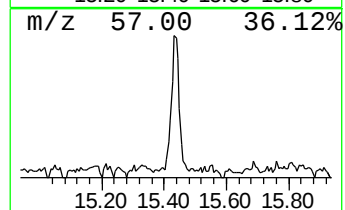
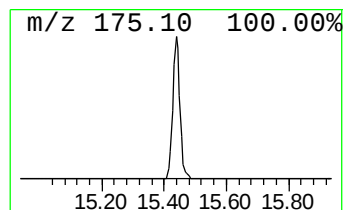
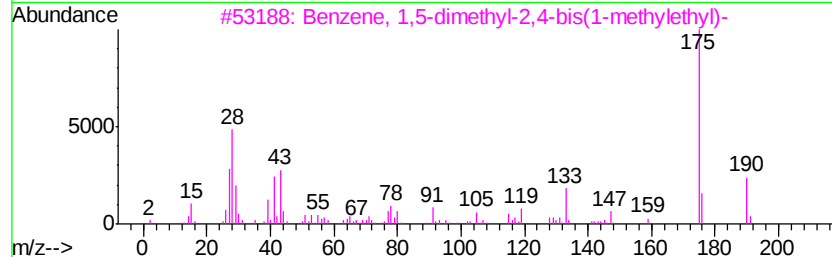
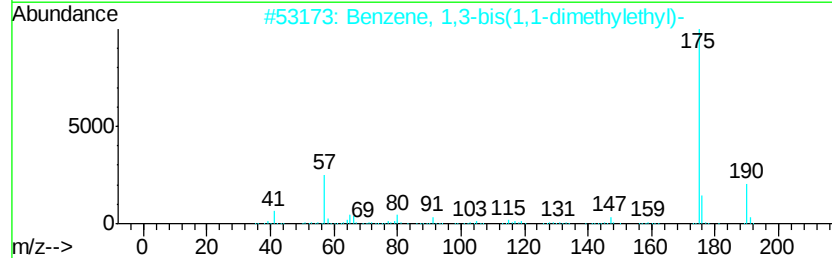
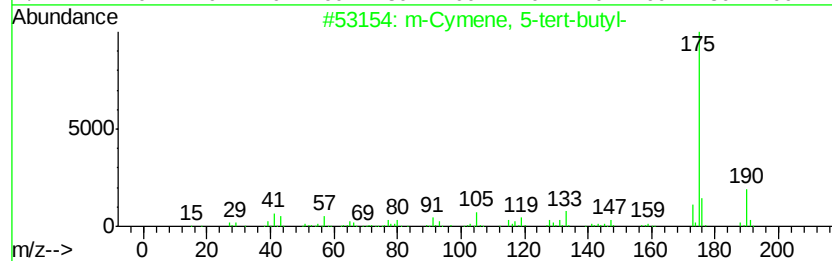
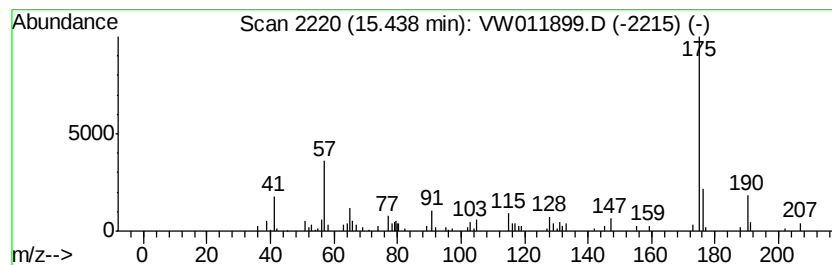
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 10 m-Cymene, 5-tert-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.58 ug/L	23030	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	72
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	68
3			Benzene, 1,5-dimethyl-2,4-bis(1-...	190	C14H22	005186-68-5	64
4			p-Pentylacetophenone	190	C13H18O	037593-02-5	64
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081319\
Data File : VW011899.D
Acq On : 13 Aug 2019 17:00
Operator : SY/VA
Sample : K4215-12RE
Misc : 3.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC3RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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
unknown-01	2.15	1.8	ug/L	60671	1	8.84	855479	25.0
(DEL) Alkane: Str...	3.03	1.4	ug/L	47824	1	8.84	855479	25.0
(DEL) Alkane: Str...	3.39	2.2	ug/L	75803	1	8.84	855479	25.0
(DEL) Alkane: Str...	5.43	1.3	ug/L	43896	1	8.84	855479	25.0
(DEL) Alkane: Str...	5.94	2.4	ug/L	80389	1	8.84	855479	25.0
m-Cymene, 5-tert-...	15.44	1.6	ug/L	23030	3	13.56	363345	25.0