

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082818\
 Data File : VW004983.D
 Acq On : 28 Aug 2018 14:01
 Operator : SY/AP
 Sample : J4634-19
 Misc : 5.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3K4

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\SOM2WLM082218S.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	1.752	15	27	28	rBV	17679	26783	0.86%	0.107%
2	1.795	28	34	48	rVB	1929770	3106779	100.00%	12.362%
3	2.349	119	125	135	rBV	253926	397630	12.80%	1.582%
4	2.886	206	213	223	rBV	183831	367572	11.83%	1.463%
5	3.270	272	276	283	rVB3	4263	9079	0.29%	0.036%
6	3.544	319	321	324	rVV3	674	844	0.03%	0.003%
7	3.605	329	331	335	rVB4	527	701	0.02%	0.003%
8	3.684	340	344	345	rBV4	710	676	0.02%	0.003%
9	3.867	367	374	379	rBV5	3240	8152	0.26%	0.032%
10	4.020	386	399	411	rVV	285830	755457	24.32%	3.006%
11	4.160	415	422	427	rVV7	3936	12738	0.41%	0.051%
12	4.215	429	431	435	rVB3	853	913	0.03%	0.004%
13	4.300	444	445	450	rVB2	1008	773	0.02%	0.003%
14	4.367	452	456	458	rBV2	1058	1453	0.05%	0.006%
15	4.398	458	461	465	rVV5	1076	1995	0.06%	0.008%
16	4.666	502	505	506	rBV3	652	627	0.02%	0.002%
17	4.922	536	547	561	rBV	38927	128089	4.12%	0.510%
18	5.044	566	567	571	rVB4	593	661	0.02%	0.003%
19	5.099	571	576	577	rBV4	606	881	0.03%	0.004%
20	5.129	577	581	583	rBV3	414	657	0.02%	0.003%
21	5.330	611	614	616	rVB3	713	584	0.02%	0.002%
22	5.605	654	659	660	rBV3	484	708	0.02%	0.003%
23	5.952	707	716	723	rVB4	3456	10054	0.32%	0.040%
24	6.123	740	744	749	rVV4	793	1896	0.06%	0.008%
25	6.410	789	791	796	rVB4	602	778	0.03%	0.003%
26	6.727	841	843	849	rVB3	489	600	0.02%	0.002%
27	6.812	854	857	860	rVB2	484	570	0.02%	0.002%
28	6.903	869	872	874	rBV4	579	610	0.02%	0.002%
29	6.922	874	875	881	rVB2	842	752	0.02%	0.003%
30	7.019	887	891	892	rBV2	554	673	0.02%	0.003%
31	7.086	892	902	908	rBV	67068	191454	6.16%	0.762%
32	7.397	949	953	955	rBV2	667	746	0.02%	0.003%
33	7.543	972	977	985	rVB4	1342	2696	0.09%	0.011%
34	7.653	985	995	1014	rBV	334731	869322	27.98%	3.459%

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35	7.952	1042	1044	1047	rVB2	668	623	0.02%	0.002%
36	8.025	1053	1056	1058	rBV2	613	702	0.02%	0.003%
37	8.281	1088	1098	1115	rBV2	749154	2183618	70.29%	8.689%
38	8.537	1138	1140	1143	rVB	685	574	0.02%	0.002%
39	8.641	1150	1157	1162	rBV5	928	2497	0.08%	0.010%
40	8.696	1162	1166	1172	rVB5	907	1686	0.05%	0.007%
41	8.848	1180	1191	1213	rBV	718711	1429244	46.00%	5.687%
42	9.037	1218	1222	1225	rBV4	2348	3827	0.12%	0.015%
43	9.281	1252	1262	1280	rBV	480870	983601	31.66%	3.914%
44	9.507	1292	1299	1307	rBV6	2443	6007	0.19%	0.024%
45	9.598	1308	1314	1320	rVV4	1723	4165	0.13%	0.017%
46	9.665	1320	1325	1333	rVB7	2094	4158	0.13%	0.017%
47	9.763	1337	1341	1348	rVB5	1322	2644	0.09%	0.011%
48	10.043	1378	1387	1397	rBV	235954	442761	14.25%	1.762%
49	10.330	1426	1434	1454	rBV	1258669	2230945	71.81%	8.877%
50	10.586	1469	1476	1484	rVB	170963	298262	9.60%	1.187%
51	10.756	1490	1504	1517	rVB3	95416	408975	13.16%	1.627%
52	10.866	1520	1522	1525	rVB3	1105	990	0.03%	0.004%
53	10.927	1525	1532	1549	rBV	334224	600767	19.34%	2.390%
54	11.073	1550	1556	1563	rVB2	31789	59832	1.93%	0.238%
55	11.232	1581	1582	1585	rBV3	686	735	0.02%	0.003%
56	11.311	1593	1595	1598	rVV3	738	968	0.03%	0.004%
57	11.421	1611	1613	1614	rBV2	708	616	0.02%	0.002%
58	11.634	1640	1648	1658	rBV	1171433	2017014	64.92%	8.026%
59	11.799	1674	1675	1678	rBV2	495	609	0.02%	0.002%
60	11.848	1678	1683	1692	rVV6	2860	6590	0.21%	0.026%
61	12.091	1721	1723	1728	rVB6	1500	2011	0.06%	0.008%
62	12.171	1732	1736	1737	rBV3	2118	2223	0.07%	0.009%
63	12.201	1737	1741	1746	rVB	9132	14087	0.45%	0.056%
64	12.341	1760	1764	1770	rVB5	3685	5213	0.17%	0.021%
65	12.445	1775	1781	1794	rBV	123147	224873	7.24%	0.895%
66	12.561	1795	1800	1805	rVV2	23347	44661	1.44%	0.178%
67	12.622	1805	1810	1816	rVV	60544	110346	3.55%	0.439%
68	12.701	1816	1823	1829	rVV	478523	798581	25.70%	3.178%
69	12.756	1829	1832	1842	rVB	16960	30222	0.97%	0.120%
70	12.835	1842	1845	1849	rBV3	3721	6008	0.19%	0.024%
71	12.902	1853	1856	1859	rBV5	2806	4294	0.14%	0.017%

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72	12.939	1859	1862	1863	rBV2	3272	3298	0.11%	0.013%
73	12.975	1864	1868	1872	rVV2	8397	11104	0.36%	0.044%
74	13.097	1883	1888	1889	rBV3	2423	3892	0.13%	0.015%
75	13.122	1889	1892	1895	rVV	4484	5876	0.19%	0.023%
76	13.201	1901	1905	1909	rVB2	7213	9237	0.30%	0.037%
77	13.329	1918	1926	1933	rVB3	24879	48280	1.55%	0.192%
78	13.408	1934	1939	1945	rVB3	16531	28842	0.93%	0.115%
79	13.475	1945	1950	1955	rBV3	15410	27971	0.90%	0.111%
80	13.567	1958	1965	1971	rBV	1327929	2133672	68.68%	8.490%
81	13.652	1974	1979	1986	rVV	558378	869484	27.99%	3.460%
82	13.719	1987	1990	1995	rVB3	28882	44917	1.45%	0.179%
83	13.859	2006	2013	2021	rVB	1395036	2230391	71.79%	8.875%
84	14.030	2036	2041	2045	rBV4	17865	31655	1.02%	0.126%
85	14.085	2045	2050	2057	rVB	111786	189466	6.10%	0.754%
86	14.152	2057	2061	2067	rBV6	7083	12416	0.40%	0.049%
87	14.231	2070	2074	2078	rBV3	13557	19133	0.62%	0.076%
88	14.304	2081	2086	2089	rBV	69675	112162	3.61%	0.446%
89	14.536	2117	2124	2136	rBV	478880	745698	24.00%	2.967%
90	14.634	2136	2140	2143	rBV4	16074	21866	0.70%	0.087%
91	14.701	2143	2151	2157	rBV5	54457	170505	5.49%	0.678%
92	14.804	2163	2168	2172	rBV2	29345	51757	1.67%	0.206%
93	14.853	2172	2176	2179	rBV5	13492	22775	0.73%	0.091%
94	15.012	2199	2202	2206	rBV2	22315	29562	0.95%	0.118%
95	15.164	2223	2227	2230	rBV7	16775	29818	0.96%	0.119%
96	15.219	2232	2236	2239	rVV	60941	92767	2.99%	0.369%
97	15.268	2239	2244	2249	rVB	63086	99854	3.21%	0.397%
98	15.414	2264	2268	2274	rVB3	31190	55751	1.79%	0.222%
99	15.512	2279	2284	2291	rVB	70550	132671	4.27%	0.528%
100	16.115	2377	2383	2391	rBV5	23985	58051	1.87%	0.231%

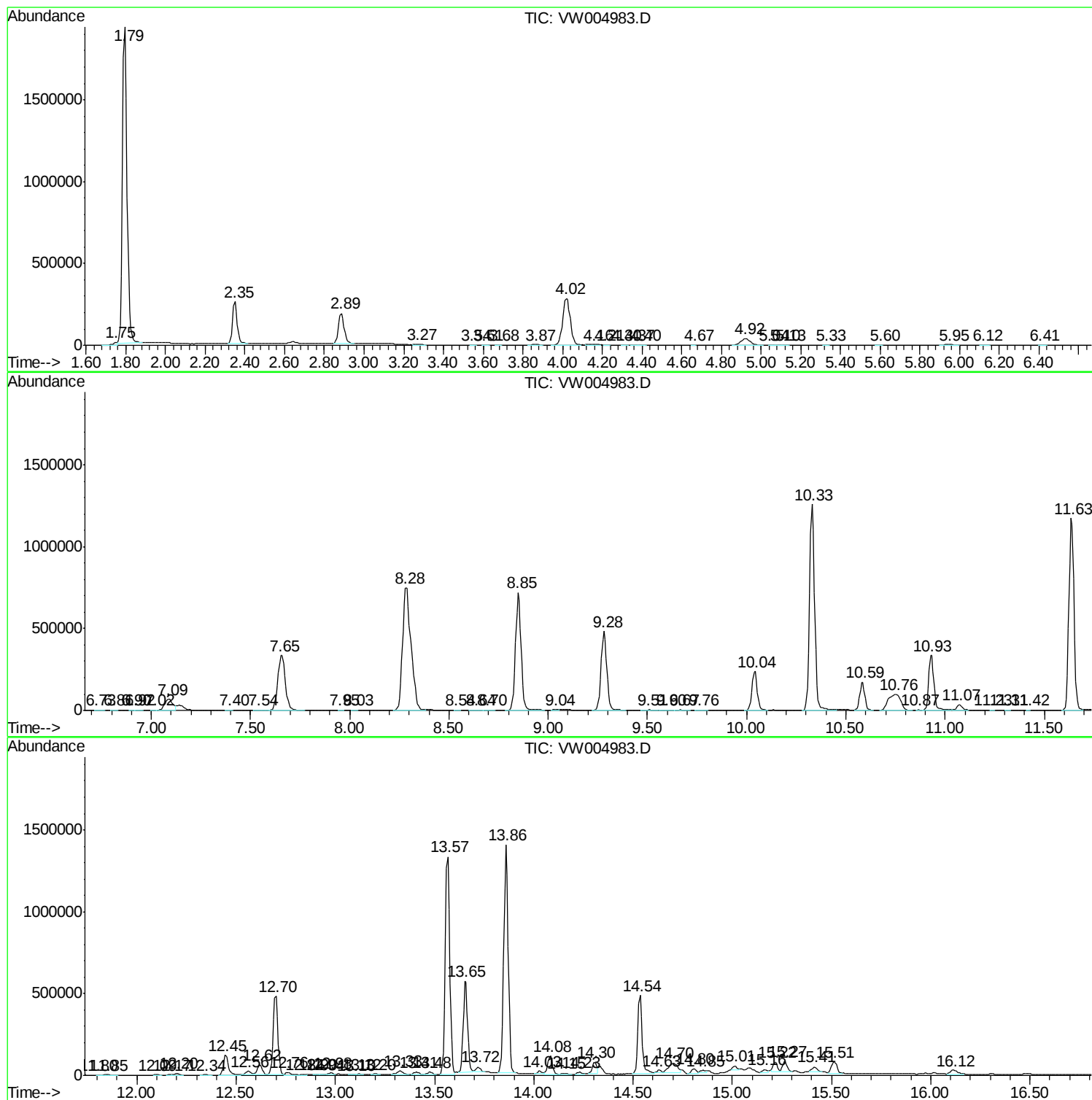
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis

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



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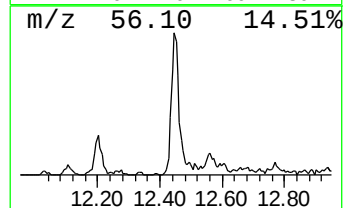
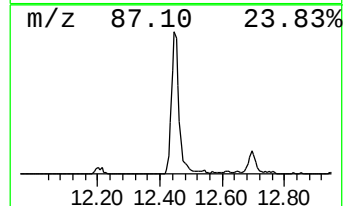
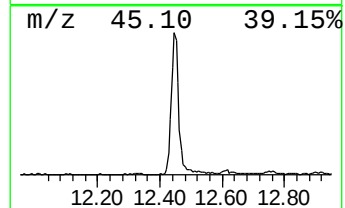
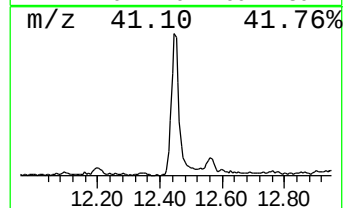
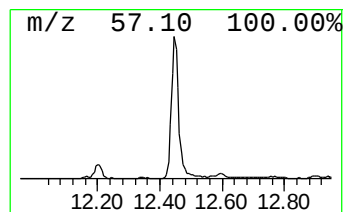
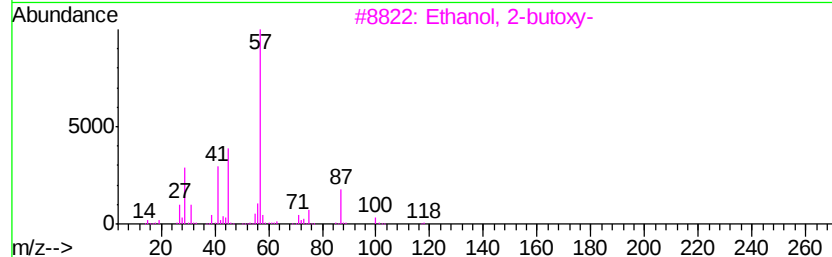
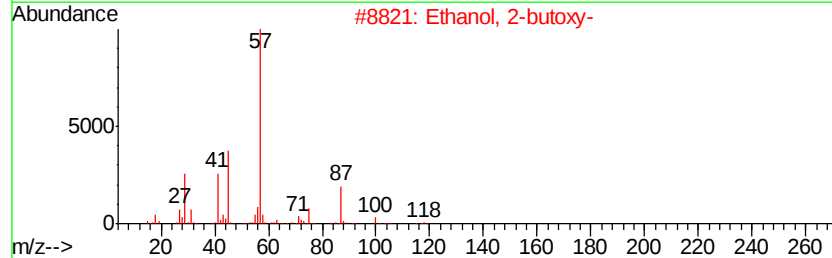
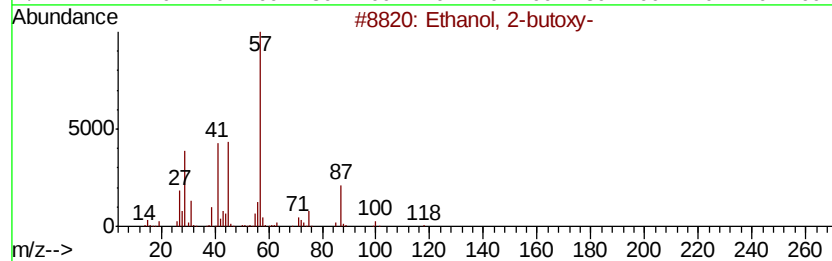
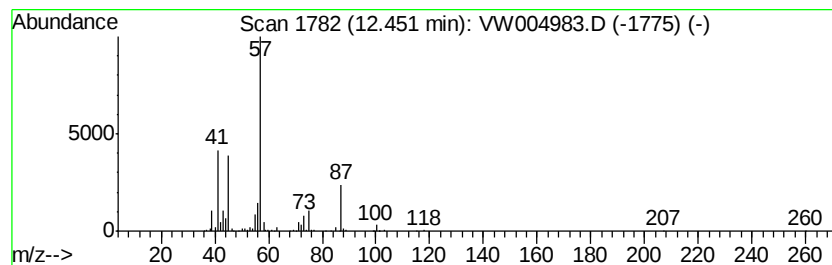
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis

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

Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.79 ug/L	224873	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	91
2		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
3		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
4		1-Butene-3-ethoxy	100	C6H12O	001476-08-0	50
5		Butane, 1-butoxy-2-methyl-	144	C9H20O	062238-03-3	40



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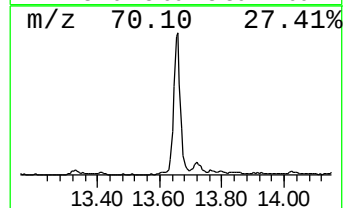
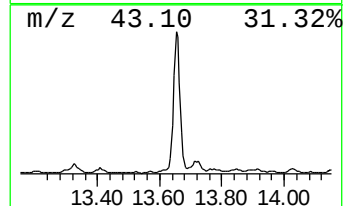
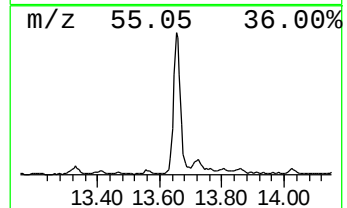
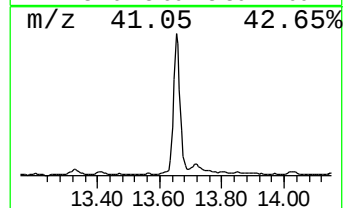
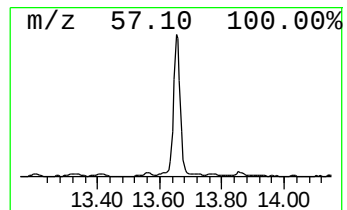
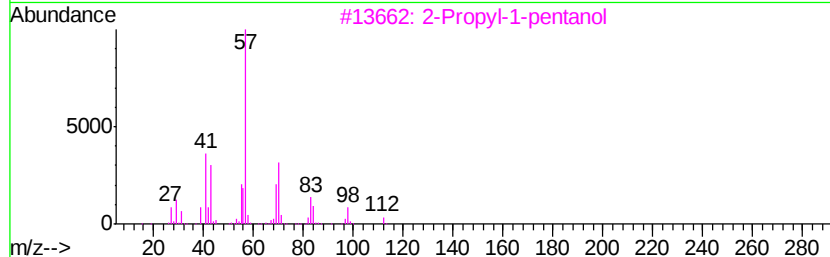
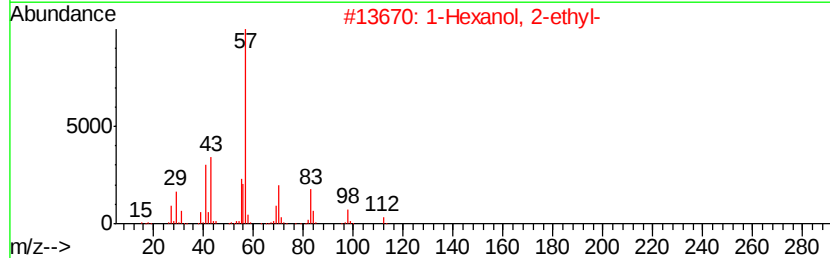
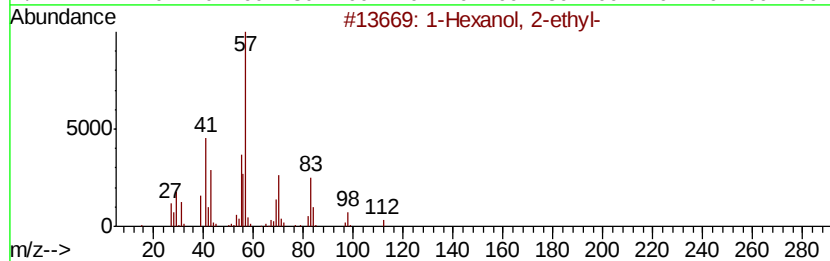
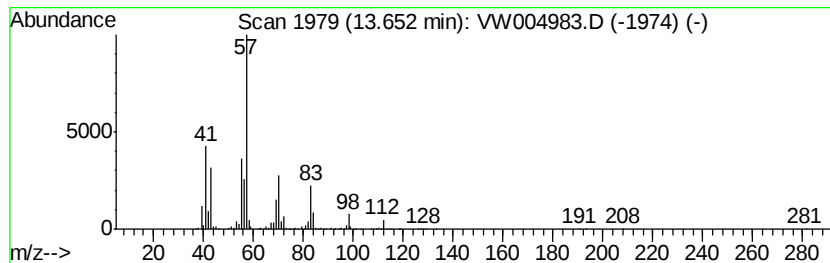
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Quant Title : VOC Analysis

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

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	10.19 ug/L	869484	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53



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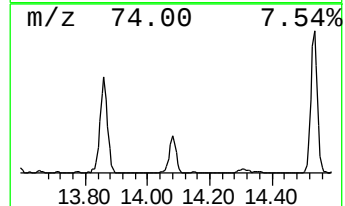
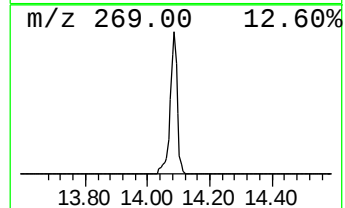
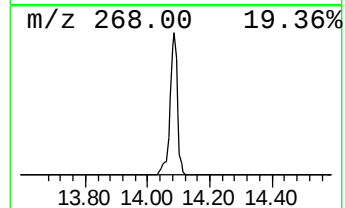
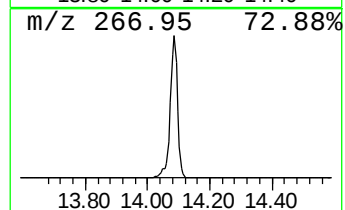
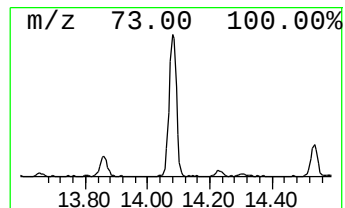
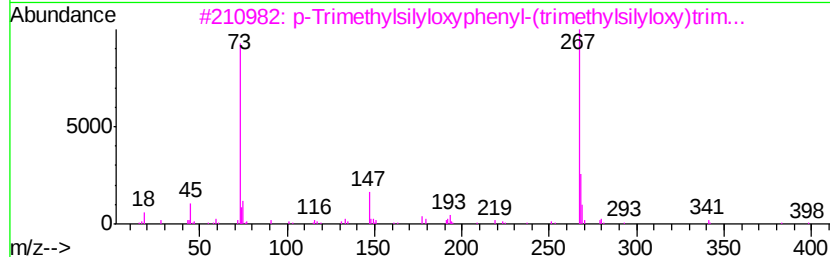
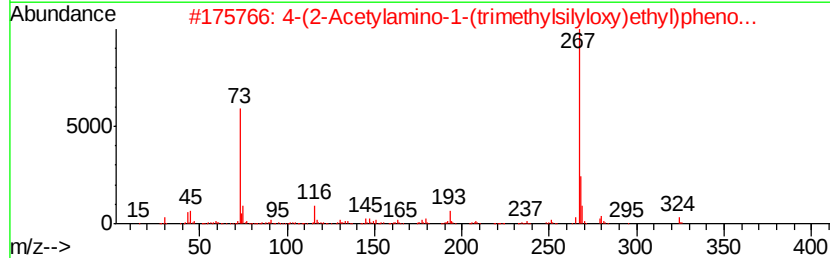
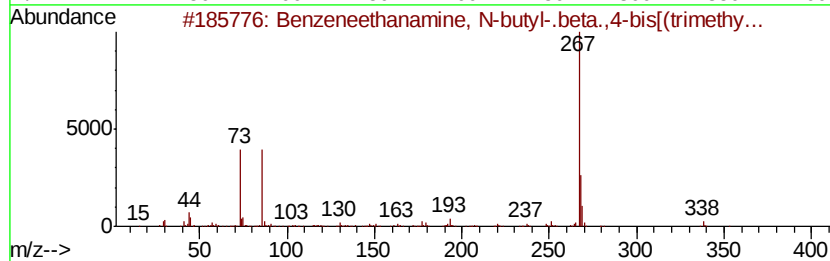
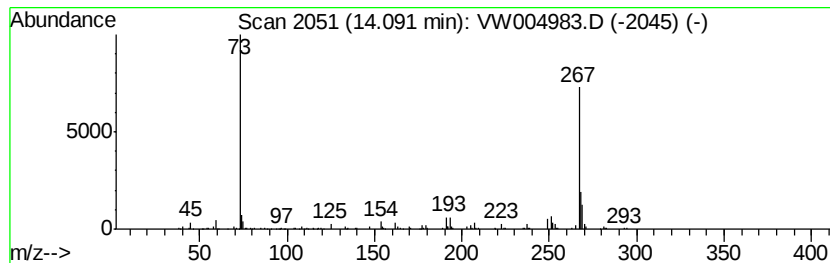
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzeneethanamine, N-butyl-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.09	2.22 ug/L	189466	1,4-Dichlorobenzene-d4		13.57		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneethanamine, N-butyl-.beta...	353	C18H35N02Si2	040629-66-1	72
2			4-(2-Acetylamino-1-(trimethylsil...	339	C16H29N03Si2	1000373-43-5	72
3			p-Trimethylsilyloxyphenyl-(trime...	398	C18H34O4Si3	1000079-05-1	64
4			Butanamide, 2,2,3,3,4,4,4-hepta...	493	C18H26F7N03Si2	055471-01-7	64
5			2-(Trimethylsilyl)amino-4-methyl...	267	C13H25N0Si2	1000373-28-1	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082818\
Data File : VW004983.D
Acq On : 28 Aug 2018 14:01
Operator : SY/AP
Sample : J4634-19
Misc : 5.27G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3K4

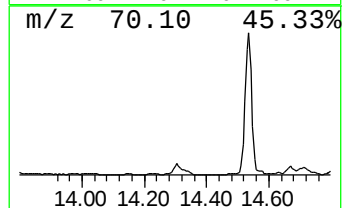
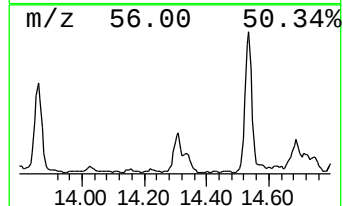
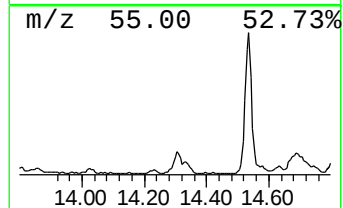
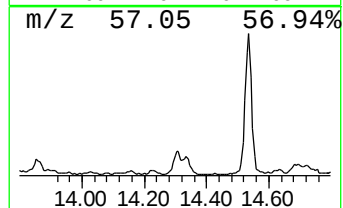
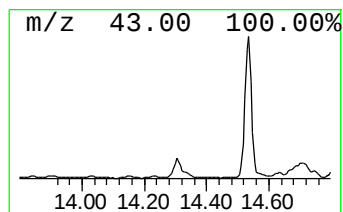
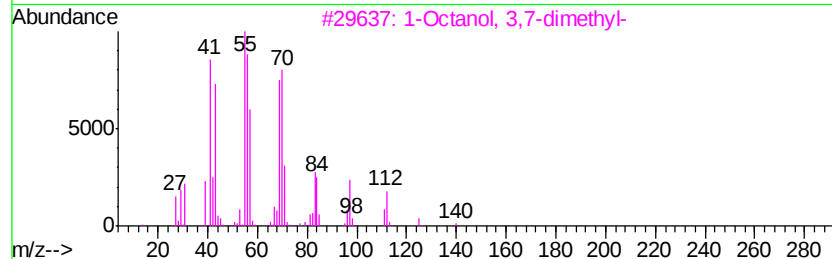
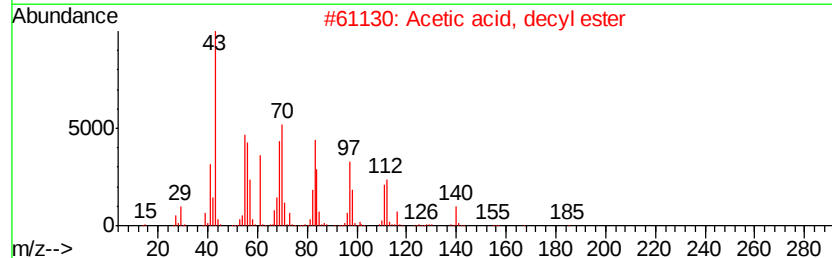
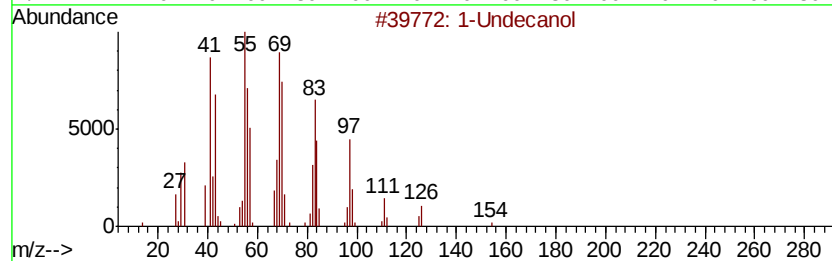
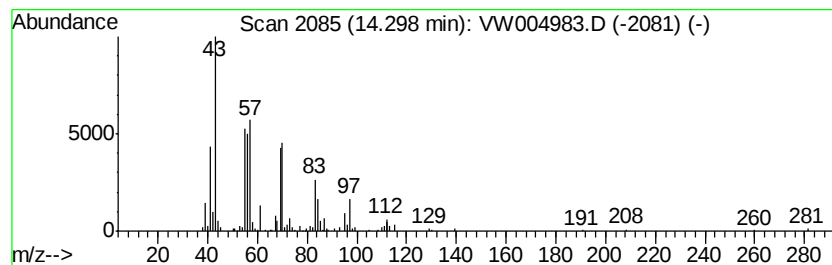
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Quant Title : VOC Analysis

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

Peak Number 8 1-Undecanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	1.31 ug/L	112162	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecanol		172	C11H24O	000112-42-5	64
2	Acetic acid, decyl ester		200	C12H24O2	000112-17-4	64
3	1-Octanol, 3,7-dimethyl-		158	C10H22O	000106-21-8	59
4	Cyclopropane, octyl-		154	C11H22	001472-09-9	59
5	1-Octene		112	C8H16	000111-66-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082818\
Data File : VW004983.D
Acq On : 28 Aug 2018 14:01
Operator : SY/AP
Sample : J4634-19
Misc : 5.27G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3K4

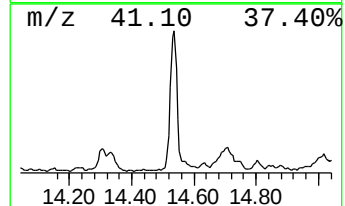
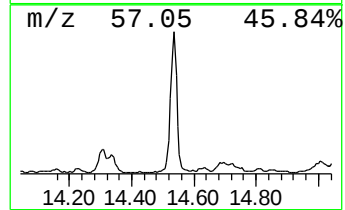
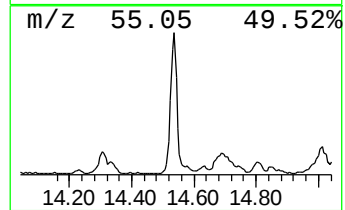
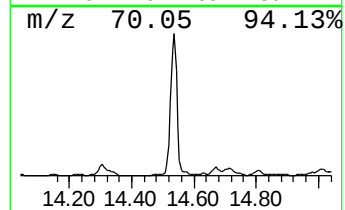
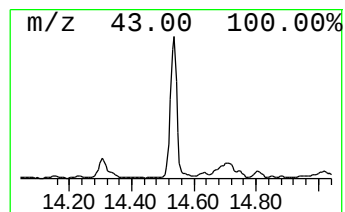
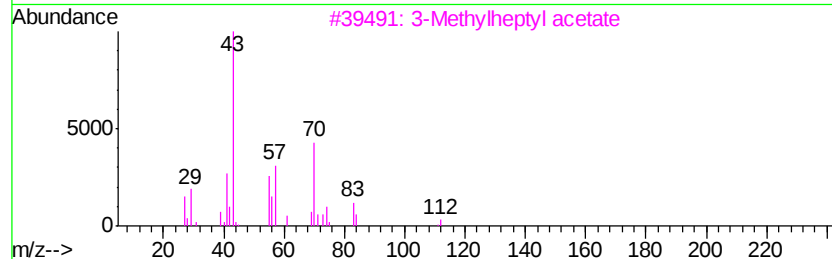
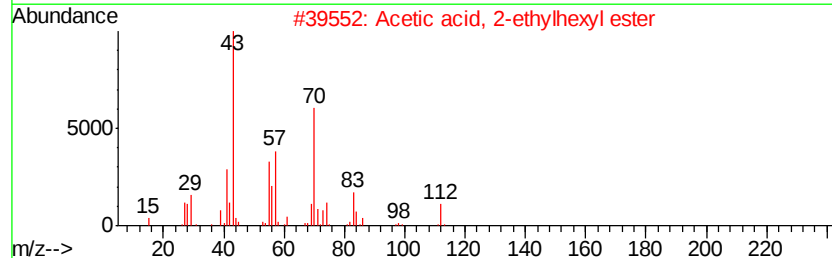
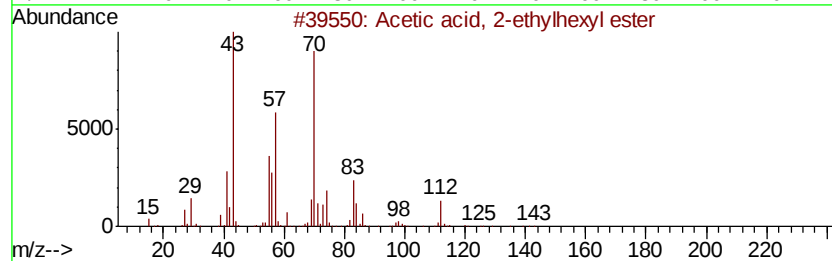
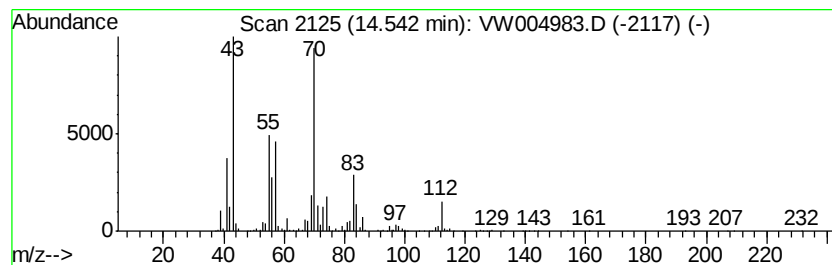
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Quant Title : VOC Analysis

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

Peak Number 9 Acetic acid, 2-ethylhexyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	8.74 ug/L	745698	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	91
2		Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	90
3		3-Methylheptyl acetate	172	C10H20O2	072218-58-7	83
4		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	68
5		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082818\
Data File : VW004983.D
Acq On : 28 Aug 2018 14:01
Operator : SY/AP
Sample : J4634-19
Misc : 5.27G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3K4

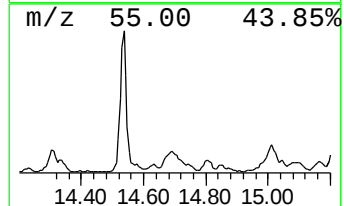
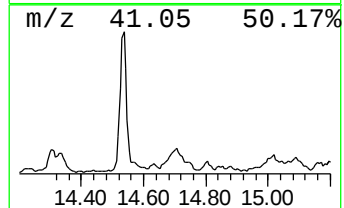
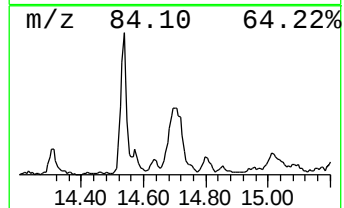
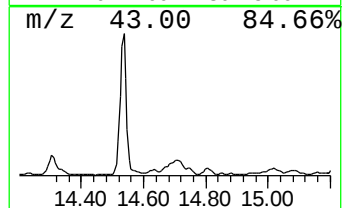
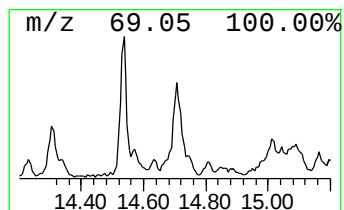
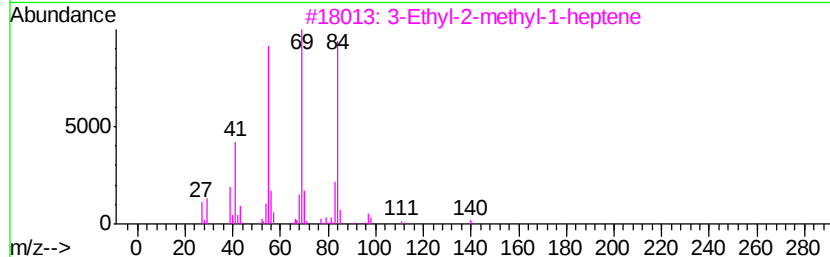
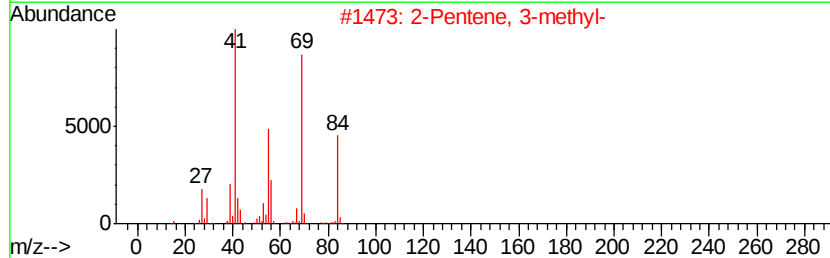
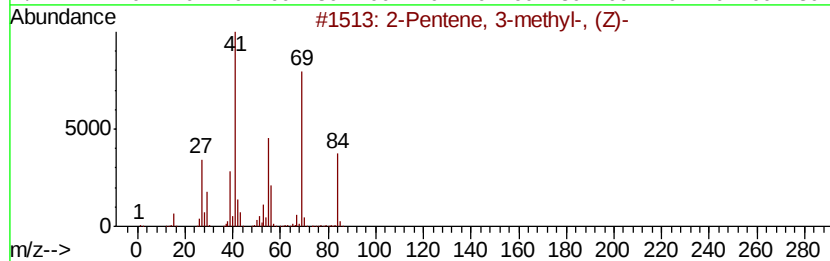
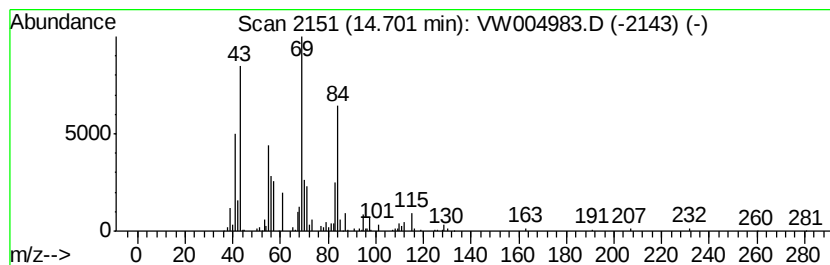
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic14.70 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.00 ug/L	170505	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-			84	C6H12	000922-62-3	47
2	2-Pentene, 3-methyl-			84	C6H12	000922-61-2	47
3	3-Ethyl-2-methyl-1-heptene			140	C10H20	019780-60-0	47
4	2-Pentene, 2-methyl-			84	C6H12	000625-27-4	43
5	2-Pentene, 3-methyl-, (Z)-			84	C6H12	000922-62-3	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082818\
Data File : VW004983.D
Acq On : 28 Aug 2018 14:01
Operator : SY/AP
Sample : J4634-19
Misc : 5.27G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3K4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.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
Ethanol, 2-butoxy-	12.45	2.8	ug/L	224873	2	11.63	2017010	25.0
1-Hexanol, 2-ethyl-	13.65	10.2	ug/L	869484	3	13.57	2133670	25.0
Benzeneethanamine...	14.09	2.2	ug/L	189466	3	13.57	2133670	25.0
1-Undecanol	14.30	1.3	ug/L	112162	3	13.57	2133670	25.0
Acetic acid, 2-et...	14.54	8.7	ug/L	745698	3	13.57	2133670	25.0
(DEL) Alkane: Cyc...	14.70	2.0	ug/L	170505	3	13.57	2133670	25.0