

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112219\
 Data File : VW014099.D
 Acq On : 22 Nov 2019 17:09
 Operator : SY/VA
 Sample : K5989-06RE
 Misc : 4.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BJ7RE

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\SOM2WLM111119S.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	2.154	36	41	54	rBV2	12474	35567	3.38%	0.702%
2	2.349	67	73	83	rBV	75295	133745	12.72%	2.640%
3	2.885	154	161	178	rVB	58041	147791	14.05%	2.917%
4	3.288	225	227	231	rVB3	443	489	0.05%	0.010%
5	3.477	255	258	261	rBV2	571	603	0.06%	0.012%
6	3.538	261	268	278	rVV2	2832	8396	0.80%	0.166%
7	3.666	286	289	292	rBV2	459	461	0.04%	0.009%
8	3.922	328	331	333	rVB	212	210	0.02%	0.004%
9	4.019	333	347	361	rBV	105180	348866	33.17%	6.886%
10	4.190	372	375	376	rBV2	335	392	0.04%	0.008%
11	4.330	396	398	400	rVB2	346	333	0.03%	0.007%
12	4.391	400	408	410	rBV3	703	1444	0.14%	0.029%
13	4.617	443	445	448	rVB2	272	279	0.03%	0.006%
14	4.641	448	449	451	rBV	382	223	0.02%	0.004%
15	4.727	458	463	464	rBV2	202	233	0.02%	0.005%
16	4.916	483	494	504	rBV6	5224	19682	1.87%	0.389%
17	5.019	508	511	512	rVB	488	402	0.04%	0.008%
18	5.074	518	520	521	rVB	387	264	0.03%	0.005%
19	5.129	527	529	530	rBV2	363	289	0.03%	0.006%
20	5.202	539	541	544	rVB2	594	531	0.05%	0.010%
21	5.263	549	551	553	rBV	236	196	0.02%	0.004%
22	5.294	553	556	559	rVV2	368	377	0.04%	0.007%
23	5.434	575	579	585	rBV3	426	947	0.09%	0.019%
24	5.592	602	605	607	rBV2	425	499	0.05%	0.010%
25	5.757	630	632	636	rBV3	337	433	0.04%	0.009%
26	5.824	640	643	646	rBV3	285	425	0.04%	0.008%
27	5.928	652	660	661	rBV5	2484	3311	0.31%	0.065%
28	6.013	671	674	675	rBV	492	354	0.03%	0.007%
29	6.074	682	684	688	rBV2	258	337	0.03%	0.007%
30	6.135	692	694	695	rBV	317	237	0.02%	0.005%
31	6.208	703	706	708	rBV2	214	225	0.02%	0.004%
32	6.275	716	717	721	rBV3	215	302	0.03%	0.006%
33	6.531	757	759	761	rVB2	263	222	0.02%	0.004%
34	6.562	761	764	766	rBV	174	214	0.02%	0.004%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	6.714	784	789	792	rBV2	461	576	0.05%	0.011%
36	6.775	797	799	801	rBV	242	269	0.03%	0.005%
37	6.903	817	820	821	rBV2	283	271	0.03%	0.005%
38	6.964	827	830	832	rBV3	531	507	0.05%	0.010%
39	7.074	839	848	853	rBV2	36215	100081	9.52%	1.976%
40	7.488	914	916	918	rBV3	436	357	0.03%	0.007%
41	7.647	931	942	954	rBV	201448	489413	46.54%	9.661%
42	7.763	959	961	963	rBV2	207	242	0.02%	0.005%
43	7.952	985	992	1001	rVB6	3269	8819	0.84%	0.174%
44	8.025	1001	1004	1009	rBV4	823	1242	0.12%	0.025%
45	8.269	1030	1044	1060	rBV2	360085	1051639	100.00%	20.759%
46	8.622	1099	1102	1108	rBV4	799	1327	0.13%	0.026%
47	8.683	1111	1112	1116	rBV2	826	872	0.08%	0.017%
48	8.769	1123	1126	1129	rVB3	375	375	0.04%	0.007%
49	8.842	1129	1138	1147	rBV	210396	422593	40.18%	8.342%
50	8.939	1152	1154	1156	rVB2	562	456	0.04%	0.009%
51	9.073	1171	1176	1180	rVB5	1099	2113	0.20%	0.042%
52	9.128	1183	1185	1186	rBV2	432	236	0.02%	0.005%
53	9.189	1192	1195	1196	rBV	349	313	0.03%	0.006%
54	9.275	1200	1209	1216	rBV	254813	523820	49.81%	10.340%
55	9.439	1233	1236	1239	rBV3	666	855	0.08%	0.017%
56	9.598	1260	1262	1264	rVB2	673	441	0.04%	0.009%
57	9.622	1264	1266	1268	rVB2	411	204	0.02%	0.004%
58	9.659	1268	1272	1279	rVB5	1502	2938	0.28%	0.058%
59	9.732	1282	1284	1286	rBV2	366	337	0.03%	0.007%
60	9.756	1286	1288	1291	rBV2	465	590	0.06%	0.012%
61	10.030	1327	1333	1341	rBV	64543	117671	11.19%	2.323%
62	10.183	1356	1358	1359	rBV2	521	416	0.04%	0.008%
63	10.195	1359	1360	1361	rBV	473	266	0.03%	0.005%
64	10.323	1373	1381	1388	rBV	320504	573202	54.51%	11.315%
65	10.573	1417	1422	1431	rVB2	28904	50790	4.83%	1.003%
66	10.701	1438	1443	1449	rVB	28672	49600	4.72%	0.979%
67	10.921	1473	1479	1492	rBV	83758	153180	14.57%	3.024%
68	11.061	1497	1502	1507	rBV3	12916	22190	2.11%	0.438%
69	11.439	1560	1564	1571	rVB5	6329	11154	1.06%	0.220%
70	11.628	1589	1595	1603	rBV	142158	239493	22.77%	4.728%
71	12.414	1722	1724	1725	rBV	453	264	0.03%	0.005%

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72	12.554	1744	1747	1749	rVB	549	575	0.05%	0.011%
73	12.609	1749	1756	1763	rBV	33261	55716	5.30%	1.100%
74	12.689	1763	1769	1777	rVV	119284	196785	18.71%	3.884%
75	12.762	1777	1781	1784	rVV2	1813	2865	0.27%	0.057%
76	12.896	1801	1803	1804	rBV	301	233	0.02%	0.005%
77	12.932	1804	1809	1815	rVV2	9541	15454	1.47%	0.305%
78	13.006	1820	1821	1824	rVB	309	244	0.02%	0.005%
79	13.036	1824	1826	1828	rBV	675	660	0.06%	0.013%
80	13.073	1830	1832	1836	rVV3	487	641	0.06%	0.013%
81	13.158	1843	1846	1848	rBV4	826	784	0.07%	0.015%
82	13.195	1850	1852	1854	rVV3	1199	791	0.08%	0.016%
83	13.292	1863	1868	1874	rVB3	5716	10061	0.96%	0.199%
84	13.341	1874	1876	1879	rVB	431	364	0.03%	0.007%
85	13.408	1879	1887	1893	rBV6	2716	5446	0.52%	0.108%
86	13.469	1893	1897	1900	rBV4	712	1092	0.10%	0.022%
87	13.554	1906	1911	1917	rBV	43919	72304	6.88%	1.427%
88	13.762	1939	1945	1949	rBV5	2293	4818	0.46%	0.095%
89	13.853	1954	1960	1966	rBV	66575	108797	10.35%	2.148%
90	14.030	1987	1989	1991	rBV2	1169	832	0.08%	0.016%
91	14.072	1991	1996	2001	rVB	14776	23316	2.22%	0.460%
92	14.200	2013	2017	2022	rVV3	997	1488	0.14%	0.029%
93	14.243	2022	2024	2026	rVB3	897	689	0.07%	0.014%
94	14.268	2026	2028	2029	rBV	426	362	0.03%	0.007%
95	14.328	2035	2038	2042	rVB3	4031	4880	0.46%	0.096%
96	14.578	2077	2079	2080	rVB	536	269	0.03%	0.005%
97	14.597	2080	2082	2084	rVB2	600	440	0.04%	0.009%
98	14.725	2101	2103	2108	rVB4	2220	2295	0.22%	0.045%
99	15.127	2168	2169	2171	rBV	1036	551	0.05%	0.011%
100	15.438	2216	2220	2225	rVB2	10312	15798	1.50%	0.312%

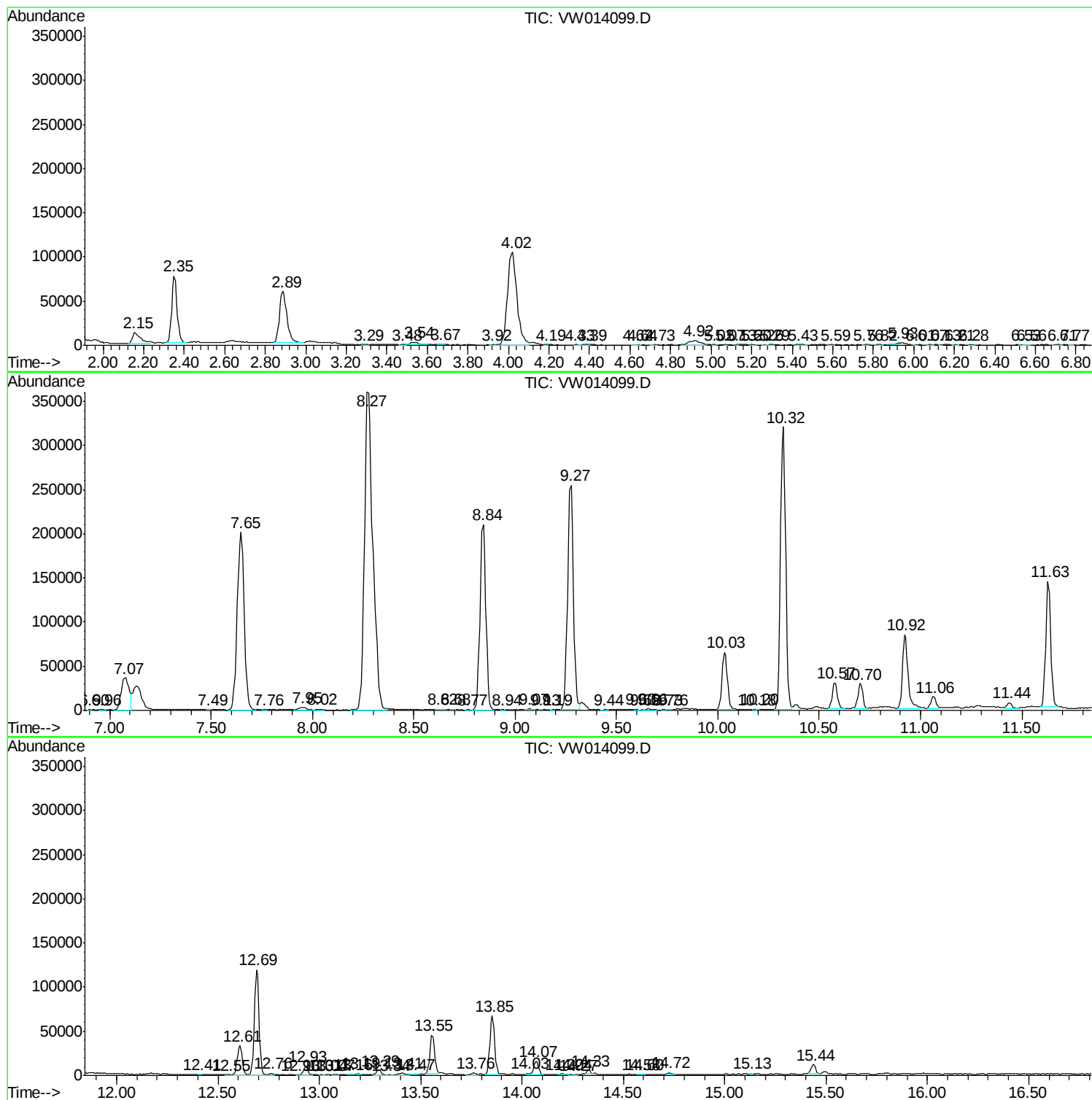
Sum of corrected areas: 5065941

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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



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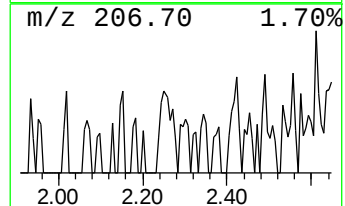
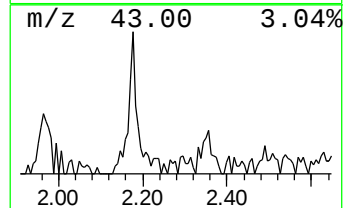
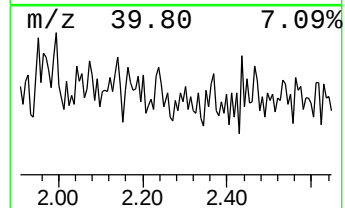
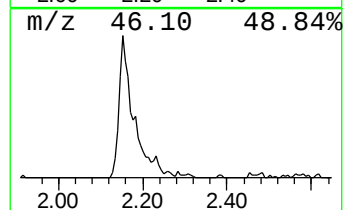
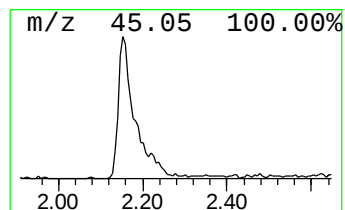
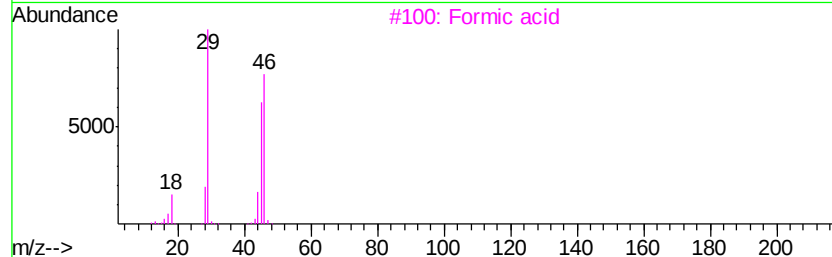
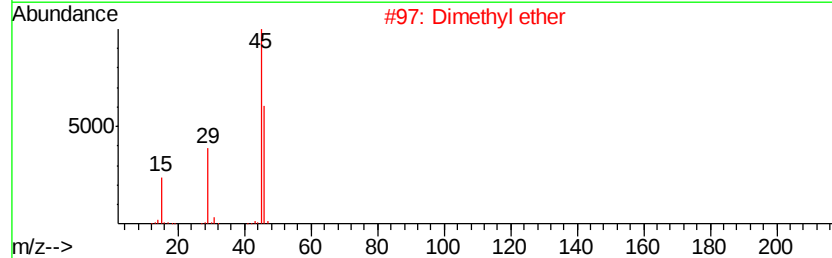
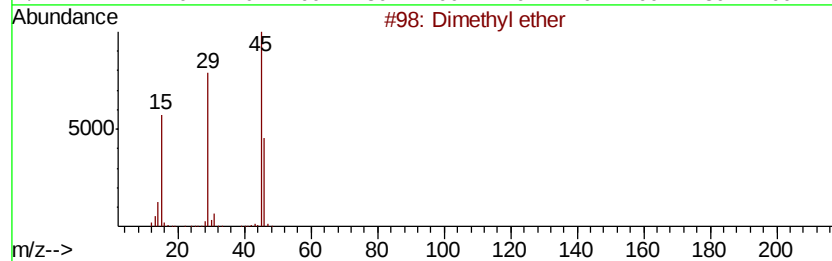
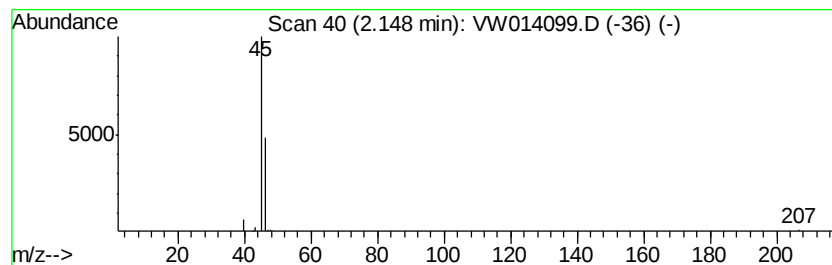
Instrument :
MSVOA_W
ClientSampleId :
C0BJ7RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 1 Dimethyl ether Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	2.10 ug/L	35567	1,4-Difluorobenzene	8.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dimethyl ether	46 C2H6O	000115-10-6	83
2	Dimethyl ether	46 C2H6O	000115-10-6	9
3	Formic acid	46 CH2O2	000064-18-6	5
4	Ethanol	46 C2H6O	000064-17-5	4
5	Ethanol	46 C2H6O	000064-17-5	4



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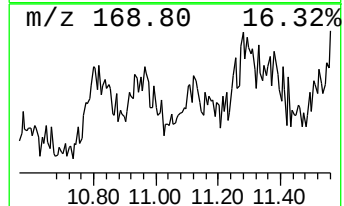
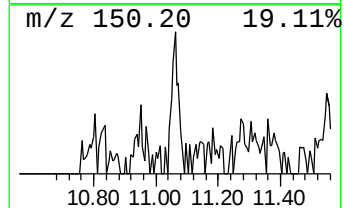
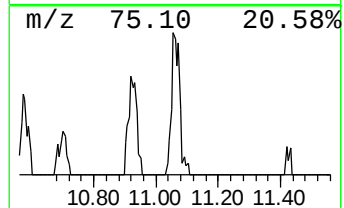
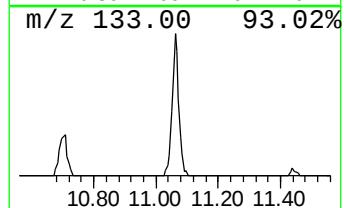
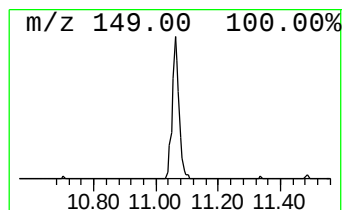
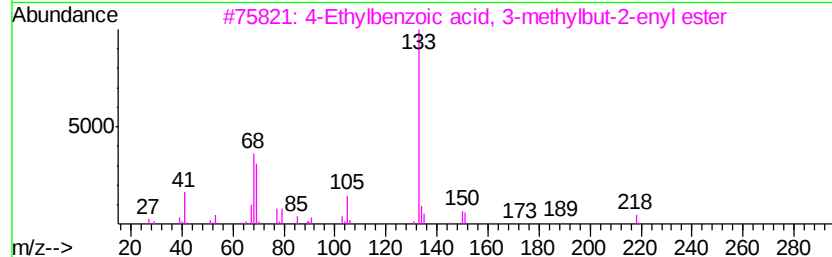
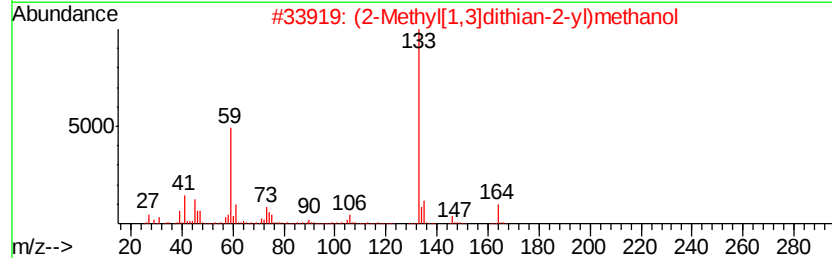
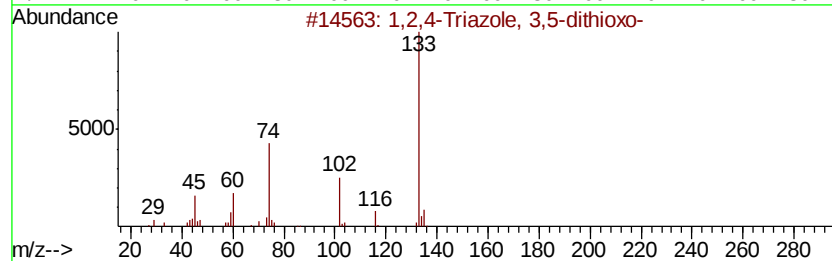
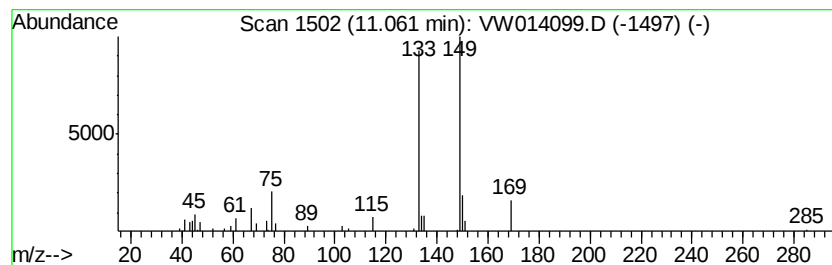
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.32 ug/L	22190	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	27
2		(2-Methyl[1,3]dithian-2-yl)methanol	164	C6H12OS2	1000191-37-4	16
3		4-Ethylbenzoic acid, 3-methylbut...	218	C14H18O2	1000292-54-1	16
4		4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	12
5		2-(2-Methyl-[1,3]dithian-2-yl)met...	280	C11H20O4S2	1000190-42-9	12



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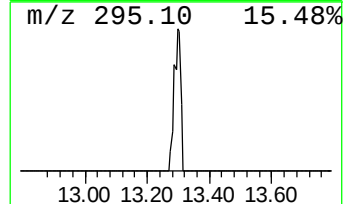
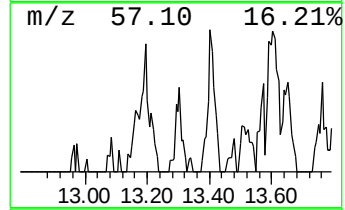
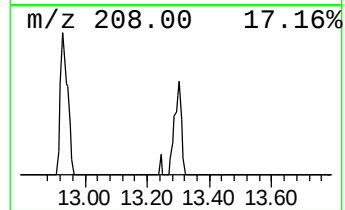
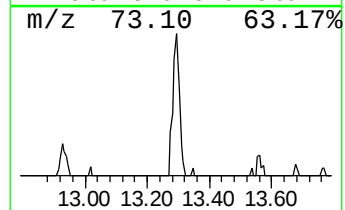
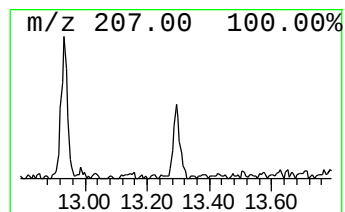
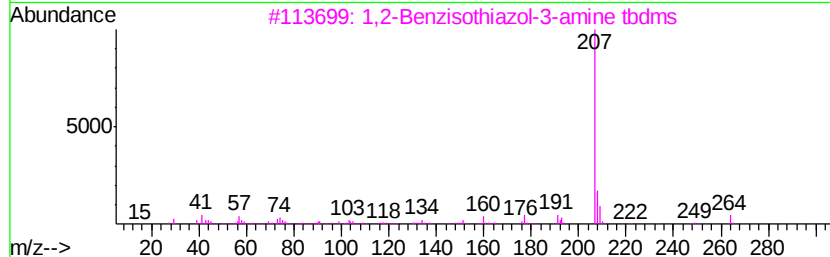
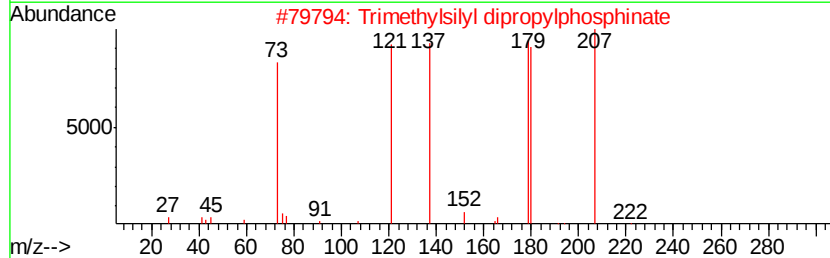
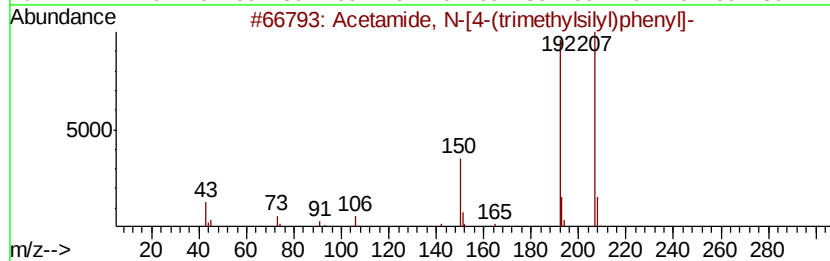
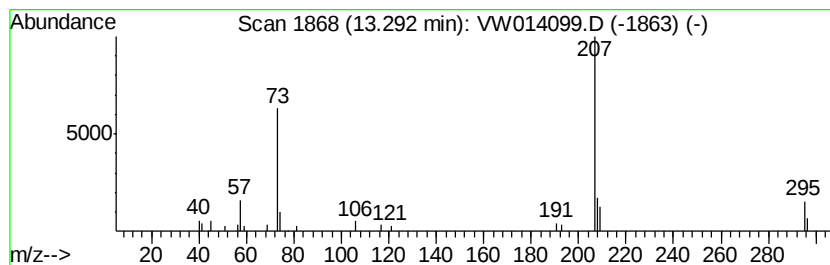
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Quant Title : VOC Analysis

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

Peak Number 7 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.48 ug/L	10061	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Acetamide, N-[4-(trimethylsilyl)...	207 C11H17NOSi	017983-71-0	45
2	Trimethylsilyl dipropylphosphinate	222 C9H23O2PSi	053483-29-7	43
3	1,2-Benzisothiazol-3-amine tbdms	264 C13H20N2SSi	1000332-57-2	39
4	7,7,9,9,11,11-Hexamethyl-3,6,8,1...	384 C14H36O6Si3	1000375-89-1	36
5	Arsenous acid, tris(trimethylsil...	342 C9H27AsO3Si3	055429-29-3	33



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112219\
Data File : VW014099.D
Acq On : 22 Nov 2019 17:09
Operator : SY/VA
Sample : K5989-06RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BJ7RE

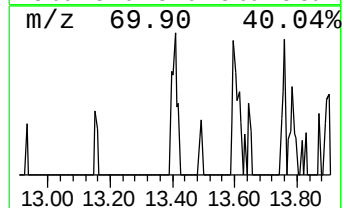
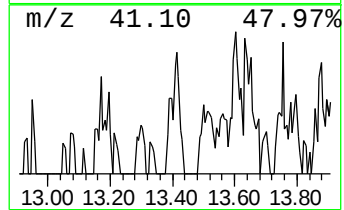
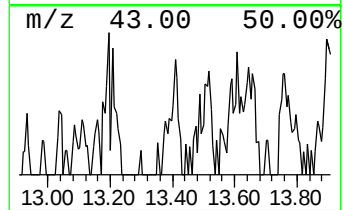
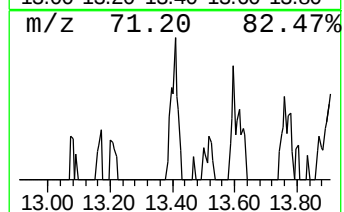
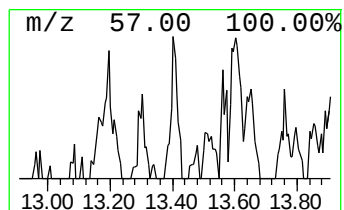
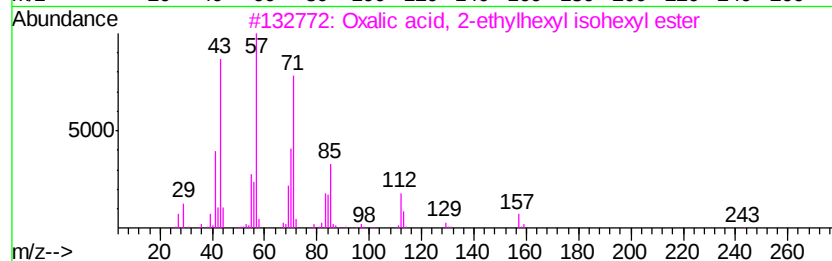
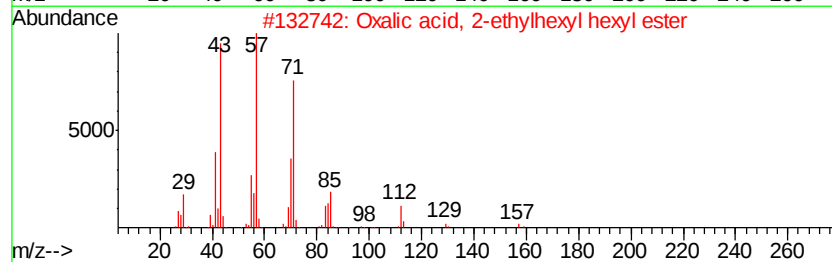
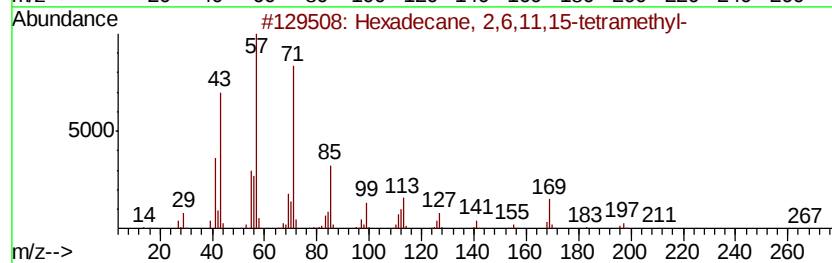
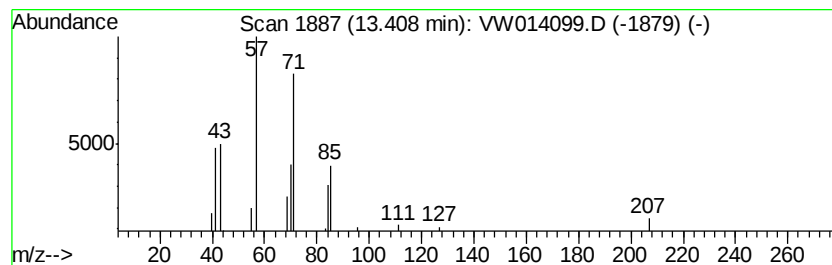
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	1.88 ug/L	5446	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
2			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	50
3			Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	45
4			Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	42
5			Hentriacontane	437	C31H64	000630-04-6	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112219\
Data File : VW014099.D
Acq On : 22 Nov 2019 17:09
Operator : SY/VA
Sample : K5989-06RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BJ7RE

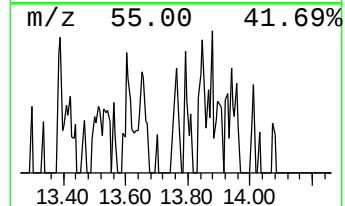
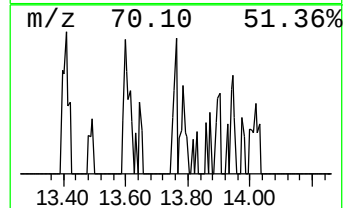
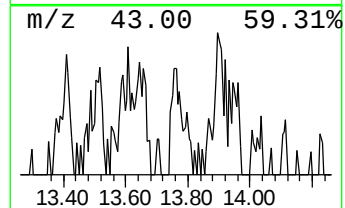
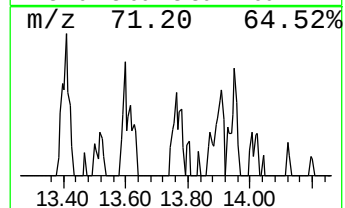
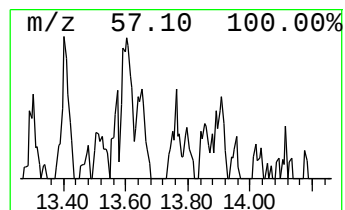
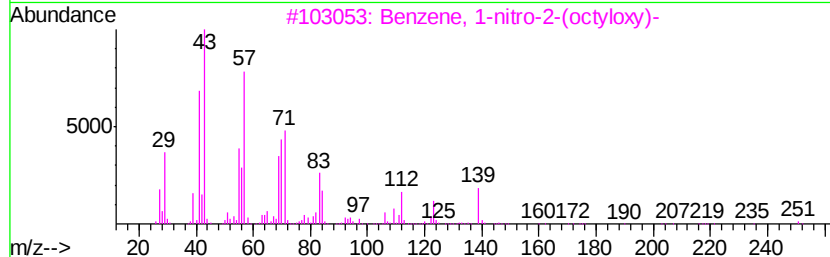
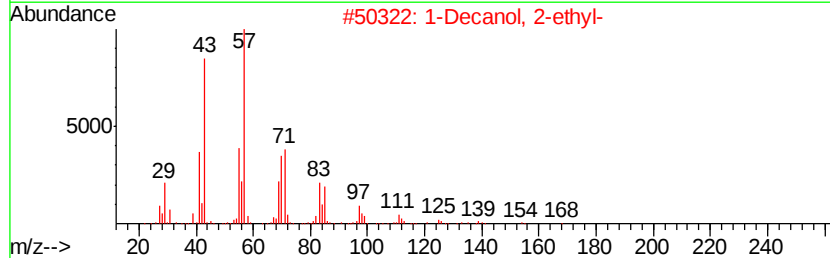
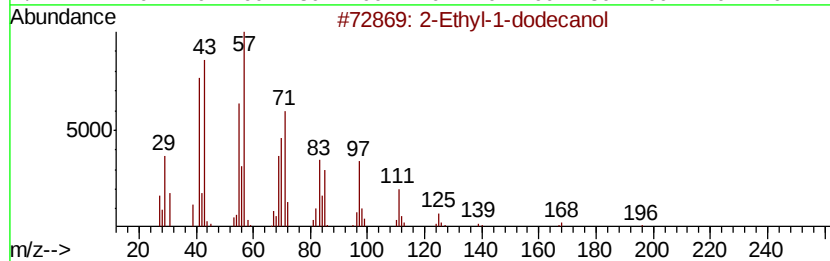
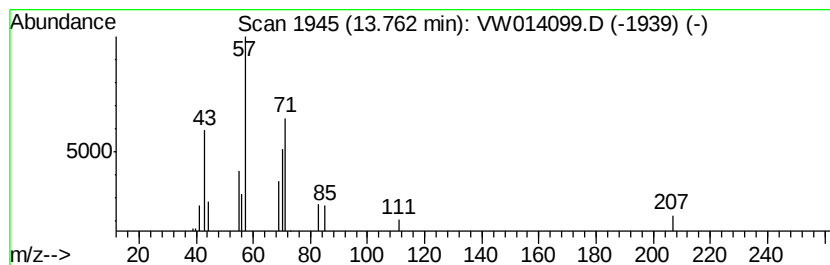
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 9 2-Ethyl-1-dodecanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	1.67 ug/L	4818	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	59
2		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	53
3		Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	47
4		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	42
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112219\
Data File : VW014099.D
Acq On : 22 Nov 2019 17:09
Operator : SY/VA
Sample : K5989-06RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BJ7RE

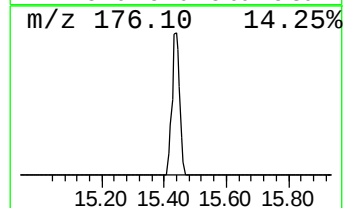
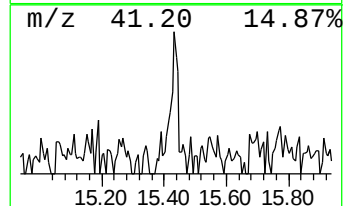
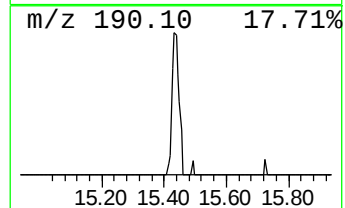
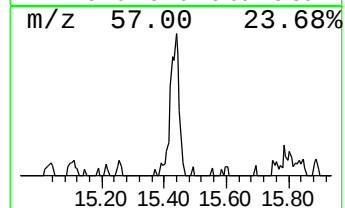
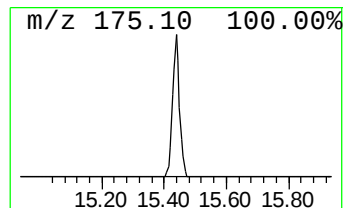
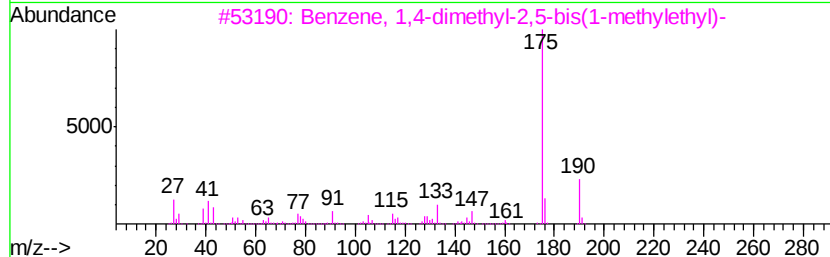
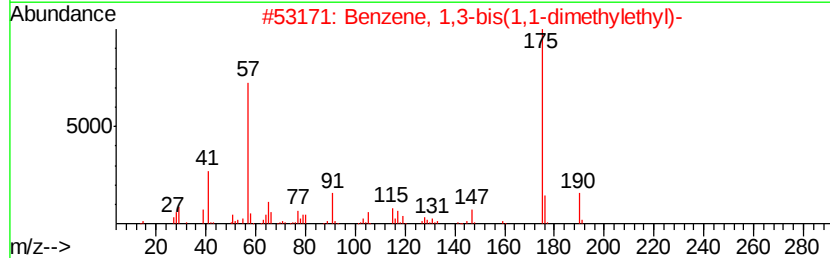
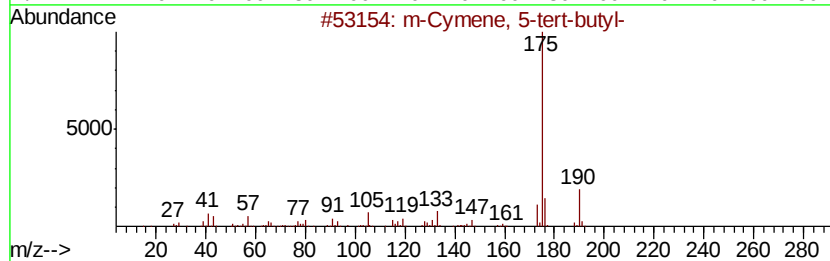
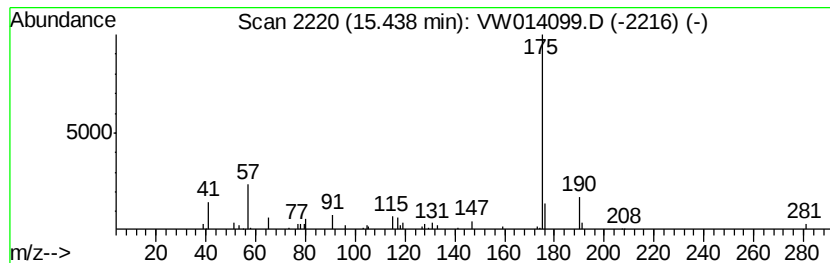
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 12 m-Cymene, 5-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	5.46 ug/L	15798	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	87
2		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	83
3		Benzene, 1,4-dimethyl-2,5-bis(1-methylethyl)-	190	C14H22	010375-96-9	80
4		Benzene, 1,4-dimethyl-2,5-bis(1-methylethyl)-	190	C14H22	010375-96-9	80
5		Benzenepropanal, 4-(1,1-dimethylethyl)-	190	C13H18O	018127-01-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112219\
Data File : VW014099.D
Acq On : 22 Nov 2019 17:09
Operator : SY/VA
Sample : K5989-06RE
Misc : 4.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BJ7RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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
Dimethyl ether	2.15	2.1	ug/L	35567	1	8.84	422593	25.0
unknown-01	11.06	2.3	ug/L	22190	2	11.63	239493	25.0
unknown-02	13.29	3.5	ug/L	10061	3	13.56	72304	25.0
(DEL) Alkane: Str...	13.41	1.9	ug/L	5446	3	13.56	72304	25.0
2-Ethyl-1-dodecanol	13.76	1.7	ug/L	4818	3	13.56	72304	25.0
m-Cymene, 5-tert-...	15.44	5.5	ug/L	15798	3	13.56	72304	25.0