LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003375.D
Acq On : 21 Jun 2018 01:22
Operator : SY/AP
Sample : J3619-01
Misc : 7.20G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ63

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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	17	27	28	rBV	7233	12465	0.28%	0.212%
2	1.813	28	37	58	rVB	1801699	4432804	100.00%	75.315%
3	2.349	121	125	131	rVB	15694	25054	0.57%	0.426%
4	3.898	378	379	380	rBV	605	341	0.01%	0.006%
5	4.007	389	397	406	rVB	23914	63496	1.43%	1.079%
6	4.282	441	442	444	rVB	552	353	0.01%	0.006%
7	4.471	472	473	476	rBV	372	315	0.01%	0.005%
8	4.495	476	477	480	rVB2	676	583	0.01%	0.010%
9	4.580	489	491	494	rBV3	341	306	0.01%	0.005%
10	4.690	506	509	510	rBV2	499	558	0.01%	0.009%
11	4.818	528	530	533	rVB2	514	413	0.01%	0.007%
12	4.904	535	544	553	rBV6	2192	7139	0.16%	0.121%
13	5.019	561	563	565	rBV2	601	550	0.01%	0.009%
14	5.202	591	593	597	rVB2	304	404	0.01%	0.007%
15	5.391	619	624	625	rBV2	459	541	0.01%	0.009%
16	5.464	635	636	639	rBV2	318	308	0.01%	0.005%
17	5.556	649	651	654	rVB3	633	520	0.01%	0.009%
18	5.593	655	657	661	rVB	423	581	0.01%	0.010%
19	5.922	709	711	712	rBV	481	336	0.01%	0.006%
20	6.074	734	736	738	rVB	428	342	0.01%	0.006%
21	6.172	747	752	755	rVB2	314	512	0.01%	0.009%
22	6.202	755	757	761	rBV3	431	449	0.01%	0.008%
23	6.239	761	763	765	rVV	304	313	0.01%	0.005%
24	6.275	765	769	772	rVB2	464	709	0.02%	0.012%
25	6.306	772	774	777	rBV2	262	328	0.01%	0.006%
26	6.367	782	784	786	rBV	331	399	0.01%	0.007%
27	6.489	800	804	807	rBV2	360	507	0.01%	0.009%
28	6.574	813	818	819	rBV3	454	597	0.01%	0.010%
29	6.672	832	834	837	rVB	504	542	0.01%	0.009%
30	6.922	871	875	877	rBV3	374	545	0.01%	0.009%
31	7.001	886	888	891	rBV	414	452	0.01%	0.008%
32	7.086	895	902	910	rBV	6024	17167	0.39%	0.292%
33	7.324	938	941	944	rBV3	460	668	0.02%	0.011%
34	7.476	964	966	969	rBV2	447	536	0.01%	0.009%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
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Acq On : 21 Jun 2018 01:22
Operator : SY/AP
Sample : J3619-01
Misc : 7.20G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ63

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Title : VOC Analysis

35	7.653	985	995	1006	rVV	30554	79167	1.79%	1.345%
36	7.757	1006	1012	1014	rVB3	421	618	0.01%	0.011%
37	7.854	1022	1028	1031	rBV2	250	508	0.01%	0.009%
38	7.927	1037	1040	1041	rBV2	327	317	0.01%	0.005%
39	8.001	1050	1052	1056	rVB2	346	493	0.01%	0.008%
40	8.043	1056	1059	1060	rBV	312	372	0.01%	0.006%
41	8.281	1089	1098	1112	rBV3	59537	182141	4.11%	3.095%
42	8.421	1116	1121	1122	rBV4	633	970	0.02%	0.016%
43	8.494	1131	1133	1135	rBV3	400	325	0.01%	0.006%
44	8.555	1140	1143	1145	rBV2	382	399	0.01%	0.007%
45	8.671	1158	1162	1164	rBV2	253	396	0.01%	0.007%
46	8.738	1170	1173	1175	rBV2	410	469	0.01%	0.008%
47	8.787	1177	1181	1182	rBV2	306	347	0.01%	0.006%
48	8.848	1184	1191	1200	rVB	57801	113226	2.55%	1.924%
49	8.952	1205	1208	1209	rBV2	326	348	0.01%	0.006%
50	9.049	1220	1224	1227	rBV3	787	1374	0.03%	0.023%
51	9.135	1234	1238	1242	rVB2	367	483	0.01%	0.008%
52	9.281	1253	1262	1272	rVB2	43112	89554	2.02%	1.522%
53	10.043	1379	1387	1395	rBV2	21913	40486	0.91%	0.688%
54	10.189	1410	1411	1413	rBV	356	319	0.01%	0.005%
55	10.329	1426	1434	1441	rVV	74716	133334	3.01%	2.265%
56	10.384	1441	1443	1448	rVB3	1060	1614	0.04%	0.027%
57	10.512	1458	1464	1465	rBV2	398	664	0.01%	0.011%
58	10.586	1469	1476	1482	rVV2	14429	26380	0.60%	0.448%
59	10.720	1491	1498	1500	rBV3	976	1619	0.04%	0.028%
60	10.848	1516	1519	1523	rBV2	376	479	0.01%	0.008%
61	10.933	1526	1533	1540	rBV	21382	37980	0.86%	0.645%
62	11.079	1551	1557	1560	rVV5	654	1096	0.02%	0.019%
63	11.110	1560	1562	1564	rVB	384	309	0.01%	0.005%
64	11.171	1570	1572	1575	rBV2	339	365	0.01%	0.006%
65	11.329	1595	1598	1601	rBV2	340	446	0.01%	0.008%
66	11.409	1610	1611	1615	rBV2	619	488	0.01%	0.008%
67	11.634	1638	1648	1656	rBV	84194	146371	3.30%	2.487%
68	11.835	1677	1681	1682	rBV2	719	631	0.01%	0.011%
69	12.457	1780	1783	1784	rBV2	297	332	0.01%	0.006%
70	12.567	1799	1801	1803	rBV2	395	400	0.01%	0.007%
71	12.616	1805	1809	1816	rVV5	1281	2238	0.05%	0.038%

LSC Area Percent Report

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Acq On : 21 Jun 2018 01:22
Operator : SY/AP
Sample : J3619-01
Misc : 7.20G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ63

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Title : VOC Analysis

72	12.701	1816	1823	1832	rVB	37384	62829	1.42%	1.067%
73	12.786	1832	1837	1839	rBV3	534	809	0.02%	0.014%
74	12.817	1839	1842	1845	rBV3	298	394	0.01%	0.007%
75	12.890	1852	1854	1858	rBV2	356	500	0.01%	0.008%
76	13.018	1872	1875	1877	rBV	336	343	0.01%	0.006%
77	13.268	1912	1916	1919	rBV2	904	1144	0.03%	0.019%
78	13.481	1947	1951	1957	rVB5	1363	2153	0.05%	0.037%
79	13.567	1959	1965	1976	rBV	77773	127219	2.87%	2.162%
80	13.652	1976	1979	1983	rVB4	925	1367	0.03%	0.023%
81	13.756	1987	1996	1999	rBV4	3164	7101	0.16%	0.121%
82	13.798	2000	2003	2007	rVB4	3512	5060	0.11%	0.086%
83	13.859	2007	2013	2021	rVB	72785	121524	2.74%	2.065%
84	13.914	2021	2022	2025	rBV3	375	410	0.01%	0.007%
85	13.957	2025	2029	2034	rBV3	1818	2563	0.06%	0.044%
86	14.018	2034	2039	2041	rBV4	3938	5341	0.12%	0.091%
87	14.109	2048	2054	2058	rVB2	9906	15827	0.36%	0.269%
88	14.219	2066	2072	2080	rBV7	1829	4440	0.10%	0.075%
89	14.353	2089	2094	2099	rVB3	3225	5481	0.12%	0.093%
90	14.426	2101	2106	2109	rBV	8601	13832	0.31%	0.235%
91	14.469	2109	2113	2117	rVB2	11879	17454	0.39%	0.297%
92	14.701	2147	2151	2154	rBV4	3295	5407	0.12%	0.092%
93	14.810	2163	2169	2175	rVV4	9790	22242	0.50%	0.378%
94	14.865	2175	2178	2186	rVB3	3266	4954	0.11%	0.084%
95	15.042	2205	2207	2209	rBV3	536	542	0.01%	0.009%
96	15.079	2209	2213	2222	rVV4	4275	9437	0.21%	0.160%
97	15.188	2226	2231	2237	rVV5	1863	3193	0.07%	0.054%
98	15.377	2258	2262	2268	rVB3	3296	5028	0.11%	0.085%
99	15.963	2357	2358	2361	rBV3	600	524	0.01%	0.009%
100	16.731	2482	2484	2486	rBV3	550	345	0.01%	0.006%

Sum of corrected areas: 5885654

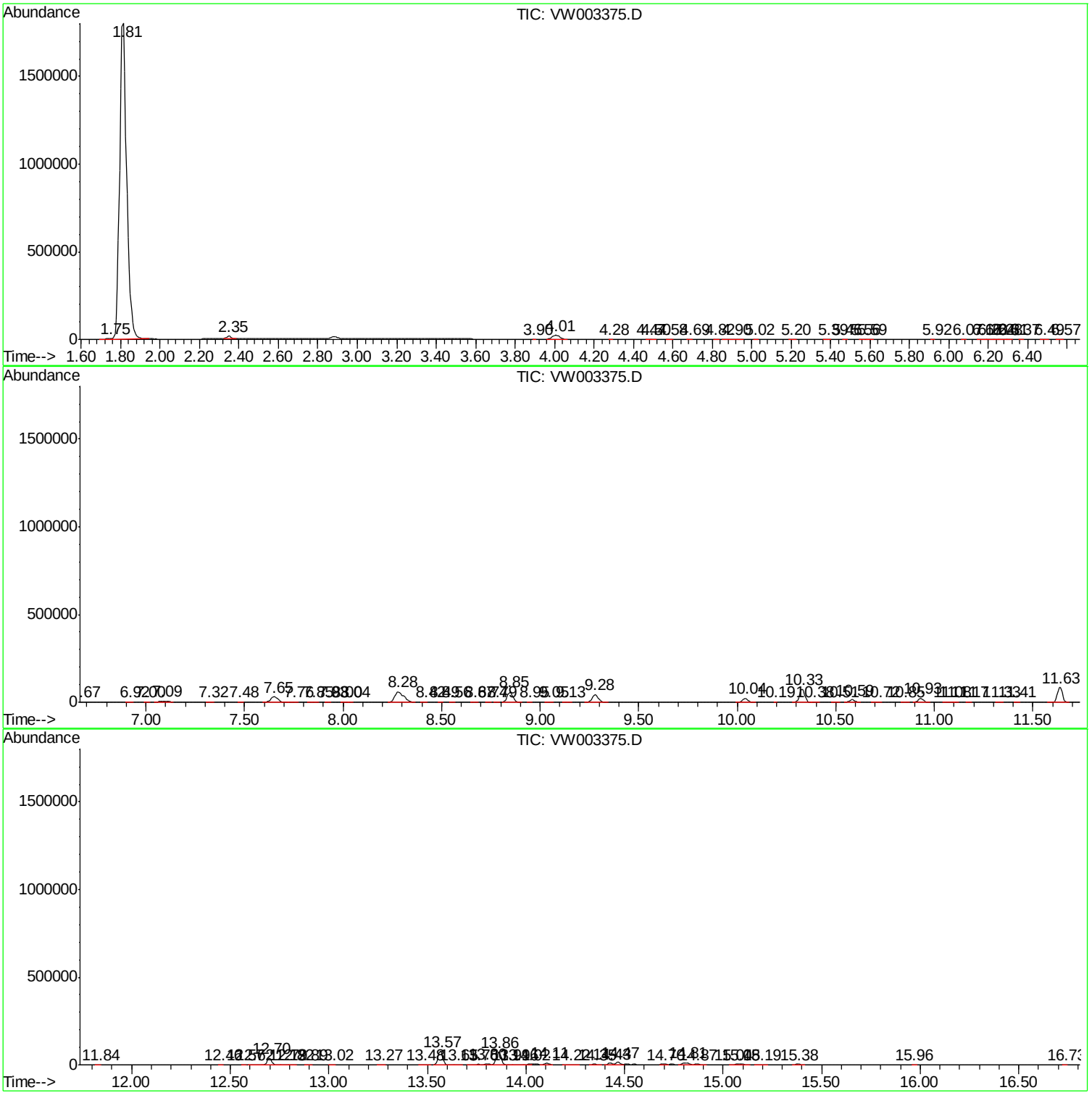
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003375.D
Acq On : 21 Jun 2018 01:22
Operator : SY/AP
Sample : J3619-01
Misc : 7.20G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003375.D
Acq On : 21 Jun 2018 01:22
Operator : SY/AP
Sample : J3619-01
Misc : 7.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

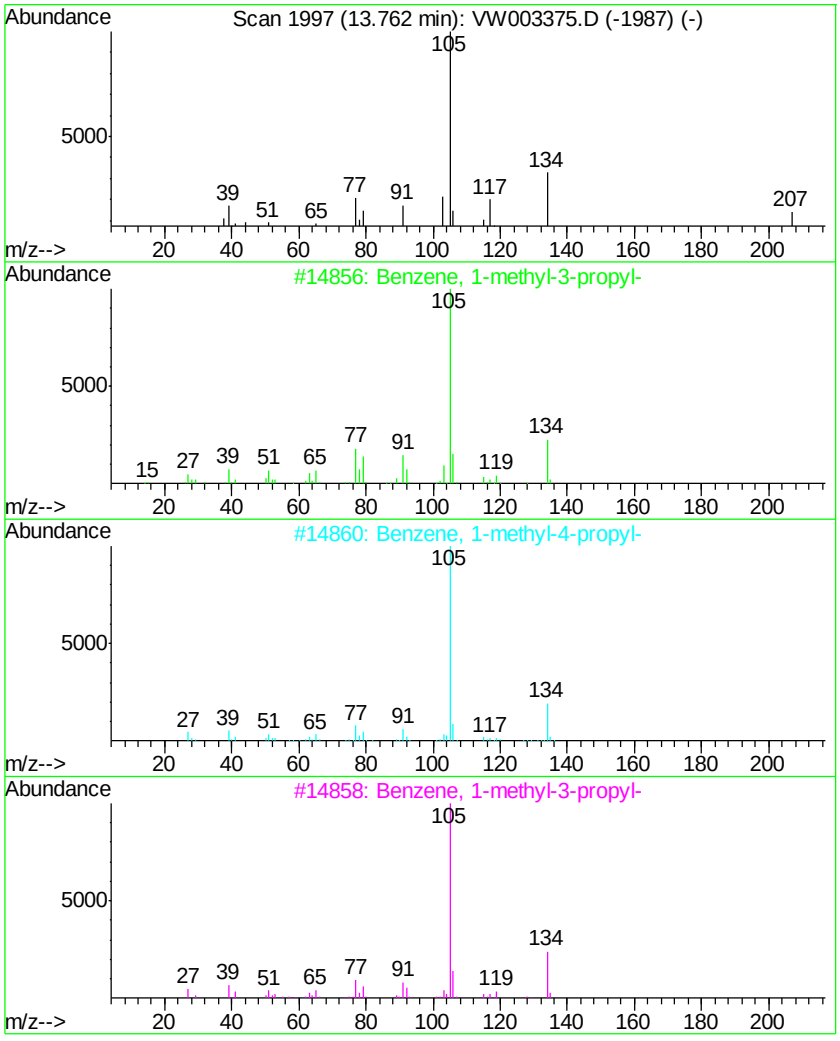
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

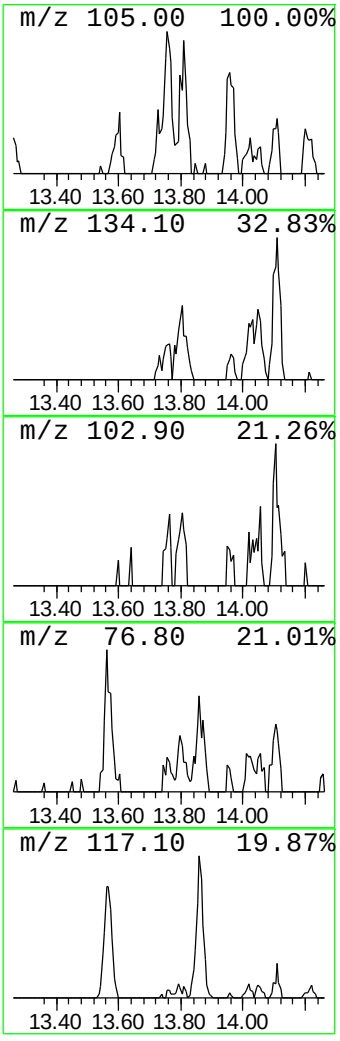
****

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	1.40 ug/L	7101	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	58
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	43
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003375.D
Acq On : 21 Jun 2018 01:22
Operator : SY/AP
Sample : J3619-01
Misc : 7.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

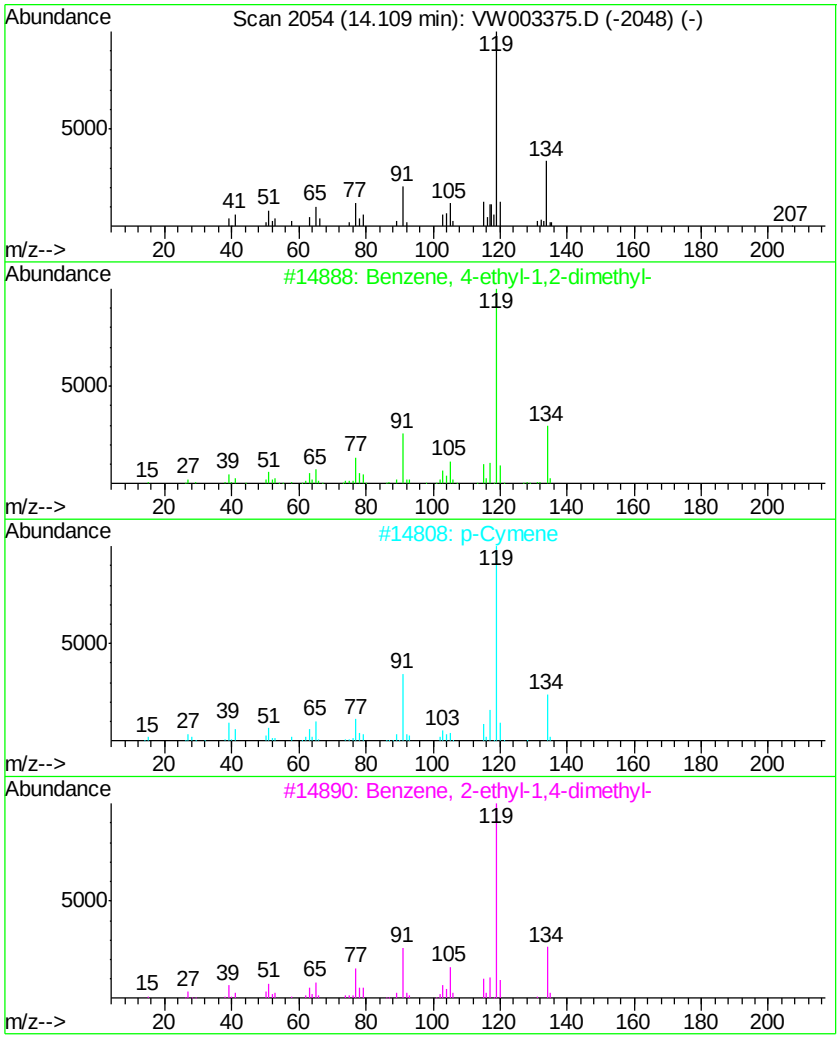
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

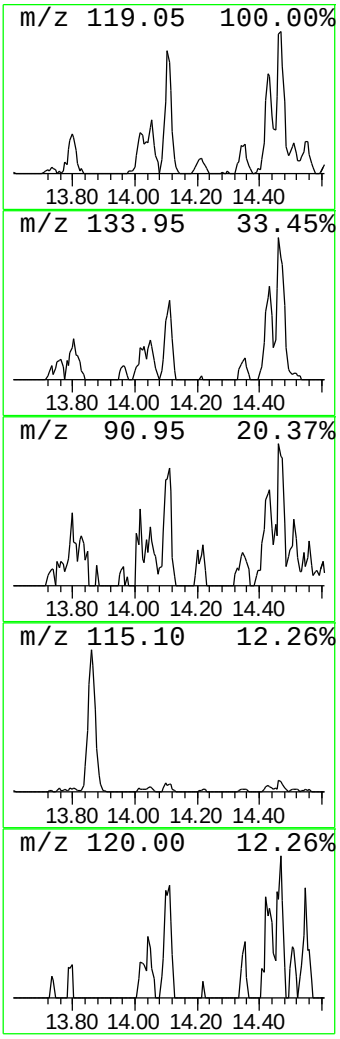
****

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	3.11 ug/L	15827	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	p-Cymene	134	C10H14	000099-87-6	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003375.D
Acq On : 21 Jun 2018 01:22
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Misc : 7.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

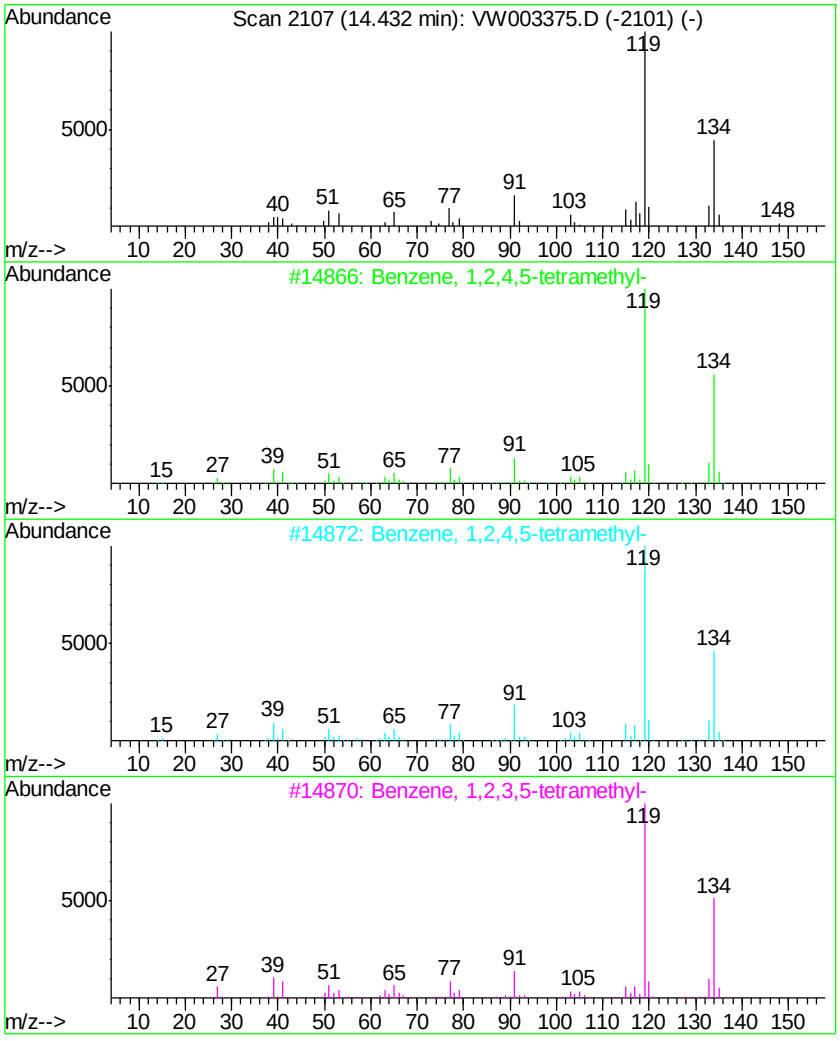
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

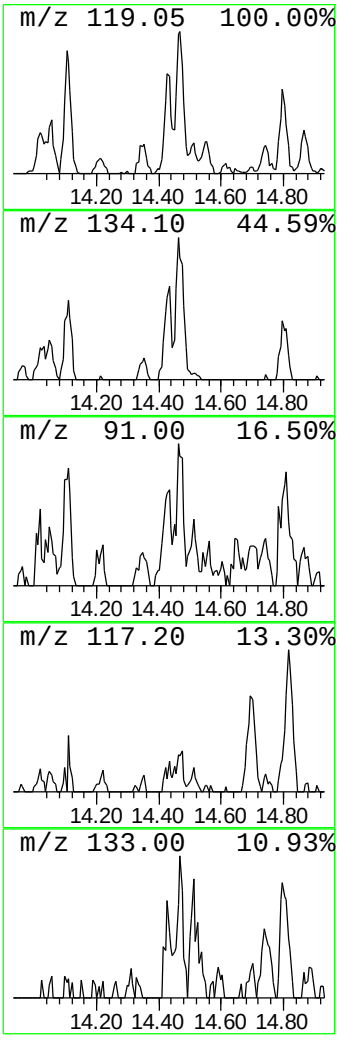
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.72 ug/L	13832	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





Library Search Compound Report

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Data File : VW003375.D
Acq On : 21 Jun 2018 01:22
Operator : SY/AP
Sample : J3619-01
Misc : 7.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

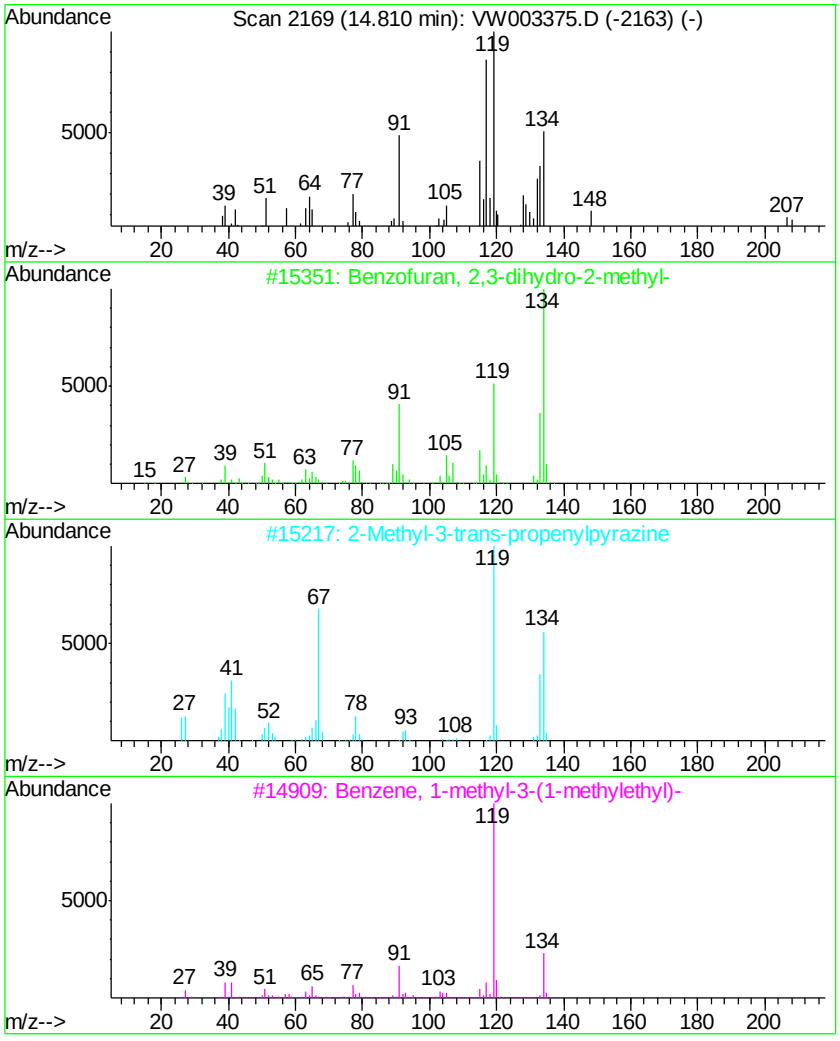
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

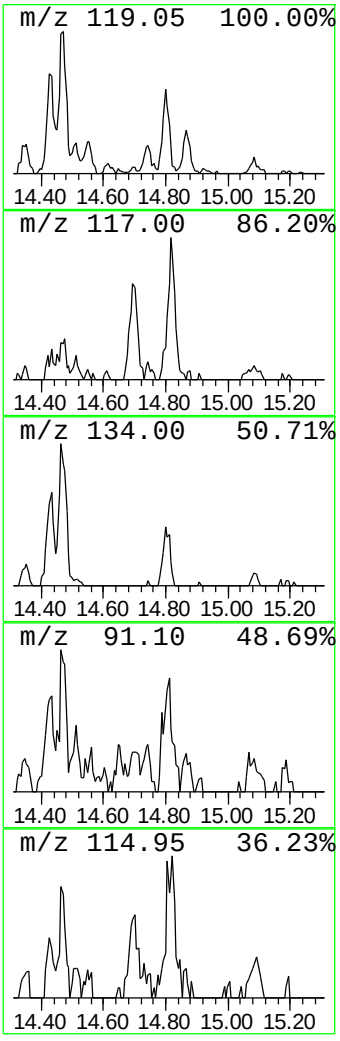
****

Peak Number 9 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.37 ug/L	22242	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	43
2	2-Methyl-3-trans-propenylpyrazine	134	C8H10N2	232255-41-3	38
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
4	2-Methyl-3-trans-propenylpyrazine	134	C8H10N2	232255-41-3	38
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003375.D
Acq On : 21 Jun 2018 01:22
Operator : SY/AP
Sample : J3619-01
Misc : 7.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

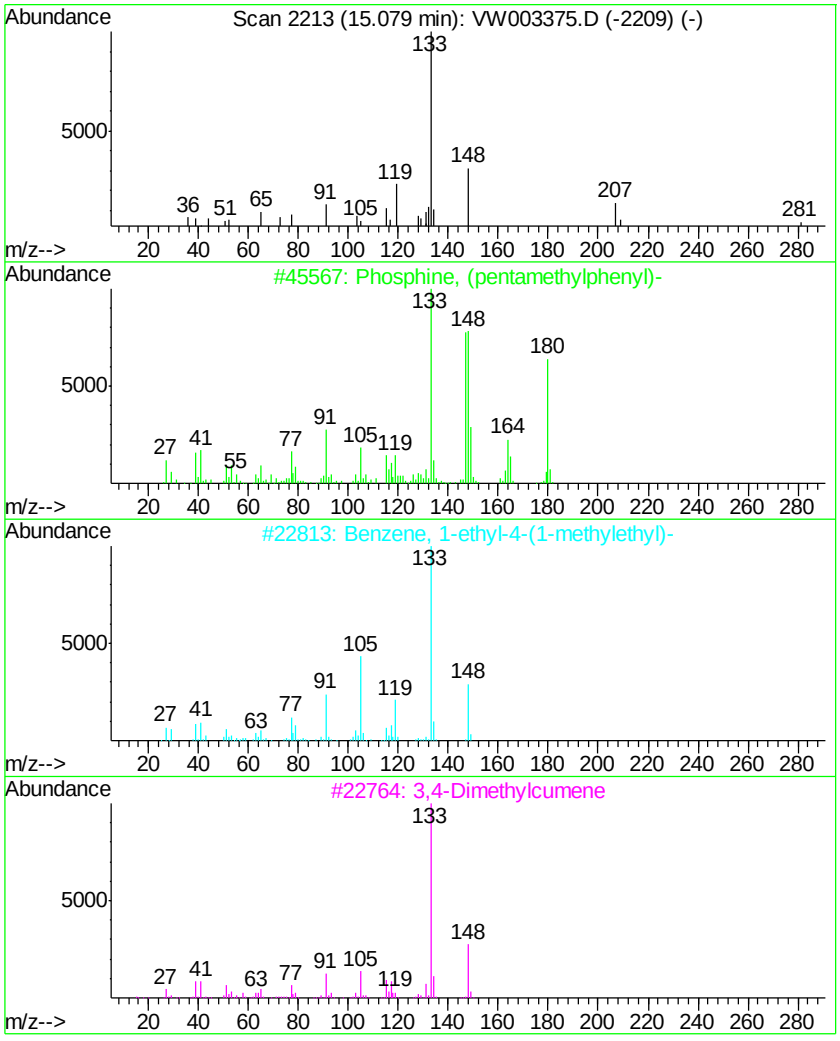
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

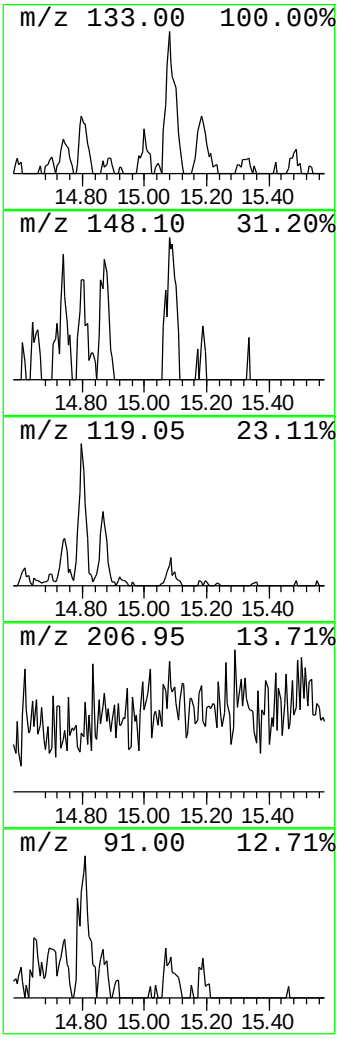
****

Peak Number 10 Phosphine, (pentamethylphen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	1.85 ug/L	9437	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine, (pentamethylphenyl)-	180	C11H17P	1000162-21-6	59
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	59
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	53
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	50
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003375.D
Acq On : 21 Jun 2018 01:22
Operator : SY/AP
Sample : J3619-01
Misc : 7.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-methyl...	13.76	1.4	ug/L	7101	3	13.57	127219	25.0
Benzene, 4-ethyl-...	14.11	3.1	ug/L	15827	3	13.57	127219	25.0
Benzene, 1,2,4,5-...	14.43	2.7	ug/L	13832	3	13.57	127219	25.0
unknown-01	14.81	4.4	ug/L	22242	3	13.57	127219	25.0
Phosphine, (penta...	15.08	1.9	ug/L	9437	3	13.57	127219	25.0