LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
Data File : VW003386.D
Acq On : 21 Jun 2018 14:36
Operator : SY/AP
Sample : J3569-13RE
Misc : 6.98G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR4RE

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	1.648	9	10	14	rVB	728	535	0.01%	0.007%
2	1.691	14	17	18	rBV	370	461	0.01%	0.006%
3	1.752	19	27	28	rBV	10520	17510	0.35%	0.230%
4	1.807	28	36	58	rVB	2240577	5031126	100.00%	66.018%
5	2.349	120	125	132	rVB	35824	59422	1.18%	0.780%
6	3.928	382	384	385	rBV	532	368	0.01%	0.005%
7	4.007	387	397	410	rVV	51306	136697	2.72%	1.794%
8	4.123	411	416	428	rVV2	5292	14982	0.30%	0.197%
9	4.227	432	433	435	rBV2	435	287	0.01%	0.004%
10	4.428	464	466	469	rVB3	669	551	0.01%	0.007%
11	4.635	498	500	503	rVB2	571	518	0.01%	0.007%
12	4.666	503	505	507	rBV2	523	642	0.01%	0.008%
13	4.904	536	544	555	rBV3	5218	15003	0.30%	0.197%
14	5.087	572	574	578	rBV3	448	624	0.01%	0.008%
15	5.123	578	580	581	rVV	388	311	0.01%	0.004%
16	5.141	581	583	586	rVV2	507	493	0.01%	0.006%
17	5.178	586	589	591	rVB2	621	575	0.01%	0.008%
18	5.208	593	594	597	rBV2	331	394	0.01%	0.005%
19	5.318	610	612	616	rBV2	345	561	0.01%	0.007%
20	5.404	621	626	627	rBV2	437	546	0.01%	0.007%
21	5.617	657	661	662	rBV	242	332	0.01%	0.004%
22	5.696	673	674	677	rBV2	311	323	0.01%	0.004%
23	5.733	677	680	681	rBV	522	415	0.01%	0.005%
24	5.788	686	689	691	rBV3	372	448	0.01%	0.006%
25	5.928	706	712	713	rBV3	1828	2593	0.05%	0.034%
26	6.001	721	724	725	rBV	315	339	0.01%	0.004%
27	6.111	740	742	743	rBV	413	304	0.01%	0.004%
28	6.196	754	756	759	rVB2	362	327	0.01%	0.004%
29	6.251	764	765	767	rBV	526	452	0.01%	0.006%
30	6.306	772	774	777	rBV3	445	624	0.01%	0.008%
31	6.367	782	784	786	rVB2	438	387	0.01%	0.005%
32	6.391	786	788	791	rBV	415	342	0.01%	0.004%
33	6.428	791	794	795	rVB2	297	281	0.01%	0.004%
34	6.452	795	798	803	rVB3	594	948	0.02%	0.012%

LSC Area Percent Report

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Operator : SY/AP
Sample : J3569-13RE
Misc : 6.98G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR4RE

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	6.507	805	807	808	rVB	575	298	0.01%	0.004%
36	6.574	816	818	819	rBV	550	303	0.01%	0.004%
37	6.605	822	823	826	rBV2	304	334	0.01%	0.004%
38	6.702	836	839	840	rBV2	378	355	0.01%	0.005%
39	6.751	844	847	850	rVB3	393	478	0.01%	0.006%
40	6.897	869	871	875	rBV3	532	732	0.01%	0.010%
41	6.983	882	885	886	rBV2	405	459	0.01%	0.006%
42	7.086	893	902	911	rBV2	11248	33397	0.66%	0.438%
43	7.409	952	955	958	rVB2	515	642	0.01%	0.008%
44	7.501	968	970	972	rVV2	557	592	0.01%	0.008%
45	7.556	975	979	981	rBV4	530	577	0.01%	0.008%
46	7.653	984	995	1004	rBV	61392	150111	2.98%	1.970%
47	7.745	1008	1010	1014	rVB2	527	630	0.01%	0.008%
48	7.806	1016	1020	1022	rBV2	303	413	0.01%	0.005%
49	7.848	1026	1027	1030	rBV	343	430	0.01%	0.006%
50	7.934	1039	1041	1043	rBV2	470	475	0.01%	0.006%
51	8.092	1065	1067	1068	rVB	555	327	0.01%	0.004%
52	8.141	1072	1075	1077	rBV2	388	511	0.01%	0.007%
53	8.177	1080	1081	1083	rBV	438	284	0.01%	0.004%
54	8.281	1088	1098	1111	rVV2	112748	343567	6.83%	4.508%
55	8.458	1125	1127	1130	rBV3	303	379	0.01%	0.005%
56	8.494	1130	1133	1135	rBV2	404	365	0.01%	0.005%
57	8.598	1148	1150	1154	rVB2	511	527	0.01%	0.007%
58	8.647	1157	1158	1159	rBV	482	290	0.01%	0.004%
59	8.708	1167	1168	1170	rBV2	402	305	0.01%	0.004%
60	8.787	1178	1181	1182	rBV	506	552	0.01%	0.007%
61	8.848	1183	1191	1200	rVV	107695	215776	4.29%	2.831%
62	8.927	1202	1204	1207	rVV	416	340	0.01%	0.004%
63	9.031	1218	1221	1222	rBV3	770	1001	0.02%	0.013%
64	9.122	1233	1236	1241	rBV2	590	1053	0.02%	0.014%
65	9.171	1241	1244	1245	rBV2	327	297	0.01%	0.004%
66	9.189	1245	1247	1249	rBV3	379	511	0.01%	0.007%
67	9.281	1254	1262	1273	rVB	80956	164015	3.26%	2.152%
68	9.427	1283	1286	1287	rBV	525	423	0.01%	0.006%
69	9.525	1300	1302	1305	rVB2	546	503	0.01%	0.007%
70	9.574	1308	1310	1311	rVV	476	297	0.01%	0.004%
71	9.592	1311	1313	1316	rVB2	690	560	0.01%	0.007%

LSC Area Percent Report

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Data File : VW003386.D
Acq On : 21 Jun 2018 14:36
Operator : SY/AP
Sample : J3569-13RE
Misc : 6.98G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR4RE

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	9.616	1316	1317	1319	rBV2	429	310	0.01%	0.004%
73	9.641	1319	1321	1323	rBV3	462	317	0.01%	0.004%
74	9.756	1338	1340	1347	rVB7	1970	3509	0.07%	0.046%
75	9.805	1347	1348	1350	rBV	498	308	0.01%	0.004%
76	9.854	1354	1356	1358	rBV2	403	306	0.01%	0.004%
77	9.903	1358	1364	1368	rVB3	3399	6938	0.14%	0.091%
78	10.037	1379	1386	1394	rBV	39894	75421	1.50%	0.990%
79	10.177	1407	1409	1410	rBV	557	354	0.01%	0.005%
80	10.329	1426	1434	1440	rBV	148812	261483	5.20%	3.431%
81	10.500	1459	1462	1463	rBV2	742	714	0.01%	0.009%
82	10.579	1468	1475	1482	rBV	28134	50207	1.00%	0.659%
83	10.933	1526	1533	1541	rBV	42077	75187	1.49%	0.987%
84	11.073	1553	1556	1561	rVB4	4950	8235	0.16%	0.108%
85	11.415	1609	1612	1616	rVB3	2076	3155	0.06%	0.041%
86	11.531	1627	1631	1634	rBV4	2371	3558	0.07%	0.047%
87	11.634	1642	1648	1656	rBV	148086	252869	5.03%	3.318%
88	11.823	1677	1679	1681	rBV2	1021	860	0.02%	0.011%
89	11.933	1694	1697	1698	rBV	662	655	0.01%	0.009%
90	12.701	1817	1823	1829	rVB	62585	105083	2.09%	1.379%
91	13.567	1958	1965	1972	rBV	120596	195098	3.88%	2.560%
92	13.865	2008	2014	2021	rVB	108273	185446	3.69%	2.433%
93	14.109	2049	2054	2061	rVB2	16226	27789	0.55%	0.365%
94	14.426	2102	2106	2110	rBV2	16618	26654	0.53%	0.350%
95	14.536	2117	2124	2130	rVB5	23565	60290	1.20%	0.791%
96	14.804	2163	2168	2171	rBV3	13463	26709	0.53%	0.350%
97	15.079	2209	2213	2221	rBV2	11841	23849	0.47%	0.313%
98	15.188	2227	2231	2237	rVB6	5869	10883	0.22%	0.143%
99	15.664	2307	2309	2313	rBV5	1578	2095	0.04%	0.027%
100	16.024	2366	2368	2369	rBV	953	733	0.01%	0.010%

Sum of corrected areas: 7620845

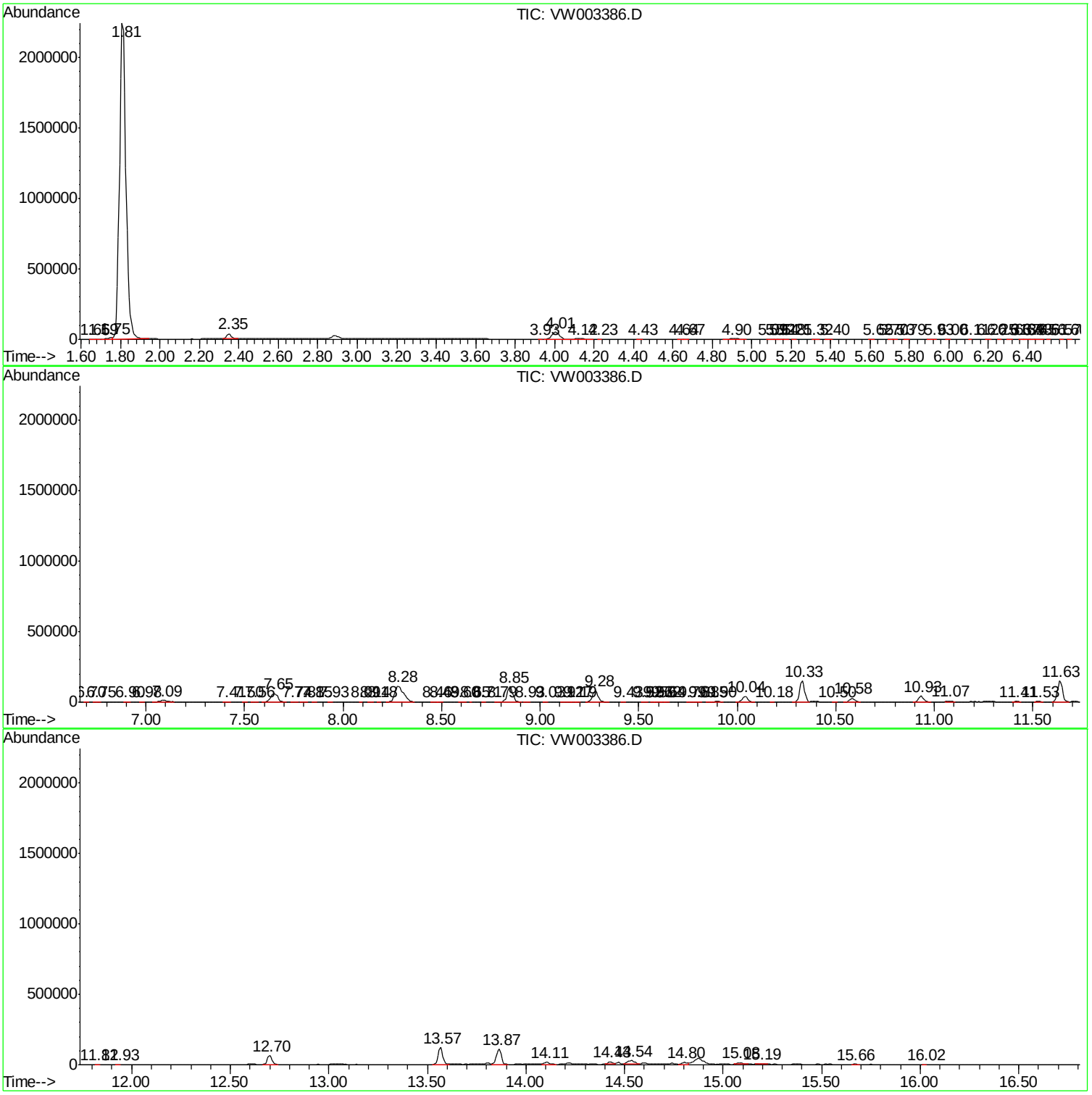
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
Data File : VW003386.D
Acq On : 21 Jun 2018 14:36
Operator : SY/AP
Sample : J3569-13RE
Misc : 6.98G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR4RE

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003386.D
Acq On : 21 Jun 2018 14:36
Operator : SY/AP
Sample : J3569-13RE
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

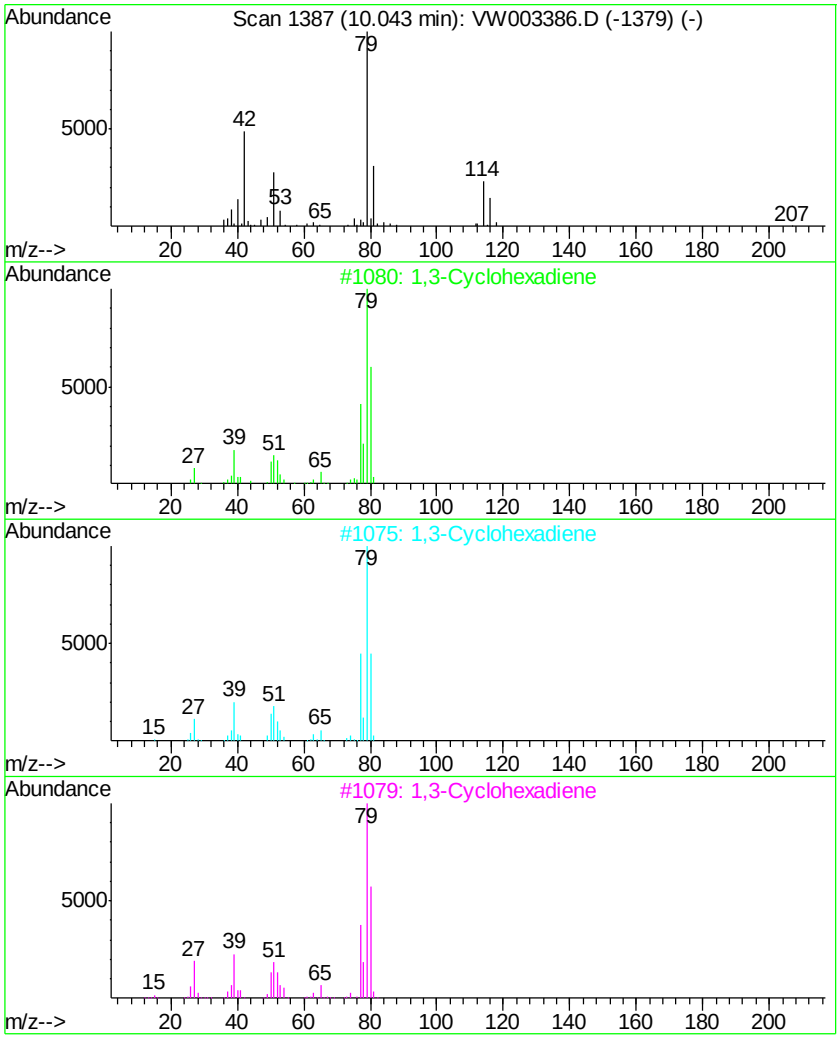
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

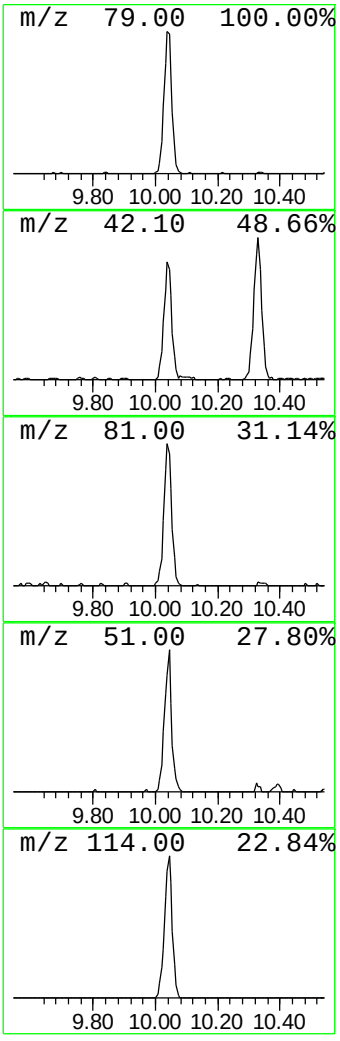
****

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	8.74 ug/L	75421	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	38
2	1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
3	1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
4	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
5	Cyclopropane	42	C3H6	000075-19-4	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003386.D
Acq On : 21 Jun 2018 14:36
Operator : SY/AP
Sample : J3569-13RE
Misc : 6.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR4RE

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

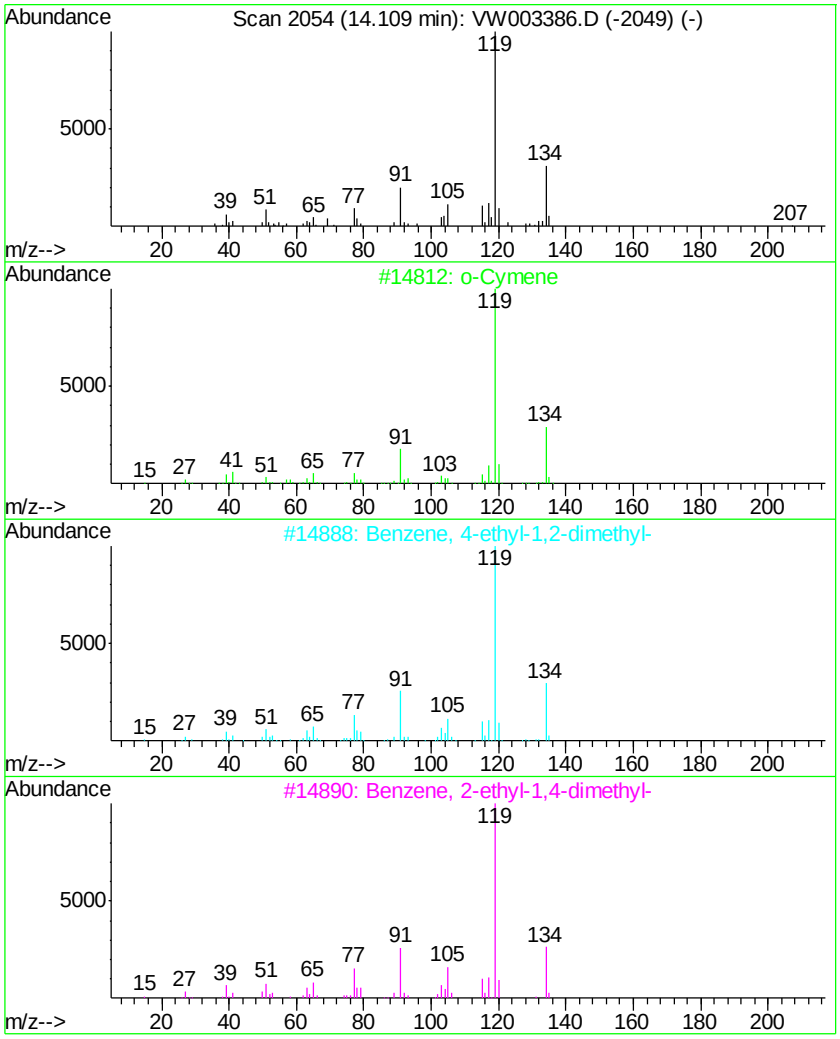
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

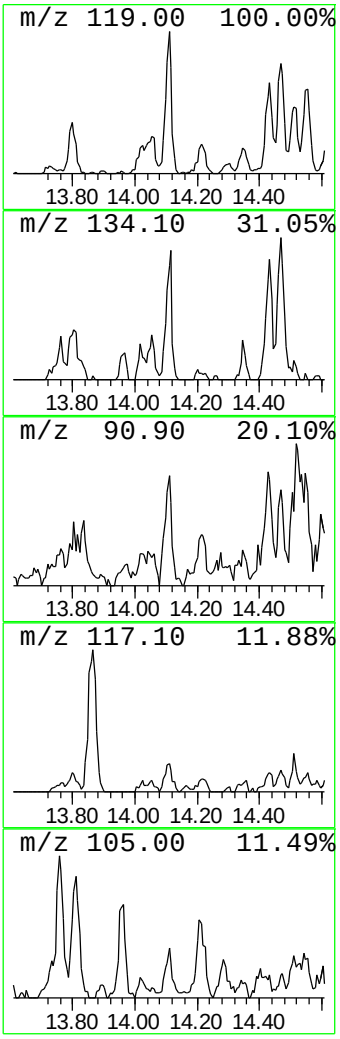
****

Peak Number 4 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	3.56 ug/L	27789	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR4RE

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

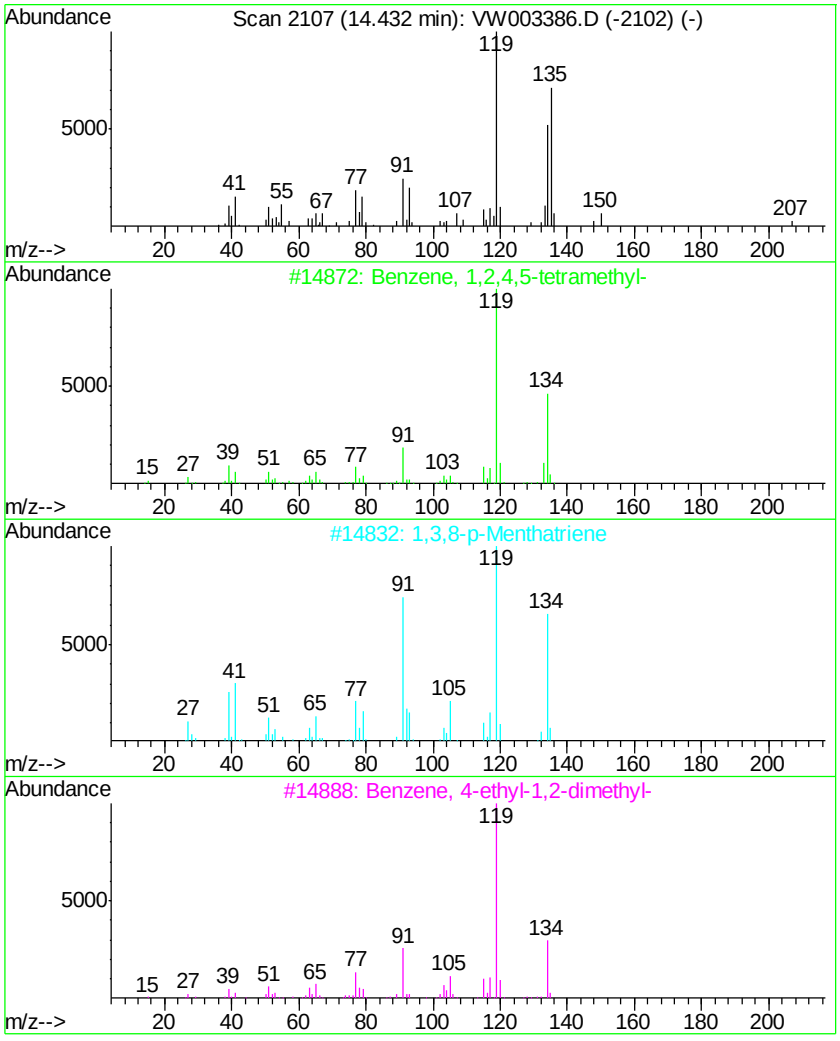
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

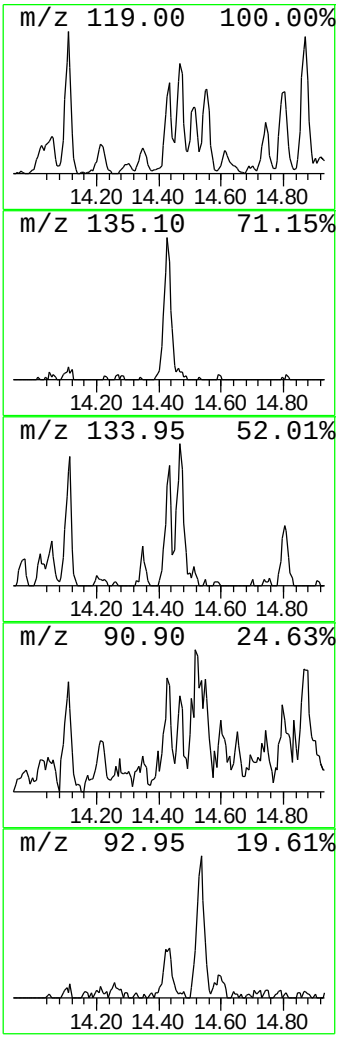
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.42 ug/L	26654	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	50
2	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	46
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	45
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	45
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	45





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Misc : 6.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR4RE

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

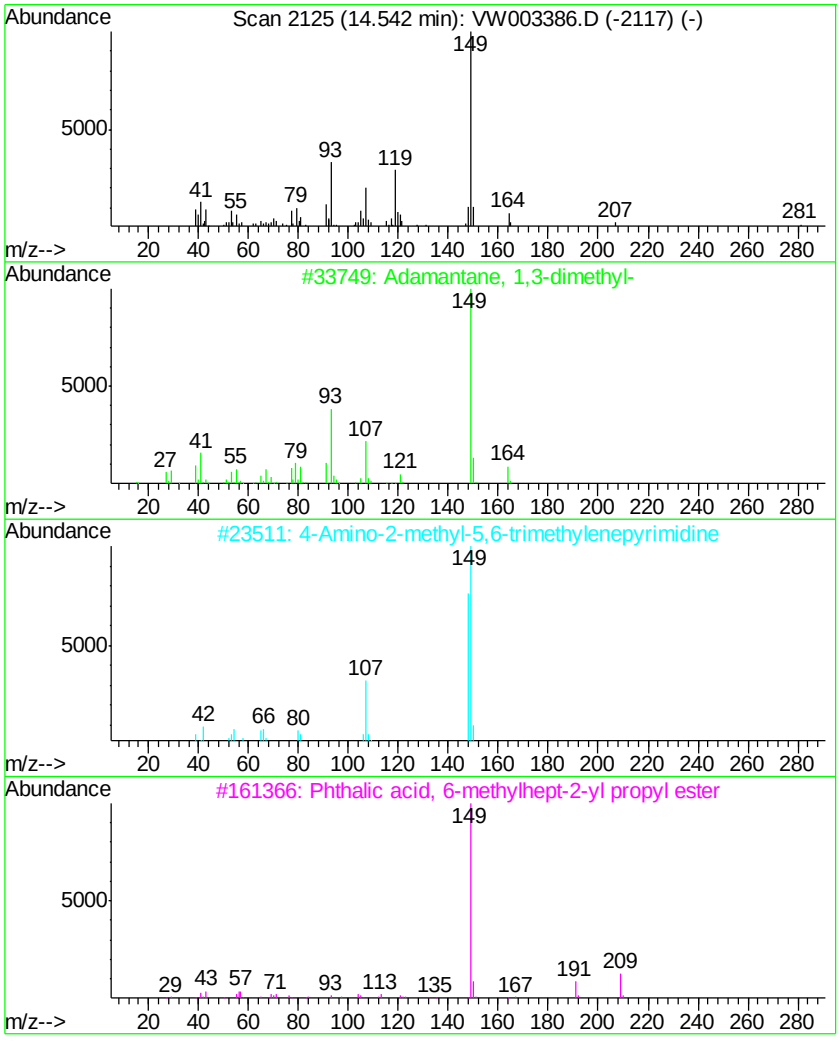
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

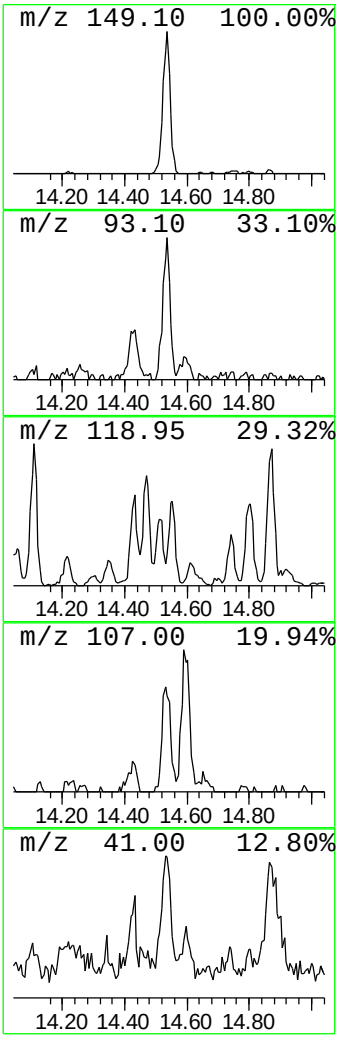
****

Peak Number 6 Adamantane, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	7.73 ug/L	60290	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	60
2	4-Amino-2-methyl-5,6-trimethylen...	149	C8H11N3	076881-49-7	53
3	Phthalic acid, 6-methylhept-2-yl...	320	C19H28O4	1000377-95-6	50
4	Phthalic acid, 2-chloropropyl oc...	354	C19H27ClO4	1000356-82-9	50
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003386.D
Acq On : 21 Jun 2018 14:36
Operator : SY/AP
Sample : J3569-13RE
Misc : 6.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR4RE

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

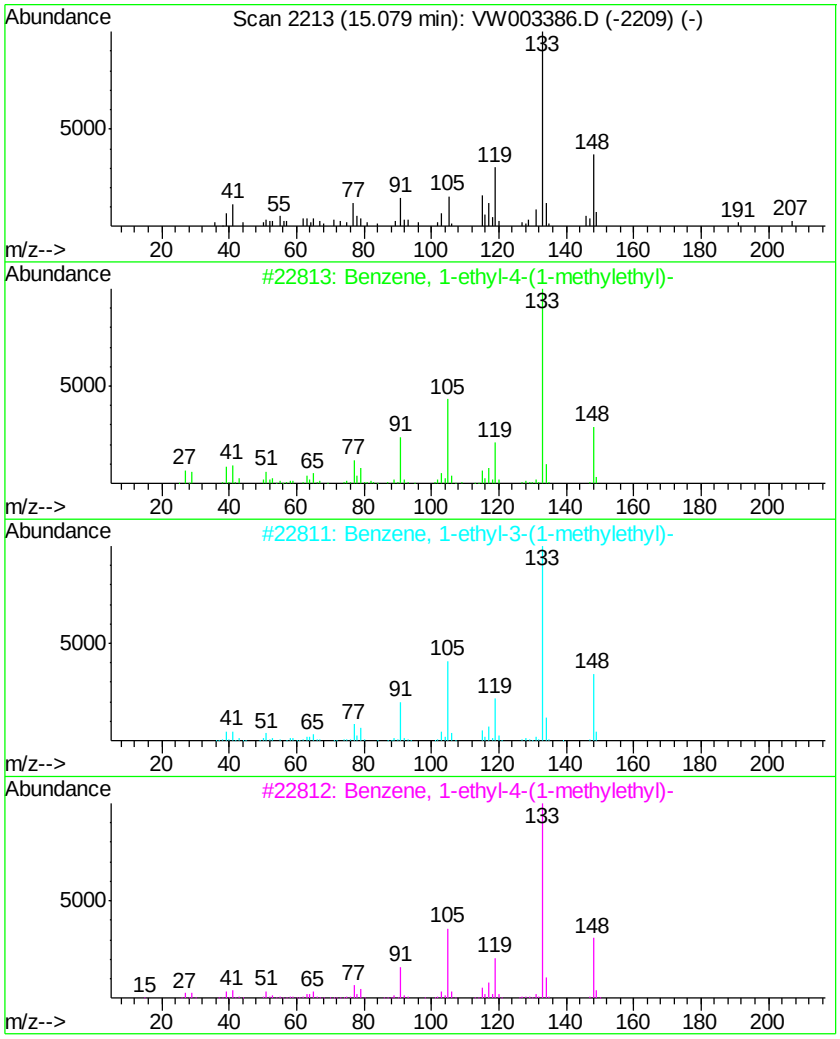
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

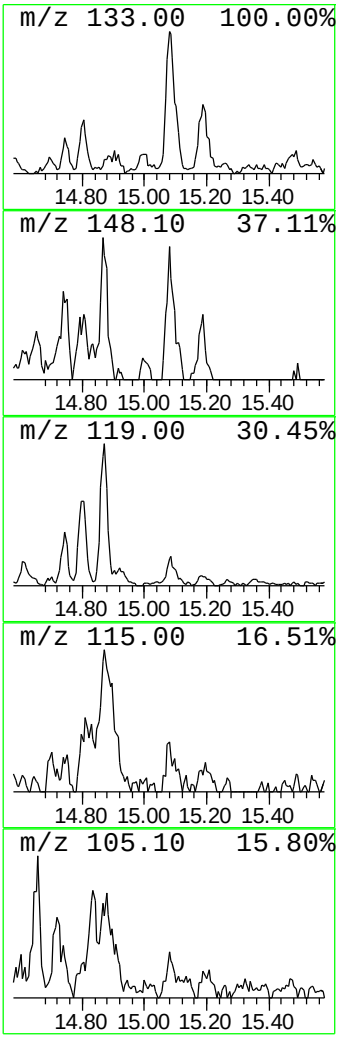
****

Peak Number 8 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	3.06 ug/L	23849	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	80
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	74
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003386.D
Acq On : 21 Jun 2018 14:36
Operator : SY/AP
Sample : J3569-13RE
Misc : 6.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR4RE

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

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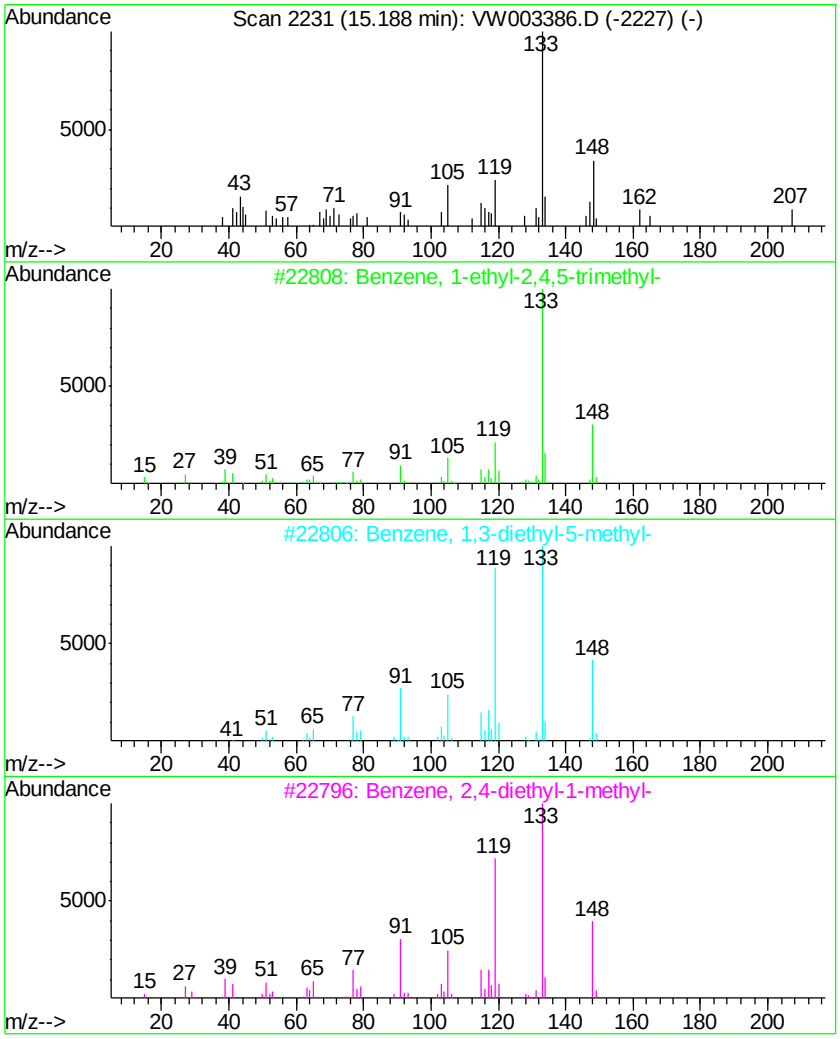
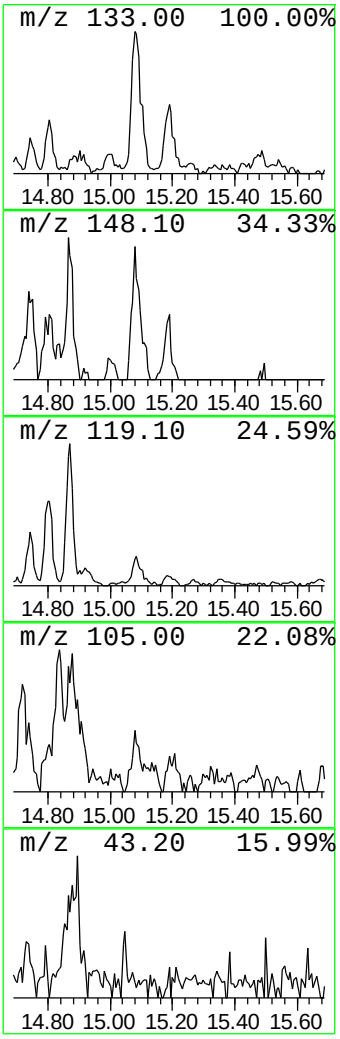
Peak Number 9 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	1.39 ug/L	10883	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	64
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	62
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	58
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	58
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	53





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	10.04	8.7	ug/L	75421	1	8.85	215776	25.0
o-Cymene	14.11	3.6	ug/L	27789	3	13.57	195098	25.0
Benzene, 1,2,4,5-...	14.43	3.4	ug/L	26654	3	13.57	195098	25.0
Adamantane, 1,3-d...	14.54	7.7	ug/L	60290	3	13.57	195098	25.0
Benzene, 1-ethyl-...	15.08	3.1	ug/L	23849	3	13.57	195098	25.0
Benzene, 1-ethyl-...	15.19	1.4	ug/L	10883	3	13.57	195098	25.0