LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

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_V\METHOD\SOMVLM020120WMA.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	1.229	40	43	49	rVB	8499	6594	0.03%	0.009%
2	1.322	63	72	85	rBV	192346	187703	0.97%	0.244%
3	1.582	145	153	166	rVB	117786	141684	0.73%	0.184%
4	1.823	226	228	234	rBV5	1622	1130	0.01%	0.001%
5	2.129	312	323	334	rBV	238988	344224	1.77%	0.448%
6	2.322	374	383	389	rVB7	1759	2961	0.02%	0.004%
7	2.470	426	429	433	rBV3	953	707	0.00%	0.001%
8	2.540	440	451	462	rBV8	6469	13992	0.07%	0.018%
9	2.650	479	485	497	rVB4	4029	7107	0.04%	0.009%
10	2.791	521	529	543	rVB9	2733	5564	0.03%	0.007%
11	2.965	576	583	584	rBV4	988	698	0.00%	0.001%
12	3.074	606	617	629	rBV8	3127	7101	0.04%	0.009%
13	3.405	714	720	723	rBV5	663	675	0.00%	0.001%
14	3.711	811	815	819	rVB4	812	743	0.00%	0.001%
15	3.807	836	845	850	rBV6	1960	3818	0.02%	0.005%
16	3.917	867	879	909	rBV	113007	297677	1.53%	0.387%
17	4.177	955	960	965	rVB4	823	893	0.00%	0.001%
18	4.392	1010	1027	1053	rBV	235229	583521	3.00%	0.759%
19	4.711	1118	1126	1128	rBV7	2938	3785	0.02%	0.005%
20	4.939	1192	1197	1199	rBV3	1372	1175	0.01%	0.002%
21	5.090	1224	1244	1279	rBV2	593877	1604675	8.25%	2.087%
22	5.357	1321	1327	1329	rBV5	1572	1611	0.01%	0.002%
23	5.656	1407	1420	1451	rVV	517132	1021326	5.25%	1.328%
24	5.939	1505	1508	1511	rVV4	1088	957	0.00%	0.001%
25	5.962	1513	1515	1519	rVV2	1503	1143	0.01%	0.001%
26	6.109	1547	1561	1590	rBV	337995	693615	3.57%	0.902%
27	6.296	1617	1619	1627	rVB7	1007	956	0.00%	0.001%
28	6.498	1674	1682	1684	rBV3	965	1131	0.01%	0.001%
29	7.023	1830	1845	1866	rBV	217098	389055	2.00%	0.506%
30	7.273	1917	1923	1926	rBV3	1948	2062	0.01%	0.003%
31	7.354	1935	1948	1960	rBV	757521	1285580	6.61%	1.672%
32	7.425	1960	1970	1992	rVB	602078	1026458	5.28%	1.335%
33	7.598	2021	2024	2029	rBV6	956	825	0.00%	0.001%
34	7.656	2032	2042	2059	rBV	157858	262733	1.35%	0.342%

LSC Area Percent Report

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Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

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_V\METHOD\SOMVLM020120WMA.M
Title : VOC Analysis

35	8.077	2167	2173	2175	rBV6	939	798	0.00%	0.001%
36	8.122	2175	2187	2214	rBV	379022	691533	3.56%	0.899%
37	8.396	2267	2272	2274	rBV3	604	689	0.00%	0.001%
38	8.534	2310	2315	2318	rBV6	1008	866	0.00%	0.001%
39	8.627	2339	2344	2346	rBV2	919	775	0.00%	0.001%
40	8.791	2389	2395	2397	rBV4	816	844	0.00%	0.001%
41	8.887	2413	2425	2451	rBV	751777	1236049	6.36%	1.608%
42	9.051	2465	2476	2488	rBV	152953	244620	1.26%	0.318%
43	9.174	2500	2514	2532	rBV	1120400	1802215	9.27%	2.344%
44	9.354	2562	2570	2577	rVB8	2636	4063	0.02%	0.005%
45	9.489	2608	2612	2614	rBV3	1012	674	0.00%	0.001%
46	9.540	2624	2628	2629	rBV3	852	694	0.00%	0.001%
47	9.595	2629	2645	2674	rVV3	1184837	2379865	12.24%	3.095%
48	9.752	2691	2694	2703	rVB10	2347	2968	0.02%	0.004%
49	9.836	2717	2720	2722	rBV5	1448	936	0.00%	0.001%
50	9.968	2753	2761	2772	rBV2	6610	11946	0.06%	0.016%
51	10.058	2783	2789	2796	rBV8	1163	1724	0.01%	0.002%
52	10.100	2796	2802	2803	rBV4	1558	1432	0.01%	0.002%
53	10.254	2838	2850	2862	rVV	437760	693766	3.57%	0.902%
54	10.315	2863	2869	2883	rVV	28967	44631	0.23%	0.058%
55	10.392	2883	2893	2904	rVV	35810	56362	0.29%	0.073%
56	10.485	2911	2922	2939	rBV	180017	373206	1.92%	0.485%
57	10.576	2939	2950	2960	rBV	213486	330570	1.70%	0.430%
58	10.714	2985	2993	2994	rBV6	2286	2476	0.01%	0.003%
59	10.778	3003	3013	3015	rBV	55515	73659	0.38%	0.096%
60	10.804	3017	3021	3032	rVB	110345	149917	0.77%	0.195%
61	10.952	3049	3067	3079	rBV	715515	1126249	5.79%	1.465%
62	11.022	3079	3089	3098	rVV	1027833	1532279	7.88%	1.993%
63	11.071	3098	3104	3117	rVB	390471	566750	2.91%	0.737%
64	11.289	3161	3172	3189	rBV	817186	1279108	6.58%	1.664%
65	11.376	3189	3199	3208	rVV	209403	322080	1.66%	0.419%
66	11.434	3209	3217	3232	rVB	114680	175107	0.90%	0.228%
67	11.569	3248	3259	3268	rBV2	121969	215450	1.11%	0.280%
68	11.666	3279	3289	3305	rVB2	766790	1277740	6.57%	1.662%
69	11.784	3314	3326	3337	rBV	3054578	4731765	24.33%	6.154%
70	11.952	3369	3378	3381	rBV	39871	56360	0.29%	0.073%
71	12.032	3394	3403	3407	rBV	81681	129786	0.67%	0.169%

LSC Area Percent Report

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Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

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_V\METHOD\SOMVLM020120WMA.M
Title : VOC Analysis

72	12.112	3422	3428	3438	rVB2	73430	121303	0.62%	0.158%
73	12.235	3456	3466	3475	rVB	311445	471760	2.43%	0.614%
74	12.292	3476	3484	3496	rVB2	93856	144379	0.74%	0.188%
75	12.354	3497	3503	3512	rVB2	14939	21596	0.11%	0.028%
76	12.453	3526	3534	3542	rVB	76862	113318	0.58%	0.147%
77	12.508	3542	3551	3565	rBV2	161967	380322	1.96%	0.495%
78	12.630	3580	3589	3599	rBV	219551	358045	1.84%	0.466%
79	12.765	3624	3631	3645	rVB2	65214	96602	0.50%	0.126%
80	12.923	3672	3680	3690	rVV3	268251	392851	2.02%	0.511%
81	12.987	3690	3700	3712	rVB	912795	1368240	7.04%	1.780%
82	13.093	3721	3733	3750	rVB	1090162	1789058	9.20%	2.327%
83	13.186	3752	3762	3771	rBV2	123608	239069	1.23%	0.311%
84	13.546	3857	3874	3891	rBV	11833766	19446862	100.00%	25.293%
85	13.665	3905	3911	3931	rVB	124416	216973	1.12%	0.282%
86	13.942	3990	3997	4004	rBV2	99373	140694	0.72%	0.183%
87	14.138	4049	4058	4067	rBV2	151429	266487	1.37%	0.347%
88	14.263	4090	4097	4114	rVB2	125450	254198	1.31%	0.331%
89	14.530	4173	4180	4196	rVB2	89583	160838	0.83%	0.209%
90	14.620	4201	4208	4213	rVV	53950	77574	0.40%	0.101%
91	14.678	4214	4226	4252	rVB	7926676	12416087	63.85%	16.149%
92	14.858	4271	4282	4303	rVB	3426963	5320000	27.36%	6.919%
93	15.408	4443	4453	4463	rBV	230839	355212	1.83%	0.462%
94	15.595	4503	4511	4518	rBV	238398	353695	1.82%	0.460%
95	15.710	4535	4547	4567	rBV	1233804	2076500	10.68%	2.701%
96	15.855	4582	4592	4599	rBV	1015309	1565567	8.05%	2.036%
97	15.987	4625	4633	4644	rVB	147892	230001	1.18%	0.299%
98	16.080	4646	4662	4685	rVB	245162	609774	3.14%	0.793%
99	16.228	4699	4708	4719	rBV	104019	158911	0.82%	0.207%
100	16.318	4727	4736	4753	rVB2	166750	315383	1.62%	0.410%

Sum of corrected areas: 76885130

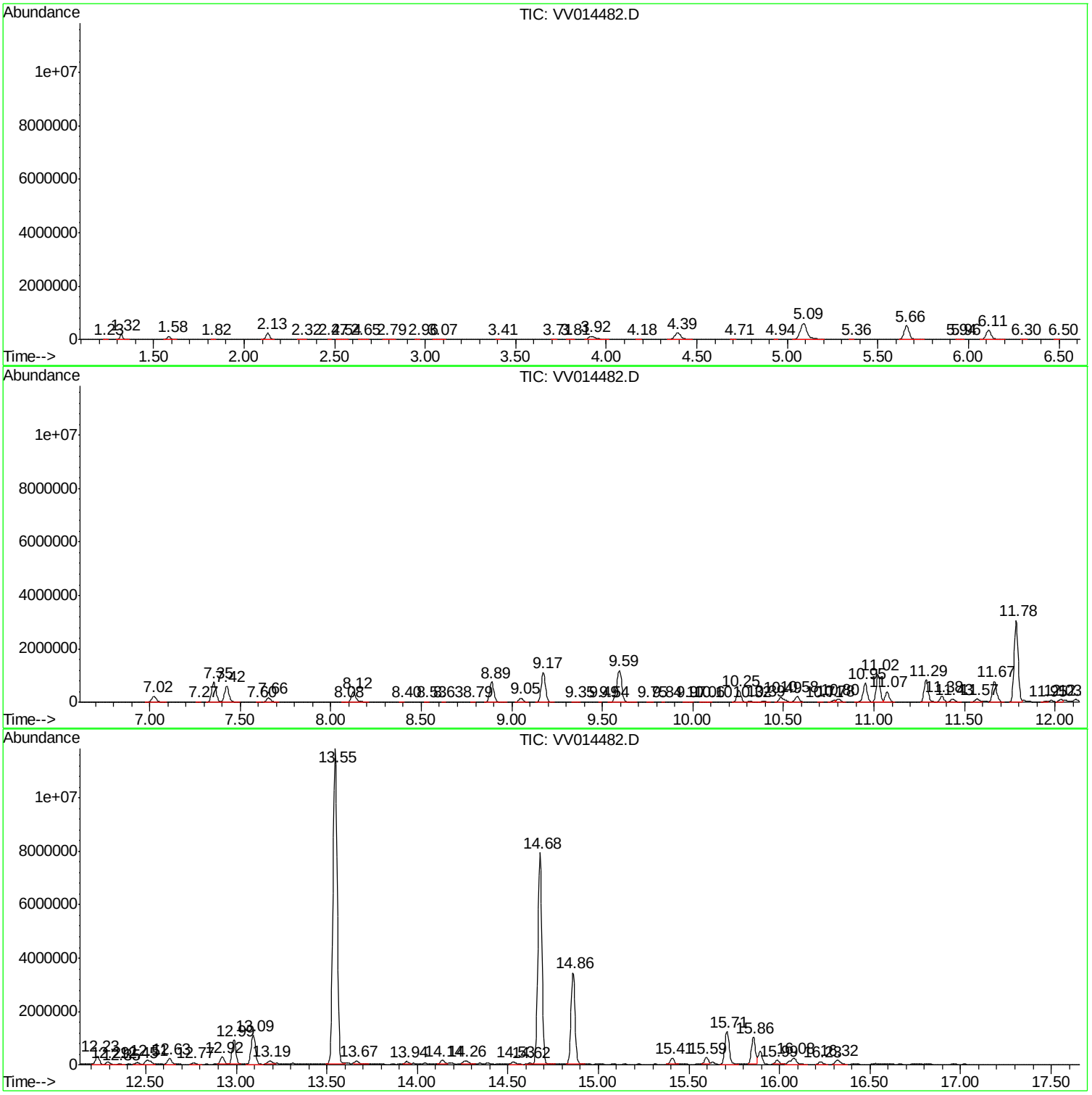
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

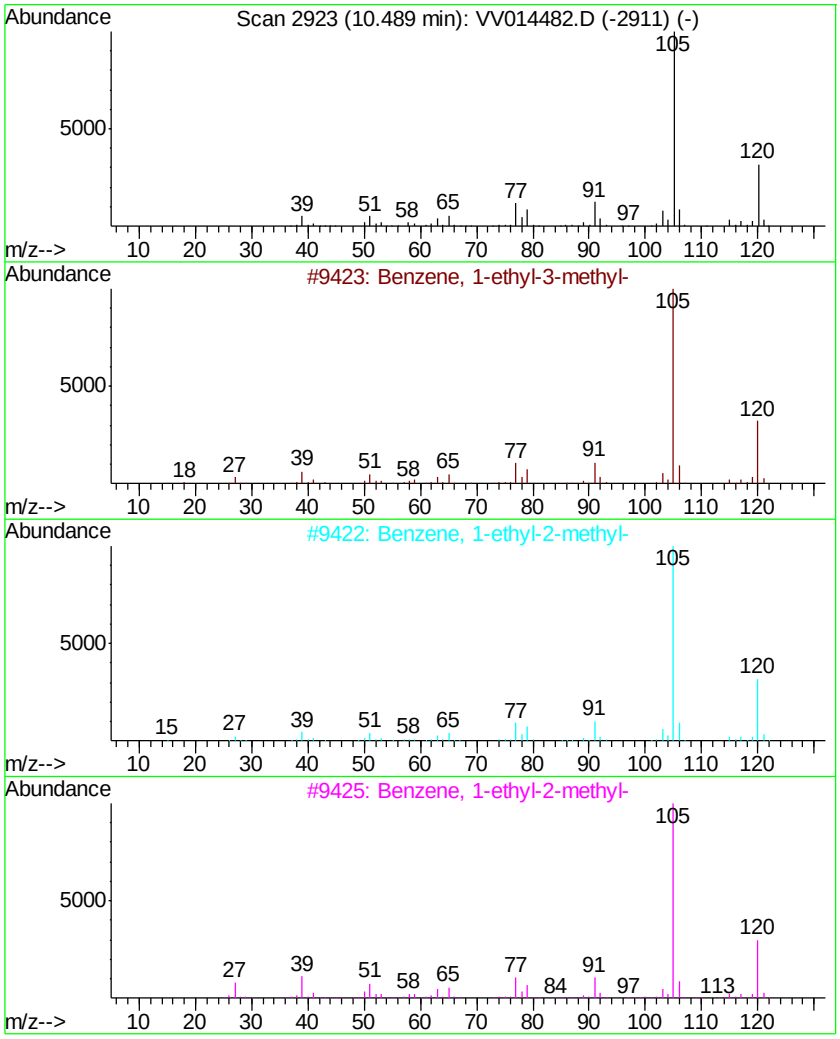
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

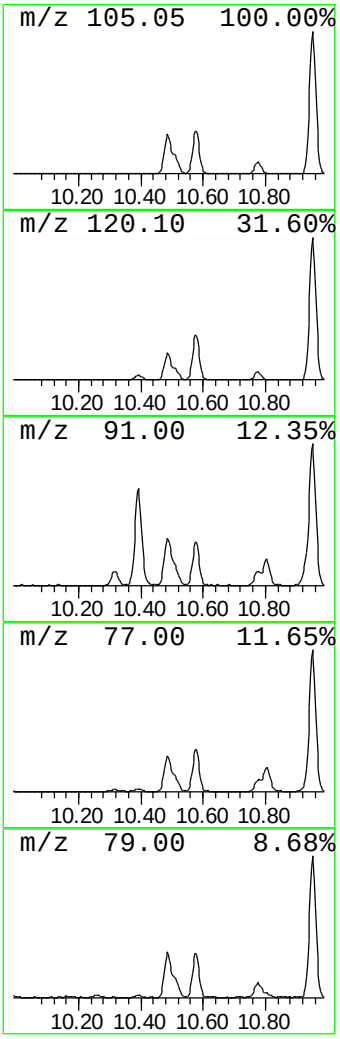
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	14.59 ug/L	373206	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

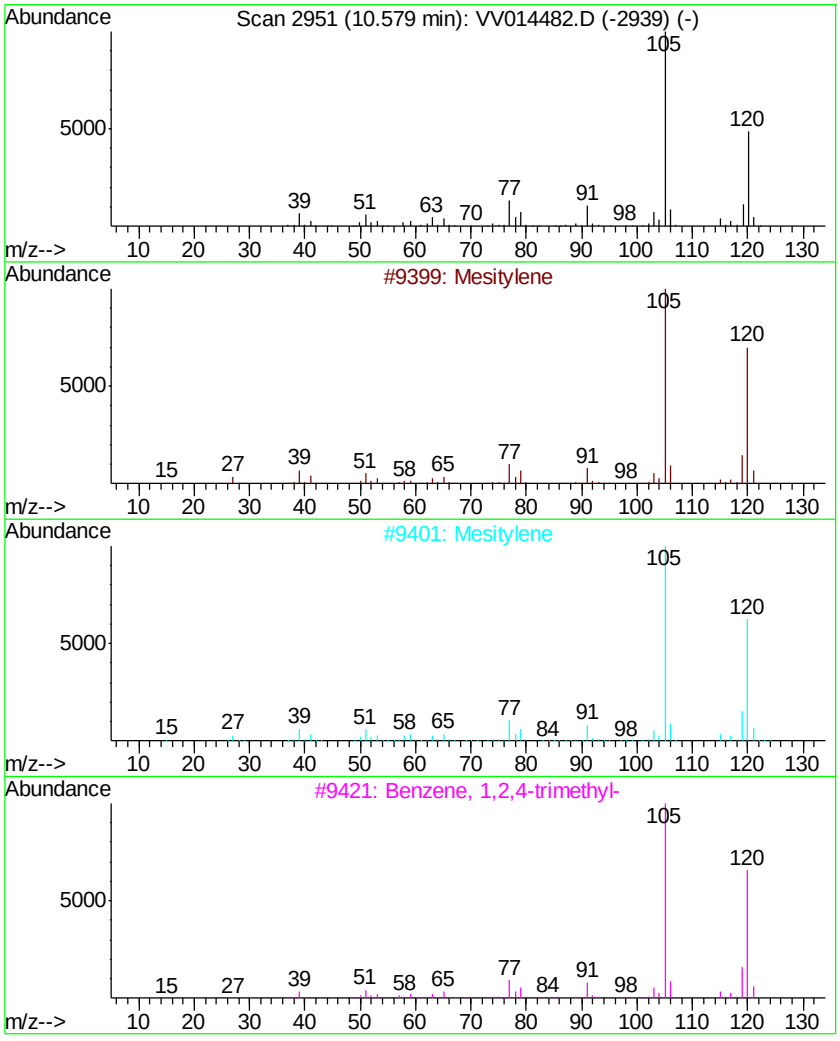
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

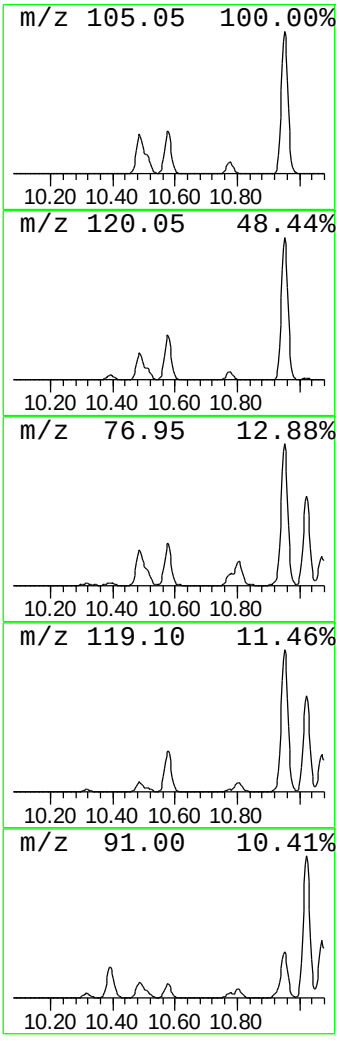
****

Peak Number 3 Mesitylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	12.92 ug/L	330570	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

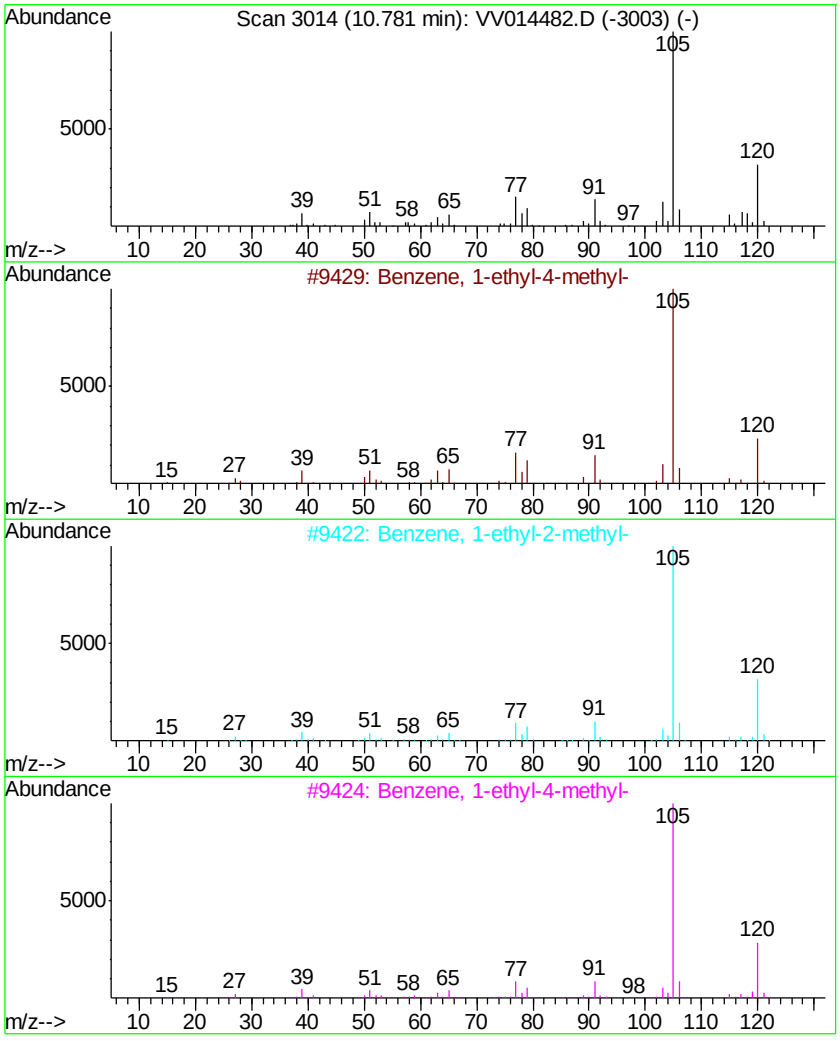
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

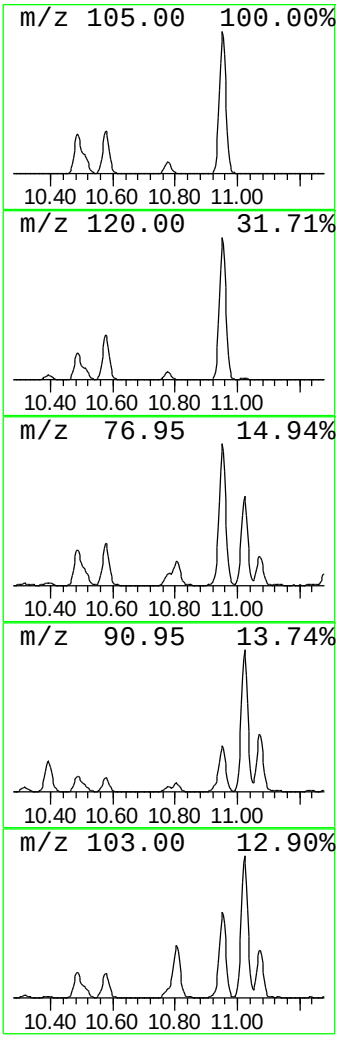
****

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.88 ug/L	73659	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Library Search Compound Report

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Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

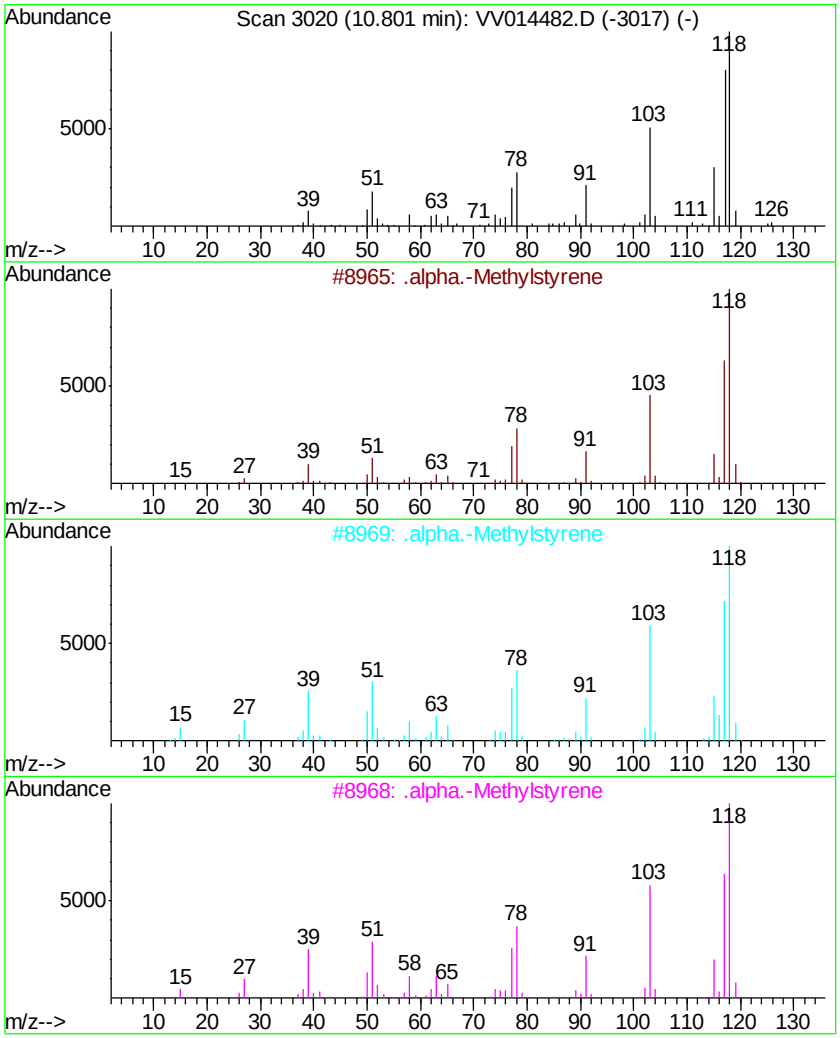
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

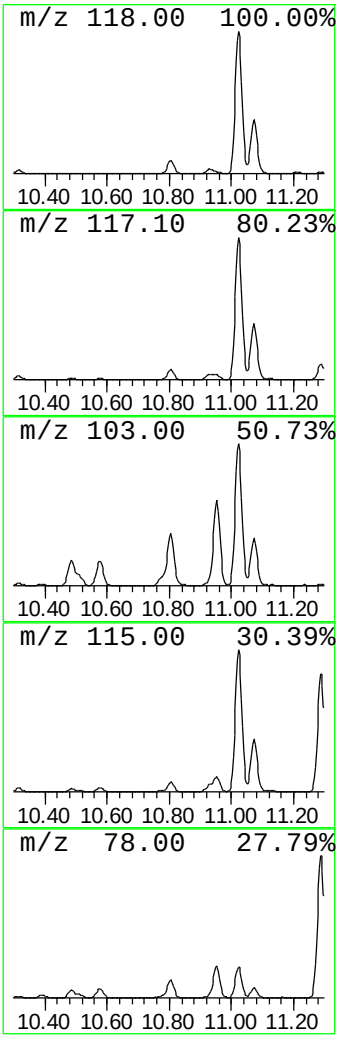
****

Peak Number 5 .alpha.-Methylstyrene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	5.86 ug/L	149917	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	94
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	90
4	Azetidine, 3-methyl-3-phenyl-	147	C10H13N	005961-33-1	59
5	Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	53





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Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

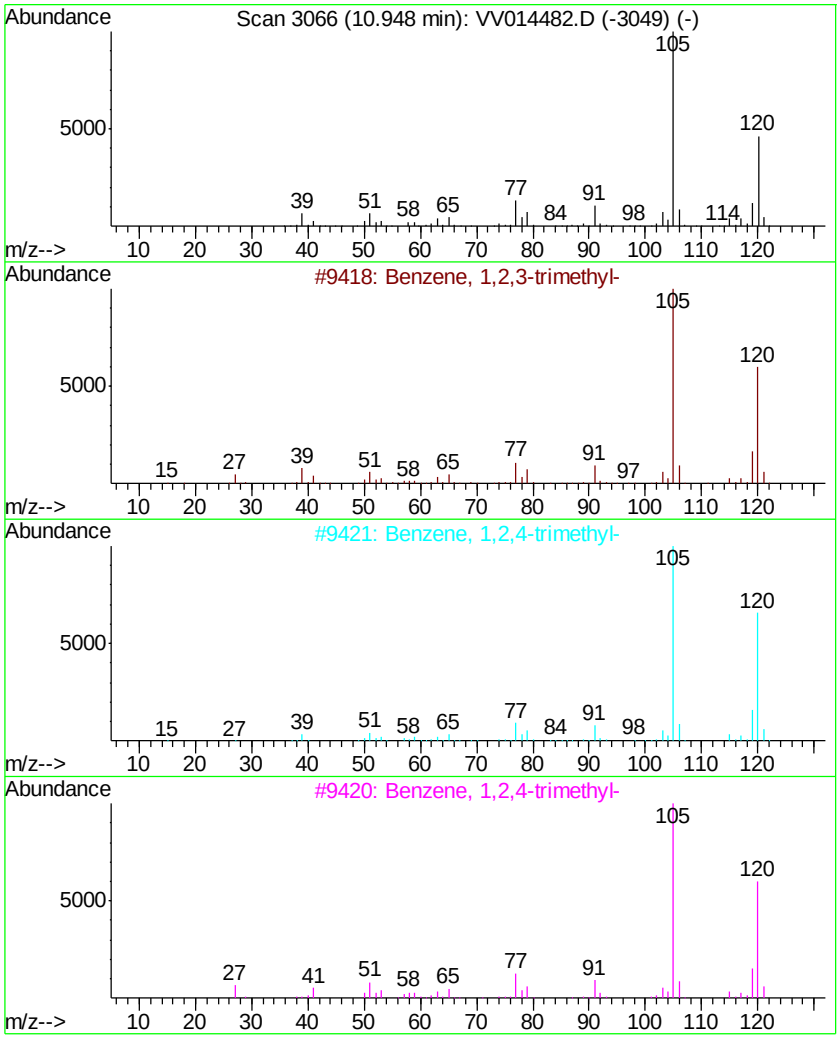
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

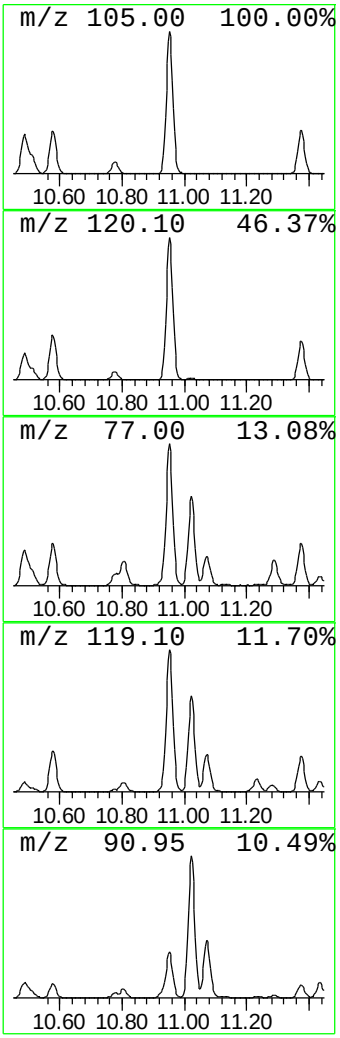
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	44.02 ug/L	1126250	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

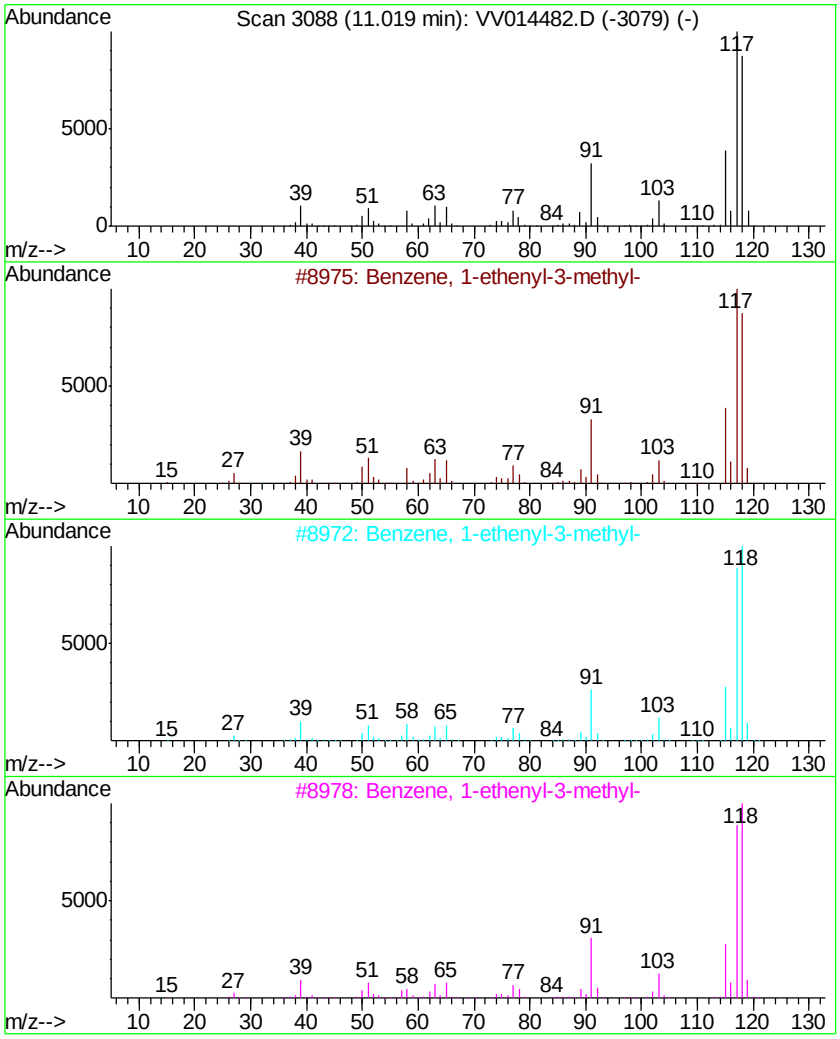
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

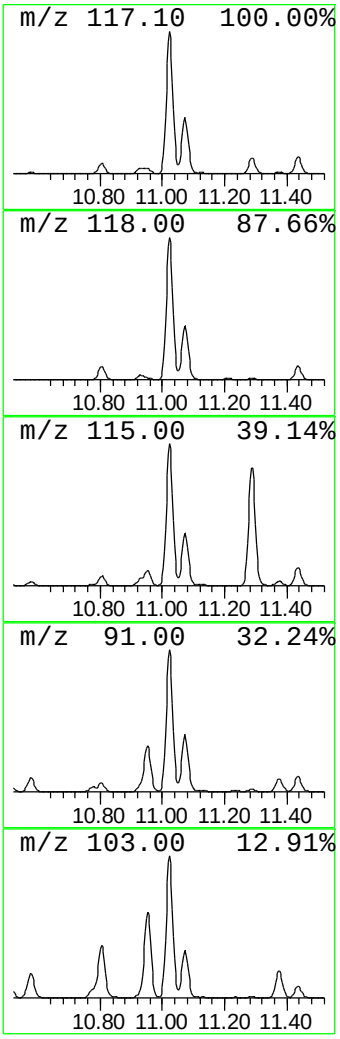
****

Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	59.90 ug/L	1532280	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

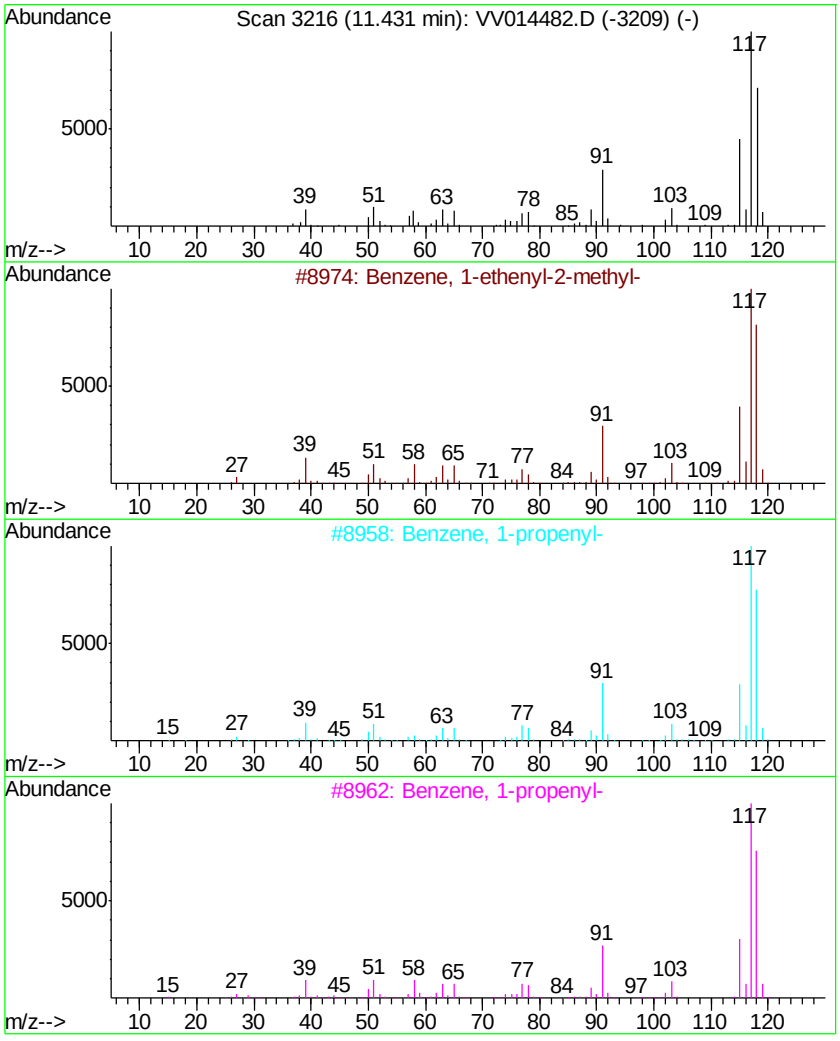
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

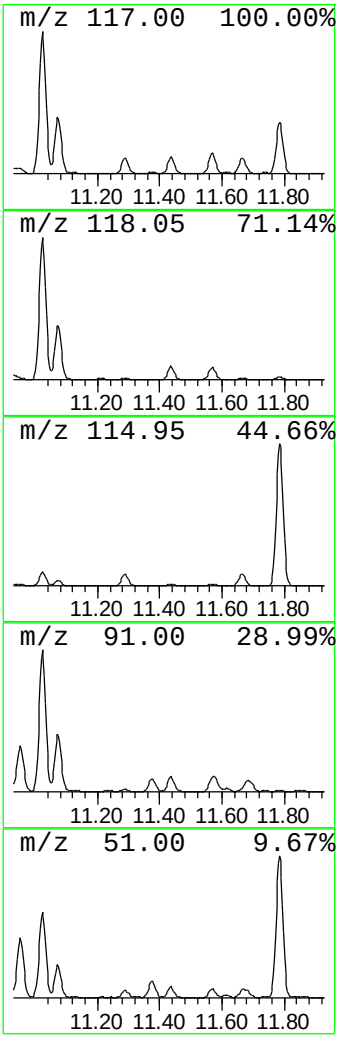
****

Peak Number 10 Benzene, 1-ethenyl-2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	6.84 ug/L	175107	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	96
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





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Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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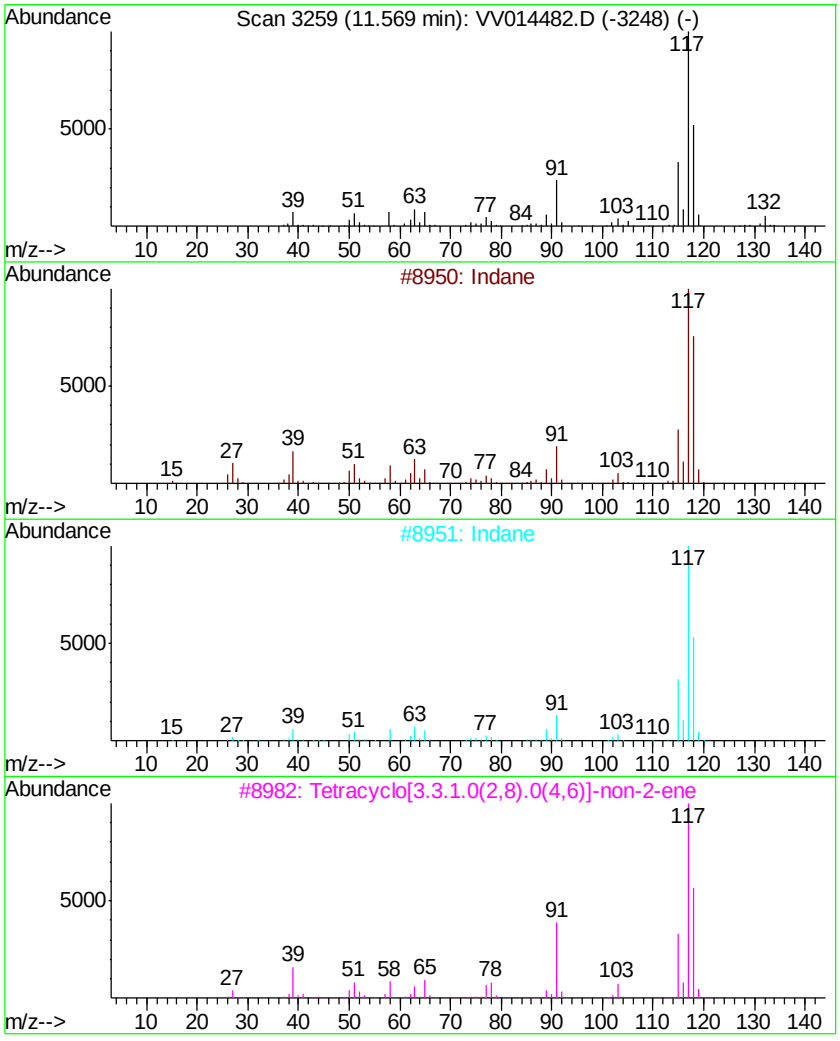
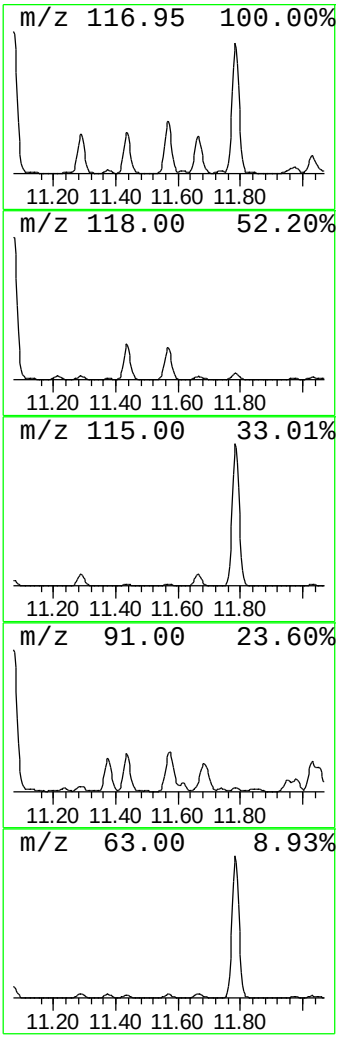
Peak Number 11 Indane Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	8.42 ug/L	215450	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
4	Deltacyclene	118	C9H10	007785-10-6	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

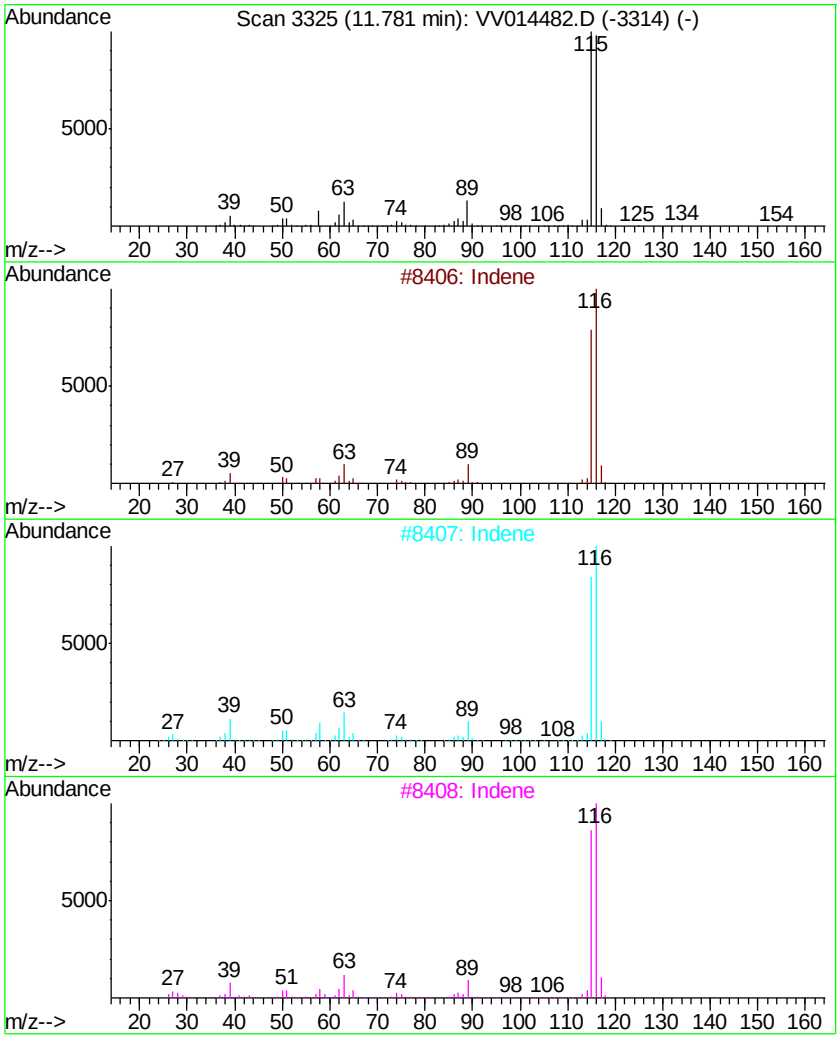
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

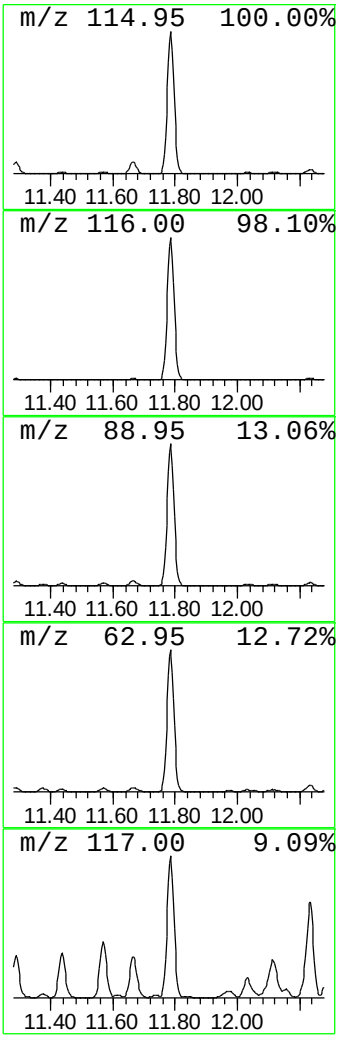
****

Peak Number 12 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	184.96 ug/L	4731770	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	95
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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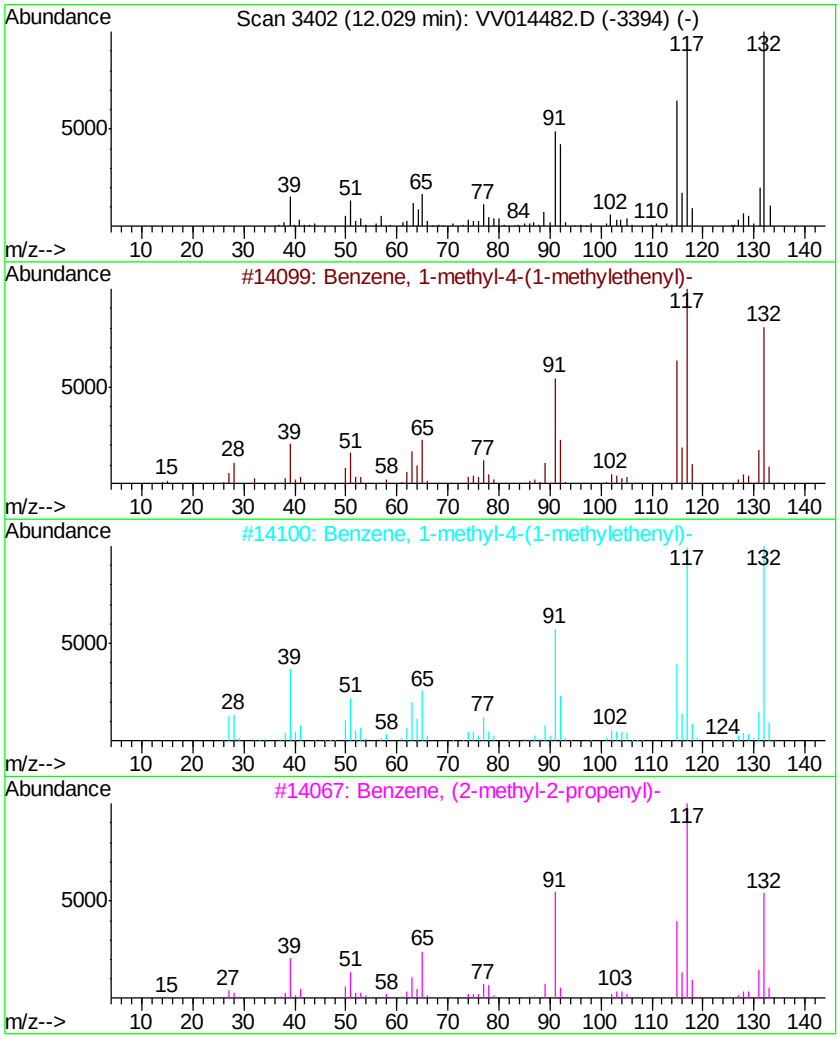
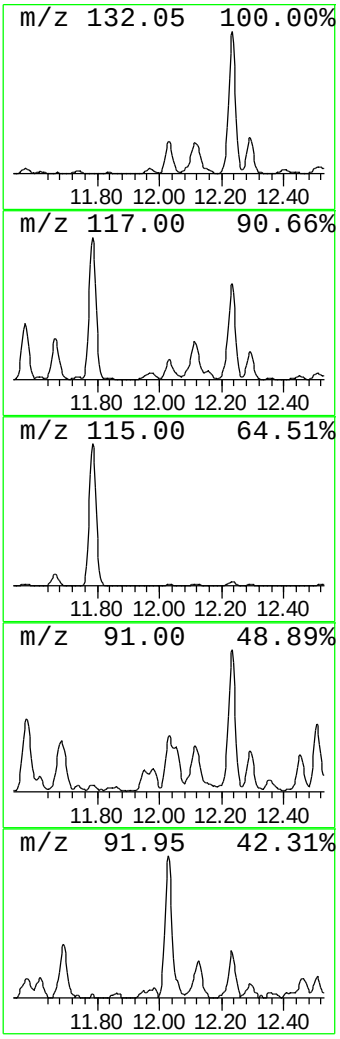
Peak Number 13 Benzene, 1-methyl-4-(1-meth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	5.07 ug/L	129786	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	95
2	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	90
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	81
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	81
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

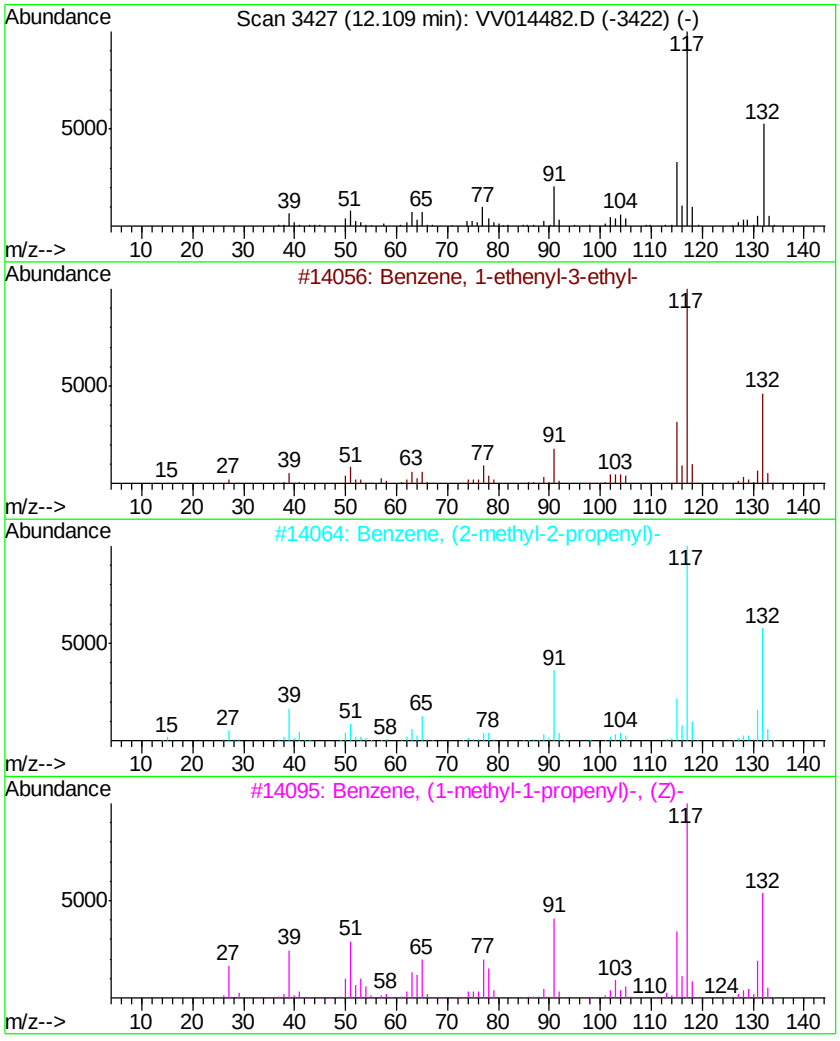
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

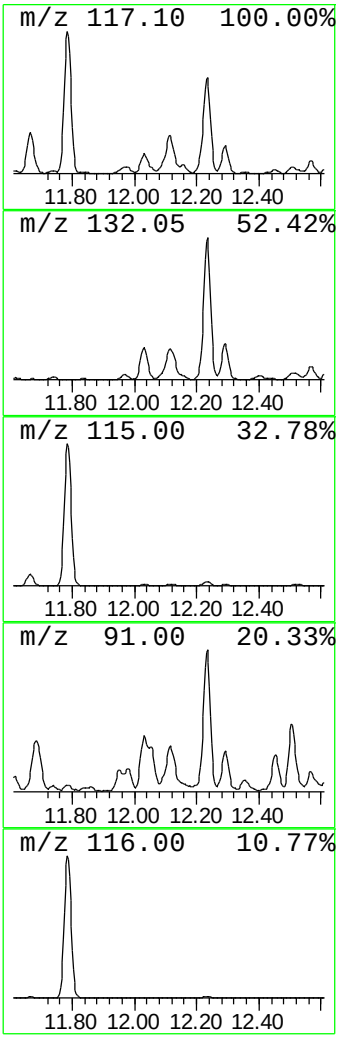
****

Peak Number 14 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.74 ug/L	121303	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	97
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

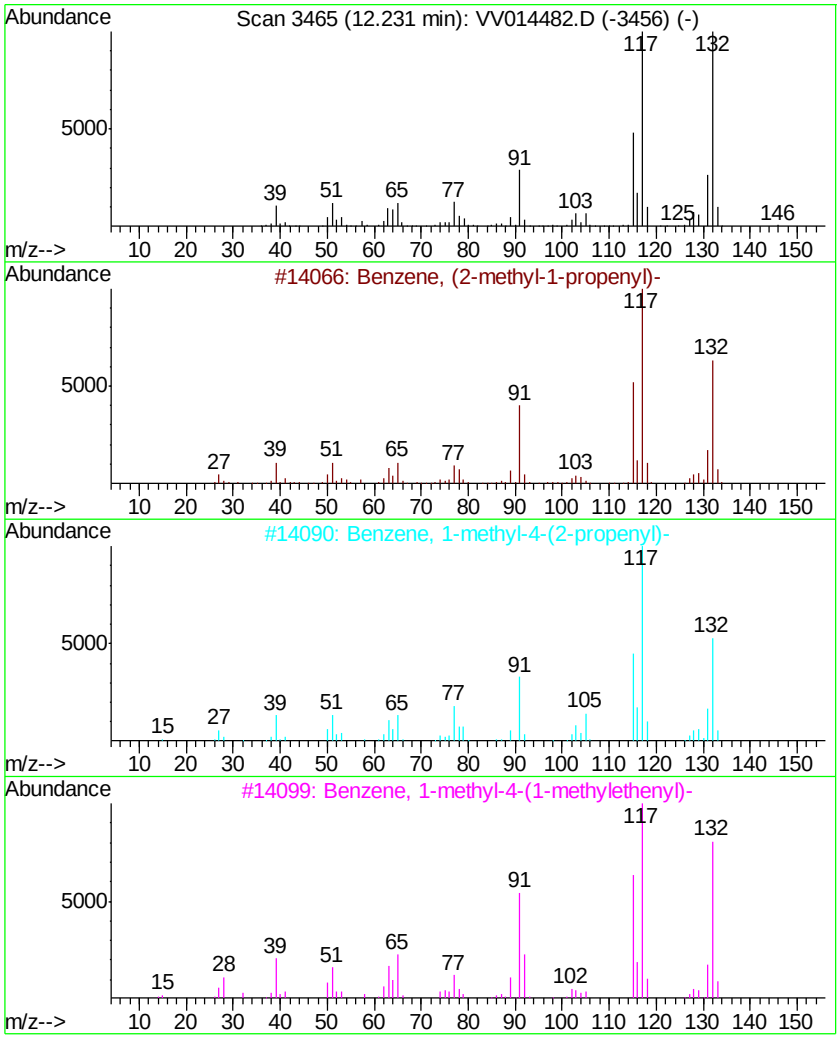
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

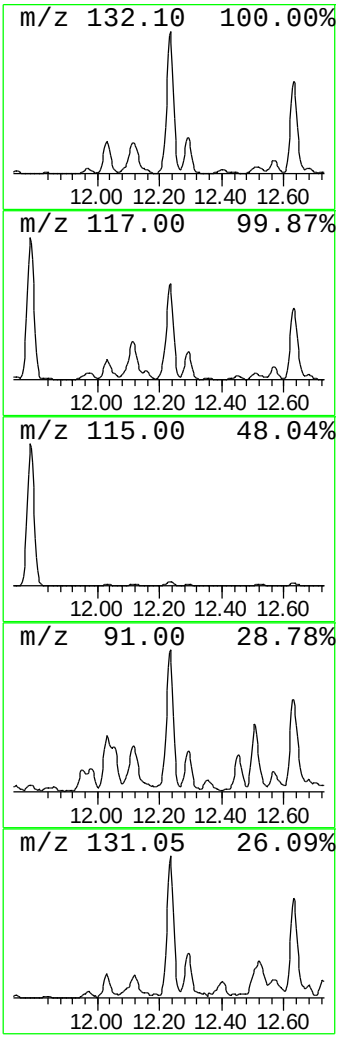
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (2-methyl-1-propen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	18.44 ug/L	471760	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

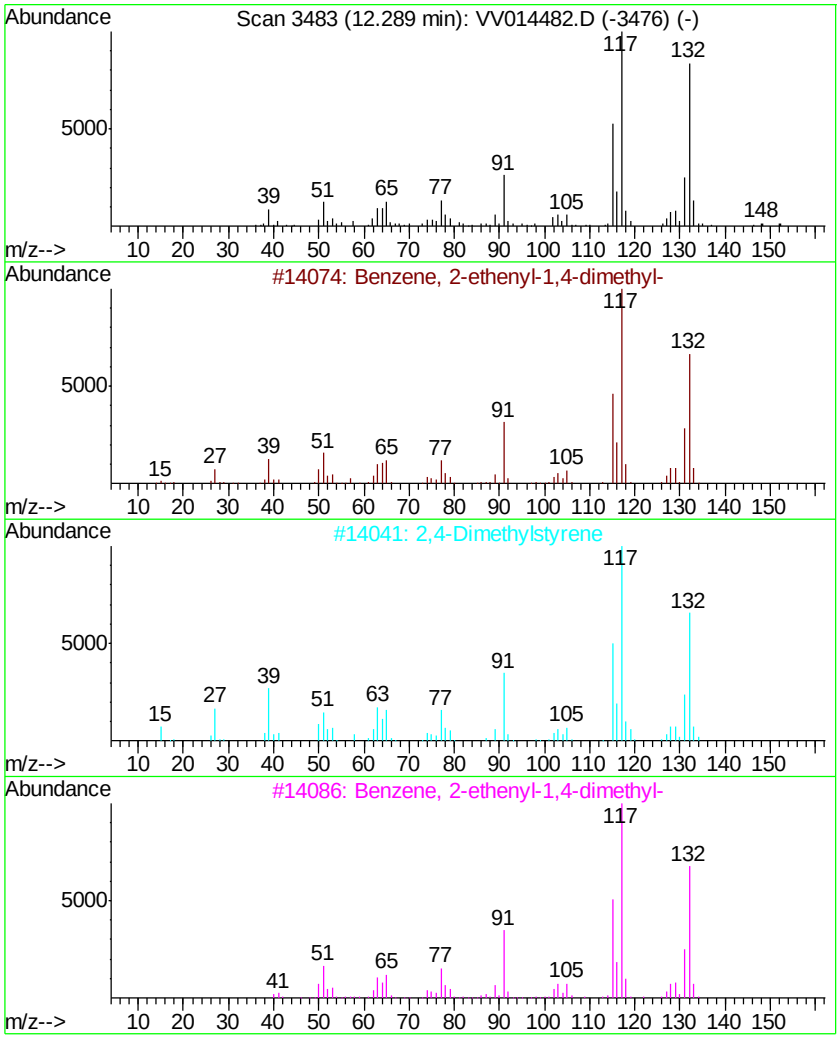
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

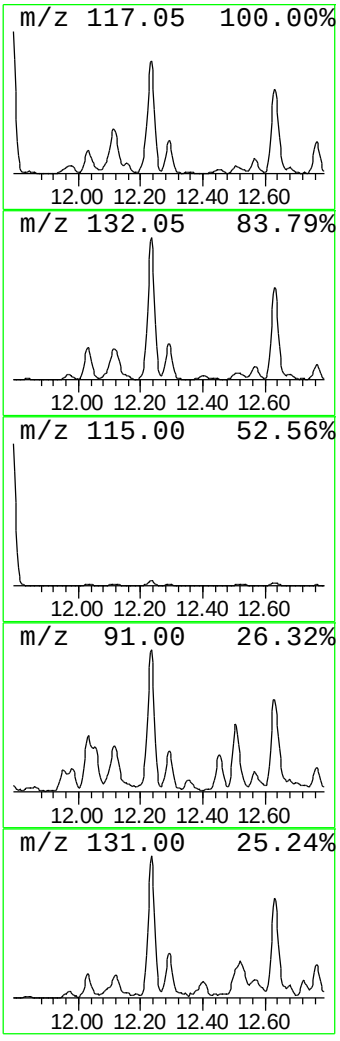
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	5.64 ug/L	144379	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	97
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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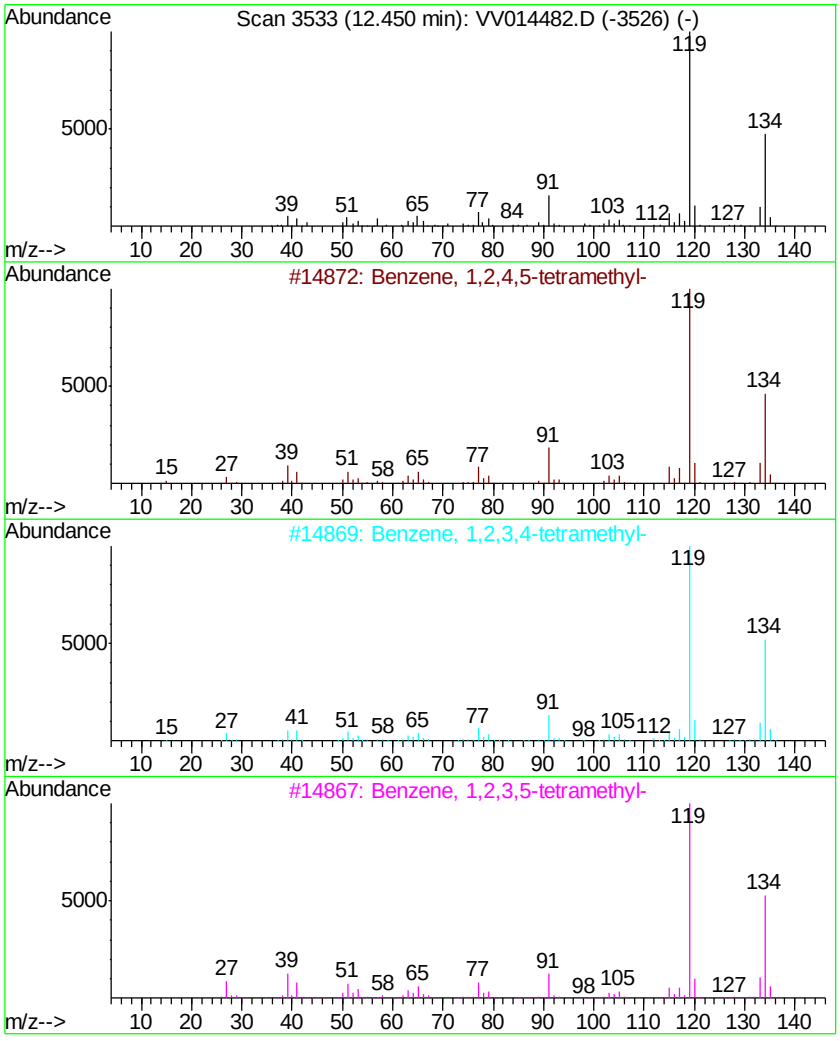
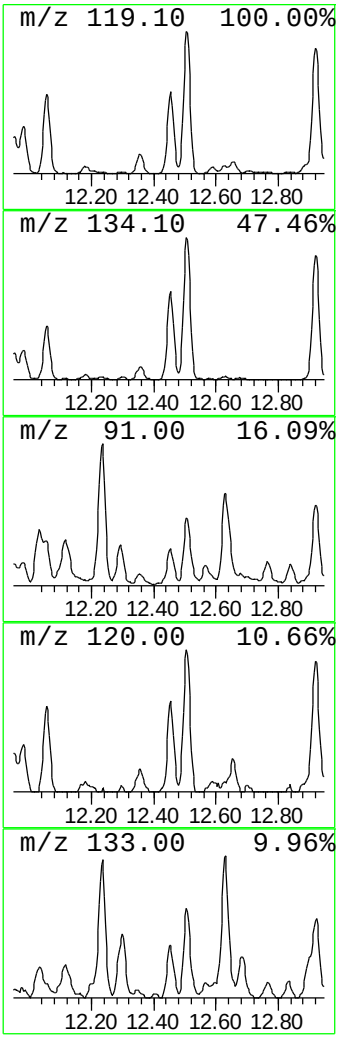
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.43 ug/L	113318	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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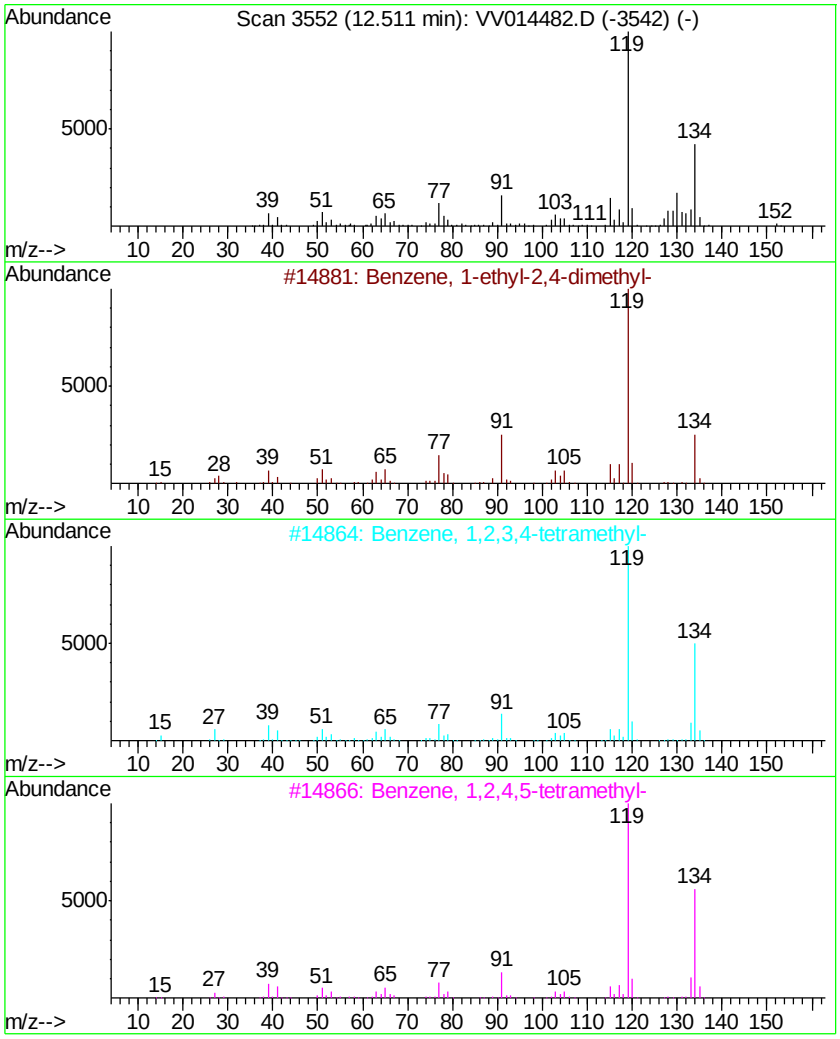
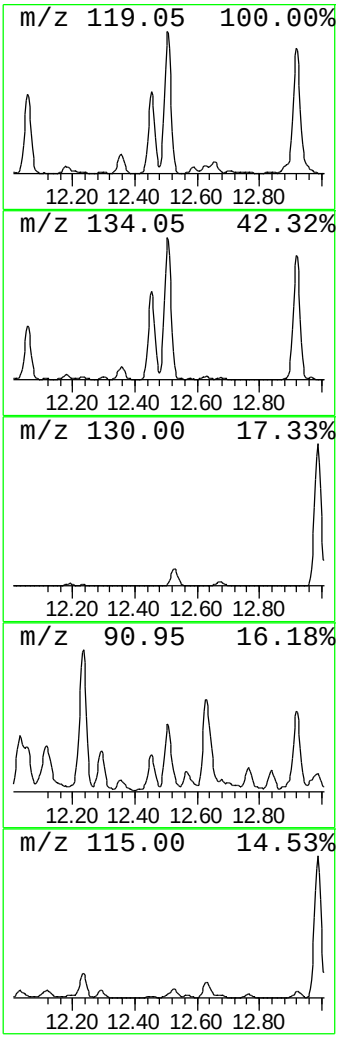
Peak Number 18 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	14.87 ug/L	380322	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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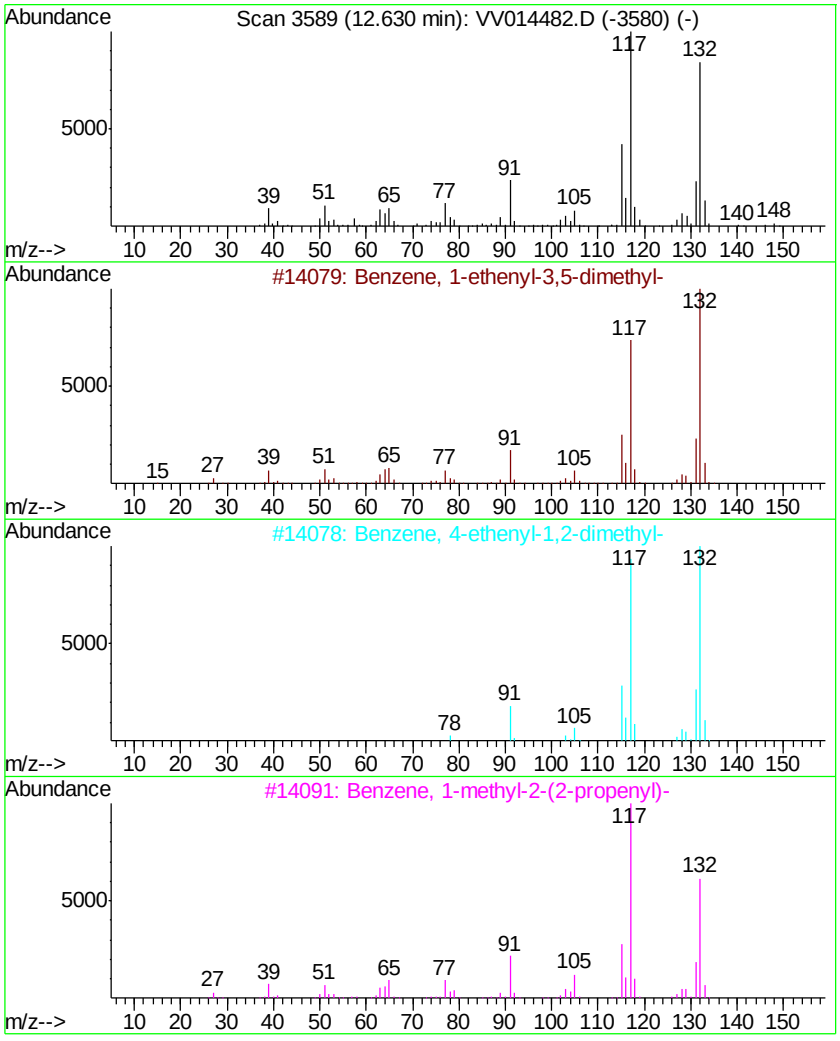
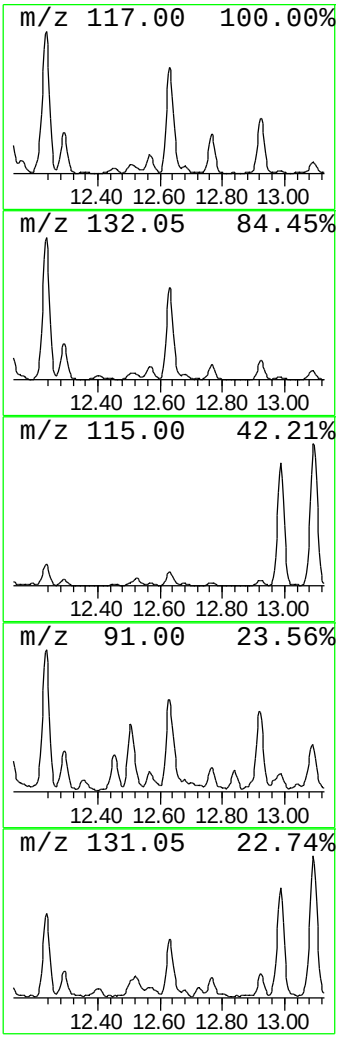
Peak Number 19 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	14.00 ug/L	358045	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	95
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

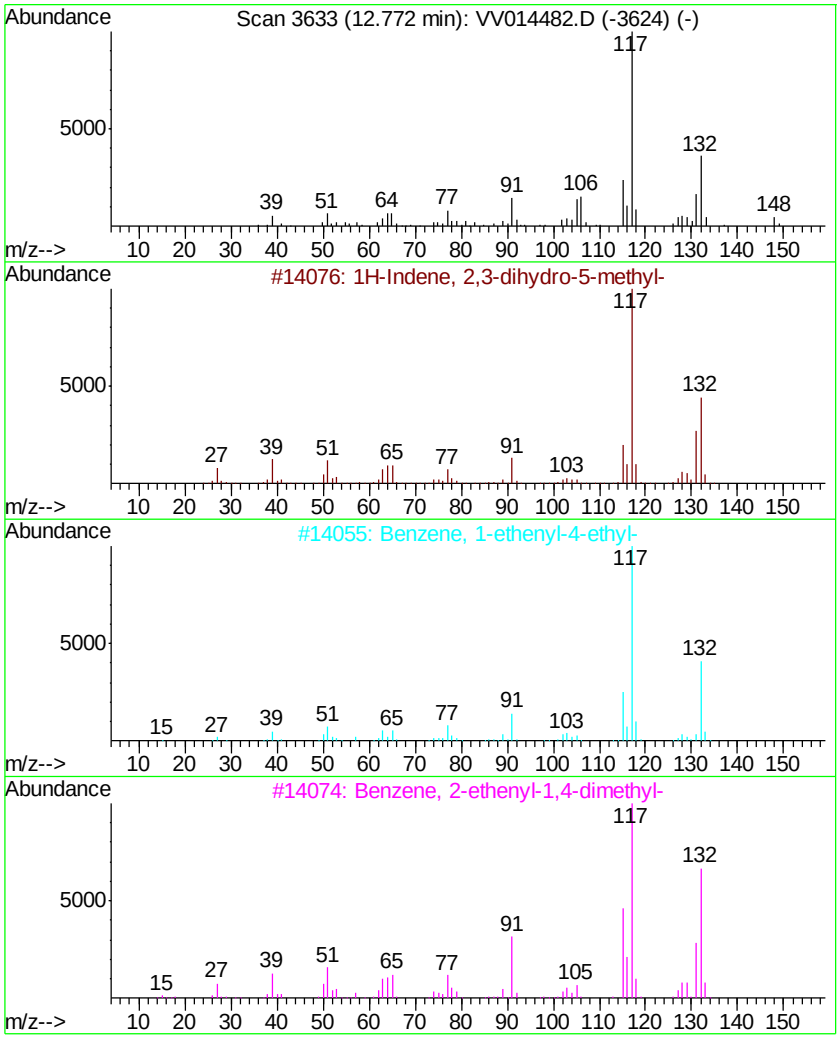
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

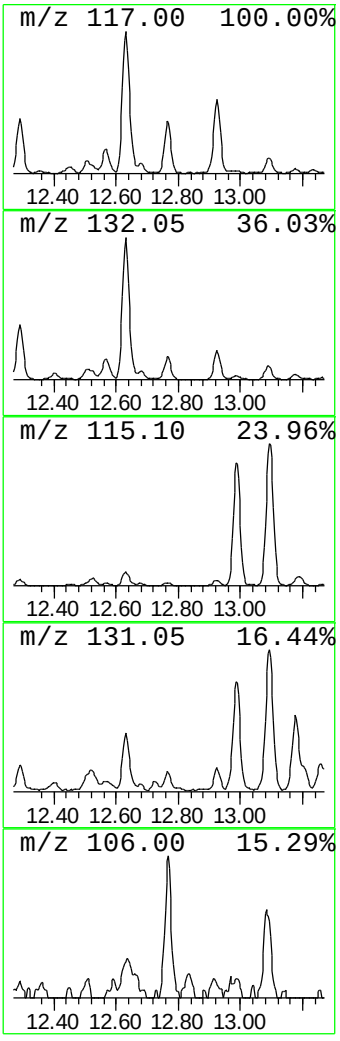
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.78 ug/L	96602	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

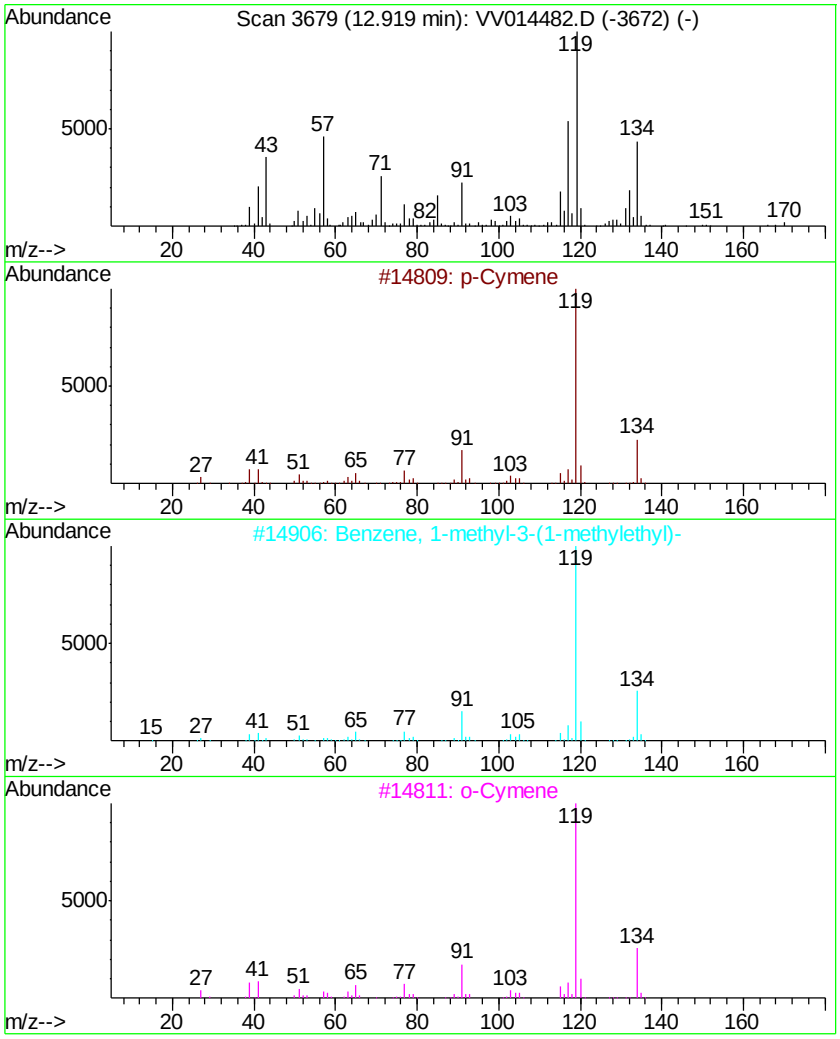
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

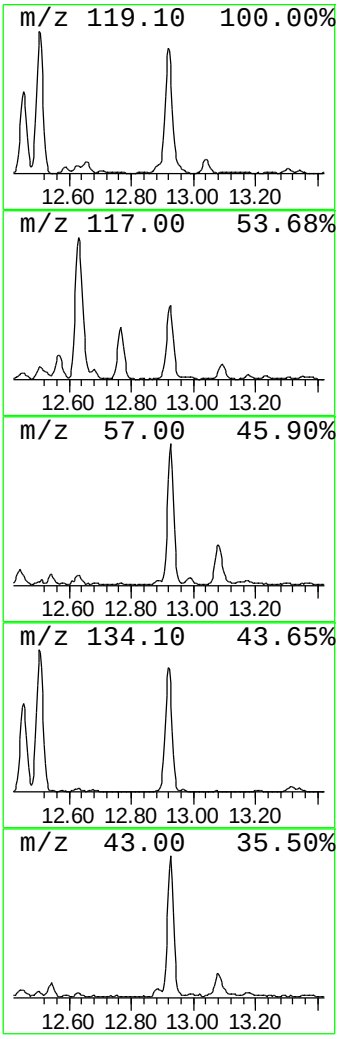
****

Peak Number 21 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	15.36 ug/L	392851	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	50
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
3	o-Cymene	134	C10H14	000527-84-4	50
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
5	o-Cymene	134	C10H14	000527-84-4	50





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Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

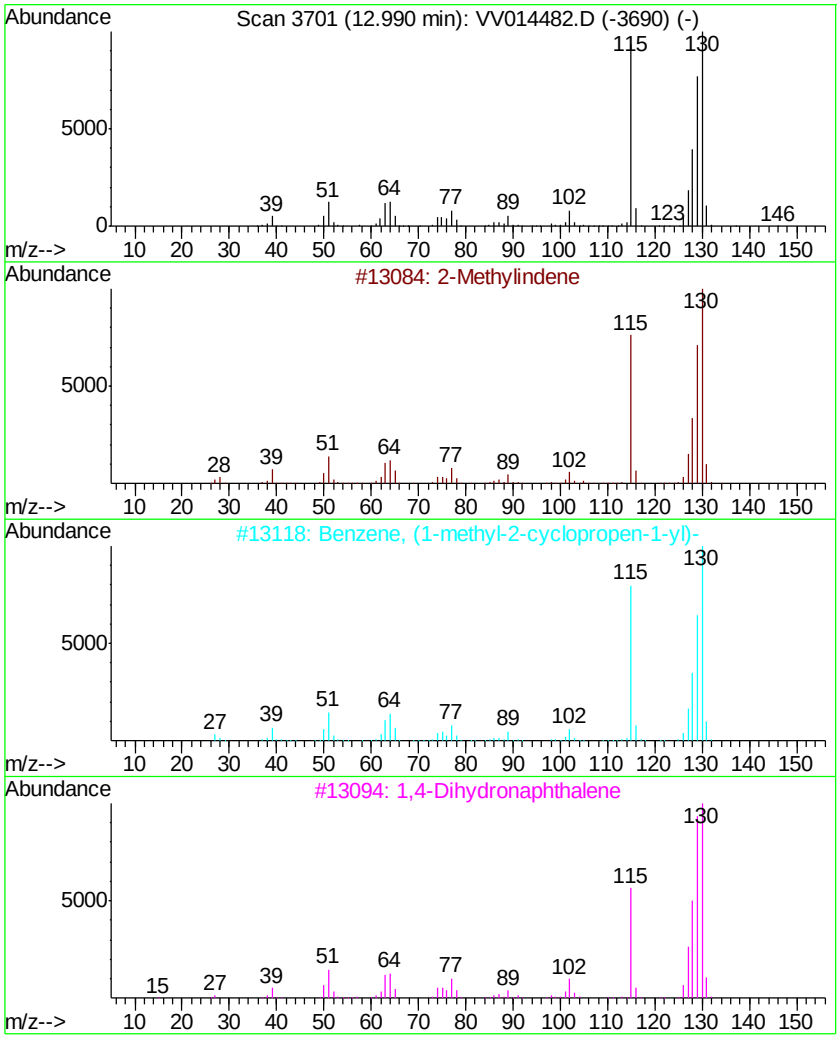
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

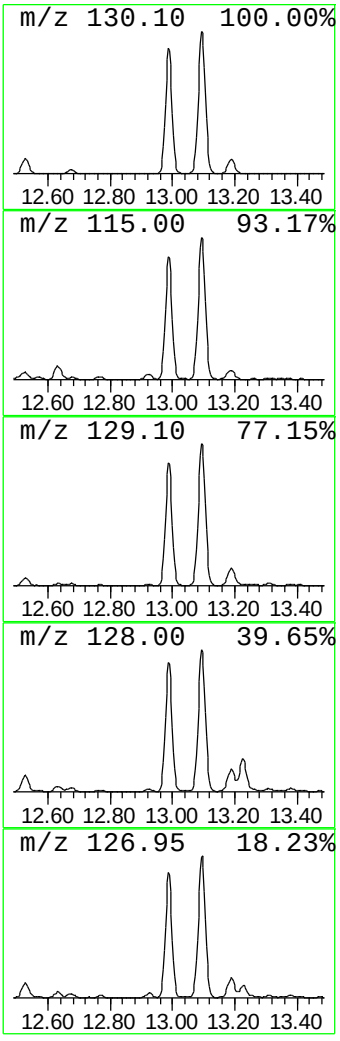
****

Peak Number 22 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	53.48 ug/L	1368240	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

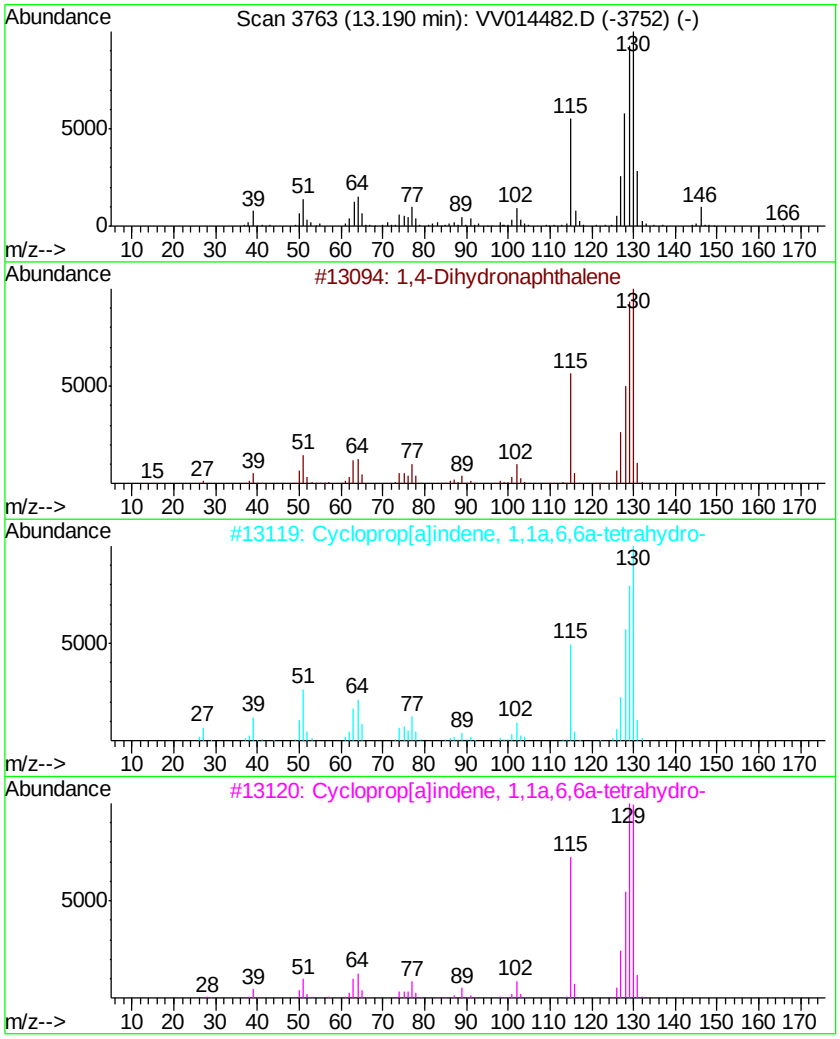
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

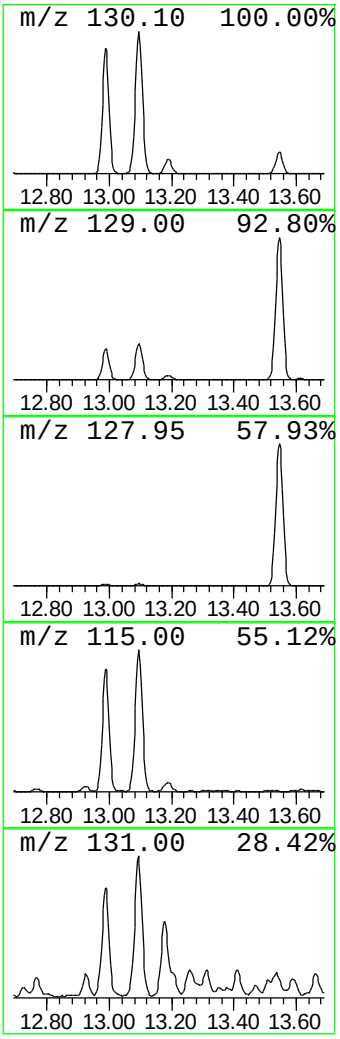
****

Peak Number 24 1,4-Dihydronaphthalene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	9.35 ug/L	239069	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	89





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Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

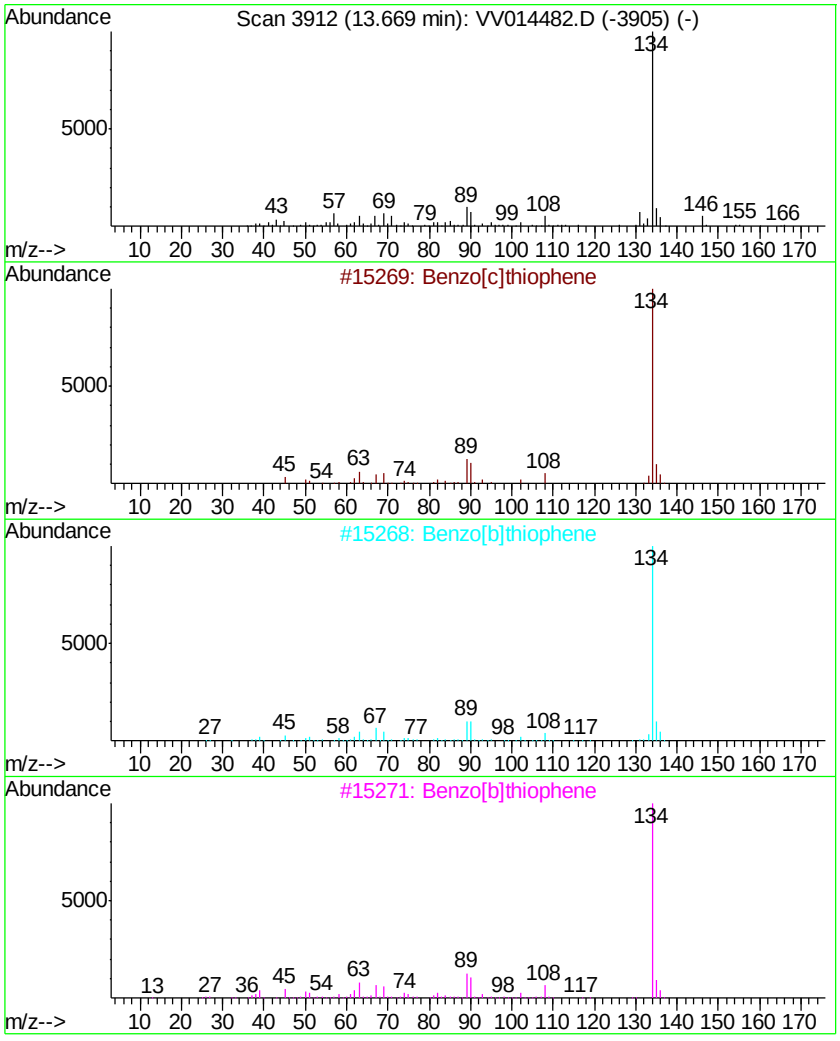
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

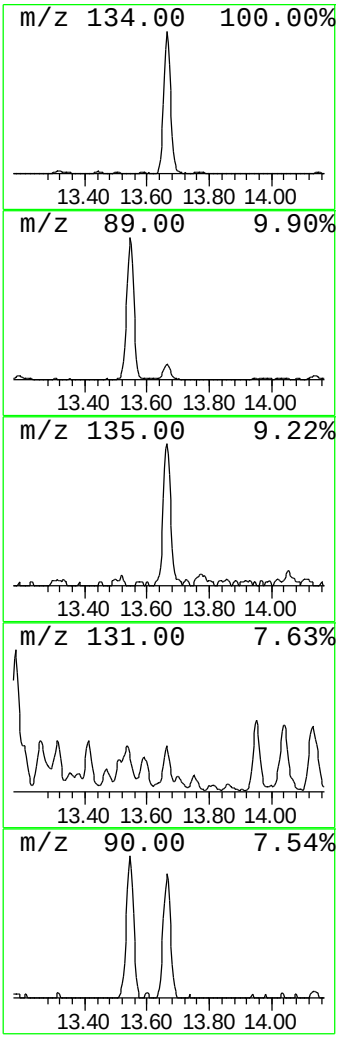
****

Peak Number 26 Benzo[c]thiophene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	8.48 ug/L	216973	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	93
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

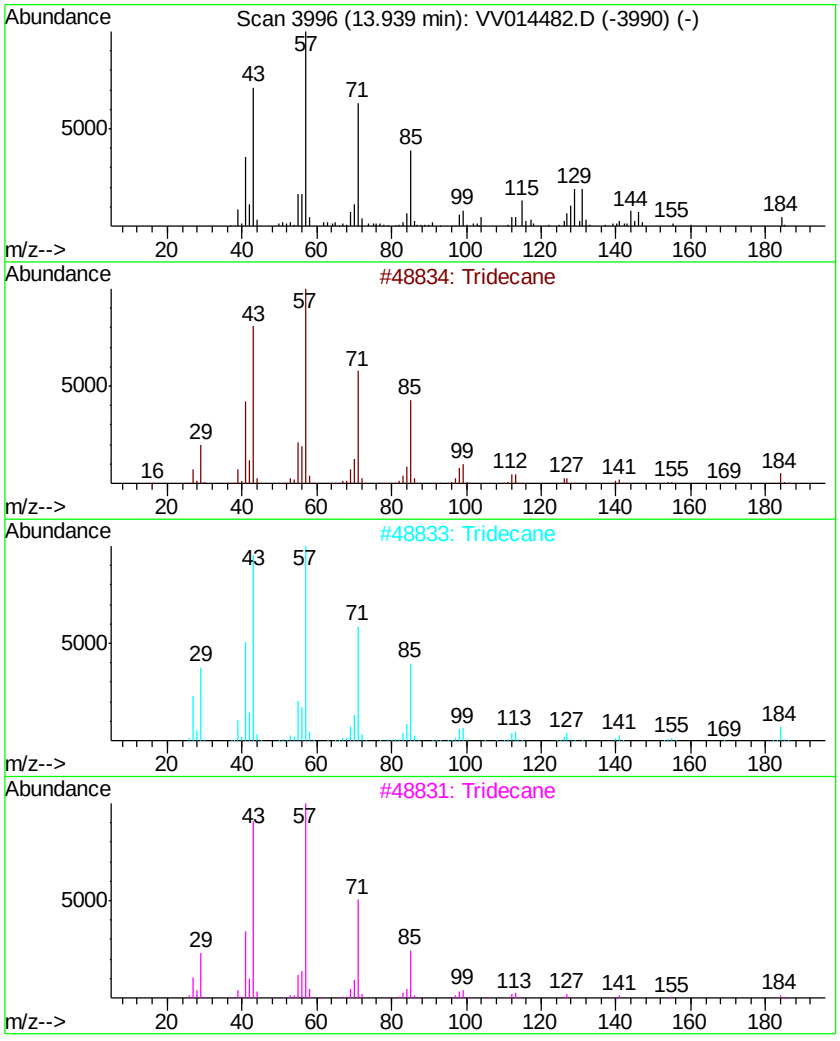
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

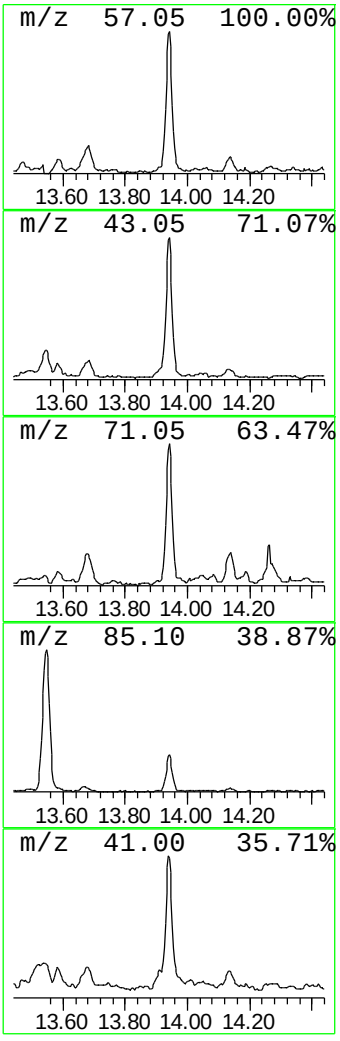
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.50 ug/L	140694	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	92
3	Tridecane	184	C13H28	000629-50-5	78
4	Tridecane	184	C13H28	000629-50-5	60
5	Tetradecane	198	C14H30	000629-59-4	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

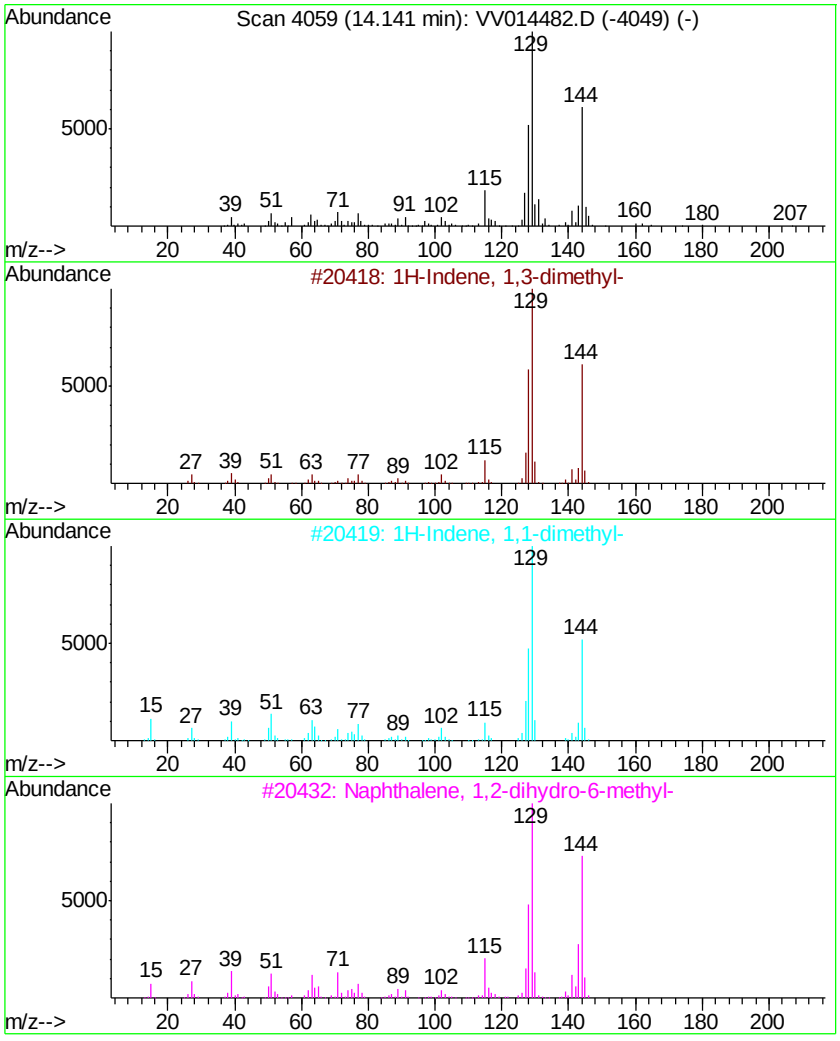
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

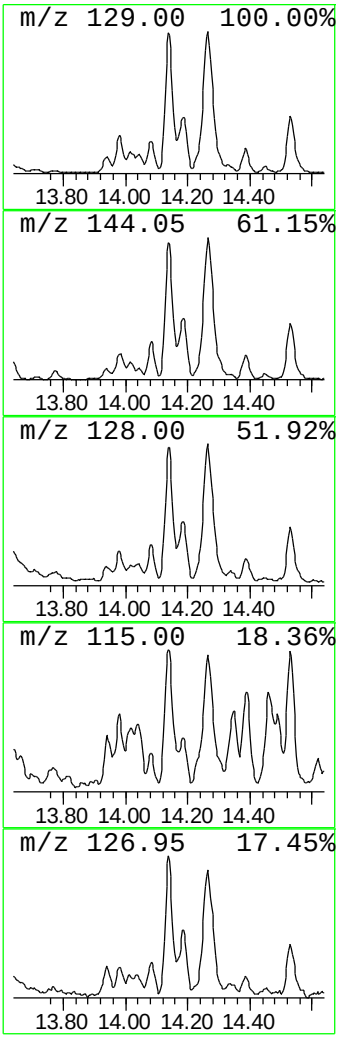
****

Peak Number 28 1H-Indene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	10.42 ug/L	266487	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
3	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	91
4	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	90
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

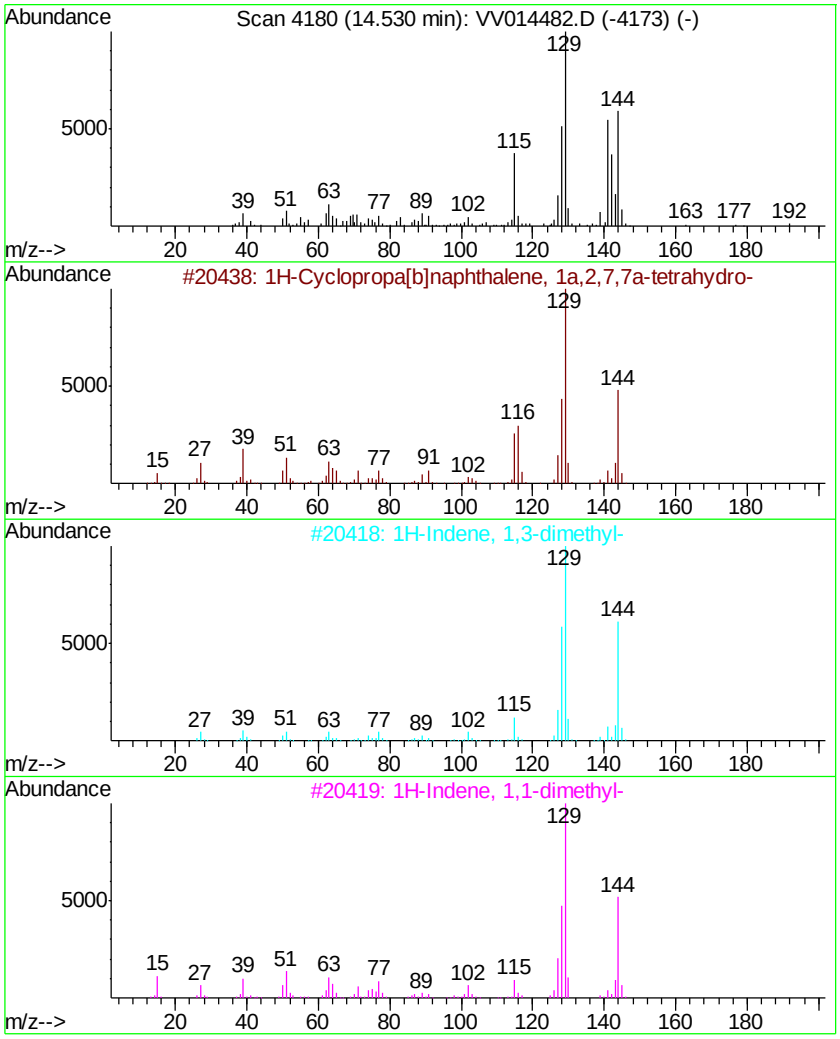
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

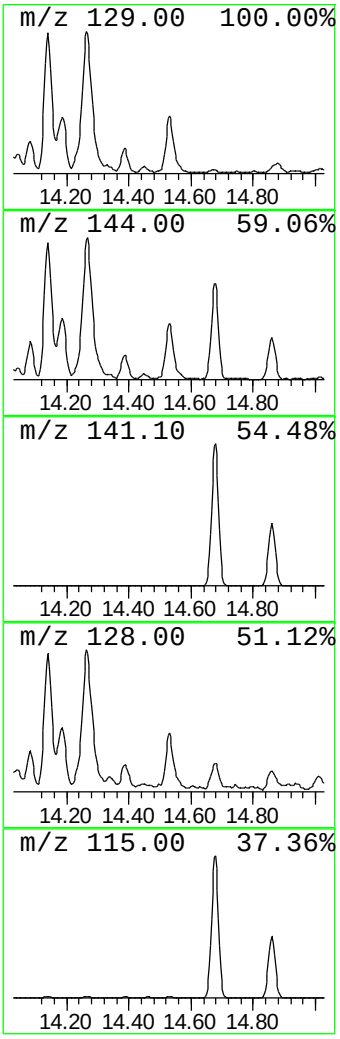
****

Peak Number 30 1H-Cyclopropa[b]naphthalene... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	6.29 ug/L	160838	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	76
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	70
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	70
4	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	68
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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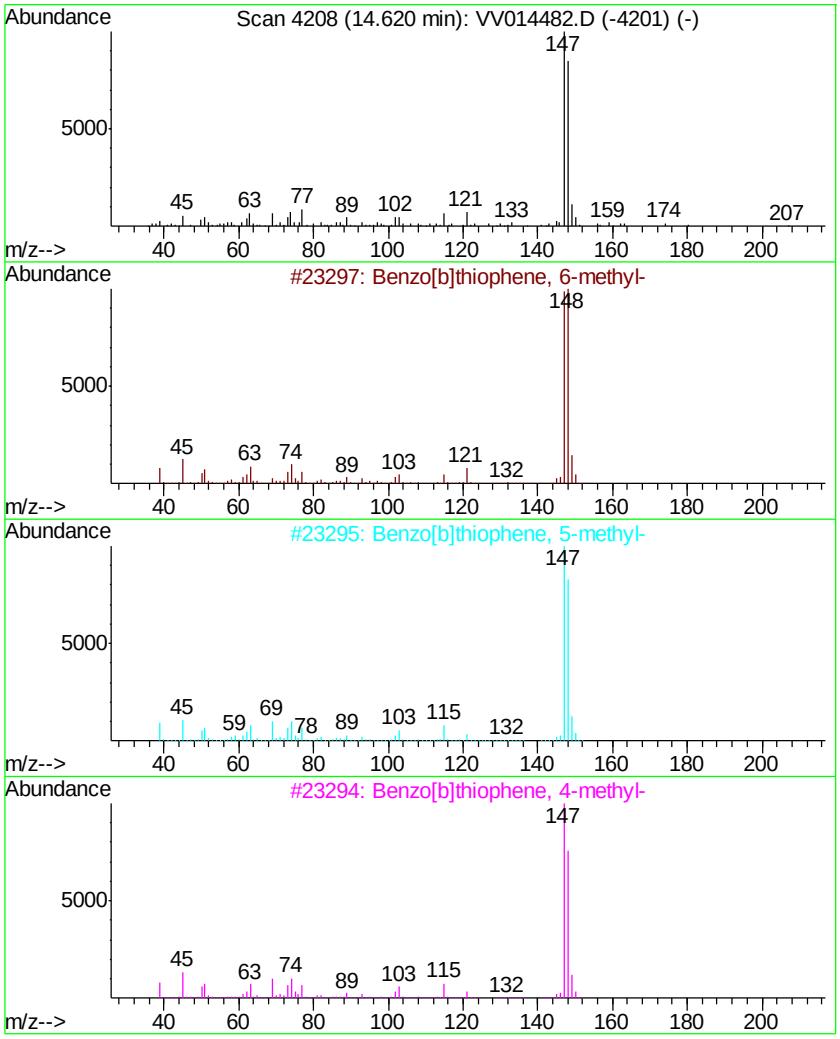
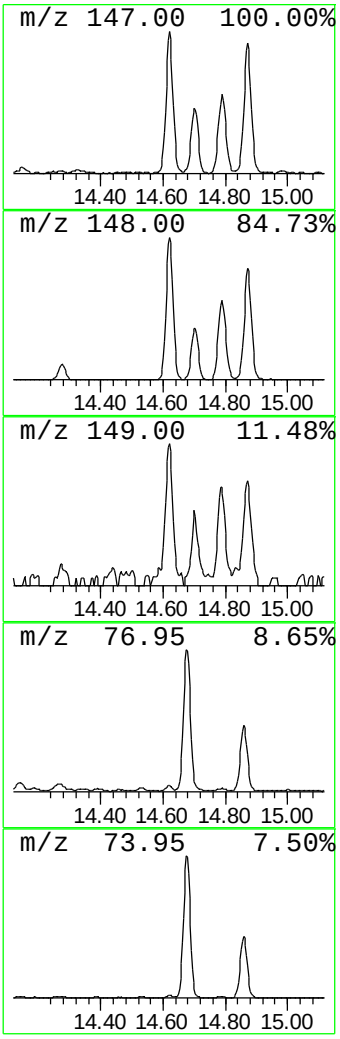
Peak Number 31 Benzo[b]thiophene, 6-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	3.03 ug/L	77574	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	94
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87





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Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

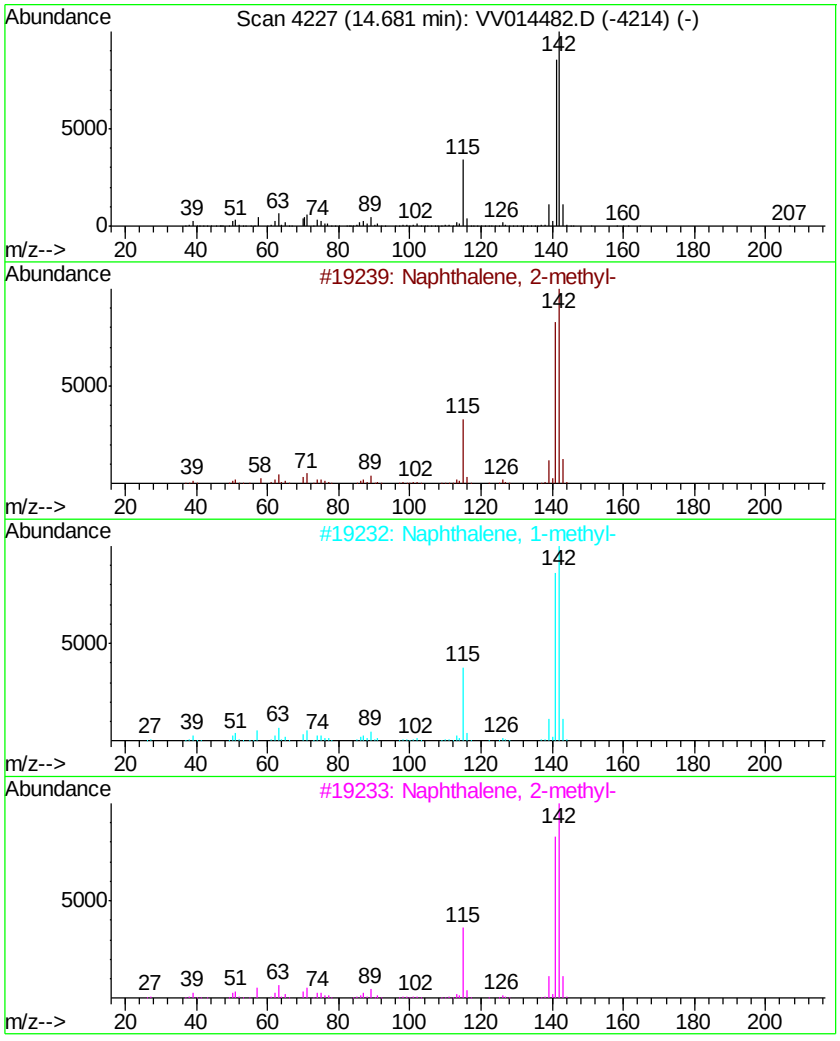
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

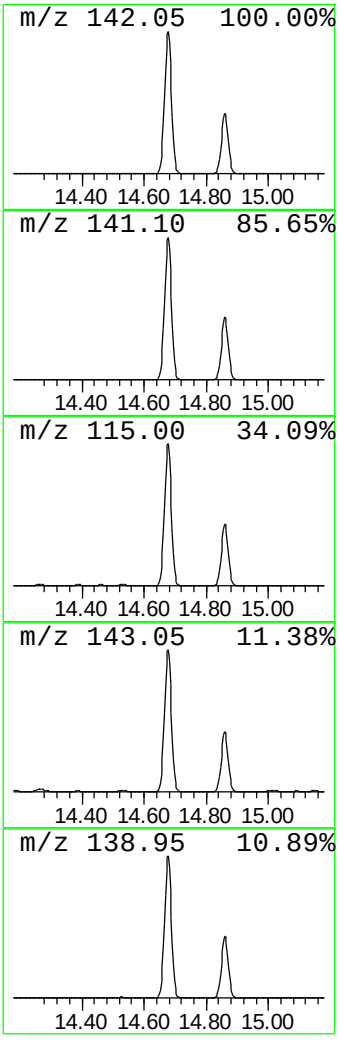
****

Peak Number 32 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	485.34 ug/L	12416100	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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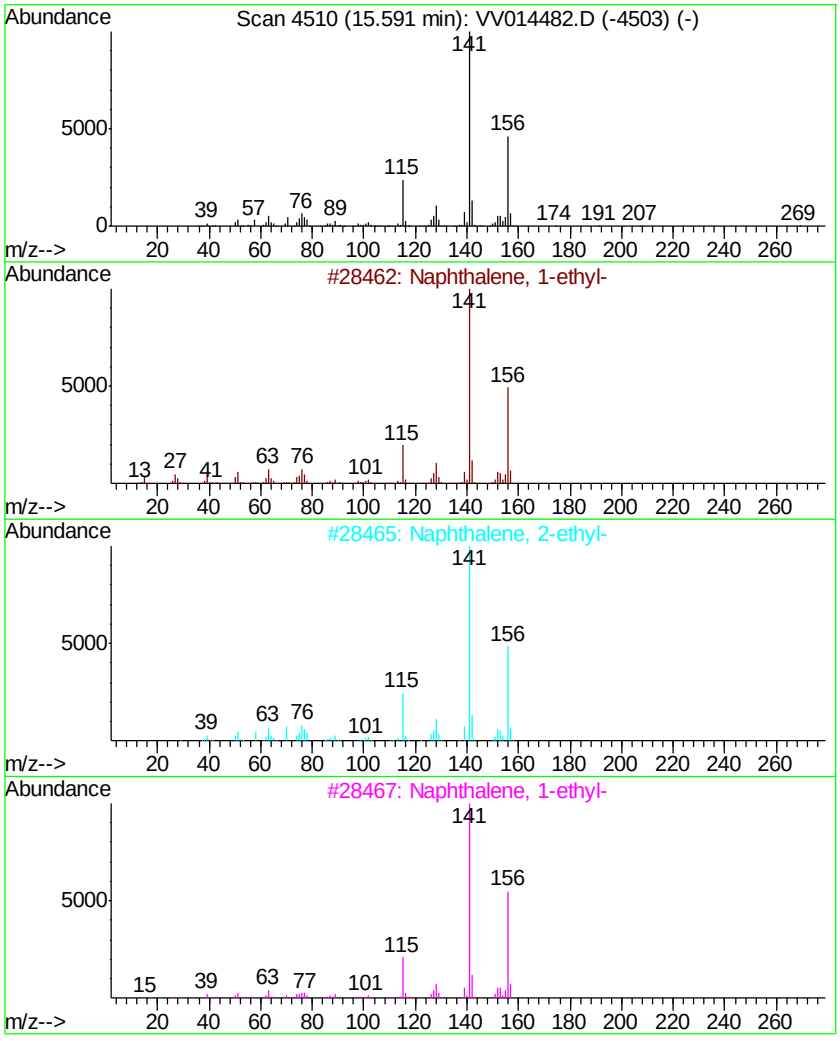
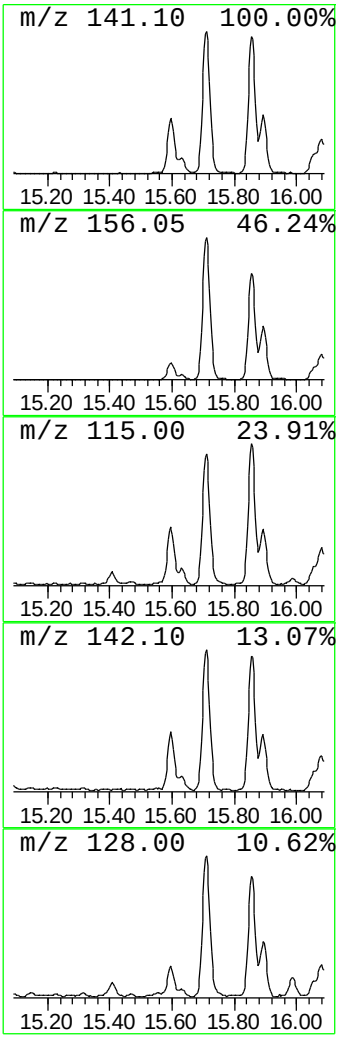
Peak Number 35 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	13.83 ug/L	353695	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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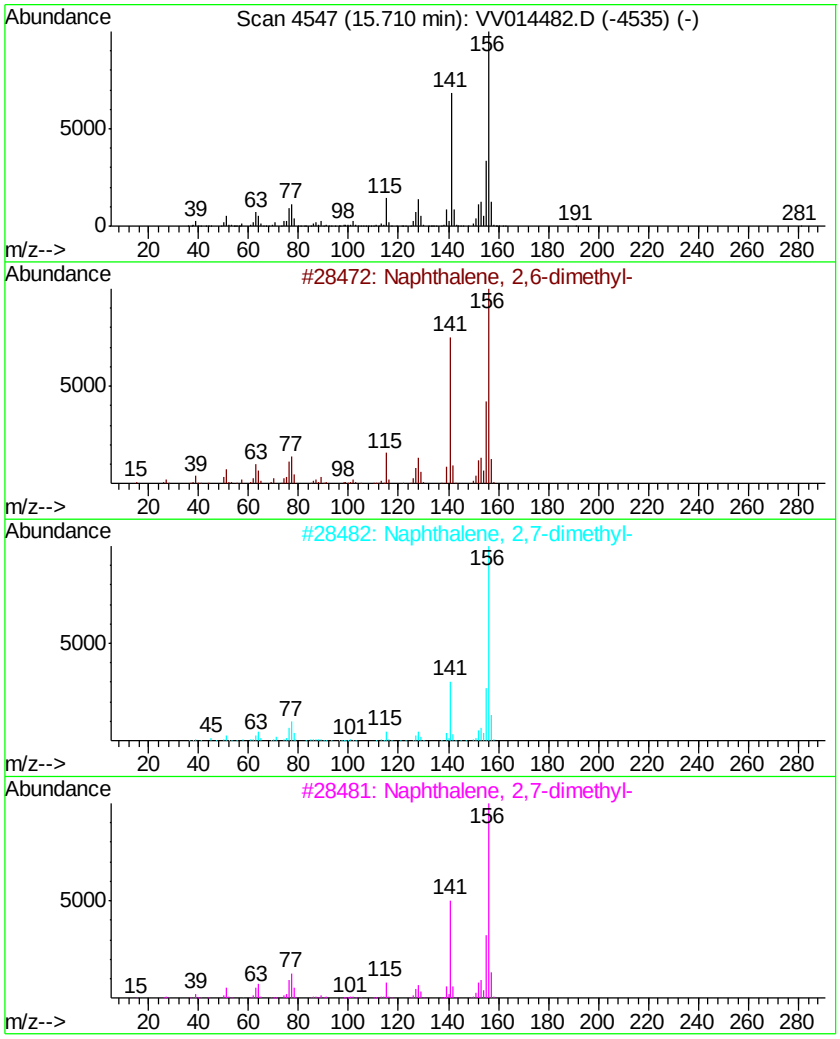
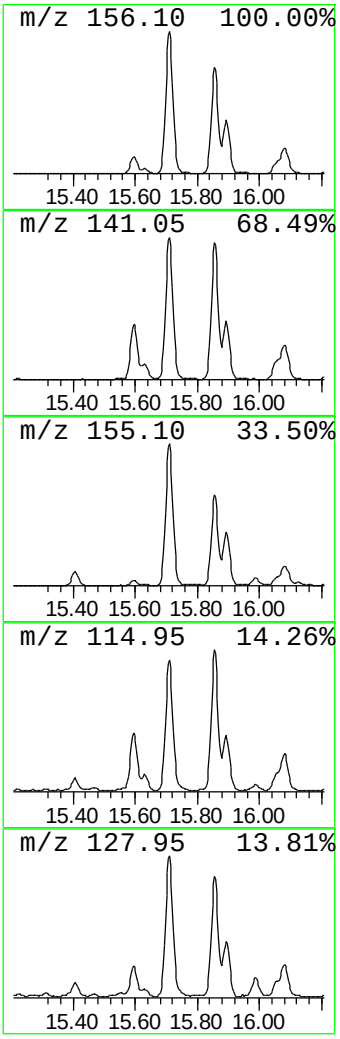
Peak Number 36 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	81.17 ug/L	2076500	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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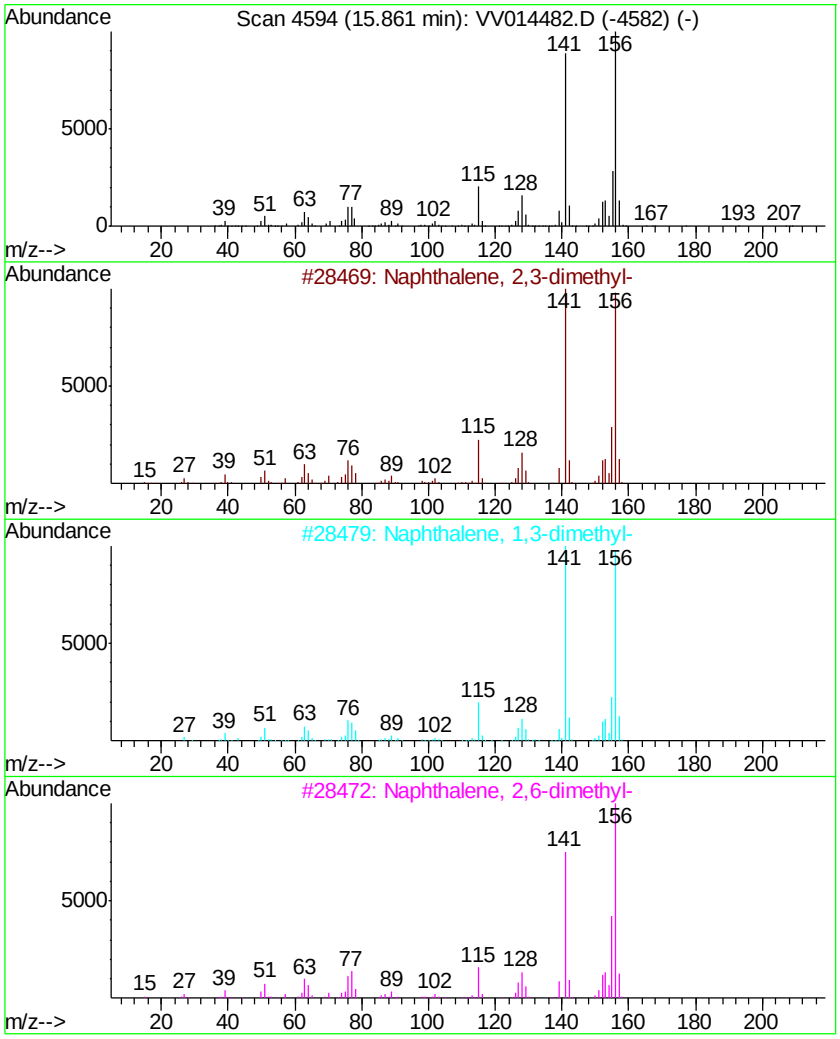
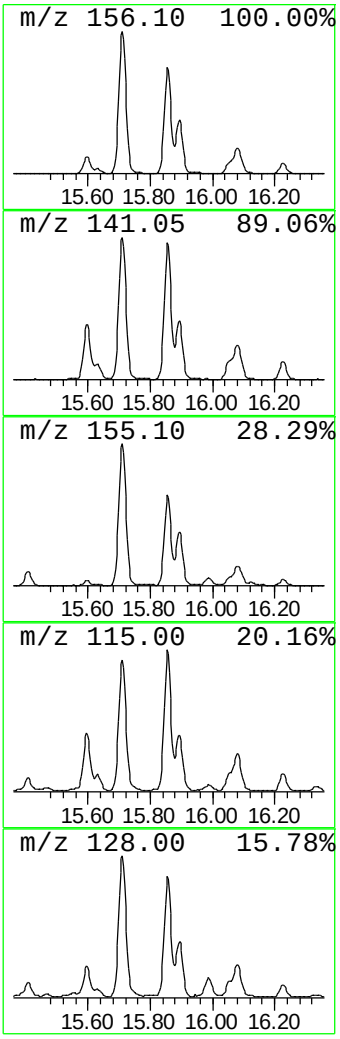
Peak Number 37 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	61.20 ug/L	1565570	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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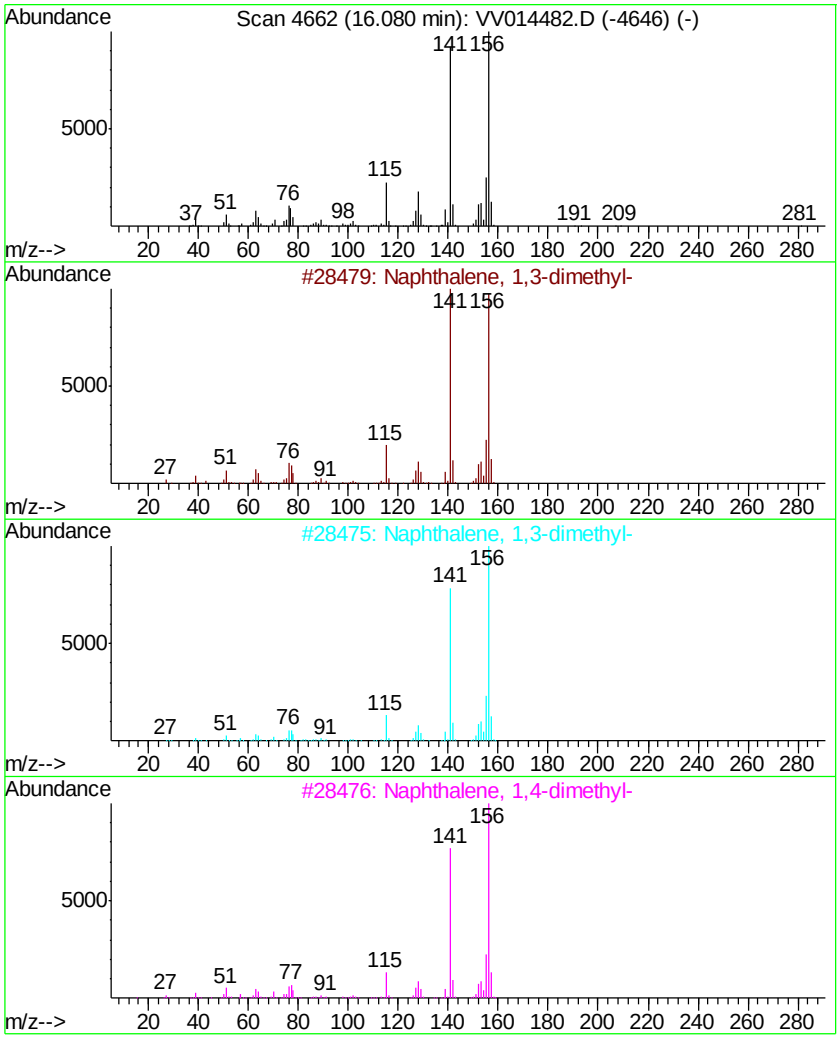
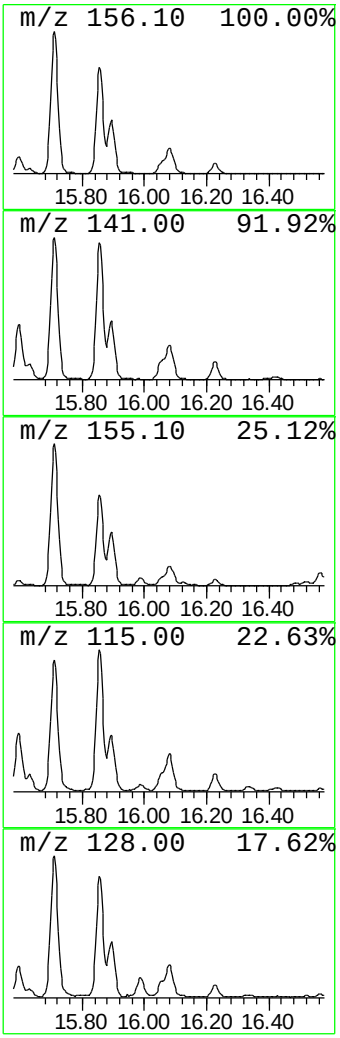
Peak Number 39 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	23.84 ug/L	609774	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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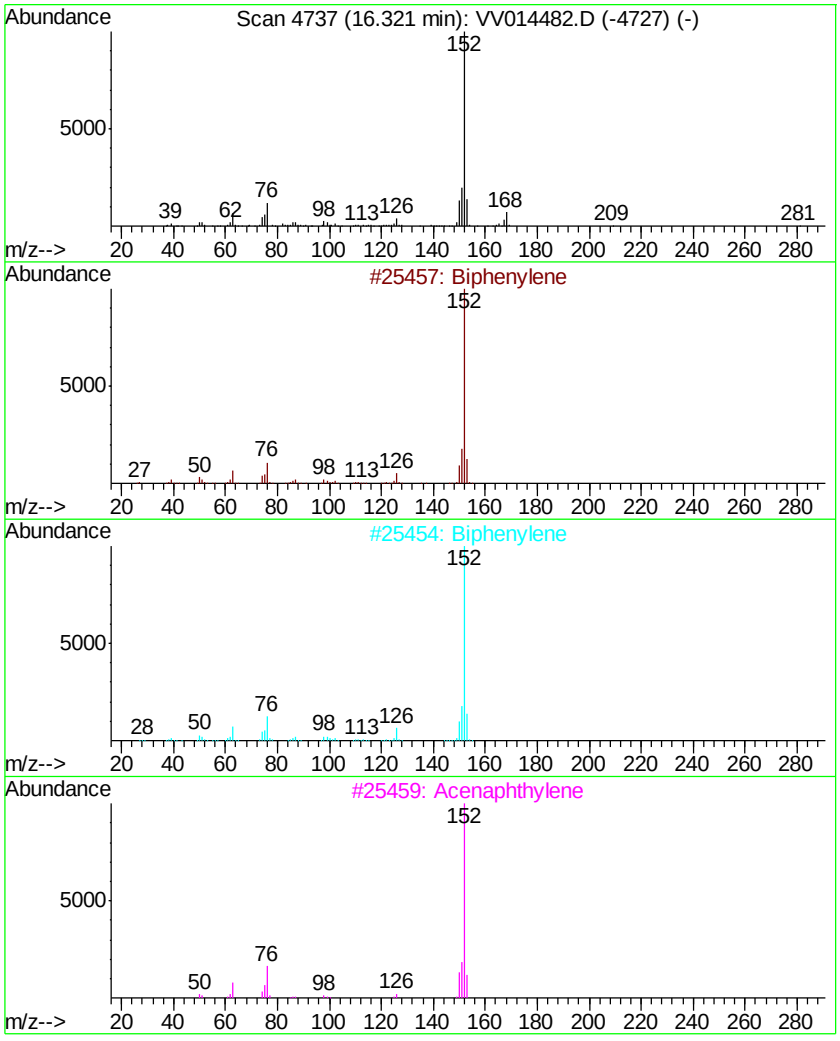
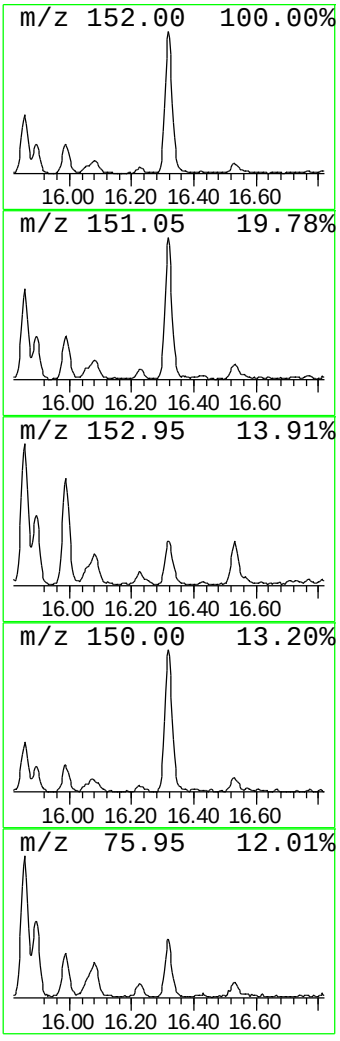
Peak Number 41 Biphenylene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	12.33 ug/L	315383	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	93
2	Biphenylene	152	C12H8	000259-79-0	93
3	Acenaphthylene	152	C12H8	000208-96-8	87
4	Acenaphthylene	152	C12H8	000208-96-8	83
5	Acenaphthylene	152	C12H8	000208-96-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.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-ethyl-...	10.49	14.6	ug/L	373206	3	11.29	1279110	50.0
Mesitylene	10.58	12.9	ug/L	330570	3	11.29	1279110	50.0
Benzene, 1-ethyl-...	10.78	2.9	ug/L	73659	3	11.29	1279110	50.0
.alpha.-Methylsty...	10.80	5.9	ug/L	149917	3	11.29	1279110	50.0
Benzene, 1,2,3-tr...	10.95	44.0	ug/L	1126250	3	11.29	1279110	50.0
Benzene, 1-etheny...	11.02	59.9	ug/L	1532280	3	11.29	1279110	50.0
Benzene, 1-etheny...	11.43	6.8	ug/L	175107	3	11.29	1279110	50.0
Indane	11.57	8.4	ug/L	215450	3	11.29	1279110	50.0
Indene	11.78	185.0	ug/L	4731770	3	11.29	1279110	50.0
Benzene, 1-methyl...	12.03	5.1	ug/L	129786	3	11.29	1279110	50.0
Benzene, 1-etheny...	12.11	4.7	ug/L	121303	3	11.29	1279110	50.0
Benzene, (2-methy...	12.23	18.4	ug/L	471760	3	11.29	1279110	50.0
Benzene, 2-etheny...	12.29	5.6	ug/L	144379	3	11.29	1279110	50.0
Benzene, 1,2,4,5-...	12.45	4.4	ug/L	113318	3	11.29	1279110	50.0
Benzene, 1-ethyl-...	12.51	14.9	ug/L	380322	3	11.29	1279110	50.0
Benzene, 1-etheny...	12.63	14.0	ug/L	358045	3	11.29	1279110	50.0
1H-Indene, 2,3-di...	12.77	3.8	ug/L	96602	3	11.29	1279110	50.0
p-Cymene	12.92	15.4	ug/L	392851	3	11.29	1279110	50.0
2-Methylindene	12.99	53.5	ug/L	1368240	3	11.29	1279110	50.0
1,4-Dihydronaphth...	13.19	9.3	ug/L	239069	3	11.29	1279110	50.0
Benzo[c]thiophene	13.67	8.5	ug/L	216973	3	11.29	1279110	50.0
(DEL) Alkane: Str...	13.94	5.5	ug/L	140694	3	11.29	1279110	50.0
1H-Indene, 1,3-di...	14.14	10.4	ug/L	266487	3	11.29	1279110	50.0
1H-Cyclopropa[b]n...	14.53	6.3	ug/L	160838	3	11.29	1279110	50.0
Benzo[b]thiophene...	14.62	3.0	ug/L	77574	3	11.29	1279110	50.0
Naphthalene, 1-me...	14.68	485.3	ug/L	12416100	3	11.29	1279110	50.0
Naphthalene, 1-et...	15.59	13.8	ug/L	353695	3	11.29	1279110	50.0
Naphthalene, 2,6-...	15.71	81.2	ug/L	2076500	3	11.29	1279110	50.0
Naphthalene, 2,3-...	15.86	61.2	ug/L	1565570	3	11.29	1279110	50.0
Naphthalene, 1,3-...	16.08	23.8	ug/L	609774	3	11.29	1279110	50.0
Biphenylene	16.32	12.3	ug/L	315383	3	11.29	1279110	50.0