LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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	1.319	65	71	89	rVB	149078	162607	0.29%	0.083%
2	2.106	306	316	327	rBV	188400	263218	0.47%	0.135%
3	2.341	388	389	391	rBV2	575	249	0.00%	0.000%
4	2.647	474	484	500	rVB	9148	19827	0.04%	0.010%
5	2.814	535	536	541	rVB4	722	541	0.00%	0.000%
6	2.840	541	544	546	rBV3	331	215	0.00%	0.000%
7	2.856	546	549	552	rBV	382	233	0.00%	0.000%
8	2.926	566	571	573	rBV2	817	630	0.00%	0.000%
9	2.952	576	579	581	rBV3	559	373	0.00%	0.000%
10	2.987	588	590	591	rBV	427	188	0.00%	0.000%
11	3.023	598	601	602	rBV	535	297	0.00%	0.000%
12	3.113	627	629	630	rBV	474	189	0.00%	0.000%
13	3.306	686	689	691	rBV	434	226	0.00%	0.000%
14	3.357	703	705	707	rBV2	422	205	0.00%	0.000%
15	3.418	721	724	727	rBV	381	207	0.00%	0.000%
16	3.434	727	729	732	rBV	355	213	0.00%	0.000%
17	3.505	749	751	753	rBV3	515	239	0.00%	0.000%
18	3.553	762	766	767	rBV2	569	269	0.00%	0.000%
19	3.566	767	770	774	rVV3	562	402	0.00%	0.000%
20	3.643	791	794	797	rBV2	425	218	0.00%	0.000%
21	3.672	800	803	805	rVB3	343	189	0.00%	0.000%
22	3.756	826	829	834	rBV4	451	389	0.00%	0.000%
23	3.798	834	842	844	rBV5	543	544	0.00%	0.000%
24	3.868	861	864	866	rVB	401	214	0.00%	0.000%
25	3.933	869	884	915	rBV2	68198	217652	0.39%	0.112%
26	4.393	1010	1027	1050	rBV	186227	459289	0.82%	0.236%
27	4.518	1064	1066	1068	rBV2	493	223	0.00%	0.000%
28	4.585	1082	1087	1093	rVB6	852	892	0.00%	0.000%
29	4.675	1113	1115	1119	rBV2	396	234	0.00%	0.000%
30	4.704	1119	1124	1128	rBV4	712	826	0.00%	0.000%
31	4.884	1176	1180	1181	rBV2	364	271	0.00%	0.000%
32	4.946	1197	1199	1201	rVB2	386	200	0.00%	0.000%
33	4.997	1213	1215	1217	rBV2	464	219	0.00%	0.000%
34	5.013	1217	1220	1221	rBV	671	319	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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	5.084	1225	1242	1256	rBV2	492940	1214100	2.18%	0.623%
36	5.286	1303	1305	1308	rBV	462	303	0.00%	0.000%
37	5.315	1311	1314	1315	rBV2	513	256	0.00%	0.000%
38	5.386	1333	1336	1337	rVV2	537	265	0.00%	0.000%
39	5.447	1353	1355	1358	rVB	534	244	0.00%	0.000%
40	5.495	1365	1370	1371	rBV2	404	302	0.00%	0.000%
41	5.521	1376	1378	1382	rVV3	443	284	0.00%	0.000%
42	5.656	1405	1420	1446	rBV	439452	877828	1.57%	0.450%
43	5.807	1465	1467	1471	rVB2	1098	639	0.00%	0.000%
44	5.830	1471	1474	1479	rBV4	360	327	0.00%	0.000%
45	5.942	1497	1509	1525	rBB5	9302	19725	0.04%	0.010%
46	6.029	1534	1536	1541	rBV4	556	465	0.00%	0.000%
47	6.109	1546	1561	1590	rBV	269571	552472	0.99%	0.283%
48	6.290	1615	1617	1625	rVB3	969	844	0.00%	0.000%
49	6.331	1625	1630	1631	rBV	579	457	0.00%	0.000%
50	6.376	1641	1644	1648	rVB2	757	569	0.00%	0.000%
51	6.409	1648	1654	1656	rBV2	302	206	0.00%	0.000%
52	6.428	1656	1660	1664	rBV3	644	648	0.00%	0.000%
53	6.447	1664	1666	1670	rVB2	398	218	0.00%	0.000%
54	6.495	1678	1681	1682	rBV	608	272	0.00%	0.000%
55	6.576	1704	1706	1709	rBV2	405	229	0.00%	0.000%
56	6.666	1725	1734	1735	rBV4	1833	1795	0.00%	0.001%
57	6.827	1780	1784	1785	rBV2	454	339	0.00%	0.000%
58	6.897	1801	1806	1808	rBV3	548	389	0.00%	0.000%
59	6.913	1808	1811	1812	rBV	321	200	0.00%	0.000%
60	7.023	1830	1845	1869	rBV	168846	314889	0.56%	0.162%
61	7.232	1907	1910	1913	rBV2	731	385	0.00%	0.000%
62	7.273	1919	1923	1926	rBV4	1133	995	0.00%	0.001%
63	7.354	1936	1948	1962	rBV	616280	1075464	1.93%	0.552%
64	7.428	1963	1971	1990	rVB	152960	268296	0.48%	0.138%
65	7.601	2022	2025	2032	rVB7	2764	2963	0.01%	0.002%
66	7.659	2033	2043	2068	rVV	117124	217484	0.39%	0.112%
67	7.881	2110	2112	2113	rBV2	553	251	0.00%	0.000%
68	8.052	2162	2165	2167	rBV2	628	323	0.00%	0.000%
69	8.138	2175	2192	2225	rBV	335375	663124	1.19%	0.340%
70	8.630	2330	2345	2354	rBV10	4701	11954	0.02%	0.006%
71	8.823	2399	2405	2414	rVB5	5561	8875	0.02%	0.005%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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	8.894	2415	2427	2443	rBV	678481	1151144	2.06%	0.590%
73	9.051	2464	2476	2494	rBV	499988	810877	1.45%	0.416%
74	9.177	2504	2515	2528	rBV	1102258	1815280	3.26%	0.931%
75	9.598	2631	2646	2673	rVB3	1142587	2570818	4.61%	1.319%
76	10.260	2842	2852	2864	rBV	440247	716900	1.29%	0.368%
77	10.395	2887	2894	2912	rVB	77790	121856	0.22%	0.063%
78	10.489	2914	2923	2938	rBV	424792	995090	1.78%	0.510%
79	10.955	3060	3068	3079	rVB	1966418	2926747	5.25%	1.501%
80	11.026	3080	3090	3099	rVV	2274052	3387671	6.08%	1.738%
81	11.074	3099	3105	3117	rVB	793801	1142054	2.05%	0.586%
82	11.289	3163	3172	3189	rBV	852629	1322734	2.37%	0.679%
83	11.376	3191	3199	3209	rVV	717489	1076089	1.93%	0.552%
84	11.437	3211	3218	3232	rVB	590176	886055	1.59%	0.455%
85	11.569	3250	3259	3268	rBV2	450195	749412	1.34%	0.384%
86	11.669	3283	3290	3305	rVB3	845479	1535715	2.75%	0.788%
87	11.788	3316	3327	3346	rBV	7784179	12636176	22.67%	6.482%
88	12.508	3543	3551	3565	rBV2	585007	1199704	2.15%	0.615%
89	12.630	3583	3589	3600	rBV2	451334	751671	1.35%	0.386%
90	12.990	3692	3701	3712	rVB	2420788	3614512	6.48%	1.854%
91	13.096	3724	3734	3752	rVB	2646035	4460055	8.00%	2.288%
92	13.559	3863	3878	3892	rVB2	28758056	55751852	100.00%	28.599%
93	14.685	4215	4228	4244	rVB	22286768	38273421	68.65%	19.633%
94	14.865	4272	4284	4300	rVB	14351511	23732043	42.57%	12.174%
95	15.405	4443	4452	4463	rVB	3359708	5010235	8.99%	2.570%
96	15.710	4536	4547	4570	rBV	4121755	7057773	12.66%	3.620%
97	15.855	4583	4592	4599	rBV	4716904	7440894	13.35%	3.817%
98	16.054	4647	4654	4656	rBV	660354	790753	1.42%	0.406%
99	16.225	4699	4707	4723	rVB	665034	997009	1.79%	0.511%
100	16.318	4726	4736	4754	rVB	3363484	5649555	10.13%	2.898%

Sum of corrected areas: 194944481

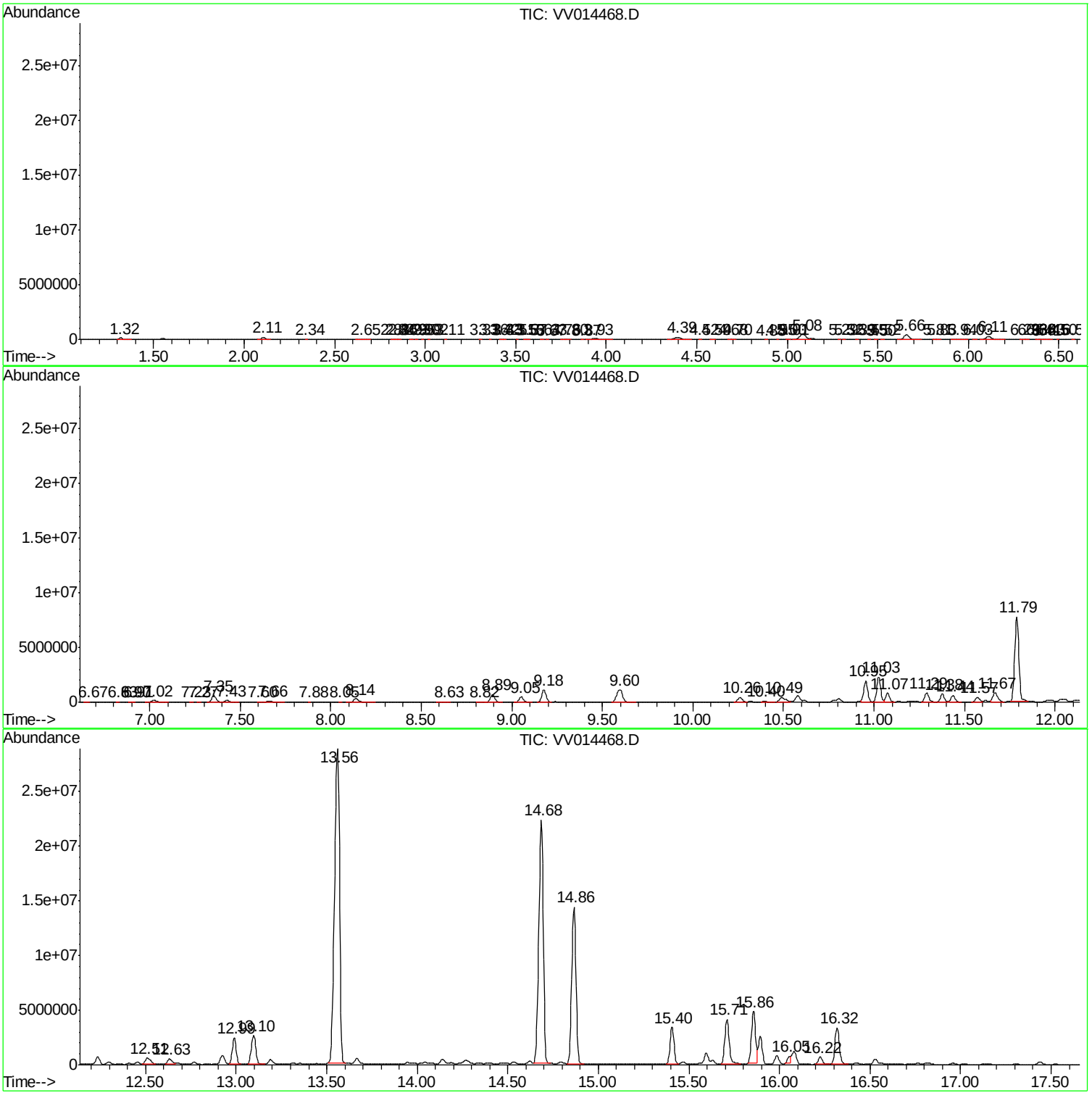
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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

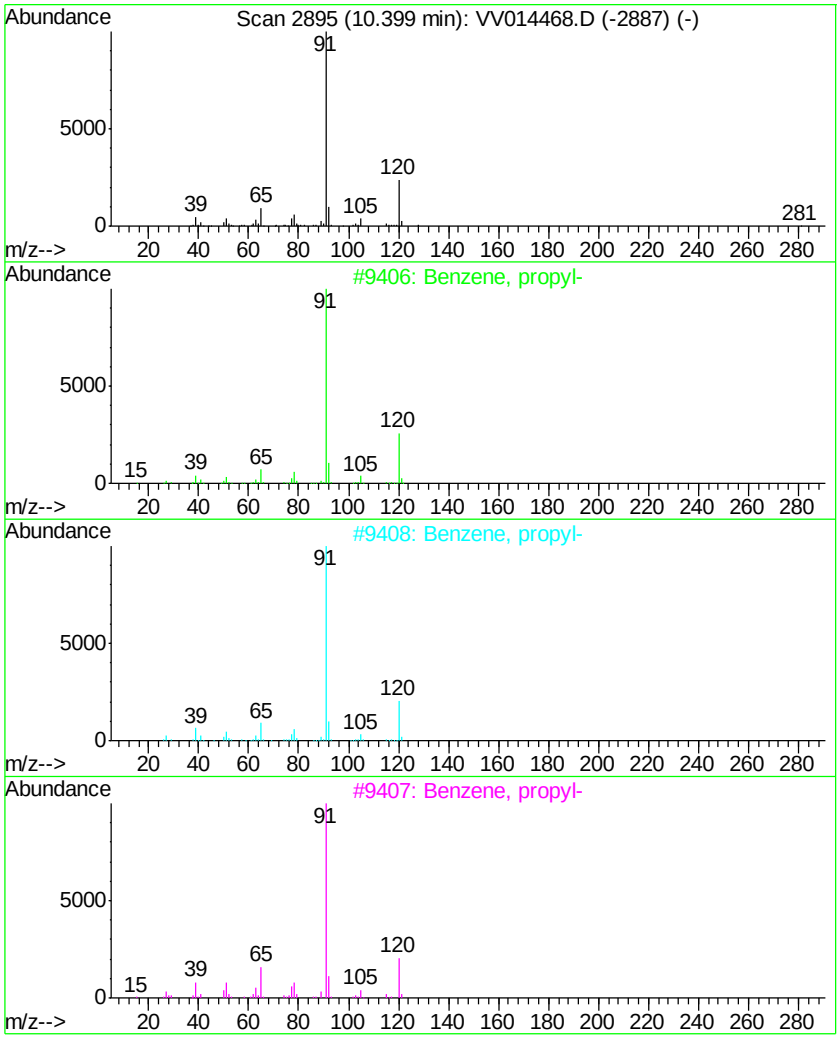
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

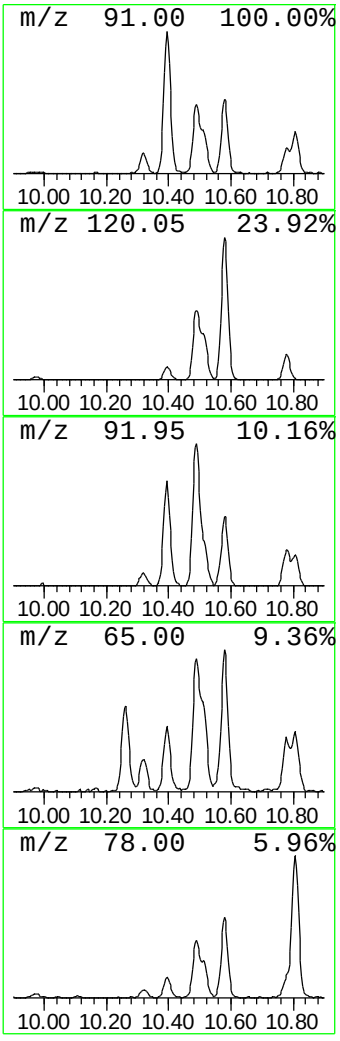
****

Peak Number 2 Benzene, propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	4.61 ug/L	121856	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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

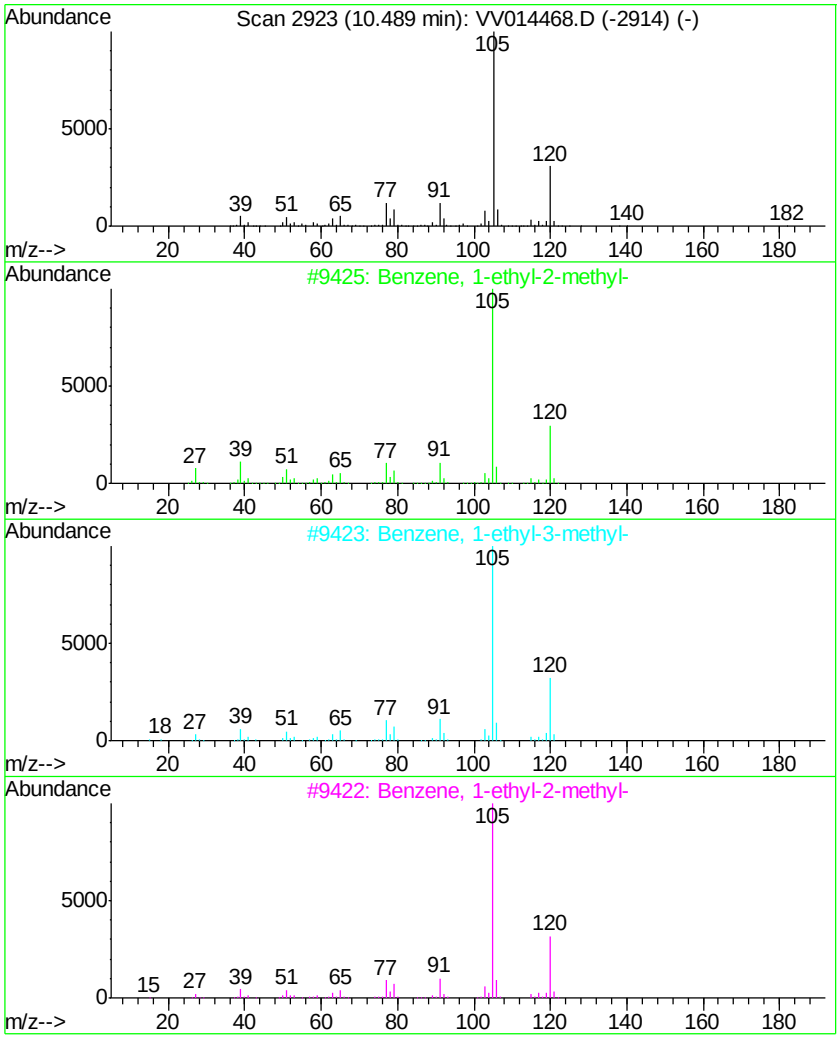
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

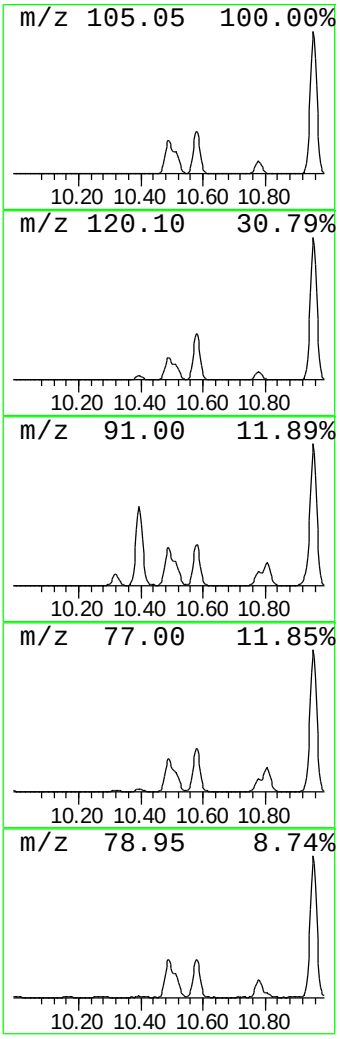
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	37.61 ug/L	995090	1,4-Dichlorobenzene-d4	11.29

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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

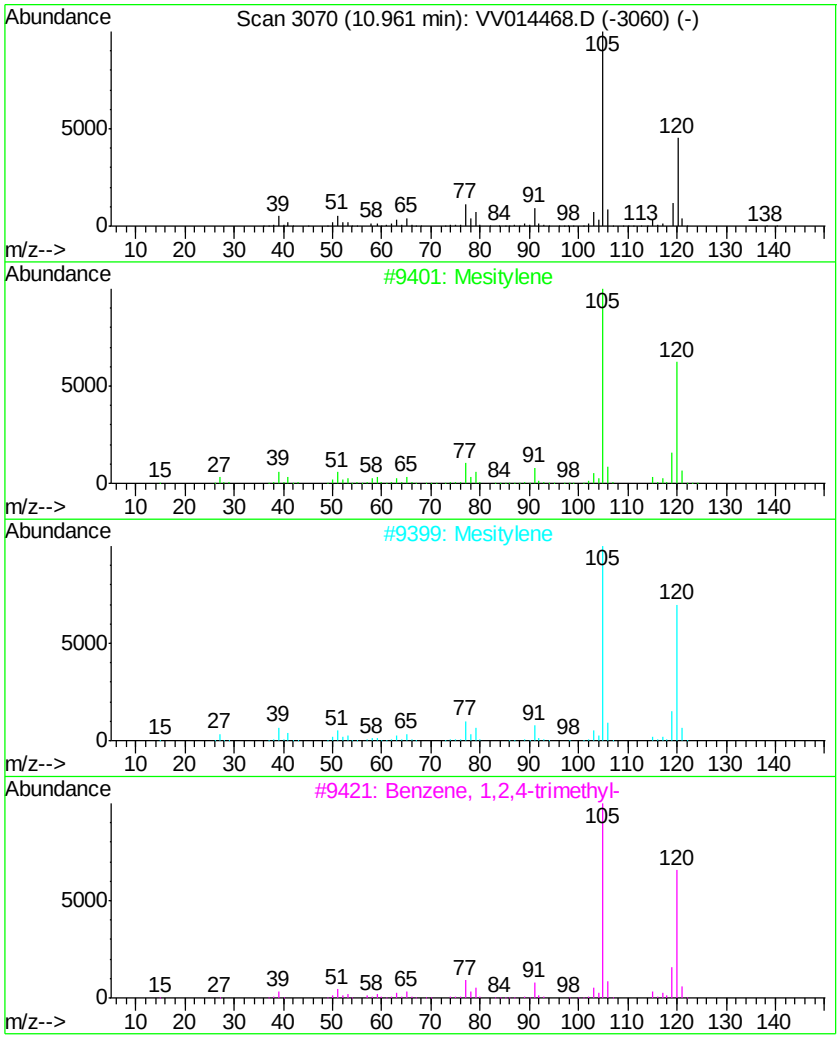
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

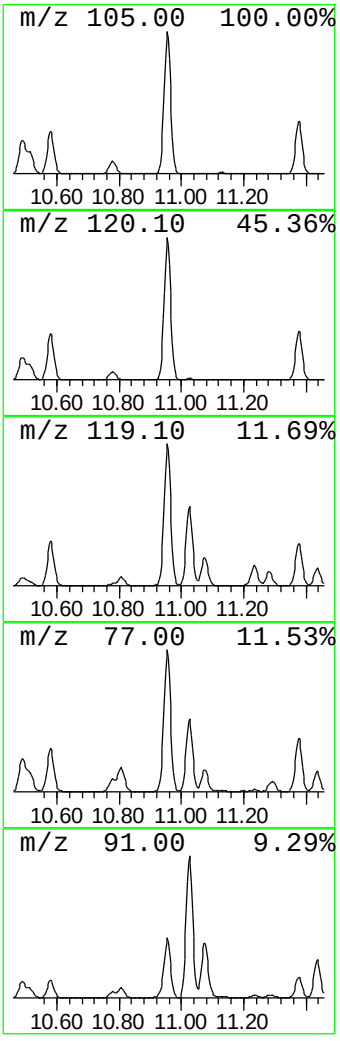
****

Peak Number 4 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	110.63 ug/L	2926750	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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

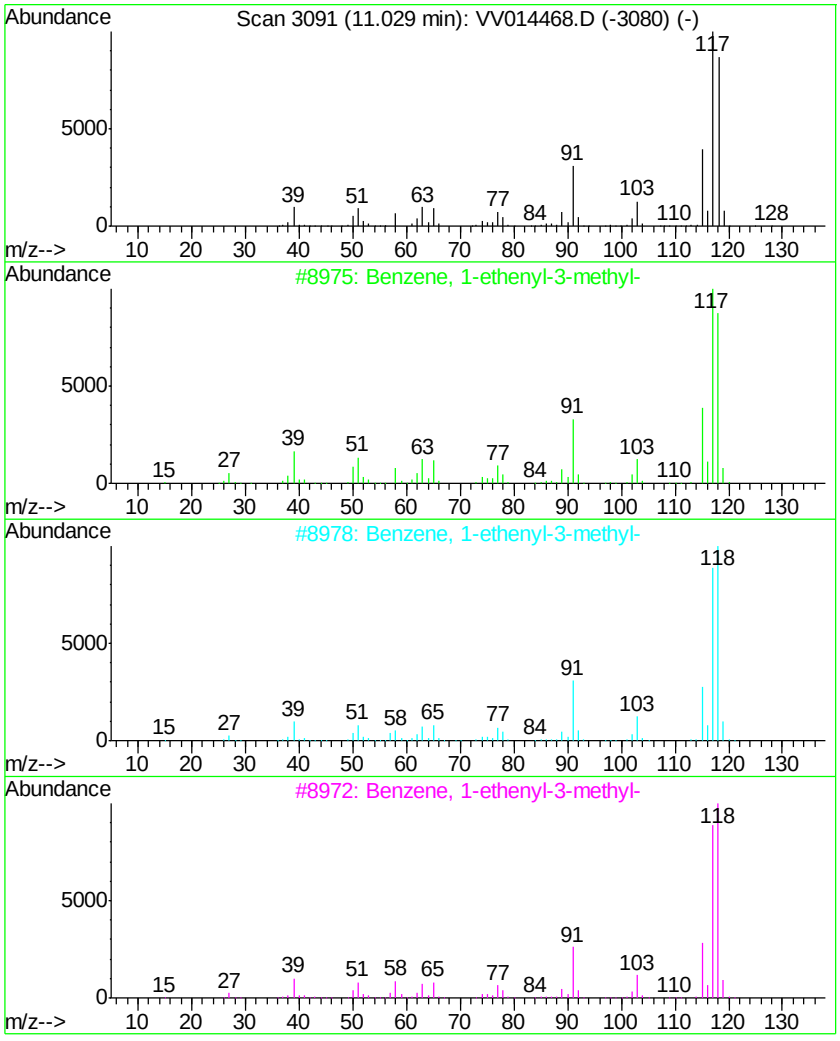
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

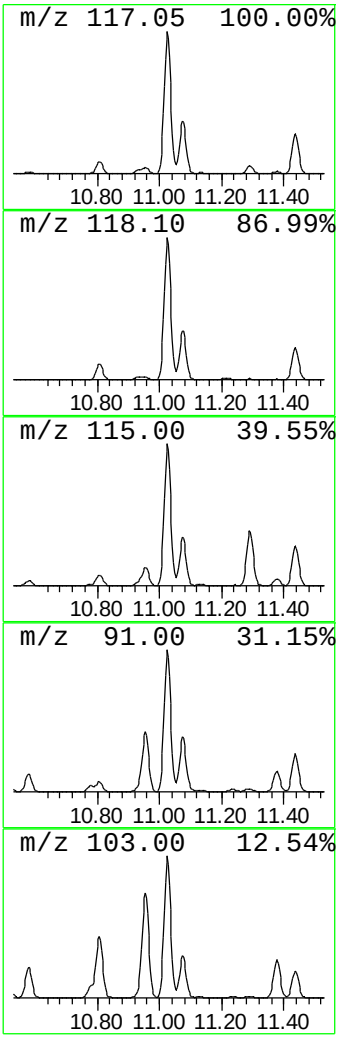
****

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	128.06 ug/L	3387670	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, cyclopropyl-	118	C9H10	000873-49-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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

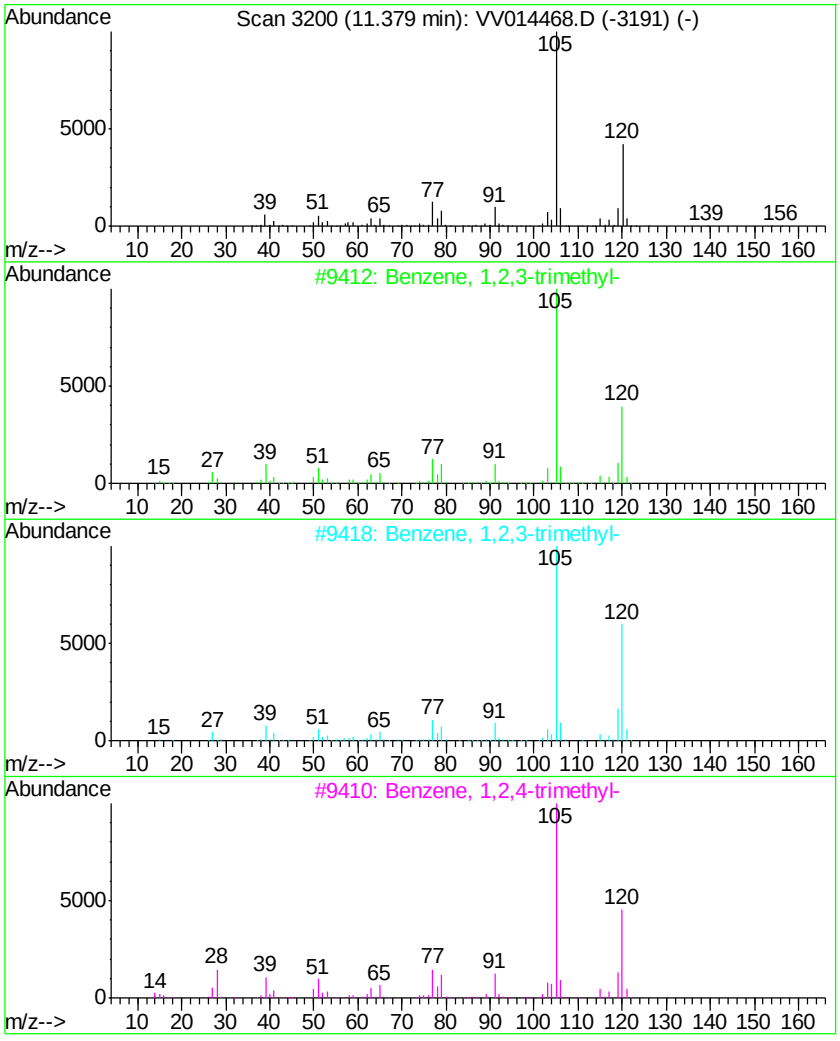
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

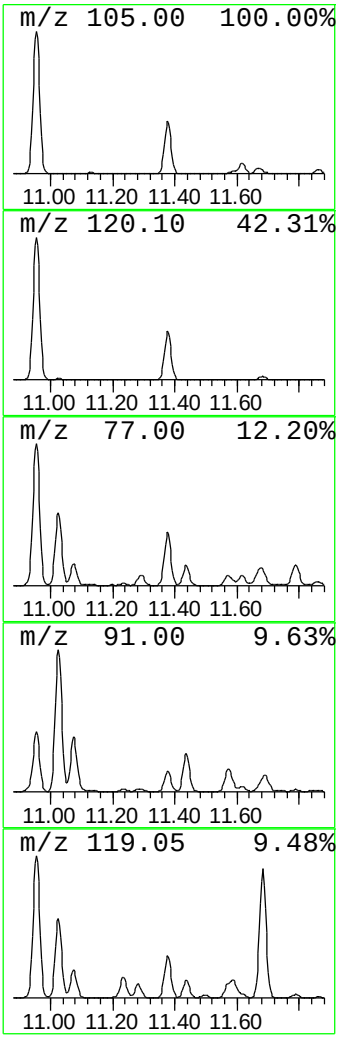
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	40.68 ug/L	1076090	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	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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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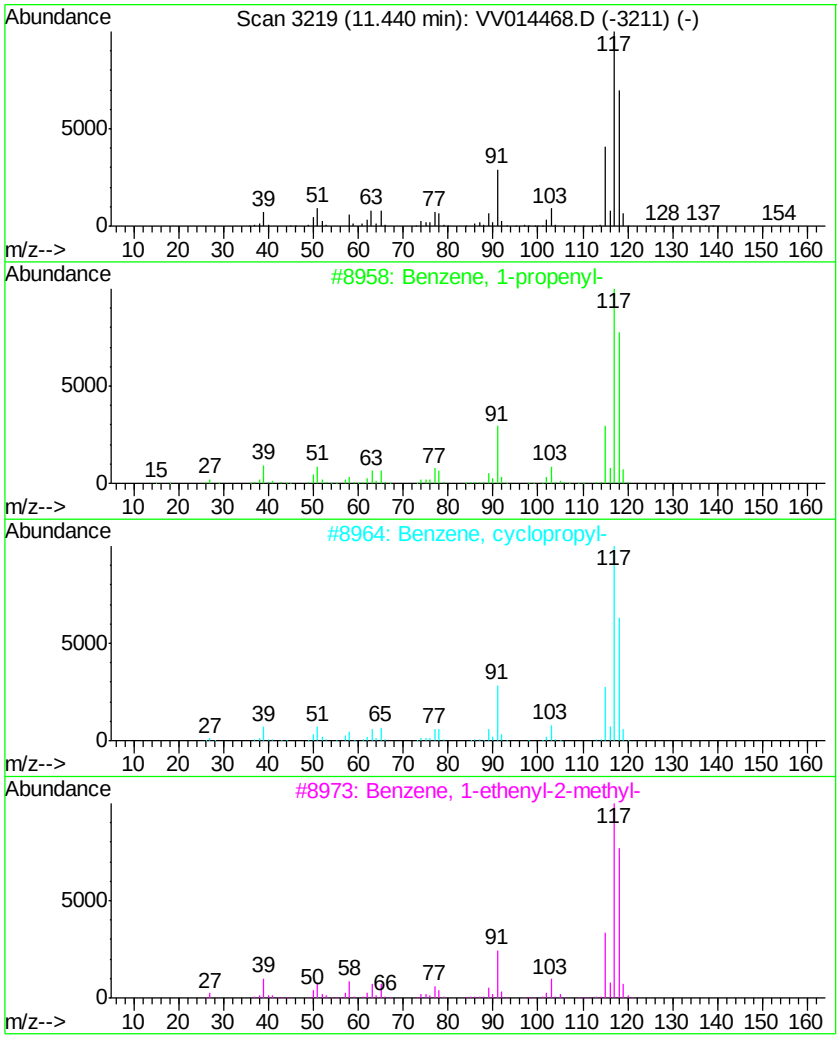
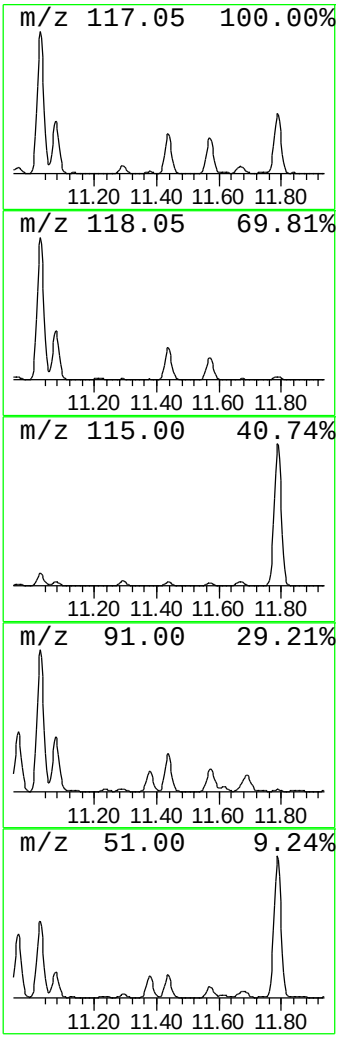
Peak Number 8 Benzene, 1-propenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	33.49 ug/L	886055	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	89





Library Search Compound Report

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Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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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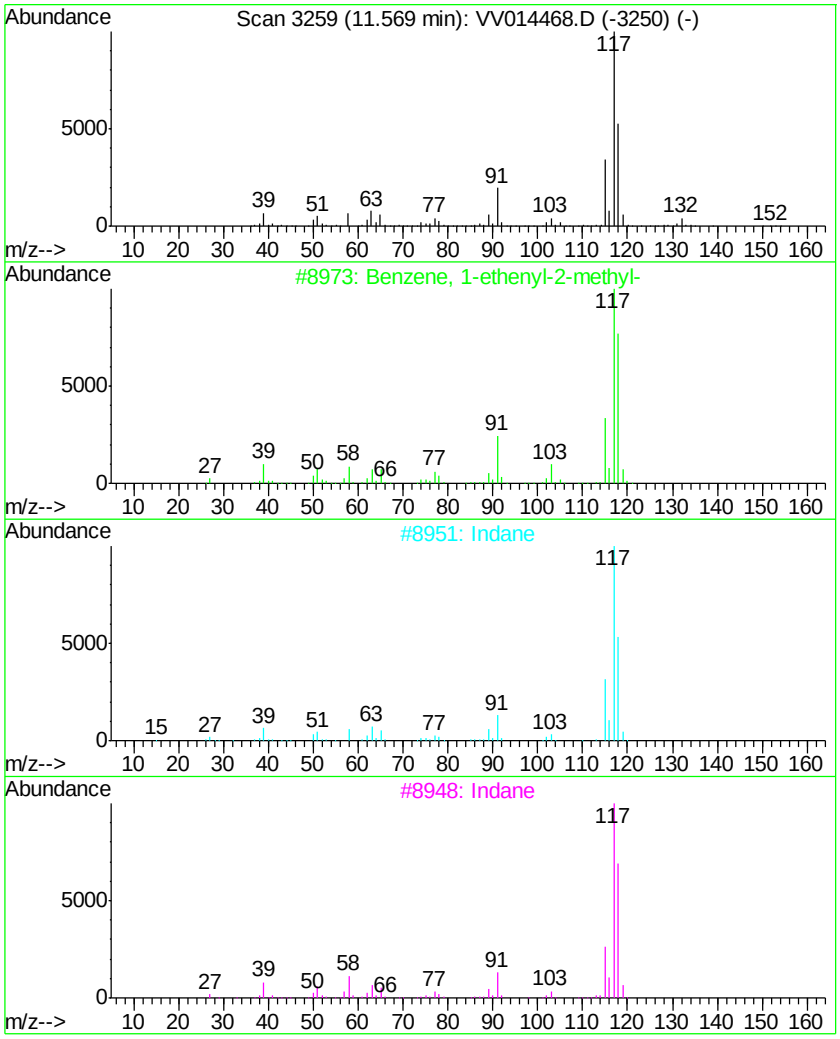
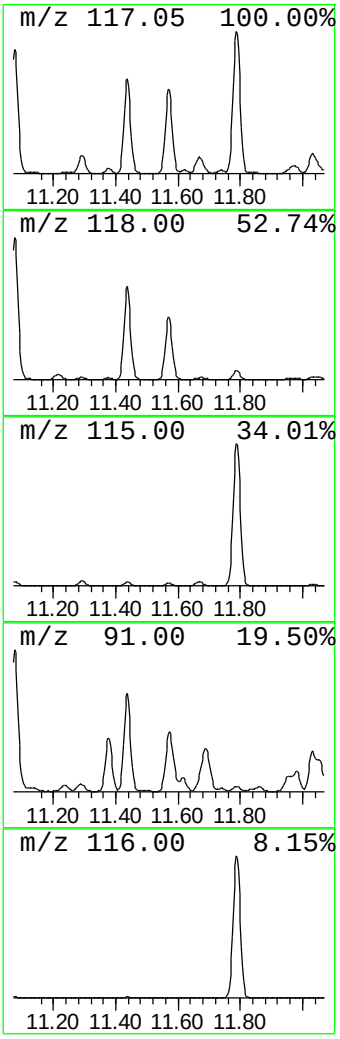
Peak Number 9 Benzene, 1-ethenyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	28.33 ug/L	749412	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	81
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72





Library Search Compound Report

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Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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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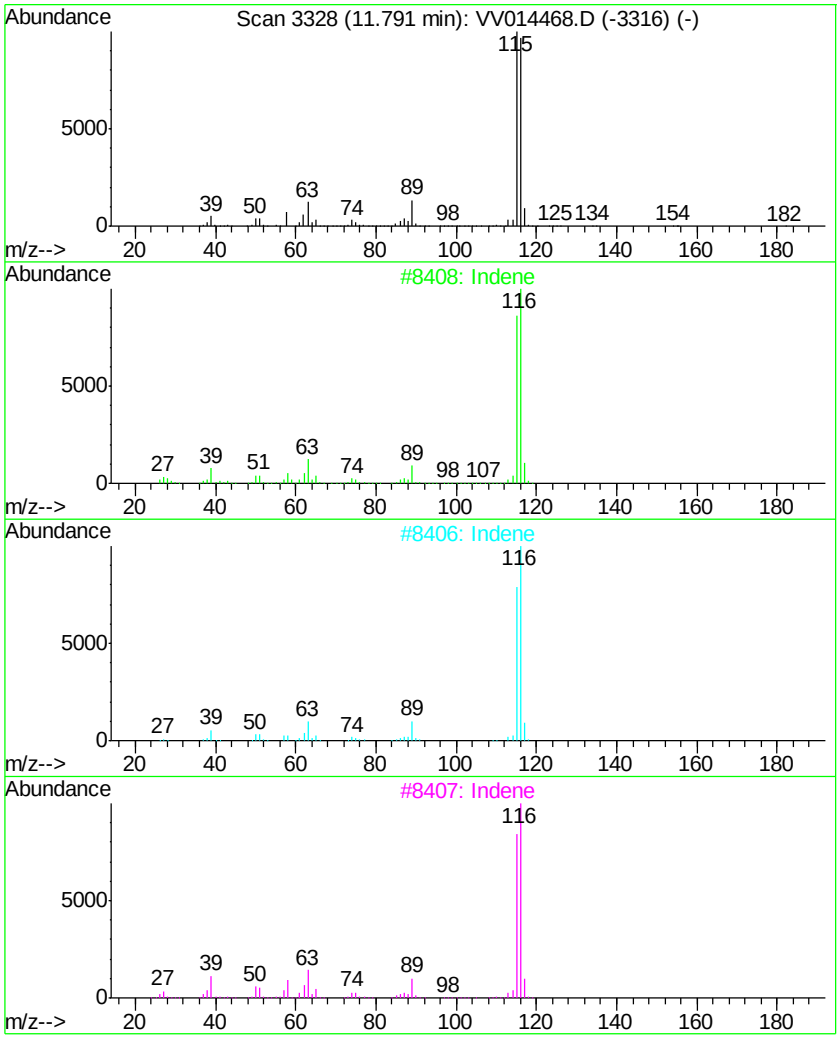
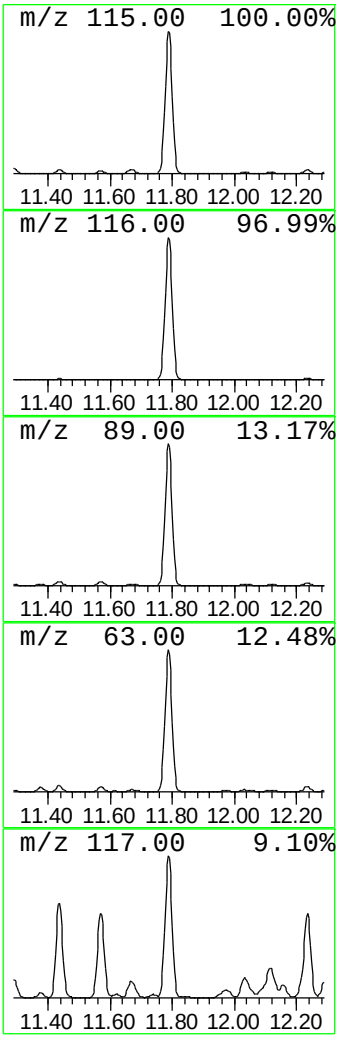
Peak Number 10 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	477.65 ug/L	12636200	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	97
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





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Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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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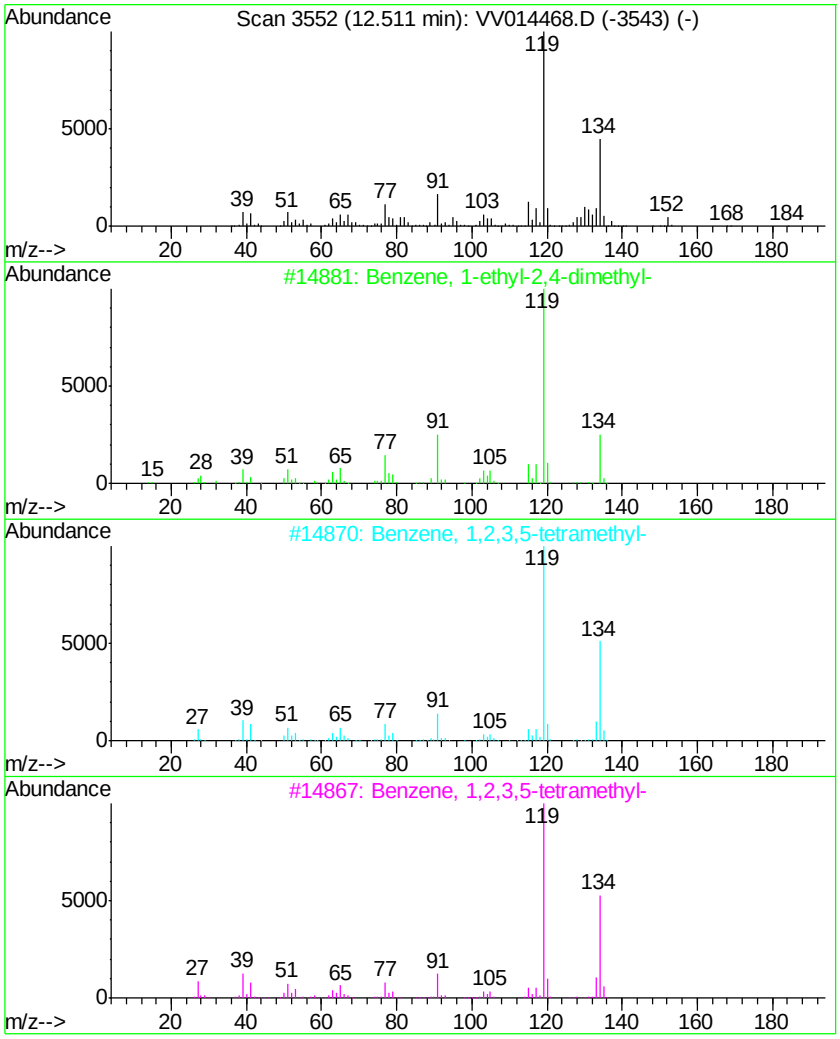
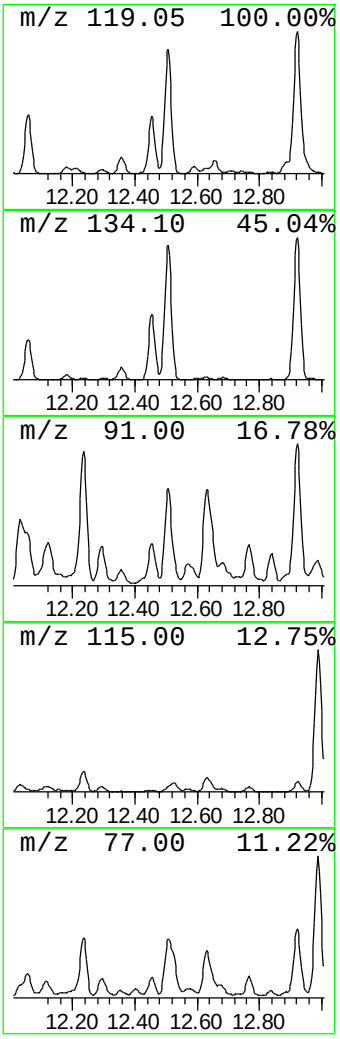
Peak Number 11 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	45.35 ug/L	1199700	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





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Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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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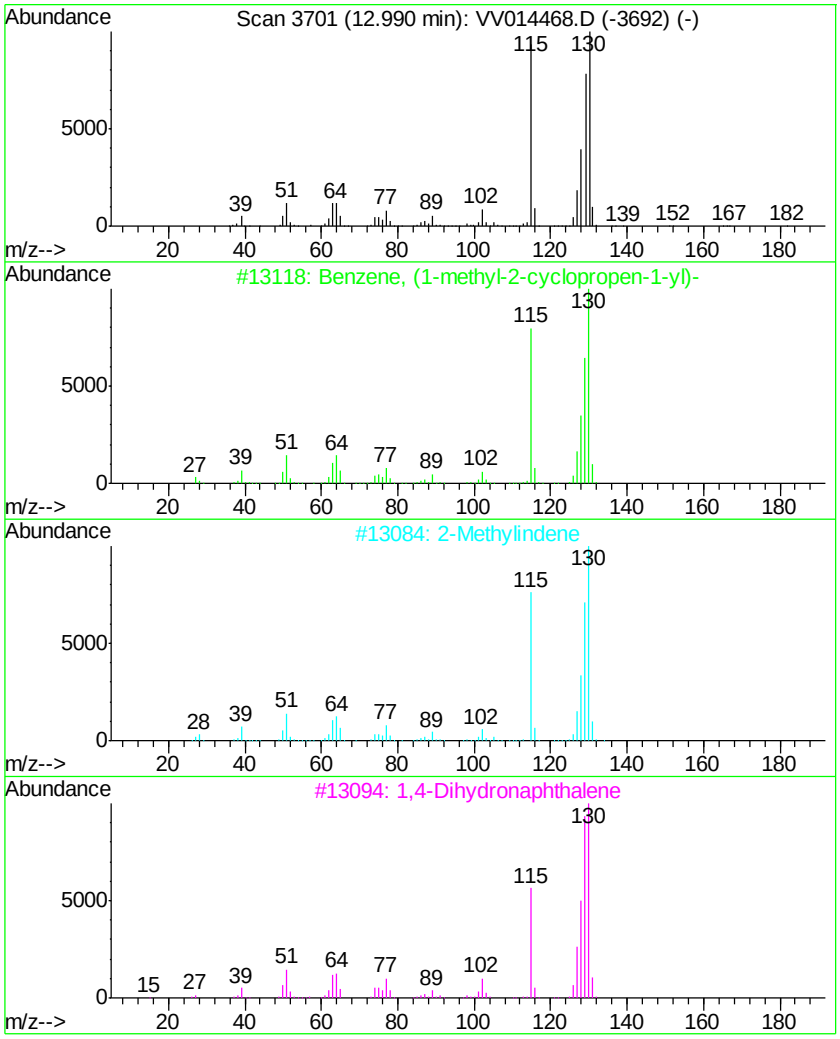
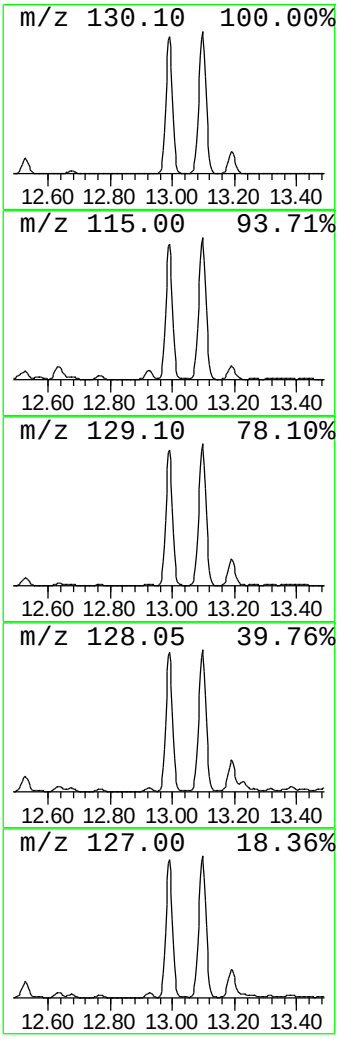
Peak Number 13 Benzene, (1-methyl-2-cyclop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	136.63 ug/L	3614510	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





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Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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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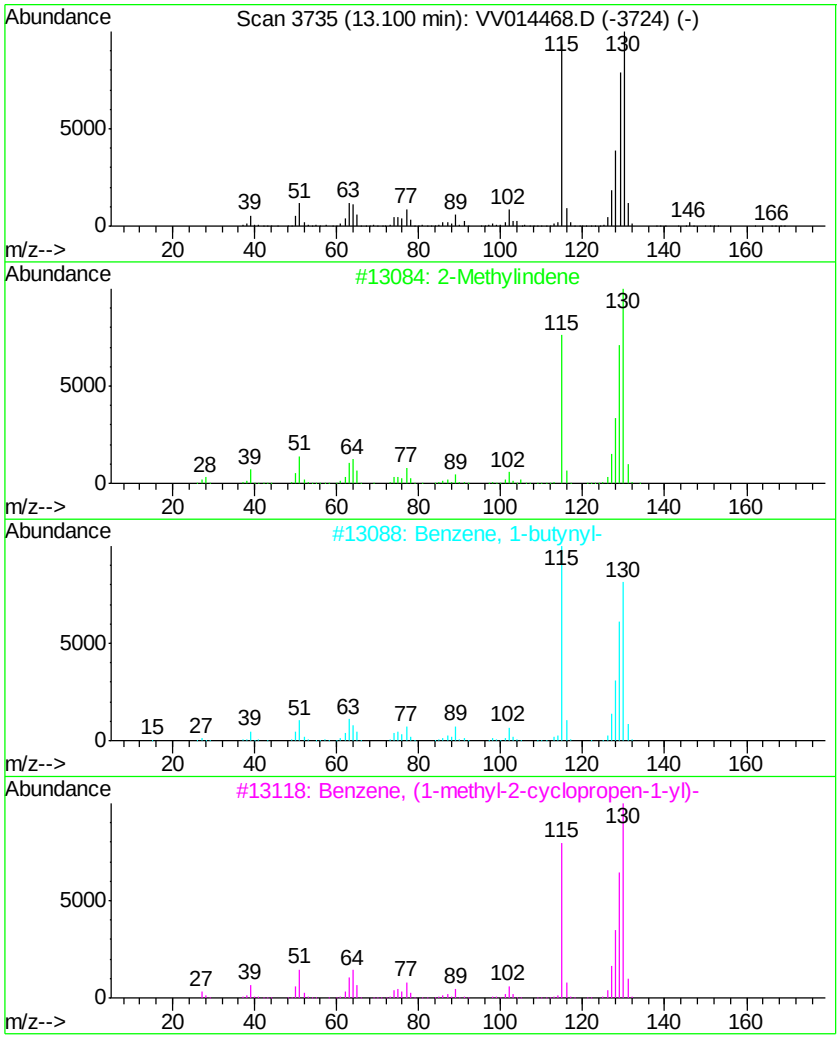
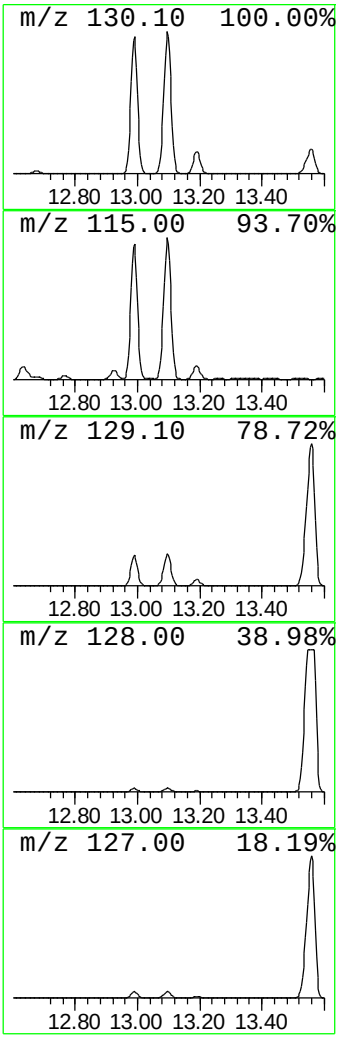
Peak Number 14 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	168.59 ug/L	4460060	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-butynyl-	130	C10H10	000622-76-4	95
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95





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Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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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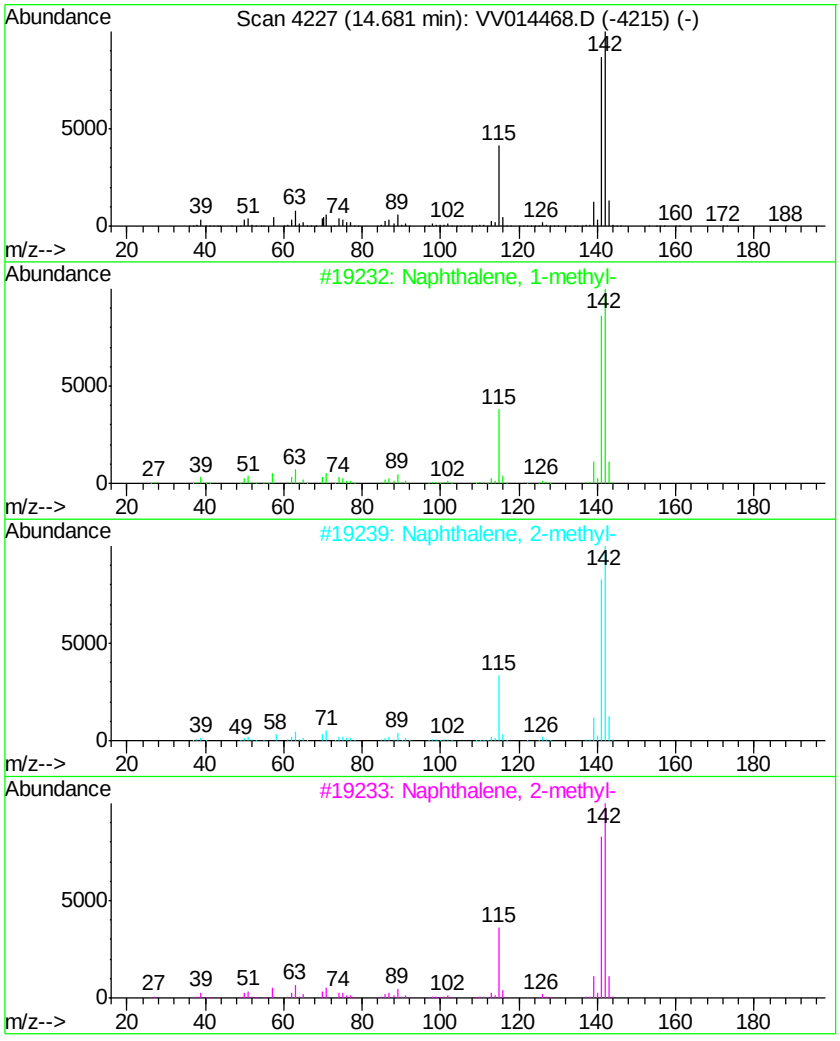
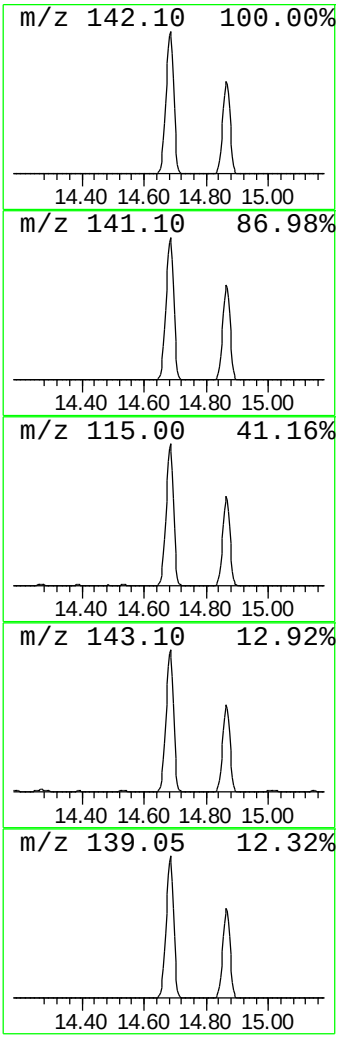
Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	1446.75 ug/L	38273400	1,4-Dichlorobenzene-d4	11.29

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





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Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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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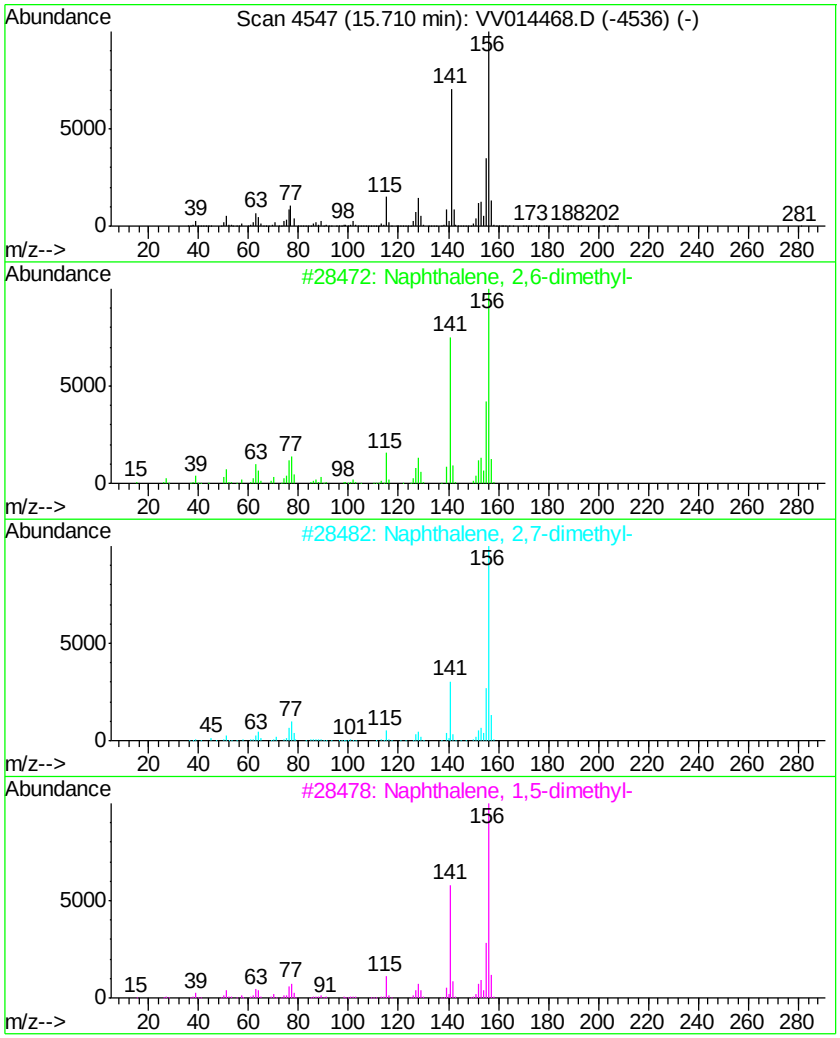
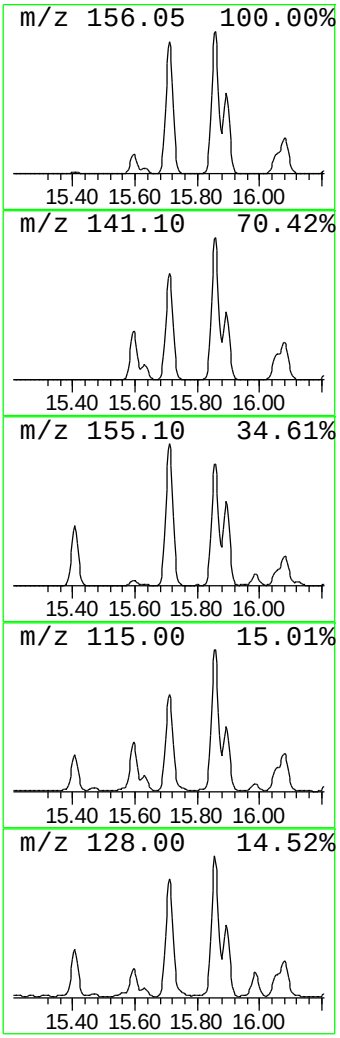
Peak Number 19 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	266.79 ug/L	7057770	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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Library Search Compound Report

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Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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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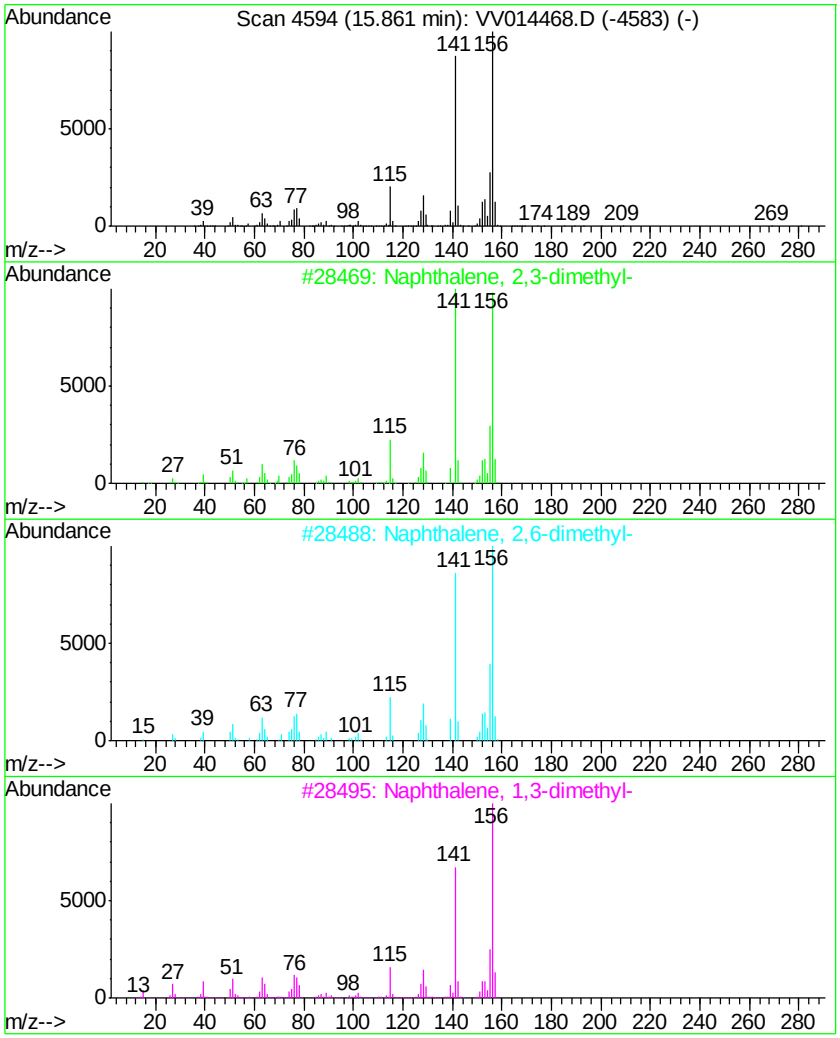
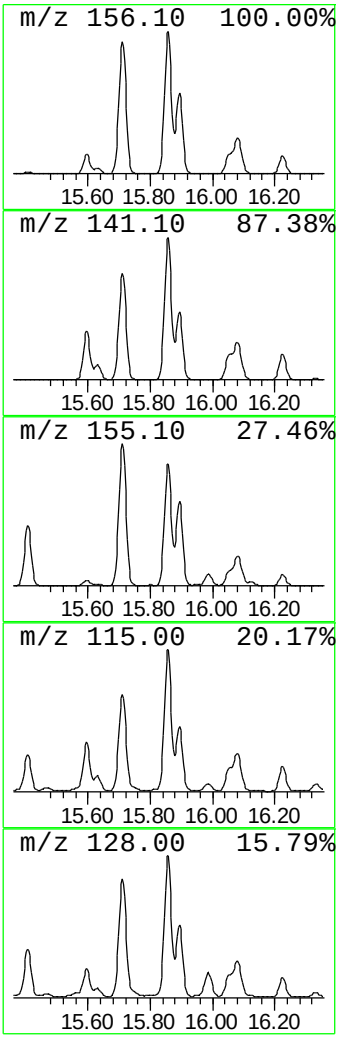
Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	281.27 ug/L	7440890	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, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

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Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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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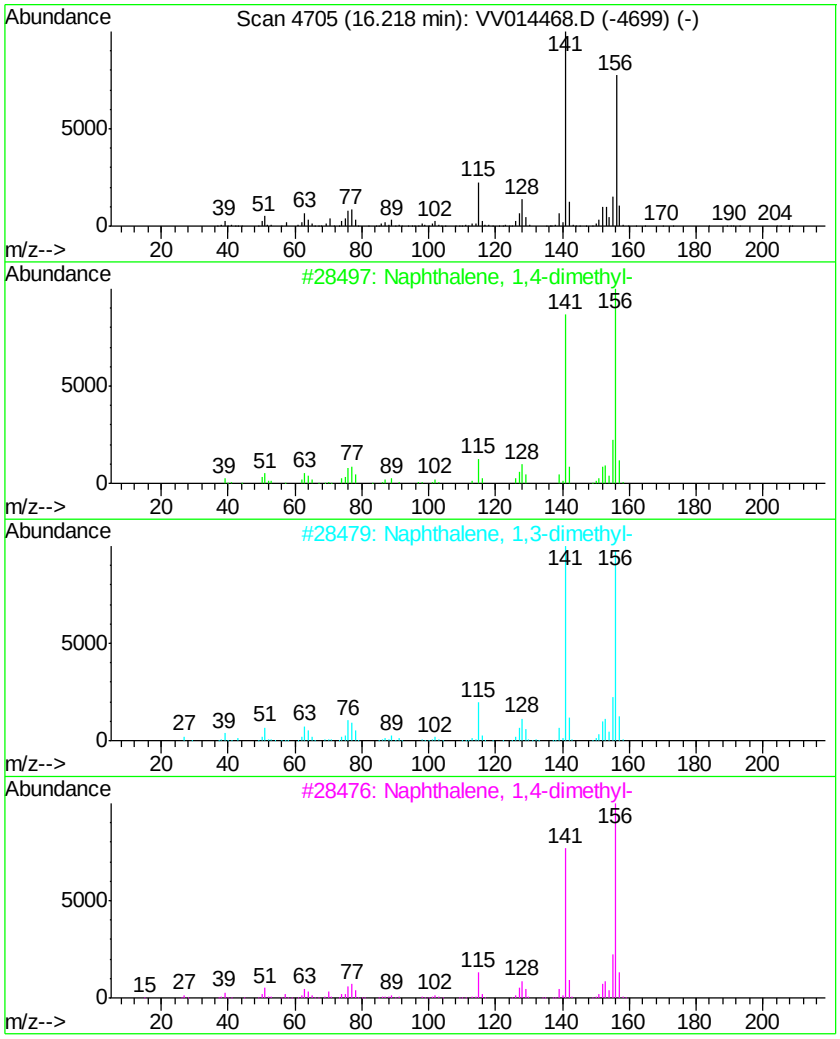
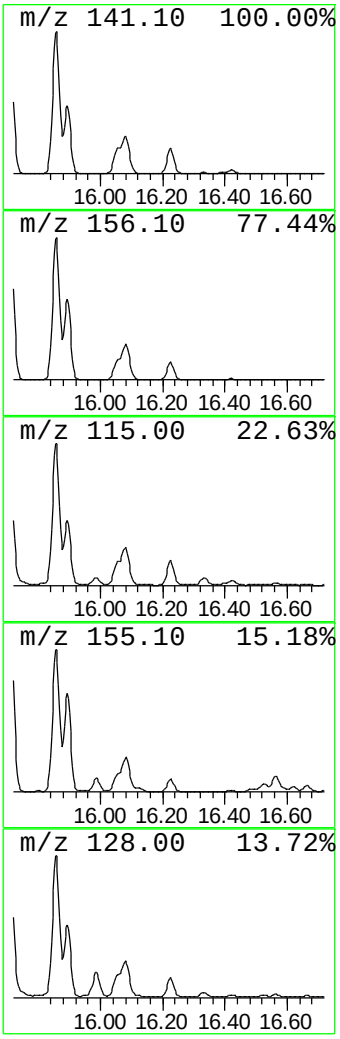
Peak Number 22 Naphthalene, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	37.69 ug/L	997009	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

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Data File : VV014468.D
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Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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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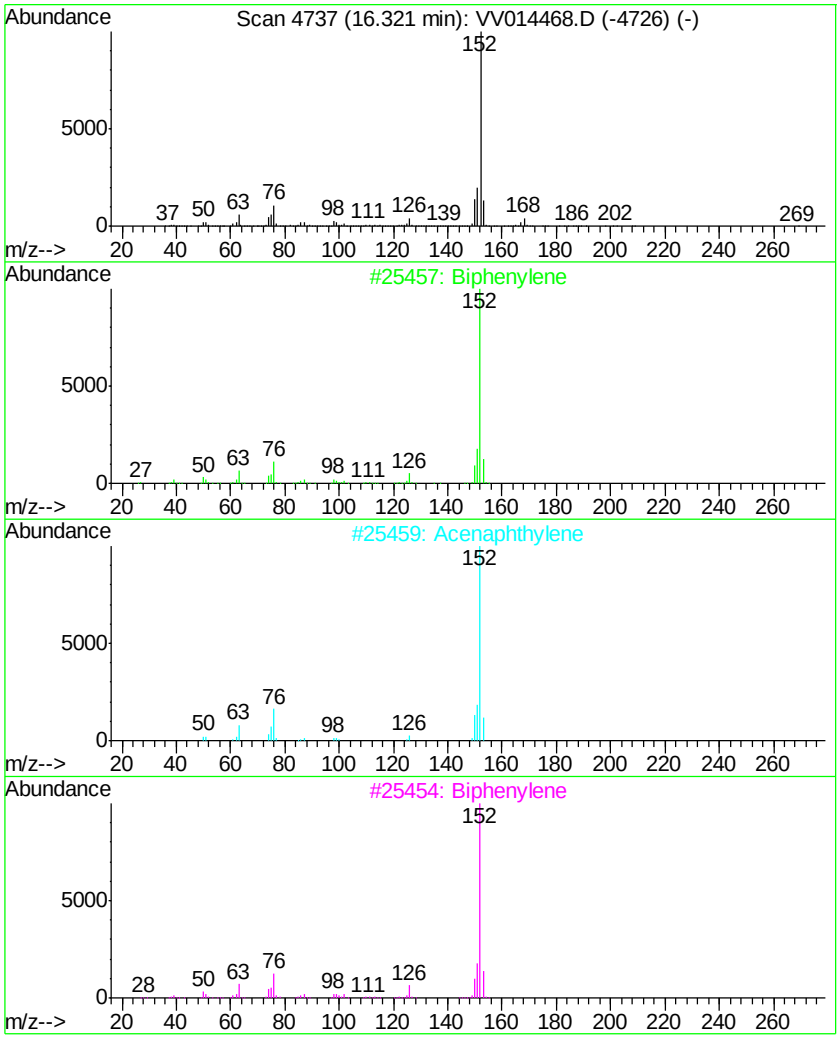
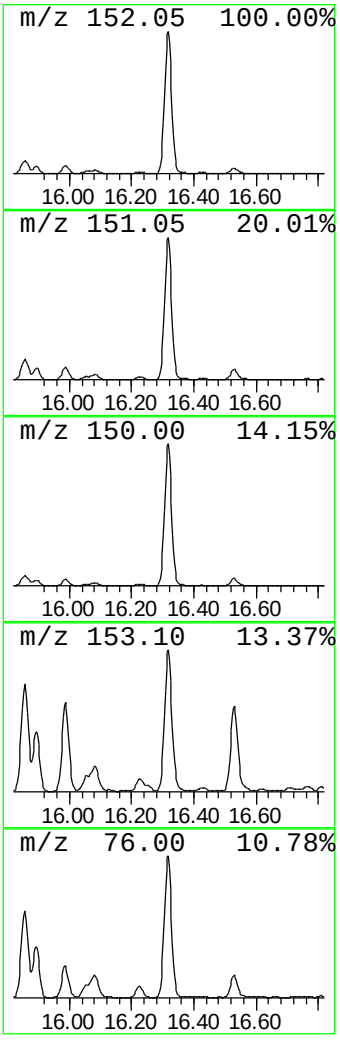
Peak Number 23 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	213.56 ug/L	5649560	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	97
2	Acenaphthylene	152	C12H8	000208-96-8	90
3	Biphenylene	152	C12H8	000259-79-0	90
4	Acenaphthylene	152	C12H8	000208-96-8	87
5	Acenaphthylene	152	C12H8	000208-96-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014468.D
Acq On : 31 Jan 2020 22:34
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

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, propyl-	10.40	4.6	ug/L	121856	3	11.29	1322730	50.0
Benzene, 1-ethyl-...	10.49	37.6	ug/L	995090	3	11.29	1322730	50.0
Mesitylene	10.96	110.6	ug/L	2926750	3	11.29	1322730	50.0
Benzene, 1-etheny...	11.03	128.1	ug/L	3387670	3	11.29	1322730	50.0
Benzene, 1,2,3-tr...	11.38	40.7	ug/L	1076090	3	11.29	1322730	50.0
Benzene, 1-propenyl-	11.44	33.5	ug/L	886055	3	11.29	1322730	50.0
Benzene, 1-etheny...	11.57	28.3	ug/L	749412	3	11.29	1322730	50.0
Indene	11.79	477.6	ug/L	12636200	3	11.29	1322730	50.0
Benzene, 1-ethyl-...	12.51	45.4	ug/L	1199700	3	11.29	1322730	50.0
Benzene, (1-methy...	12.99	136.6	ug/L	3614510	3	11.29	1322730	50.0
2-Methylindene	13.10	168.6	ug/L	4460060	3	11.29	1322730	50.0
Naphthalene, 1-me...	14.68	1446.8	ug/L	38273400	3	11.29	1322730	50.0
Naphthalene, 2,6-...	15.71	266.8	ug/L	7057770	3	11.29	1322730	50.0
Naphthalene, 2,3-...	15.86	281.3	ug/L	7440890	3	11.29	1322730	50.0
Naphthalene, 1,4-...	16.22	37.7	ug/L	997009	3	11.29	1322730	50.0
Biphenylene	16.32	213.6	ug/L	5649560	3	11.29	1322730	50.0