LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

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_U\METHOD\SOMULM012920WMA.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	1.491	43	47	55	rVB	10904	11217	0.02%	0.011%
2	1.610	76	84	97	rBV	127824	138598	0.23%	0.139%
3	1.887	165	170	181	rVB	38937	40423	0.07%	0.041%
4	2.208	268	270	273	rBV2	559	241	0.00%	0.000%
5	2.273	287	290	292	rBV3	677	423	0.00%	0.000%
6	2.478	351	354	360	rVB2	352	315	0.00%	0.000%
7	2.565	368	381	393	rBV	201327	322606	0.54%	0.324%
8	2.790	448	451	453	rVV2	396	217	0.00%	0.000%
9	2.871	467	476	488	rBV3	1442	2867	0.00%	0.003%
10	2.941	494	498	501	rBV	197	169	0.00%	0.000%
11	2.990	503	513	525	rVB3	1407	2605	0.00%	0.003%
12	3.067	529	537	546	rBV3	2297	3750	0.01%	0.004%
13	3.138	555	559	563	rBV2	182	173	0.00%	0.000%
14	3.218	570	584	601	rBV2	8531	19292	0.03%	0.019%
15	3.292	605	607	612	rVV2	500	369	0.00%	0.000%
16	3.655	717	720	723	rBV	243	219	0.00%	0.000%
17	3.716	734	739	740	rBV2	608	467	0.00%	0.000%
18	4.195	885	888	890	rVB	263	167	0.00%	0.000%
19	4.224	891	897	902	rBV	210	326	0.00%	0.000%
20	4.687	1024	1041	1082	rVB	72486	227345	0.38%	0.228%
21	5.105	1153	1171	1190	rVV	164649	364547	0.61%	0.366%
22	5.234	1203	1211	1223	rVB4	854	1990	0.00%	0.002%
23	5.330	1236	1241	1246	rVB3	388	493	0.00%	0.000%
24	5.472	1280	1285	1287	rBV	136	167	0.00%	0.000%
25	5.758	1353	1374	1399	rBV2	394934	984593	1.64%	0.990%
26	5.954	1432	1435	1438	rBV2	268	210	0.00%	0.000%
27	5.986	1442	1445	1449	rVB	186	179	0.00%	0.000%
28	6.153	1491	1497	1501	rBV	183	270	0.00%	0.000%
29	6.285	1522	1538	1564	rBV	353868	678788	1.13%	0.682%
30	6.559	1616	1623	1630	rBV2	1712	2584	0.00%	0.003%
31	6.726	1660	1675	1696	rBV	222018	436044	0.73%	0.438%
32	6.835	1705	1709	1710	rBV	301	215	0.00%	0.000%
33	6.954	1739	1746	1752	rBV	131	210	0.00%	0.000%
34	7.221	1820	1829	1839	rVB5	3121	5778	0.01%	0.006%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

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_U\METHOD\SOMULM012920WMA.M
Title : VOC Analysis

35	7.301	1850	1854	1858	rVB2	180	171	0.00%	0.000%
36	7.597	1932	1946	1964	rBV	128892	235527	0.39%	0.237%
37	7.719	1977	1984	1985	rBV3	877	959	0.00%	0.001%
38	7.825	2006	2017	2026	rVV5	2029	3882	0.01%	0.004%
39	7.928	2035	2049	2064	rBV	497986	873912	1.46%	0.878%
40	7.999	2065	2071	2081	rVB	4504	7182	0.01%	0.007%
41	8.141	2111	2115	2118	rBV3	367	343	0.00%	0.000%
42	8.211	2124	2137	2153	rBV	88950	162273	0.27%	0.163%
43	8.282	2157	2159	2163	rVB2	283	177	0.00%	0.000%
44	8.301	2163	2165	2169	rBV2	289	197	0.00%	0.000%
45	8.356	2176	2182	2185	rBV2	215	238	0.00%	0.000%
46	8.404	2191	2197	2199	rBV2	194	184	0.00%	0.000%
47	8.497	2224	2226	2228	rBV2	325	172	0.00%	0.000%
48	8.555	2241	2244	2248	rBV2	203	196	0.00%	0.000%
49	8.678	2268	2282	2308	rBV	341706	622688	1.04%	0.626%
50	9.176	2431	2437	2442	rBV2	476	627	0.00%	0.001%
51	9.346	2487	2490	2493	rVB	265	169	0.00%	0.000%
52	9.446	2507	2521	2543	rVV	490643	854336	1.42%	0.859%
53	9.597	2561	2568	2575	rVB2	867	1334	0.00%	0.001%
54	9.719	2594	2606	2616	rBV2	3966	5762	0.01%	0.006%
55	9.793	2626	2629	2633	rBV2	239	167	0.00%	0.000%
56	10.140	2724	2737	2748	rVB5	9970	19183	0.03%	0.019%
57	10.349	2797	2802	2807	rBV2	350	366	0.00%	0.000%
58	10.510	2848	2852	2858	rVB2	280	276	0.00%	0.000%
59	10.552	2861	2865	2870	rBV	560	422	0.00%	0.000%
60	10.726	2911	2919	2922	rBV5	927	1173	0.00%	0.001%
61	10.784	2925	2937	2953	rVV	375813	600746	1.00%	0.604%
62	11.491	3149	3157	3165	rBV3	2638	4936	0.01%	0.005%
63	11.558	3171	3178	3187	rBV2	8428	12083	0.02%	0.012%
64	11.607	3189	3193	3201	rVB6	1887	2494	0.00%	0.003%
65	11.835	3251	3264	3279	rVB	618491	964757	1.61%	0.970%
66	12.214	3371	3382	3404	rVB	580522	950100	1.58%	0.955%
67	12.333	3413	3419	3431	rVB2	9073	13668	0.02%	0.014%
68	12.484	3458	3466	3469	rBV2	10131	13757	0.02%	0.014%
69	12.562	3482	3490	3493	rBV2	16093	22515	0.04%	0.023%
70	12.645	3508	3516	3528	rVB2	29240	52038	0.09%	0.052%
71	12.764	3544	3553	3564	rVB	291977	439711	0.73%	0.442%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

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_U\METHOD\SOMULM012920WMA.M
Title : VOC Analysis

72	12.825	3564	3572	3585	rVV	59245	88792	0.15%	0.089%
73	12.896	3588	3594	3604	rVB2	27178	40960	0.07%	0.041%
74	12.992	3614	3624	3631	rBV	181412	270548	0.45%	0.272%
75	13.044	3631	3640	3652	rVB	423735	647700	1.08%	0.651%
76	13.108	3652	3660	3668	rBV2	75708	123741	0.21%	0.124%
77	13.166	3669	3678	3690	rBV3	300078	559267	0.93%	0.562%
78	13.308	3715	3722	3734	rVB3	91047	153352	0.26%	0.154%
79	13.372	3735	3742	3747	rBV3	56029	80986	0.14%	0.081%
80	13.465	3760	3771	3798	rVB3	1056309	2072664	3.46%	2.083%
81	13.574	3800	3805	3810	rBV	62086	79638	0.13%	0.080%
82	13.645	3820	3827	3838	rVB	1199624	1992124	3.32%	2.002%
83	13.706	3839	3846	3853	rBV	262481	371086	0.62%	0.373%
84	13.851	3884	3891	3898	rBV5	320598	550559	0.92%	0.553%
85	14.690	4144	4152	4162	rVB5	630827	1108215	1.85%	1.114%
86	15.443	4370	4386	4403	rVB2	31484895	59965582	100.00%	60.270%
87	15.967	4540	4549	4558	rBV	1078360	1543046	2.57%	1.551%
88	16.160	4601	4609	4616	rBV	819839	1200730	2.00%	1.207%
89	16.275	4633	4645	4671	rVB	4317660	7428326	12.39%	7.466%
90	16.423	4680	4691	4698	rBV	2883016	4687579	7.82%	4.711%
91	16.459	4698	4702	4719	rVB	1401990	1987645	3.31%	1.998%
92	16.552	4723	4731	4742	rVB	165908	269239	0.45%	0.271%
93	16.648	4745	4761	4793	rVB2	744523	1810419	3.02%	1.820%
94	16.796	4798	4807	4825	rVB	336005	567590	0.95%	0.570%
95	16.893	4826	4837	4851	rBV2	752514	1203991	2.01%	1.210%
96	16.989	4860	4867	4878	rVB2	250029	397292	0.66%	0.399%
97	17.233	4937	4943	4952	rVB	64986	93531	0.16%	0.094%
98	17.388	4984	4991	5018	rVB2	244581	544658	0.91%	0.547%
99	17.549	5033	5041	5052	rVB	168633	284380	0.47%	0.286%
100	17.616	5053	5062	5072	rBV	150211	254407	0.42%	0.256%

Sum of corrected areas: 99494625

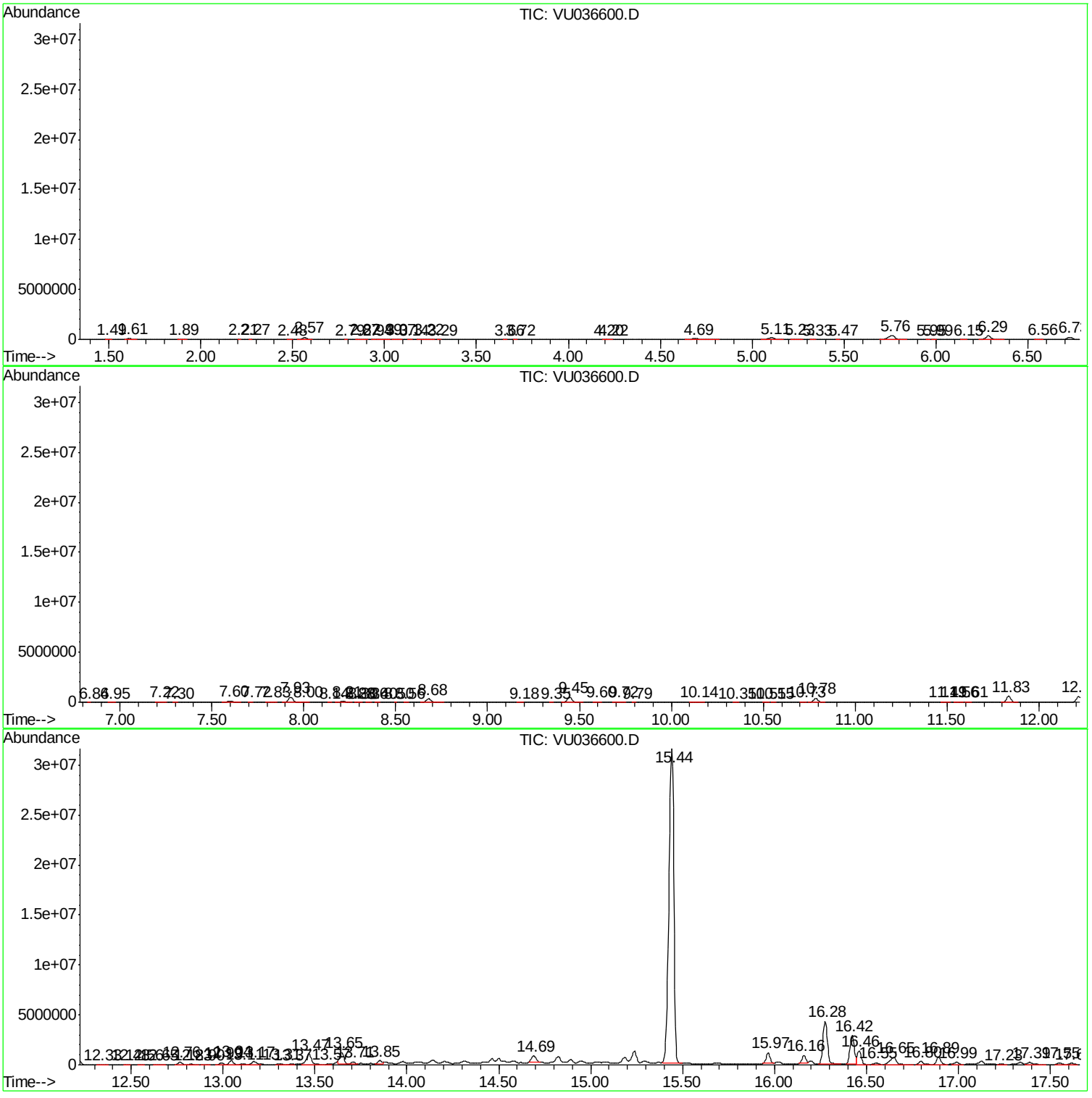
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.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_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

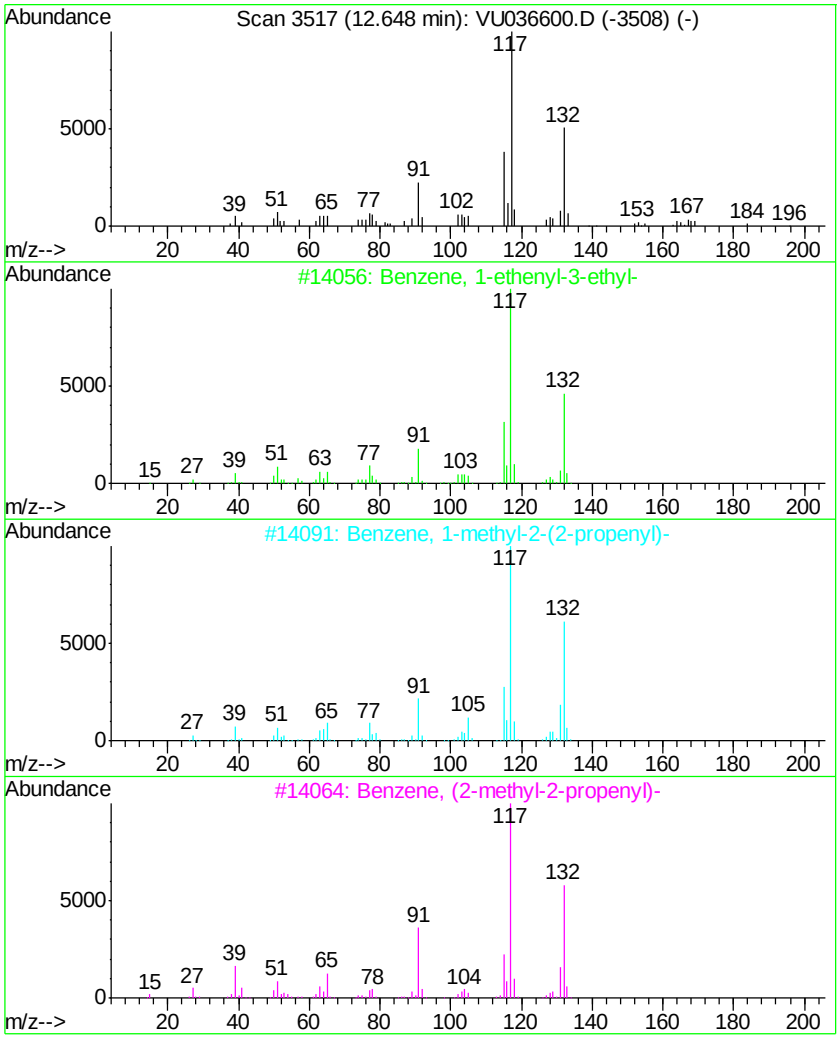
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

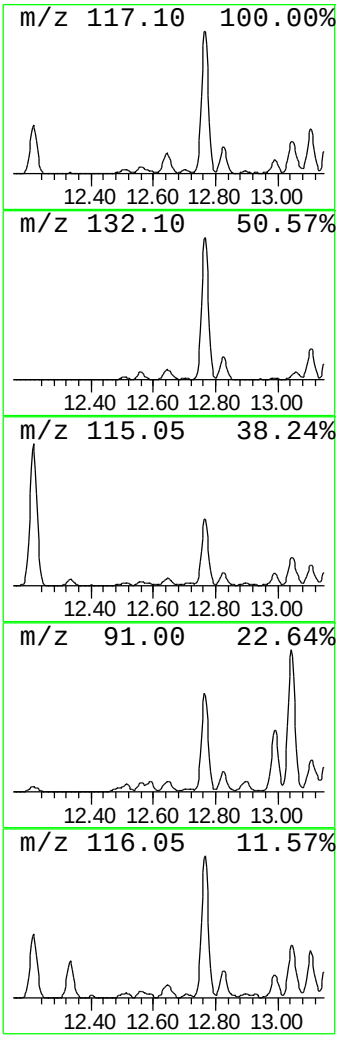
****

Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	2.70 ug/L	52038	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	96
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	91
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

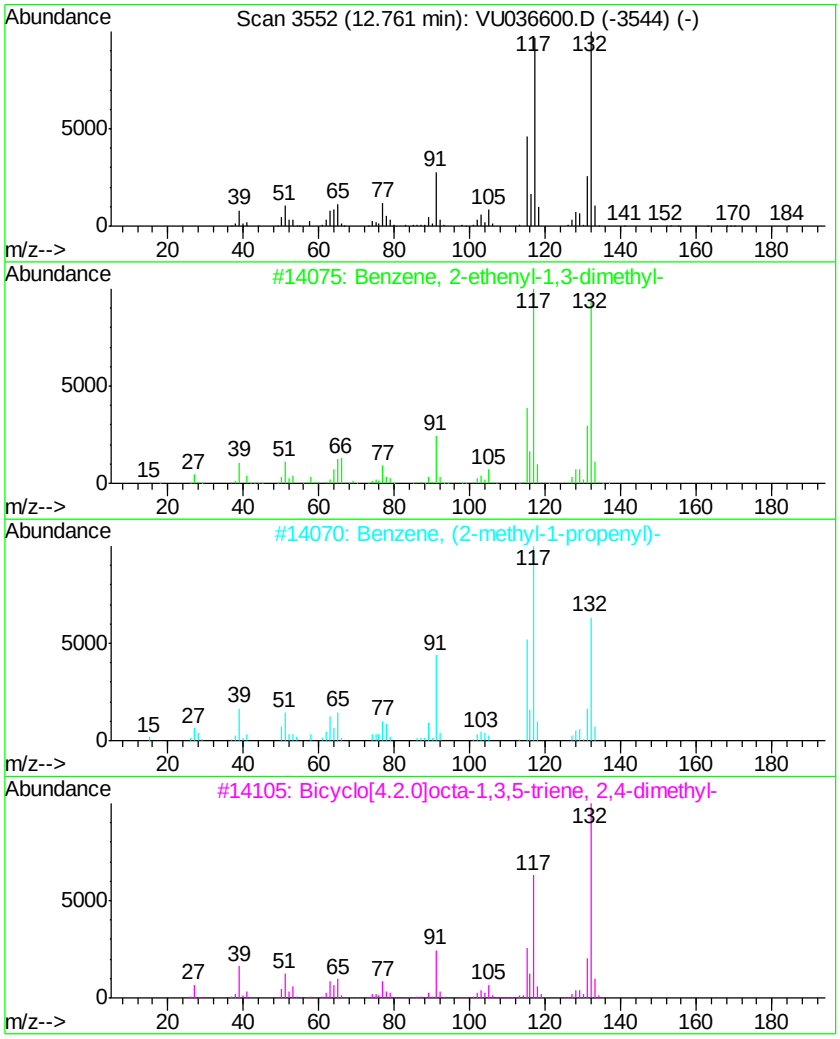
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

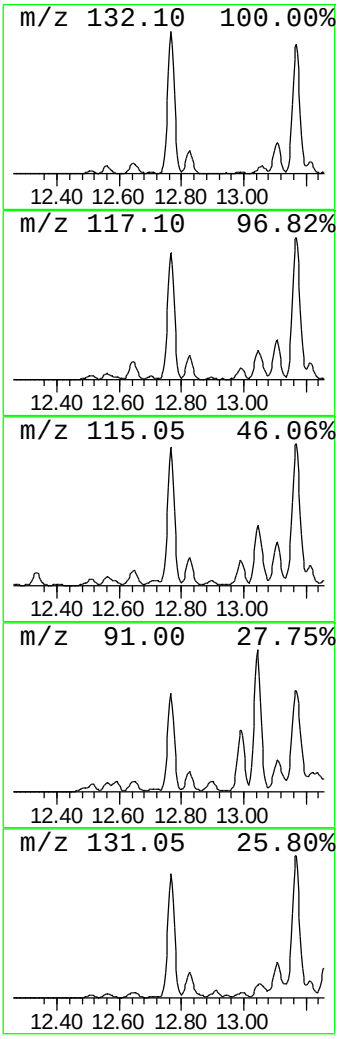
****

Peak Number 3 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	22.79 ug/L	439711	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	97
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	96
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

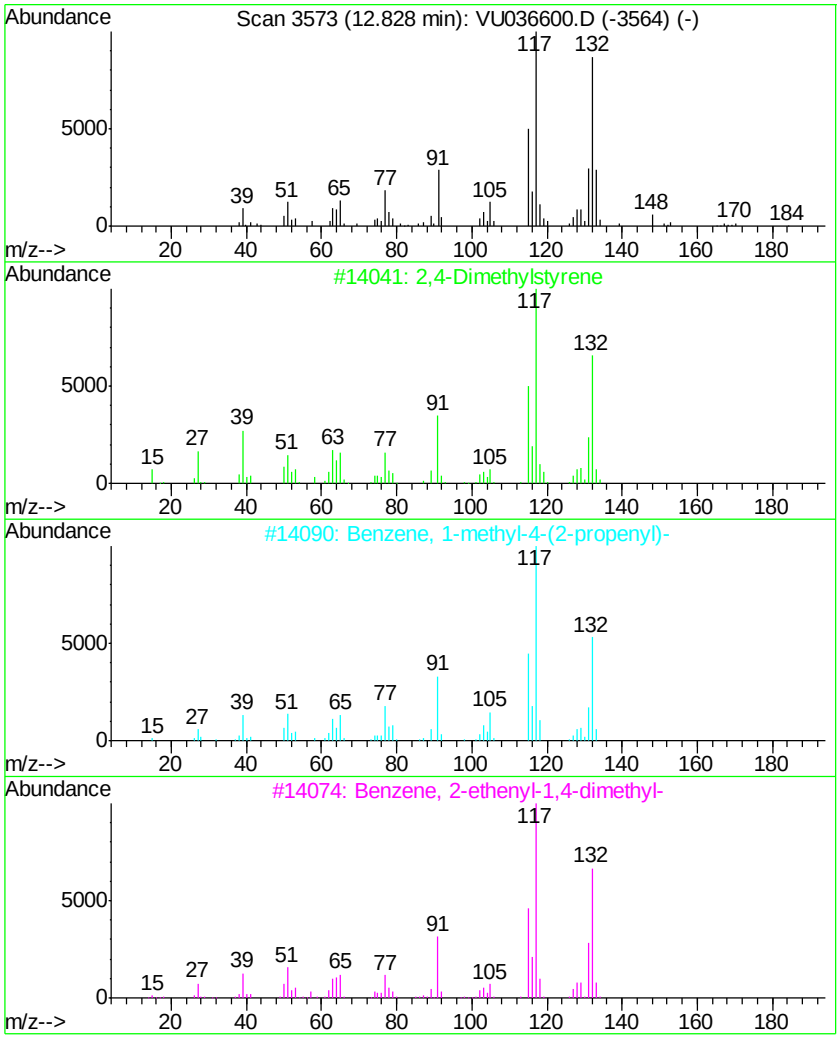
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

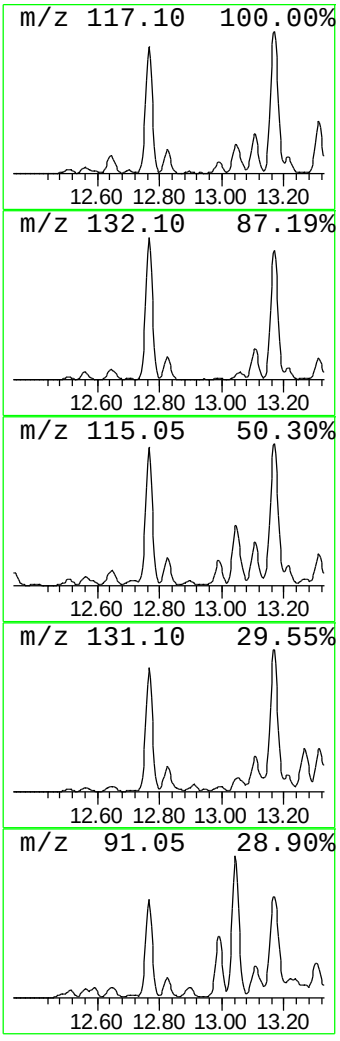
****

Peak Number 4 2,4-Dimethylstyrene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	4.60 ug/L	88792	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

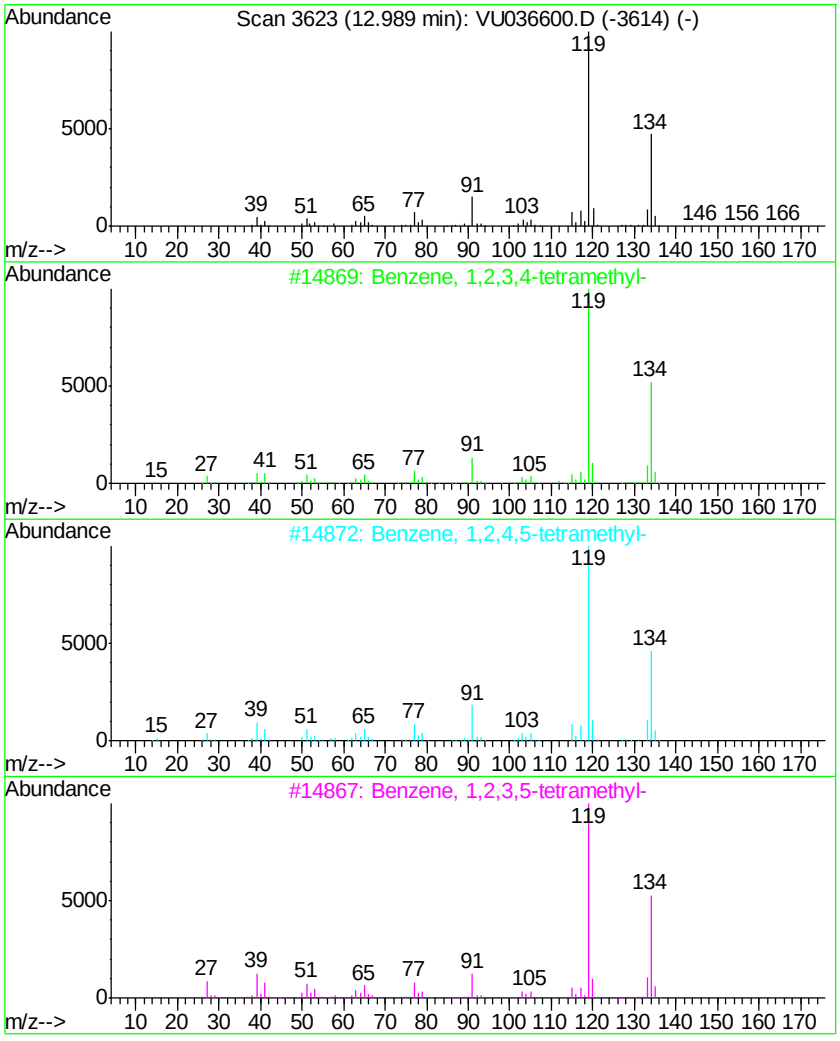
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

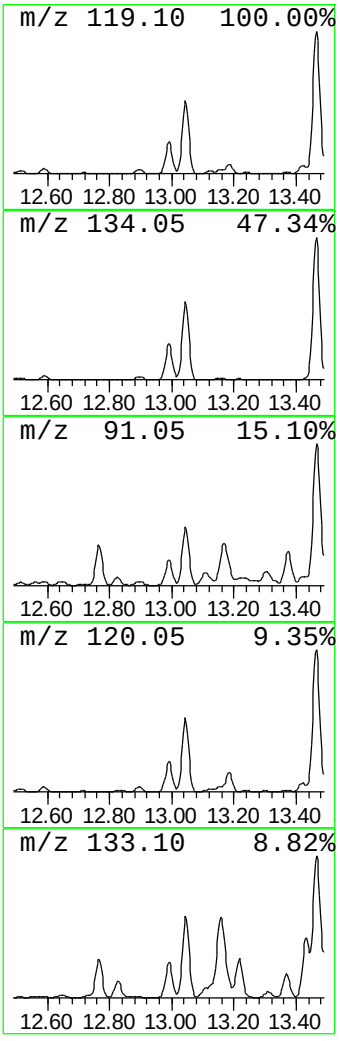
****

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	14.02 ug/L	270548	1,4-Dichlorobenzene-d4	11.83

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

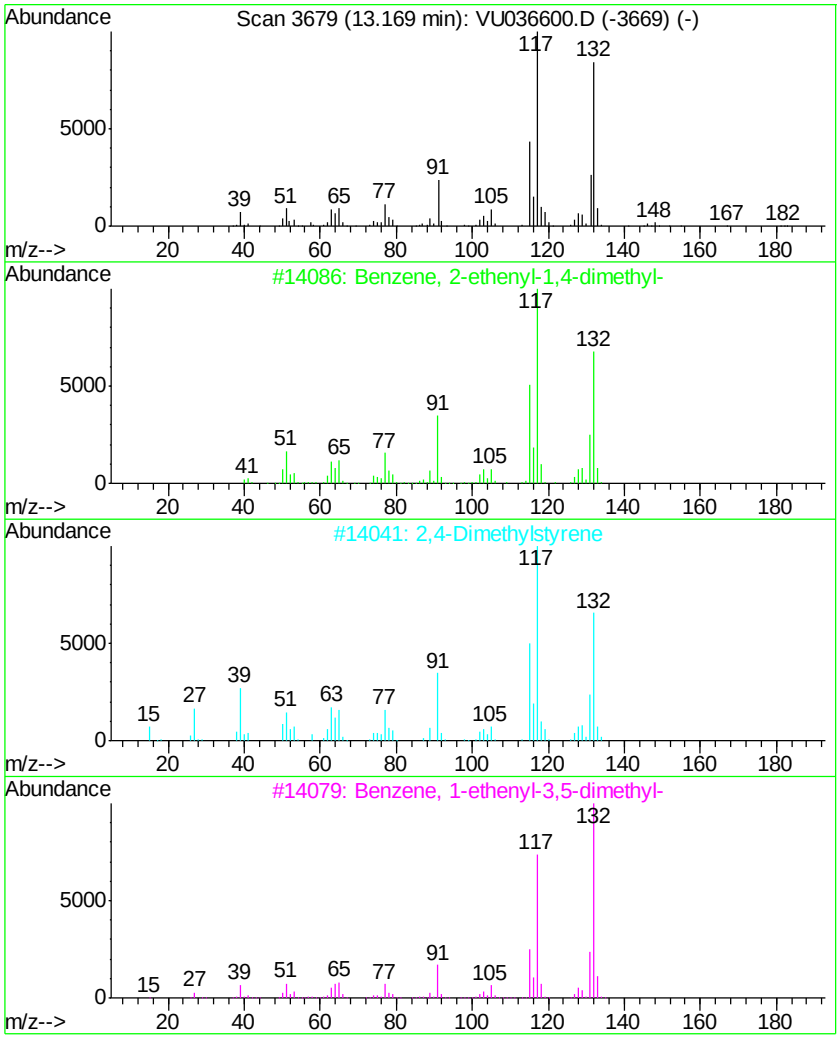
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

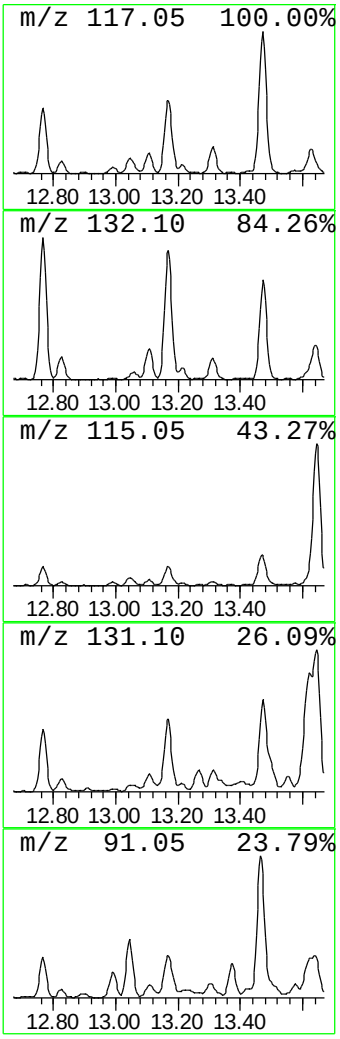
****

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	28.98 ug/L	559267	1,4-Dichlorobenzene-d4	11.83

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	96
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
4	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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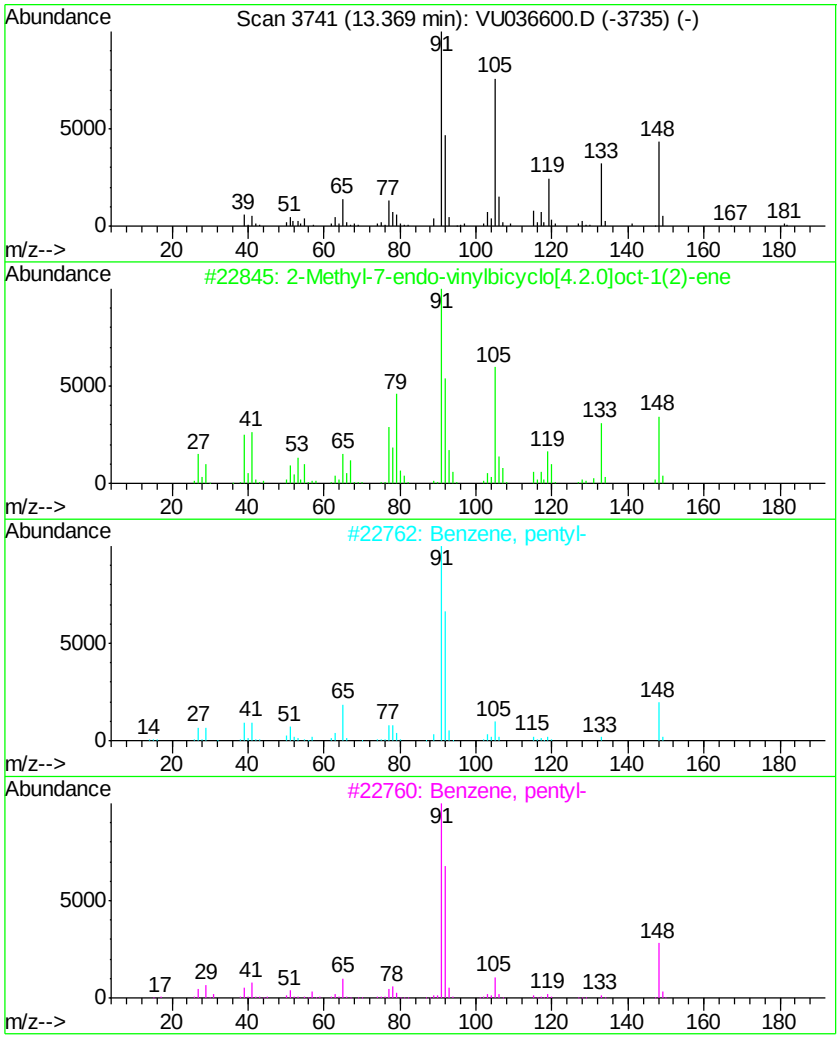
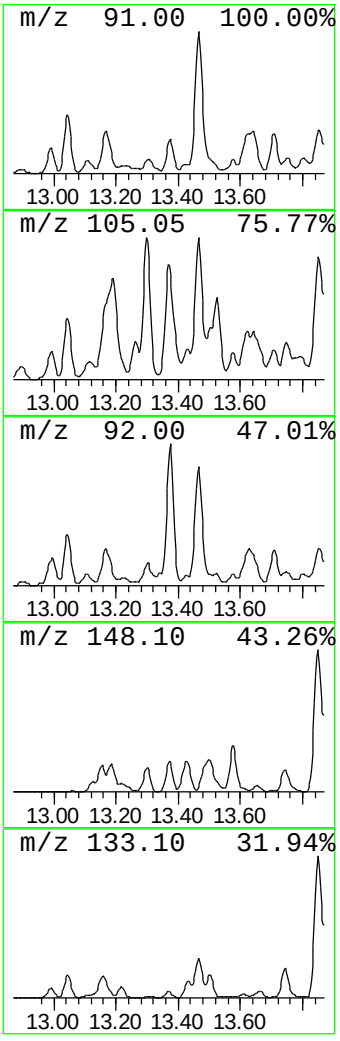
Peak Number 10 2-Methyl-7-endo-vinylbicycl... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	4.20 ug/L	80986	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-7-endo-vinylbicyclo[4.2...	148	C11H16	1000200-99-1	90
2	Benzene, pentyl-	148	C11H16	000538-68-1	58
3	Benzene, pentyl-	148	C11H16	000538-68-1	58
4	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	46
5	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	43





Library Search Compound Report

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Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

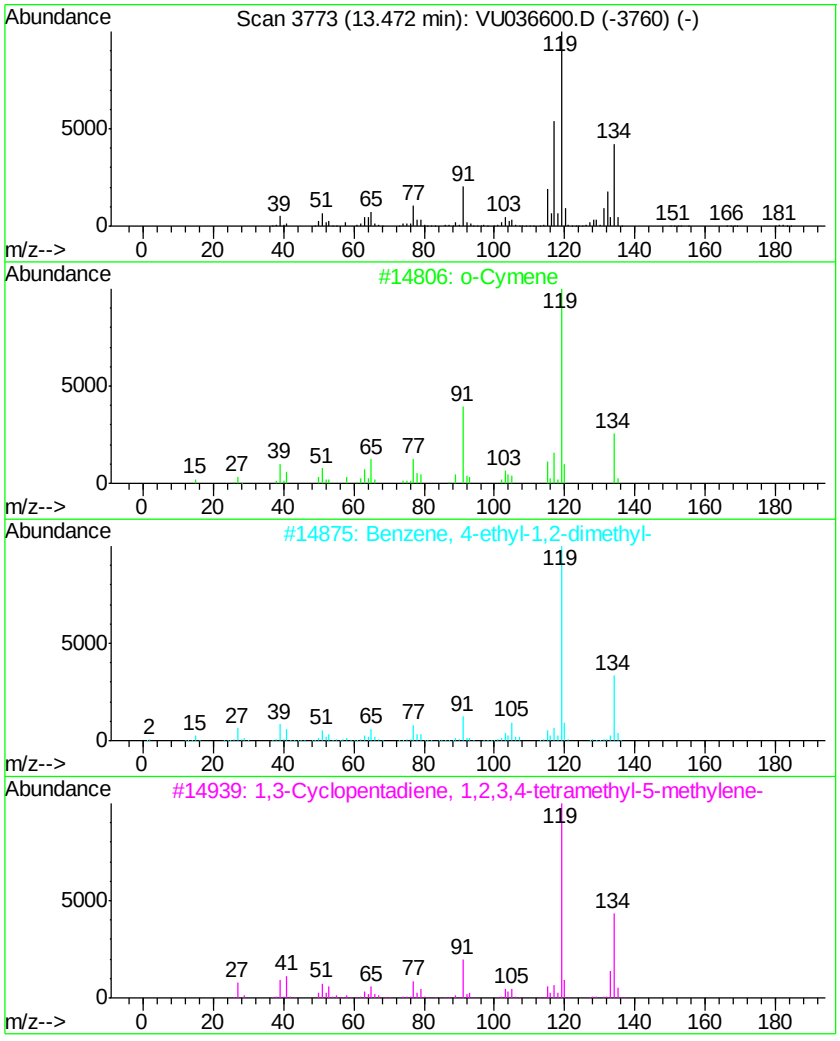
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

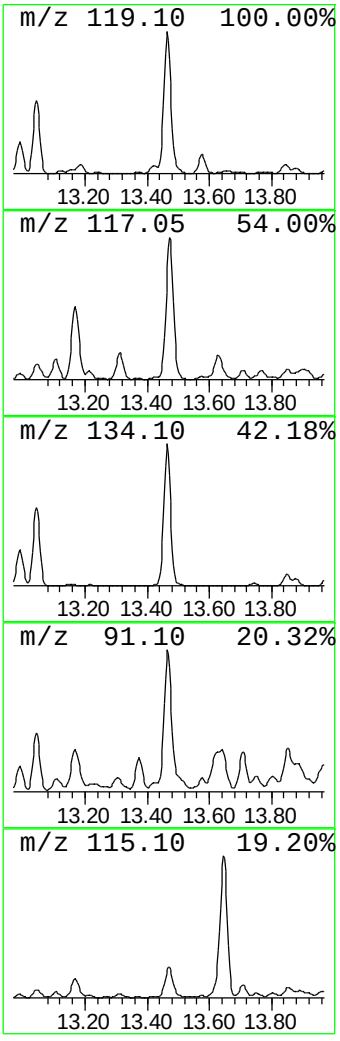
****

Peak Number 11 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	107.42 ug/L	2072660	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	81
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81





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Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

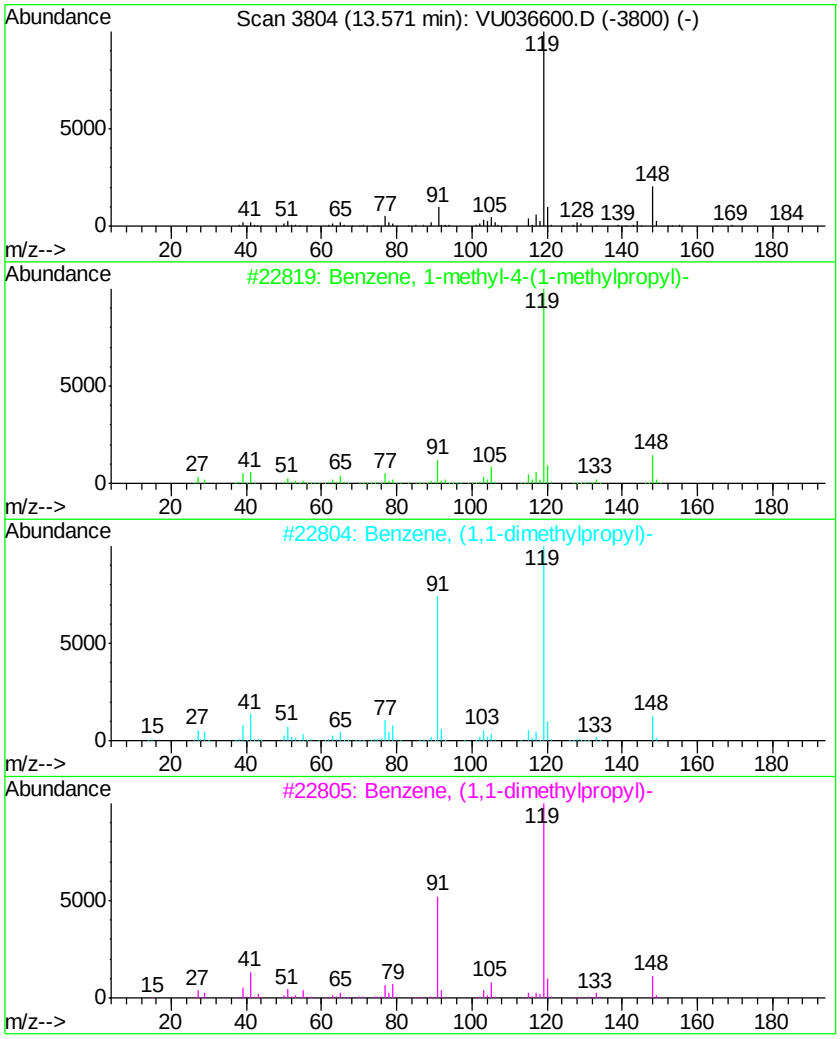
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

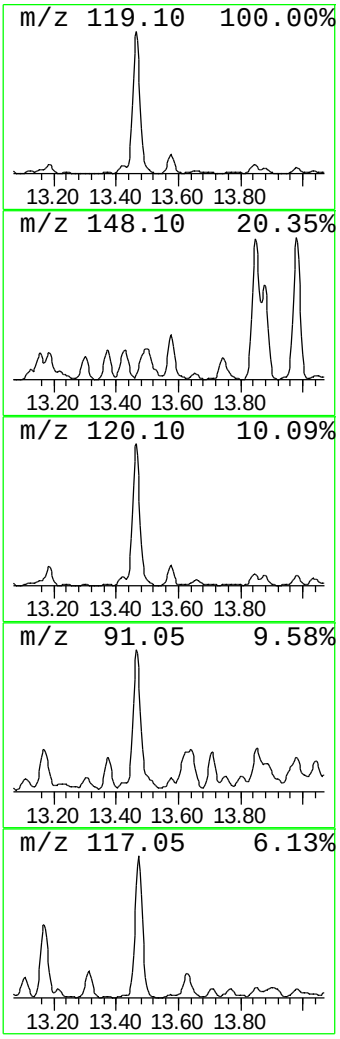
****

Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	4.13 ug/L	79638	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59





Library Search Compound Report

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Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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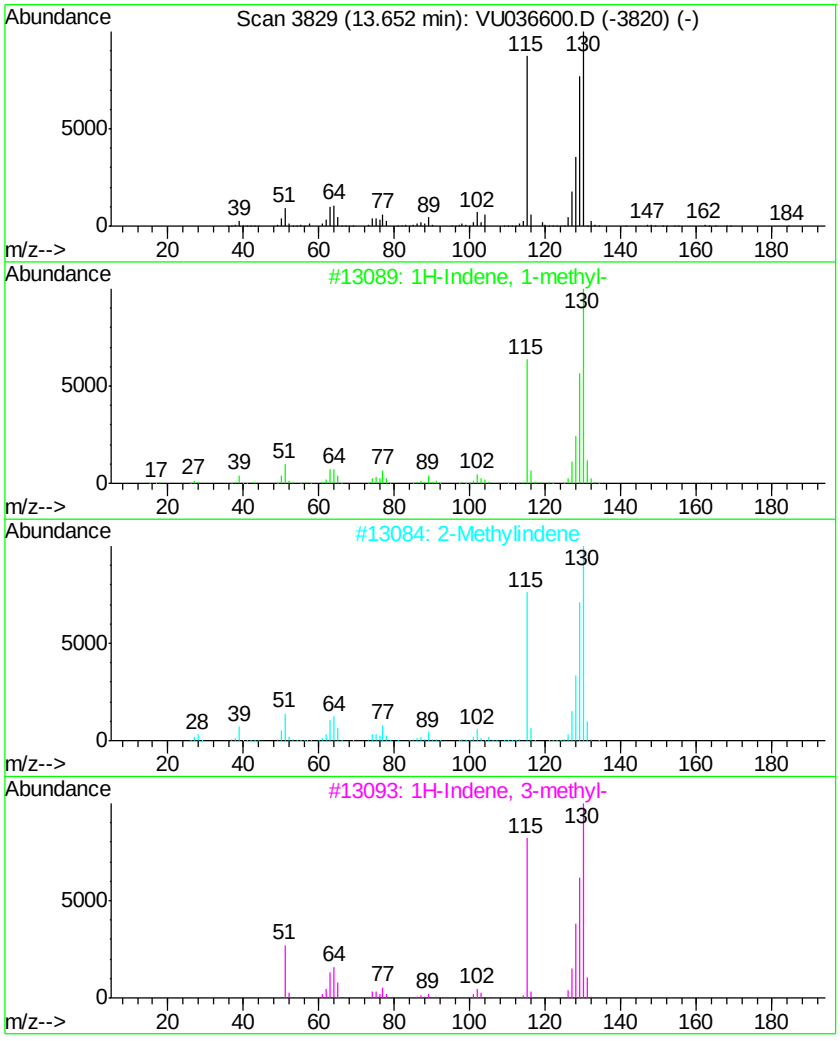
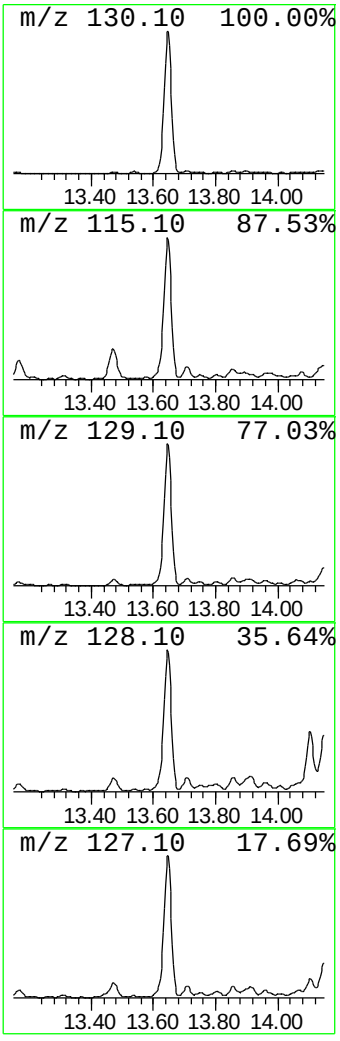
Peak Number 13 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	103.25 ug/L	1992120	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
2	2-Methylindene	130	C10H10	002177-47-1	91
3	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	87
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	87





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Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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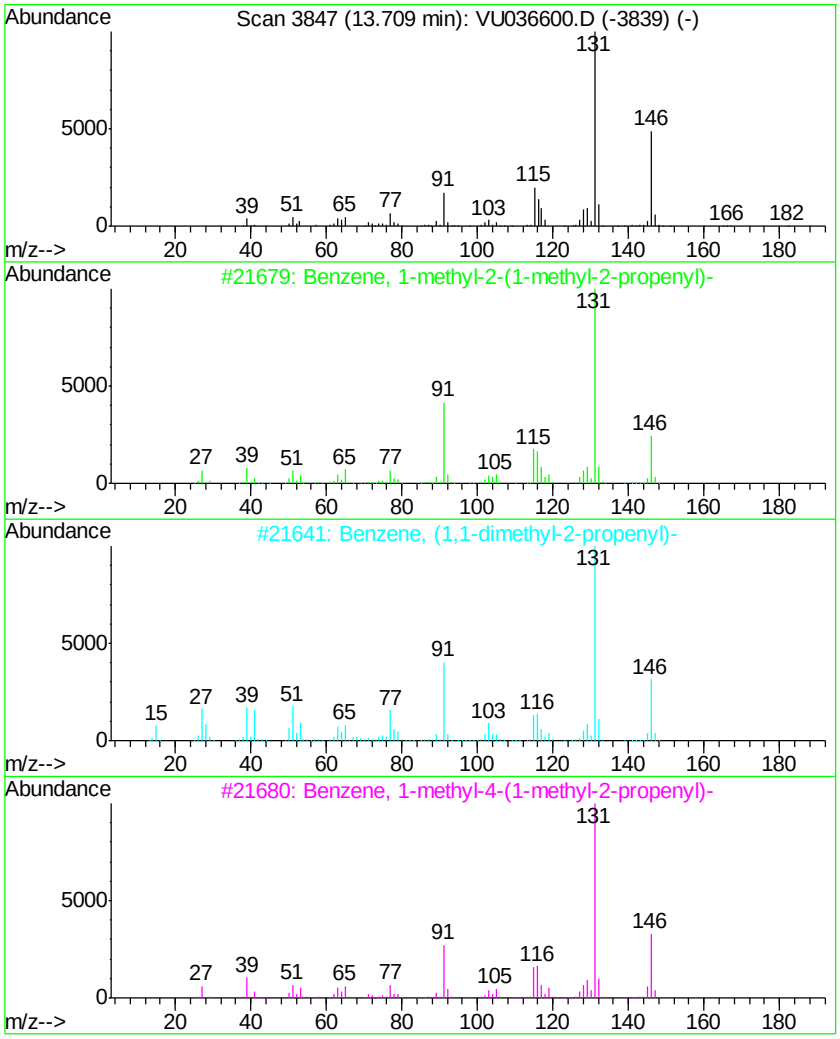
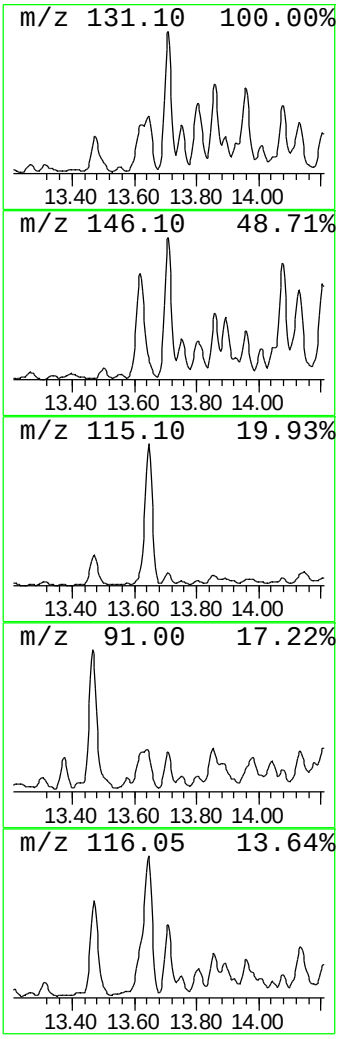
Peak Number 14 Benzene, 1-methyl-2-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	19.23 ug/L	371086	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91
2	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	91
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90





Library Search Compound Report

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Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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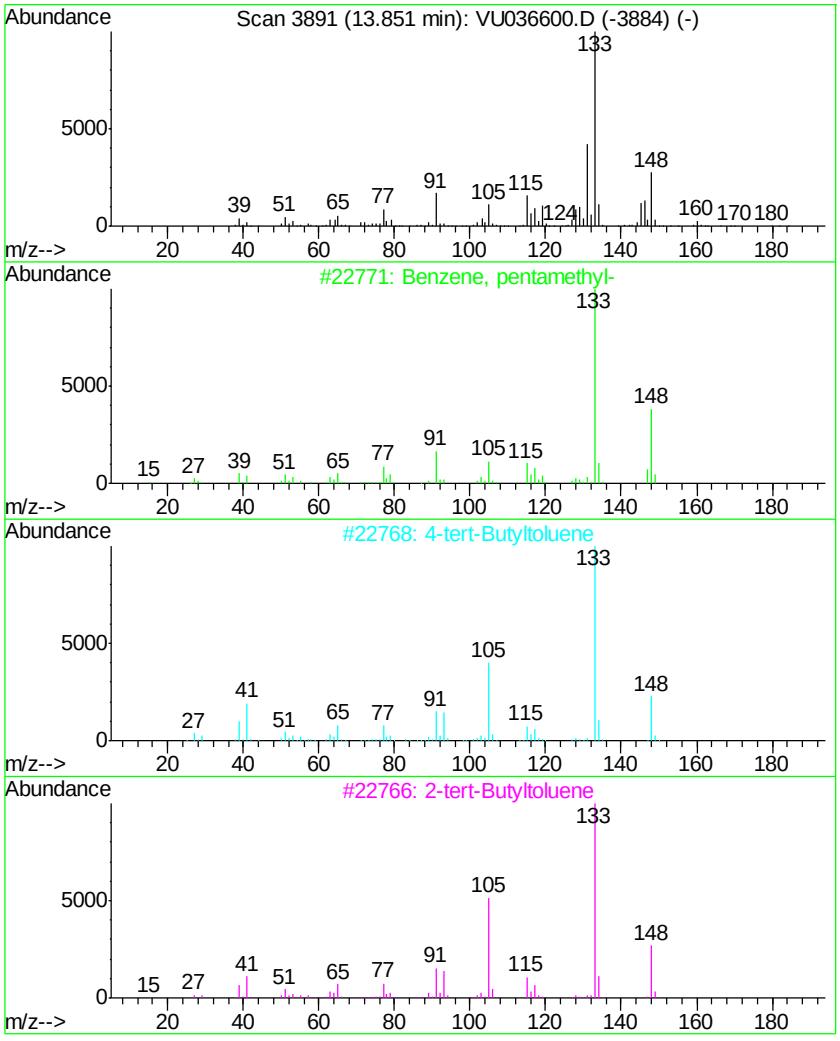
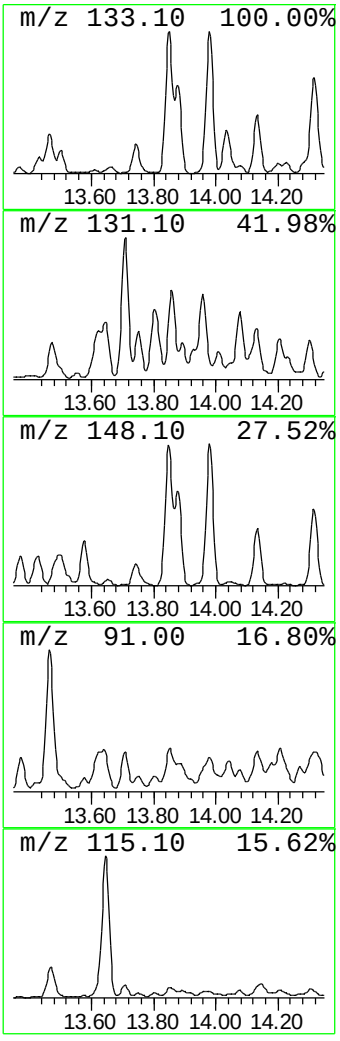
Peak Number 15 Benzene, pentamethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	28.53 ug/L	550559	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
2	4-tert-Butyltoluene	148	C11H16	000098-51-1	60
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	53
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	53
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49





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Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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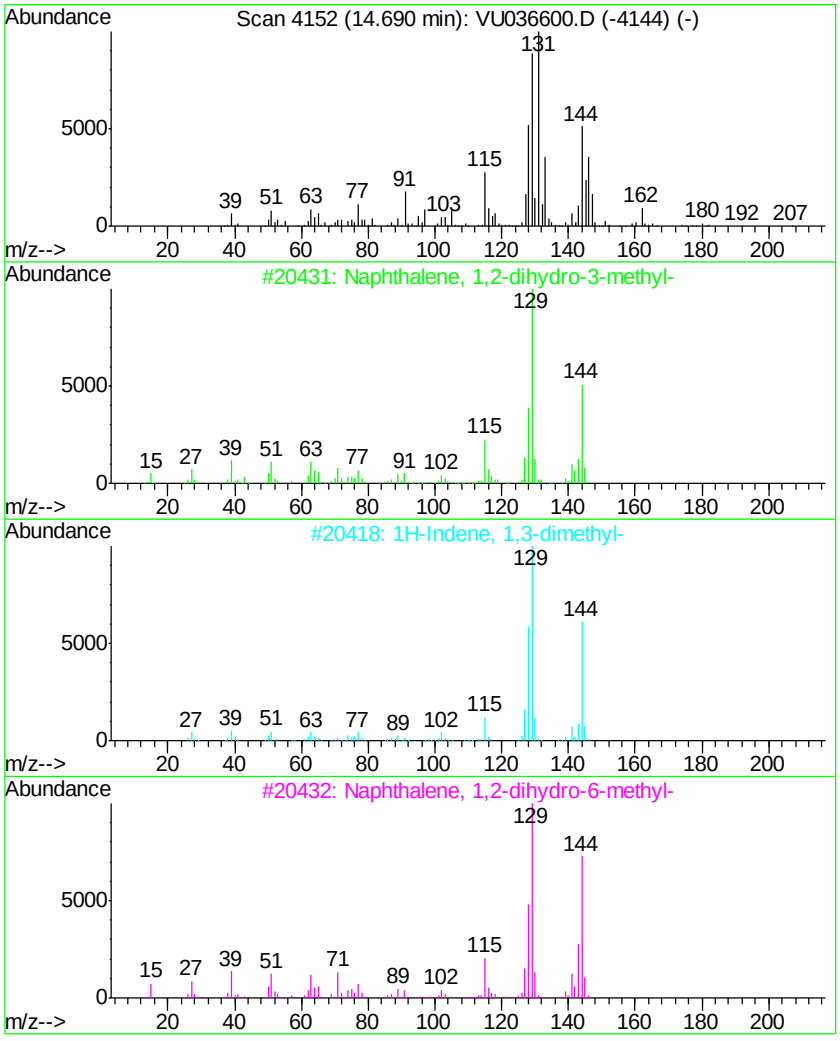
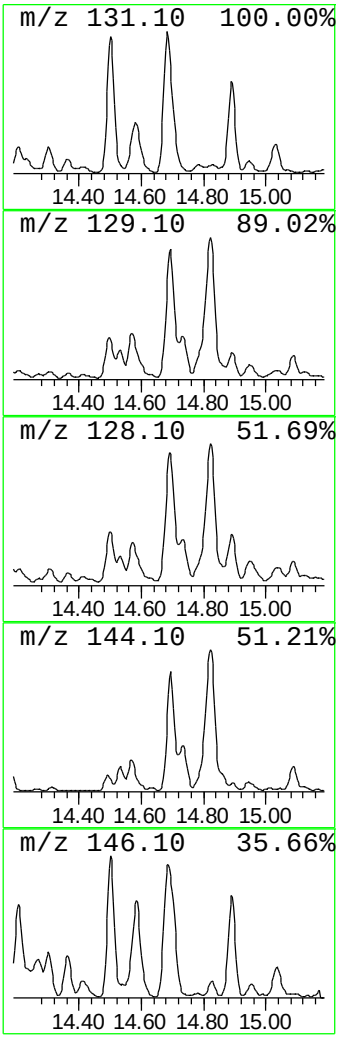
Peak Number 16 Naphthalene, 1,2-dihydro-3-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	57.43 ug/L	1108220	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	83
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	50
3	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	50
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	50
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	50





Library Search Compound Report

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Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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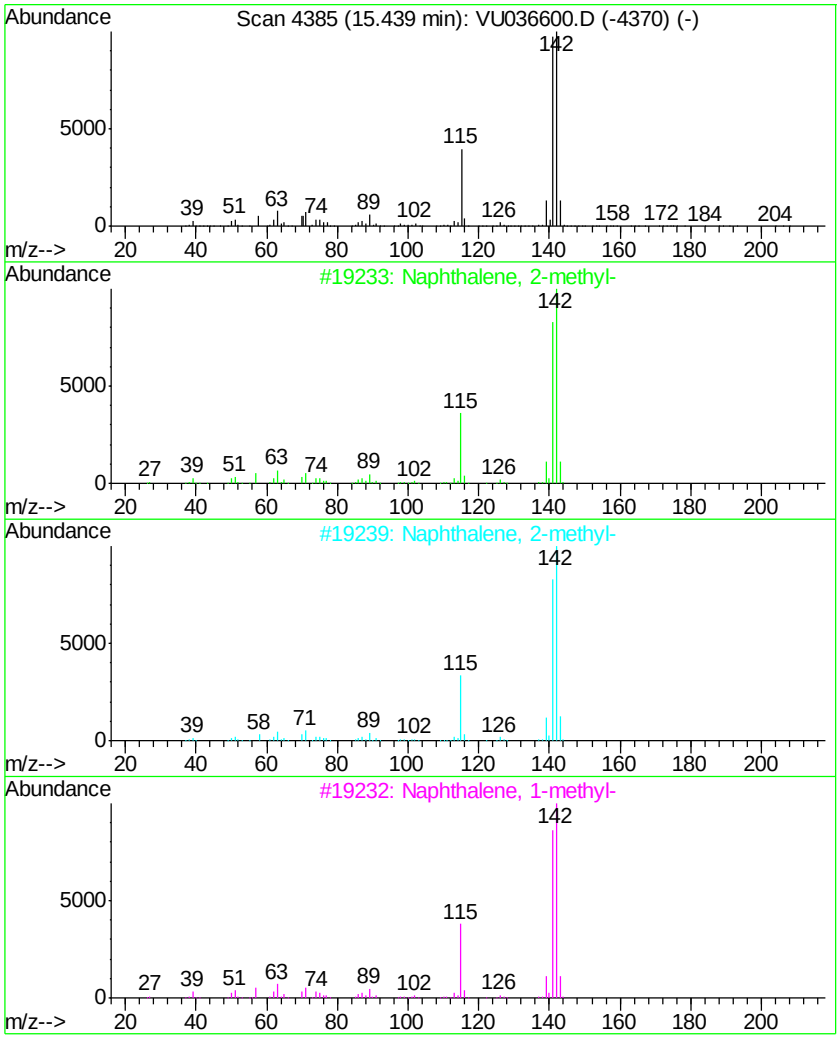
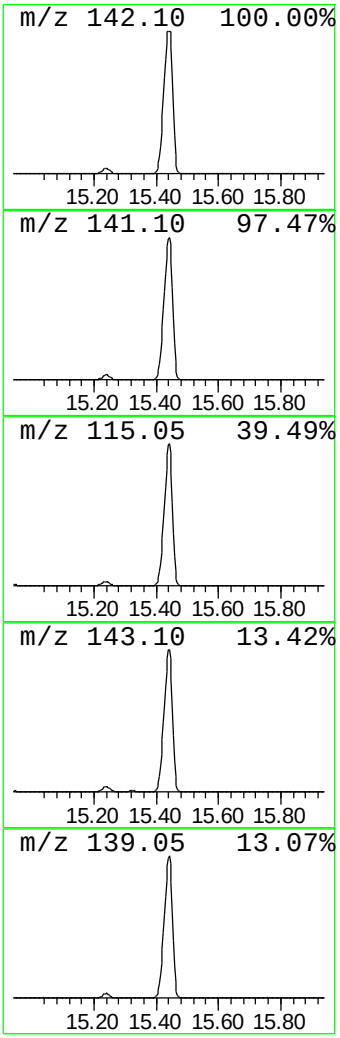
Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	3107.81 ug/L	59965600	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94





Library Search Compound Report

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Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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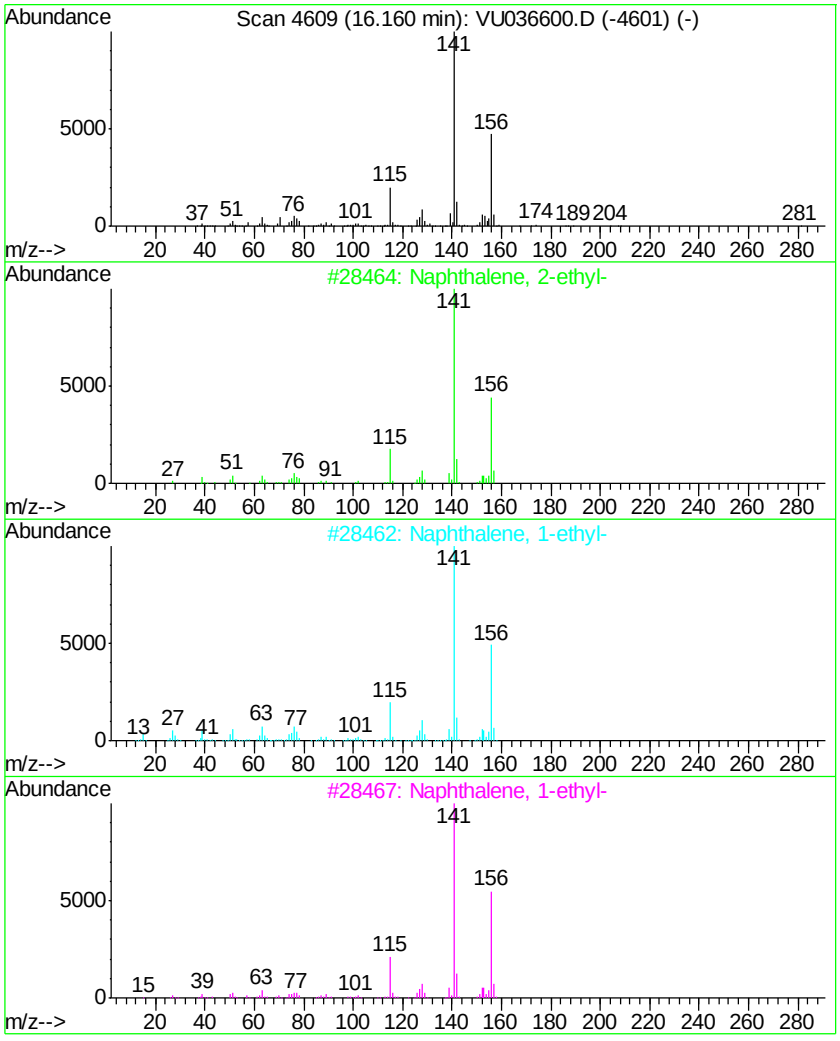
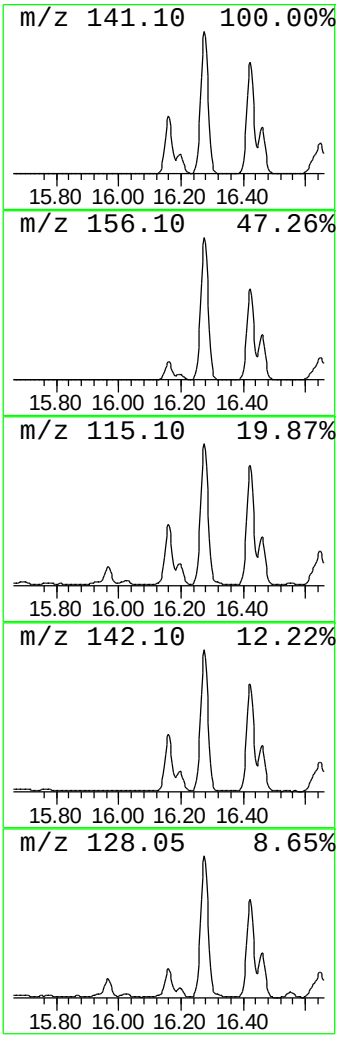
Peak Number 19 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	62.23 ug/L	1200730	1,4-Dichlorobenzene-d4	11.83

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





Library Search Compound Report

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Data File : VU036600.D
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Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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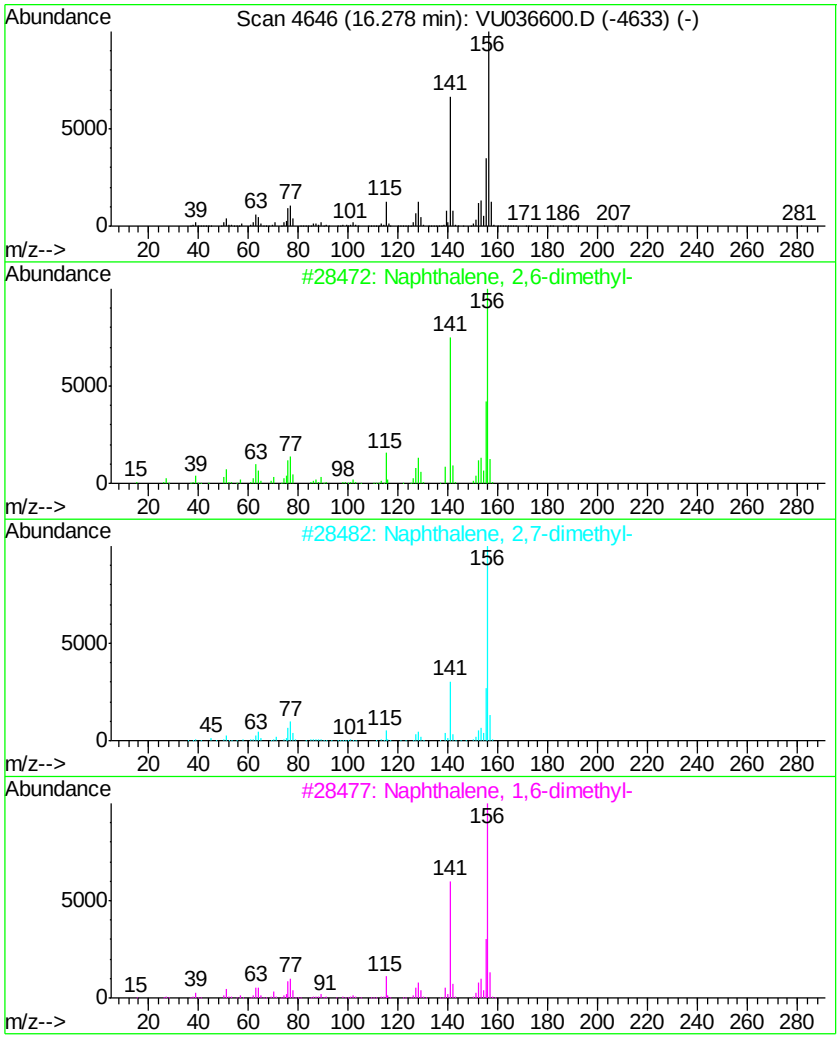
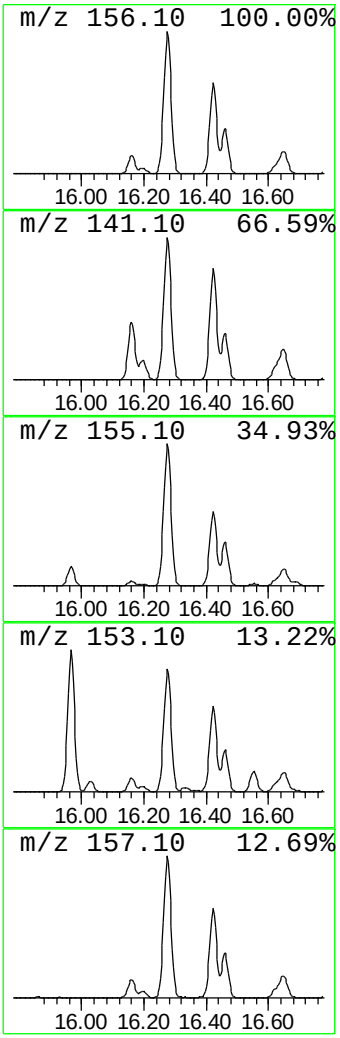
Peak Number 20 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	384.98 ug/L	7428330	1,4-Dichlorobenzene-d4	11.83

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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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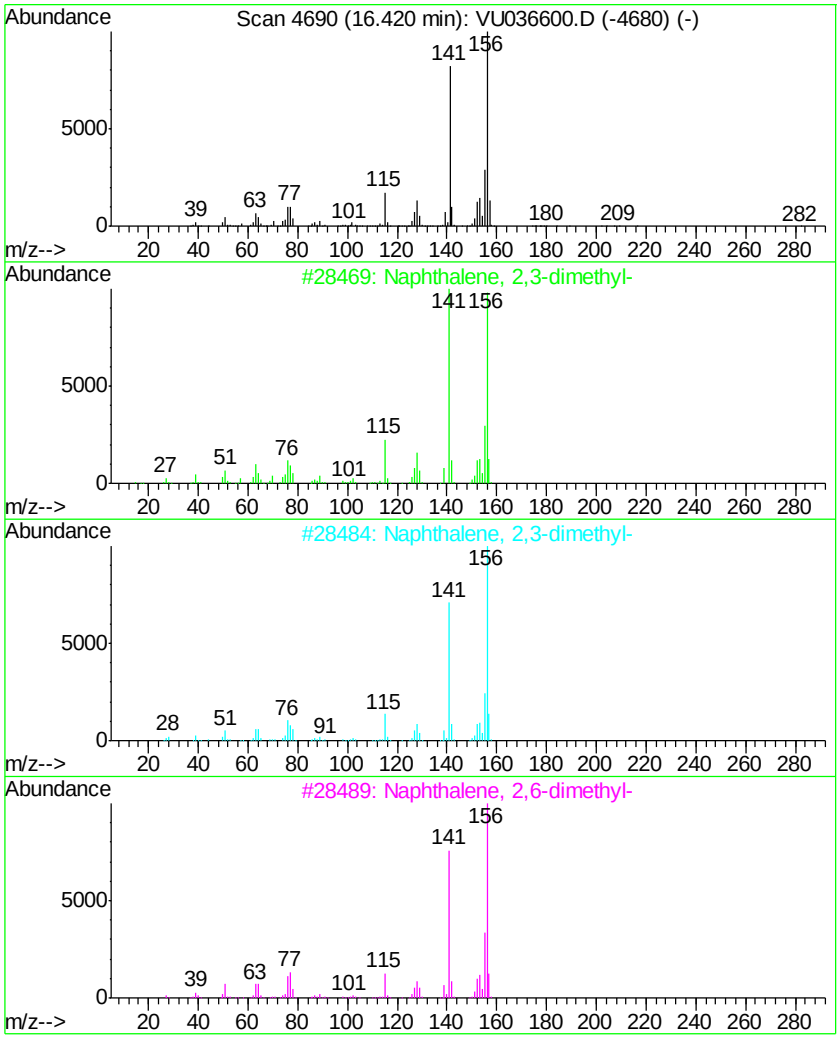
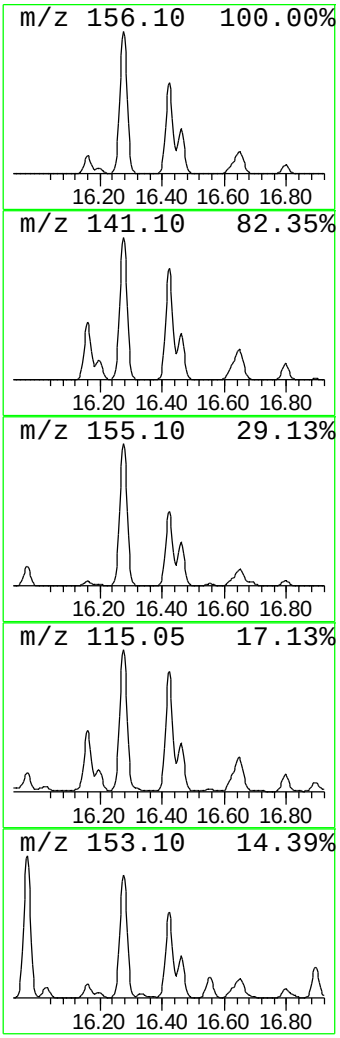
Peak Number 21 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	242.94 ug/L	4687580	1,4-Dichlorobenzene-d4	11.83

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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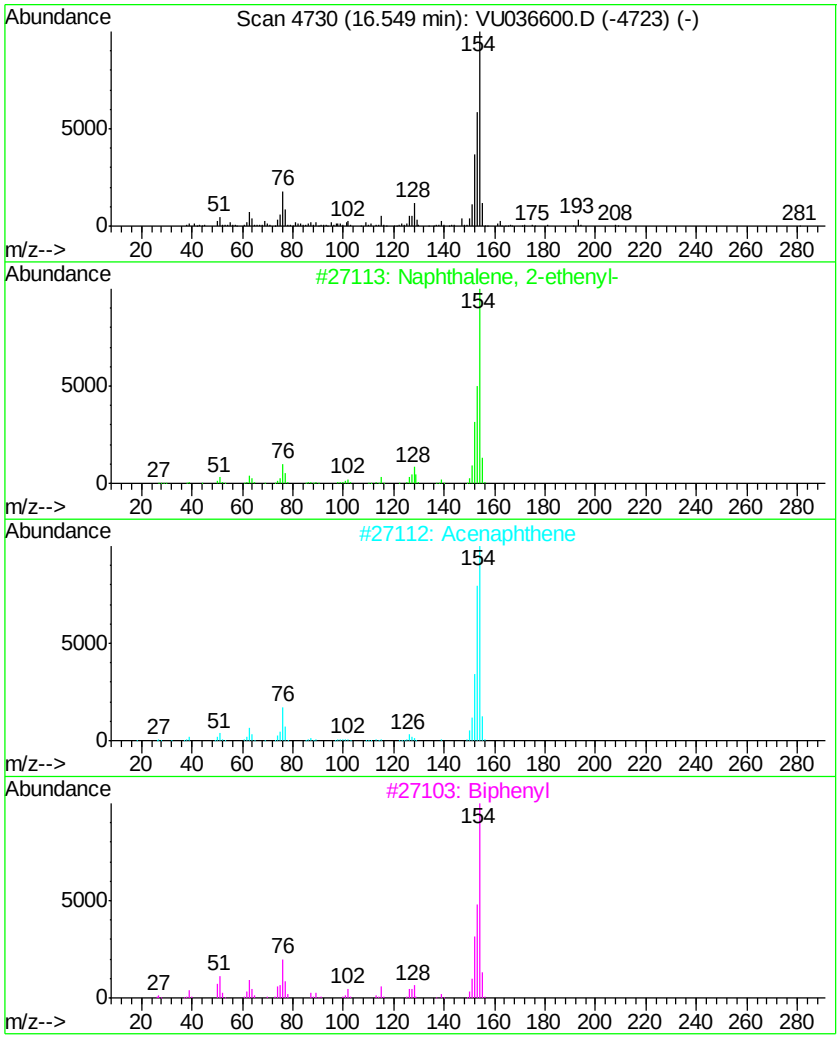
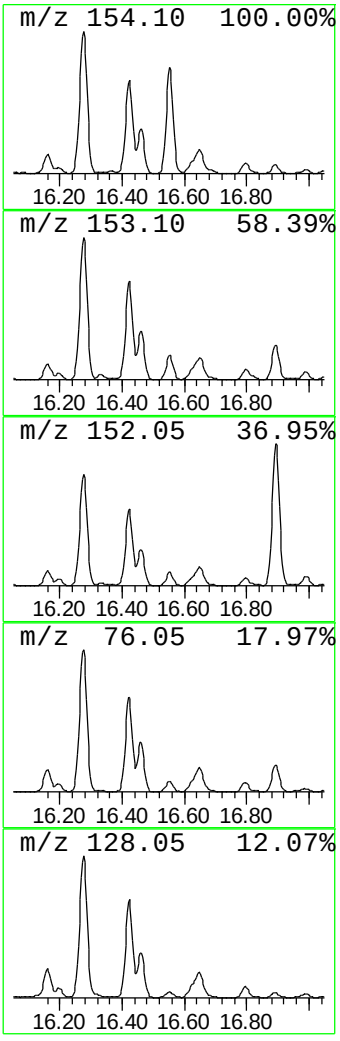
Peak Number 23 Naphthalene, 2-ethenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	13.95 ug/L	269239	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2	Acenaphthene	154	C12H10	000083-32-9	93
3	Biphenyl	154	C12H10	000092-52-4	91
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	76
5	Biphenyl	154	C12H10	000092-52-4	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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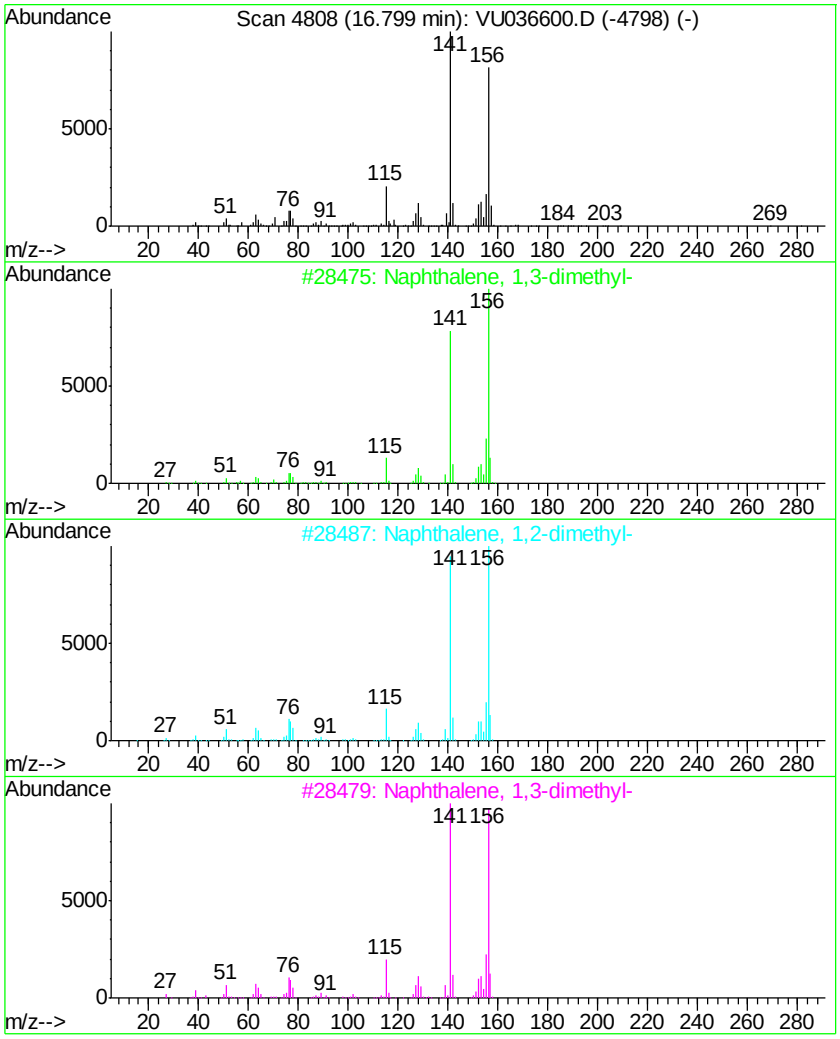
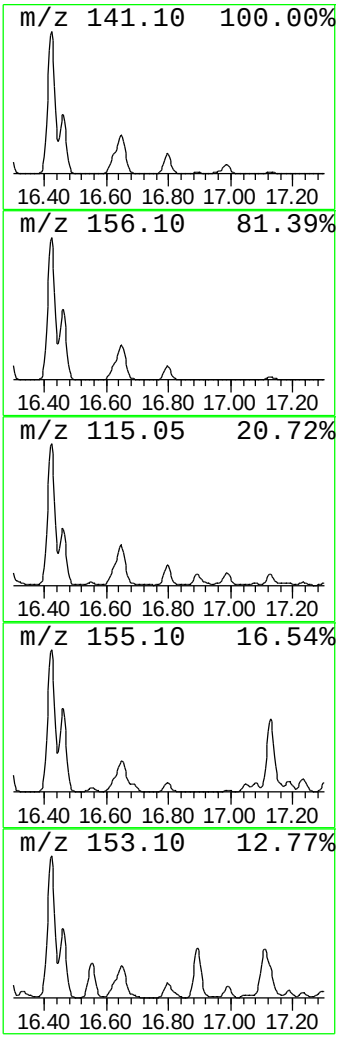
Peak Number 25 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	29.42 ug/L	567590	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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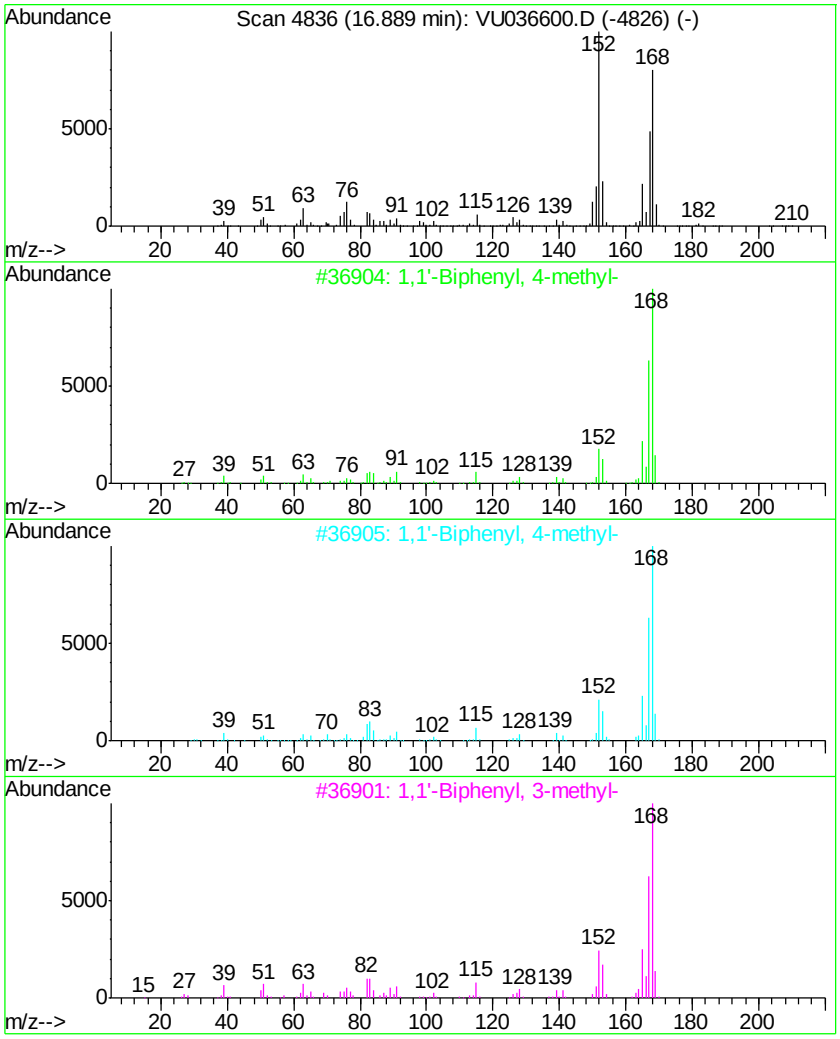
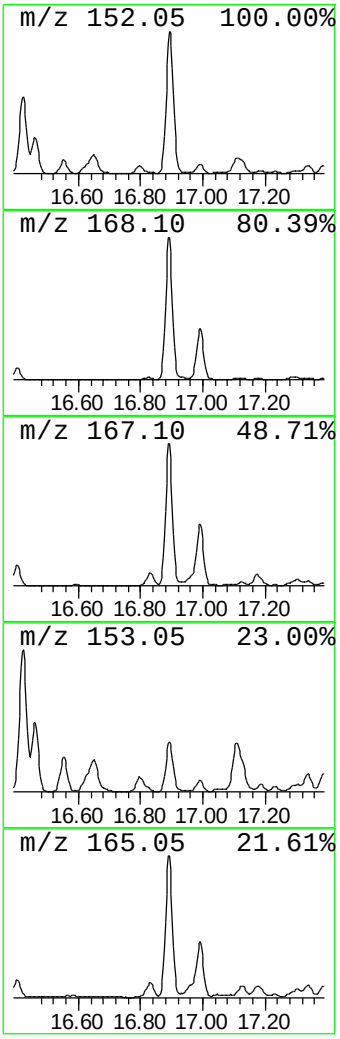
Peak Number 26 1,1'-Biphenyl, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	62.40 ug/L	1203990	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
5	Biphenylene	152	C12H8	000259-79-0	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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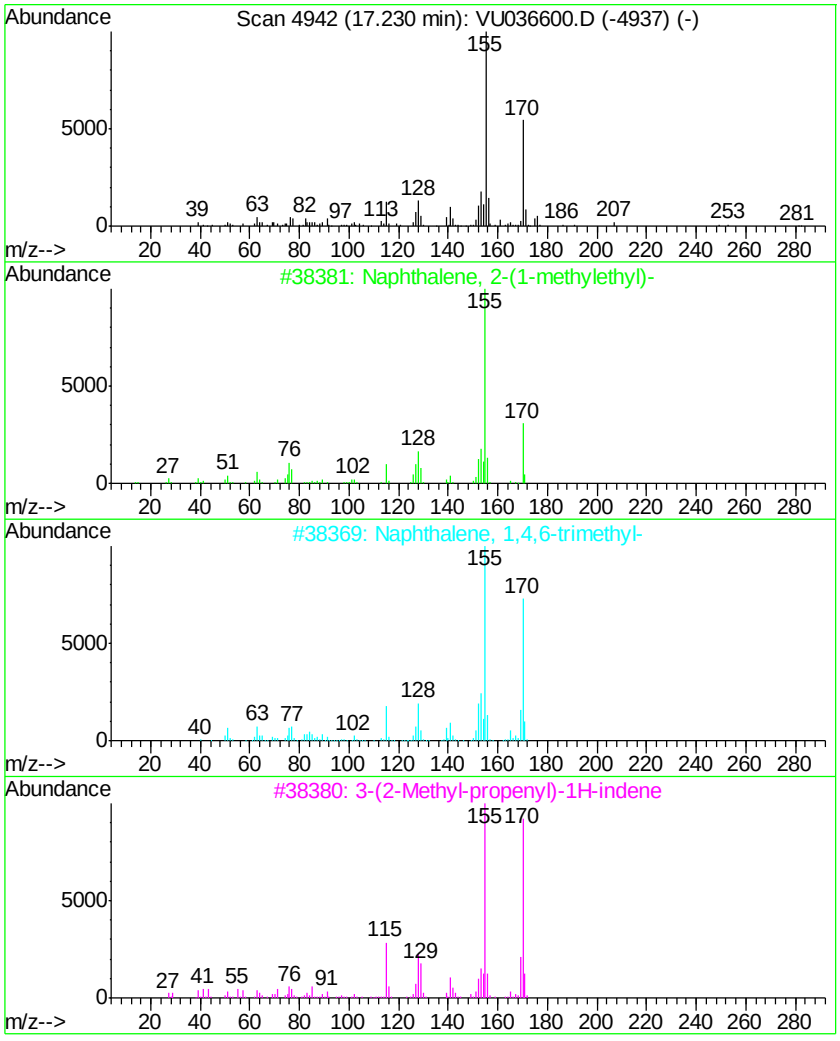
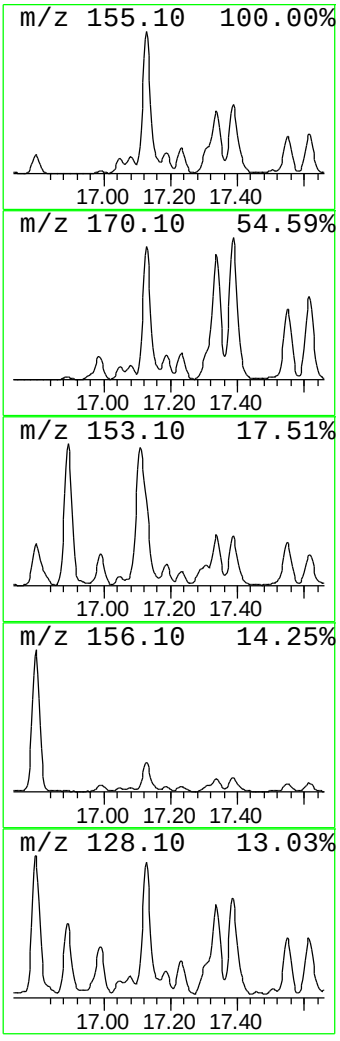
Peak Number 28 Naphthalene, 2-(1-methyleth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	4.85 ug/L	93531	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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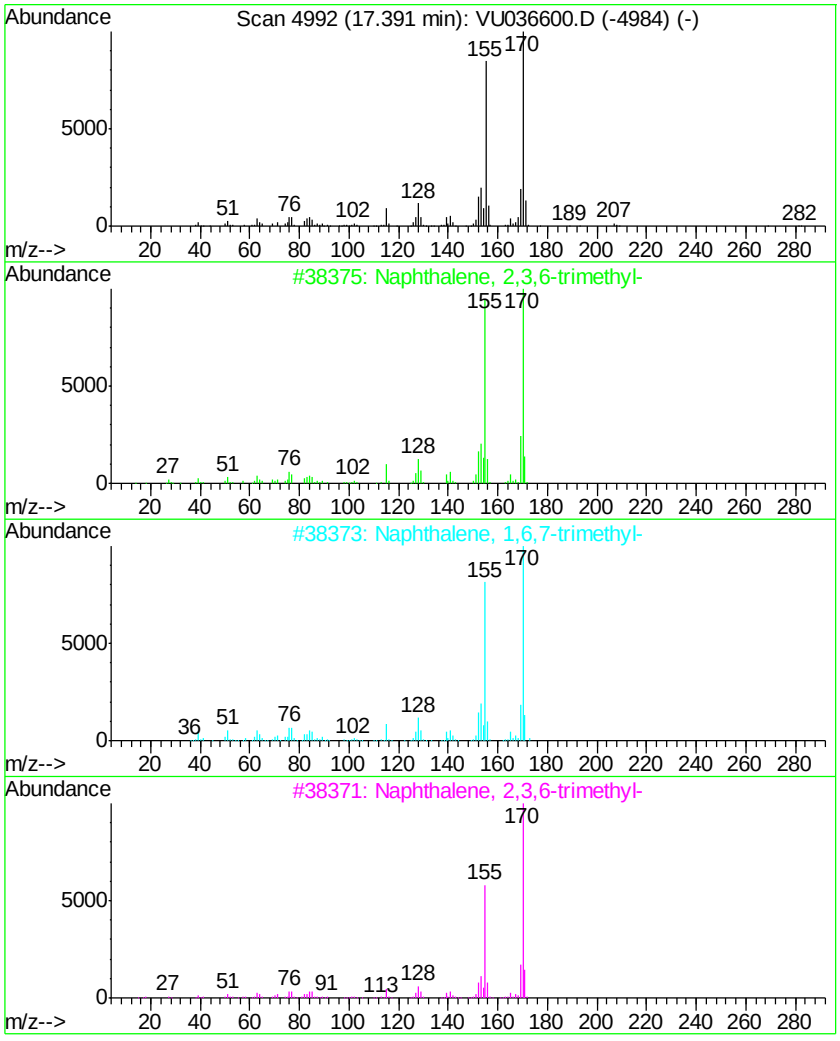
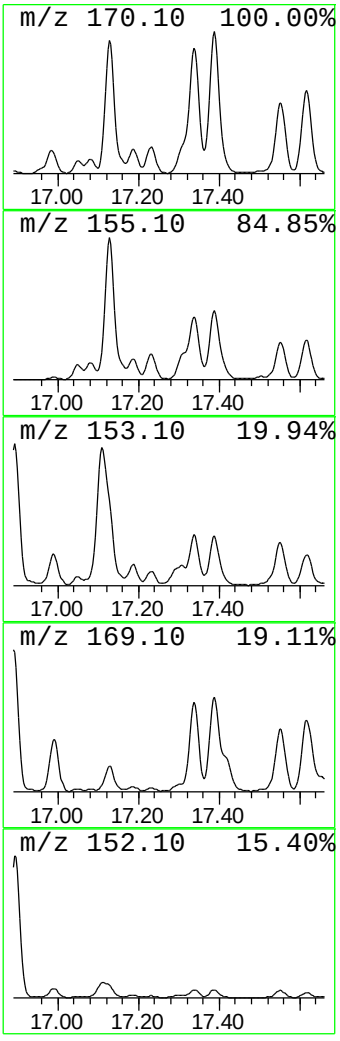
Peak Number 29 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	28.23 ug/L	544658	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.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-etheny...	12.65	2.7	ug/L	52038	3	11.83	964757	50.0
Benzene, 2-etheny...	12.76	22.8	ug/L	439711	3	11.83	964757	50.0
2,4-Dimethylstyrene	12.83	4.6	ug/L	88792	3	11.83	964757	50.0
Benzene, 1,2,3,4-...	12.99	14.0	ug/L	270548	3	11.83	964757	50.0
Benzene, 2-etheny...	13.17	29.0	ug/L	559267	3	11.83	964757	50.0
2-Methyl-7-endo-v...	13.37	4.2	ug/L	80986	3	11.83	964757	50.0
o-Cymene	13.47	107.4	ug/L	2072660	3	11.83	964757	50.0
Benzene, 1-methyl...	13.57	4.1	ug/L	79638	3	11.83	964757	50.0
1H-Indene, 1-methyl-	13.65	103.3	ug/L	1992120	3	11.83	964757	50.0
Benzene, 1-methyl...	13.71	19.2	ug/L	371086	3	11.83	964757	50.0
Benzene, pentamet...	13.85	28.5	ug/L	550559	3	11.83	964757	50.0
Naphthalene, 1,2-...	14.69	57.4	ug/L	1108220	3	11.83	964757	50.0
Naphthalene, 1-me...	15.44	3107.8	ug/L	59965600	3	11.83	964757	50.0
Naphthalene, 2-et...	16.16	62.2	ug/L	1200730	3	11.83	964757	50.0
Naphthalene, 2,6-...	16.28	385.0	ug/L	7428330	3	11.83	964757	50.0
Naphthalene, 2,3-...	16.42	242.9	ug/L	4687580	3	11.83	964757	50.0
Naphthalene, 2-et...	16.55	13.9	ug/L	269239	3	11.83	964757	50.0
Naphthalene, 1,3-...	16.80	29.4	ug/L	567590	3	11.83	964757	50.0
1,1'-Biphenyl, 4-...	16.89	62.4	ug/L	1203990	3	11.83	964757	50.0
Naphthalene, 2-(1...	17.23	4.8	ug/L	93531	3	11.83	964757	50.0
Naphthalene, 2,3,...	17.39	28.2	ug/L	544658	3	11.83	964757	50.0