LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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	1.614	77	85	97	rBV	138997	146807	3.29%	0.596%
2	1.925	173	182	201	rVB	108884	143933	3.23%	0.584%
3	2.591	376	389	404	rBV	212526	343209	7.69%	1.392%
4	2.649	404	407	408	rBV	802	467	0.01%	0.002%
5	2.723	426	430	431	rBV2	225	157	0.00%	0.001%
6	2.941	495	498	503	rVB2	243	177	0.00%	0.001%
7	2.983	508	511	514	rBV2	142	114	0.00%	0.000%
8	3.019	519	522	525	rVB2	197	121	0.00%	0.000%
9	3.077	531	540	547	rVB5	1470	2456	0.06%	0.010%
10	3.224	573	586	600	rBV2	4312	9304	0.21%	0.038%
11	3.347	621	624	626	rBV	195	114	0.00%	0.000%
12	3.626	708	711	714	rVB2	176	132	0.00%	0.001%
13	3.794	759	763	767	rVV2	159	131	0.00%	0.001%
14	4.671	1021	1036	1059	rBV	90881	209276	4.69%	0.849%
15	5.105	1155	1171	1191	rVV	169627	364461	8.17%	1.478%
16	5.218	1203	1206	1208	rBV	253	202	0.00%	0.001%
17	5.237	1209	1212	1216	rVV	324	267	0.01%	0.001%
18	5.257	1216	1218	1223	rVB2	213	205	0.00%	0.001%
19	5.324	1235	1239	1240	rBV	413	228	0.01%	0.001%
20	5.401	1260	1263	1270	rVB2	174	215	0.00%	0.001%
21	5.591	1319	1322	1324	rBV	146	124	0.00%	0.001%
22	5.765	1353	1376	1404	rBV2	385091	987929	22.15%	4.008%
23	6.147	1491	1495	1503	rVB	454	667	0.01%	0.003%
24	6.285	1523	1538	1562	rVV	373780	697807	15.64%	2.831%
25	6.517	1608	1610	1612	rVB2	363	182	0.00%	0.001%
26	6.533	1612	1615	1616	rBV	243	164	0.00%	0.001%
27	6.562	1616	1624	1630	rVV4	1648	2304	0.05%	0.009%
28	6.726	1661	1675	1694	rVV	226992	431473	9.67%	1.750%
29	6.809	1697	1701	1705	rVB2	156	135	0.00%	0.001%
30	6.832	1705	1708	1709	rBV	372	244	0.01%	0.001%
31	7.105	1789	1793	1797	rBV	141	116	0.00%	0.000%
32	7.215	1818	1827	1836	rVB3	1795	2689	0.06%	0.011%
33	7.420	1884	1891	1895	rBV	130	167	0.00%	0.001%
34	7.446	1895	1899	1906	rVV	132	139	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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	7.597	1932	1946	1966	rBV	136053	233107	5.23%	0.946%
36	7.687	1971	1974	1976	rVV2	235	176	0.00%	0.001%
37	7.716	1977	1983	1994	rVB4	1209	1787	0.04%	0.007%
38	7.826	2014	2017	2019	rBV	238	123	0.00%	0.000%
39	7.928	2034	2049	2067	rBV	514570	880527	19.74%	3.572%
40	8.208	2123	2136	2151	rBV	94710	154663	3.47%	0.627%
41	8.334	2172	2175	2177	rBV	177	135	0.00%	0.001%
42	8.343	2177	2178	2181	rVB	275	117	0.00%	0.000%
43	8.665	2265	2278	2320	rVB	300488	518551	11.63%	2.104%
44	8.925	2354	2359	2363	rBV	149	170	0.00%	0.001%
45	8.957	2367	2369	2376	rVB2	305	234	0.01%	0.001%
46	9.070	2401	2404	2409	rVB2	210	139	0.00%	0.001%
47	9.443	2507	2520	2540	rBV	527166	852483	19.11%	3.458%
48	9.594	2559	2567	2574	rBV2	1173	1715	0.04%	0.007%
49	9.716	2593	2605	2615	rBV2	9047	15265	0.34%	0.062%
50	9.764	2619	2620	2624	rBV	197	130	0.00%	0.001%
51	10.128	2723	2733	2747	rVB4	9881	17990	0.40%	0.073%
52	10.462	2833	2837	2842	rBV3	270	225	0.01%	0.001%
53	10.504	2843	2850	2858	rVB	581	802	0.02%	0.003%
54	10.610	2882	2883	2885	rBV	218	121	0.00%	0.000%
55	10.645	2890	2894	2900	rBV3	588	584	0.01%	0.002%
56	10.706	2909	2913	2916	rBV3	454	372	0.01%	0.002%
57	10.780	2923	2936	2951	rBV	322286	519605	11.65%	2.108%
58	10.928	2976	2982	2991	rVB2	5800	8341	0.19%	0.034%
59	11.018	3001	3010	3022	rBV	19914	41634	0.93%	0.169%
60	11.108	3032	3038	3058	rVB2	36069	67491	1.51%	0.274%
61	11.311	3092	3101	3118	rBV3	9158	23762	0.53%	0.096%
62	11.385	3122	3124	3130	rVB3	535	540	0.01%	0.002%
63	11.433	3133	3139	3144	rBV4	2724	3675	0.08%	0.015%
64	11.488	3145	3156	3167	rVB	90806	140111	3.14%	0.568%
65	11.555	3167	3177	3186	rBV	69598	108941	2.44%	0.442%
66	11.607	3186	3193	3203	rVB	23559	34629	0.78%	0.140%
67	11.729	3225	3231	3236	rBV8	2863	3727	0.08%	0.015%
68	11.832	3250	3263	3275	rBV	573698	910232	20.41%	3.692%
69	11.915	3281	3289	3299	rVB	37269	55771	1.25%	0.226%
70	11.967	3299	3305	3313	rBV2	10018	14113	0.32%	0.057%
71	12.211	3370	3381	3395	rVB	547338	899795	20.17%	3.650%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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	12.298	3401	3408	3410	rBV5	14901	17987	0.40%	0.073%
73	12.337	3411	3420	3433	rVB2	135268	238220	5.34%	0.966%
74	12.485	3458	3466	3469	rBV2	14011	18659	0.42%	0.076%
75	12.558	3483	3489	3493	rBV4	16968	23372	0.52%	0.095%
76	12.645	3507	3516	3525	rBV2	23375	43050	0.97%	0.175%
77	12.764	3544	3553	3563	rVB	82211	125528	2.81%	0.509%
78	12.825	3565	3572	3587	rBV2	24798	41119	0.92%	0.167%
79	13.047	3632	3641	3653	rVB2	60268	123202	2.76%	0.500%
80	13.372	3737	3742	3746	rBV4	7300	9500	0.21%	0.039%
81	13.446	3757	3765	3784	rVV3	154995	337082	7.56%	1.367%
82	13.536	3785	3793	3803	rVB	147111	219052	4.91%	0.889%
83	13.603	3809	3814	3816	rBV	23747	25839	0.58%	0.105%
84	13.645	3819	3827	3838	rVB	236353	395376	8.86%	1.604%
85	14.102	3959	3969	3990	rVB	1860893	2999207	67.24%	12.166%
86	14.462	4074	4081	4089	rBV	108956	141252	3.17%	0.573%
87	15.237	4311	4322	4337	rVB	2886845	4460317	100.00%	18.093%
88	15.423	4369	4380	4403	rVB	1482061	2384393	53.46%	9.672%
89	15.967	4541	4549	4558	rVB	120835	178475	4.00%	0.724%
90	16.160	4601	4609	4616	rBV	159049	231361	5.19%	0.939%
91	16.275	4633	4645	4667	rVB	776286	1349840	30.26%	5.476%
92	16.420	4679	4690	4697	rBV	672533	1090407	24.45%	4.423%
93	16.552	4723	4731	4743	rVB	74656	120812	2.71%	0.490%
94	16.648	4745	4761	4788	rVB	169554	446783	10.02%	1.812%
95	16.796	4799	4807	4825	rVB	79635	134542	3.02%	0.546%
96	16.893	4827	4837	4853	rVV	178862	299530	6.72%	1.215%
97	16.989	4862	4867	4879	rVB2	48988	74840	1.68%	0.304%
98	17.388	4985	4991	5014	rVB3	58195	128115	2.87%	0.520%
99	17.552	5034	5042	5052	rVB2	45725	77486	1.74%	0.314%
100	17.616	5056	5062	5071	rVB2	37035	58514	1.31%	0.237%

Sum of corrected areas: 24651759

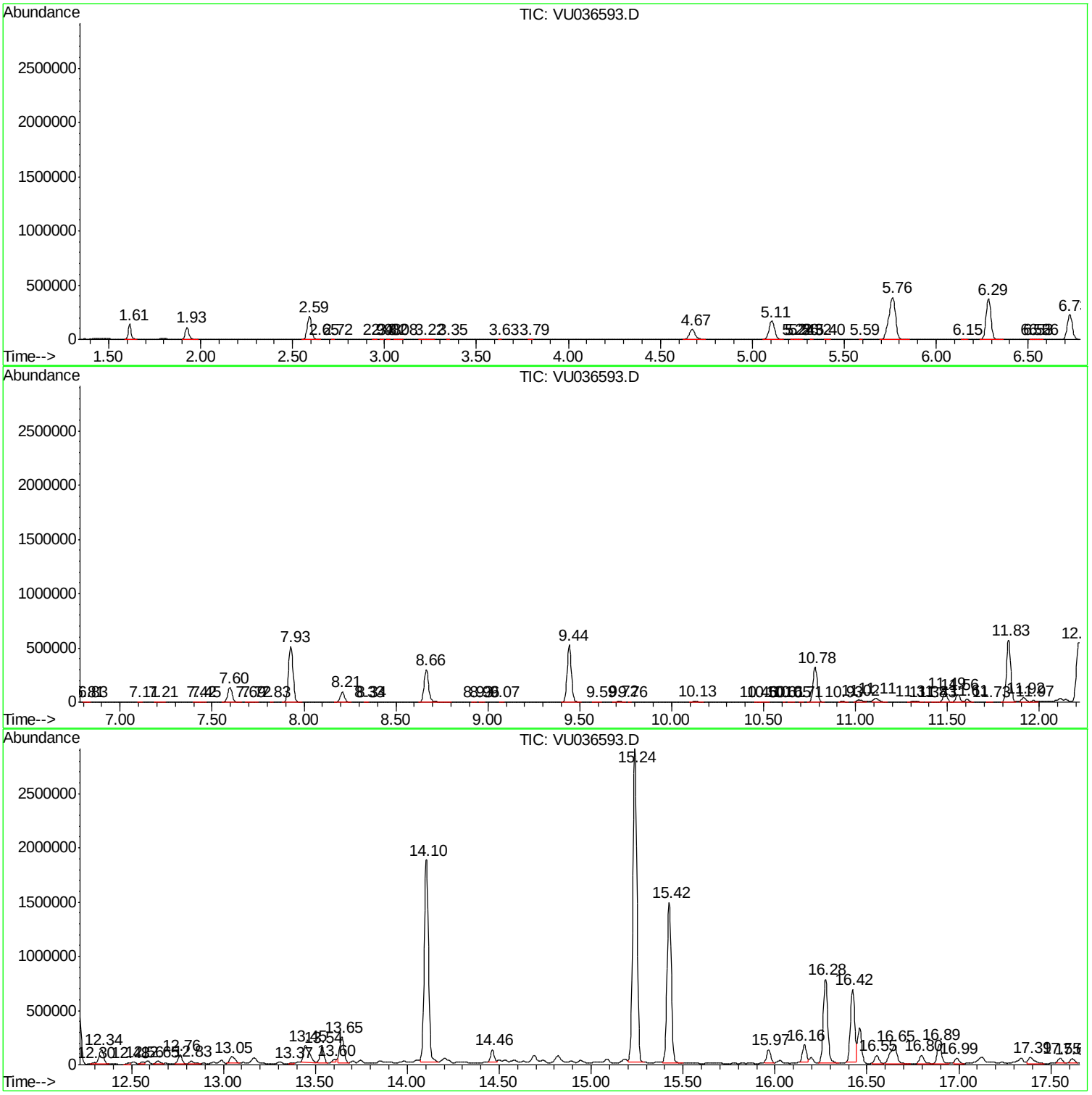
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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

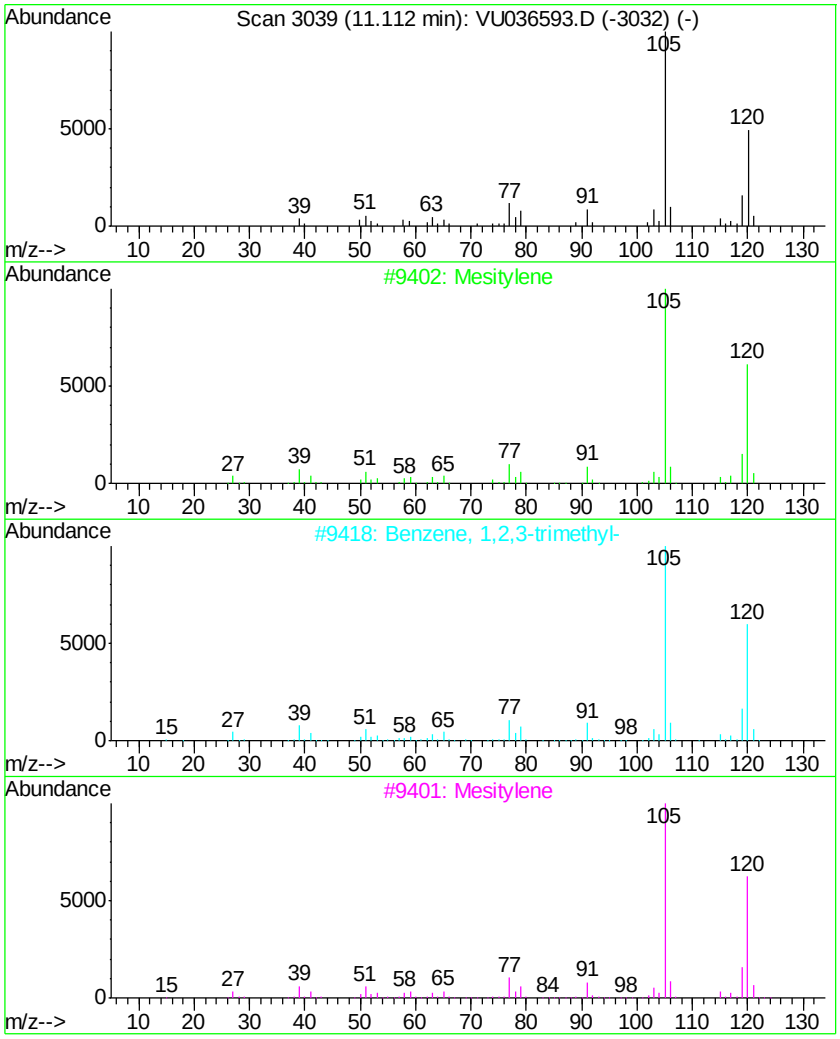
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

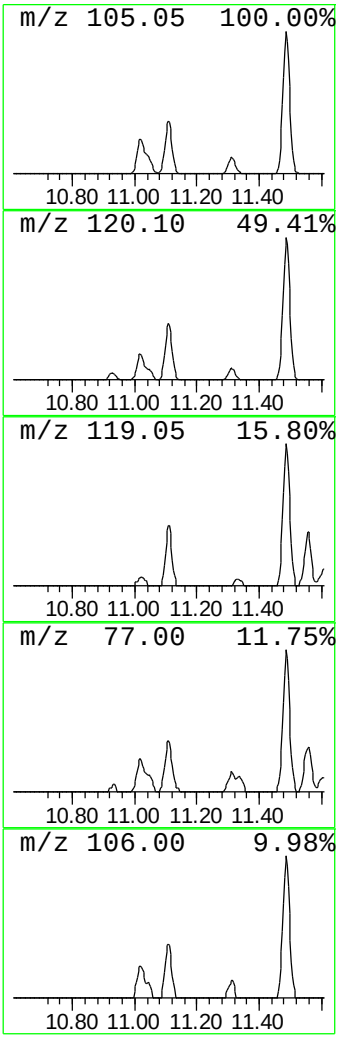
****

Peak Number 2 Mesitylene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	3.71 ug/L	67491	1,4-Dichlorobenzene-d4	11.83

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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

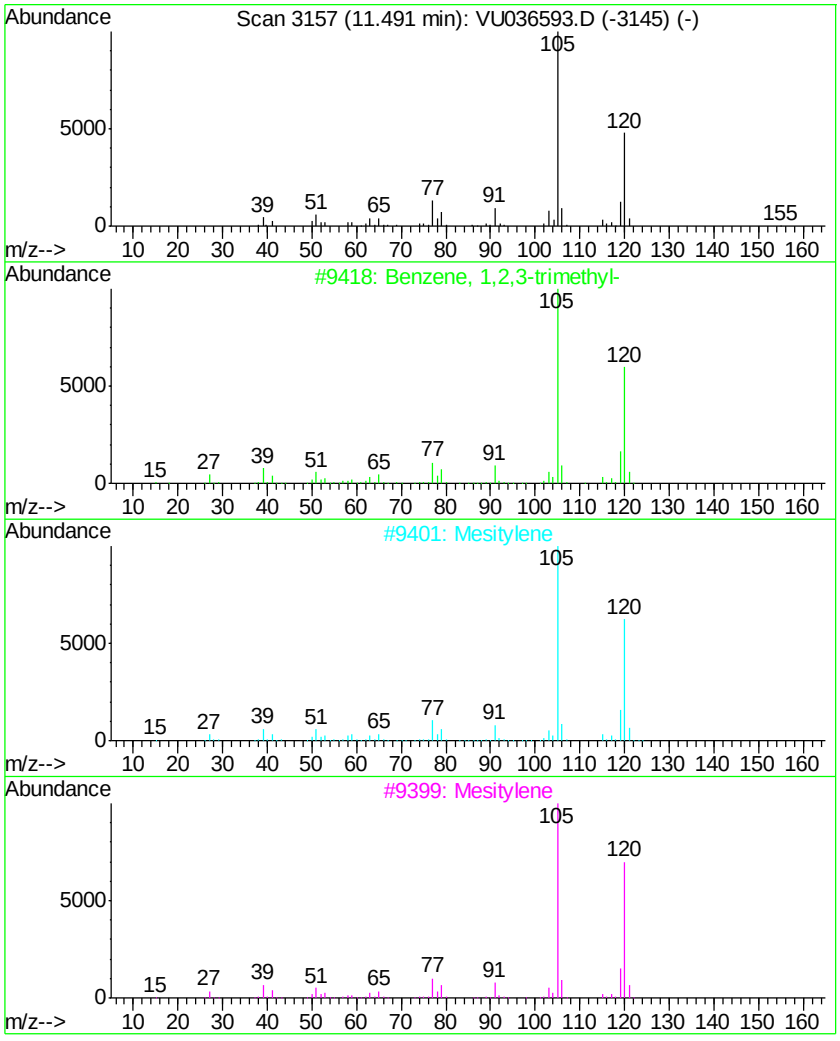
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

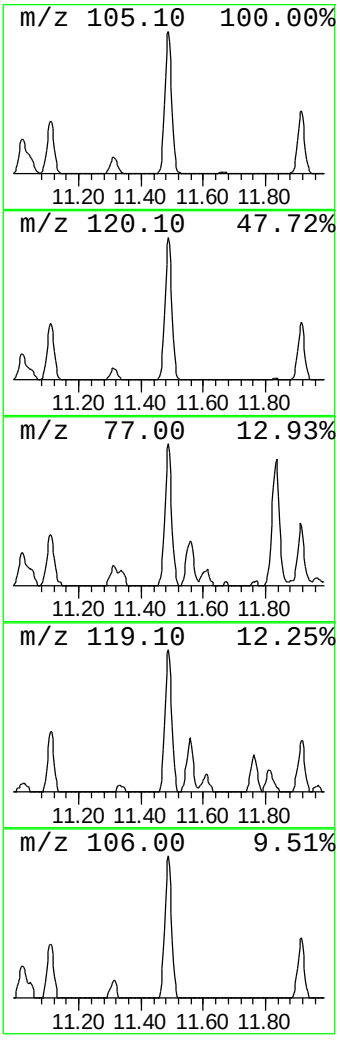
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	7.70 ug/L	140111	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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

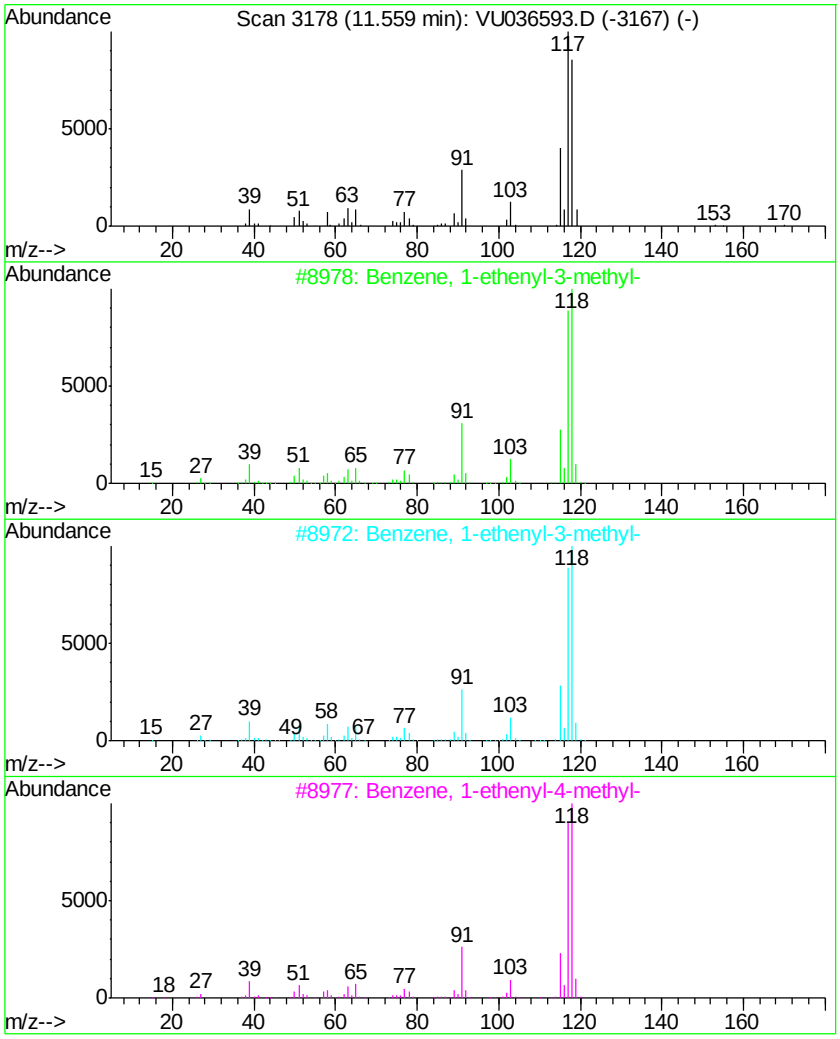
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

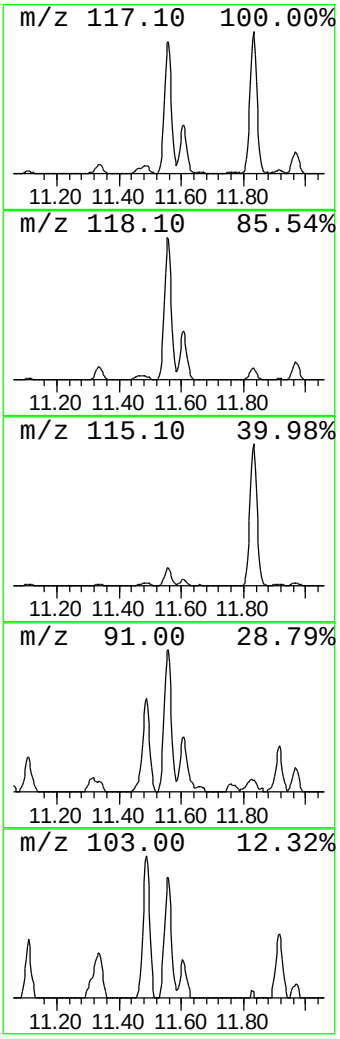
****

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	5.98 ug/L	108941	1,4-Dichlorobenzene-d4	11.83

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-4-methyl-	118	C9H10	000622-97-9	95
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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

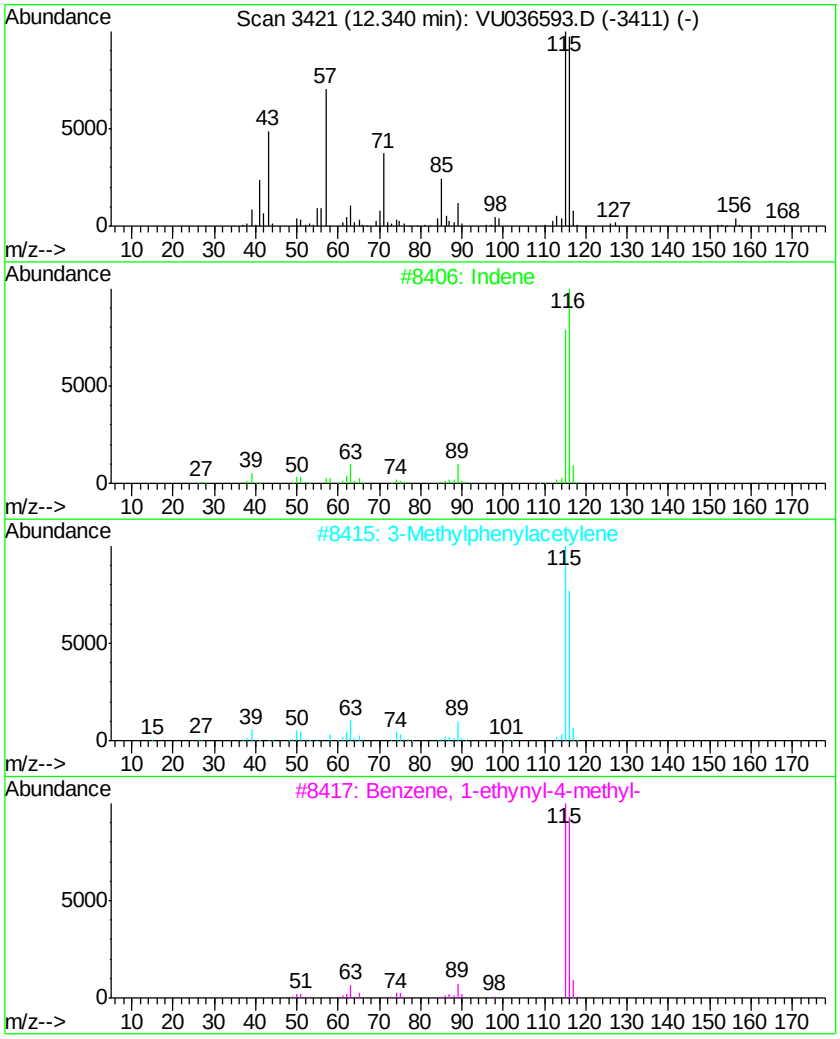
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

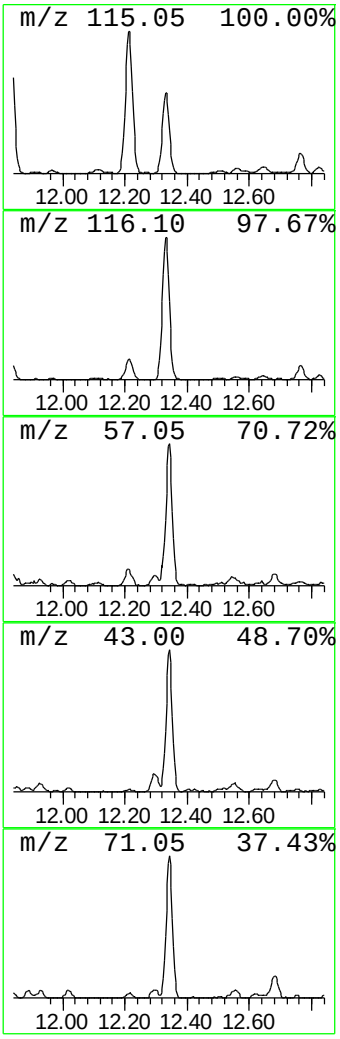
****

Peak Number 6 Indene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	13.09 ug/L	238220	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	87
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	81
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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

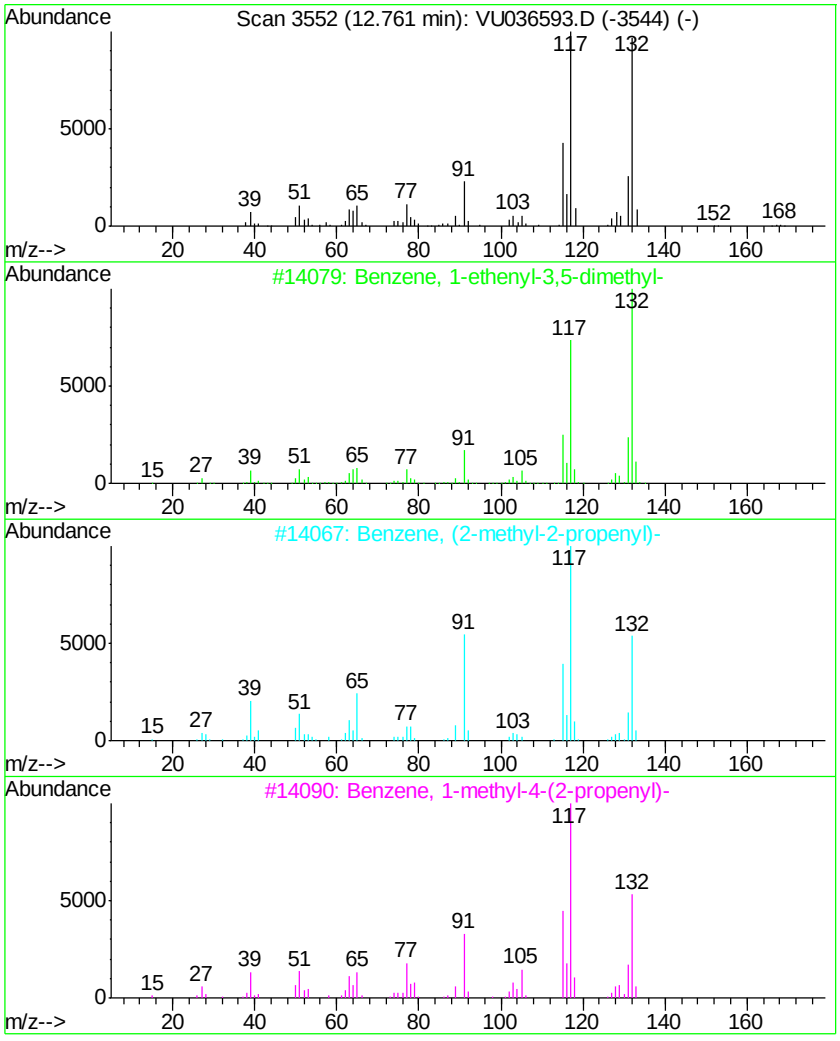
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

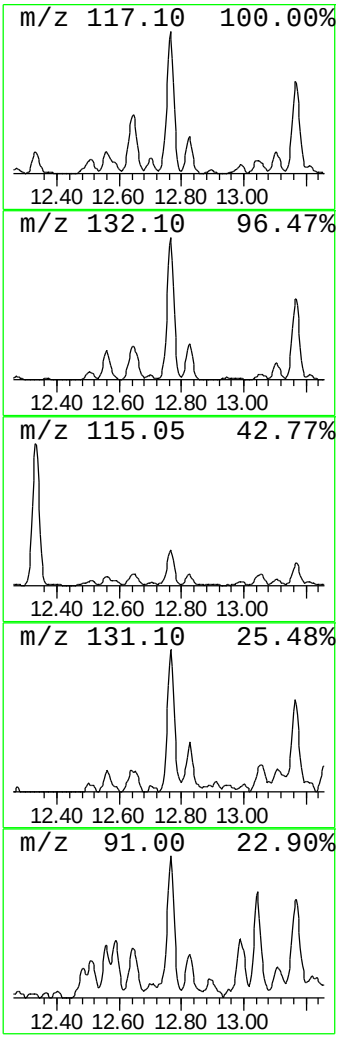
****

Peak Number 7 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	6.90 ug/L	125528	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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

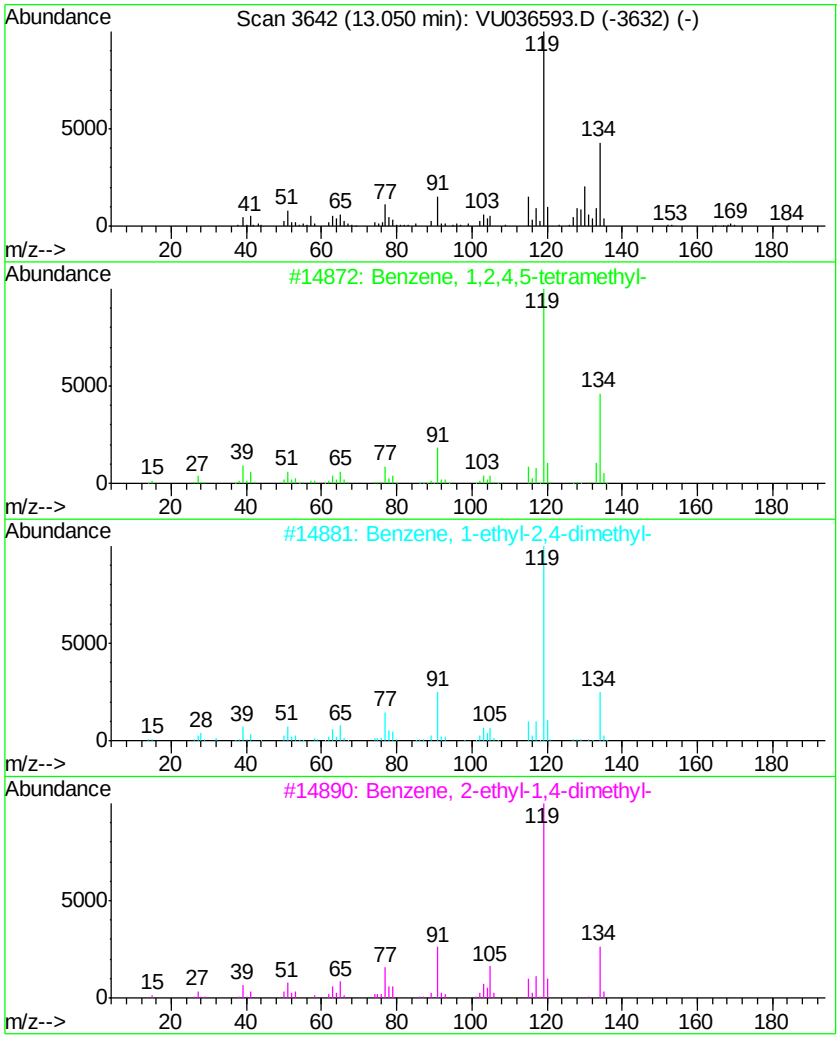
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

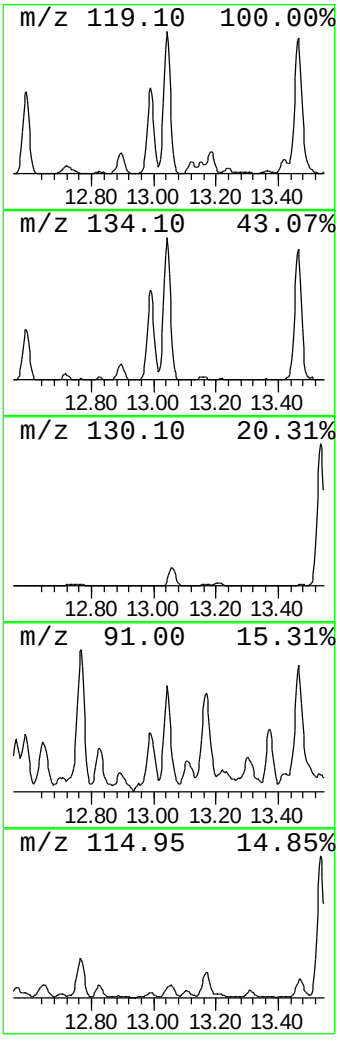
****

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	6.77 ug/L	123202	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87





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Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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

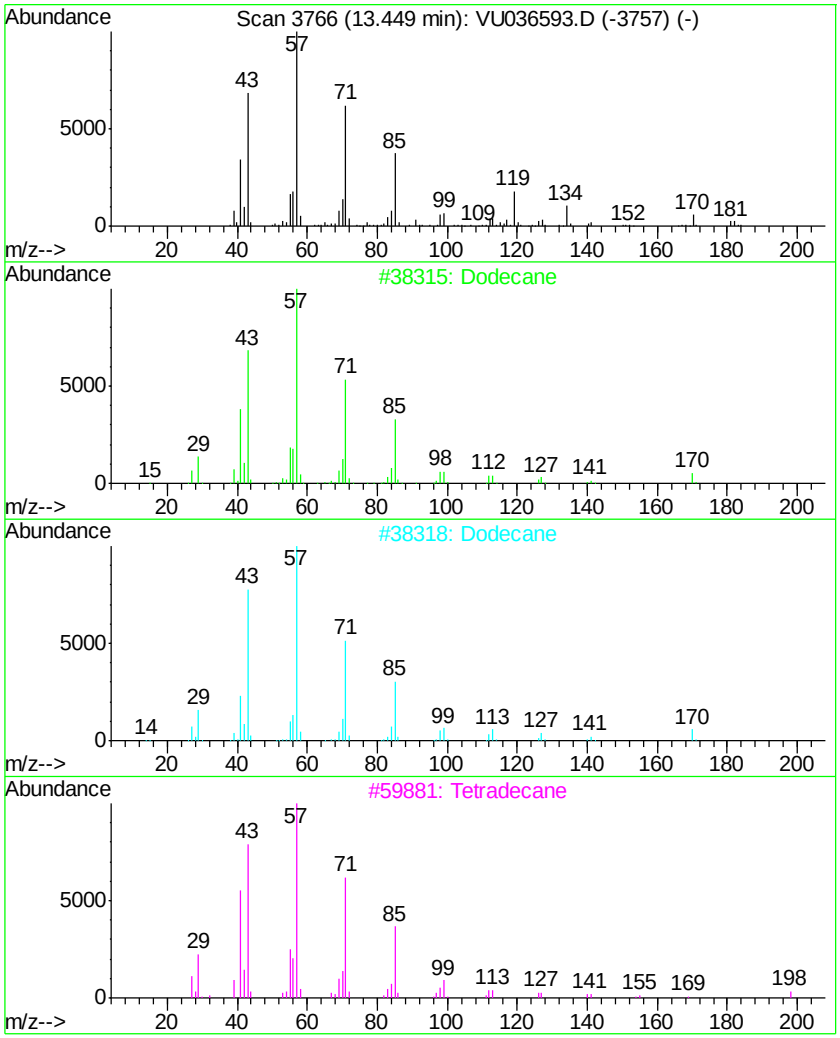
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

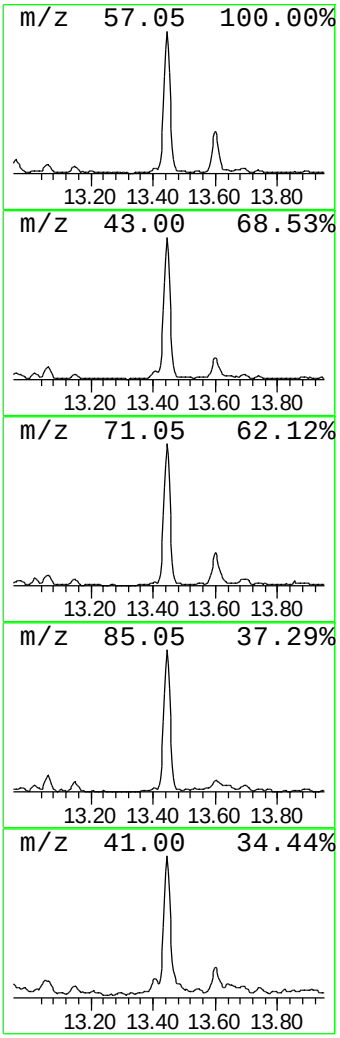
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	18.52 ug/L	337082	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Dodecane	170	C12H26	000112-40-3	87
3	Tetradecane	198	C14H30	000629-59-4	83
4	Dodecane	170	C12H26	000112-40-3	81
5	Tridecane	184	C13H28	000629-50-5	80





Library Search Compound Report

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Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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

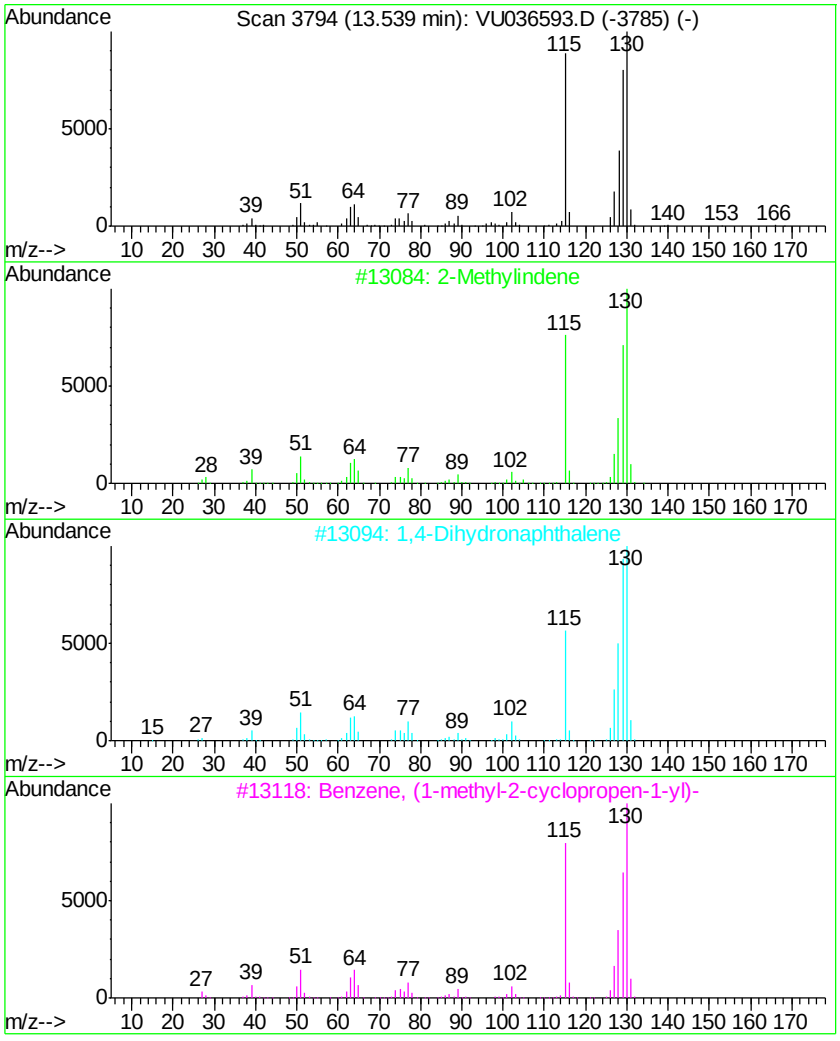
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

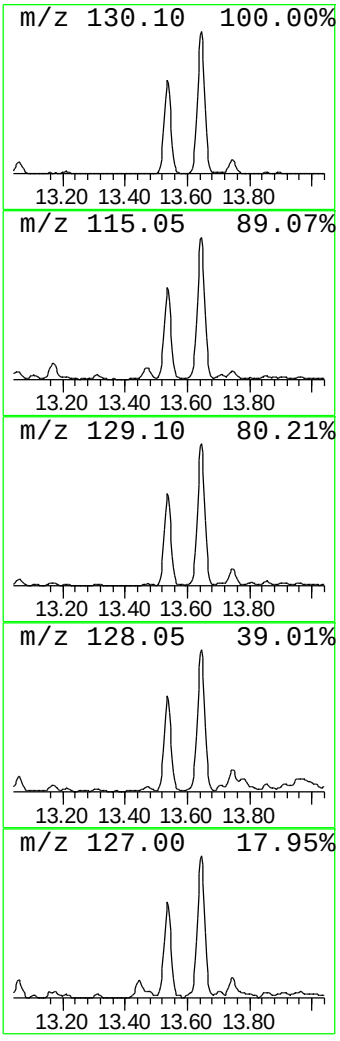
****

Peak Number 10 2-Methylindene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	12.03 ug/L	219052	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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 11 Benzene, 1-butynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	21.72 ug/L	395376	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
2	2-Methylindene	130	C10H10	002177-47-1	93
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
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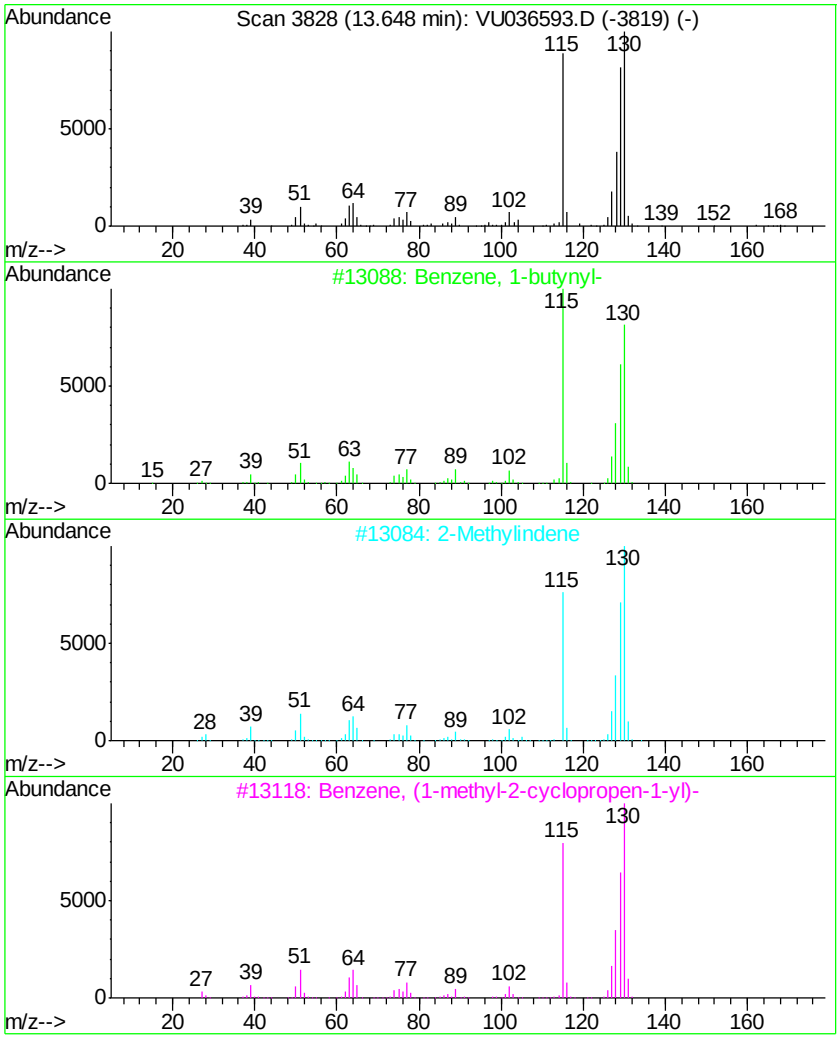

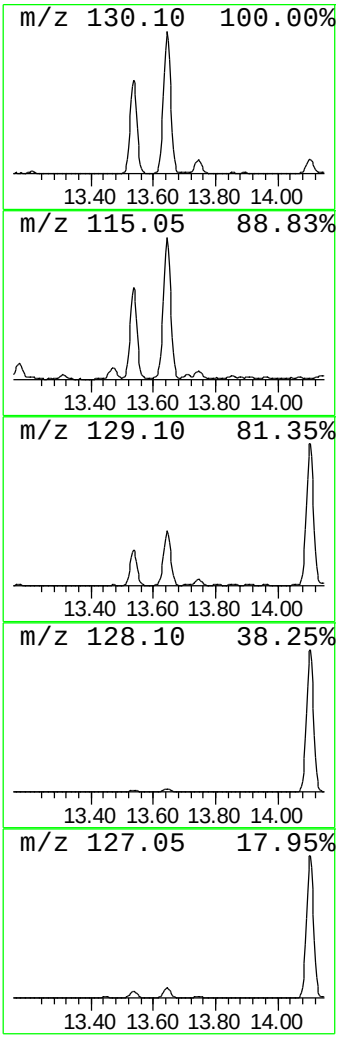

Library Search Compound Report

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Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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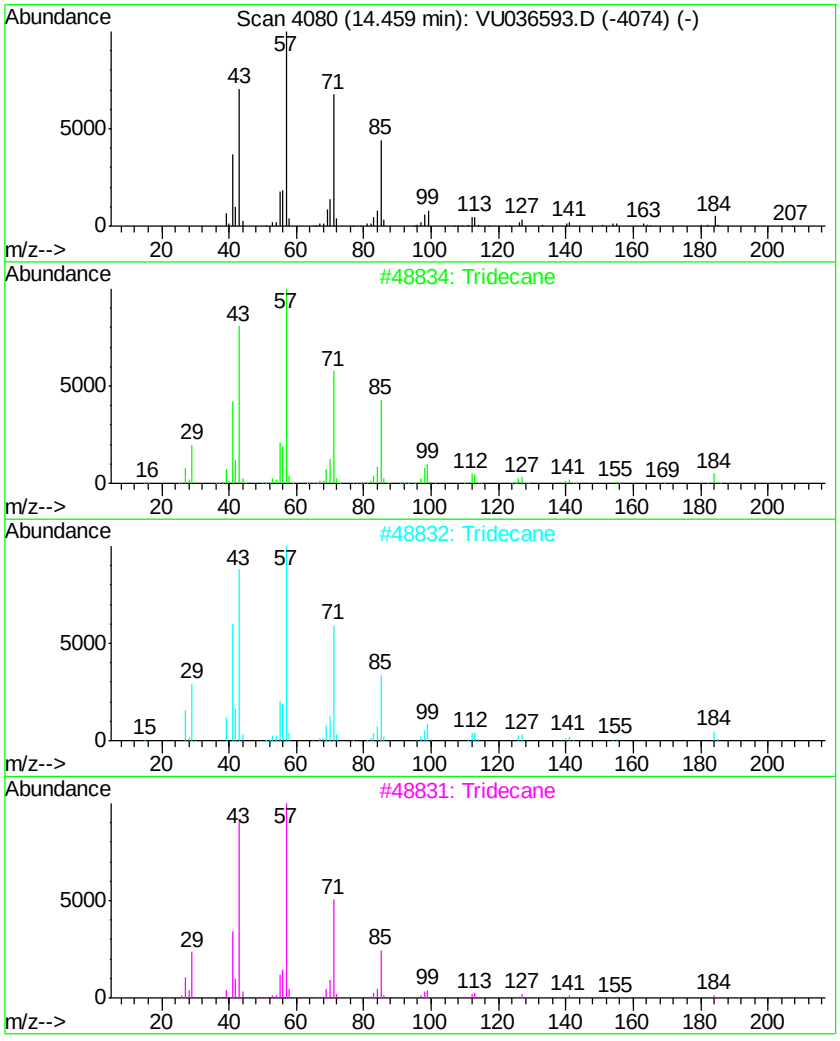
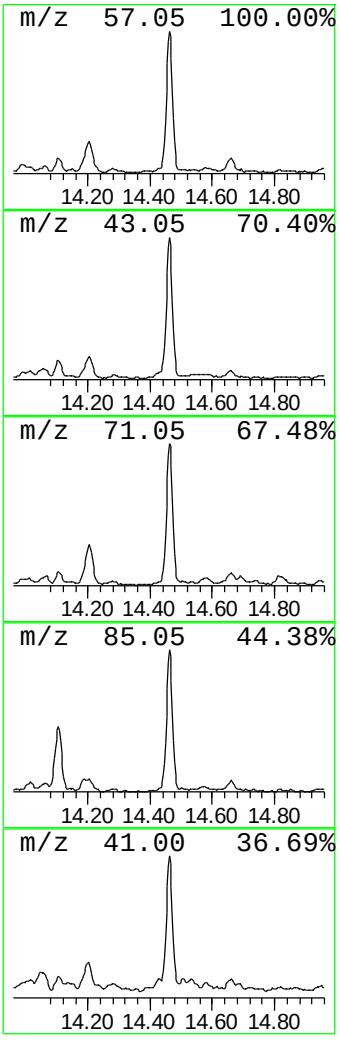
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	7.76 ug/L	141252	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	96
3	Tridecane	184	C13H28	000629-50-5	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Pentadecane	212	C15H32	000629-62-9	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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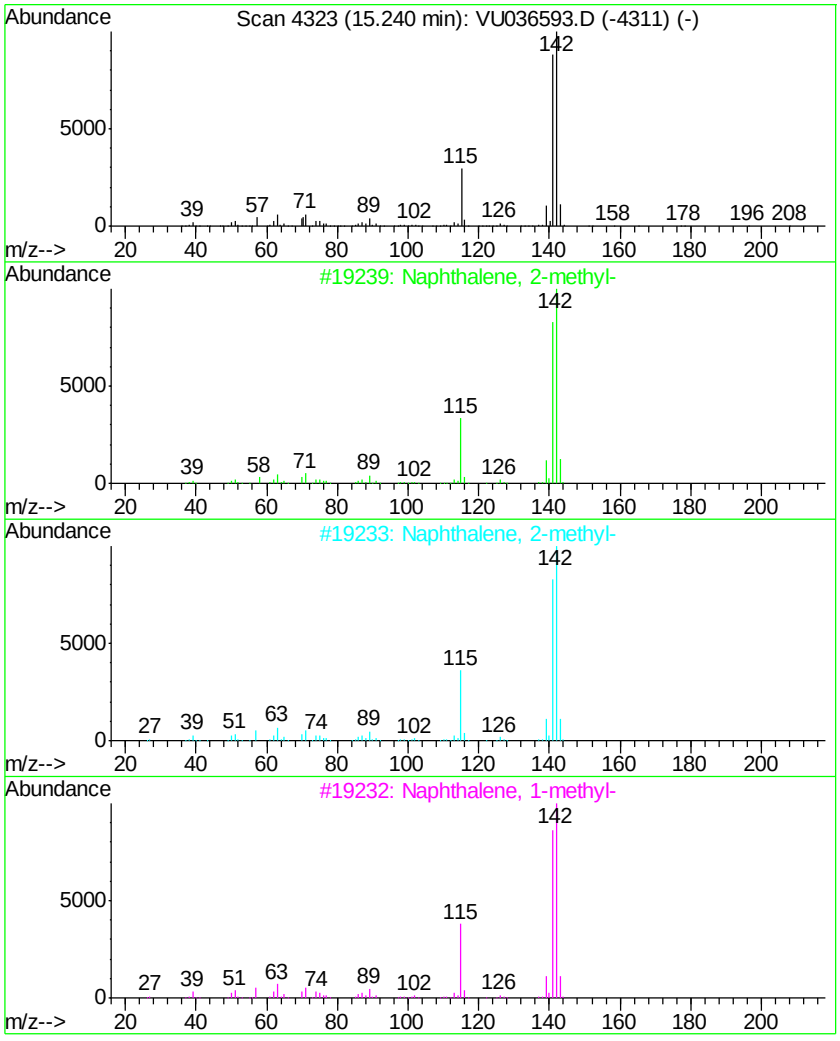
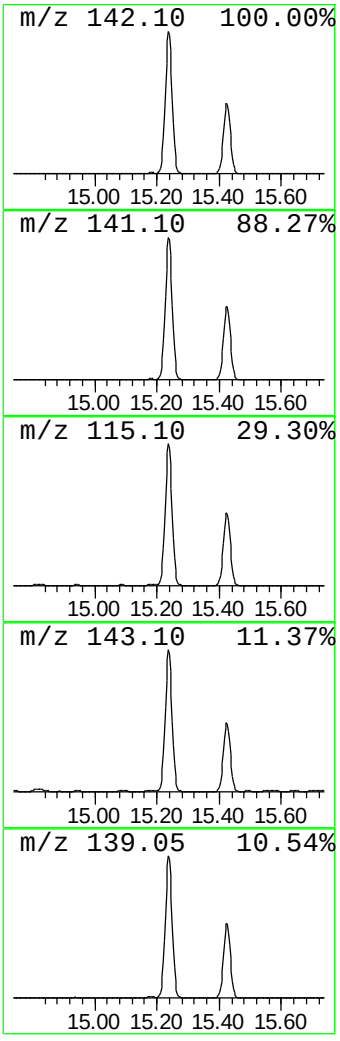
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	245.01 ug/L	4460320	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, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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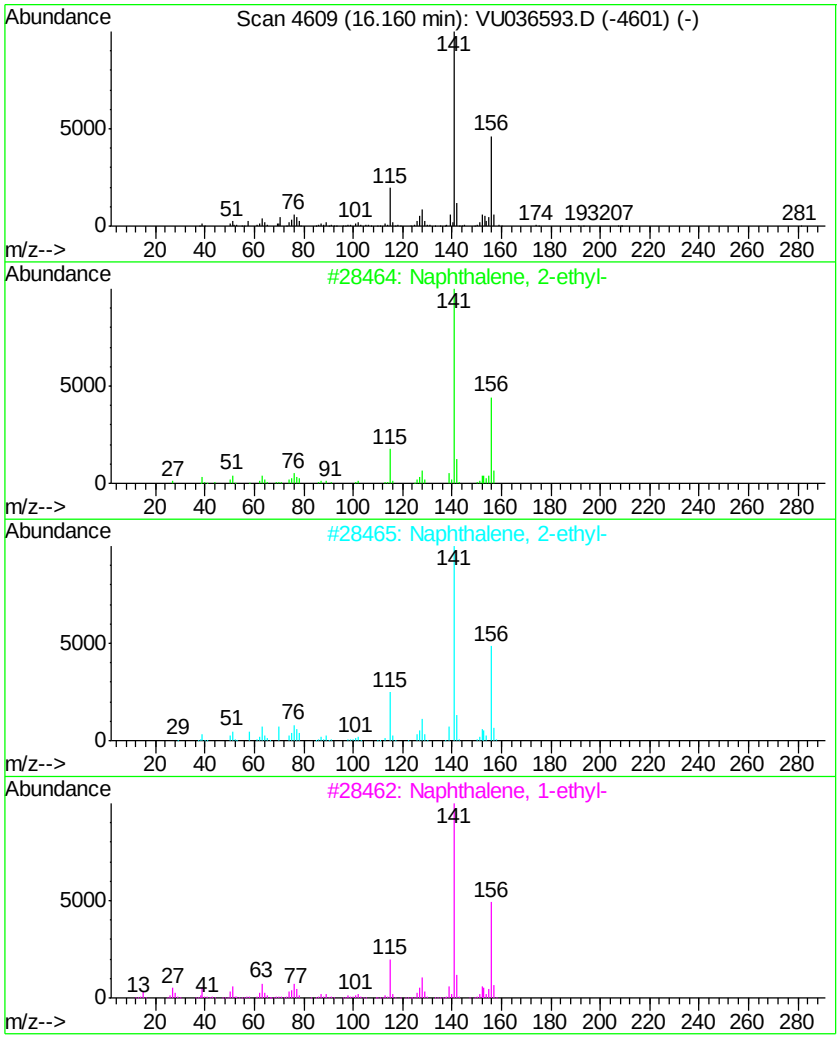
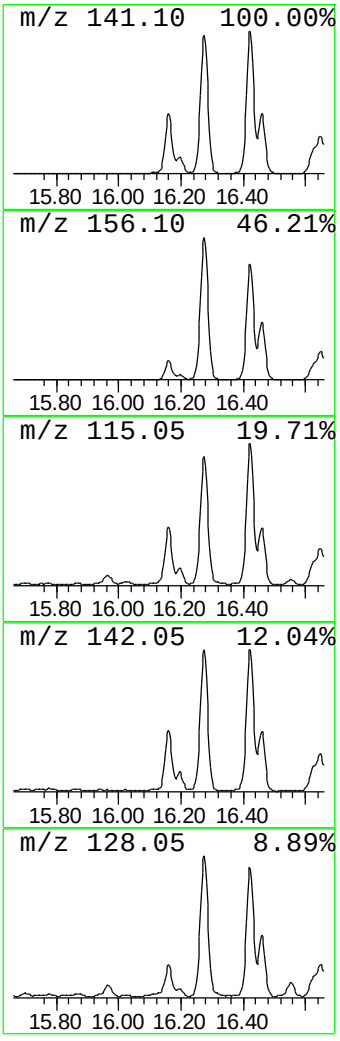
Peak Number 17 Naphthalene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	12.71 ug/L	231361	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
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	96
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95





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Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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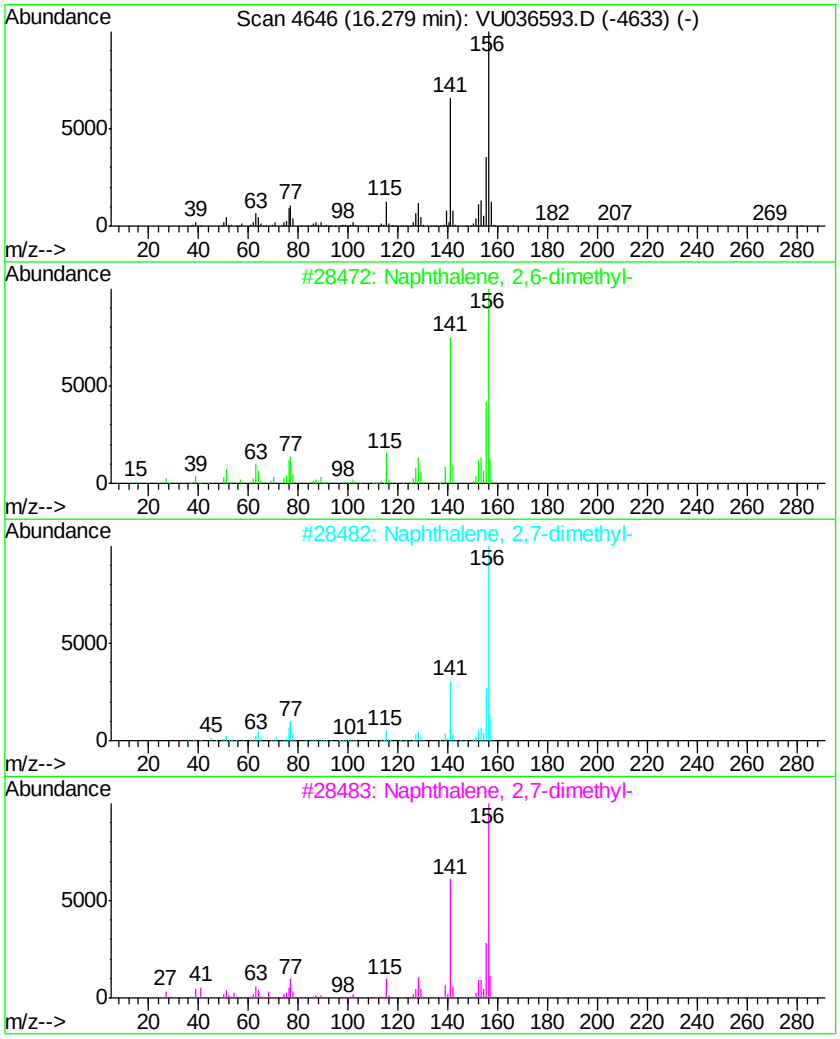
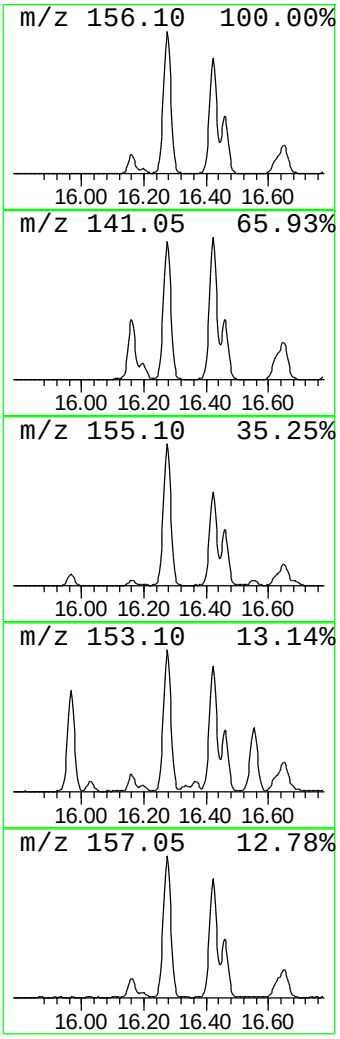
Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	74.15 ug/L	1349840	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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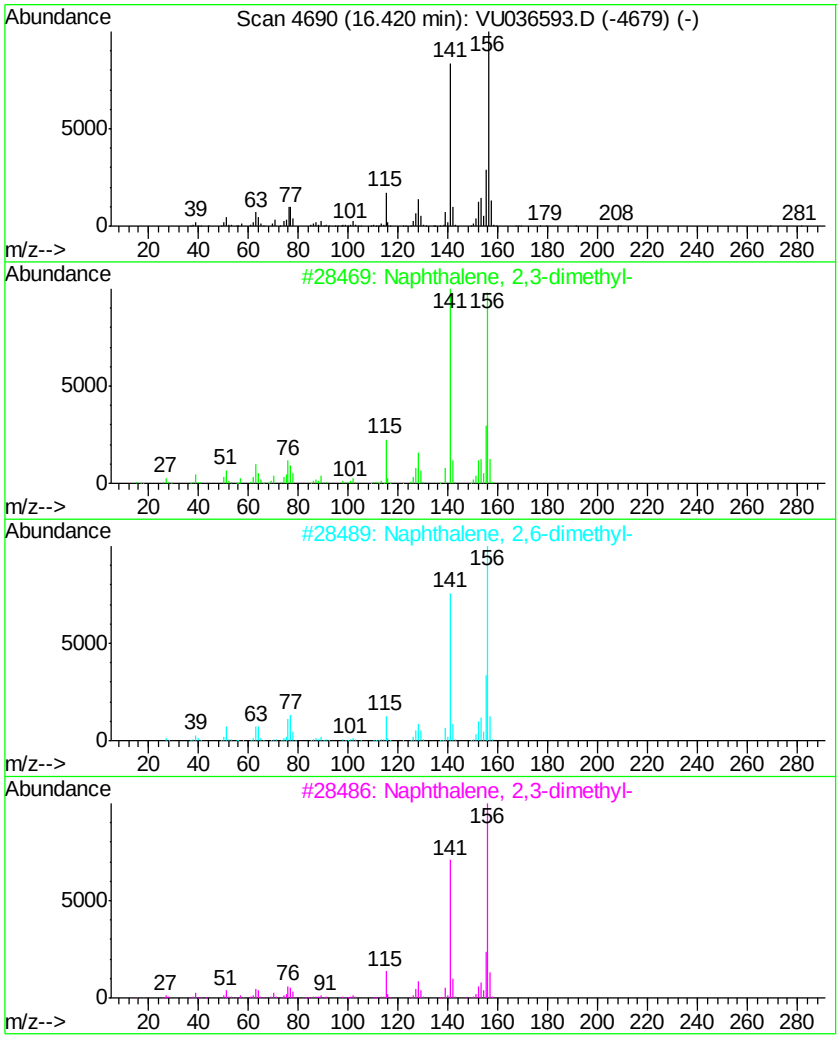
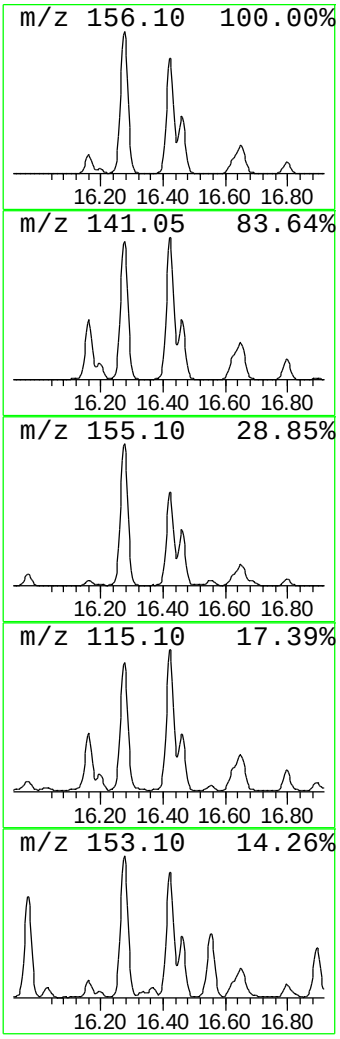
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	59.90 ug/L	1090410	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	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Library Search Compound Report

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Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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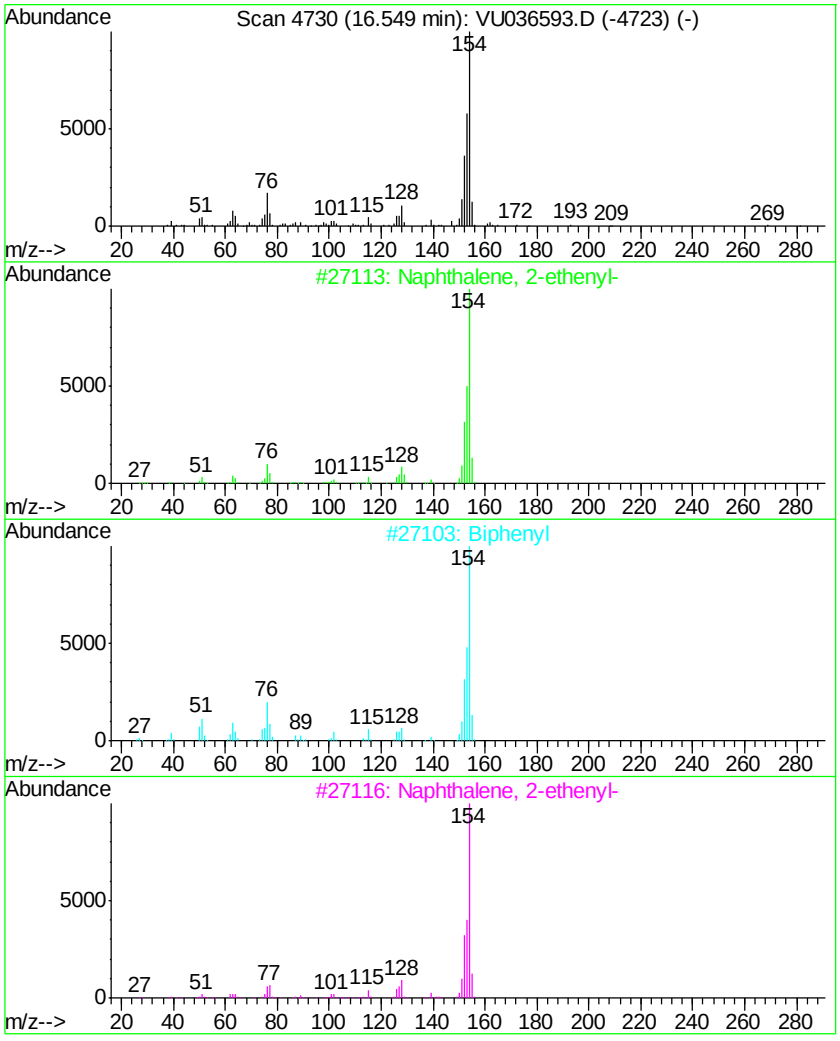
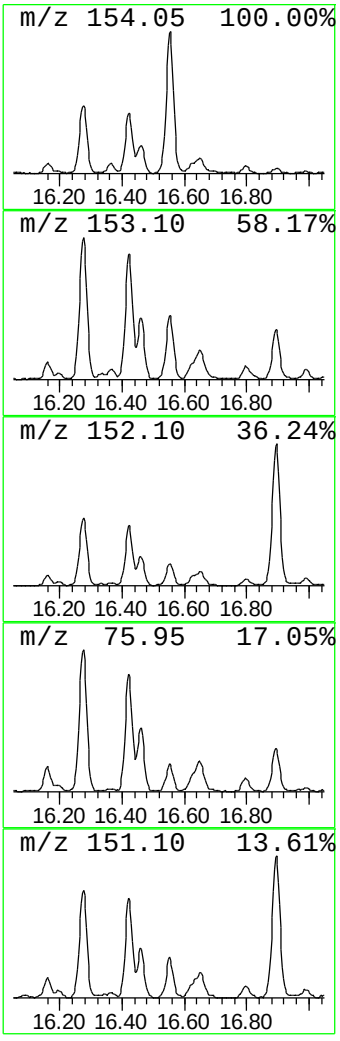
Peak Number 20 Naphthalene, 2-ethenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	6.64 ug/L	120812	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	Biphenyl	154	C12H10	000092-52-4	93
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
4	Biphenyl	154	C12H10	000092-52-4	81
5	Acenaphthene	154	C12H10	000083-32-9	81





Library Search Compound Report

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Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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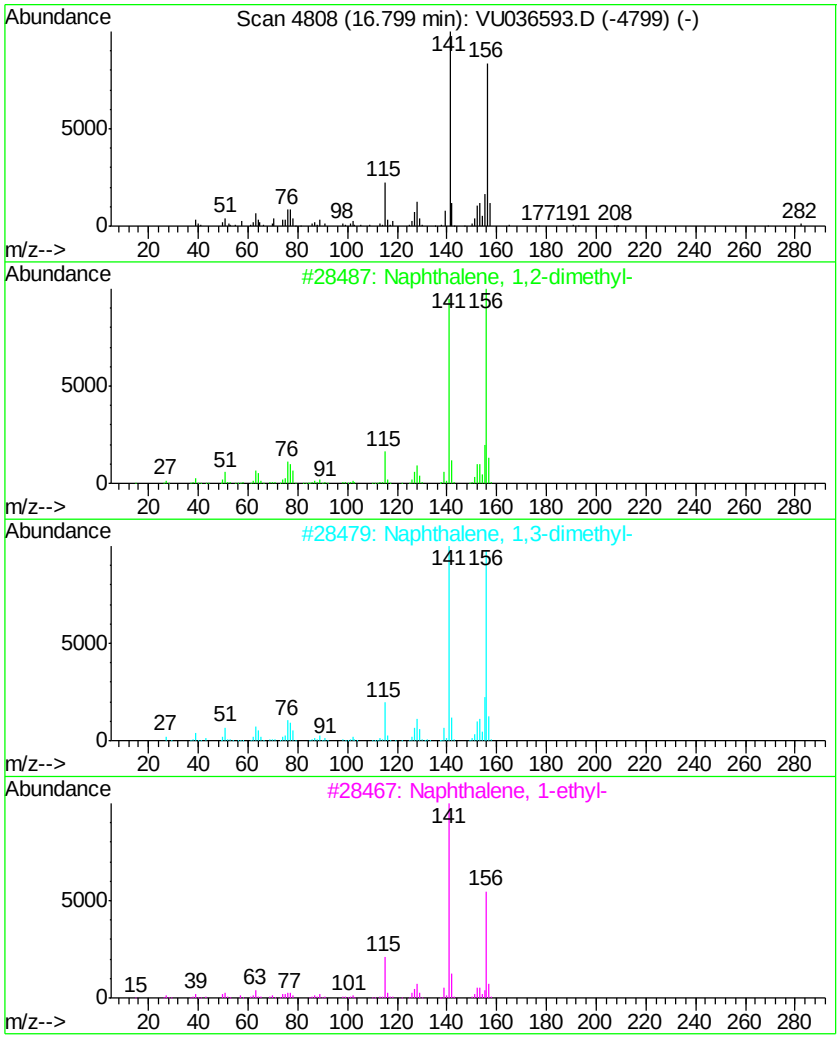
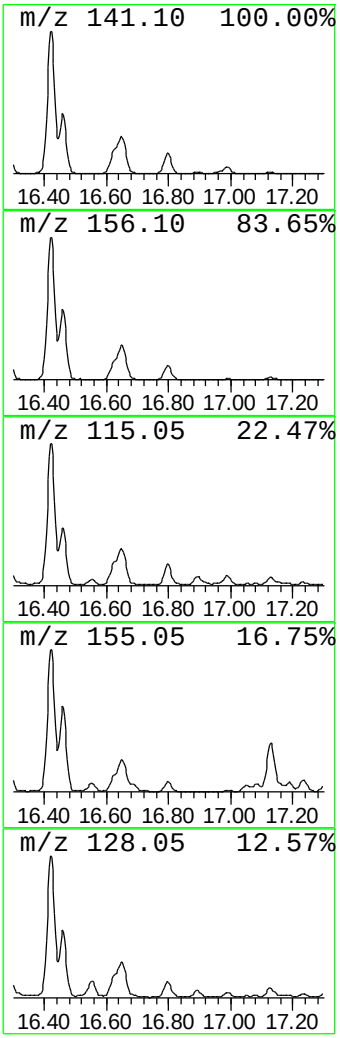
Peak Number 22 Naphthalene, 1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	7.39 ug/L	134542	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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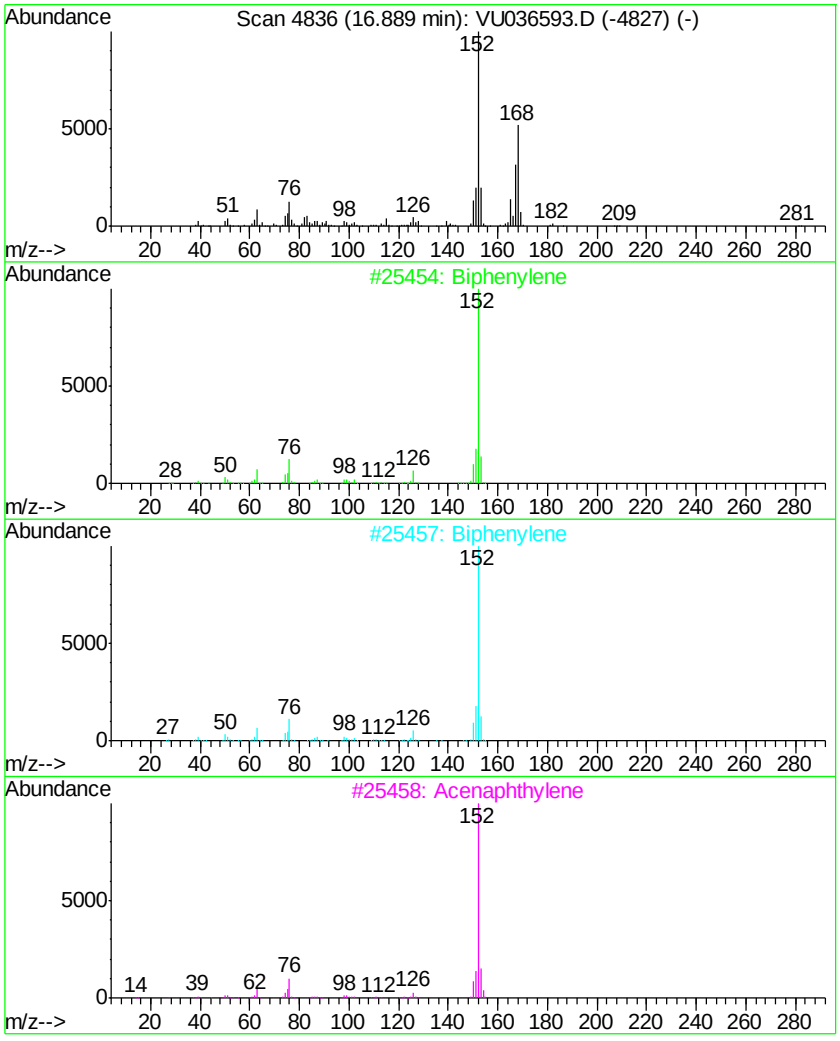
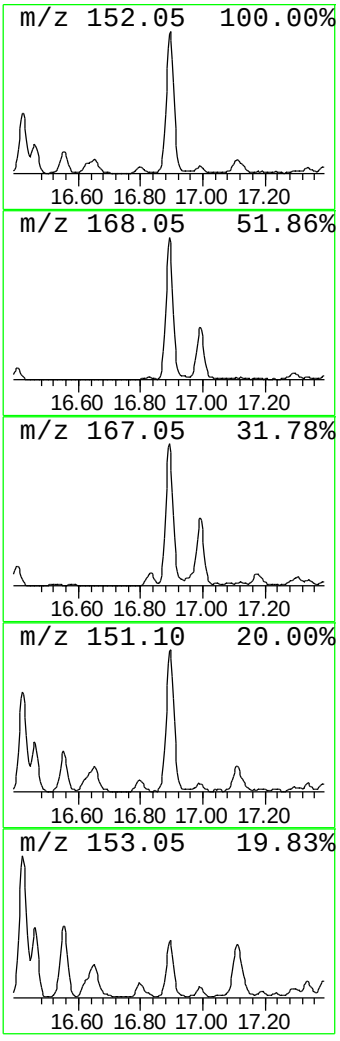
Peak Number 23 Biphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	16.45 ug/L	299530	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	78
2	Biphenylene	152	C12H8	000259-79-0	60
3	Acenaphthylene	152	C12H8	000208-96-8	60
4	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	49
5	Acenaphthylene	152	C12H8	000208-96-8	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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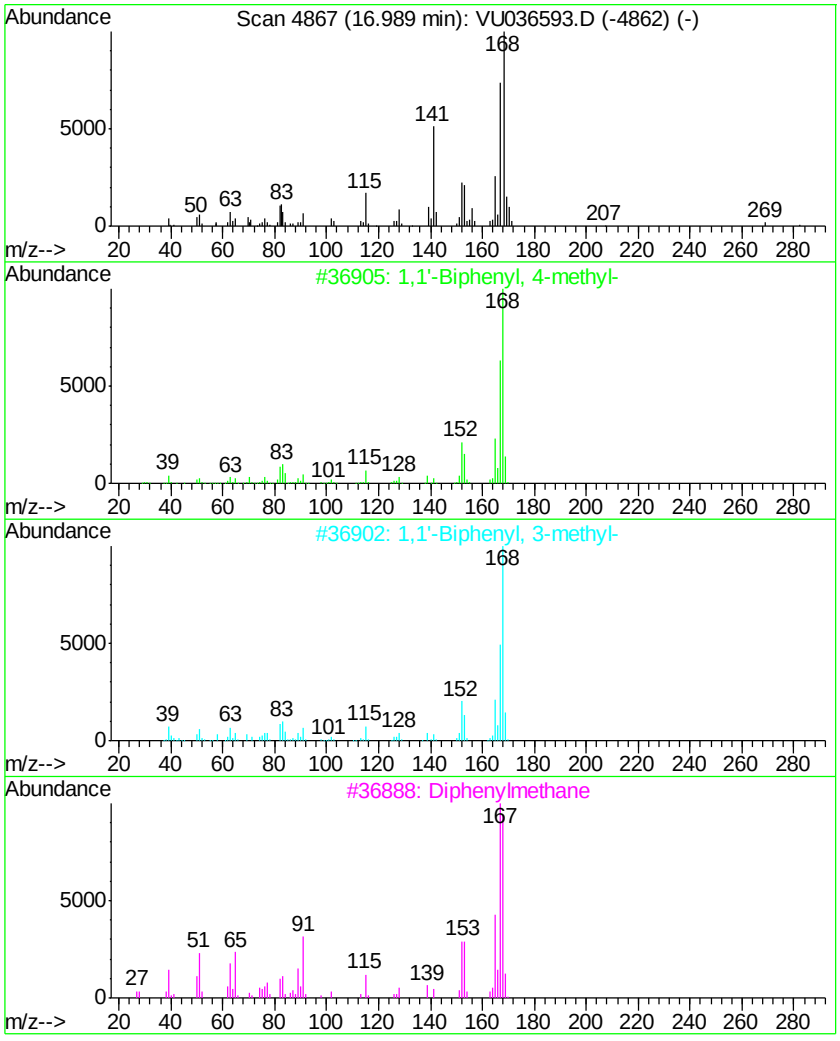
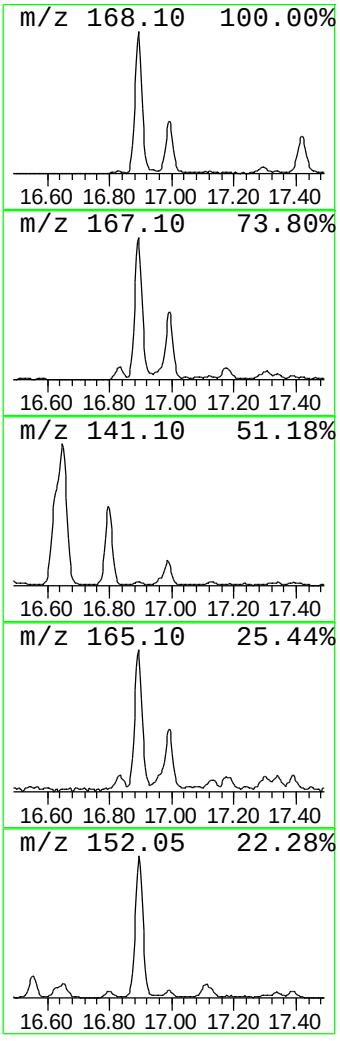
Peak Number 24 1,1'-Biphenyl, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	4.11 ug/L	74840	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	70
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	Diphenylmethane	168	C13H12	000101-81-5	62
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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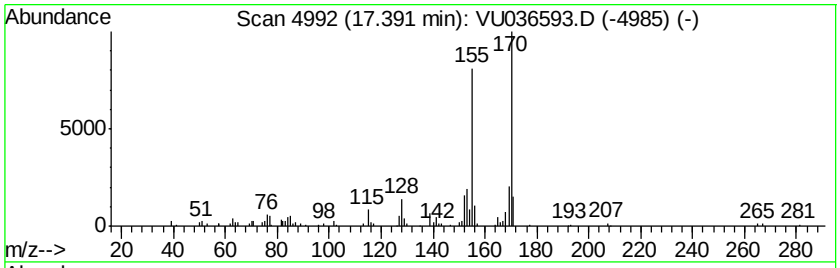
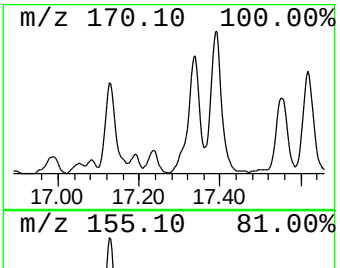
Peak Number 25 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	7.04 ug/L	128115	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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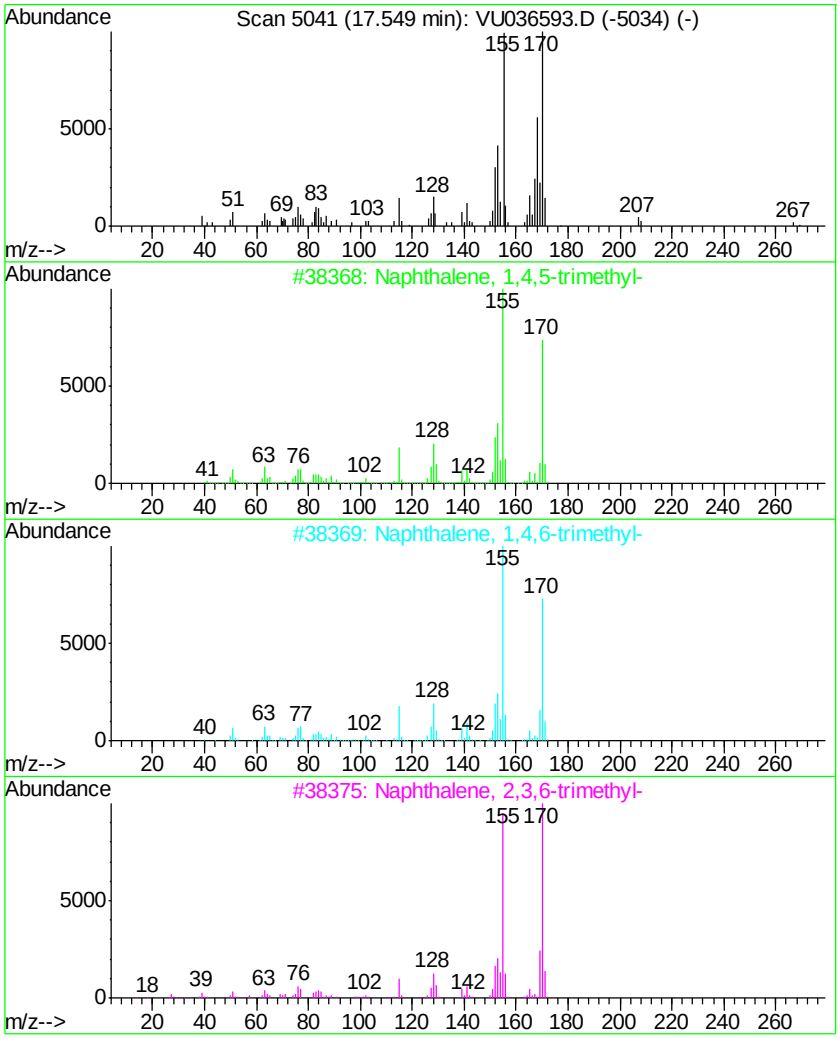
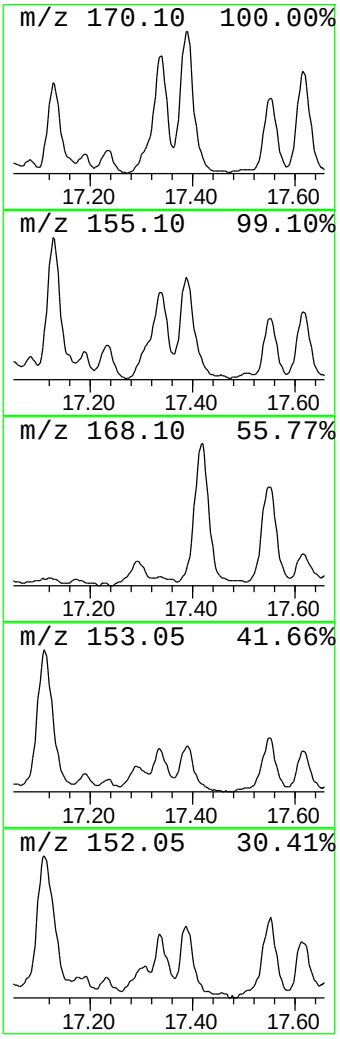
Peak Number 26 Naphthalene, 1,4,5-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	4.26 ug/L	77486	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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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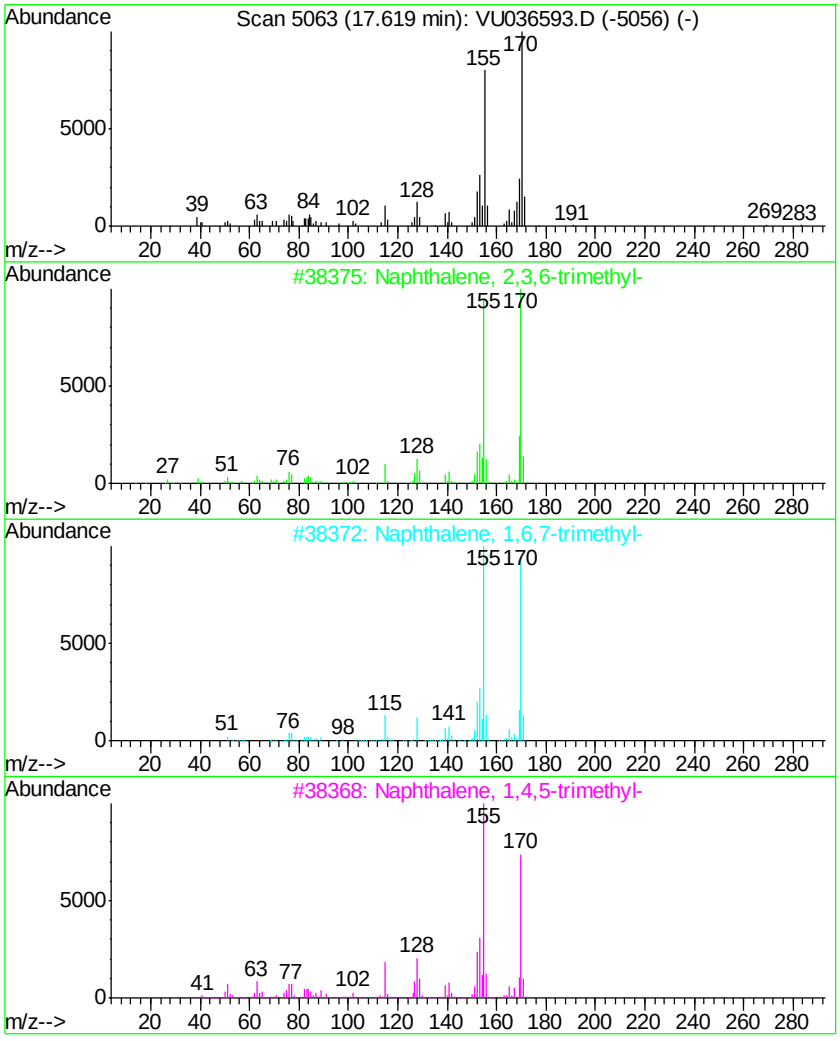
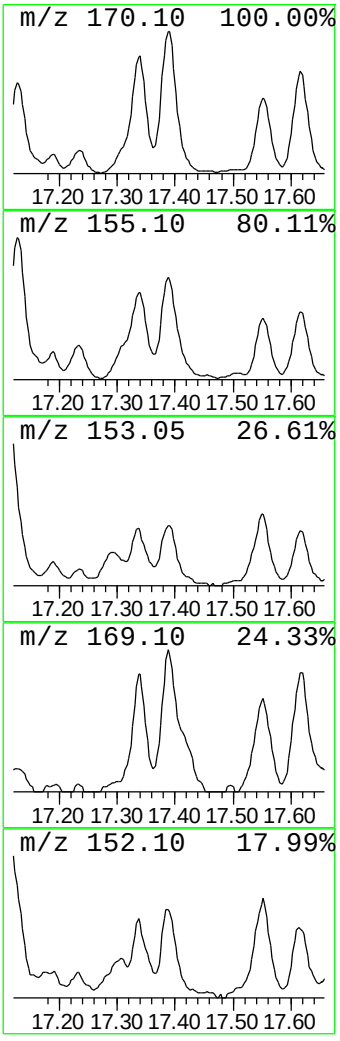
Peak Number 27 Naphthalene, 2,3,6-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	3.21 ug/L	58514	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	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT01

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
Mesitylene	11.11	3.7	ug/L	67491	3	11.83	910232	50.0
Benzene, 1,2,3-tr...	11.49	7.7	ug/L	140111	3	11.83	910232	50.0
Benzene, 1-etheny...	11.56	6.0	ug/L	108941	3	11.83	910232	50.0
Indene	12.34	13.1	ug/L	238220	3	11.83	910232	50.0
Benzene, 1-etheny...	12.76	6.9	ug/L	125528	3	11.83	910232	50.0
Benzene, 1,2,4,5-...	13.05	6.8	ug/L	123202	3	11.83	910232	50.0
(DEL) Alkane: Str...	13.45	18.5	ug/L	337082	3	11.83	910232	50.0
2-Methylindene	13.54	12.0	ug/L	219052	3	11.83	910232	50.0
Benzene, 1-butynyl-	13.65	21.7	ug/L	395376	3	11.83	910232	50.0
(DEL) Alkane: Str...	14.46	7.8	ug/L	141252	3	11.83	910232	50.0
Naphthalene, 1-me...	15.24	245.0	ug/L	4460320	3	11.83	910232	50.0
Naphthalene, 2-et...	16.16	12.7	ug/L	231361	3	11.83	910232	50.0
Naphthalene, 2,6-...	16.28	74.2	ug/L	1349840	3	11.83	910232	50.0
Naphthalene, 2,3-...	16.42	59.9	ug/L	1090410	3	11.83	910232	50.0
Naphthalene, 2-et...	16.55	6.6	ug/L	120812	3	11.83	910232	50.0
Naphthalene, 1,2-...	16.80	7.4	ug/L	134542	3	11.83	910232	50.0
Biphenylene	16.89	16.4	ug/L	299530	3	11.83	910232	50.0
1,1'-Biphenyl, 4-...	16.99	4.1	ug/L	74840	3	11.83	910232	50.0
Naphthalene, 1,6,...	17.39	7.0	ug/L	128115	3	11.83	910232	50.0
Naphthalene, 1,4,...	17.55	4.3	ug/L	77486	3	11.83	910232	50.0
Naphthalene, 2,3,...	17.62	3.2	ug/L	58514	3	11.83	910232	50.0