LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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	1.469	35	40	42	rBV2	4330	4318	0.01%	0.003%
2	1.610	77	84	96	rVB	100936	107388	0.16%	0.073%
3	1.887	165	170	180	rVB	34843	37149	0.06%	0.025%
4	2.437	339	341	350	rVB4	1324	1301	0.00%	0.001%
5	2.572	370	383	406	rBV	166656	269284	0.40%	0.184%
6	2.665	406	412	425	rVB3	2720	4271	0.01%	0.003%
7	3.073	531	539	545	rVB3	1295	1916	0.00%	0.001%
8	3.218	569	584	603	rBV2	12380	29060	0.04%	0.020%
9	3.864	780	785	790	rBB	176	241	0.00%	0.000%
10	3.993	822	825	830	rBV	169	228	0.00%	0.000%
11	4.398	943	951	957	rBV	176	395	0.00%	0.000%
12	4.472	967	974	976	rBV	157	249	0.00%	0.000%
13	4.597	1003	1013	1023	rBV	382	1184	0.00%	0.001%
14	4.684	1024	1040	1081	rVV2	63383	200083	0.30%	0.137%
15	5.105	1154	1171	1192	rBV	143018	320195	0.48%	0.219%
16	5.244	1211	1214	1217	rBV	205	201	0.00%	0.000%
17	5.327	1234	1240	1243	rBV3	538	577	0.00%	0.000%
18	5.408	1260	1265	1270	rVB	401	486	0.00%	0.000%
19	5.761	1353	1375	1393	rBV2	338523	856999	1.28%	0.586%
20	5.826	1393	1395	1398	rBV	324	179	0.00%	0.000%
21	6.025	1448	1457	1463	rBV3	750	990	0.00%	0.001%
22	6.285	1523	1538	1554	rVV	321236	603179	0.90%	0.412%
23	6.482	1594	1599	1602	rBV	196	214	0.00%	0.000%
24	6.559	1613	1623	1634	rBV2	9110	16043	0.02%	0.011%
25	6.633	1641	1646	1647	rBV2	765	600	0.00%	0.000%
26	6.726	1660	1675	1694	rBV	198477	381867	0.57%	0.261%
27	6.842	1705	1711	1716	rVB3	597	654	0.00%	0.000%
28	7.150	1801	1807	1809	rBV	193	231	0.00%	0.000%
29	7.170	1809	1813	1816	rVV2	257	277	0.00%	0.000%
30	7.215	1820	1827	1836	rVV3	1900	2855	0.00%	0.002%
31	7.305	1852	1855	1857	rBV3	254	177	0.00%	0.000%
32	7.363	1870	1873	1876	rBV	184	162	0.00%	0.000%
33	7.597	1932	1946	1967	rVB	114908	200897	0.30%	0.137%
34	7.681	1967	1972	1977	rBV2	264	430	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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	7.716	1977	1983	1991	rVB2	875	1465	0.00%	0.001%
36	7.819	2008	2015	2023	rBV3	1086	1764	0.00%	0.001%
37	7.928	2034	2049	2063	rBV	435463	748818	1.12%	0.512%
38	7.999	2063	2071	2087	rVB3	5485	12807	0.02%	0.009%
39	8.211	2124	2137	2155	rBV	79454	135760	0.20%	0.093%
40	8.285	2155	2160	2163	rBV2	389	310	0.00%	0.000%
41	8.581	2236	2252	2267	rBV	330325	551446	0.83%	0.377%
42	8.671	2267	2280	2306	rVB	310166	539857	0.81%	0.369%
43	9.292	2470	2473	2477	rBV	220	242	0.00%	0.000%
44	9.446	2507	2521	2537	rBV	461363	769196	1.15%	0.526%
45	9.578	2560	2562	2563	rVV	336	171	0.00%	0.000%
46	9.594	2563	2567	2576	rVV2	935	1274	0.00%	0.001%
47	9.719	2595	2606	2615	rVB	8256	12272	0.02%	0.008%
48	10.137	2724	2736	2748	rBV4	10337	19127	0.03%	0.013%
49	10.356	2800	2804	2807	rVB	289	160	0.00%	0.000%
50	10.552	2860	2865	2868	rVB2	333	214	0.00%	0.000%
51	10.649	2892	2895	2901	rVB2	302	187	0.00%	0.000%
52	10.735	2915	2922	2924	rBV2	616	610	0.00%	0.000%
53	10.784	2924	2937	2952	rBV	320041	514281	0.77%	0.351%
54	11.308	3095	3100	3101	rBV3	1223	836	0.00%	0.001%
55	11.411	3130	3132	3137	rBV3	203	198	0.00%	0.000%
56	11.488	3142	3156	3167	rBV	30603	47246	0.07%	0.032%
57	11.559	3167	3178	3186	rBV	68703	104920	0.16%	0.072%
58	11.607	3186	3193	3203	rVB	25801	37557	0.06%	0.026%
59	11.755	3233	3239	3248	rVB2	3733	6029	0.01%	0.004%
60	11.835	3251	3264	3279	rVB	554352	869811	1.30%	0.594%
61	11.915	3279	3289	3297	rBV	29544	43996	0.07%	0.030%
62	11.967	3297	3305	3316	rBV	35765	56265	0.08%	0.038%
63	12.214	3373	3382	3403	rVB	548043	919725	1.38%	0.629%
64	12.333	3408	3419	3434	rVB	753038	1188249	1.78%	0.812%
65	12.488	3459	3467	3469	rBV	11808	14879	0.02%	0.010%
66	12.558	3482	3489	3493	rBV2	22691	31819	0.05%	0.022%
67	12.645	3507	3516	3529	rBV2	35261	68476	0.10%	0.047%
68	12.764	3543	3553	3564	rVB	175231	270351	0.40%	0.185%
69	12.825	3564	3572	3584	rBV2	41567	63676	0.10%	0.044%
70	12.941	3603	3608	3615	rBV2	13723	17793	0.03%	0.012%
71	12.989	3616	3623	3631	rVB	48021	66810	0.10%	0.046%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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	13.047	3631	3641	3653	rBV4	197374	397928	0.60%	0.272%
73	13.169	3669	3679	3688	rBV	170390	294742	0.44%	0.201%
74	13.311	3714	3723	3734	rVB3	54765	87941	0.13%	0.060%
75	13.407	3747	3753	3759	rBV4	27275	40273	0.06%	0.028%
76	13.465	3760	3771	3783	rVV4	269071	514940	0.77%	0.352%
77	13.536	3784	3793	3803	rVB	403483	611102	0.92%	0.418%
78	13.645	3816	3827	3839	rVB	743081	1233755	1.85%	0.843%
79	13.713	3842	3848	3852	rBV	38141	49982	0.07%	0.034%
80	13.857	3887	3893	3899	rBV4	31902	47281	0.07%	0.032%
81	14.121	3957	3975	3991	rVB2	33386650	66776641	100.00%	45.634%
82	14.227	3999	4008	4025	rVB	475037	777043	1.16%	0.531%
83	14.690	4145	4152	4162	rBV4	94501	159541	0.24%	0.109%
84	15.185	4299	4306	4311	rBV	126737	181124	0.27%	0.124%
85	15.246	4311	4325	4349	rVB	17874858	29894030	44.77%	20.429%
86	15.356	4352	4359	4367	rVV	99466	154996	0.23%	0.106%
87	15.430	4369	4382	4403	rVB	10960373	17618037	26.38%	12.040%
88	15.967	4538	4549	4559	rBV	1904310	2884773	4.32%	1.971%
89	16.160	4602	4609	4616	rBV	385802	511585	0.77%	0.350%
90	16.275	4633	4645	4668	rBV	1889326	3385490	5.07%	2.314%
91	16.423	4679	4691	4698	rBV	2434744	3974944	5.95%	2.716%
92	16.552	4721	4731	4743	rBV	417328	659015	0.99%	0.450%
93	16.648	4744	4761	4782	rVB2	546905	1512993	2.27%	1.034%
94	16.796	4797	4807	4824	rBV	308016	519685	0.78%	0.355%
95	16.896	4826	4838	4852	rBV	1707586	2800254	4.19%	1.914%
96	16.989	4861	4867	4878	rVB2	113607	172988	0.26%	0.118%
97	17.108	4896	4904	4917	rVB2	182047	333403	0.50%	0.228%
98	17.388	4984	4991	4997	rBV	105195	165235	0.25%	0.113%
99	17.549	5033	5041	5052	rVB2	147197	251389	0.38%	0.172%
100	17.616	5054	5062	5071	rVV	95792	156400	0.23%	0.107%

Sum of corrected areas: 146330387

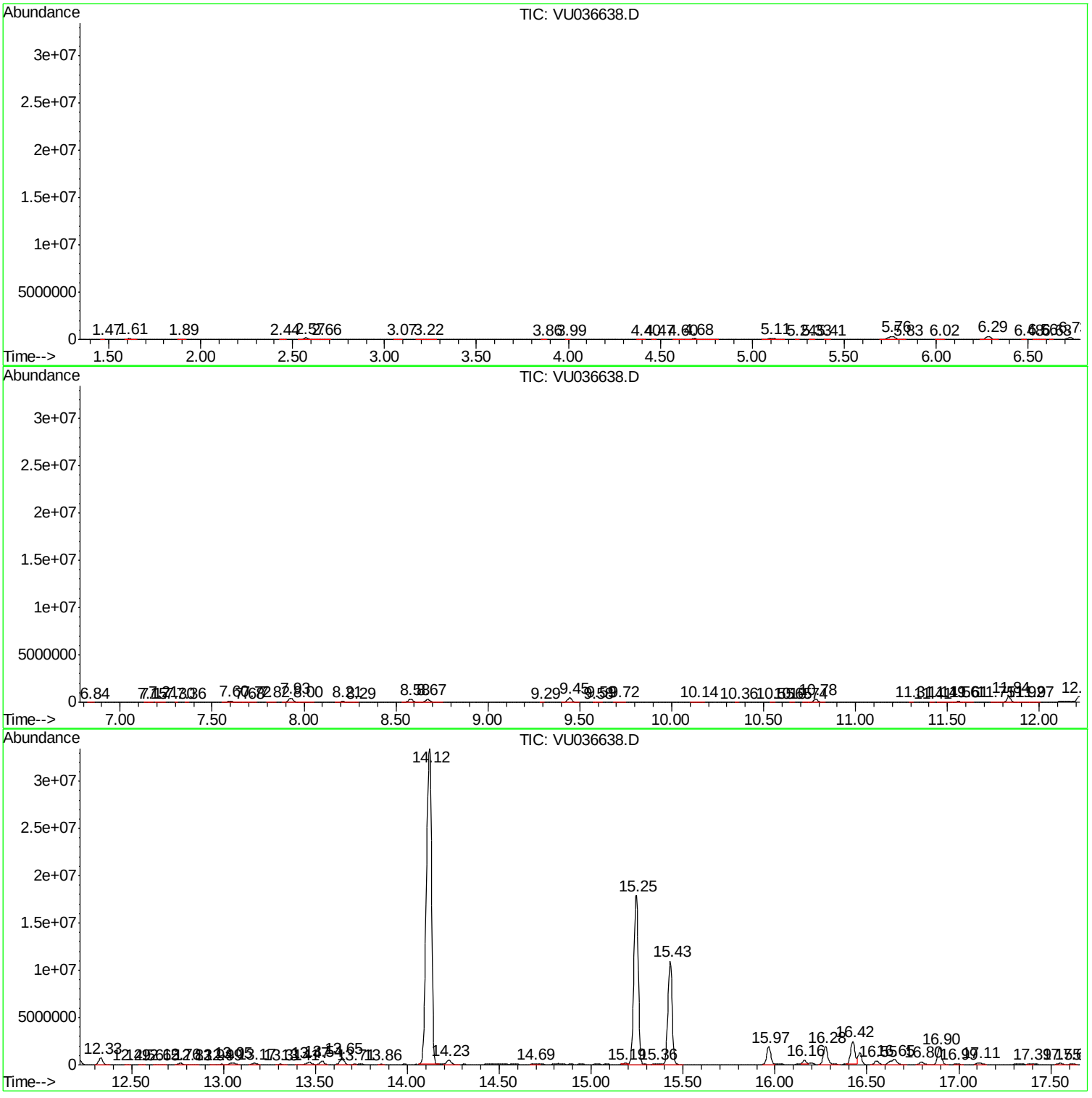
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT62

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\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

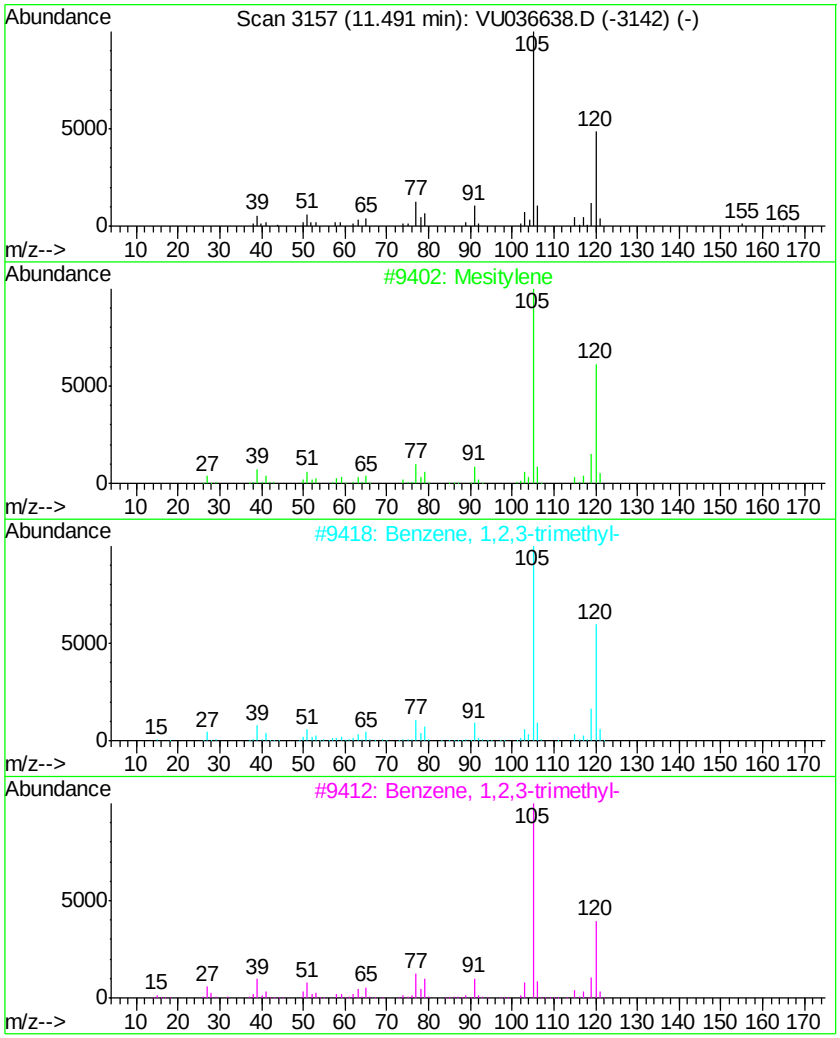
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

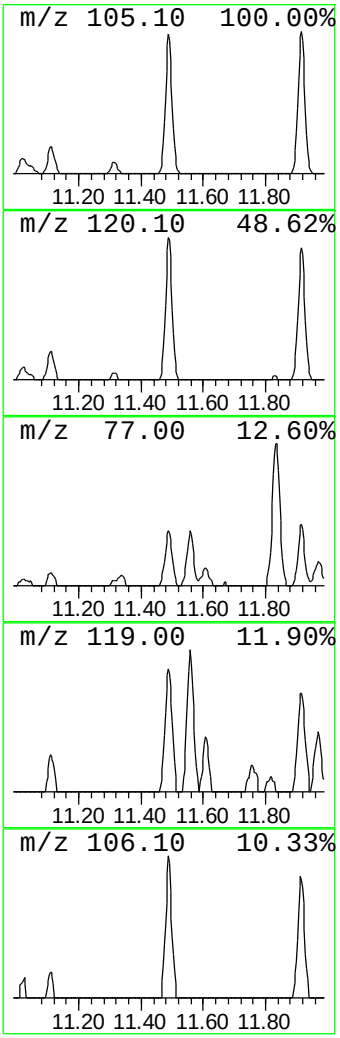
****

Peak Number 2 Mesitylene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.72 ug/L	47246	1,4-Dichlorobenzene-d4	11.84

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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

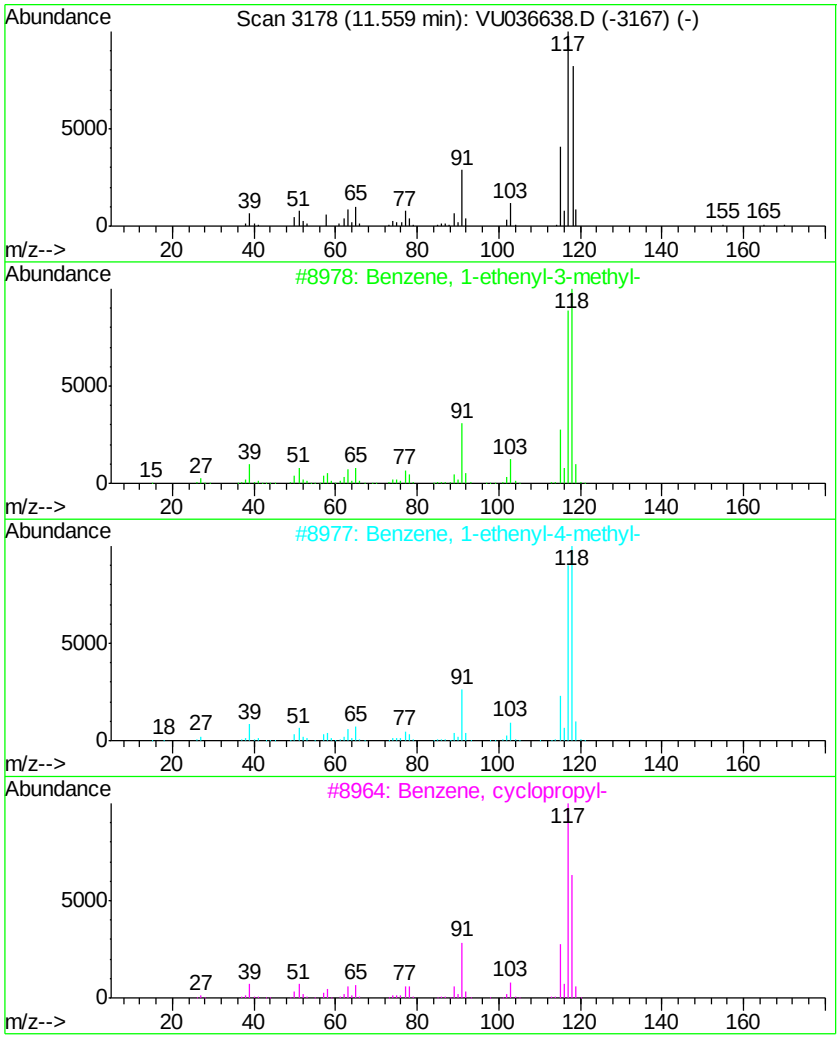
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

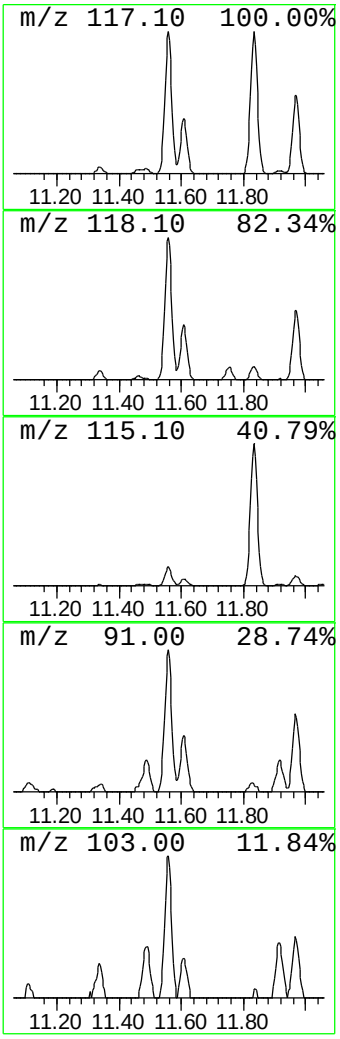
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	6.03 ug/L	104920	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

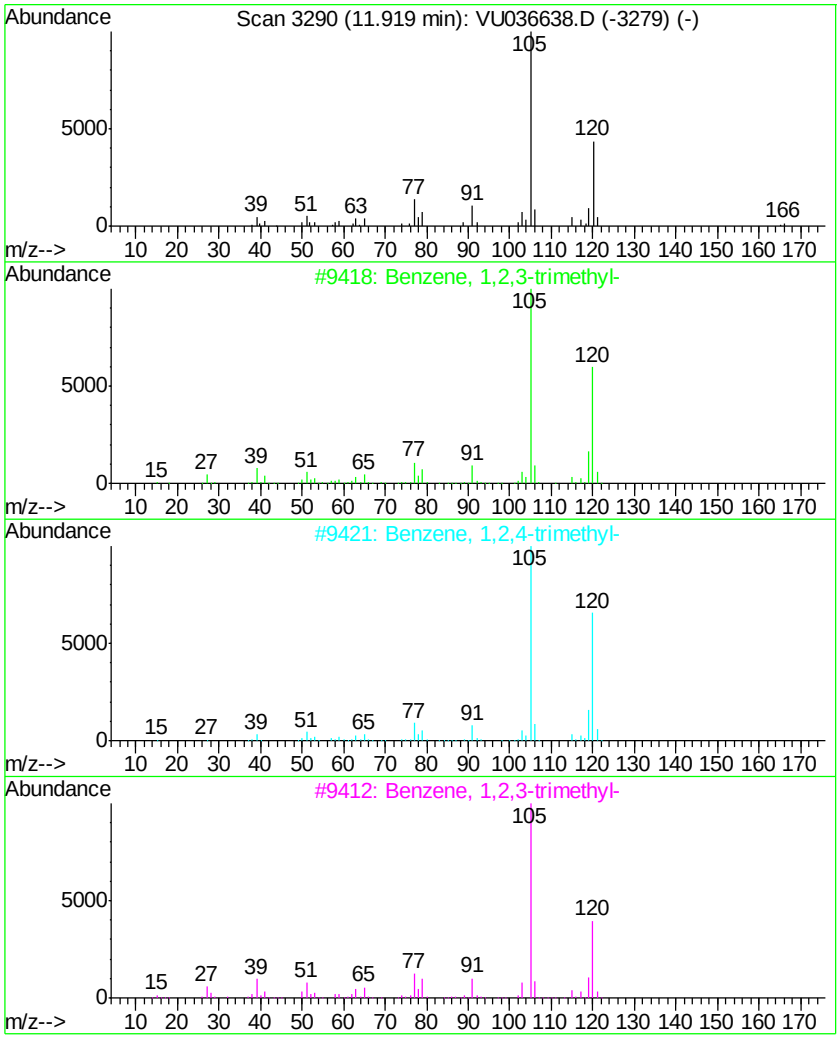
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

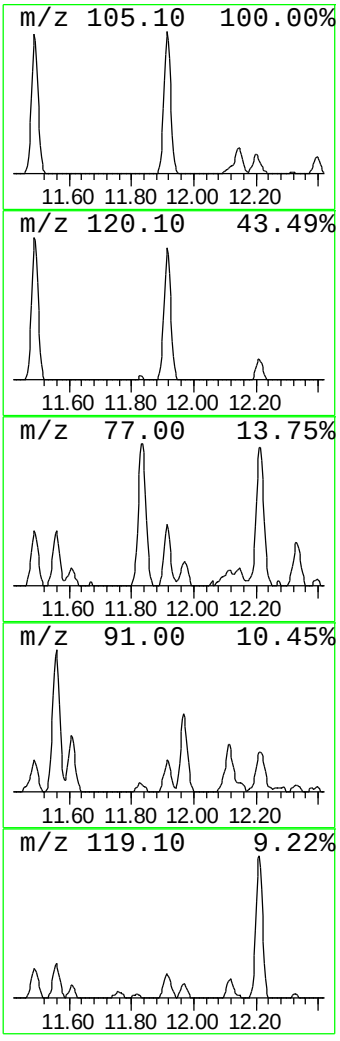
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.53 ug/L	43996	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	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_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

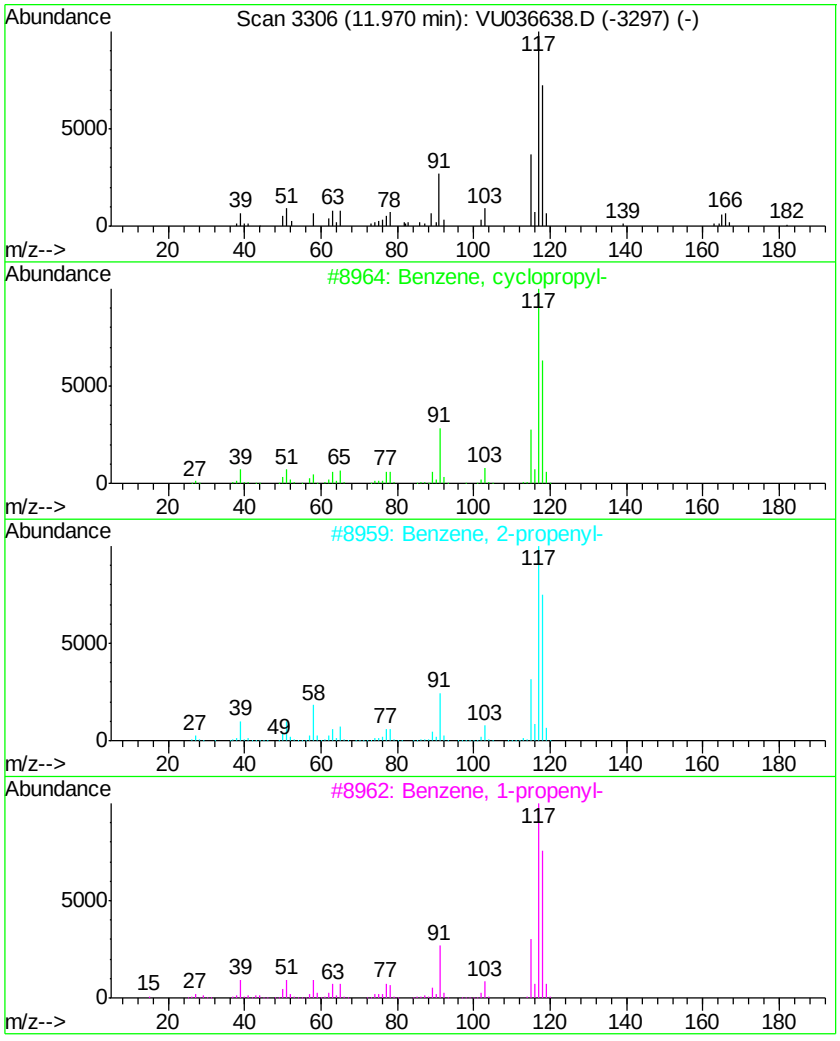
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

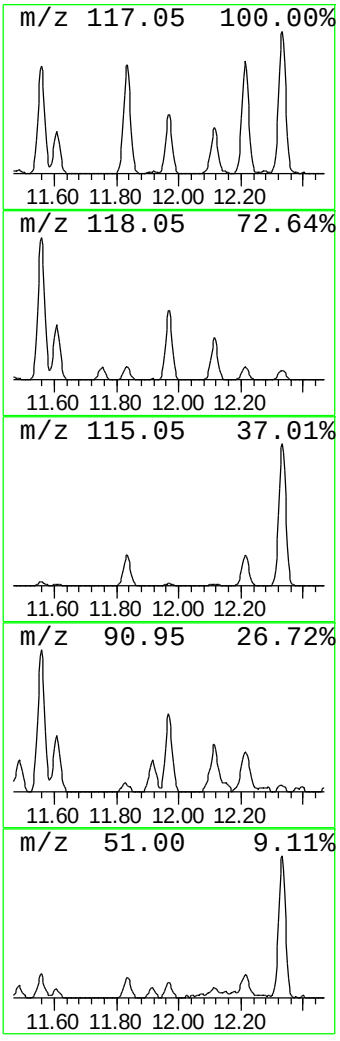
****

Peak Number 5 Benzene, cyclopropyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.23 ug/L	56265	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	90
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

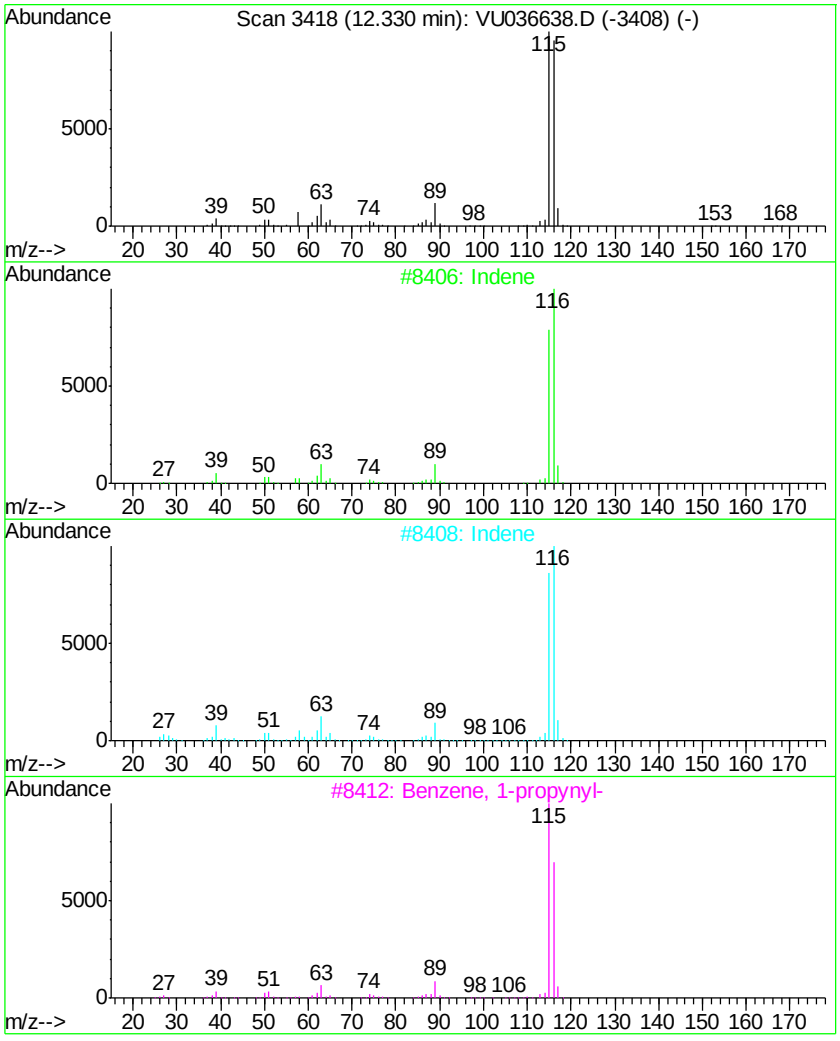
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

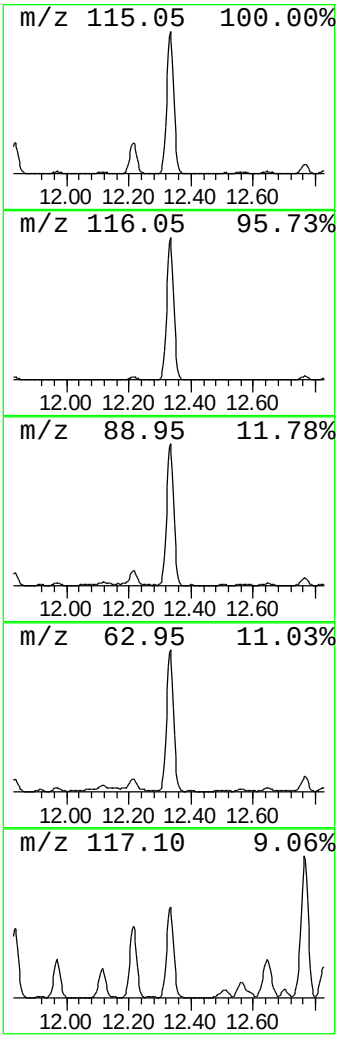
****

Peak Number 6 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	68.31 ug/L	1188250	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

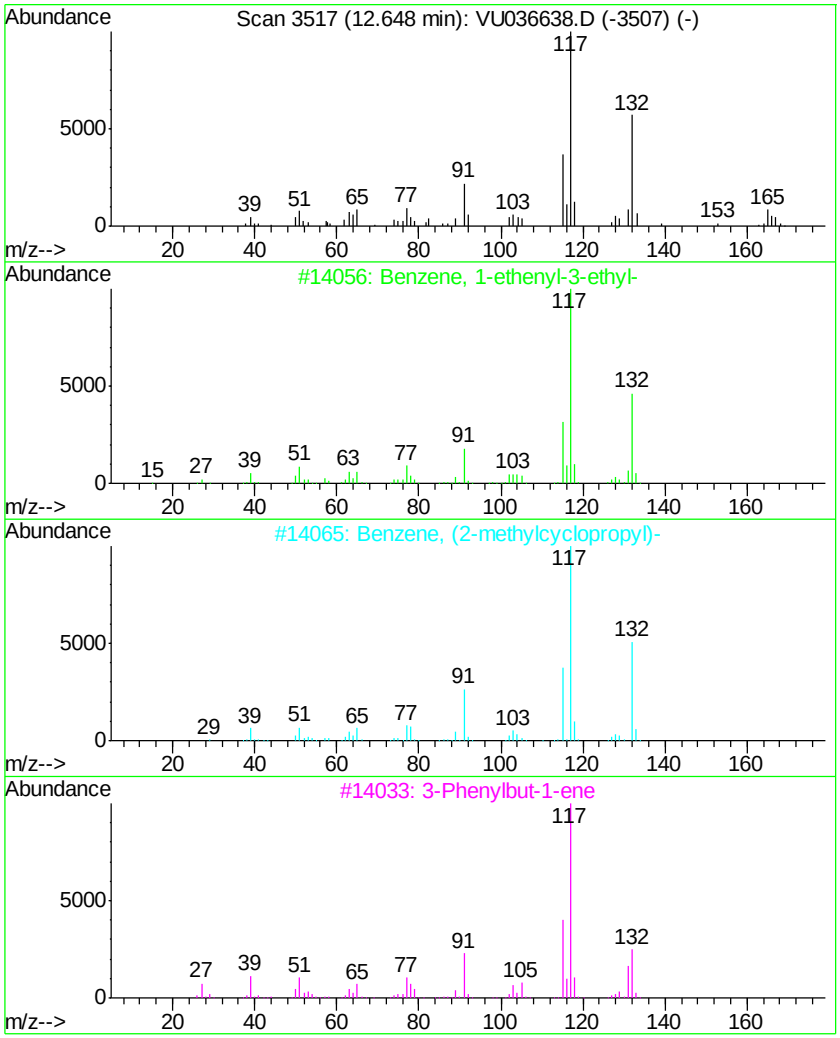
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

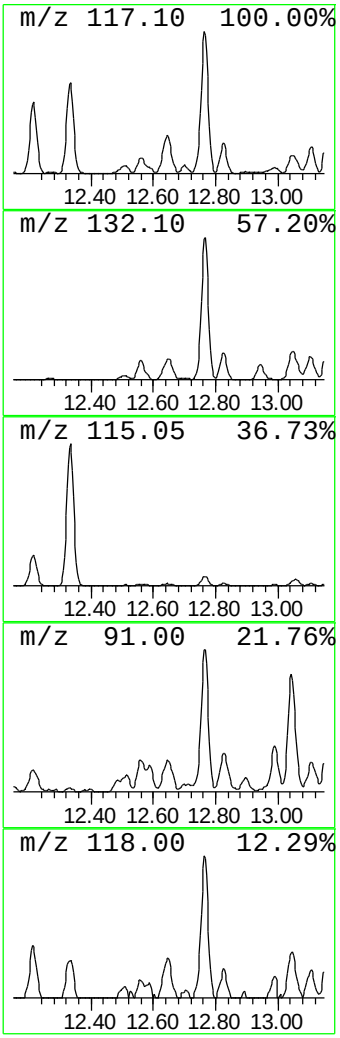
****

Peak Number 7 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	3.94 ug/L	68476	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	96
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86





Library Search Compound Report

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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

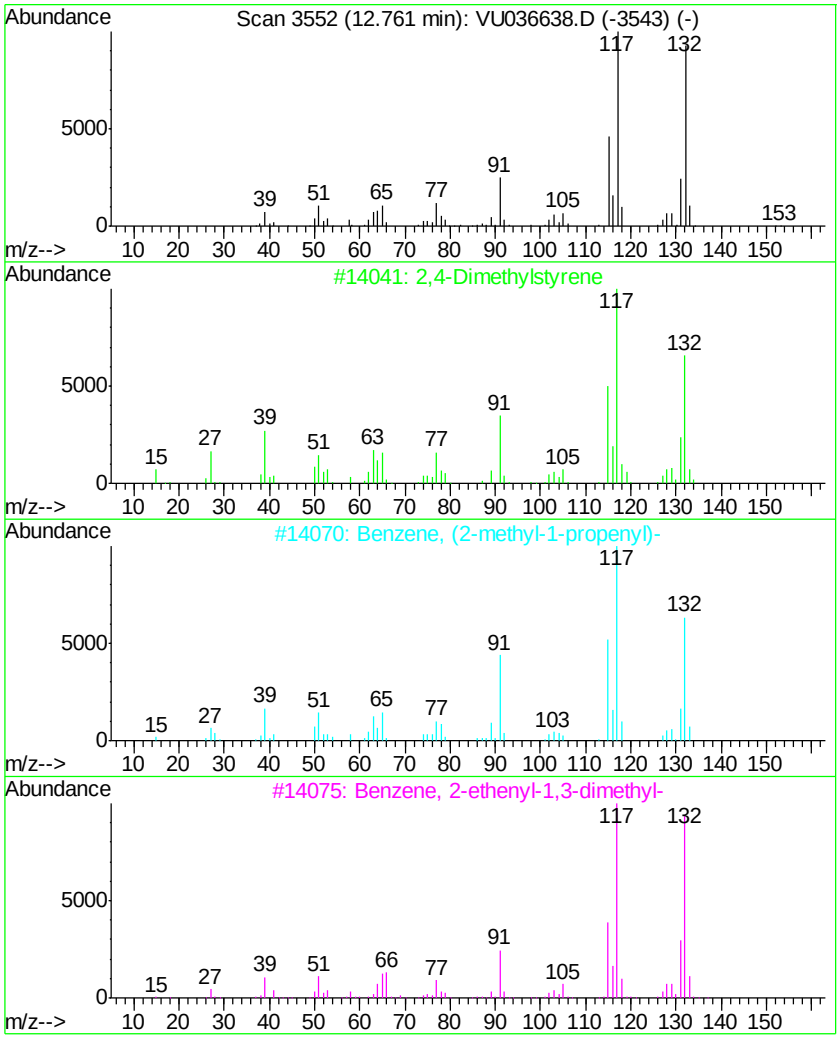
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

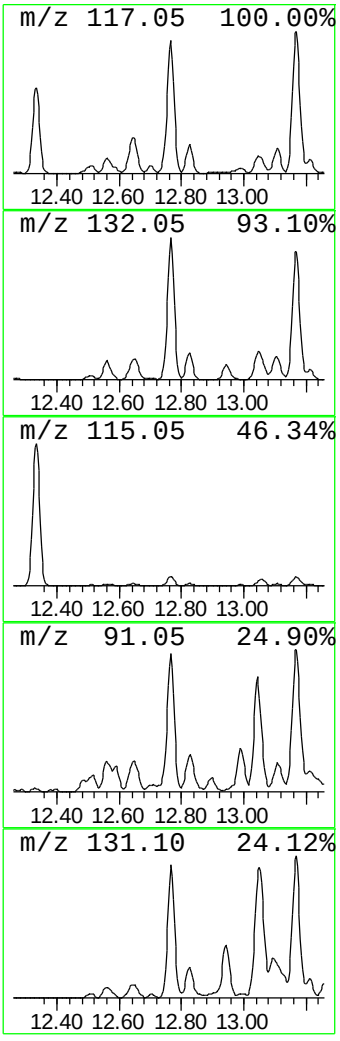
****

Peak Number 8 2,4-Dimethylstyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	15.54 ug/L	270351	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	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	95





Library Search Compound Report

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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

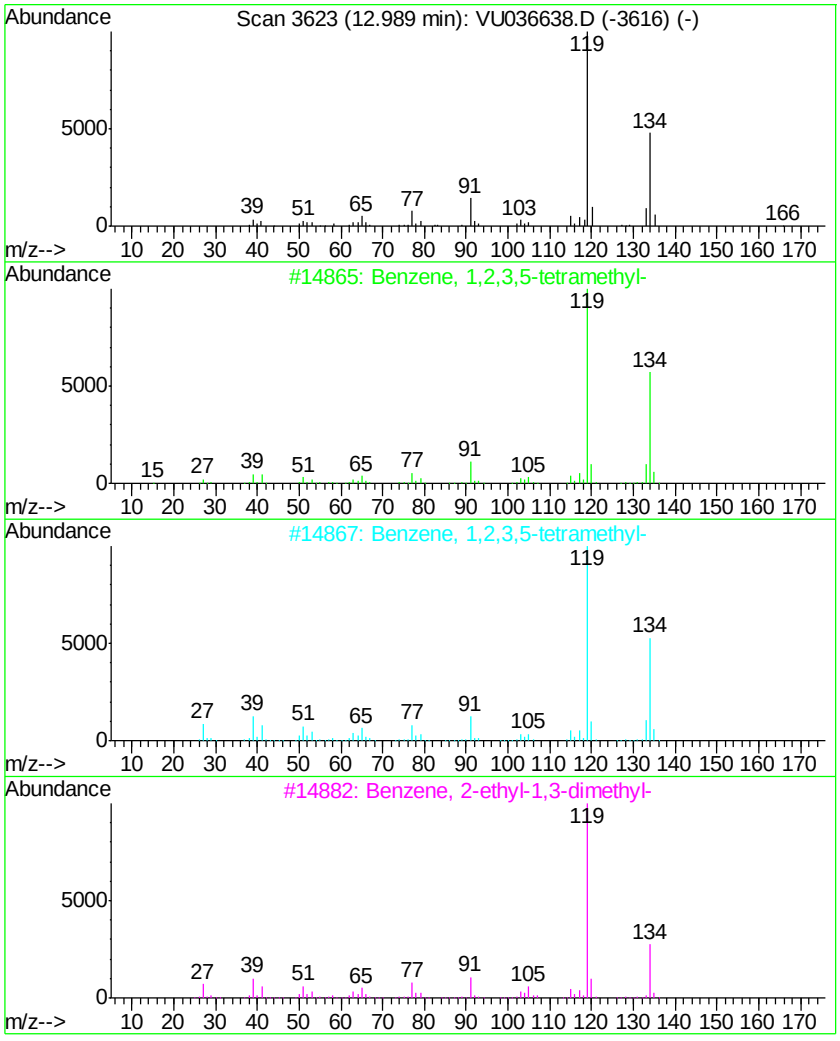
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

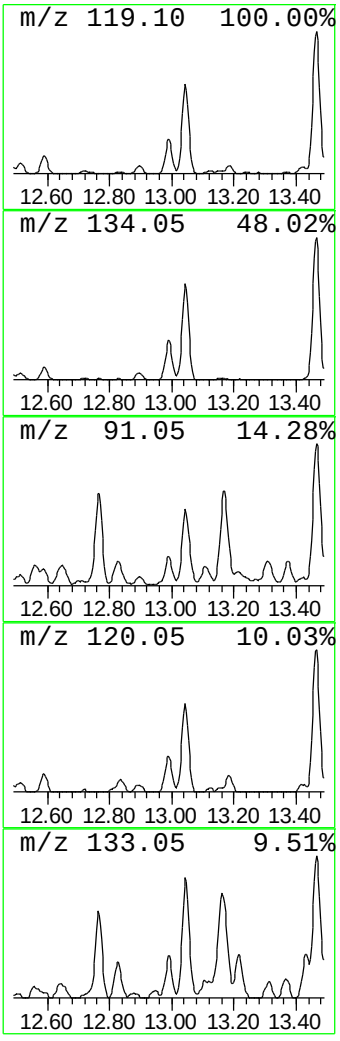
****

Peak Number 10 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	3.84 ug/L	66810	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

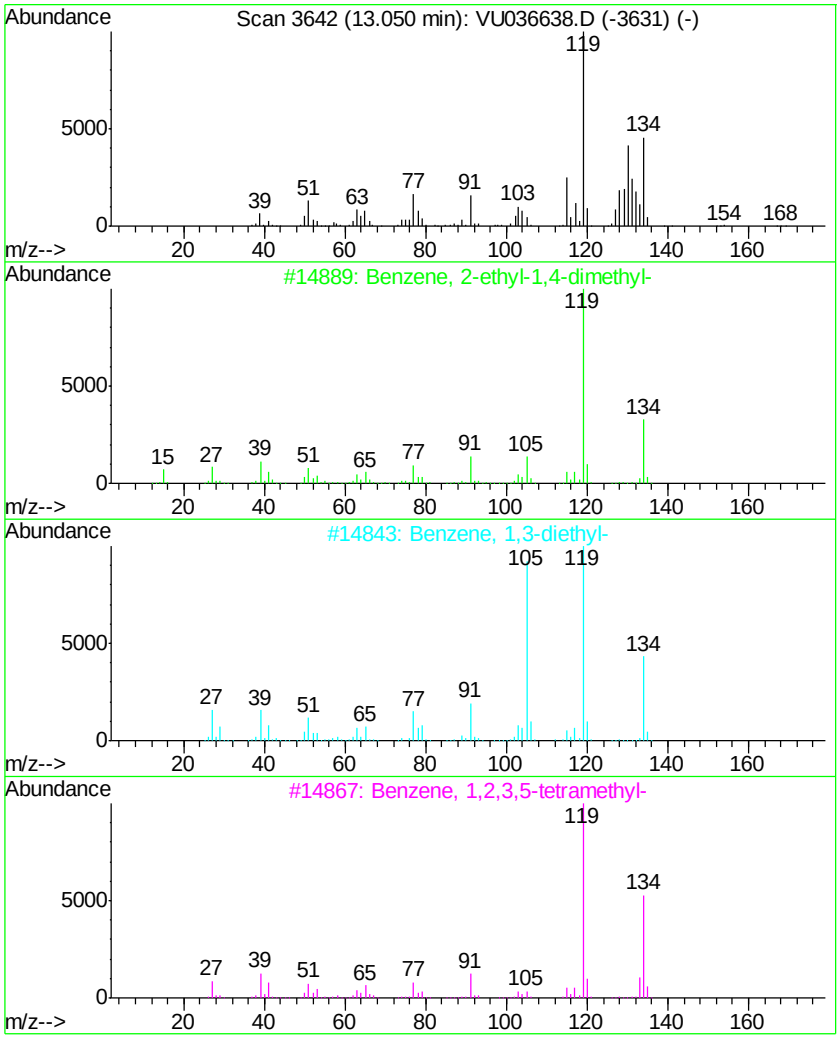
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

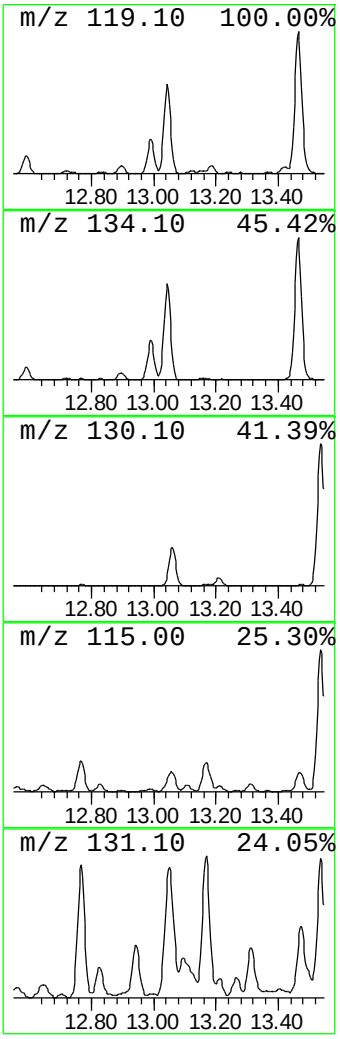
****

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	22.87 ug/L	397928	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





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Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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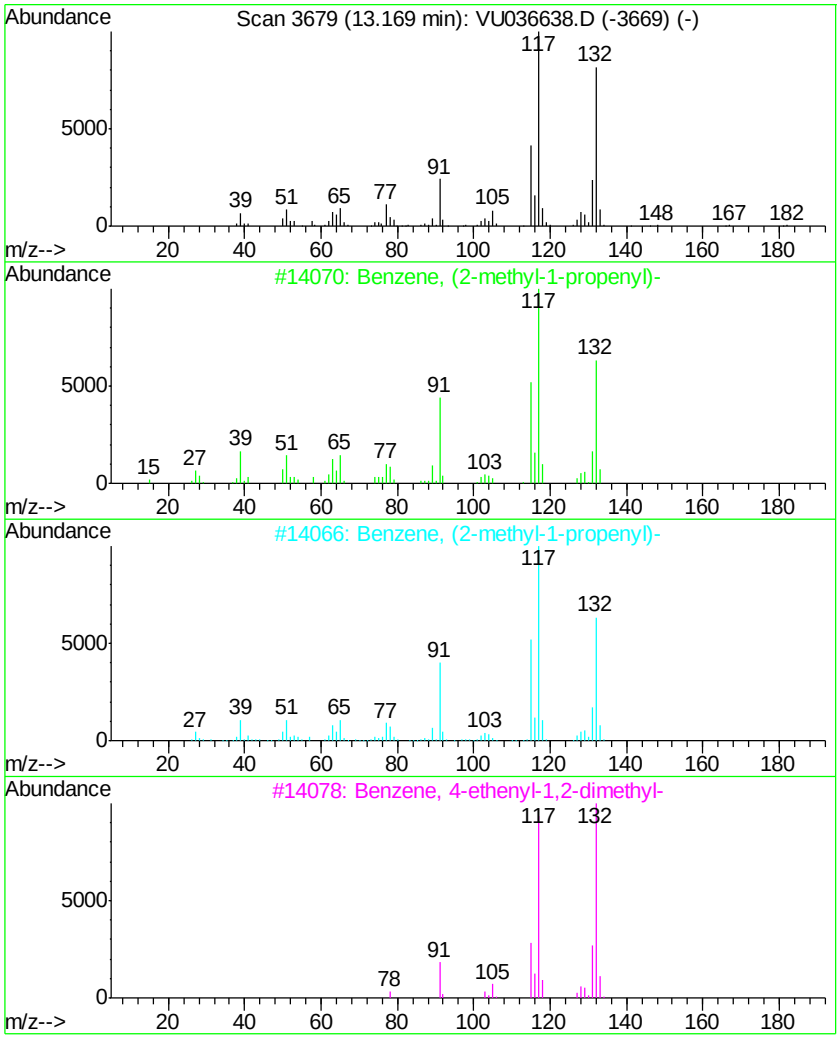
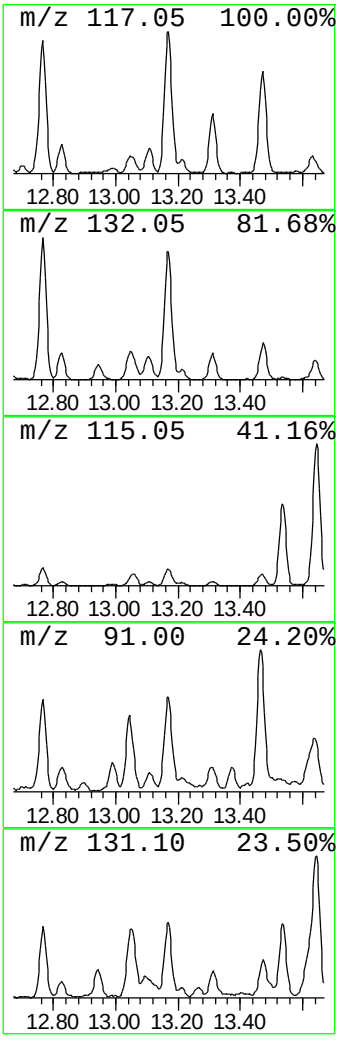
Peak Number 12 Benzene, (2-methyl-1-propen... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	16.94 ug/L	294742	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95





Library Search Compound Report

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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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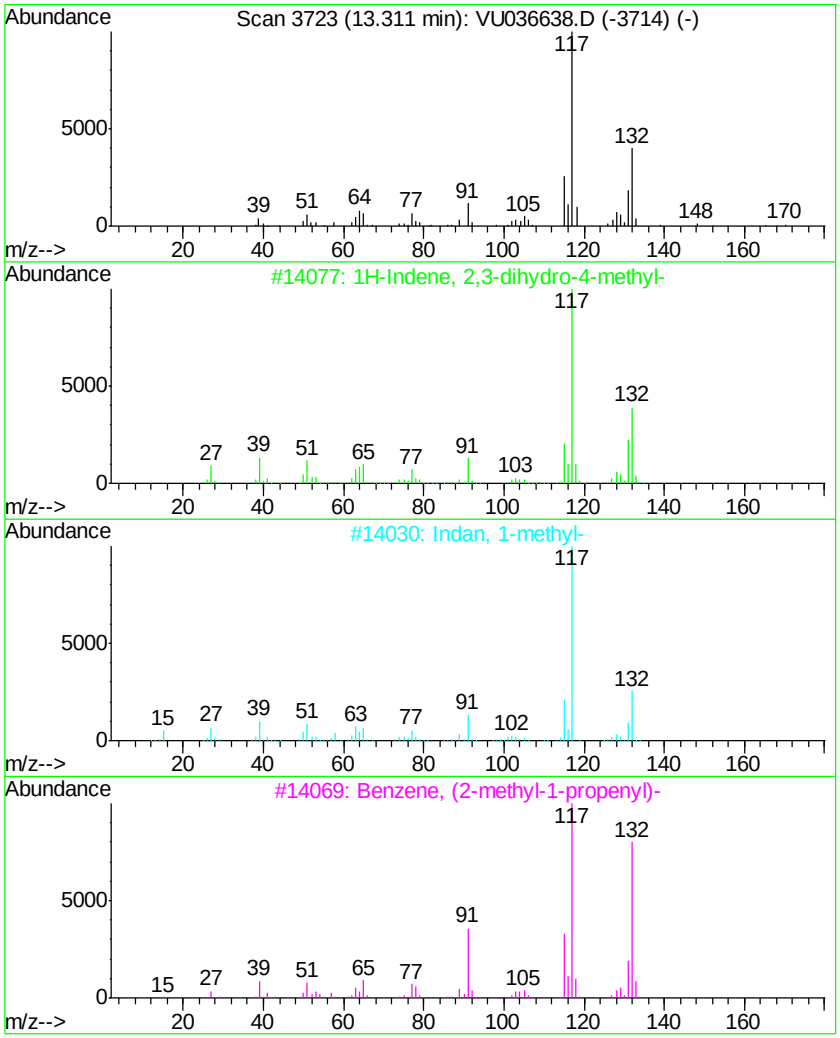
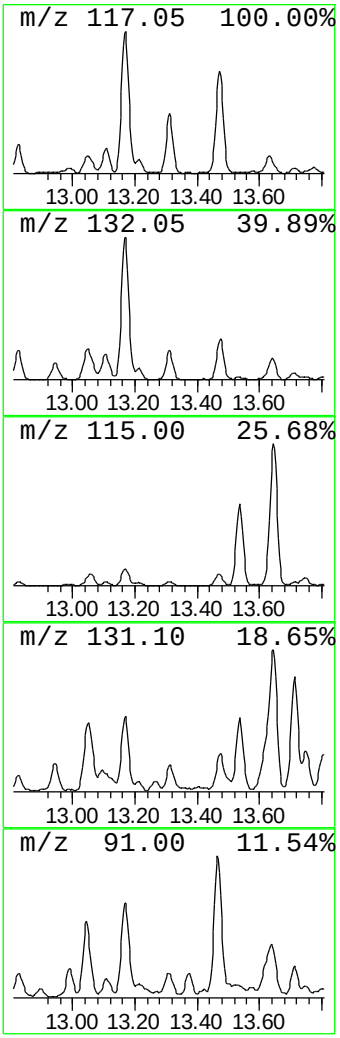
Peak Number 13 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	5.06 ug/L	87941	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	Indan, 1-methyl-	132	C10H12	000767-58-8	91
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
5	Indan, 1-methyl-	132	C10H12	000767-58-8	90





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Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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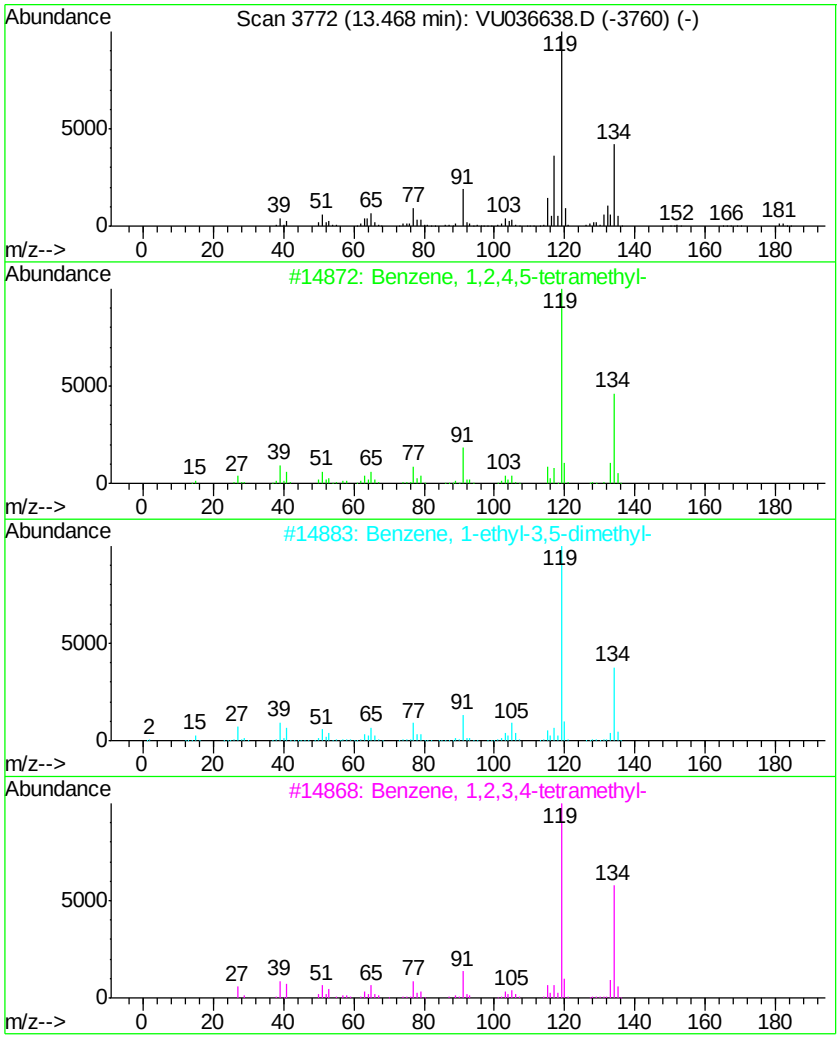
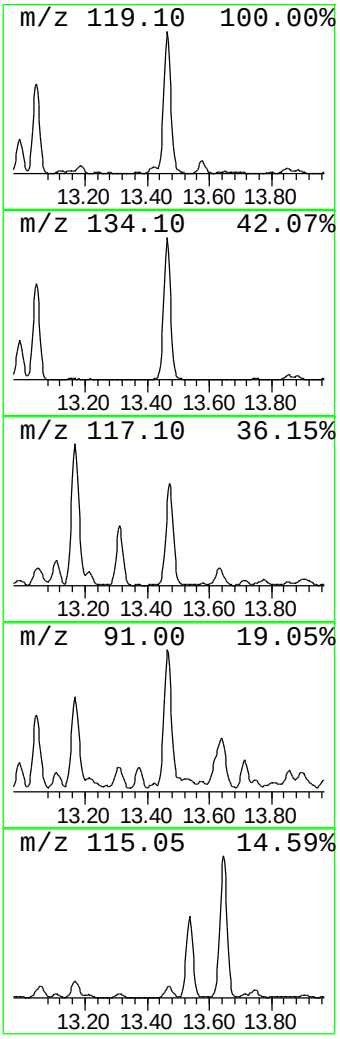
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	29.60 ug/L	514940	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	o-Cymene	134	C10H14	000527-84-4	87





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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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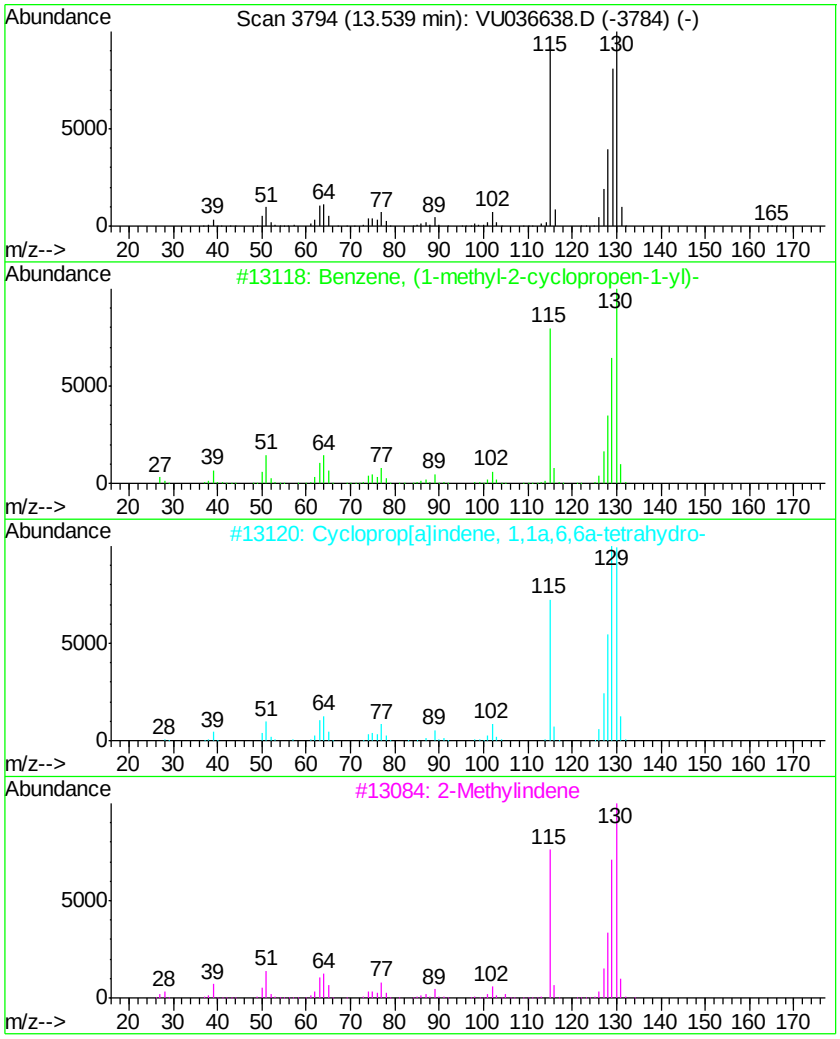
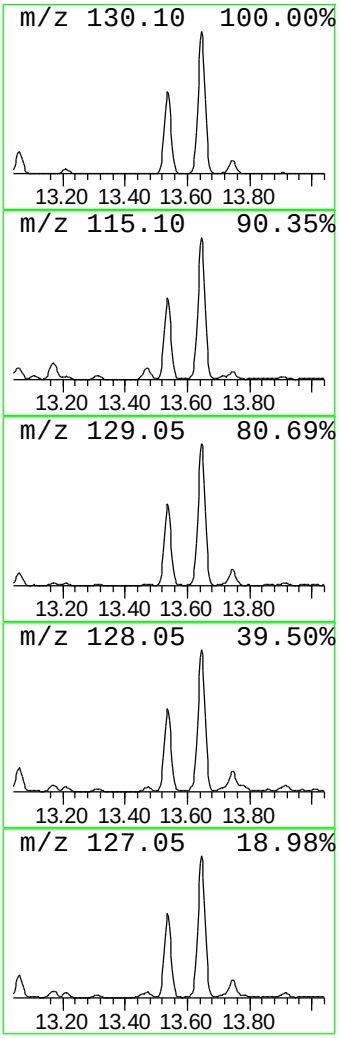
Peak Number 15 Benzene, (1-methyl-2-cyclop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	35.13 ug/L	611102	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3	2-Methylindene	130	C10H10	002177-47-1	94
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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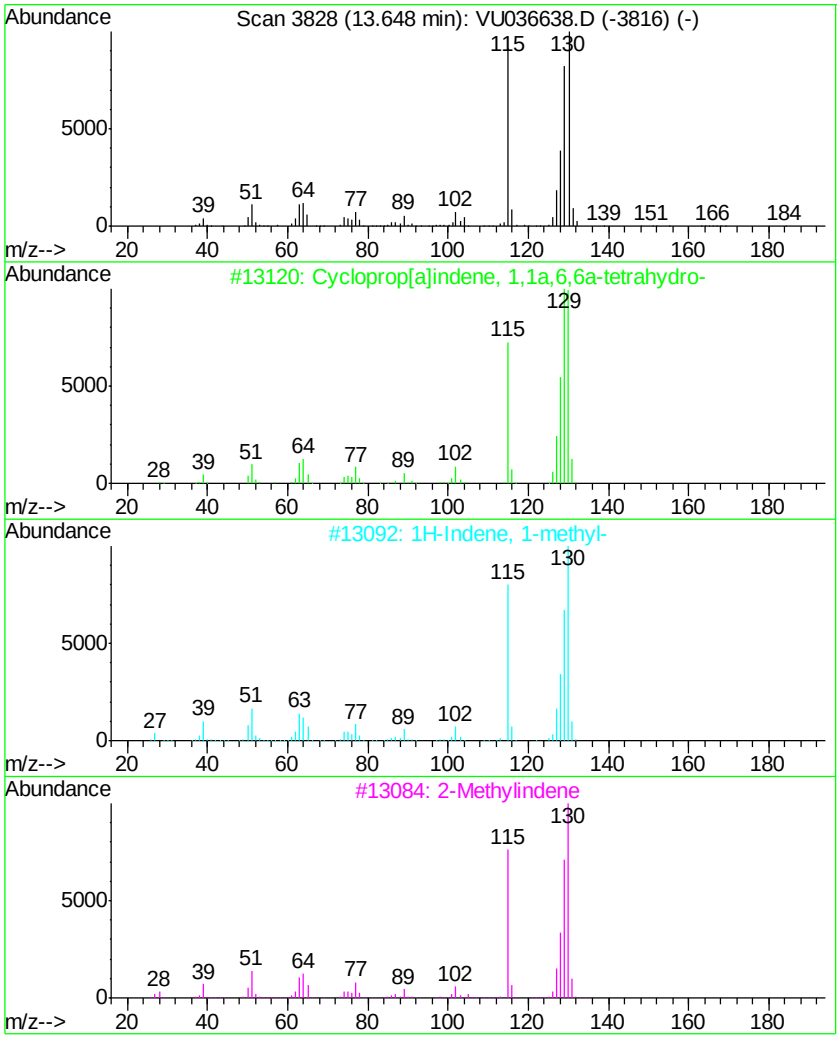
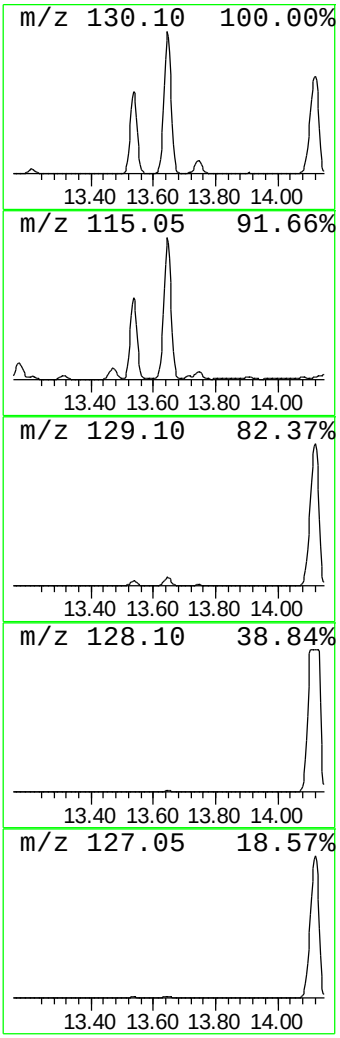
Peak Number 16 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	70.92 ug/L	1233760	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3	2-Methylindene	130	C10H10	002177-47-1	94
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





Library Search Compound Report

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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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 Benzene, 1-methyl-4-(1-meth... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.87 ug/L	49982	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
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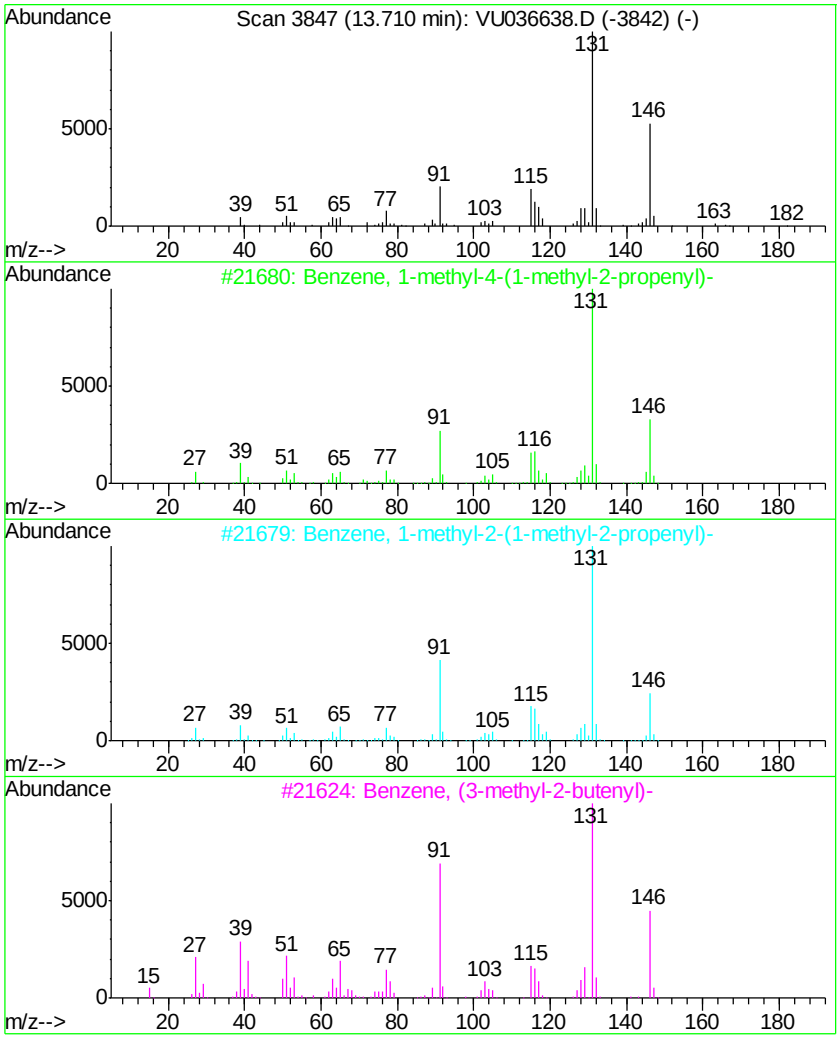

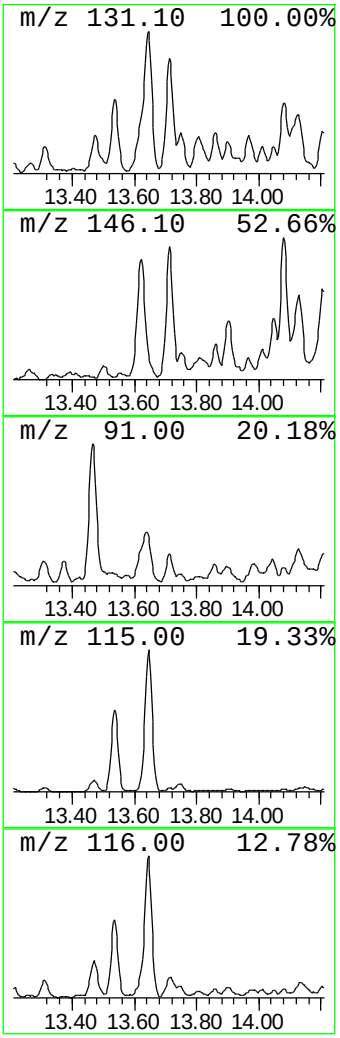

Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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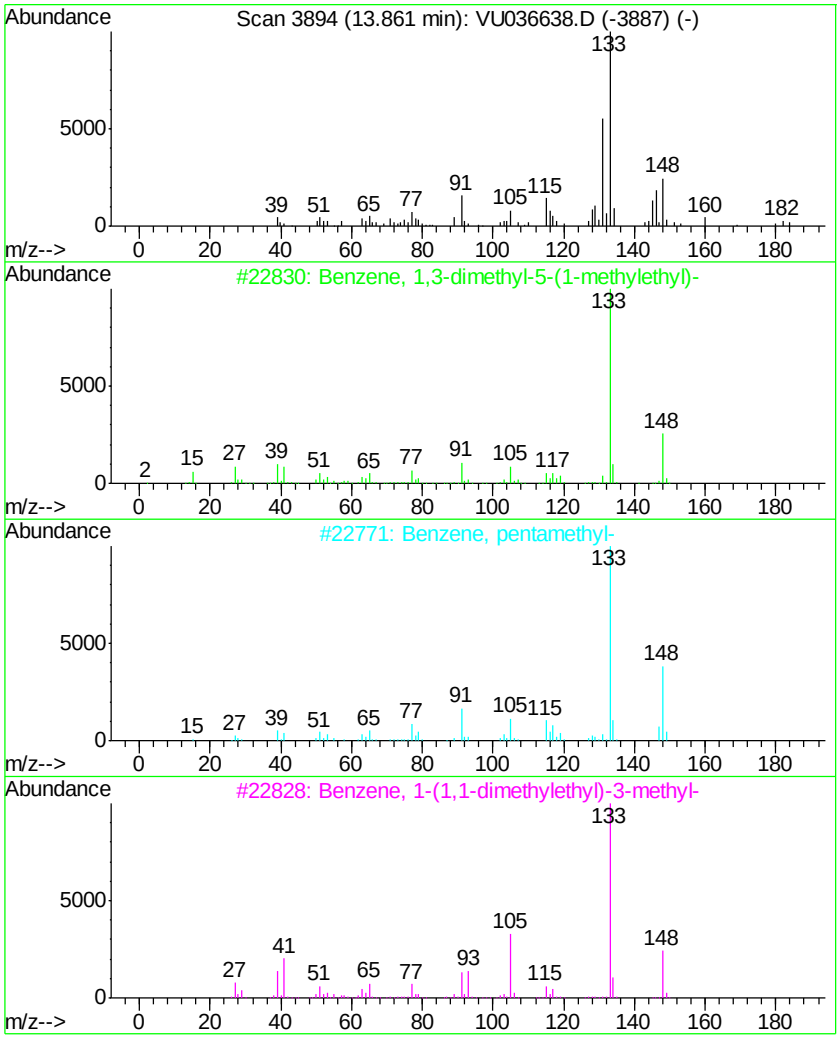
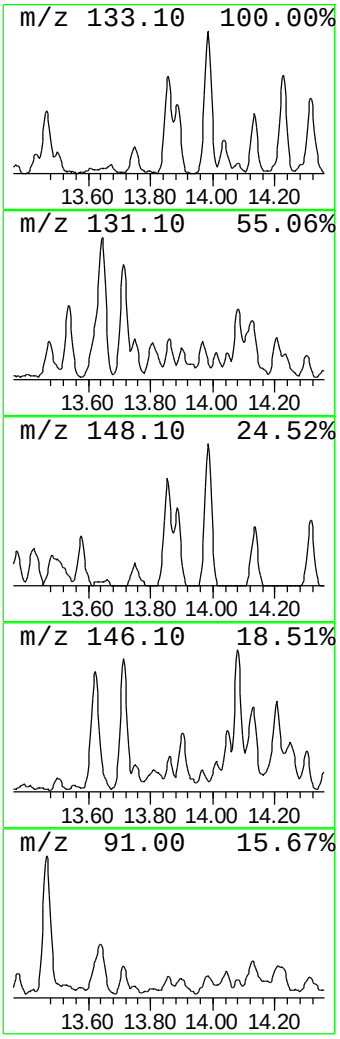
Peak Number 18 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.72 ug/L	47281	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	53
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	53
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

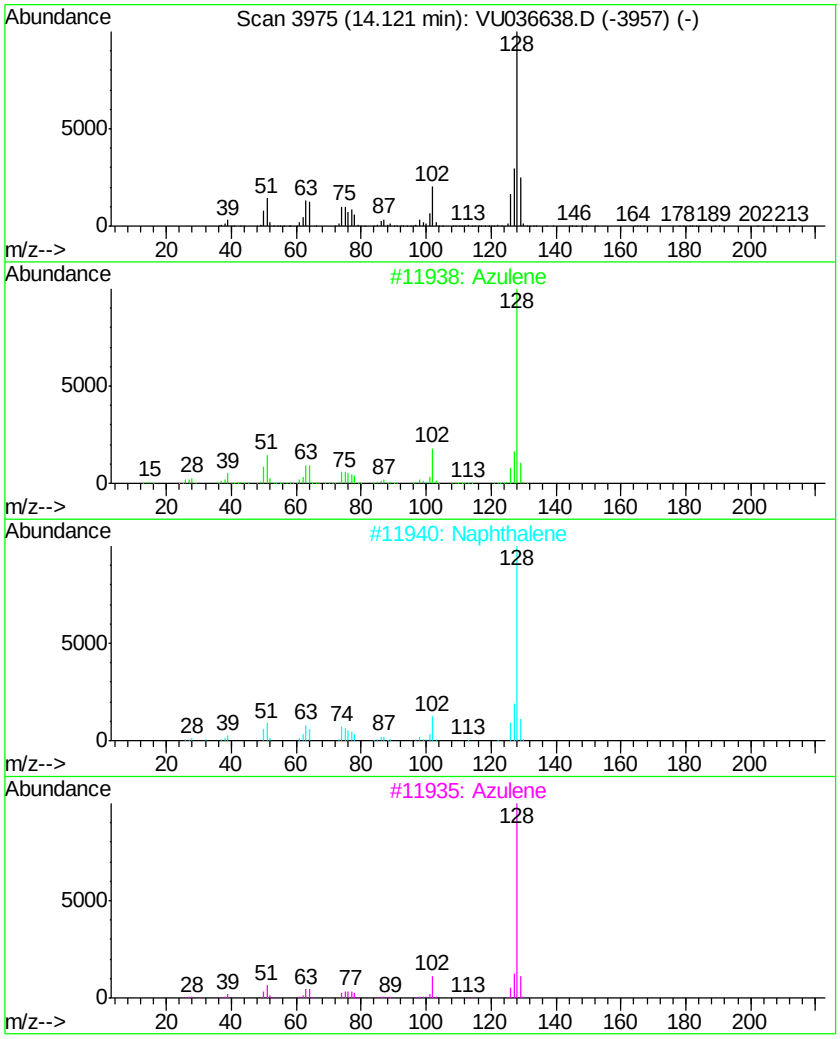
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

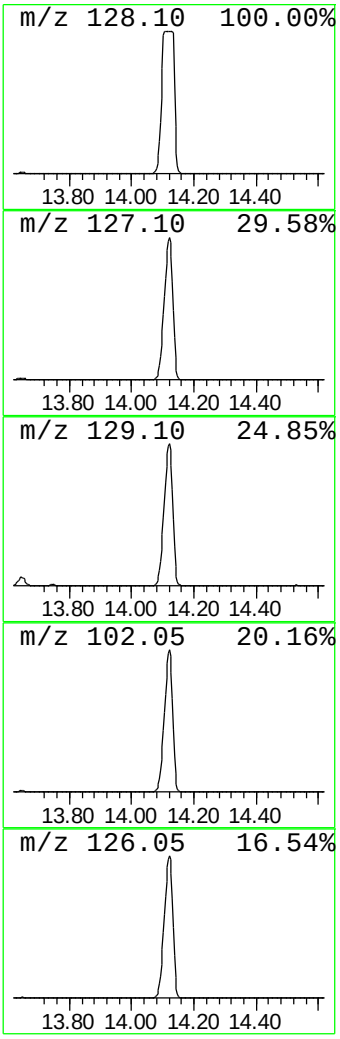
****

Peak Number 19 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3838.57 ug/L	66776600	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	93
2	Naphthalene	128	C10H8	000091-20-3	87
3	Azulene	128	C10H8	000275-51-4	87
4	Naphthalene	128	C10H8	000091-20-3	87
5	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

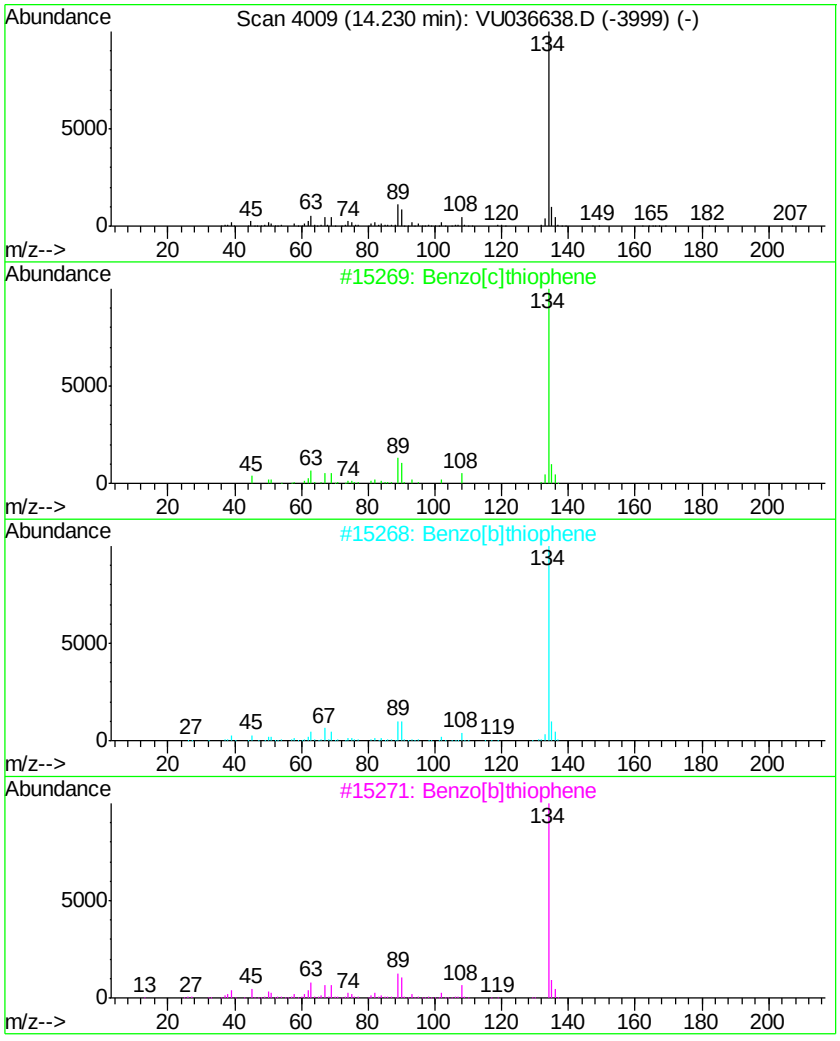
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

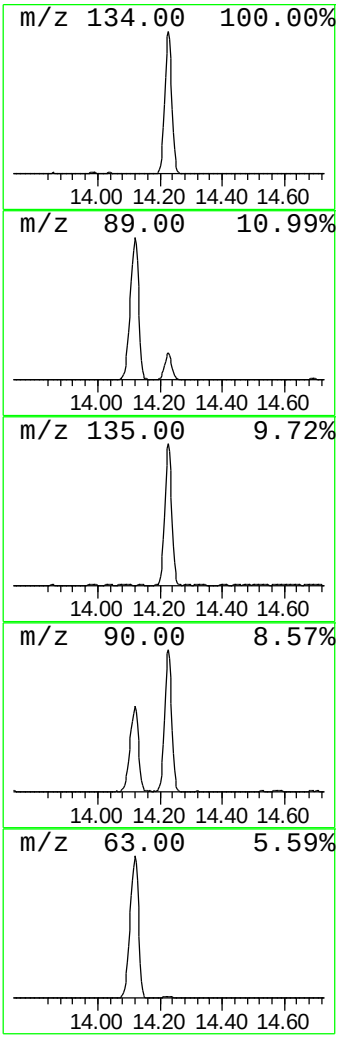
****

Peak Number 20 Benzo[c]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	44.67 ug/L	777043	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94





Library Search Compound Report

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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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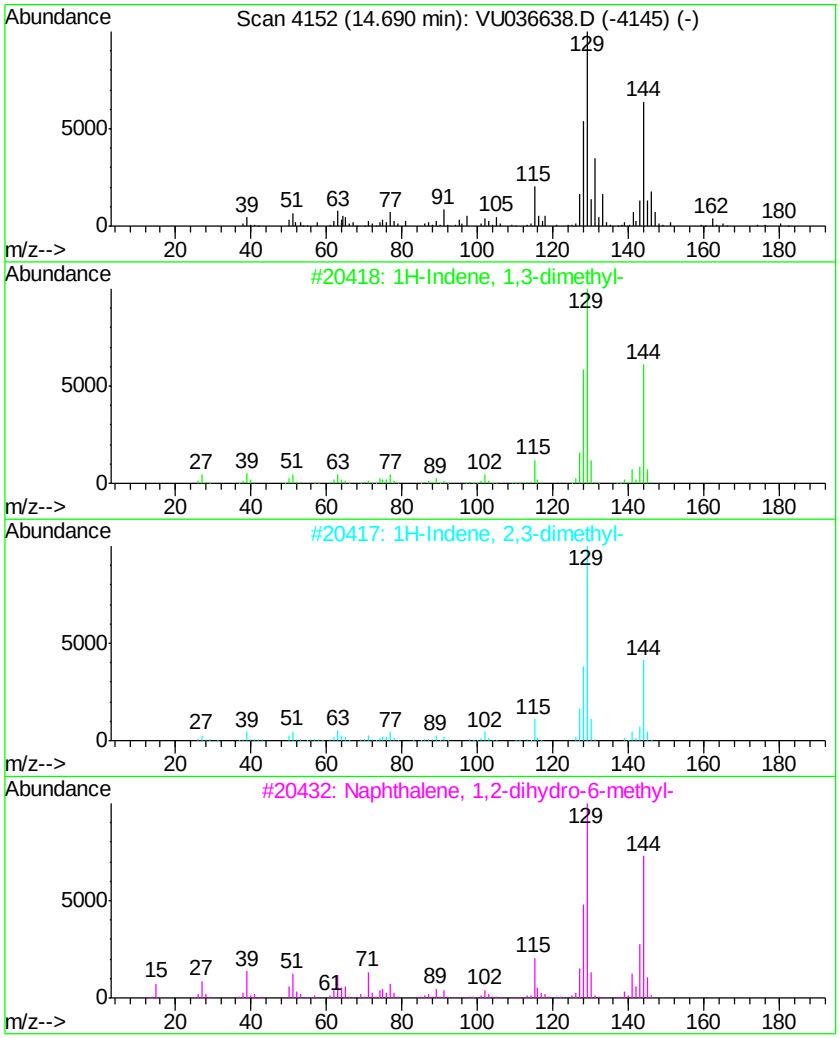
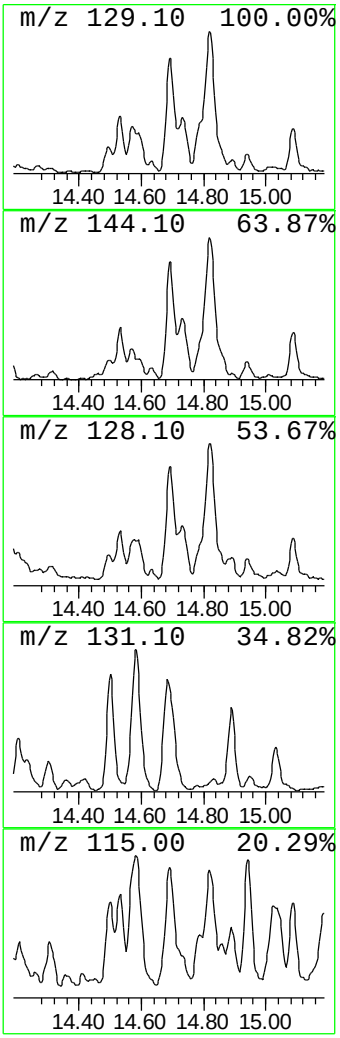
Peak Number 21 1H-Indene, 1,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	9.17 ug/L	159541	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
3	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	90
4	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	89
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	81





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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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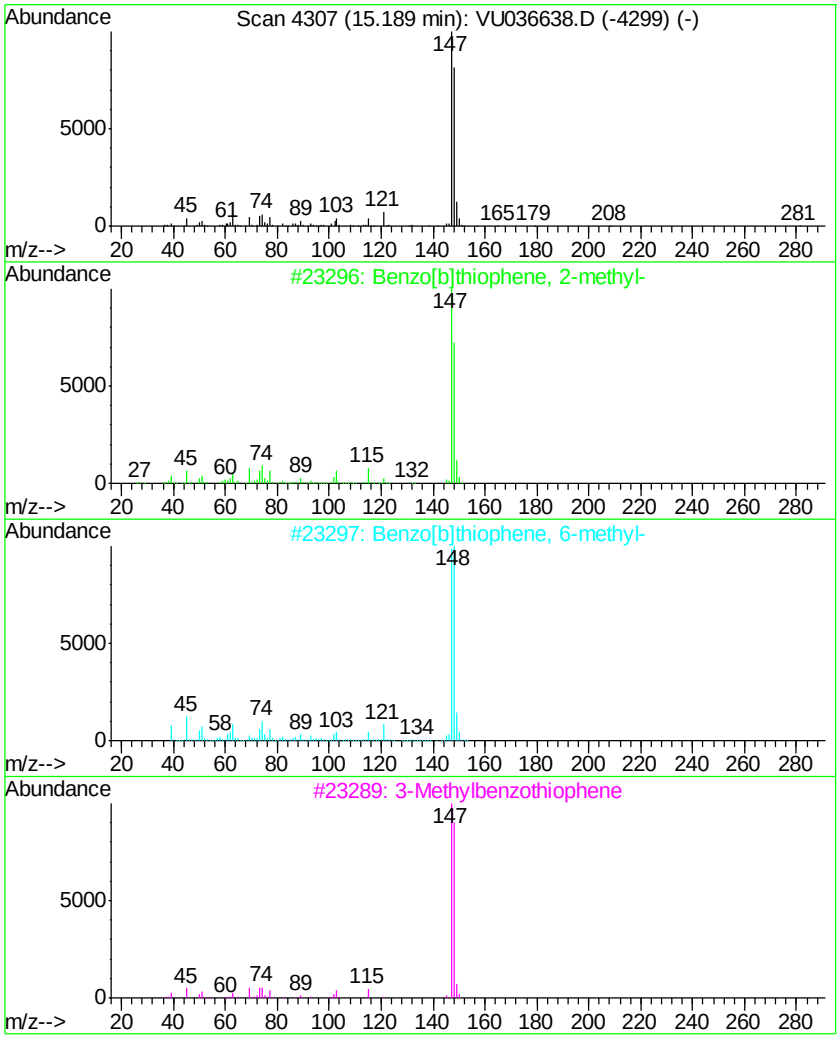
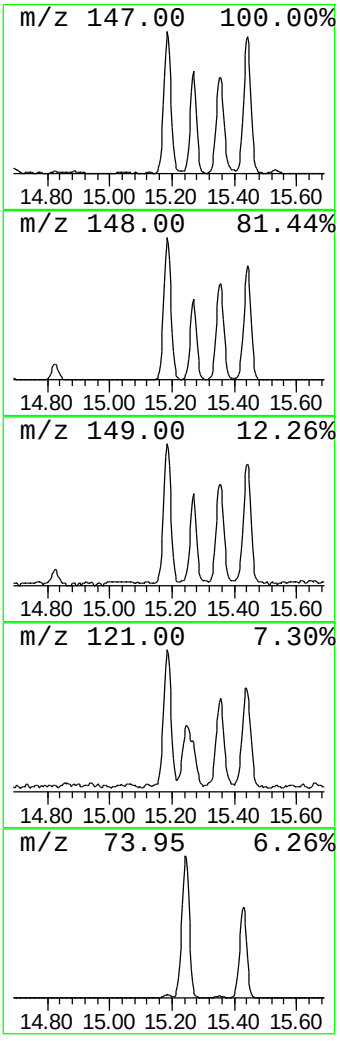
Peak Number 22 Benzo[b]thiophene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	10.41 ug/L	181124	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87





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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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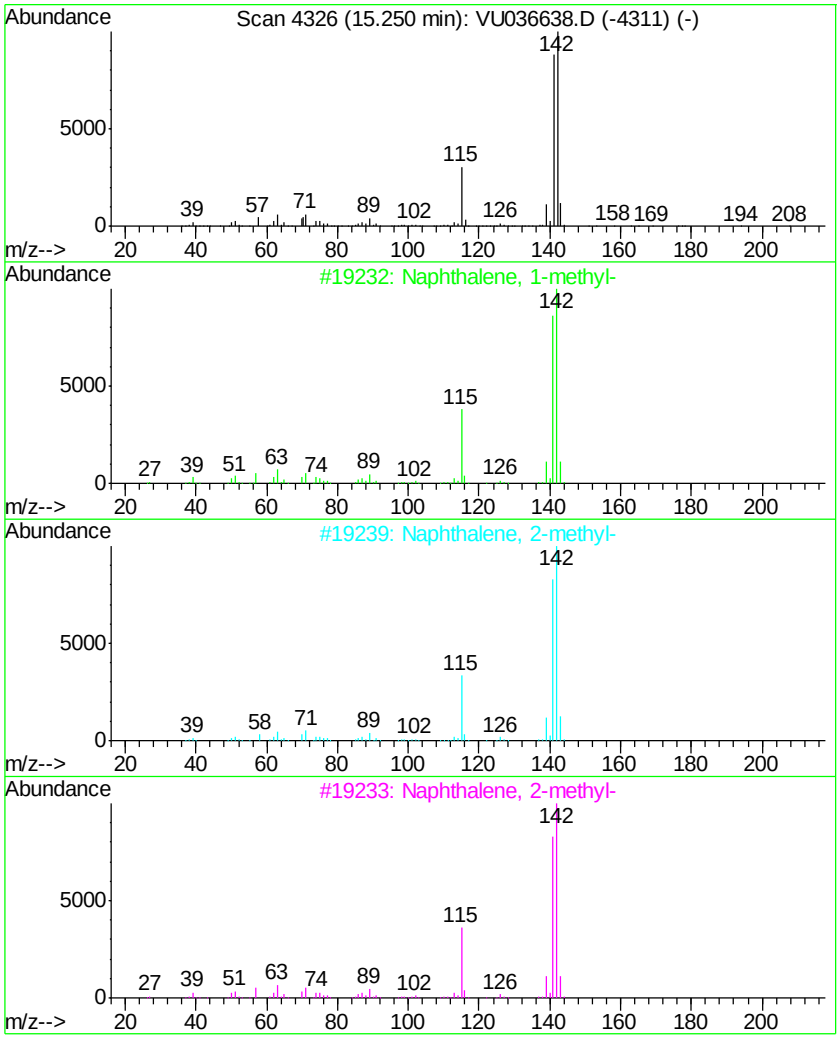
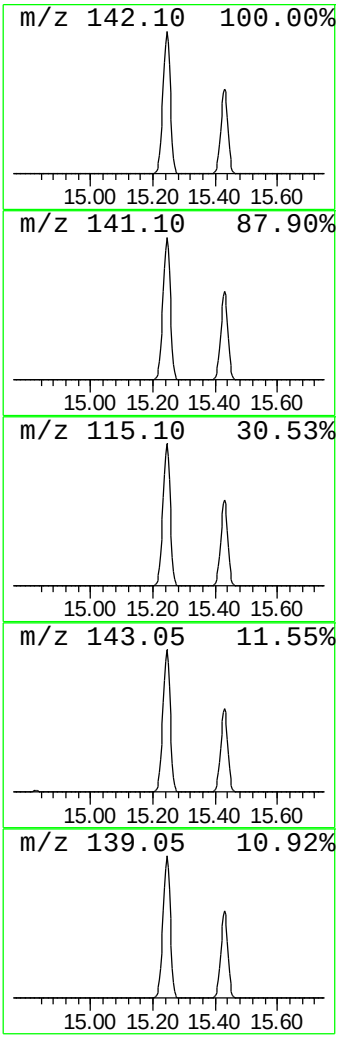
Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	1718.42 ug/L	29894000	1,4-Dichlorobenzene-d4	11.84

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, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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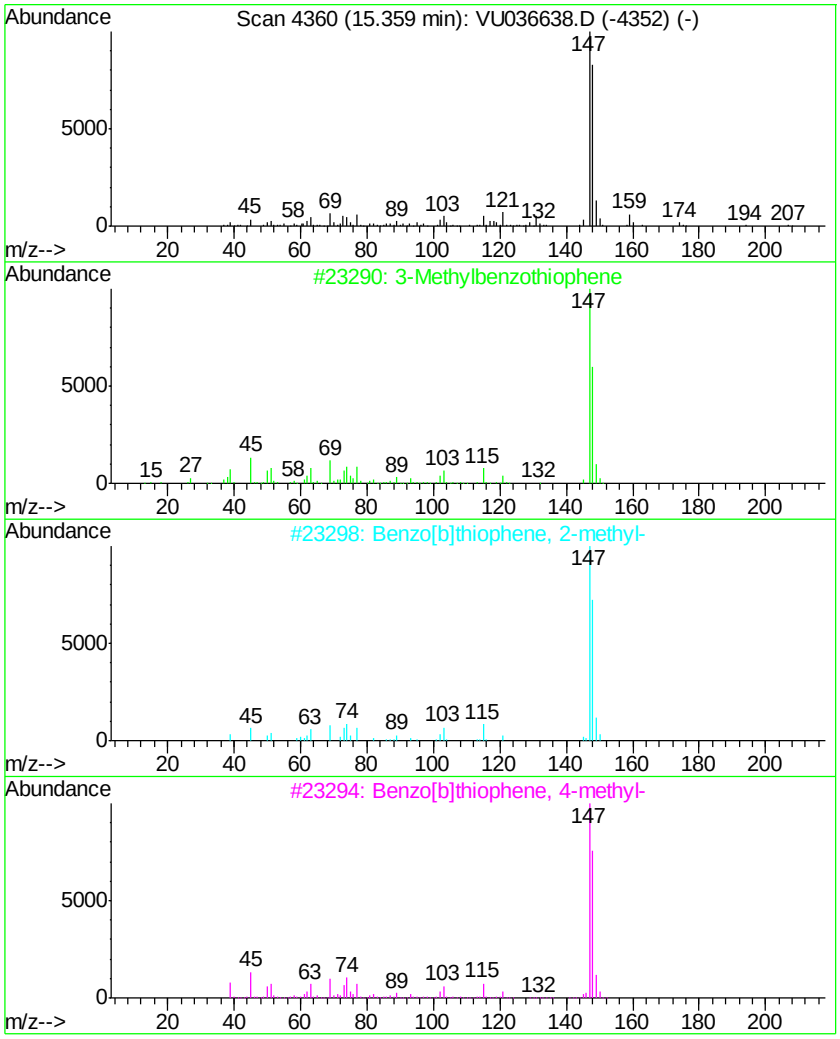
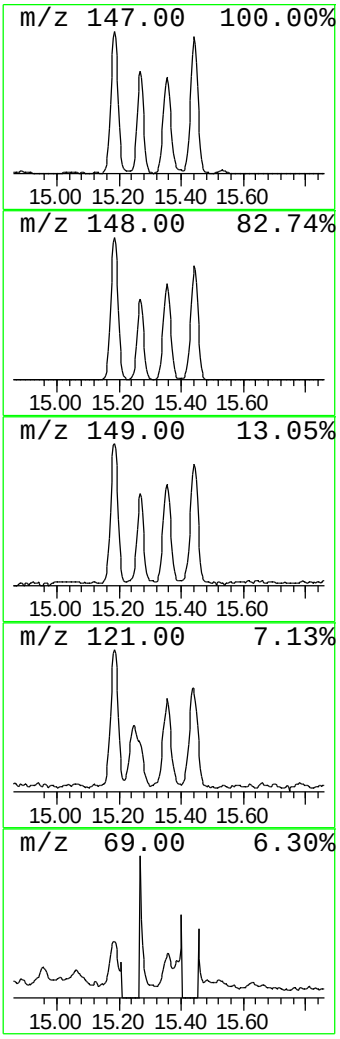
Peak Number 24 3-Methylbenzothiophene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	8.91 ug/L	154996	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90





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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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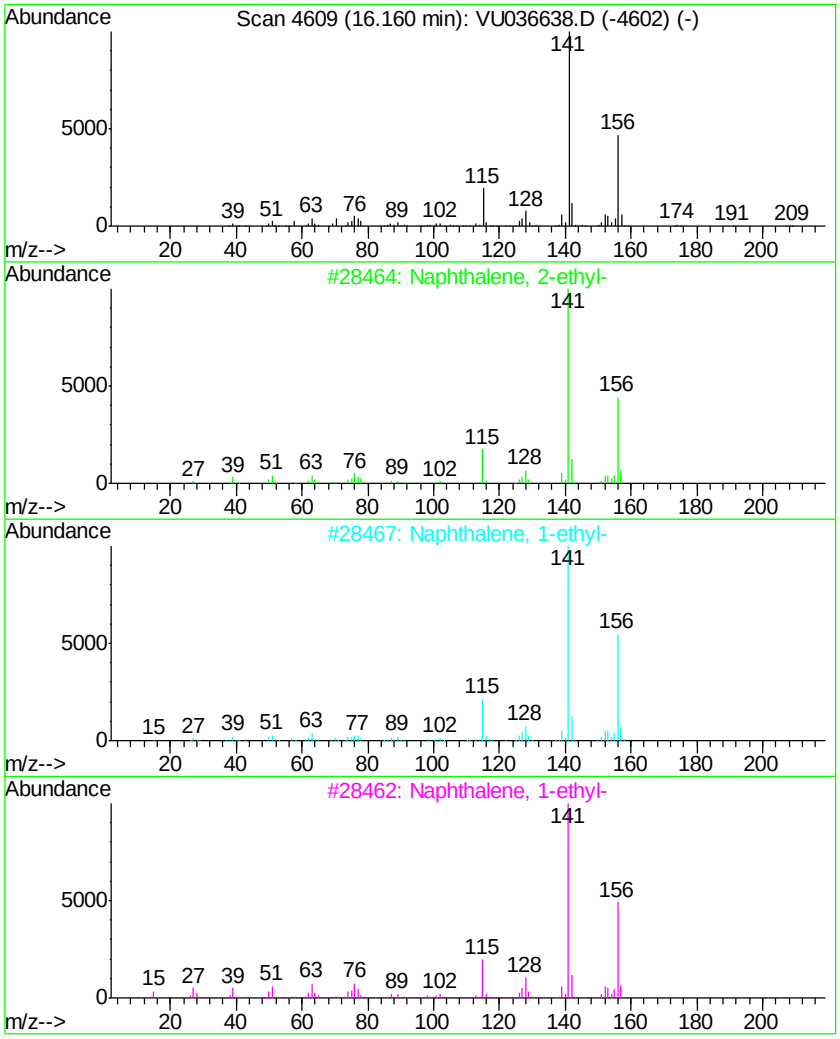
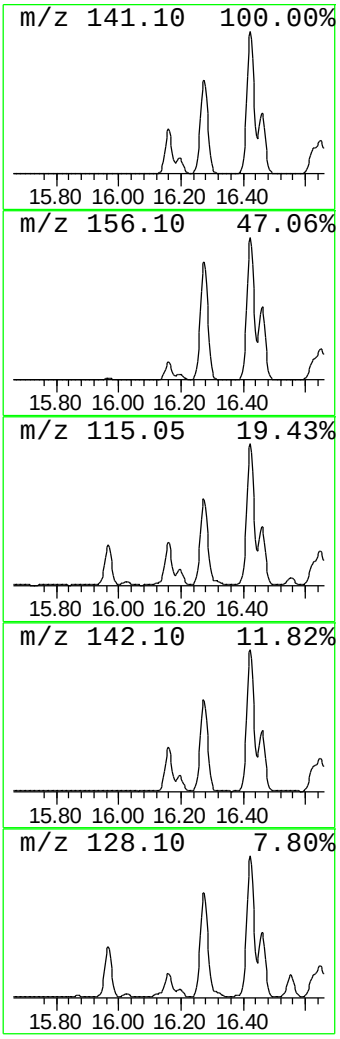
Peak Number 27 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	29.41 ug/L	511585	1,4-Dichlorobenzene-d4	11.84

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





Library Search Compound Report

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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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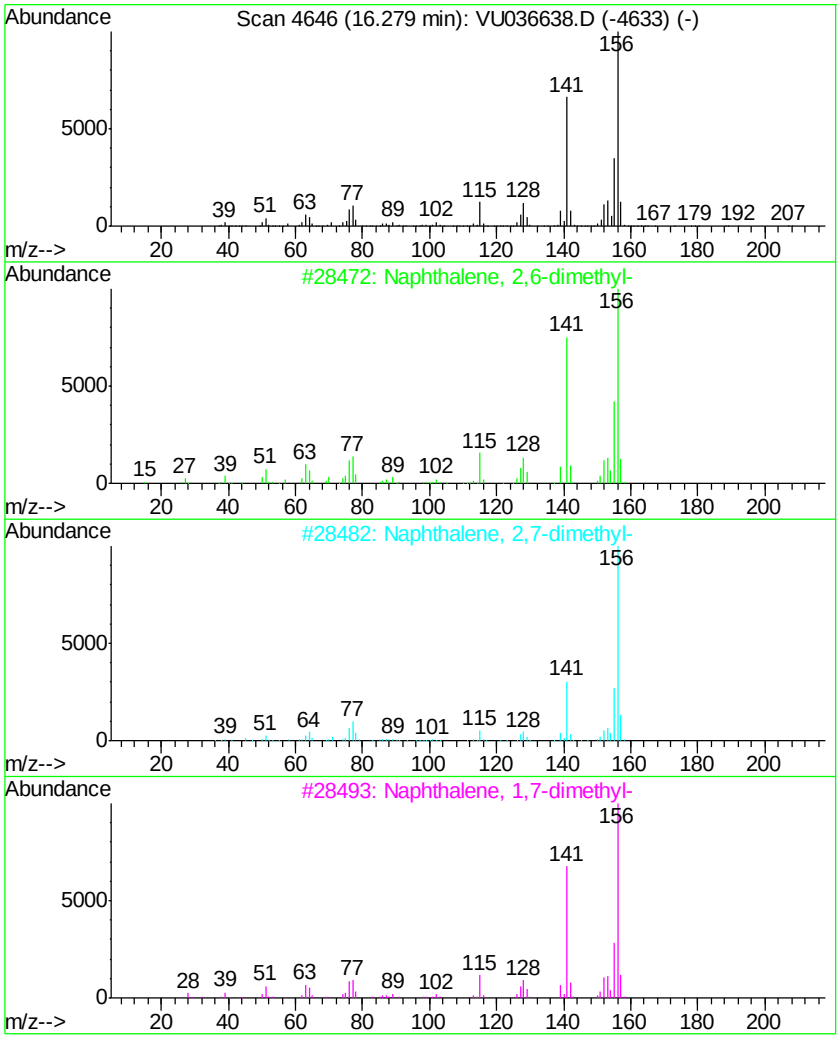
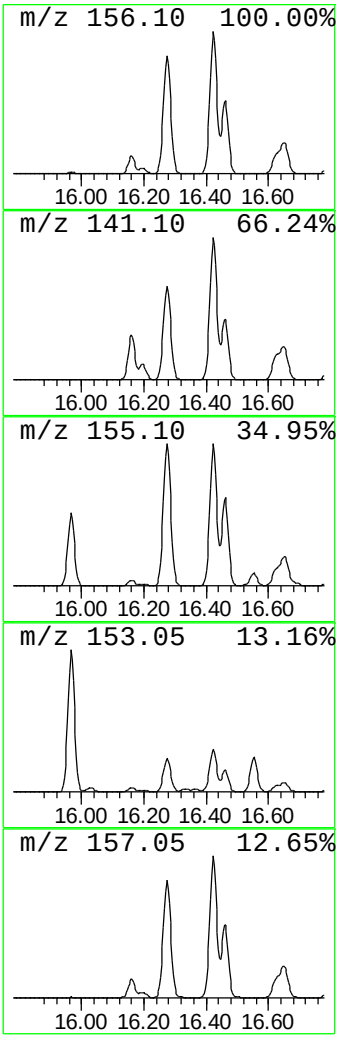
Peak Number 28 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	194.61 ug/L	3385490	1,4-Dichlorobenzene-d4	11.84

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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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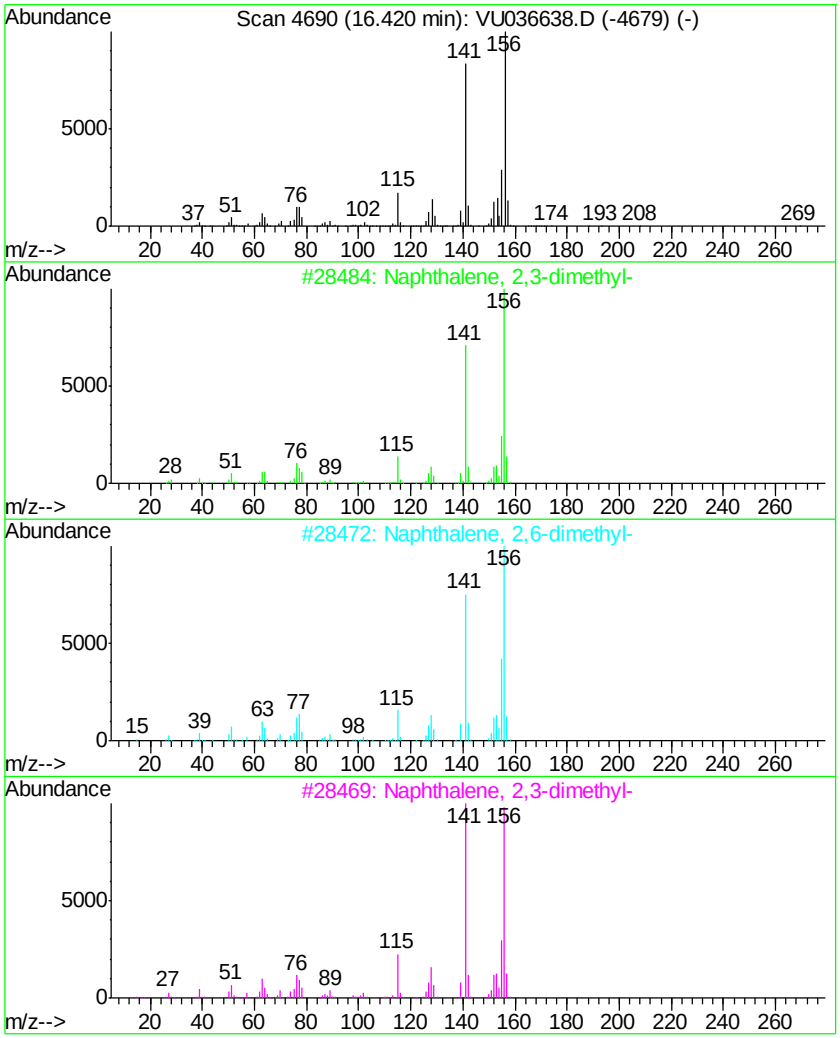
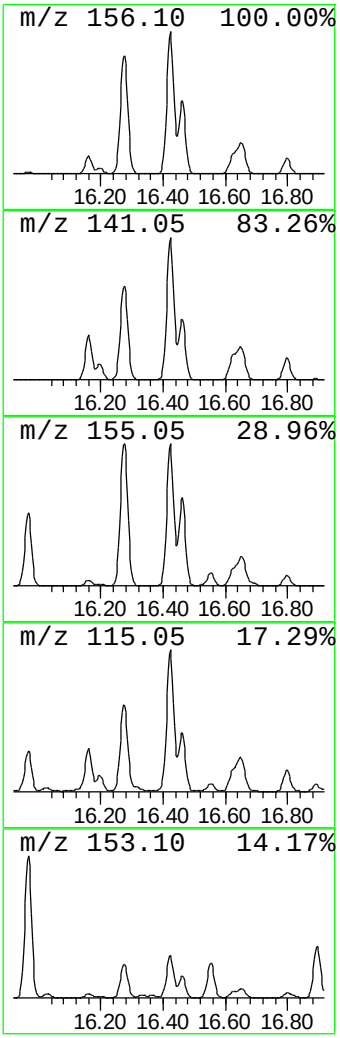
Peak Number 29 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	228.50 ug/L	3974940	1,4-Dichlorobenzene-d4	11.84

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





Library Search Compound Report

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Data File : VU036638.D
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Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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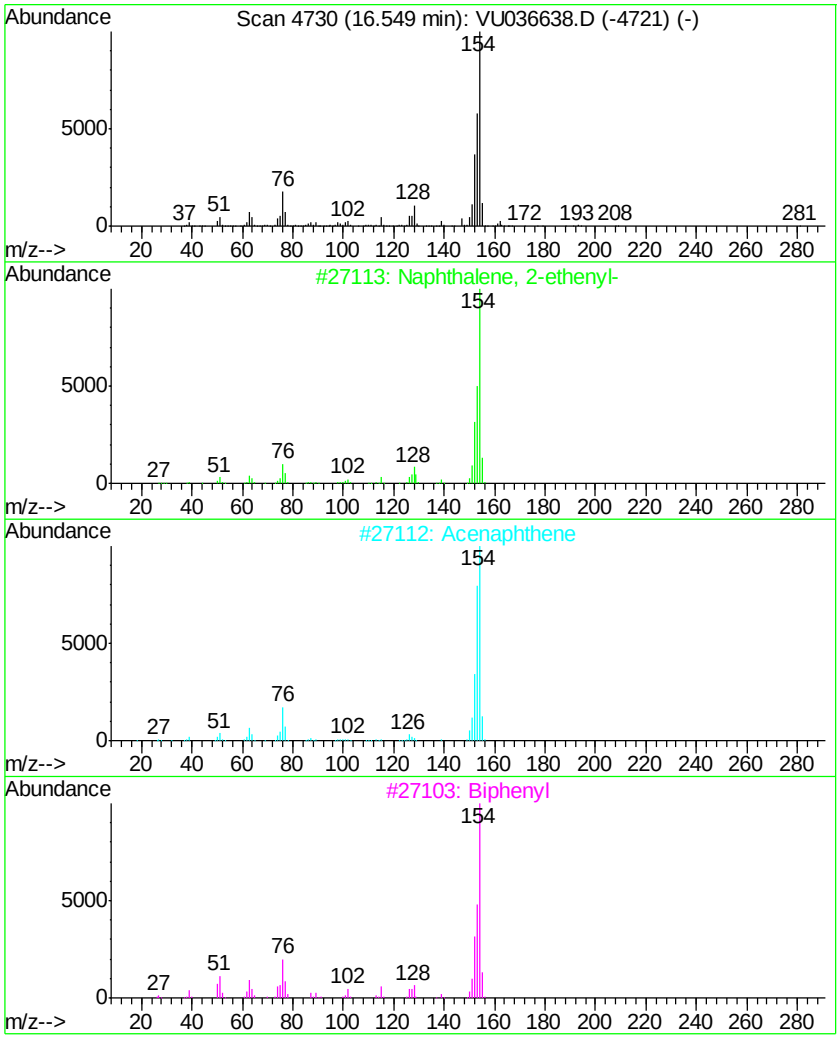
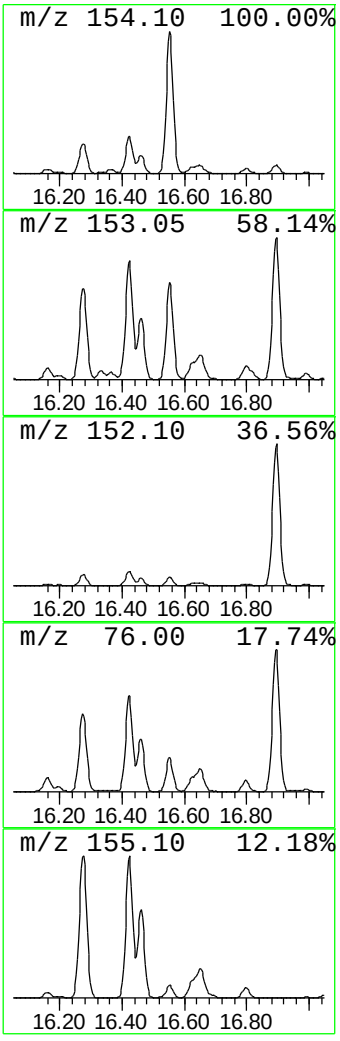
Peak Number 30 Naphthalene, 2-ethenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	37.88 ug/L	659015	1,4-Dichlorobenzene-d4	11.84

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	93
4	Biphenyl	154	C12H10	000092-52-4	76
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
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Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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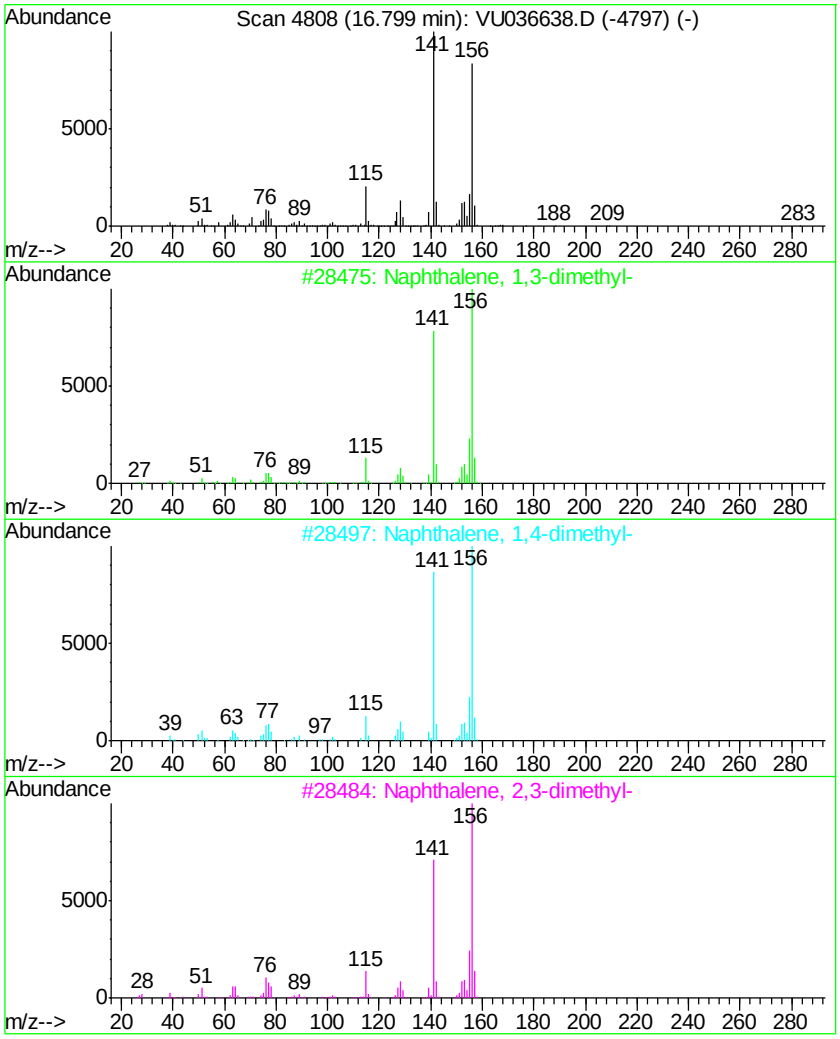
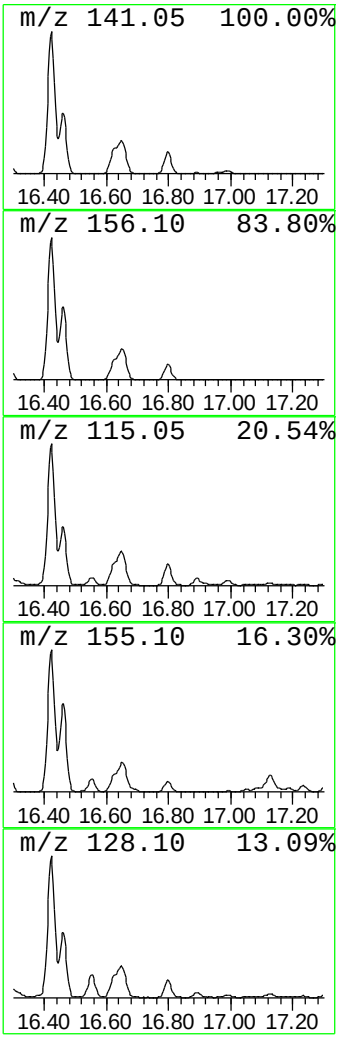
Peak Number 32 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	29.87 ug/L	519685	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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

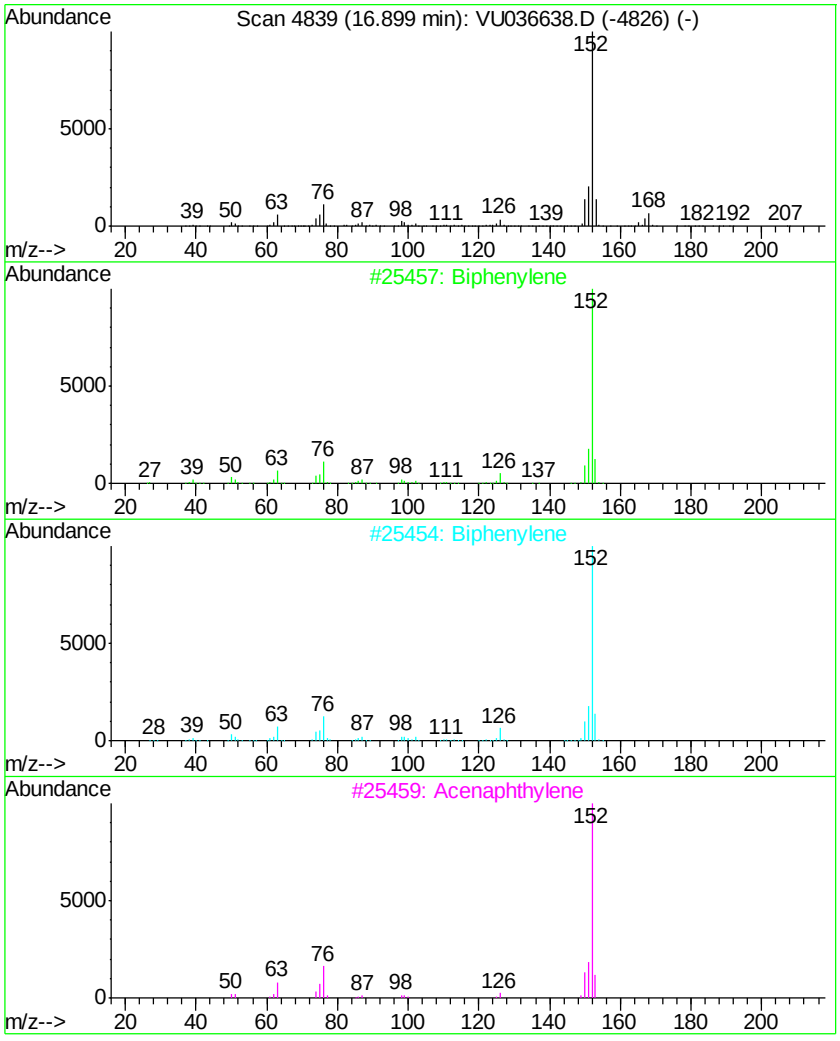
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

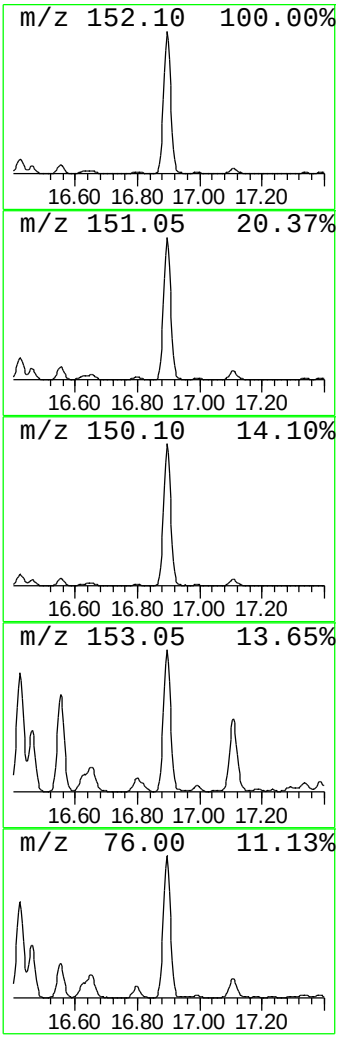
****

Peak Number 33 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	160.97 ug/L	2800250	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	91
2	Biphenylene	152	C12H8	000259-79-0	87
3	Acenaphthylene	152	C12H8	000208-96-8	81
4	Acenaphthylene	152	C12H8	000208-96-8	81
5	Acenaphthylene	152	C12H8	000208-96-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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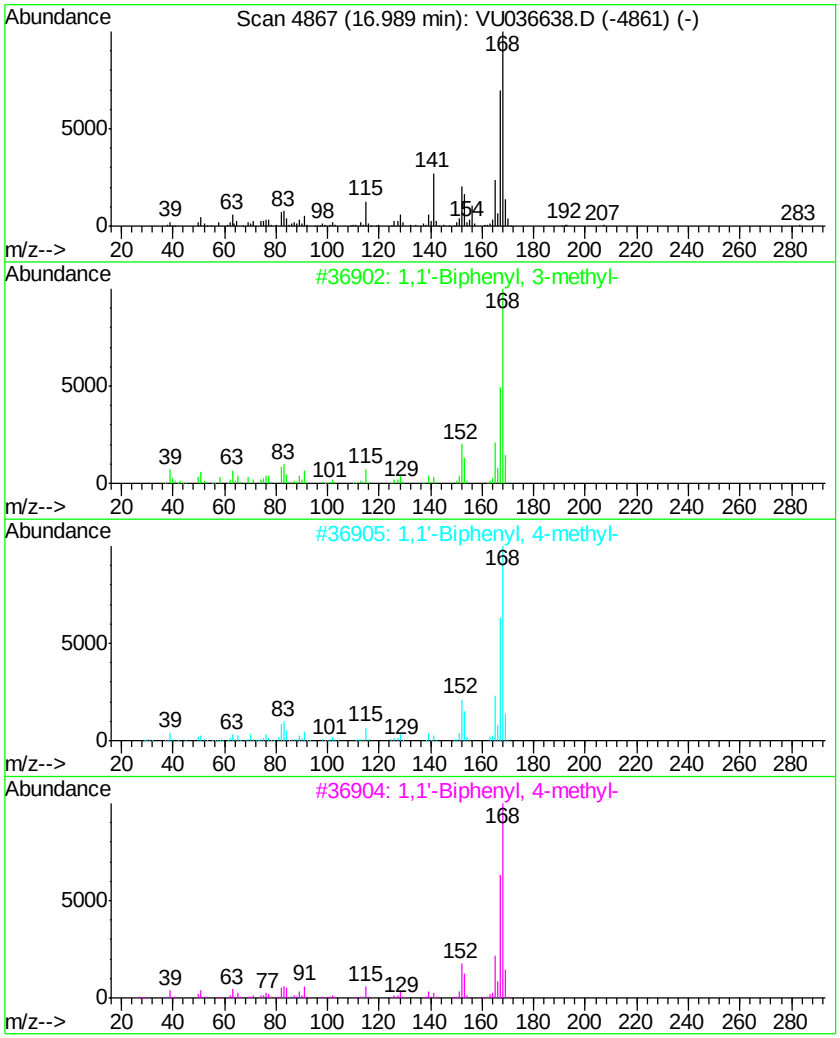
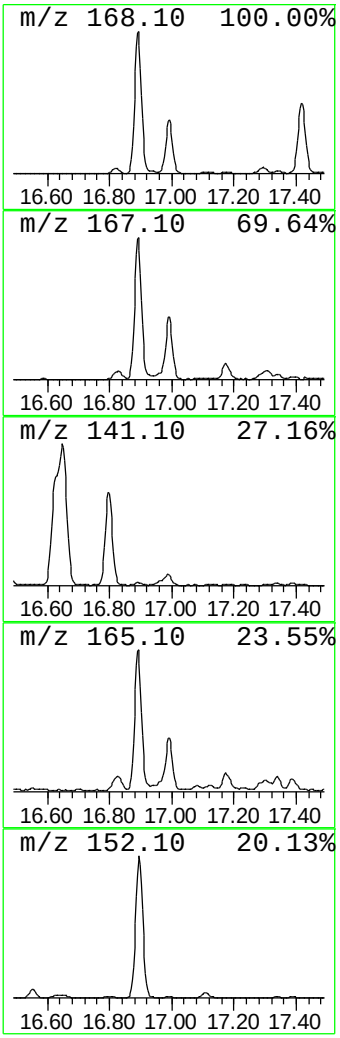
Peak Number 34 1,1'-Biphenyl, 3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	9.94 ug/L	172988	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	94
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	76
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	76
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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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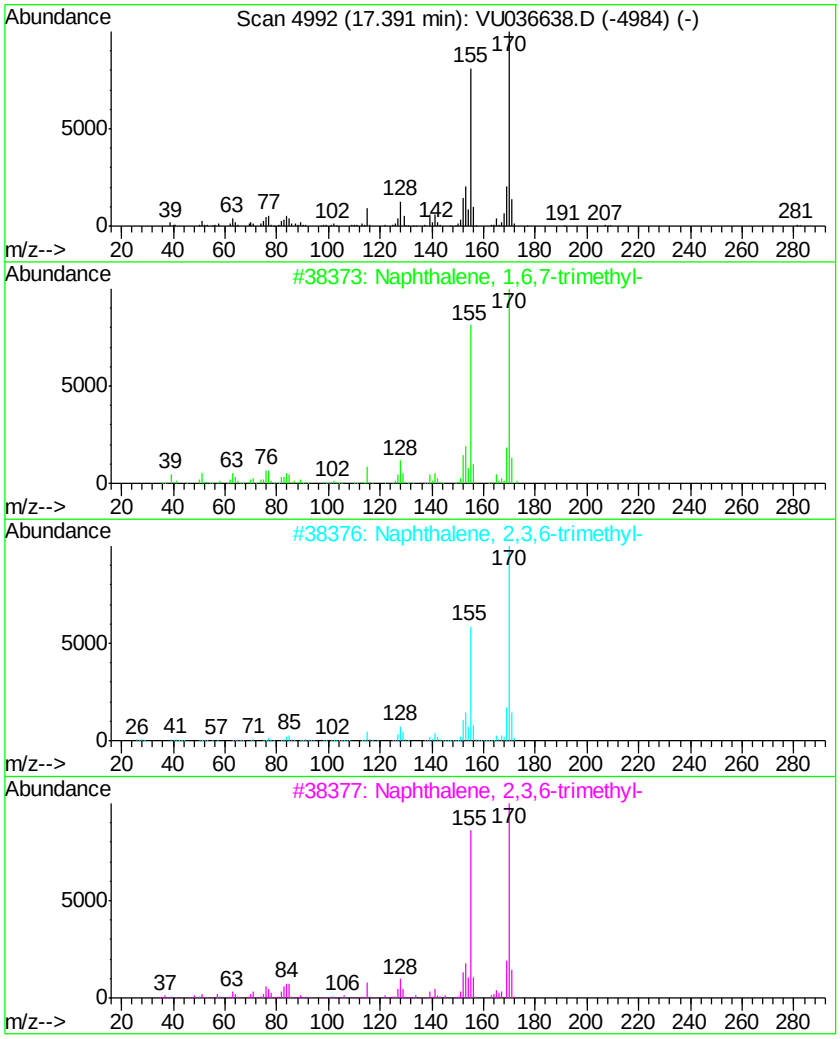
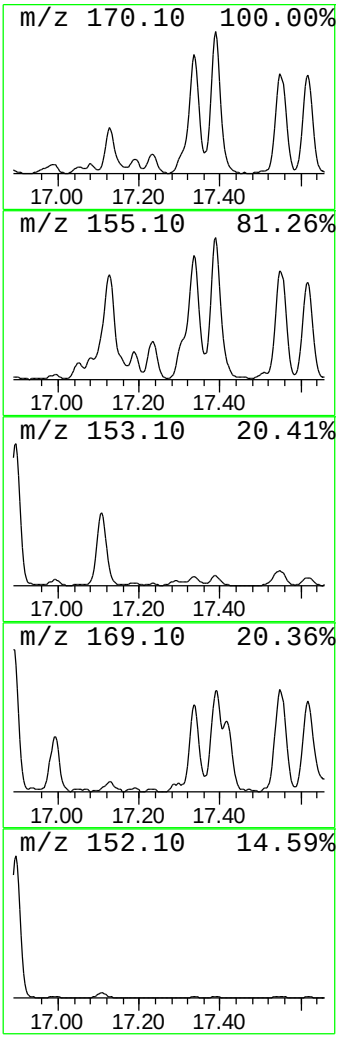
Peak Number 36 Naphthalene, 1,6,7-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	9.50 ug/L	165235	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036638.D
Acq On : 30 Jan 2020 23:46
Operator : JC/MD
Sample : L1324-05 10X
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT62

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	11.49	2.7	ug/L	47246	3	11.84	869811	50.0
Benzene, 1-etheny...	11.56	6.0	ug/L	104920	3	11.84	869811	50.0
Benzene, 1,2,3-tr...	11.92	2.5	ug/L	43996	3	11.84	869811	50.0
Benzene, cyclopro...	11.97	3.2	ug/L	56265	3	11.84	869811	50.0
Indene	12.33	68.3	ug/L	1188250	3	11.84	869811	50.0
Benzene, 1-etheny...	12.65	3.9	ug/L	68476	3	11.84	869811	50.0
2,4-Dimethylstyrene	12.76	15.5	ug/L	270351	3	11.84	869811	50.0
Benzene, 1,2,3,5-...	12.99	3.8	ug/L	66810	3	11.84	869811	50.0
Benzene, 2-ethyl-...	13.05	22.9	ug/L	397928	3	11.84	869811	50.0
Benzene, (2-methy...	13.17	16.9	ug/L	294742	3	11.84	869811	50.0
1H-Indene, 2,3-di...	13.31	5.1	ug/L	87941	3	11.84	869811	50.0
Benzene, 1,2,4,5-...	13.47	29.6	ug/L	514940	3	11.84	869811	50.0
Benzene, (1-methy...	13.54	35.1	ug/L	611102	3	11.84	869811	50.0
Cycloprop[a]inden...	13.65	70.9	ug/L	1233760	3	11.84	869811	50.0
Benzene, 1-methyl...	13.71	2.9	ug/L	49982	3	11.84	869811	50.0
Benzene, 1,3-dime...	13.86	2.7	ug/L	47281	3	11.84	869811	50.0
Azulene	14.12	3838.6	ug/L	66776600	3	11.84	869811	50.0
Benzo[c]thiophene	14.23	44.7	ug/L	777043	3	11.84	869811	50.0
1H-Indene, 1,3-di...	14.69	9.2	ug/L	159541	3	11.84	869811	50.0
Benzo[b]thiophene...	15.19	10.4	ug/L	181124	3	11.84	869811	50.0
Naphthalene, 1-me...	15.25	1718.4	ug/L	29894000	3	11.84	869811	50.0
3-Methylbenzothio...	15.36	8.9	ug/L	154996	3	11.84	869811	50.0
Naphthalene, 2-et...	16.16	29.4	ug/L	511585	3	11.84	869811	50.0
Naphthalene, 2,6-...	16.28	194.6	ug/L	3385490	3	11.84	869811	50.0
Naphthalene, 2,3-...	16.42	228.5	ug/L	3974940	3	11.84	869811	50.0
Naphthalene, 2-et...	16.55	37.9	ug/L	659015	3	11.84	869811	50.0
Naphthalene, 1,3-...	16.80	29.9	ug/L	519685	3	11.84	869811	50.0
Biphenylene	16.90	161.0	ug/L	2800250	3	11.84	869811	50.0
1,1'-Biphenyl, 3-...	16.99	9.9	ug/L	172988	3	11.84	869811	50.0
Naphthalene, 1,6,...	17.39	9.5	ug/L	165235	3	11.84	869811	50.0