LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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	1.488	35	46	54	rBV2	14005	23445	0.02%	0.010%
2	1.607	76	83	100	rVB	92824	123050	0.13%	0.055%
3	1.887	165	170	184	rVB	25241	33408	0.03%	0.015%
4	2.543	362	374	395	rVB	168604	281937	0.29%	0.126%
5	2.643	396	405	412	rBV5	1931	4275	0.00%	0.002%
6	2.993	506	514	515	rBV2	1021	1148	0.00%	0.001%
7	3.215	569	583	602	rVV2	13324	35073	0.04%	0.016%
8	4.704	1026	1046	1089	rVV5	53599	213828	0.22%	0.095%
9	5.105	1154	1171	1197	rVB	144341	344684	0.35%	0.153%
10	5.755	1352	1373	1402	rBV2	385548	954930	0.98%	0.425%
11	6.154	1490	1497	1503	rBV5	856	995	0.00%	0.000%
12	6.282	1521	1537	1565	rBV	324887	650486	0.67%	0.290%
13	6.559	1613	1623	1634	rVB3	7518	13670	0.01%	0.006%
14	6.646	1643	1650	1658	rBV4	871	1352	0.00%	0.001%
15	6.726	1660	1675	1696	rBV	199679	415204	0.42%	0.185%
16	7.218	1819	1828	1840	rVV5	3098	5599	0.01%	0.002%
17	7.520	1917	1922	1932	rVV3	767	1149	0.00%	0.001%
18	7.601	1932	1947	1965	rVV	109657	212693	0.22%	0.095%
19	7.720	1976	1984	1991	rBV4	1506	2035	0.00%	0.001%
20	7.781	1998	2003	2009	rBV4	1138	1294	0.00%	0.001%
21	7.929	2036	2049	2063	rBV	444875	808855	0.83%	0.360%
22	7.999	2063	2071	2082	rVB	21022	35282	0.04%	0.016%
23	8.150	2110	2118	2126	rBV3	5108	8192	0.01%	0.004%
24	8.211	2126	2137	2159	rVV	74627	146693	0.15%	0.065%
25	8.305	2160	2166	2173	rVV4	1828	2240	0.00%	0.001%
26	8.578	2237	2251	2269	rBV	703472	1209217	1.24%	0.538%
27	8.691	2269	2286	2311	rBV	251783	549737	0.56%	0.245%
28	8.887	2337	2347	2355	rVB4	2540	3994	0.00%	0.002%
29	8.951	2355	2367	2375	rBV4	3819	6778	0.01%	0.003%
30	8.993	2375	2380	2386	rVB4	1221	1540	0.00%	0.001%
31	9.076	2398	2406	2420	rVB5	3716	7226	0.01%	0.003%
32	9.144	2422	2427	2432	rBV3	1231	1419	0.00%	0.001%
33	9.234	2451	2455	2466	rVB5	4127	6098	0.01%	0.003%
34	9.356	2484	2493	2505	rVB3	6556	10322	0.01%	0.005%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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	9.449	2507	2522	2541	rBV	430557	821923	0.84%	0.366%
36	9.600	2557	2569	2589	rBV	41109	82495	0.08%	0.037%
37	9.723	2590	2607	2634	rVB	1752926	3219534	3.29%	1.434%
38	9.883	2649	2657	2672	rBV	6638	15044	0.02%	0.007%
39	9.980	2679	2687	2697	rBV7	2643	4608	0.00%	0.002%
40	10.041	2697	2706	2710	rBV8	4569	7602	0.01%	0.003%
41	10.131	2720	2734	2763	rVB	903361	1678063	1.72%	0.747%
42	10.276	2768	2779	2783	rBV2	9194	15578	0.02%	0.007%
43	10.382	2805	2812	2819	rBV3	8039	13305	0.01%	0.006%
44	10.510	2841	2852	2864	rBV	64673	112878	0.12%	0.050%
45	10.642	2882	2893	2899	rBV7	9527	19316	0.02%	0.009%
46	10.716	2911	2916	2925	rVB5	3773	4726	0.00%	0.002%
47	10.790	2925	2939	2949	rBV	328219	550309	0.56%	0.245%
48	10.932	2972	2983	2998	rBV	136597	218365	0.22%	0.097%
49	11.025	3000	3012	3030	rVV	908341	2114309	2.16%	0.941%
50	11.115	3031	3040	3059	rVB	847724	1437667	1.47%	0.640%
51	11.317	3092	3103	3121	rBV2	267622	613933	0.63%	0.273%
52	11.436	3134	3140	3143	rBV2	15130	18838	0.02%	0.008%
53	11.491	3144	3157	3169	rVV	2540578	4028318	4.12%	1.794%
54	11.562	3169	3179	3188	rVV	787909	1217838	1.25%	0.542%
55	11.610	3188	3194	3205	rVB	213336	313328	0.32%	0.140%
56	11.838	3253	3265	3276	rBV	580350	943924	0.97%	0.420%
57	11.919	3279	3290	3298	rVV	863516	1348939	1.38%	0.601%
58	11.970	3298	3306	3317	rVB	602177	904231	0.93%	0.403%
59	12.118	3339	3352	3370	rBV3	417727	857265	0.88%	0.382%
60	12.215	3370	3382	3395	rBV3	736875	1265187	1.29%	0.563%
61	12.337	3409	3420	3434	rVB	6079510	9603809	9.83%	4.277%
62	12.488	3458	3467	3470	rBV	105855	151848	0.16%	0.068%
63	12.562	3484	3490	3493	rBV2	102155	130201	0.13%	0.058%
64	12.645	3508	3516	3527	rVB3	97621	194589	0.20%	0.087%
65	12.768	3545	3554	3564	rVB	464837	711671	0.73%	0.317%
66	12.829	3565	3573	3587	rVB2	118030	187965	0.19%	0.084%
67	12.896	3589	3594	3602	rVB	40392	50525	0.05%	0.022%
68	12.944	3603	3609	3616	rBV3	61589	93566	0.10%	0.042%
69	12.993	3617	3624	3631	rVB	184604	258676	0.26%	0.115%
70	13.047	3632	3641	3654	rBV2	567700	980925	1.00%	0.437%
71	13.173	3670	3680	3689	rBV	355315	605744	0.62%	0.270%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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	13.314	3715	3724	3735	rVB	181607	286568	0.29%	0.128%
73	13.468	3761	3772	3783	rVV3	656152	1182200	1.21%	0.526%
74	13.539	3784	3794	3810	rVB	2361082	3634078	3.72%	1.618%
75	13.649	3816	3828	3841	rVB	2570618	4308392	4.41%	1.919%
76	13.748	3852	3859	3874	rVB	311470	481402	0.49%	0.214%
77	14.131	3958	3978	3992	rVB3	37590554	97727950	100.00%	43.518%
78	14.231	4001	4009	4025	rVB	656793	1039588	1.06%	0.463%
79	14.694	4143	4153	4161	rBV2	313406	564681	0.58%	0.251%
80	14.822	4186	4193	4208	rVB2	299103	602980	0.62%	0.269%
81	14.941	4224	4230	4244	rVB3	120593	191529	0.20%	0.085%
82	15.089	4269	4276	4293	rVB	185427	318048	0.33%	0.142%
83	15.185	4298	4306	4312	rVV	224441	365380	0.37%	0.163%
84	15.250	4312	4326	4347	rVB	23917800	40754849	41.70%	18.148%
85	15.356	4352	4359	4368	rVV	149019	247488	0.25%	0.110%
86	15.433	4369	4383	4414	rVB	14302389	23206087	23.75%	10.334%
87	15.967	4538	4549	4559	rBV	1041932	1611706	1.65%	0.718%
88	16.160	4602	4609	4616	rBV	224365	289524	0.30%	0.129%
89	16.275	4633	4645	4667	rBV	978941	1728634	1.77%	0.770%
90	16.423	4680	4691	4697	rBV	1092644	1754002	1.79%	0.781%
91	16.552	4722	4731	4743	rVB	230323	360683	0.37%	0.161%
92	16.648	4745	4761	4782	rVB2	249841	654610	0.67%	0.291%
93	16.796	4798	4807	4825	rVB	139886	244278	0.25%	0.109%
94	16.893	4826	4837	4854	rBV2	623882	1013139	1.04%	0.451%
95	16.992	4861	4868	4879	rVB	102065	153421	0.16%	0.068%
96	17.111	4897	4905	4918	rVB2	90335	181108	0.19%	0.081%
97	17.337	4970	4975	4983	rVB	100344	140422	0.14%	0.063%
98	17.388	4984	4991	4997	rBV	106917	164915	0.17%	0.073%
99	17.549	5032	5041	5052	rVB	154513	275138	0.28%	0.123%
100	17.616	5053	5062	5071	rBV	103014	170517	0.17%	0.076%

Sum of corrected areas: 224568207

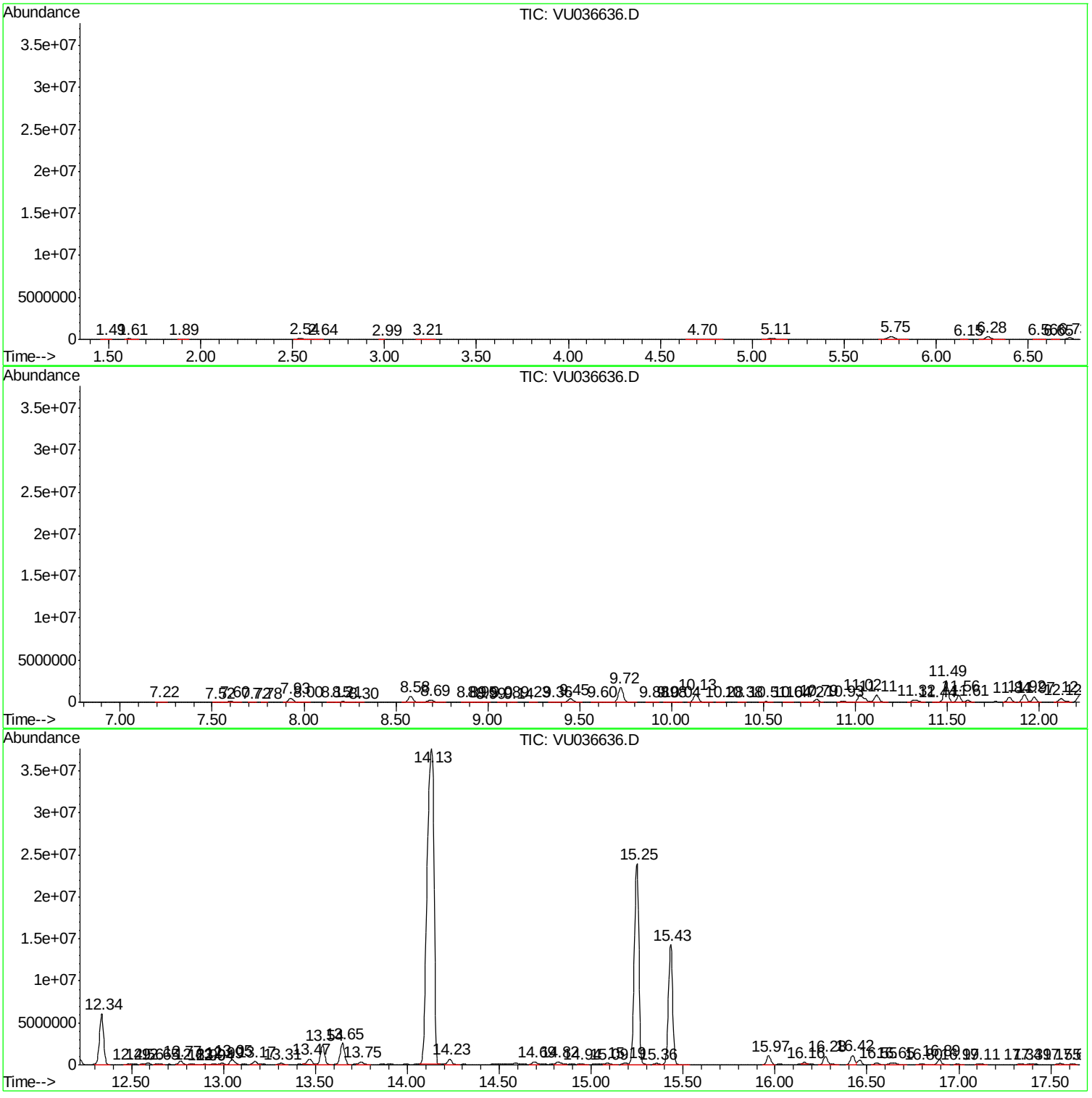
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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 : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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

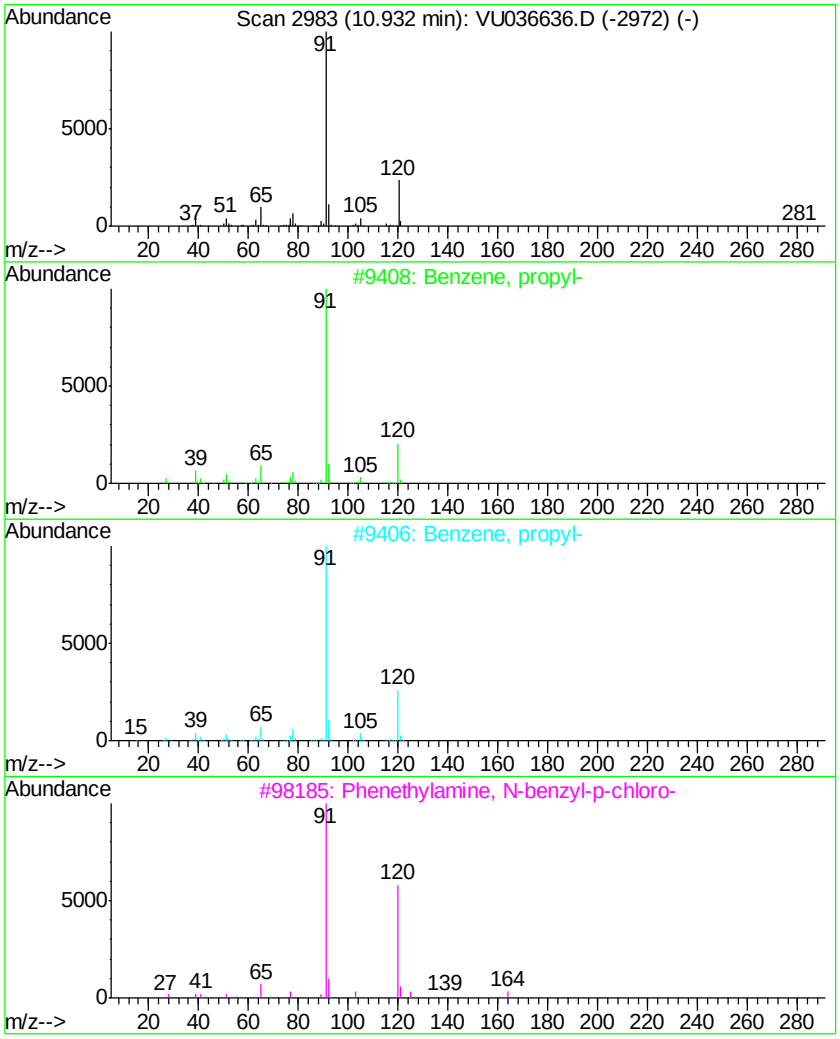
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

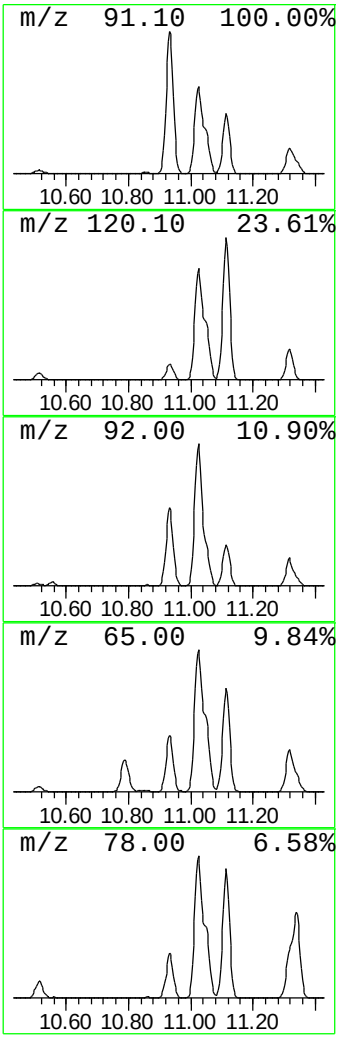
****

Peak Number 3 Benzene, propyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	11.57 ug/L	218365	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	n-Butylbenzylamine	163	C11H17N	002403-22-7	64
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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

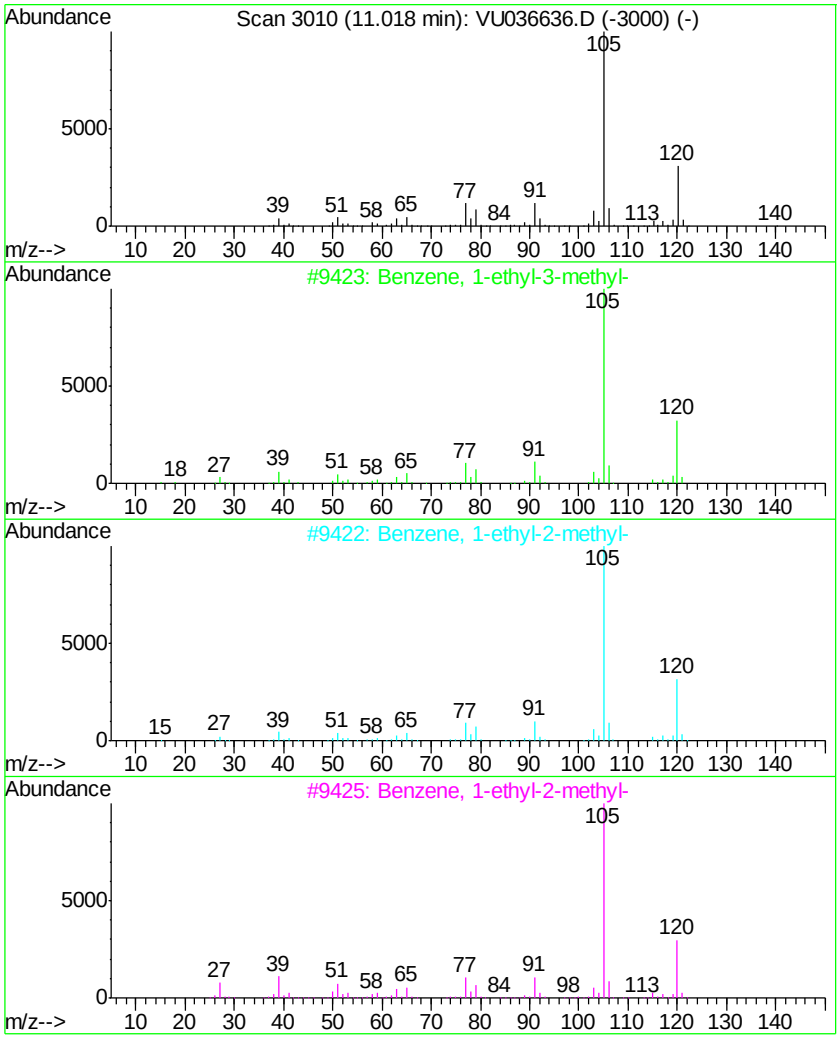
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

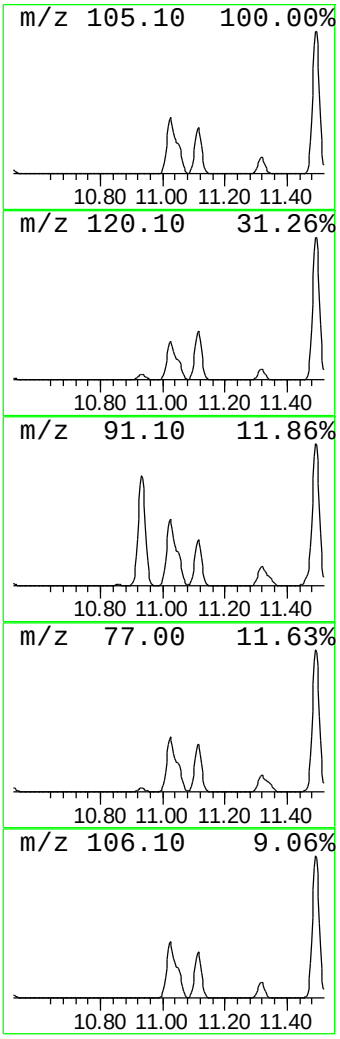
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	112.00 ug/L	2114310	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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

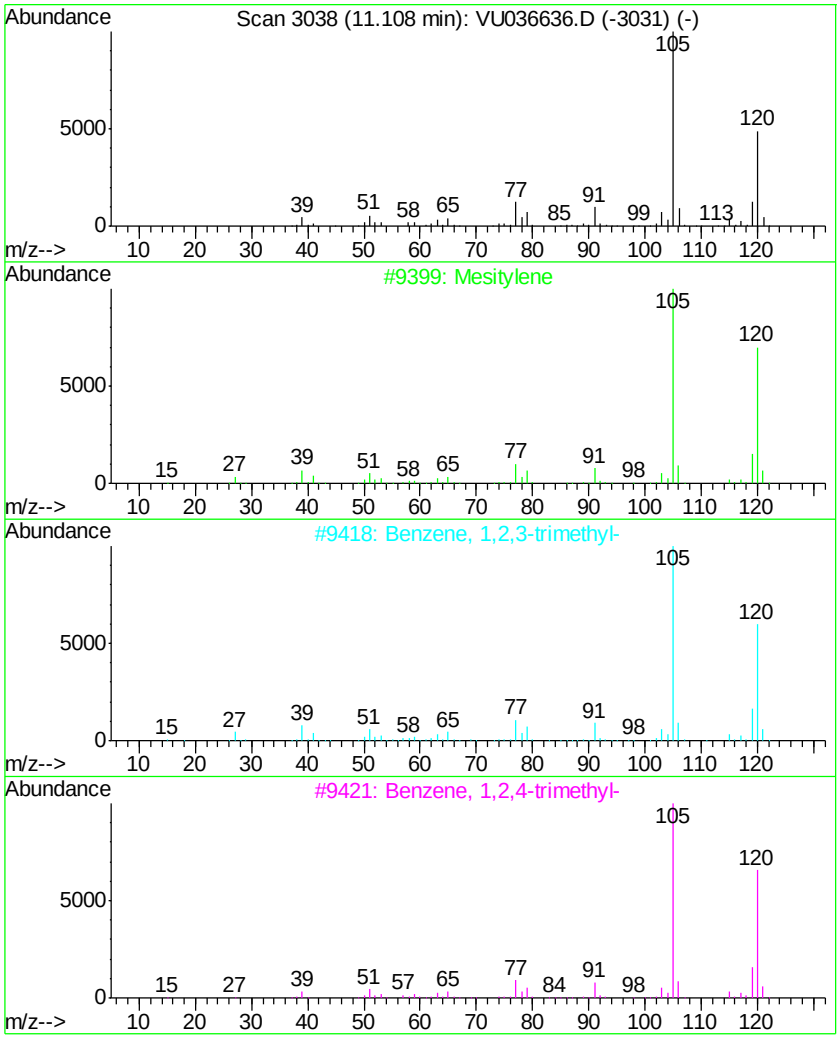
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

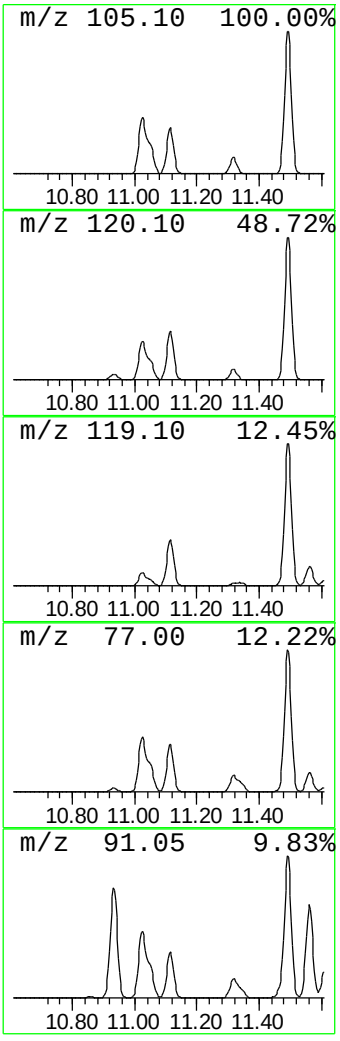
****

Peak Number 5 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	76.15 ug/L	1437670	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	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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

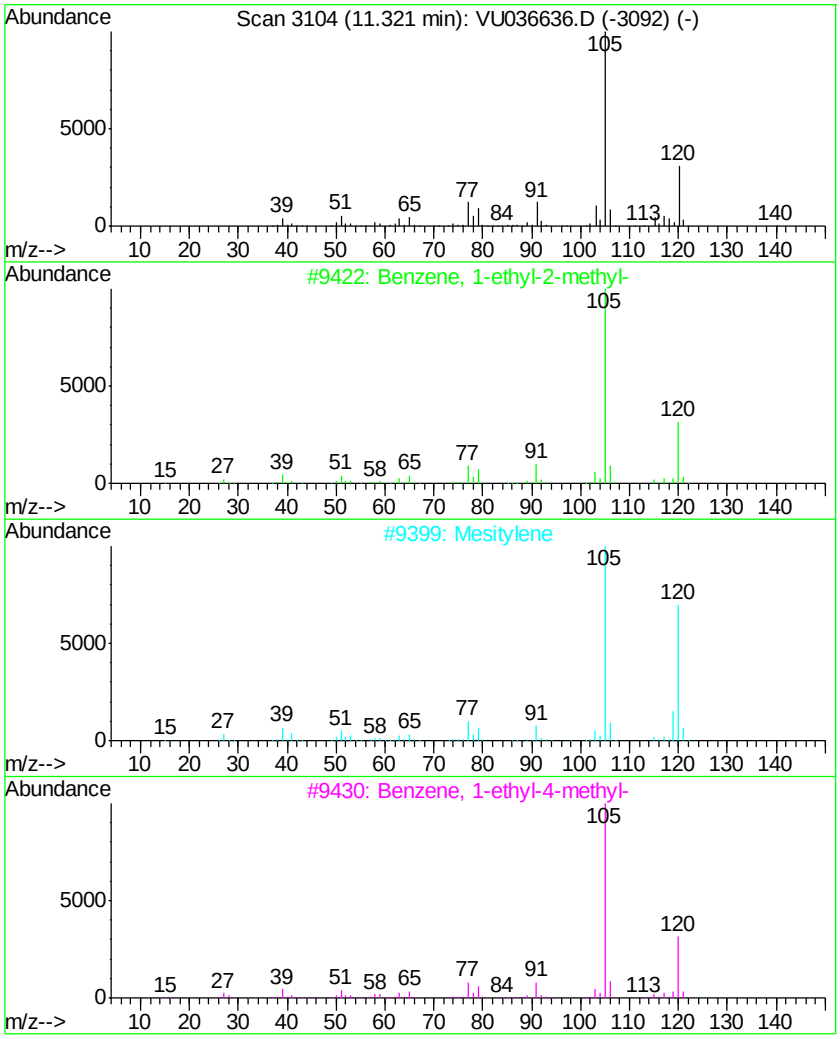
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

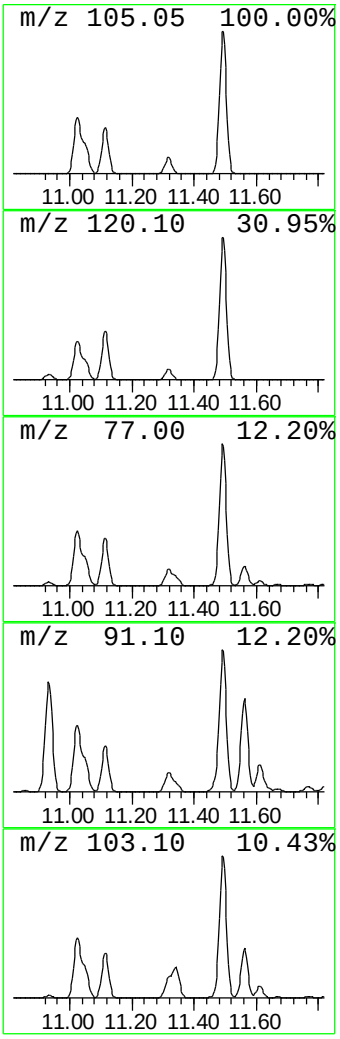
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	32.52 ug/L	613933	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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

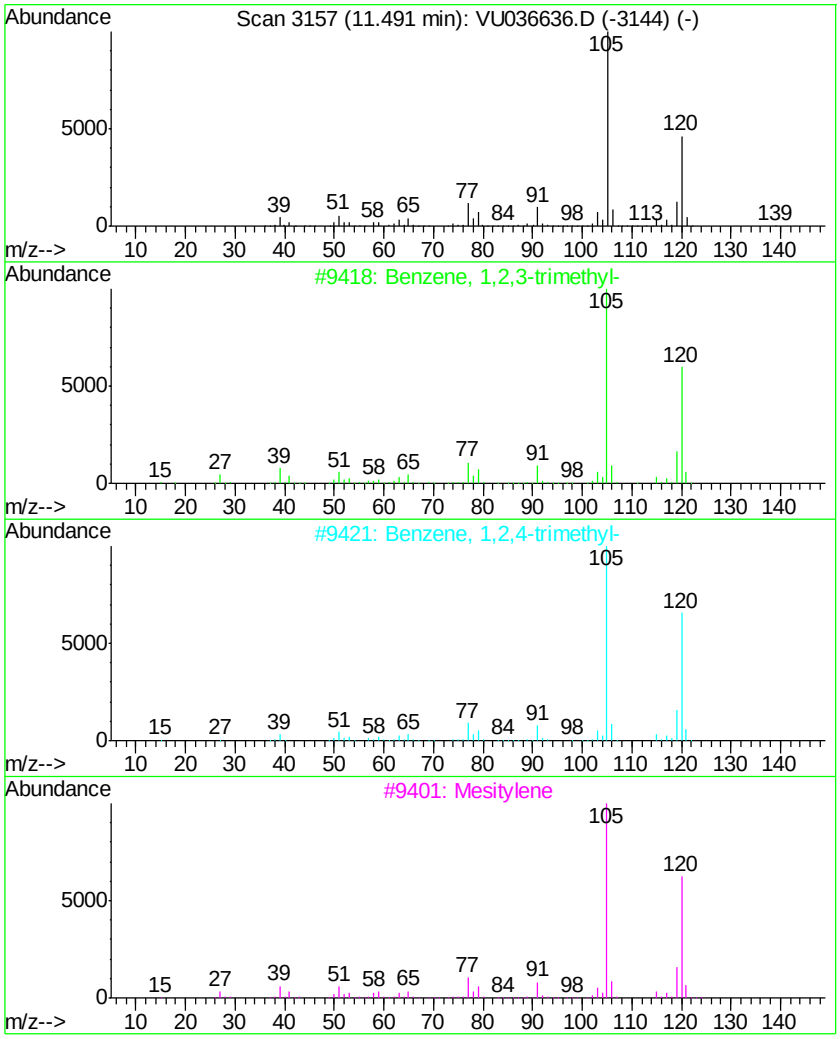
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

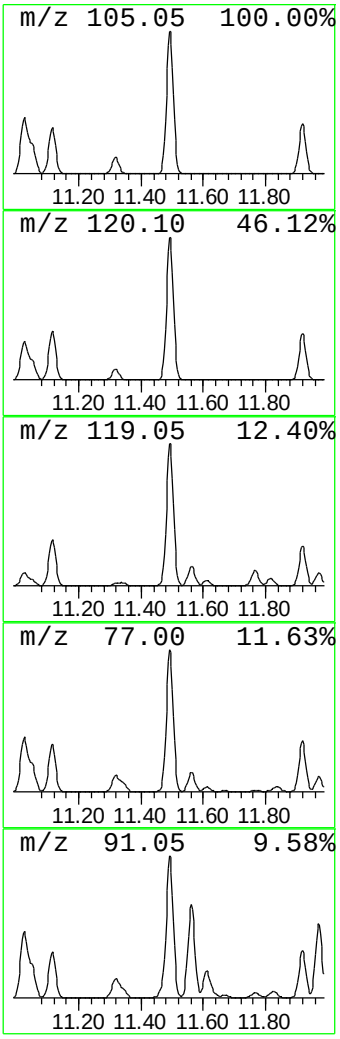
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	213.38 ug/L	4028320	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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

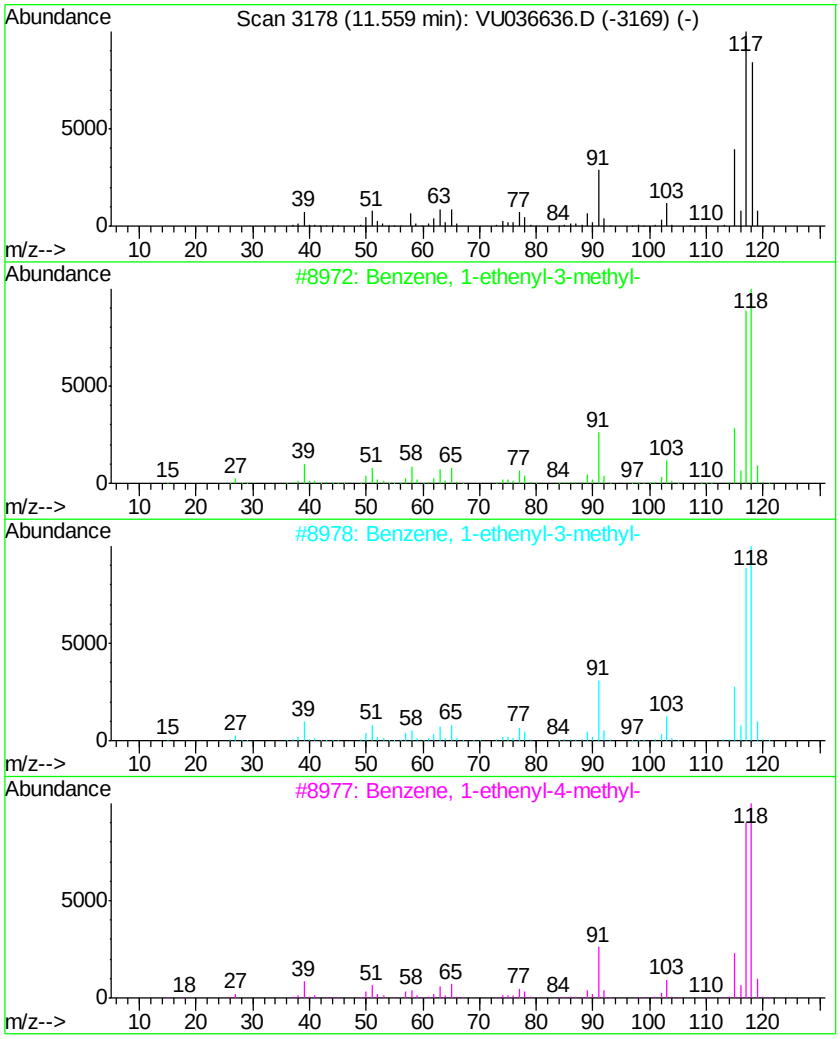
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

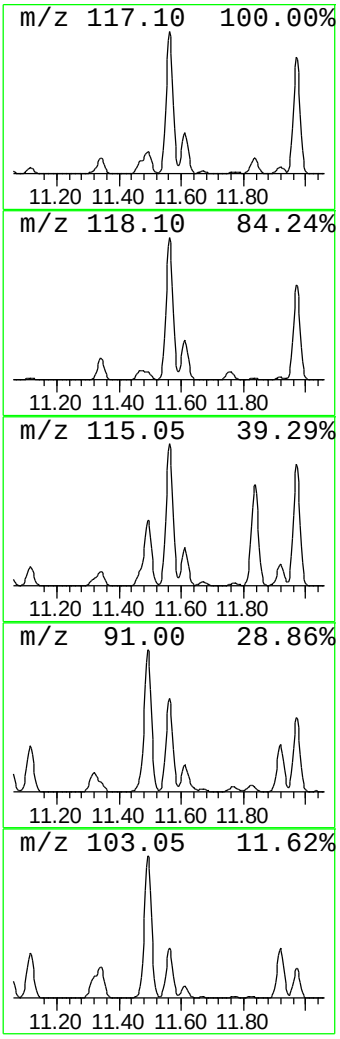
****

Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	64.51 ug/L	1217840	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	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, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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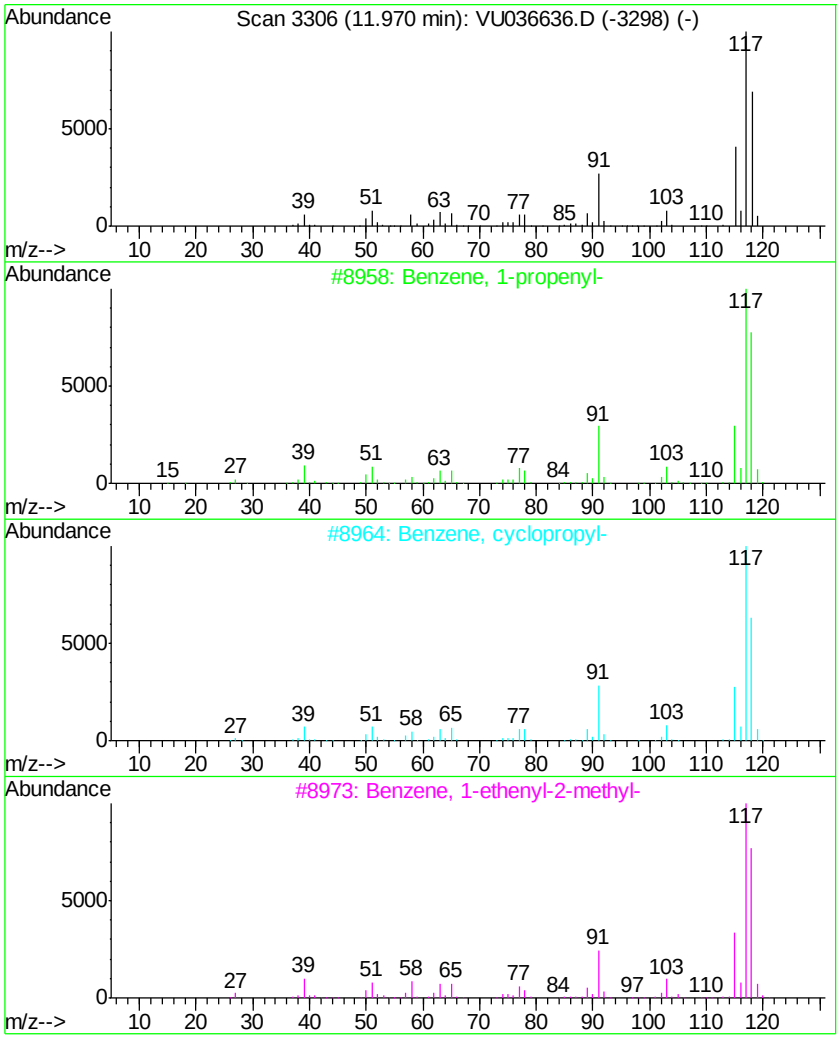
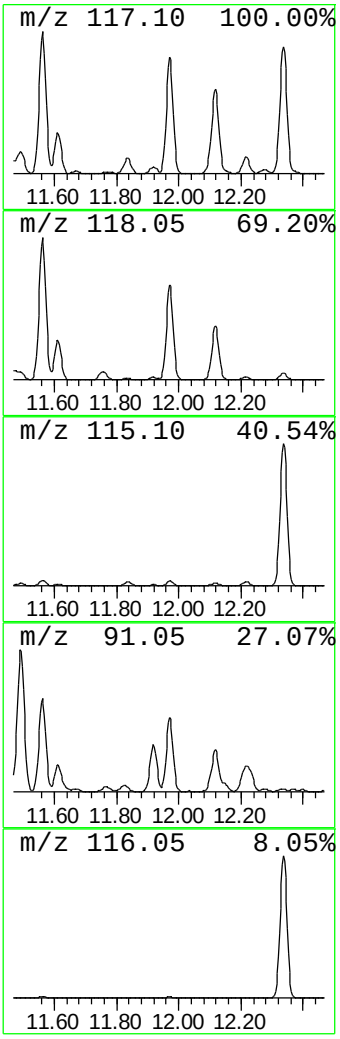
Peak Number 11 Benzene, 1-propenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	47.90 ug/L	904231	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90





Library Search Compound Report

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Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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

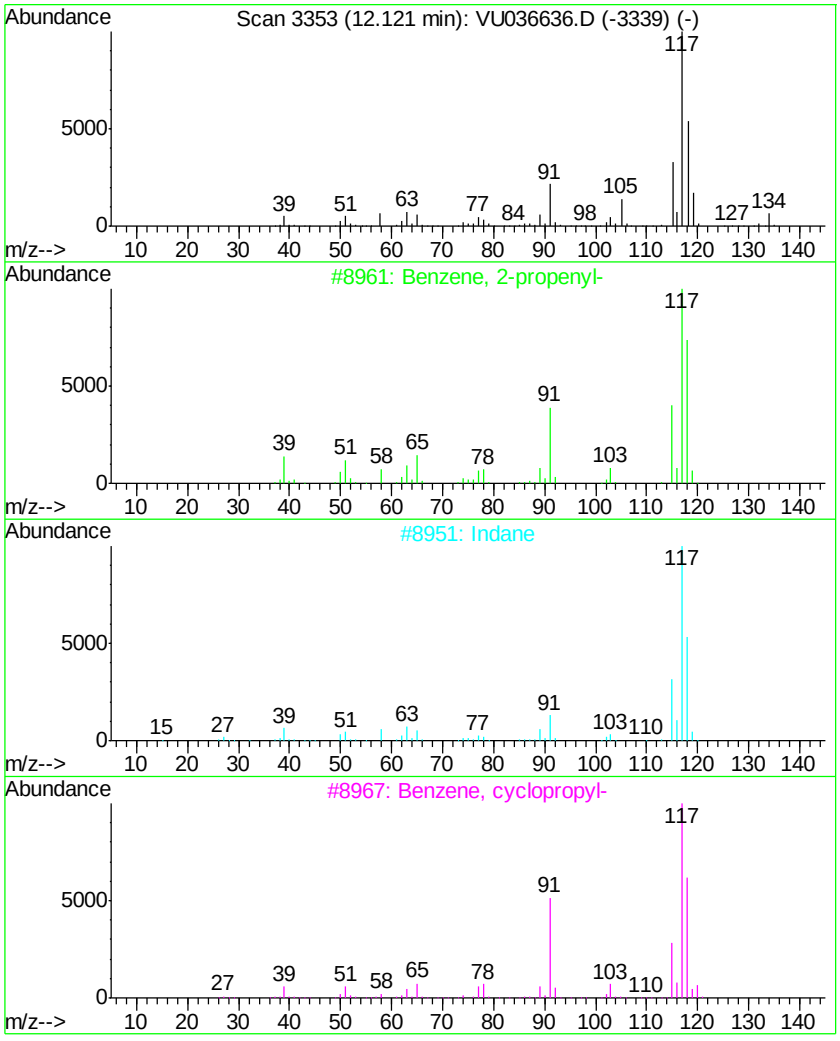
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

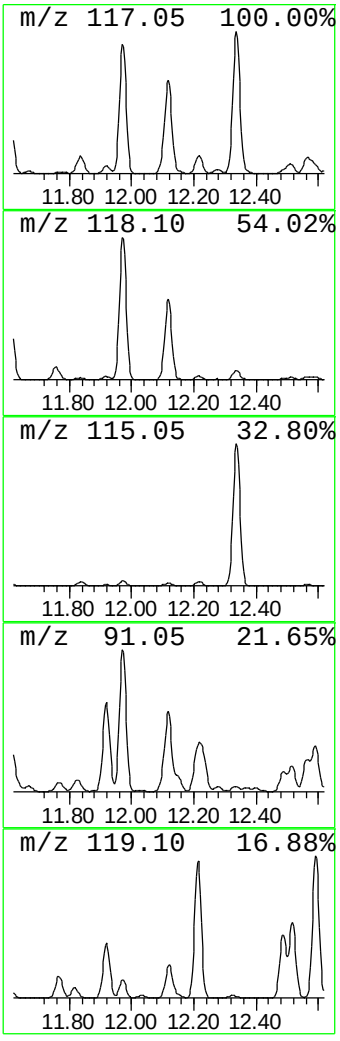
****

Peak Number 12 Benzene, 2-propenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	45.41 ug/L	857265	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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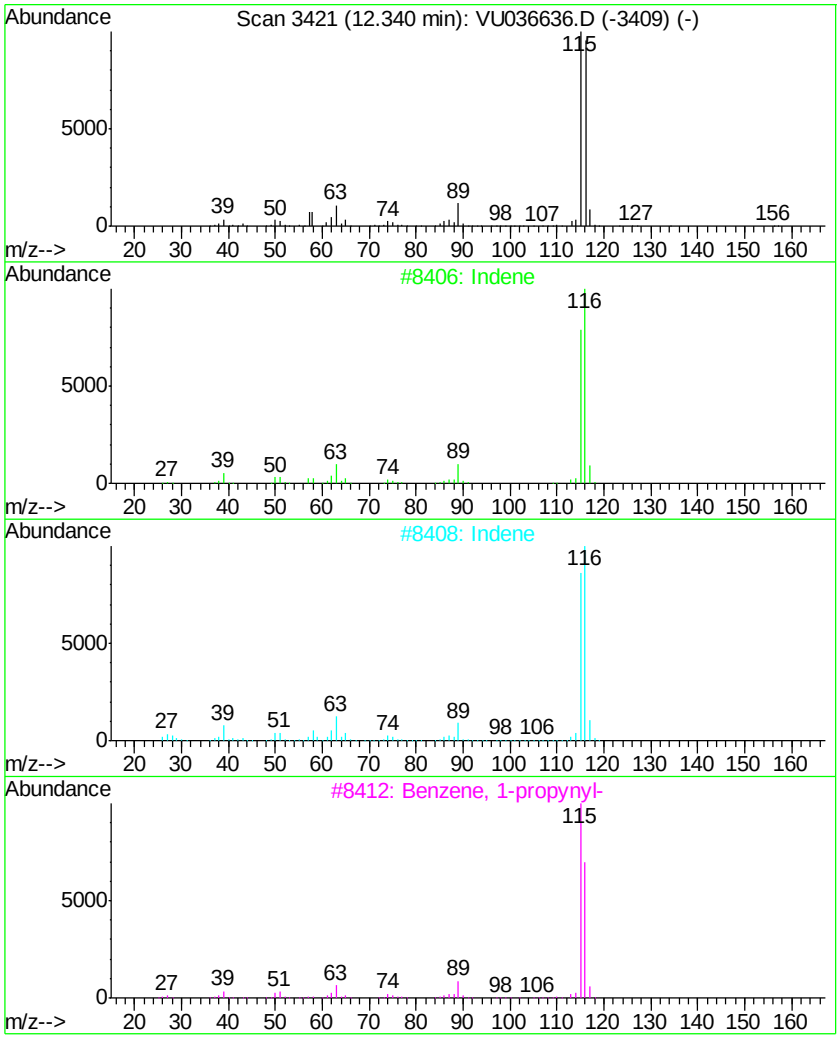
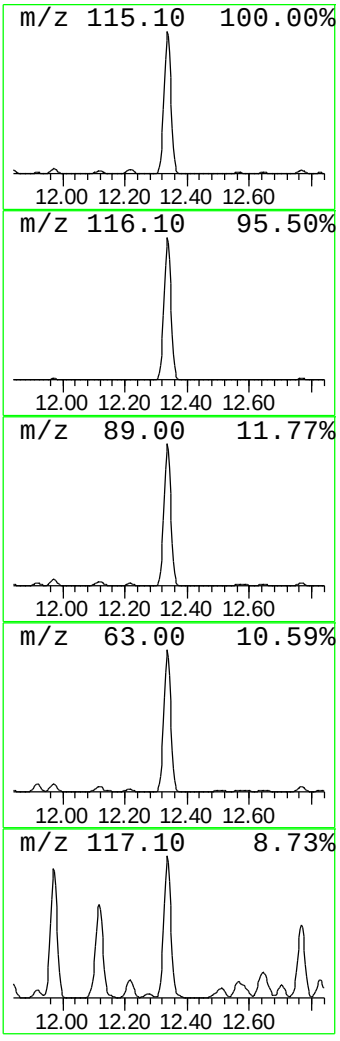
Peak Number 13 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	508.72 ug/L	9603810	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	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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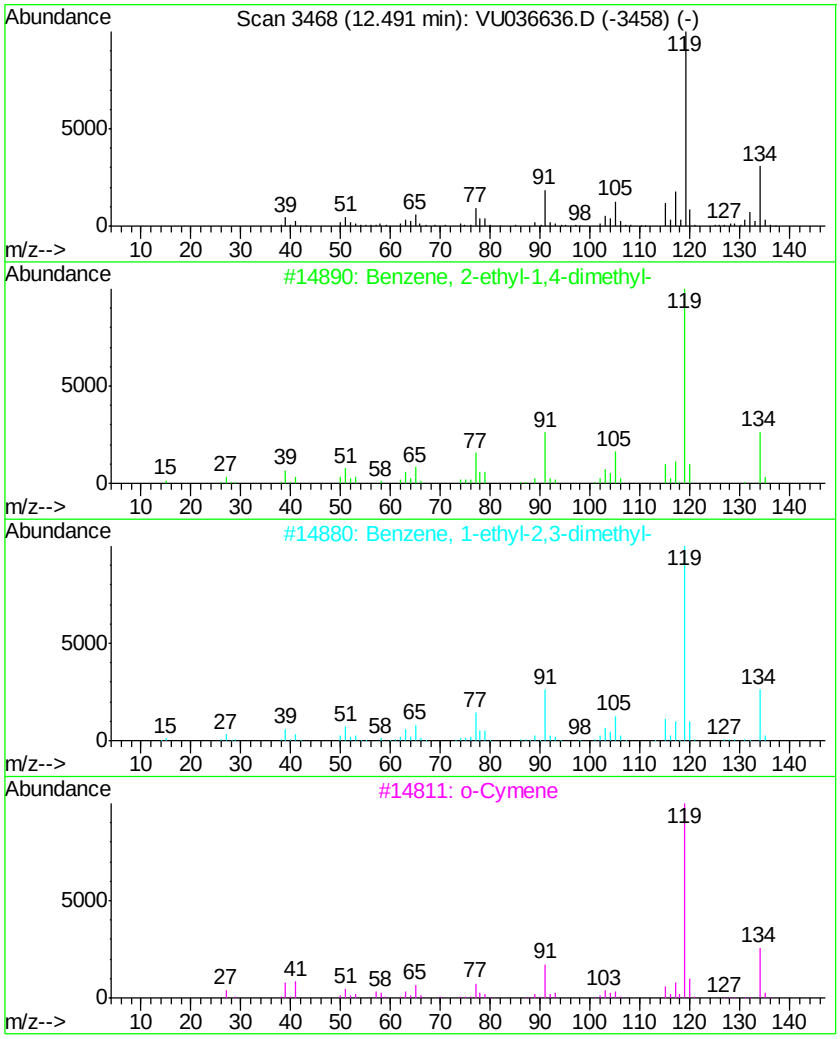
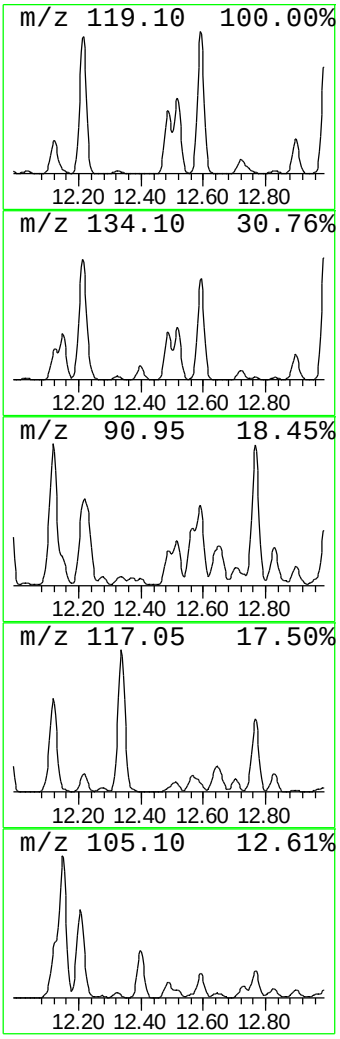
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	8.04 ug/L	151848	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	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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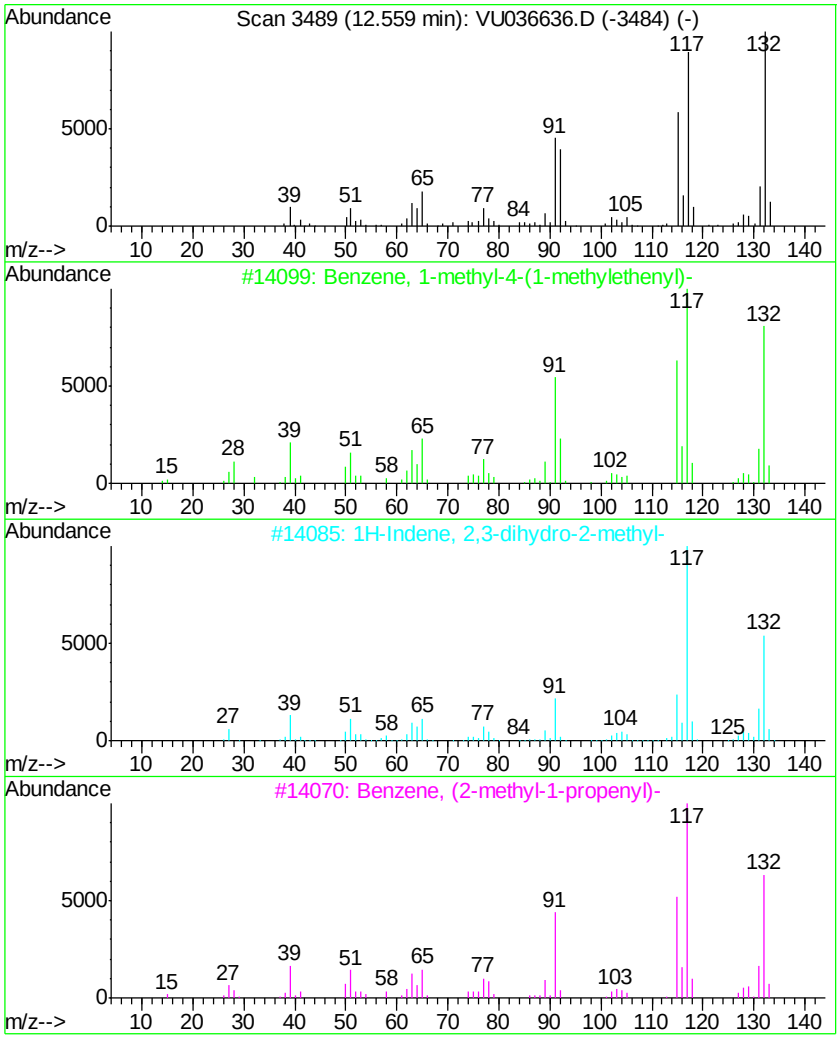
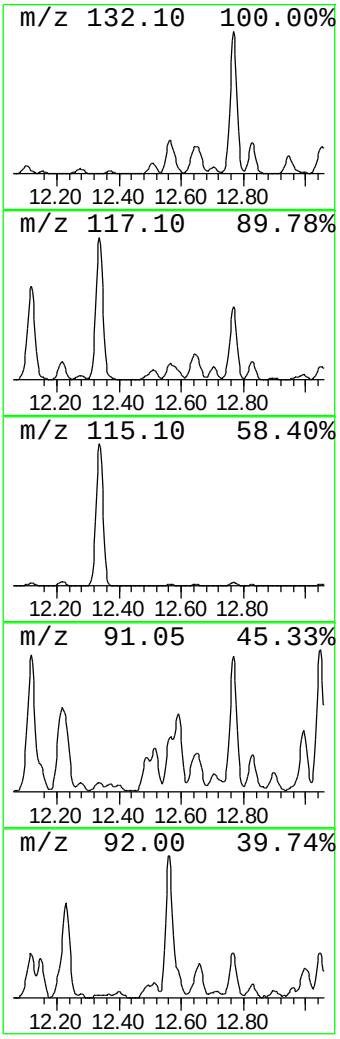
Peak Number 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	6.90 ug/L	130201	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	95
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	89
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87





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Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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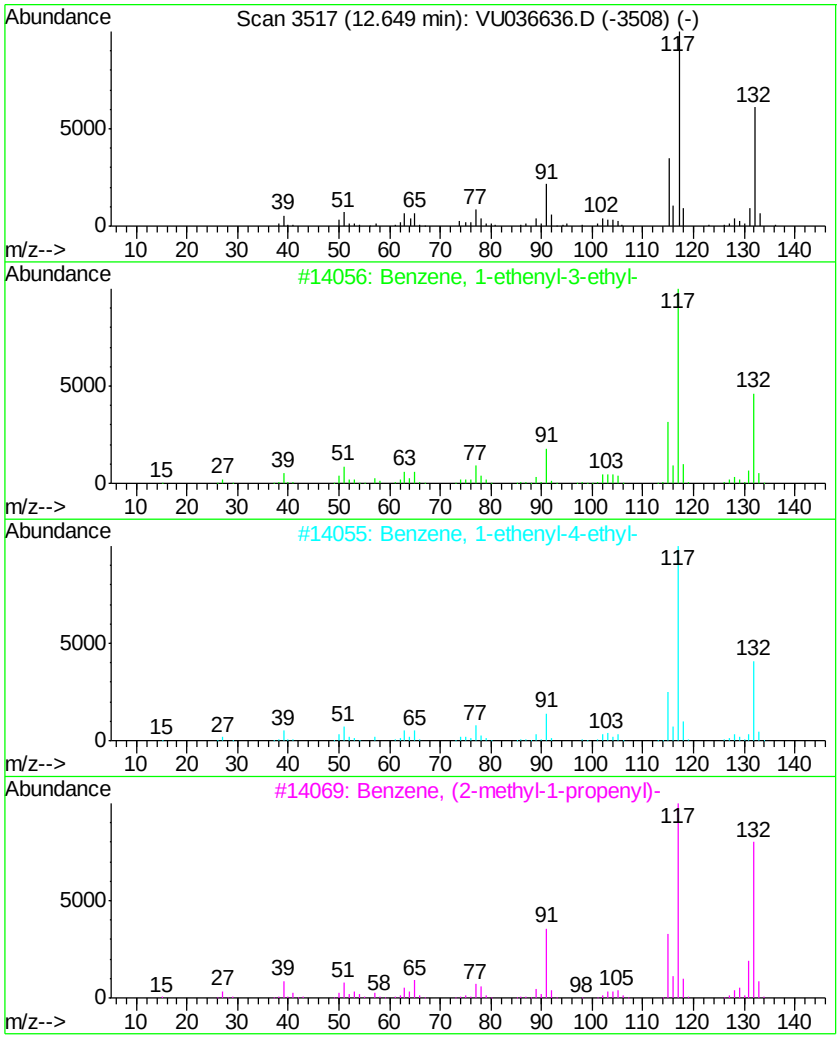
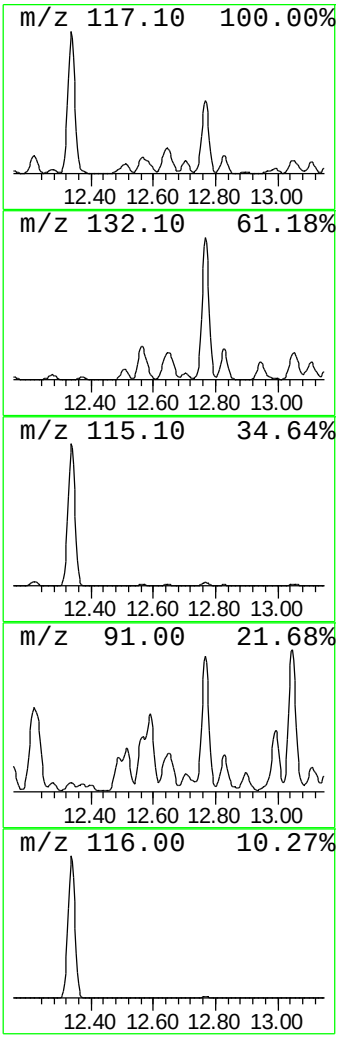
Peak Number 16 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	10.31 ug/L	194589	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	97
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	95
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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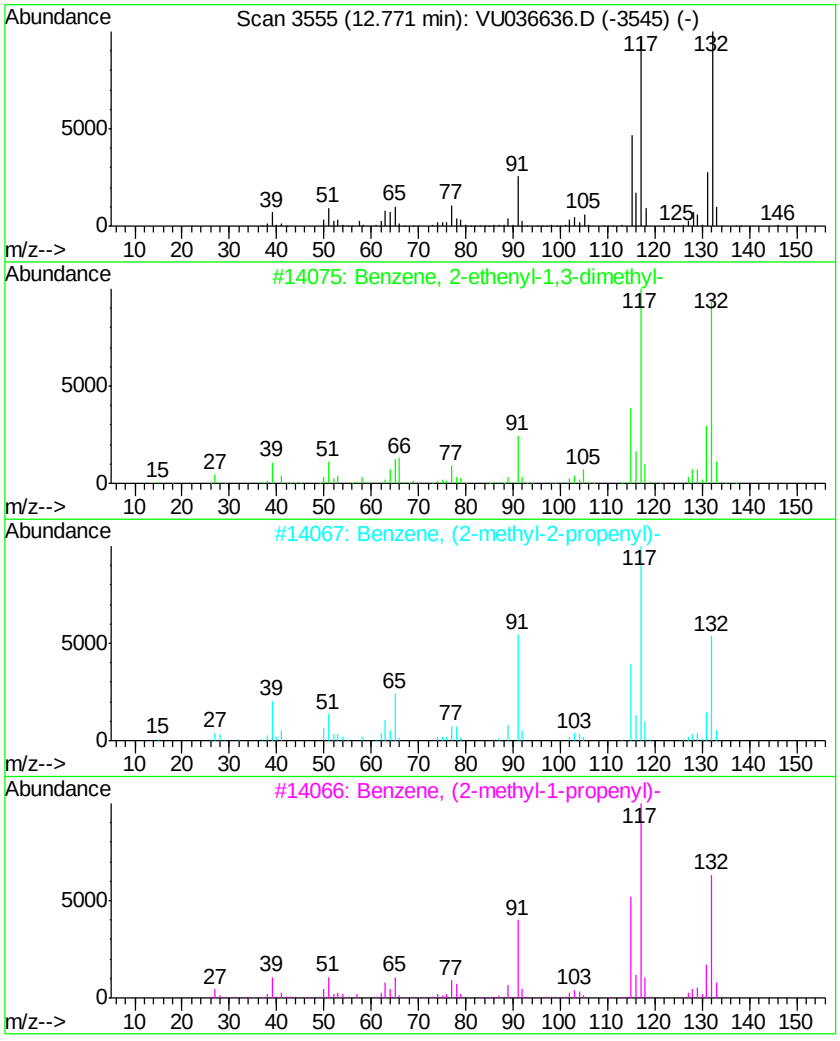
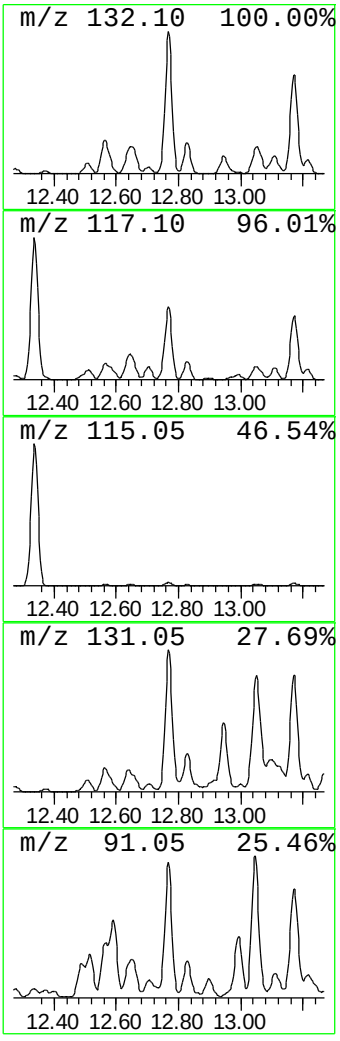
Peak Number 17 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	37.70 ug/L	711671	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	97
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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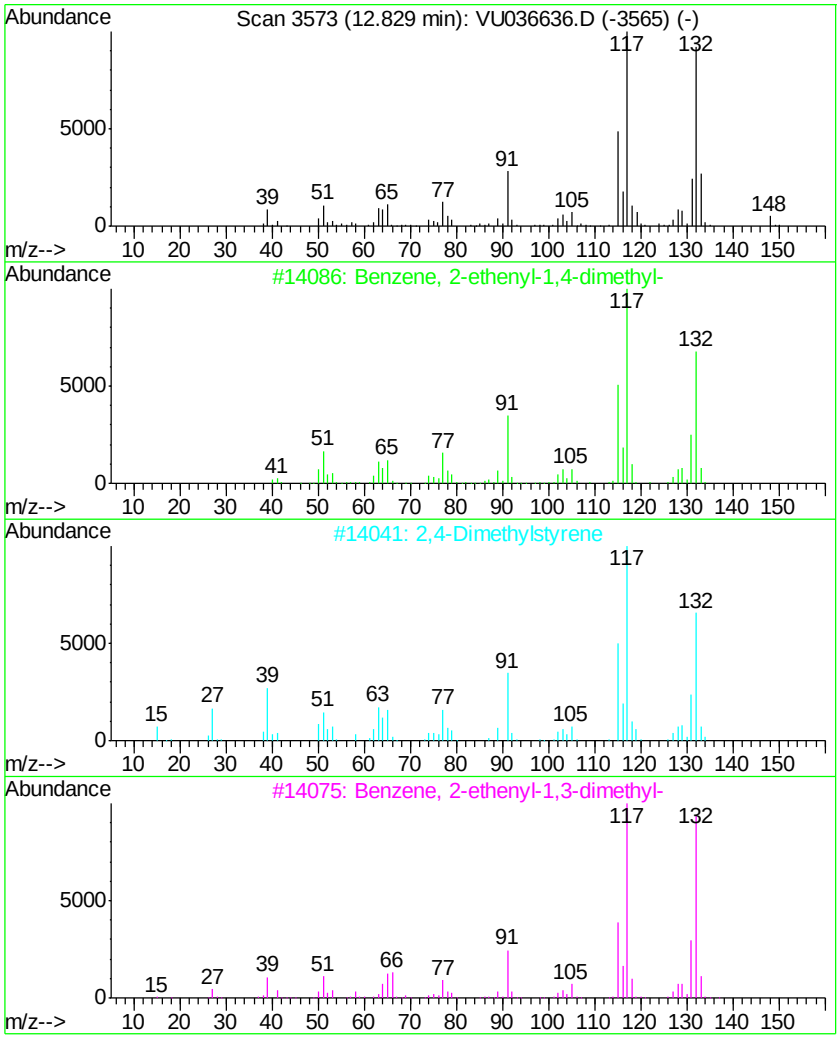
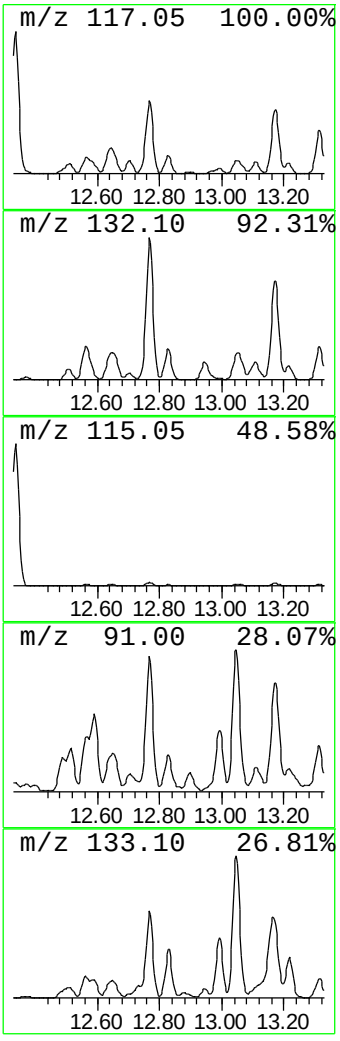
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	9.96 ug/L	187965	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93





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Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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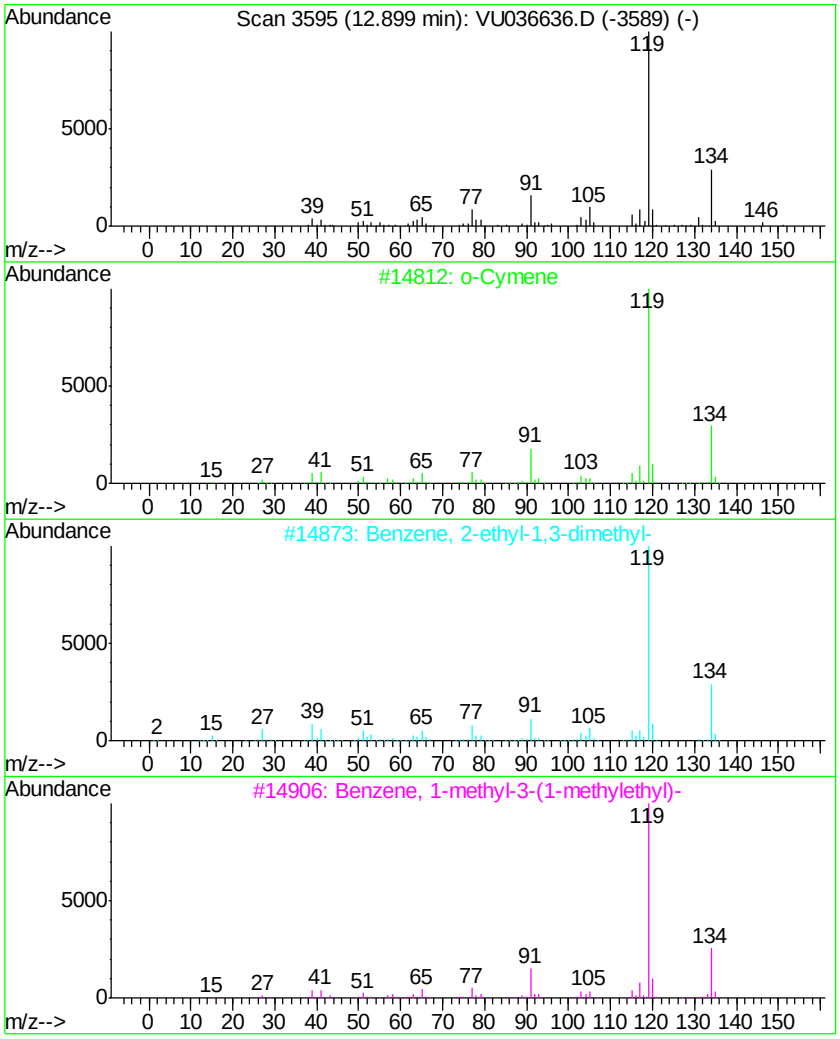
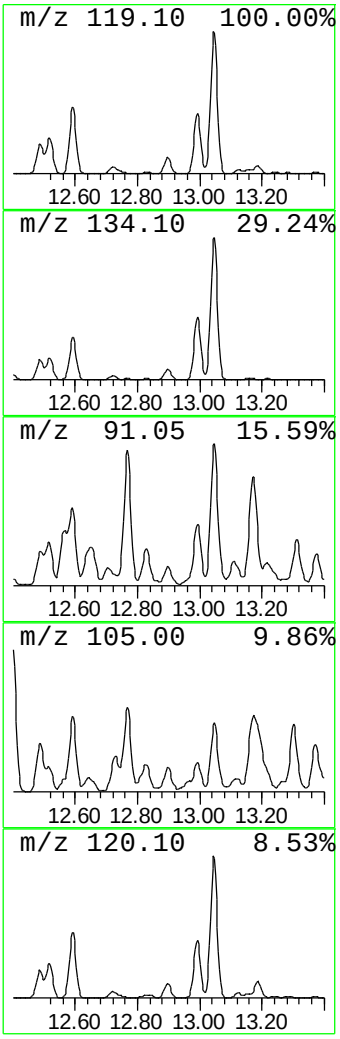
Peak Number 19 o-Cymene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.68 ug/L	50525	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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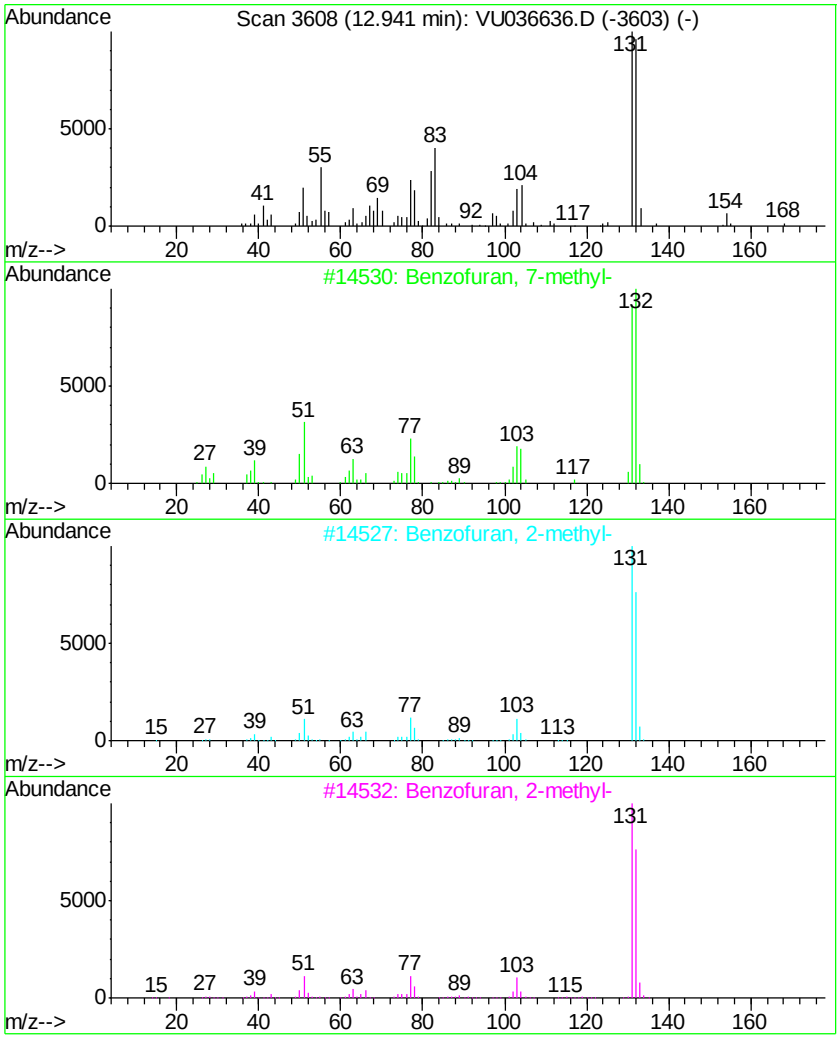
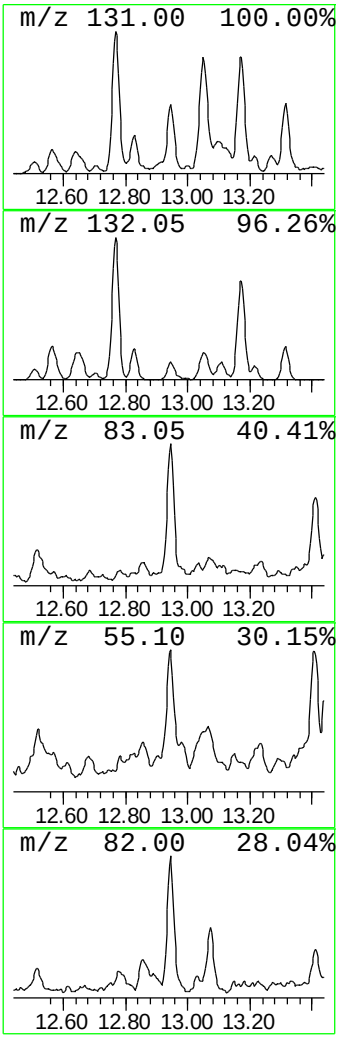
Peak Number 20 Benzofuran, 7-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	4.96 ug/L	93566	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	76
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	68
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	68
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	64





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Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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

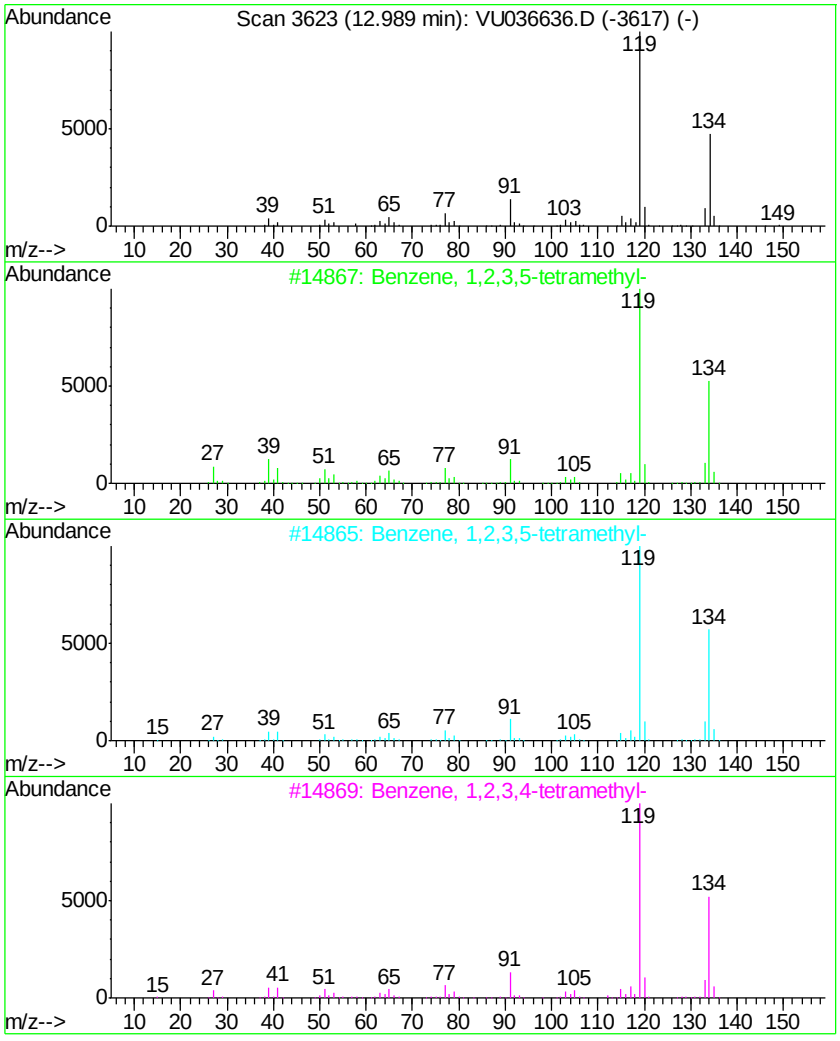
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

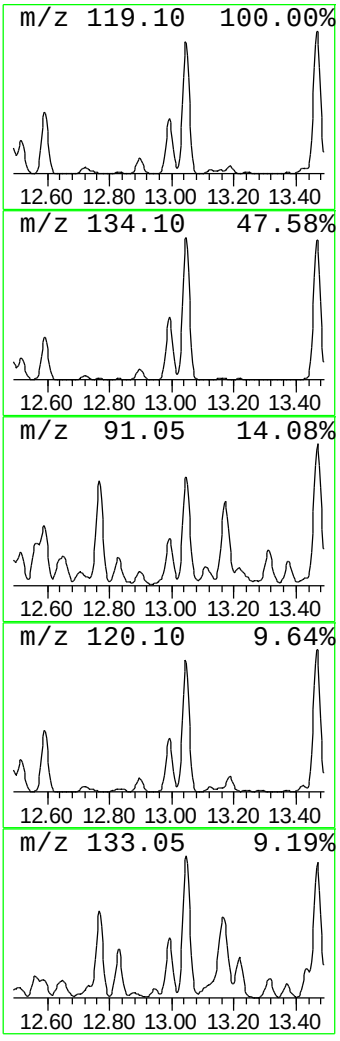
****

Peak Number 21 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	13.70 ug/L	258676	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	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





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Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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

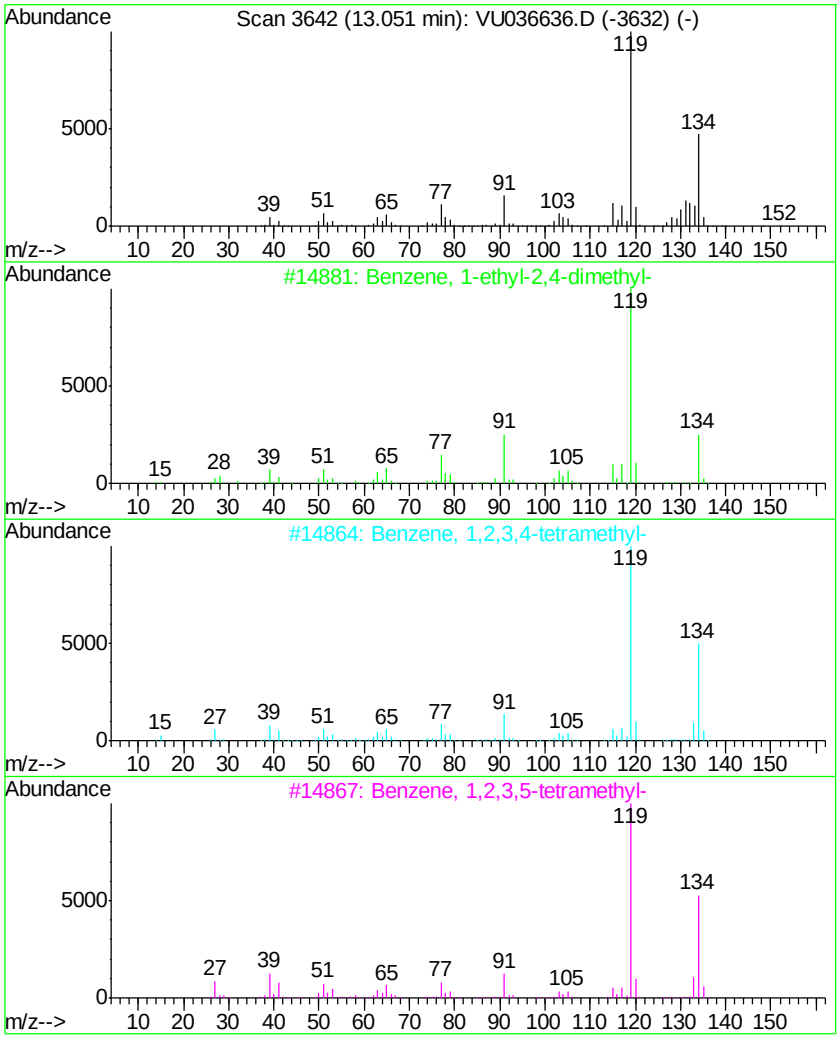
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

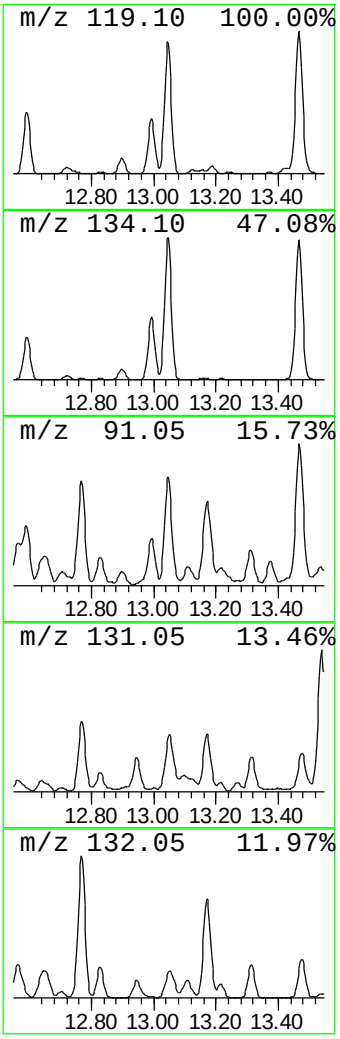
****

Peak Number 22 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	51.96 ug/L	980925	1,4-Dichlorobenzene-d4	11.84

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





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Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

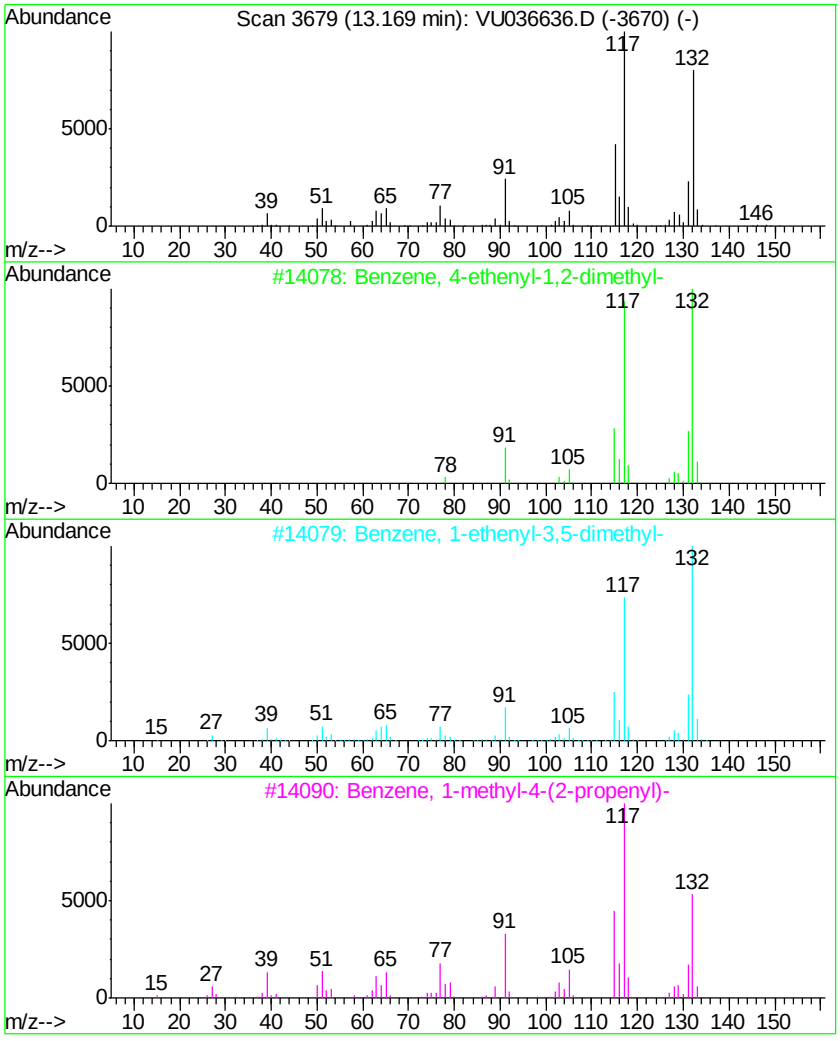
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

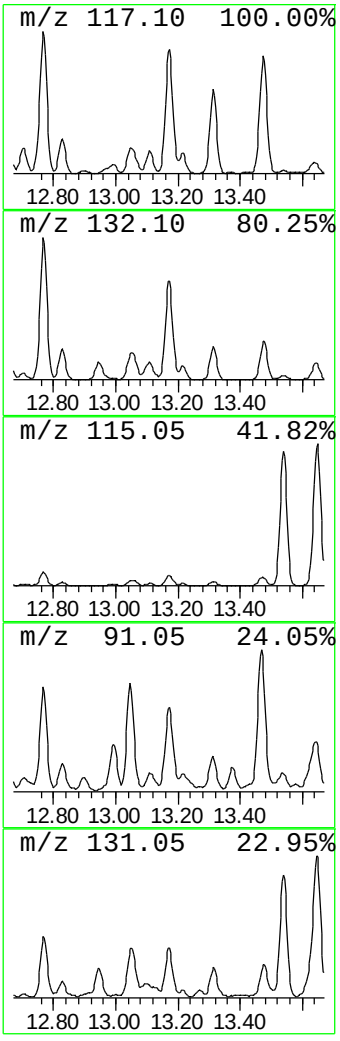
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	32.09 ug/L	605744	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	96
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96





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Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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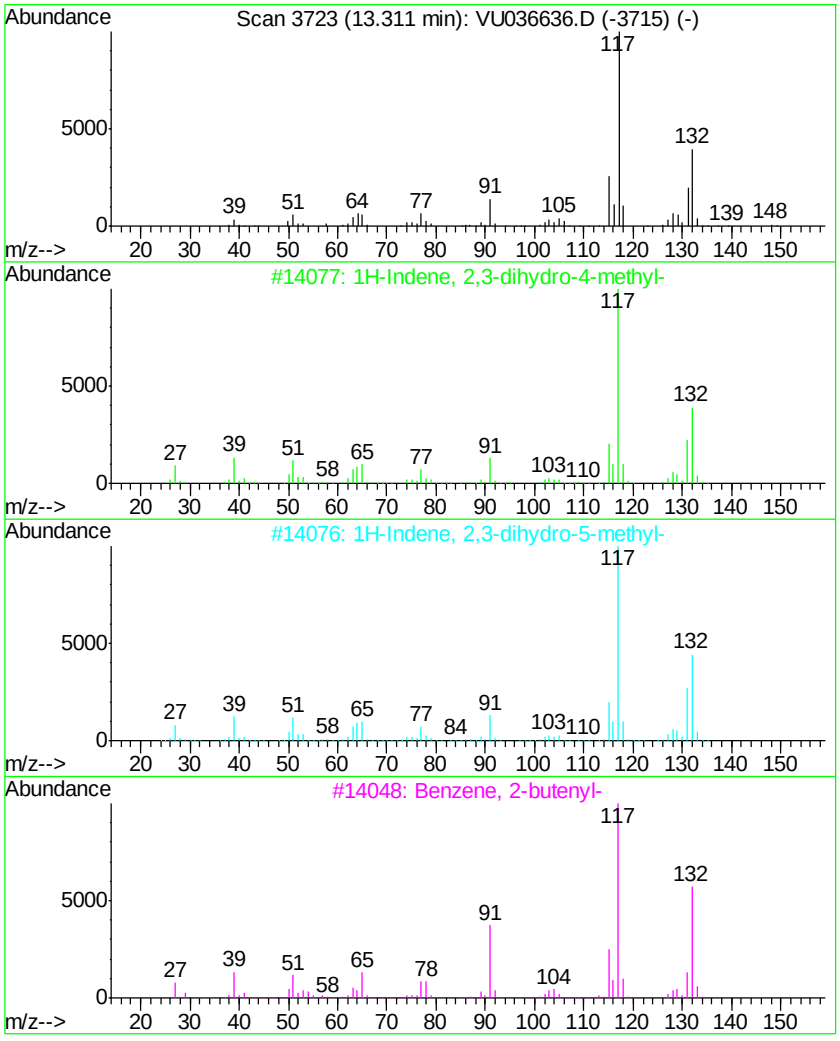
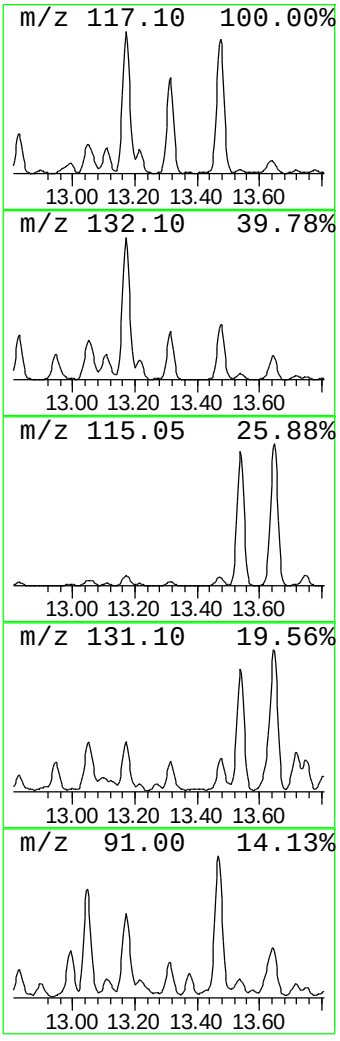
Peak Number 24 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	15.18 ug/L	286568	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	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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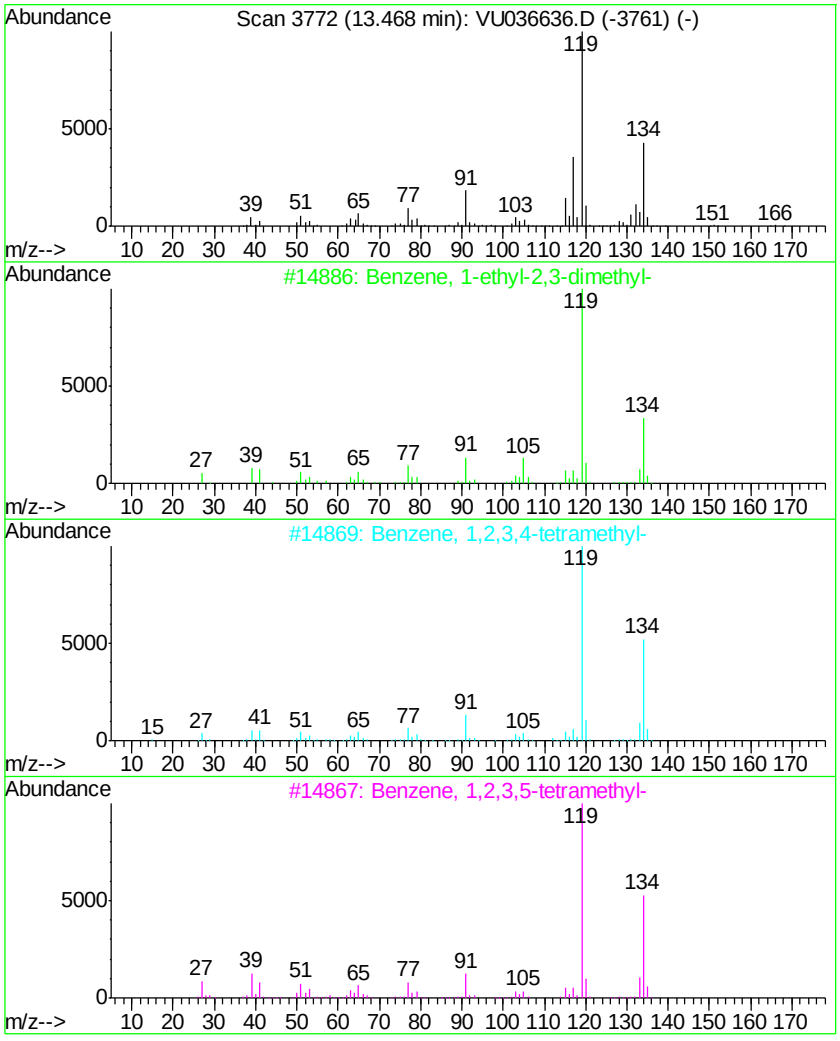
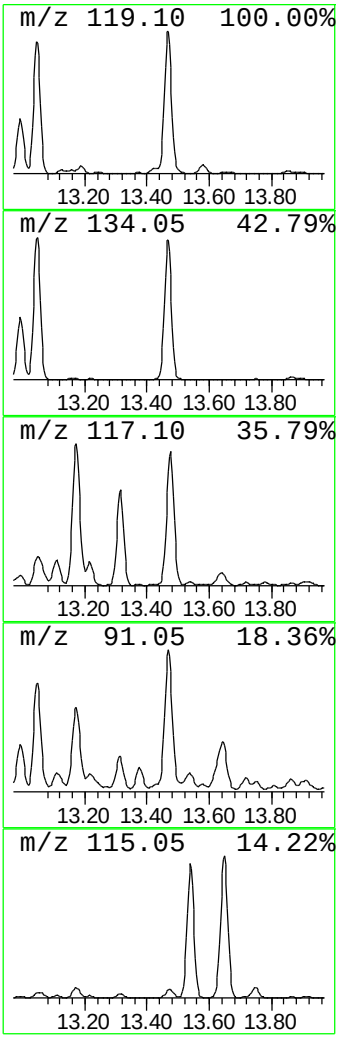
Peak Number 25 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	62.62 ug/L	1182200	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	o-Cymene	134	C10H14	000527-84-4	81





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Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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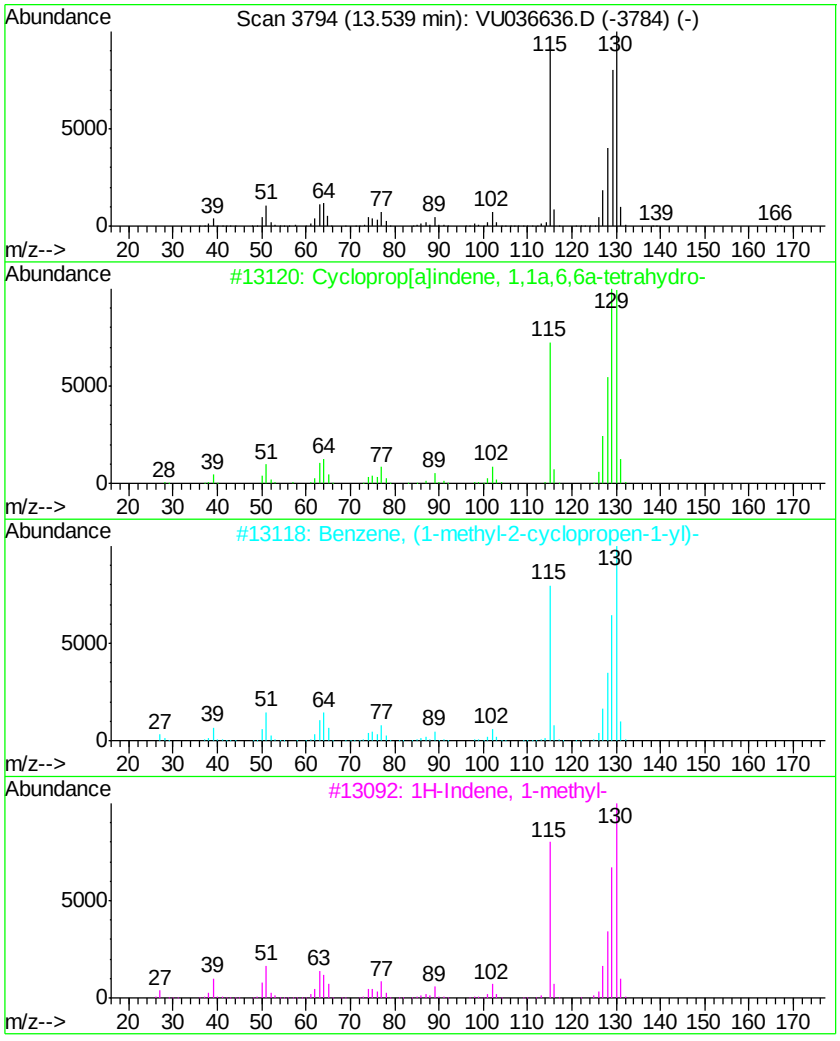
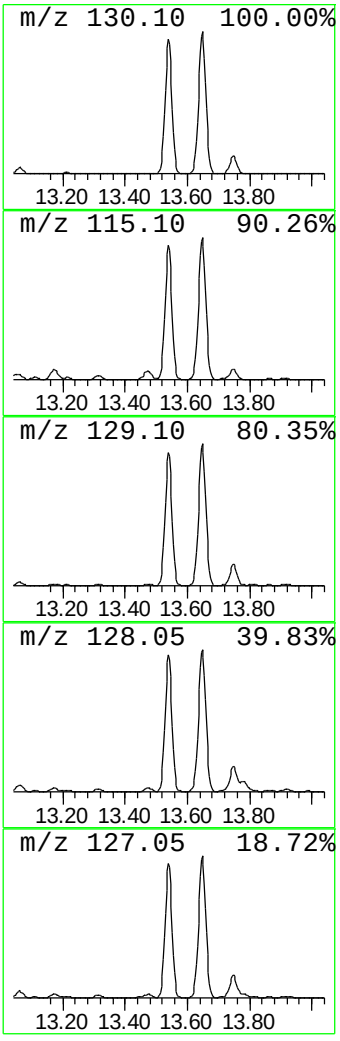
Peak Number 26 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	192.50 ug/L	3634080	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	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	2-Methylindene	130	C10H10	002177-47-1	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93





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Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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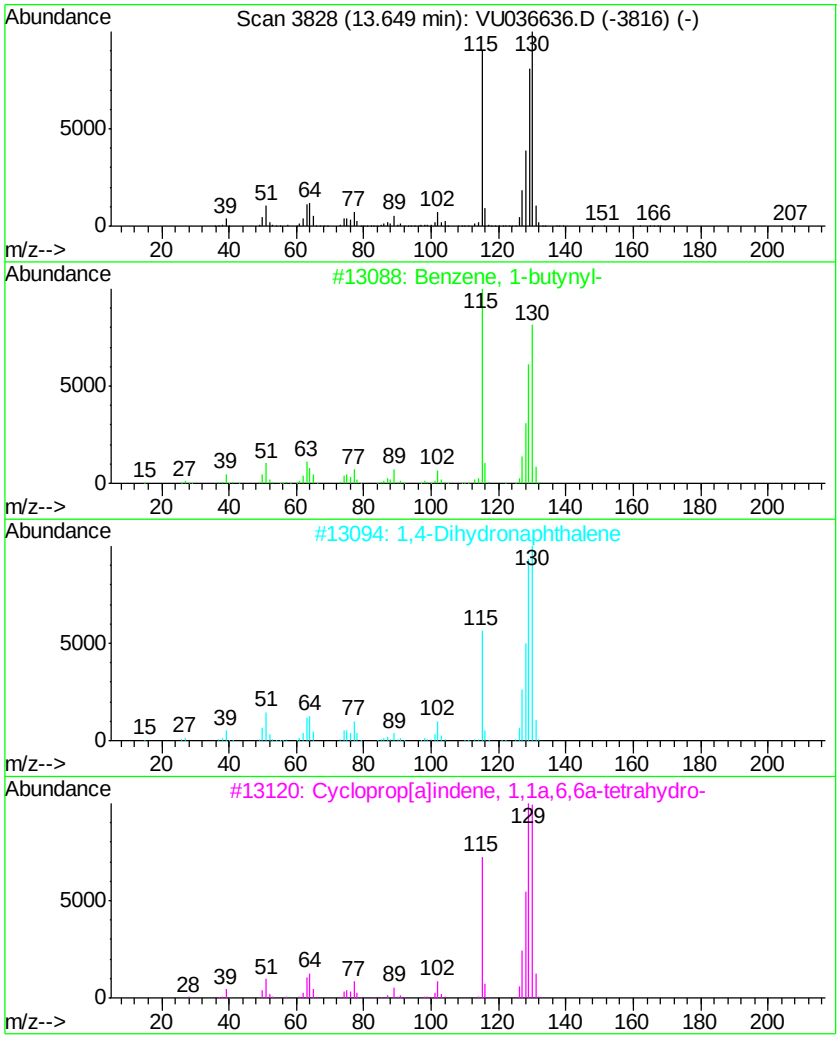
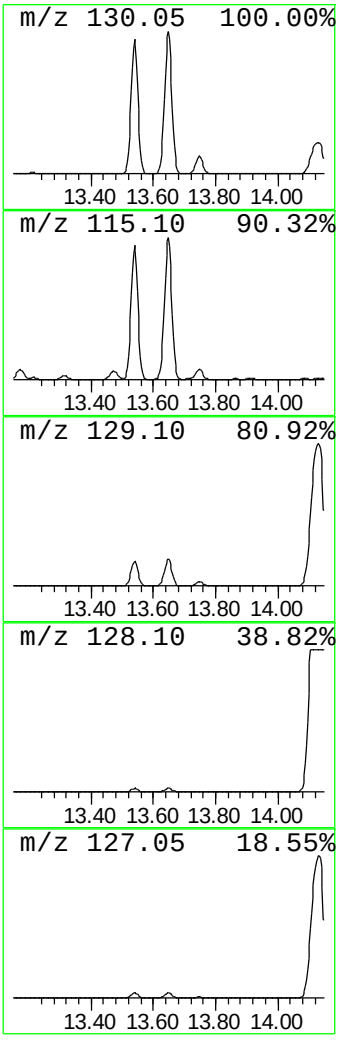
Peak Number 27 Benzene, 1-butynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	228.22 ug/L	4308390	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	2-Methylindene	130	C10H10	002177-47-1	94
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94





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Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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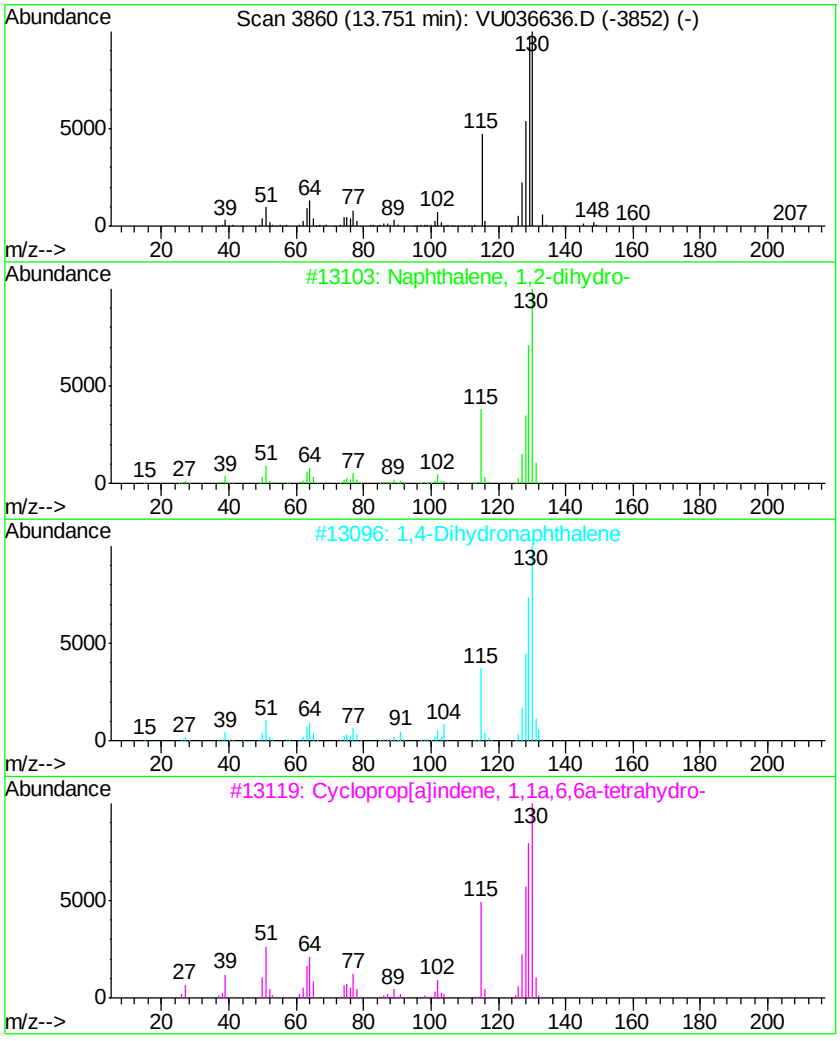
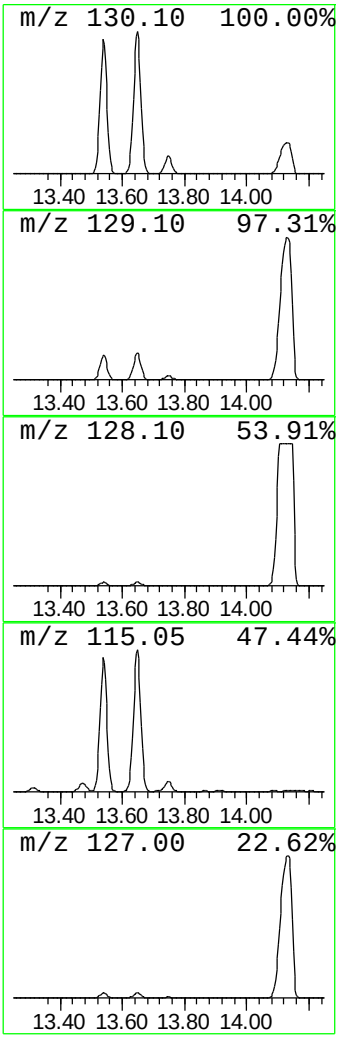
Peak Number 28 Naphthalene, 1,2-dihydro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	25.50 ug/L	481402	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	87
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	81
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	76
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	68
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	68





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Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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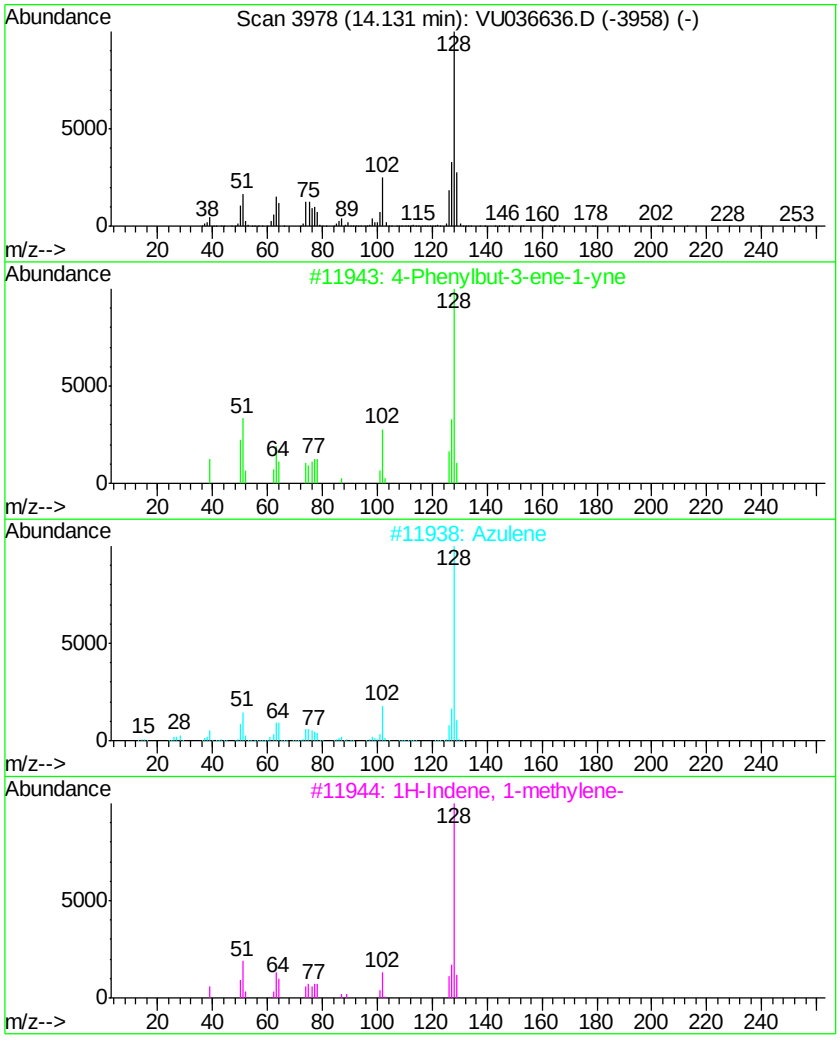
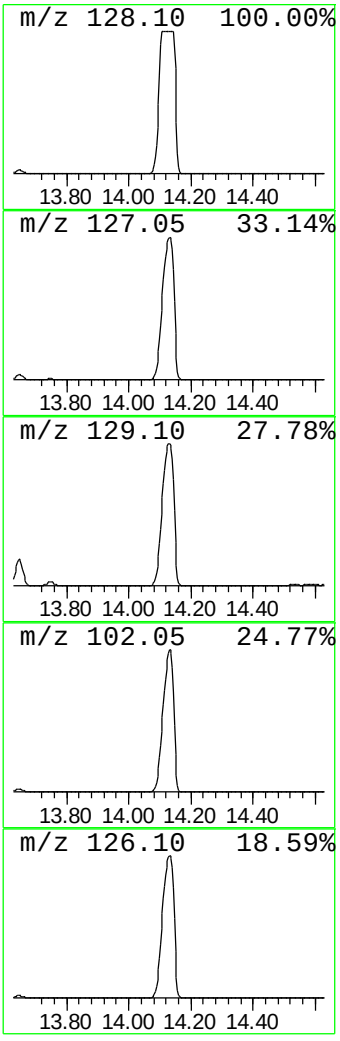
Peak Number 29 4-Phenylbut-3-ene-1-yne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	5176.69 ug/L	97728000	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	90
2	Azulene	128	C10H8	000275-51-4	87
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	83
4	Naphthalene	128	C10H8	000091-20-3	81
5	Azulene	128	C10H8	000275-51-4	81





Library Search Compound Report

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Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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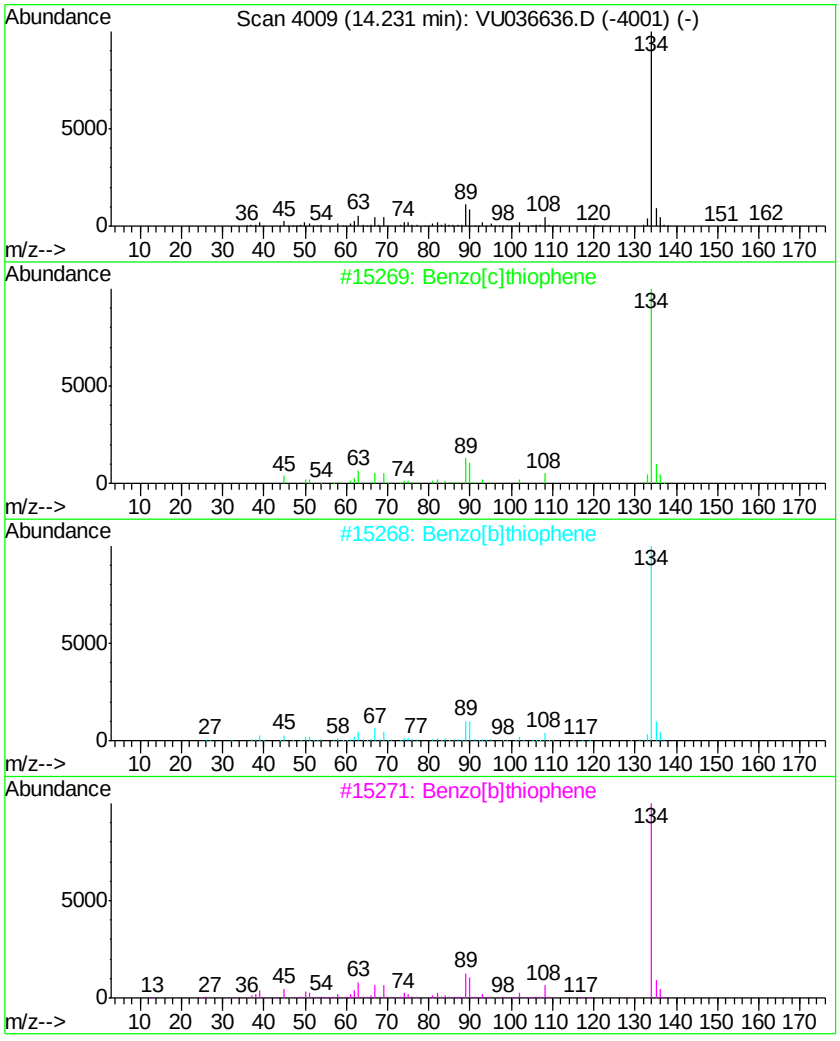
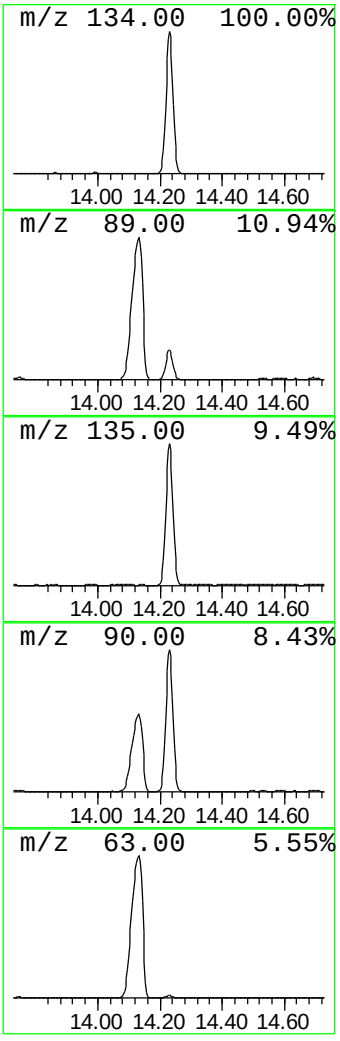
Peak Number 30 Benzo[c]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	55.07 ug/L	1039590	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Library Search Compound Report

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Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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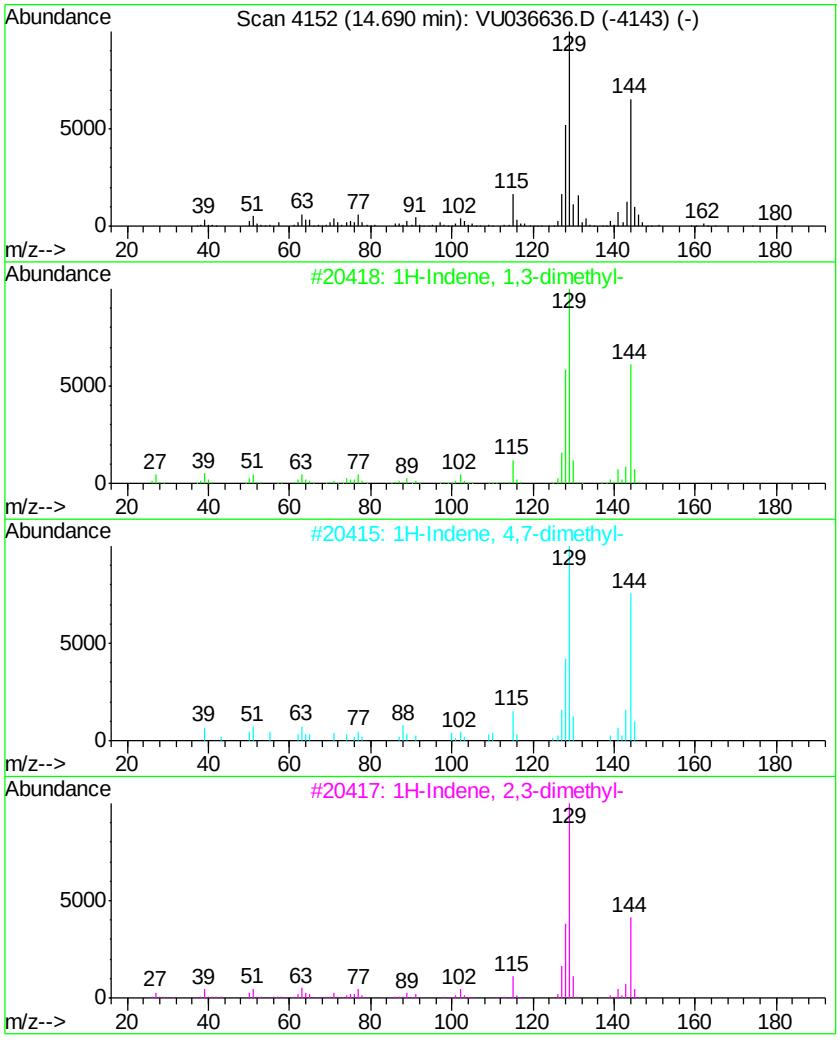
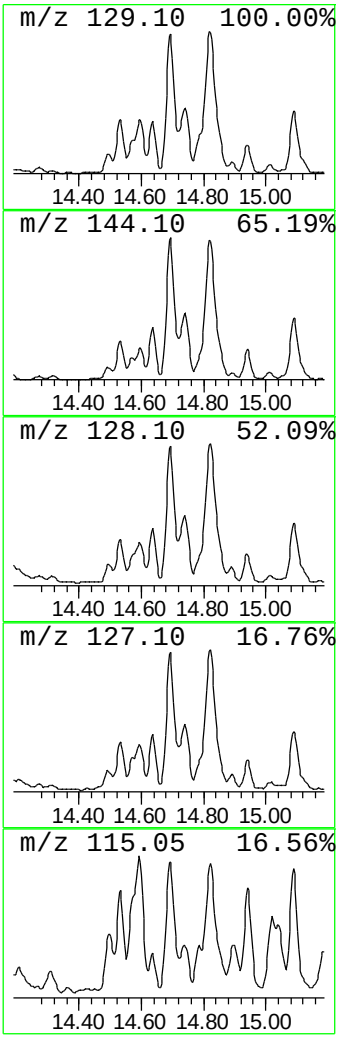
Peak Number 31 1H-Indene, 1,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	29.91 ug/L	564681	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	95
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
4	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	90
5	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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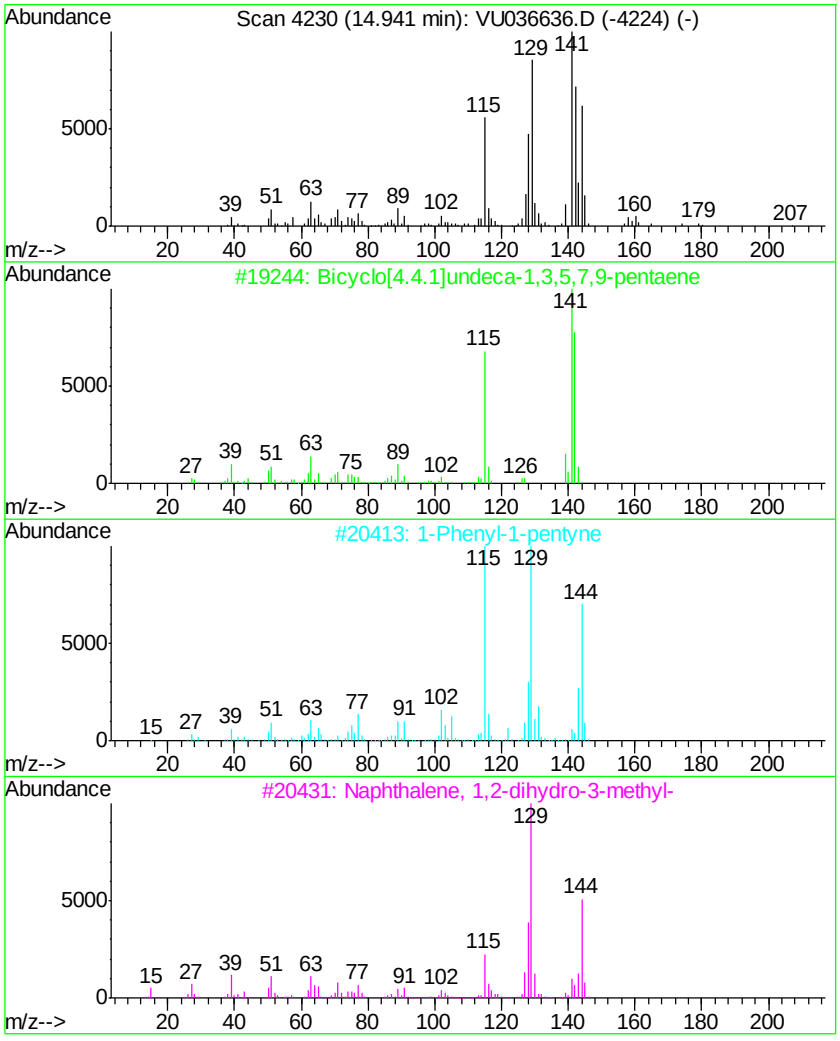
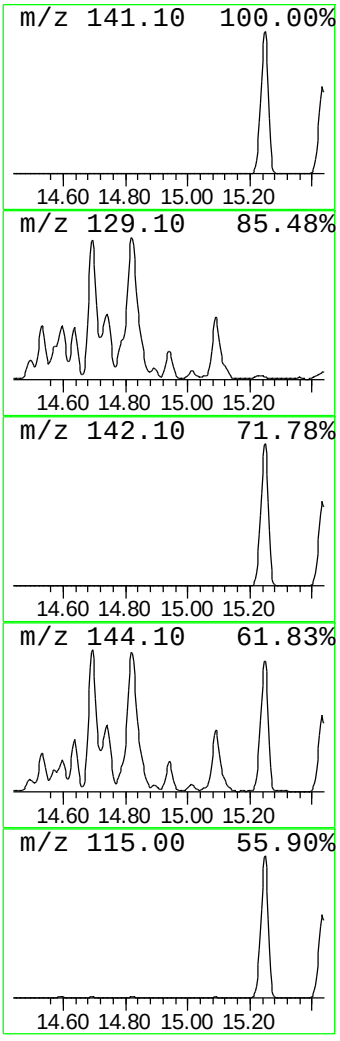
Peak Number 33 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	10.15 ug/L	191529	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	83
2	1-Phenyl-1-pentyne	144	C11H12	004250-81-1	60
3	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	55
4	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	55
5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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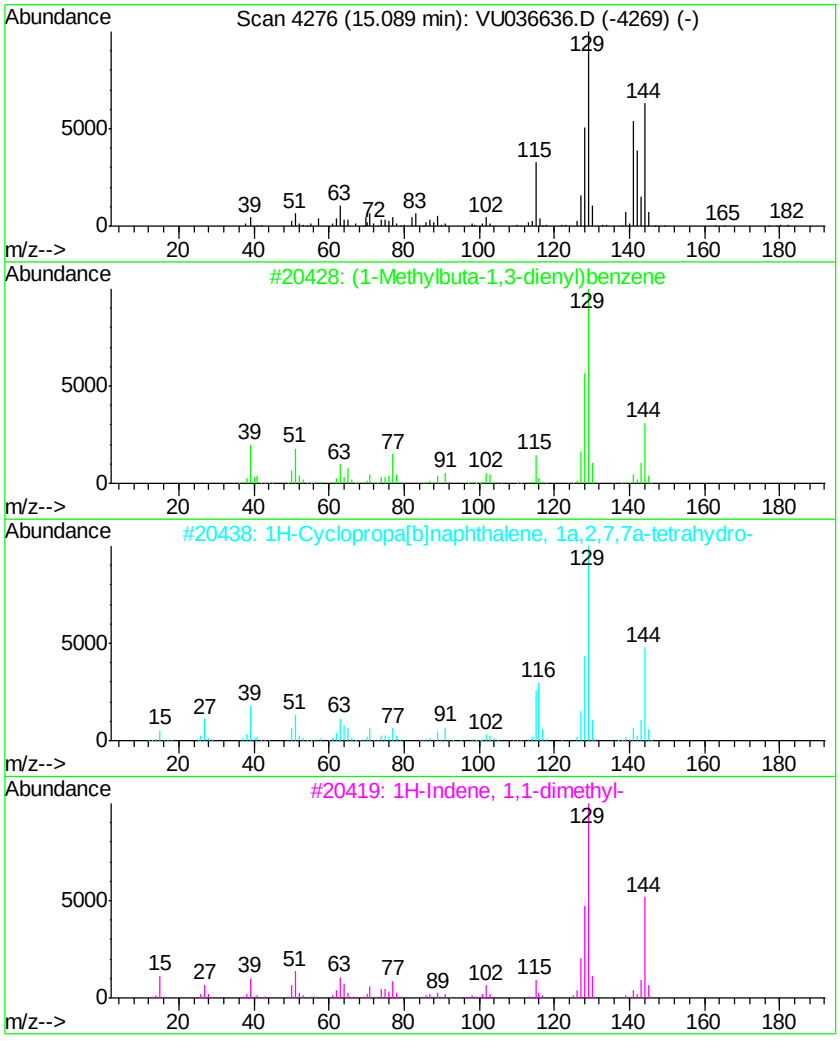
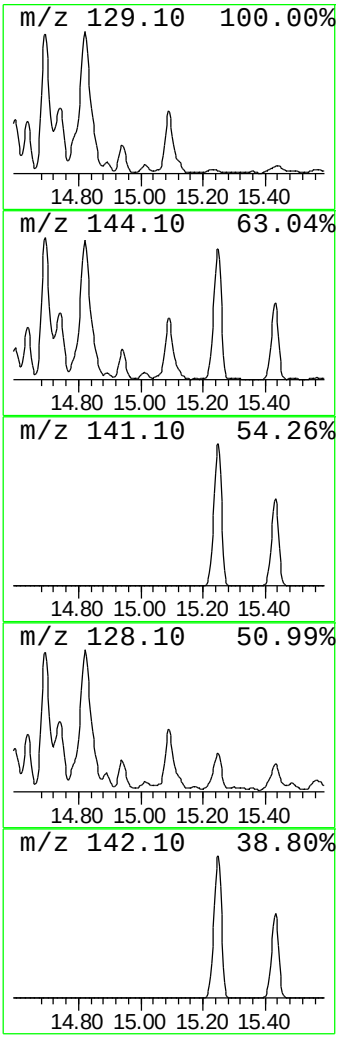
Peak Number 34 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	16.85 ug/L	318048	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	92
2	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	86
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	83
4	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	70
5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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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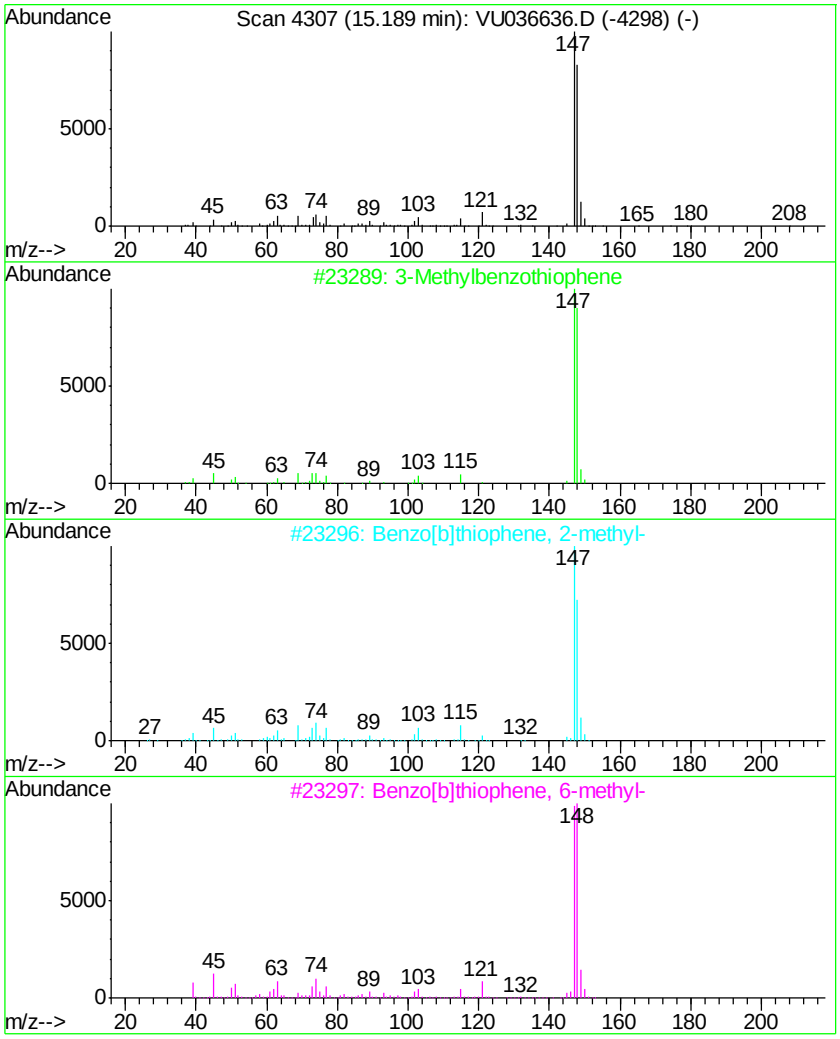
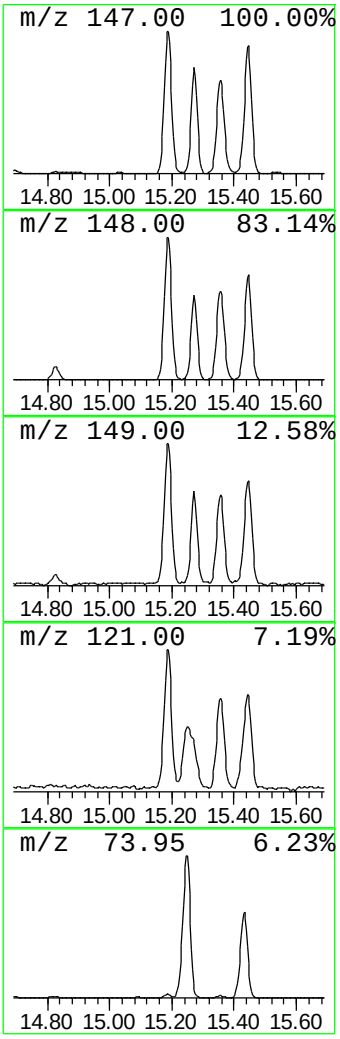
Peak Number 35 3-Methylbenzothiophene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	19.35 ug/L	365380	1,4-Dichlorobenzene-d4	11.84

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	10.93	11.6	ug/L	218365	3	11.84	943924	50.0
Benzene, 1-ethyl-...	11.02	112.0	ug/L	2114310	3	11.84	943924	50.0
Mesitylene	11.11	76.2	ug/L	1437670	3	11.84	943924	50.0
Benzene, 1-ethyl-...	11.32	32.5	ug/L	613933	3	11.84	943924	50.0
Benzene, 1,2,3-tr...	11.49	213.4	ug/L	4028320	3	11.84	943924	50.0
Benzene, 1-etheny...	11.56	64.5	ug/L	1217840	3	11.84	943924	50.0
Benzene, 1-propenyl-	11.97	47.9	ug/L	904231	3	11.84	943924	50.0
Benzene, 2-propenyl-	12.12	45.4	ug/L	857265	3	11.84	943924	50.0
Indene	12.34	508.7	ug/L	9603810	3	11.84	943924	50.0
Benzene, 2-ethyl-...	12.49	8.0	ug/L	151848	3	11.84	943924	50.0
Benzene, 1-methyl...	12.56	6.9	ug/L	130201	3	11.84	943924	50.0
Benzene, 1-etheny...	12.65	10.3	ug/L	194589	3	11.84	943924	50.0
Benzene, 2-etheny...	12.77	37.7	ug/L	711671	3	11.84	943924	50.0
Benzene, 2-etheny...	12.83	10.0	ug/L	187965	3	11.84	943924	50.0
o-Cymene	12.90	2.7	ug/L	50525	3	11.84	943924	50.0
Benzofuran, 7-met...	12.94	5.0	ug/L	93566	3	11.84	943924	50.0
Benzene, 1,2,3,5-...	12.99	13.7	ug/L	258676	3	11.84	943924	50.0
Benzene, 1-ethyl-...	13.05	52.0	ug/L	980925	3	11.84	943924	50.0
Benzene, 4-etheny...	13.17	32.1	ug/L	605744	3	11.84	943924	50.0
1H-Indene, 2,3-di...	13.31	15.2	ug/L	286568	3	11.84	943924	50.0
Benzene, 1-ethyl-...	13.47	62.6	ug/L	1182200	3	11.84	943924	50.0
Cycloprop[a]inden...	13.54	192.5	ug/L	3634080	3	11.84	943924	50.0
Benzene, 1-butynyl-	13.65	228.2	ug/L	4308390	3	11.84	943924	50.0
Naphthalene, 1,2-...	13.75	25.5	ug/L	481402	3	11.84	943924	50.0
4-Phenylbut-3-ene...	14.13	5176.7	ug/L	97728000	3	11.84	943924	50.0
Benzo[c]thiophene	14.23	55.1	ug/L	1039590	3	11.84	943924	50.0
1H-Indene, 1,3-di...	14.69	29.9	ug/L	564681	3	11.84	943924	50.0
Bicyclo[4.4.1]und...	14.94	10.2	ug/L	191529	3	11.84	943924	50.0
(1-Methylbuta-1,3...	15.09	16.9	ug/L	318048	3	11.84	943924	50.0
3-Methylbenzothio...	15.19	19.4	ug/L	365380	3	11.84	943924	50.0