LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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	1.610	76	84	97	rBV	101410	108689	1.01%	0.134%
2	1.890	165	171	184	rVB	41724	52788	0.49%	0.065%
3	2.575	371	384	405	rBV	166492	272480	2.54%	0.336%
4	2.662	405	411	421	rVV2	2667	4582	0.04%	0.006%
5	2.806	452	456	460	rVB2	362	309	0.00%	0.000%
6	3.070	532	538	546	rVV3	1101	1684	0.02%	0.002%
7	3.218	569	584	600	rBV2	16230	38558	0.36%	0.047%
8	4.237	895	901	903	rBV	183	227	0.00%	0.000%
9	4.314	922	925	931	rBV	191	285	0.00%	0.000%
10	4.594	1005	1012	1016	rBV	399	598	0.01%	0.001%
11	4.681	1024	1039	1074	rVB2	67401	203858	1.90%	0.251%
12	4.996	1134	1137	1140	rBV2	271	223	0.00%	0.000%
13	5.105	1153	1171	1192	rVV	144351	328025	3.05%	0.404%
14	5.330	1236	1241	1246	rBV2	497	739	0.01%	0.001%
15	5.761	1353	1375	1403	rBV2	344268	902787	8.40%	1.112%
16	6.150	1490	1496	1501	rBV2	249	333	0.00%	0.000%
17	6.285	1522	1538	1561	rBV	332416	622071	5.79%	0.766%
18	6.562	1611	1624	1634	rVB	8482	16522	0.15%	0.020%
19	6.639	1641	1648	1658	rVB2	561	979	0.01%	0.001%
20	6.726	1660	1675	1693	rBV	203907	390412	3.63%	0.481%
21	6.838	1706	1710	1718	rVB4	556	579	0.01%	0.001%
22	6.896	1722	1728	1729	rBV2	240	238	0.00%	0.000%
23	7.211	1818	1826	1837	rBV4	1664	2778	0.03%	0.003%
24	7.597	1933	1946	1961	rBV	118699	205188	1.91%	0.253%
25	7.716	1975	1983	1984	rBV2	1053	967	0.01%	0.001%
26	7.784	1999	2004	2008	rBV2	635	549	0.01%	0.001%
27	7.822	2008	2016	2025	rVB5	1195	2167	0.02%	0.003%
28	7.880	2029	2034	2035	rBV	301	232	0.00%	0.000%
29	7.928	2035	2049	2060	rBV	451168	769521	7.16%	0.948%
30	7.999	2060	2071	2087	rVB	991848	1647153	15.32%	2.029%
31	8.208	2125	2136	2155	rVB	81815	137066	1.28%	0.169%
32	8.304	2157	2166	2175	rVB2	2010	3522	0.03%	0.004%
33	8.581	2239	2252	2267	rBV	474373	791196	7.36%	0.975%
34	8.671	2267	2280	2303	rVV	320804	553920	5.15%	0.682%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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	8.803	2318	2321	2324	rBV2	368	261	0.00%	0.000%
36	8.829	2327	2329	2337	rVB4	624	471	0.00%	0.001%
37	8.890	2340	2348	2355	rBV4	1537	2145	0.02%	0.003%
38	8.951	2360	2367	2375	rBV3	1900	3150	0.03%	0.004%
39	8.986	2375	2378	2383	rVB	372	256	0.00%	0.000%
40	9.079	2398	2407	2422	rVB4	2085	3371	0.03%	0.004%
41	9.150	2422	2429	2432	rBV4	1404	1694	0.02%	0.002%
42	9.234	2447	2455	2465	rVB6	2800	4261	0.04%	0.005%
43	9.288	2465	2472	2482	rBV3	1023	1239	0.01%	0.002%
44	9.356	2482	2493	2501	rVB5	3654	5080	0.05%	0.006%
45	9.446	2506	2521	2536	rBV	480556	793344	7.38%	0.977%
46	9.597	2555	2568	2586	rBV	275363	440422	4.10%	0.542%
47	9.719	2589	2606	2618	rBV	1969463	3200963	29.78%	3.943%
48	9.886	2650	2658	2673	rVV7	4596	9320	0.09%	0.011%
49	9.976	2680	2686	2695	rBV6	2208	3174	0.03%	0.004%
50	10.041	2696	2706	2709	rBV5	3294	5055	0.05%	0.006%
51	10.137	2720	2736	2760	rVB4	1805823	3571897	33.23%	4.400%
52	10.272	2767	2778	2784	rBV2	8091	15543	0.14%	0.019%
53	10.378	2804	2811	2818	rBV6	7408	11961	0.11%	0.015%
54	10.507	2841	2851	2859	rBV	12571	20560	0.19%	0.025%
55	10.716	2910	2916	2924	rBV7	3388	5278	0.05%	0.007%
56	10.783	2924	2937	2948	rBV	323309	527536	4.91%	0.650%
57	10.851	2950	2958	2969	rVB	52944	87275	0.81%	0.107%
58	10.928	2973	2982	2991	rBV	73142	111616	1.04%	0.137%
59	11.021	3000	3011	3024	rBV	264191	588136	5.47%	0.724%
60	11.111	3032	3039	3065	rVB	361957	654995	6.09%	0.807%
61	11.336	3092	3109	3120	rBV2	130137	336721	3.13%	0.415%
62	11.436	3133	3140	3143	rBV2	17345	22963	0.21%	0.028%
63	11.488	3144	3156	3167	rVV	959968	1507797	14.03%	1.857%
64	11.558	3167	3178	3187	rVV	991209	1502862	13.98%	1.851%
65	11.607	3187	3193	3205	rVB	330185	485499	4.52%	0.598%
66	11.835	3252	3264	3275	rBV	553562	892674	8.31%	1.100%
67	11.915	3279	3289	3298	rVV	358830	551196	5.13%	0.679%
68	11.967	3298	3305	3315	rVB	167341	240683	2.24%	0.296%
69	12.115	3344	3351	3359	rBV	208606	316929	2.95%	0.390%
70	12.214	3372	3382	3395	rVB2	629059	1069382	9.95%	1.317%
71	12.333	3403	3419	3432	rVB	1814402	3035332	28.24%	3.739%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	12.513	3459	3475	3482	rBV4	83958	202024	1.88%	0.249%
73	12.562	3483	3490	3493	rBV2	61878	83495	0.78%	0.103%
74	12.764	3545	3553	3564	rVB	307033	472565	4.40%	0.582%
75	12.825	3566	3572	3587	rVB3	72873	122145	1.14%	0.150%
76	13.047	3632	3641	3654	rBV3	264111	503205	4.68%	0.620%
77	13.169	3670	3679	3688	rBV2	185060	316006	2.94%	0.389%
78	13.407	3748	3753	3758	rBV3	57023	67970	0.63%	0.084%
79	13.465	3759	3771	3784	rVV4	330138	733631	6.83%	0.904%
80	13.536	3785	3793	3803	rVB	379685	566233	5.27%	0.697%
81	13.645	3818	3827	3839	rVB	929675	1518792	14.13%	1.871%
82	13.745	3853	3858	3869	rVB2	99119	139511	1.30%	0.172%
83	14.105	3958	3970	3990	rVB	4660488	7498636	69.77%	9.236%
84	14.690	4145	4152	4161	rBV2	168889	279370	2.60%	0.344%
85	15.240	4311	4323	4351	rVB	6038859	9532391	88.69%	11.741%
86	15.426	4369	4381	4406	rVB	6748904	10748303	100.00%	13.239%
87	15.967	4538	4549	4560	rBV	1932171	2914883	27.12%	3.590%
88	16.159	4602	4609	4616	rBV	345742	457403	4.26%	0.563%
89	16.275	4633	4645	4667	rBV	2264148	3923411	36.50%	4.833%
90	16.423	4680	4691	4698	rBV	2836429	4666014	43.41%	5.747%
91	16.462	4699	4703	4717	rVB	1468652	1971575	18.34%	2.428%
92	16.555	4722	4732	4743	rVB	505499	783845	7.29%	0.965%
93	16.651	4744	4762	4781	rVB	693243	1924363	17.90%	2.370%
94	16.796	4798	4807	4824	rVB	384172	627732	5.84%	0.773%
95	16.896	4826	4838	4853	rBV	1698198	2760885	25.69%	3.401%
96	16.992	4861	4868	4879	rVB2	136126	211167	1.96%	0.260%
97	17.108	4896	4904	4918	rVB2	281932	505935	4.71%	0.623%
98	17.388	4985	4991	4997	rBV	97370	140741	1.31%	0.173%
99	17.552	5033	5042	5053	rVB	155736	272088	2.53%	0.335%
100	17.616	5054	5062	5071	rBV2	93244	149990	1.40%	0.185%

Sum of corrected areas: 81186575

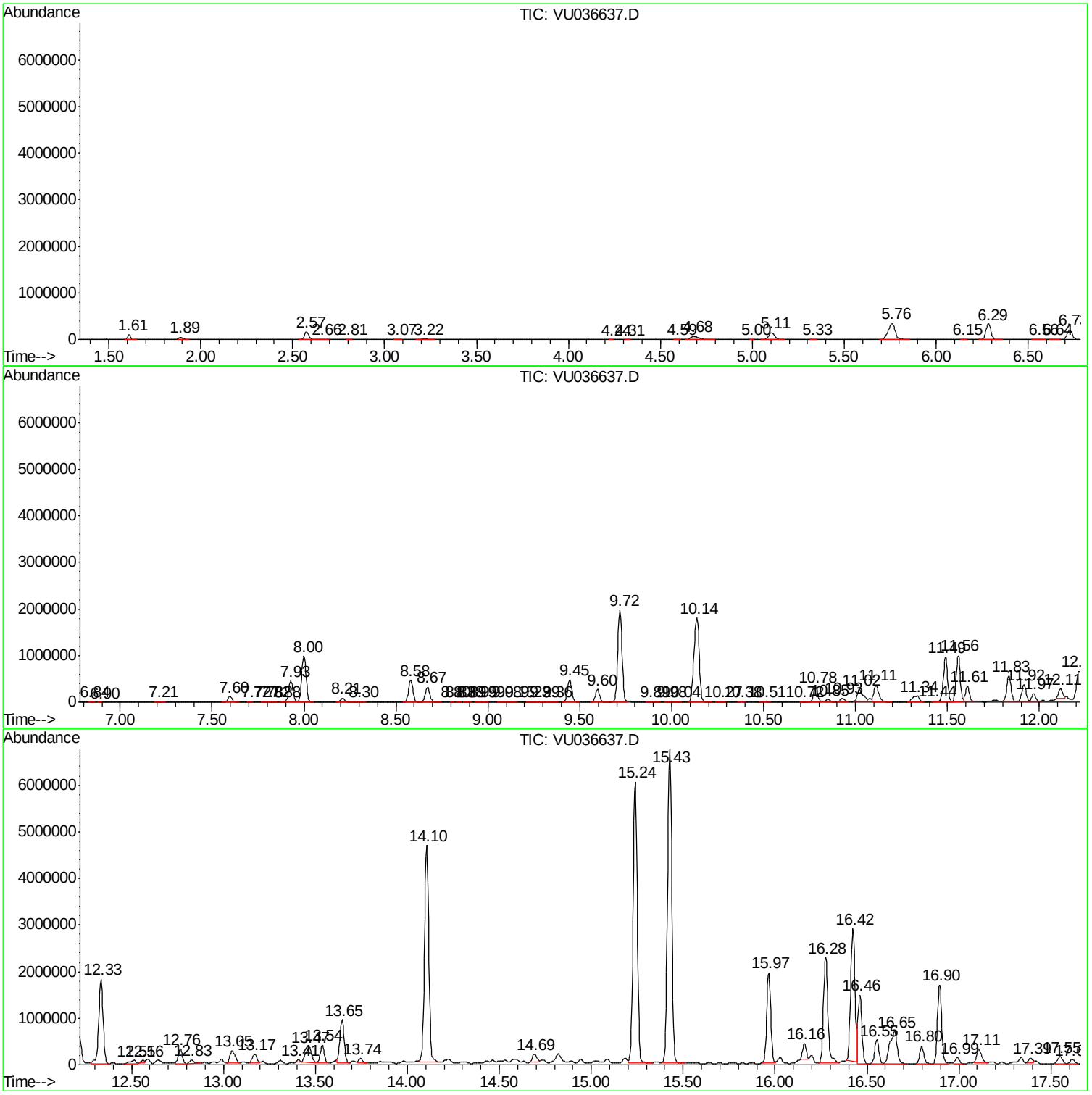
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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

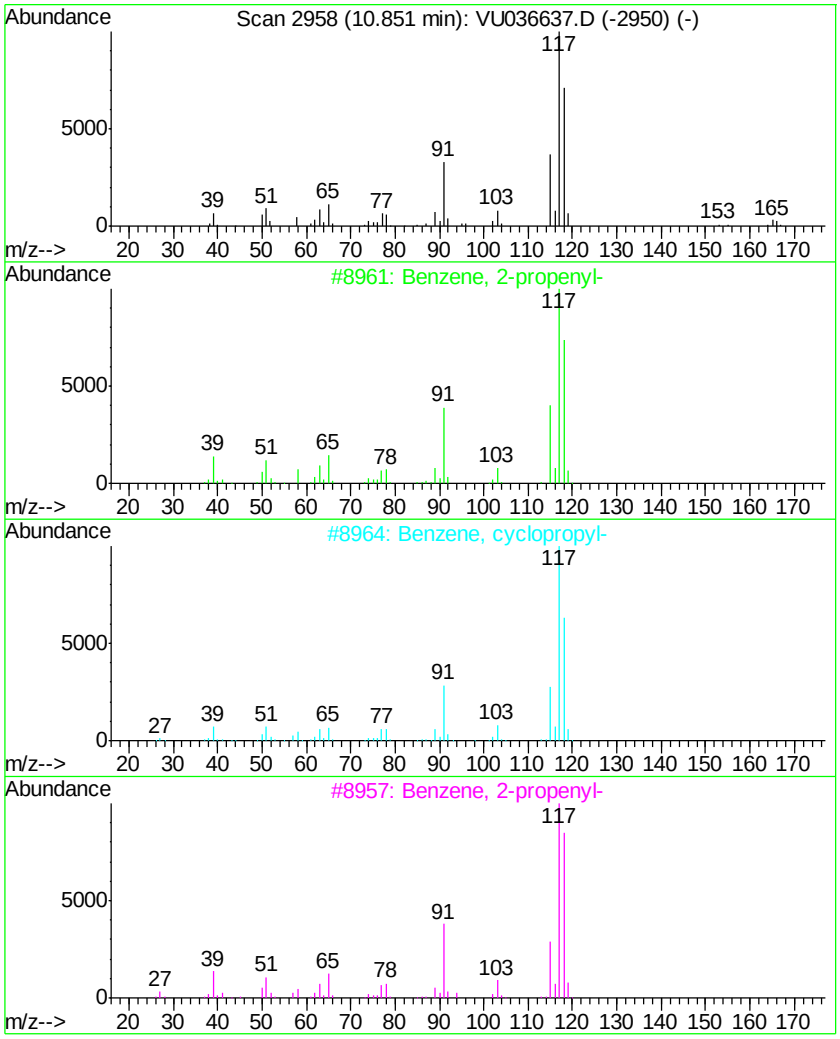
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

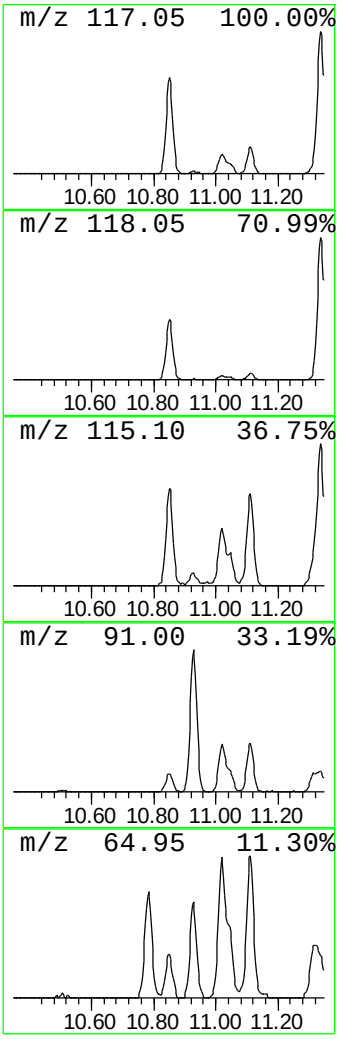
****

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	4.89 ug/L	87275	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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

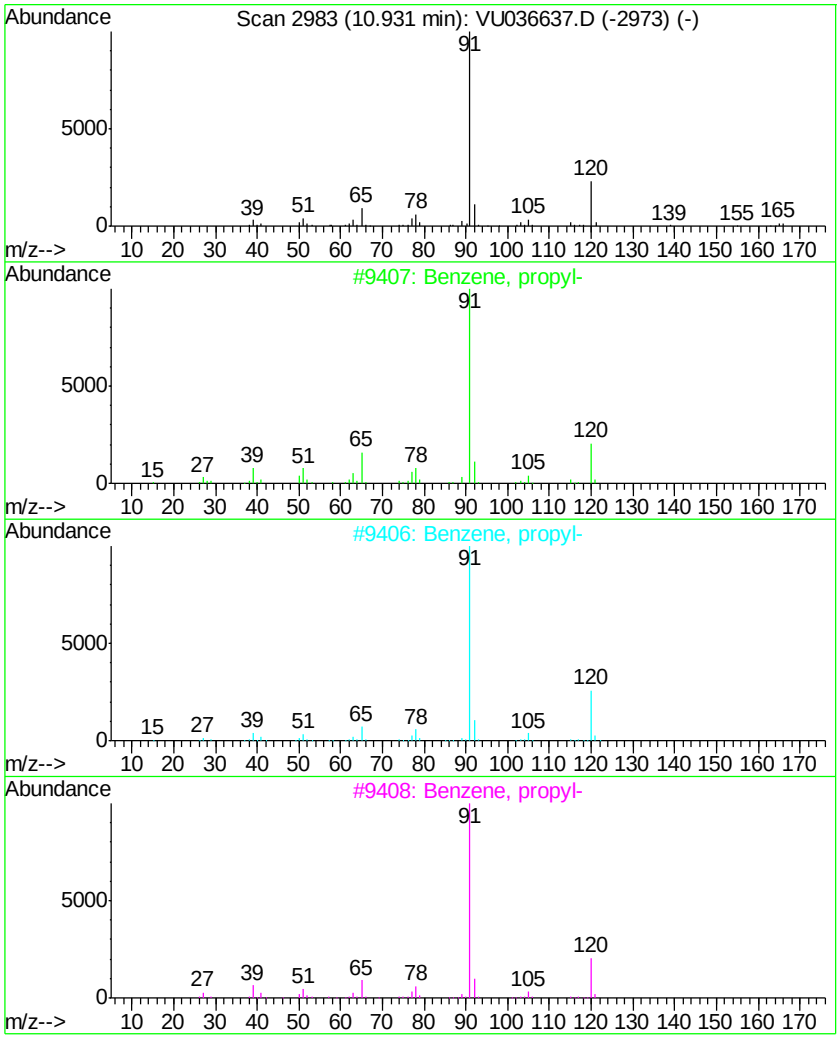
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

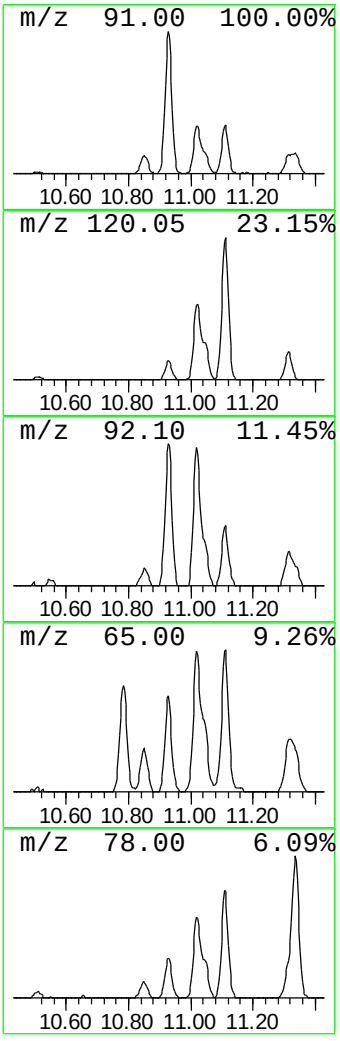
****

Peak Number 4 Benzene, propyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	6.25 ug/L	111616	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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

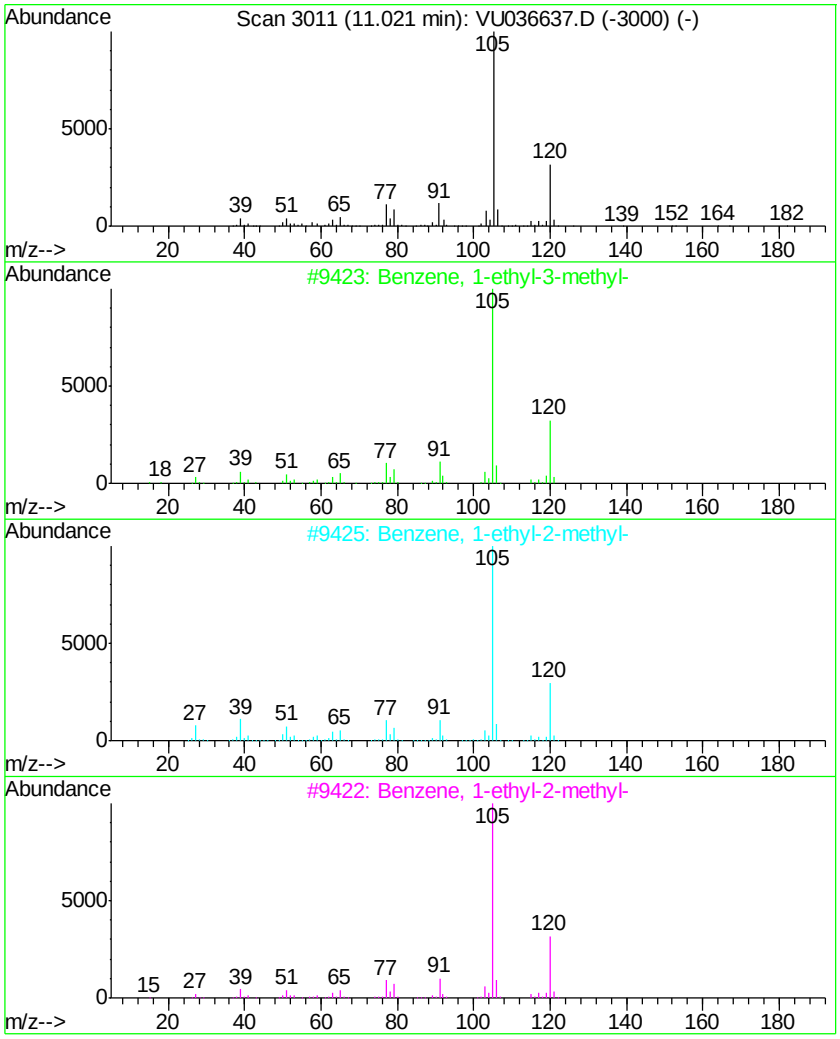
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

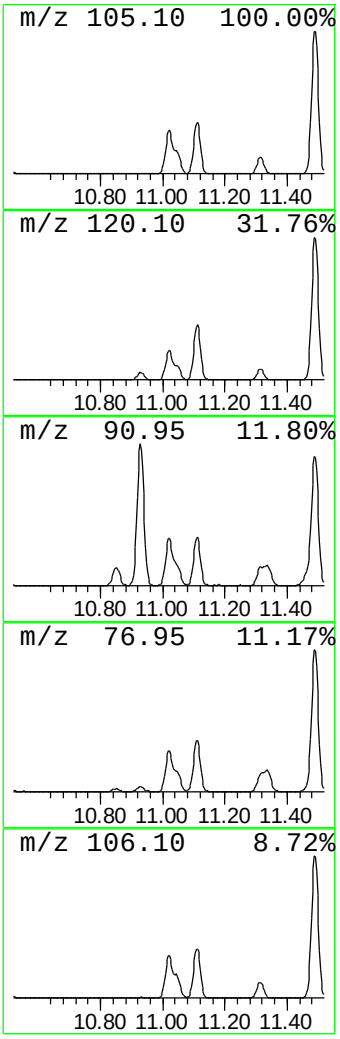
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	32.94 ug/L	588136	1,4-Dichlorobenzene-d4	11.83

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	94
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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

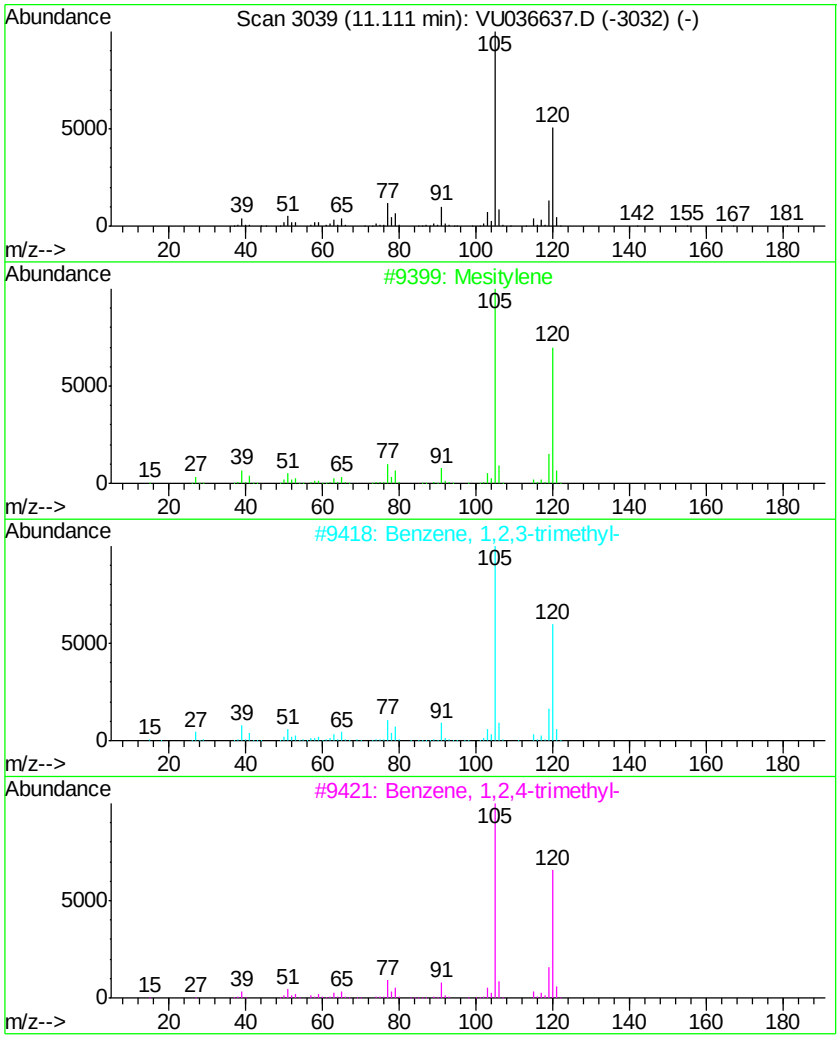
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

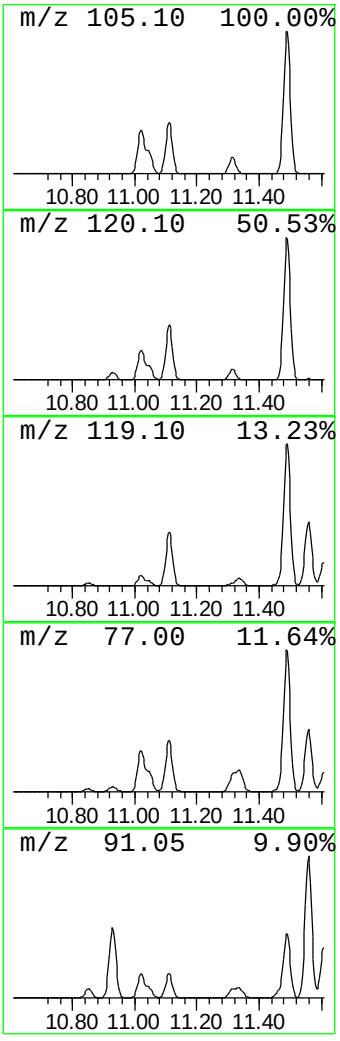
****

Peak Number 6 Mesitylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	36.69 ug/L	654995	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
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 : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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

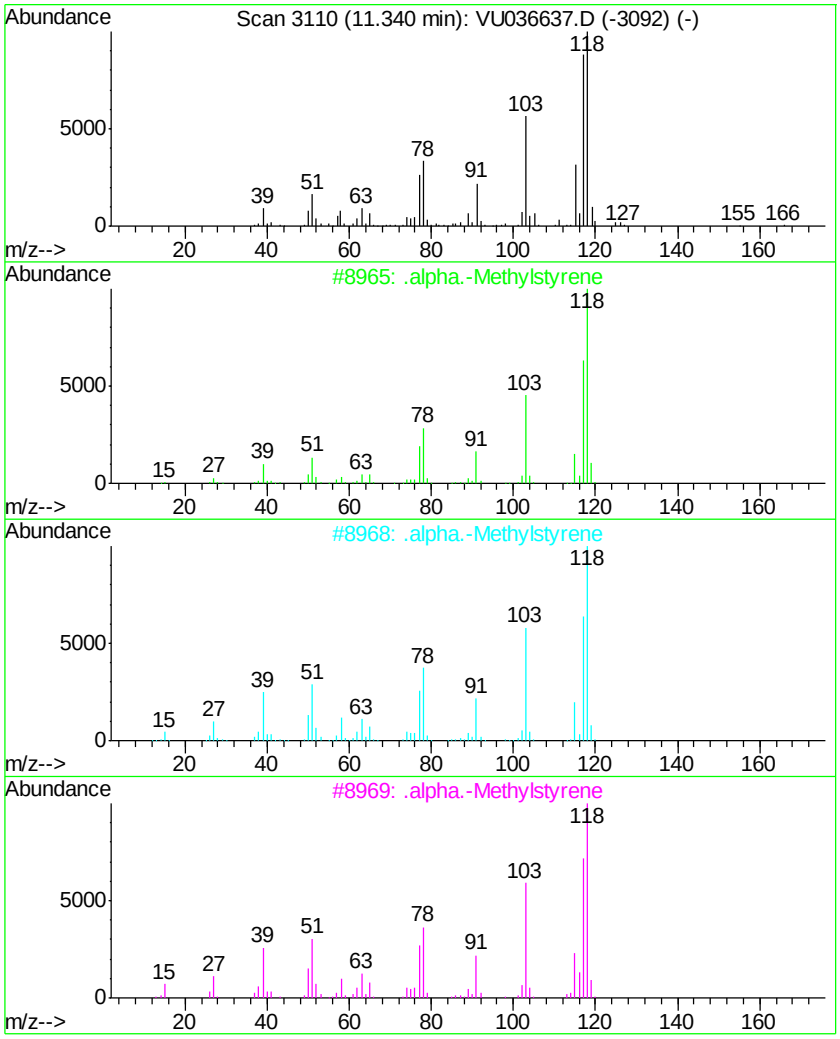
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

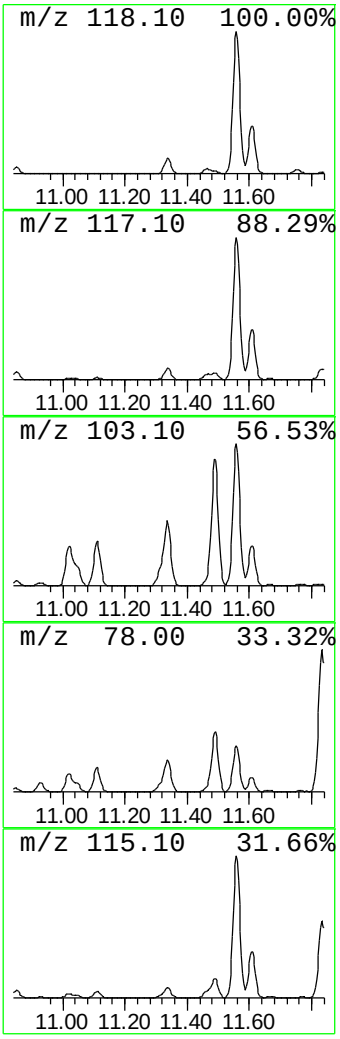
****

Peak Number 7 .alpha.-Methylstyrene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	18.86 ug/L	336721	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	96
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	95
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	91
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	58
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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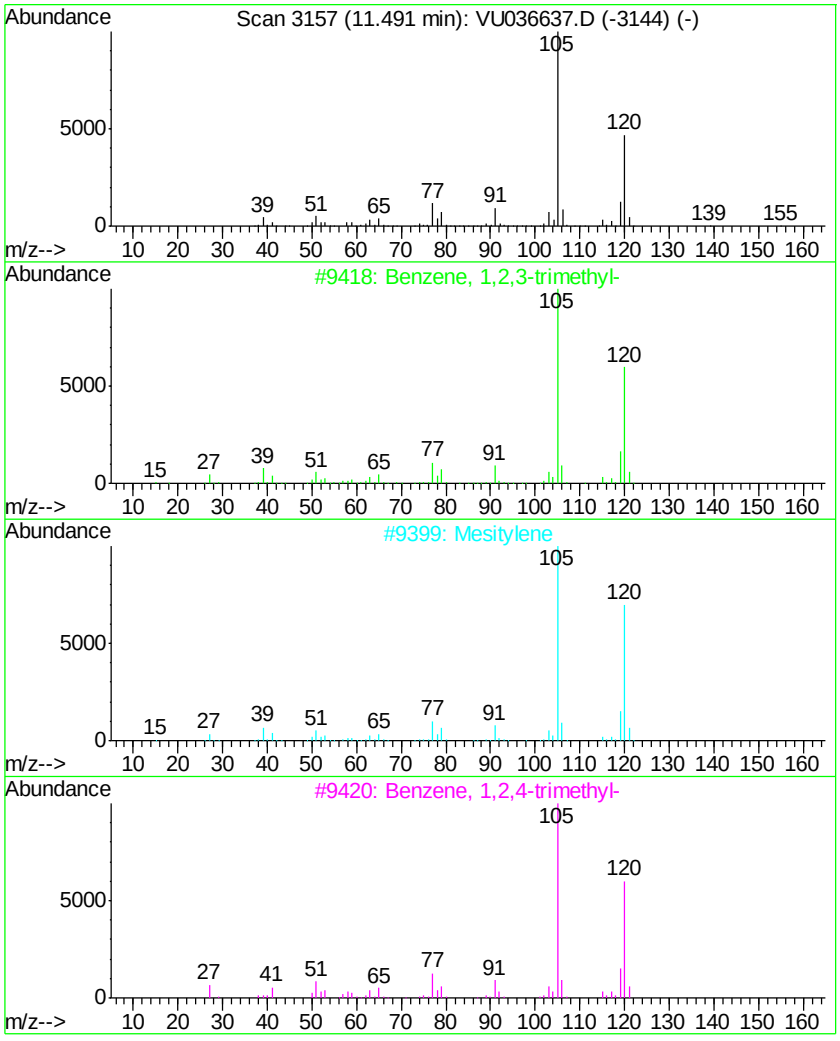
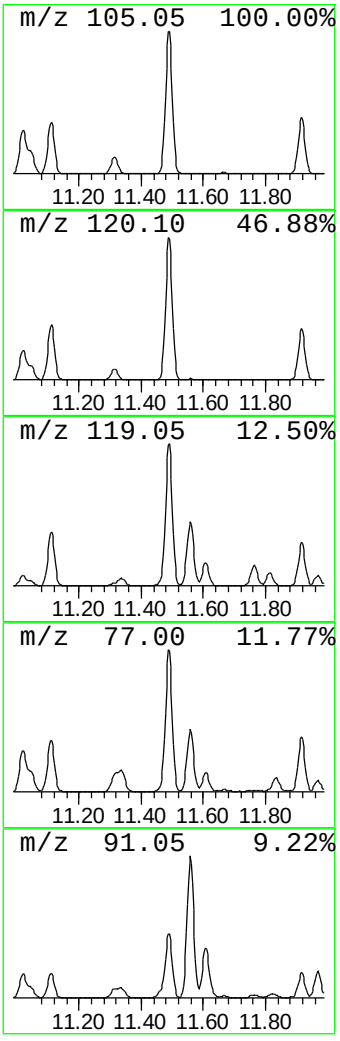
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	84.45 ug/L	1507800	1,4-Dichlorobenzene-d4	11.83

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





Library Search Compound Report

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Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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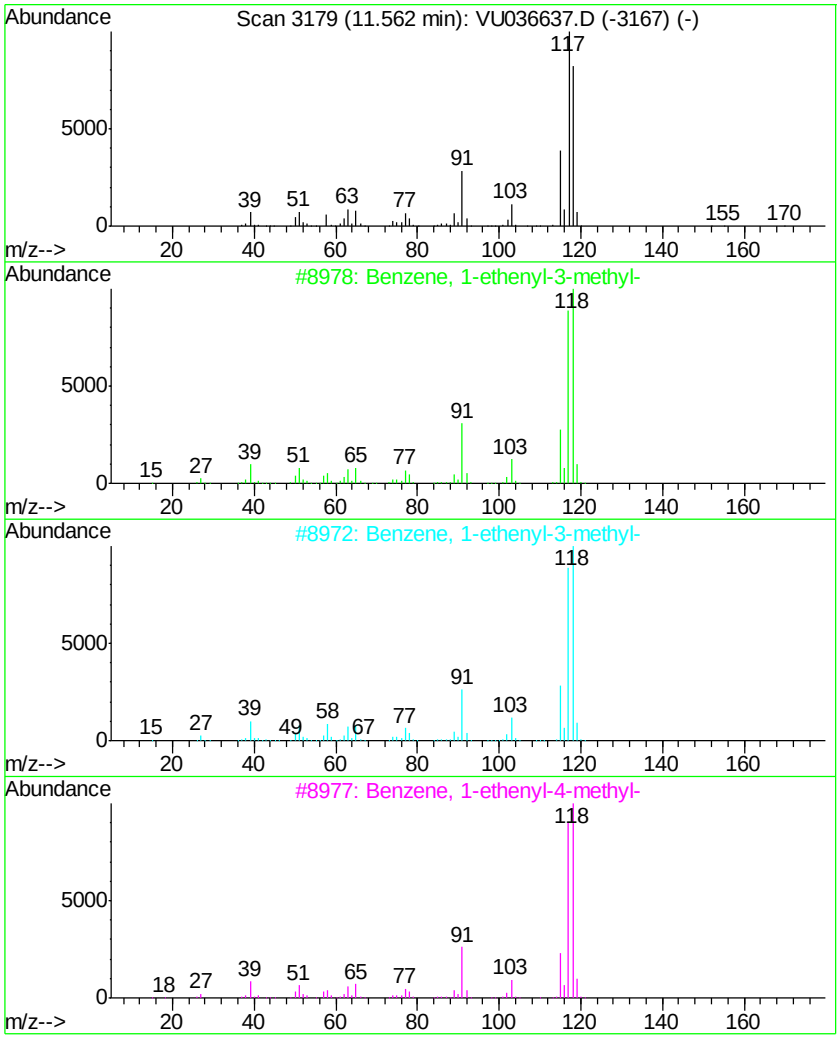
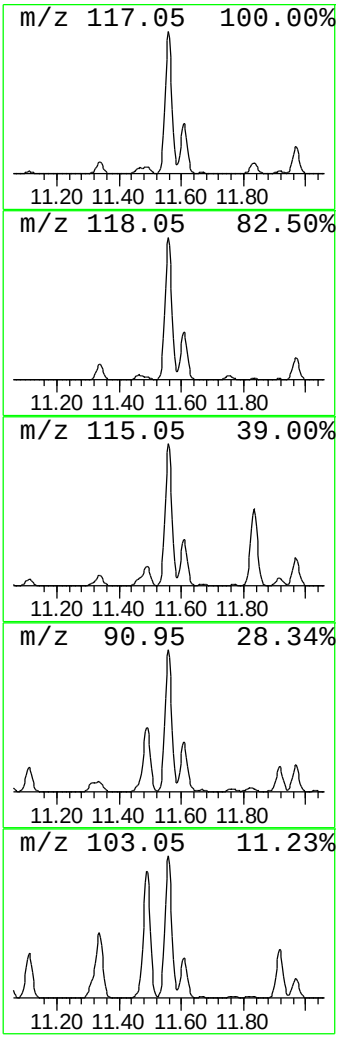
Peak Number 9 Benzene, 1-ethenyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	84.18 ug/L	1502860	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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

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

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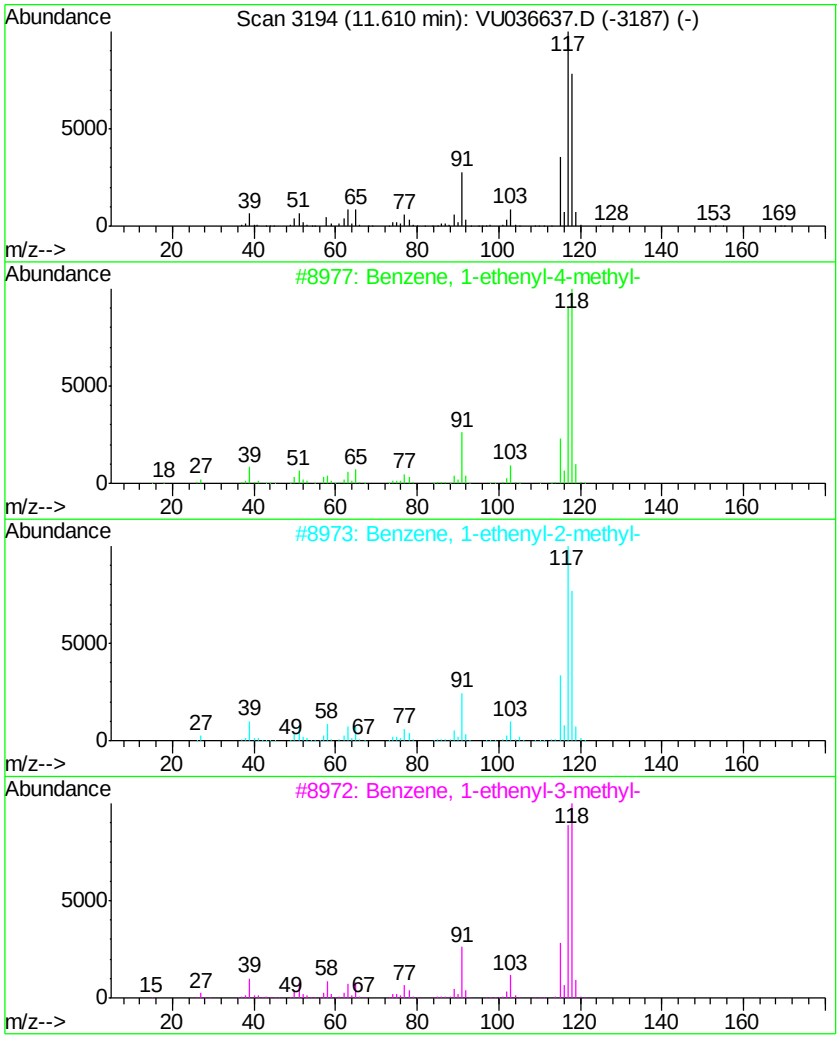
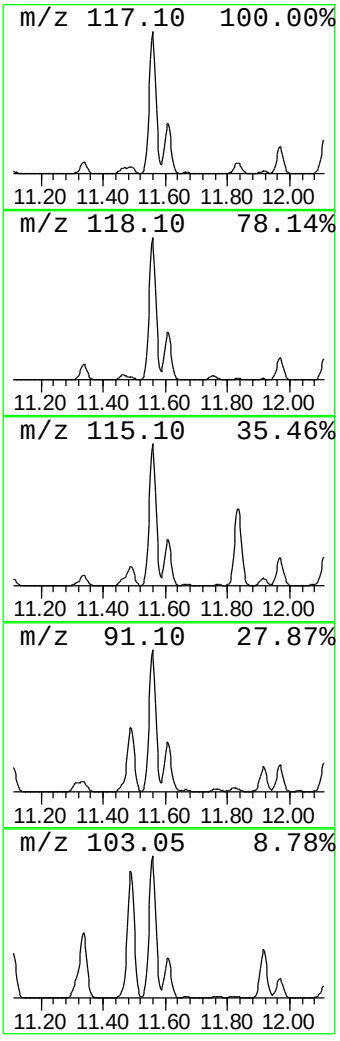
Peak Number 10 Benzene, 1-ethenyl-4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	27.19 ug/L	485499	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	92
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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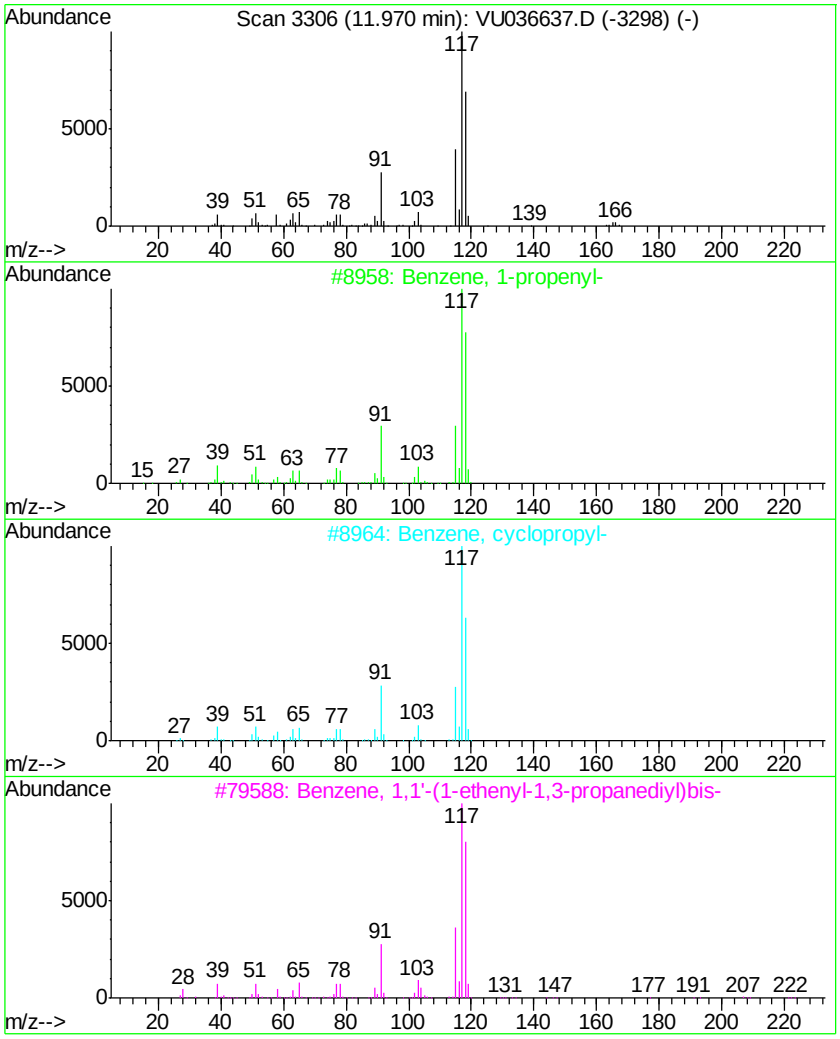
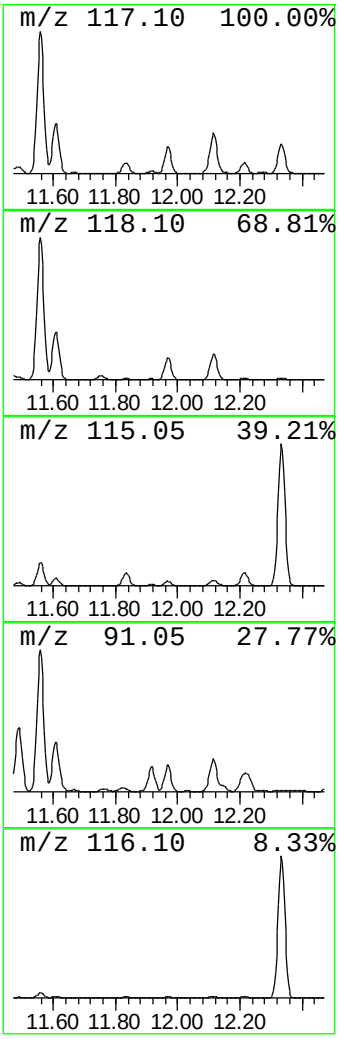
Peak Number 12 Benzene, 1-propenyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	13.48 ug/L	240683	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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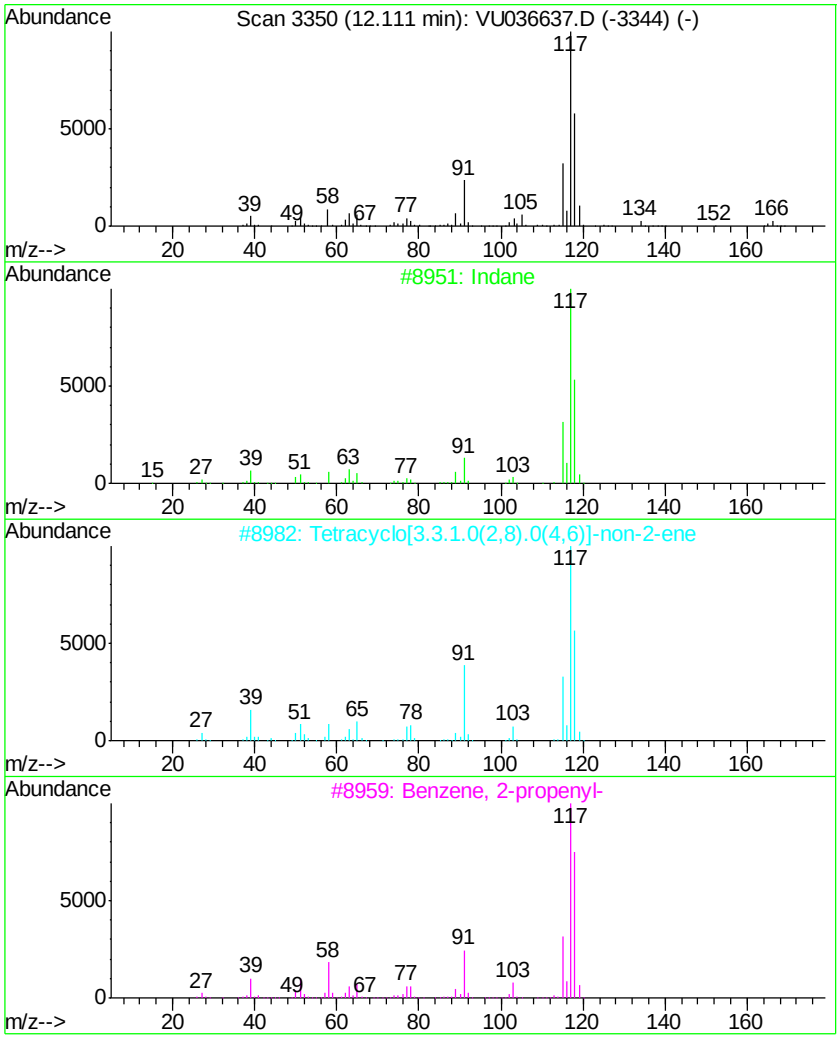
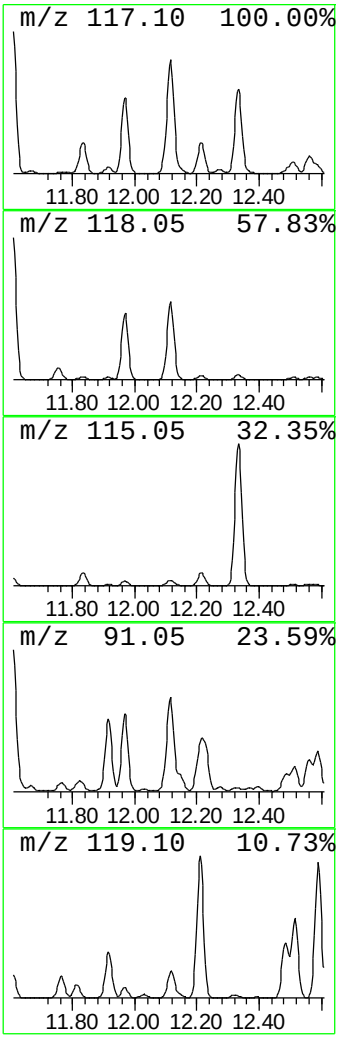
Peak Number 13 Indane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	17.75 ug/L	316929	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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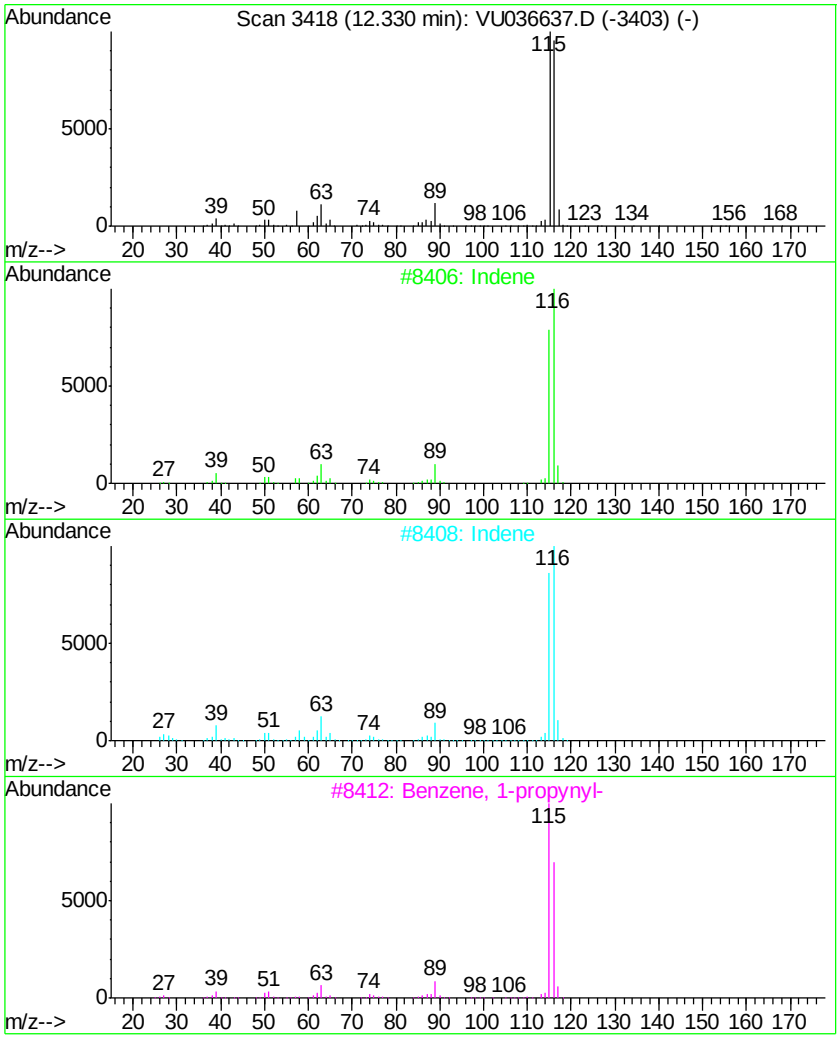
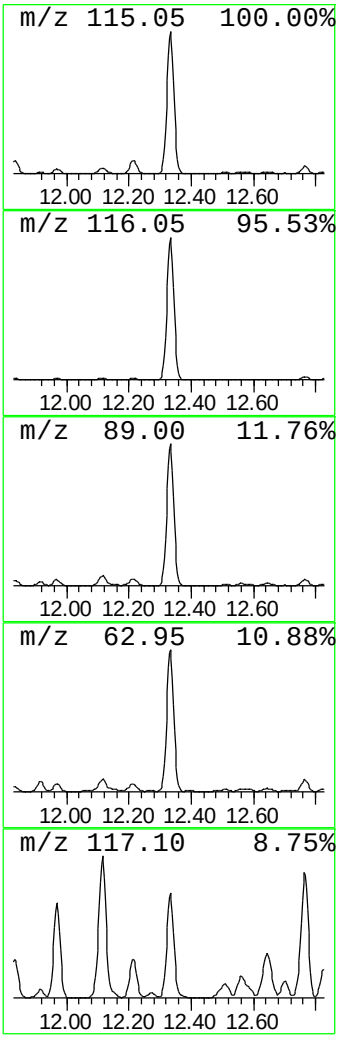
Peak Number 14 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	170.01 ug/L	3035330	1,4-Dichlorobenzene-d4	11.83

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	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

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Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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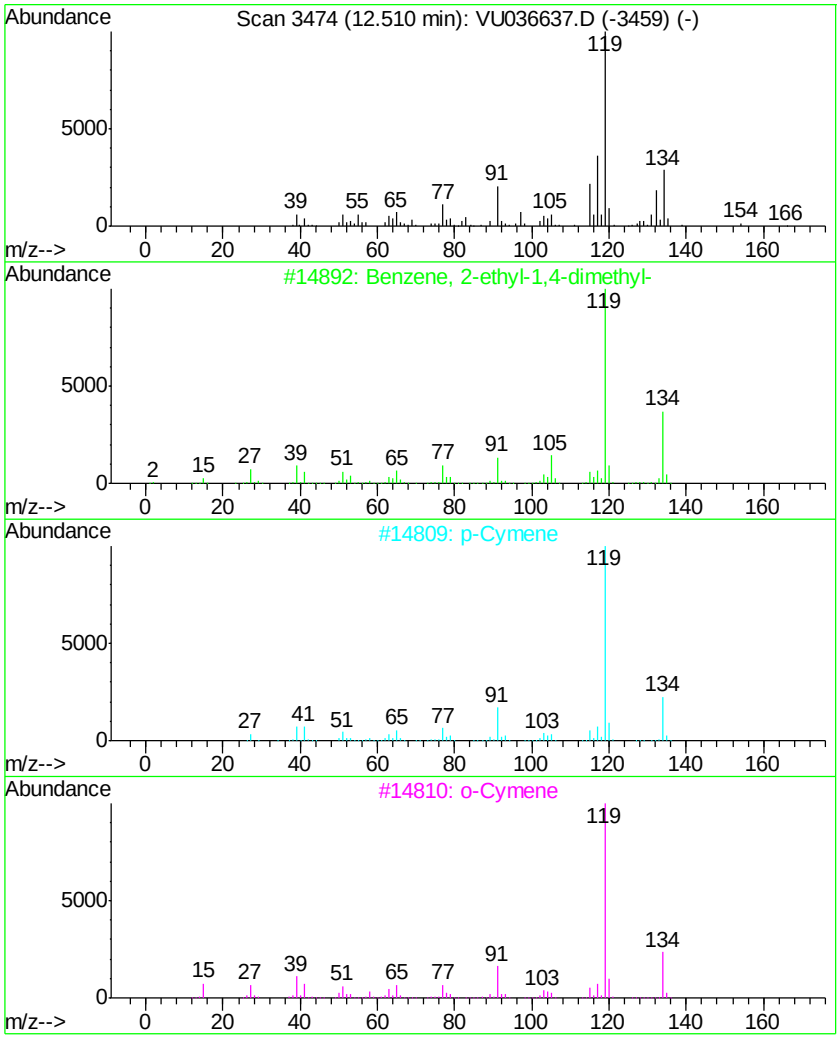
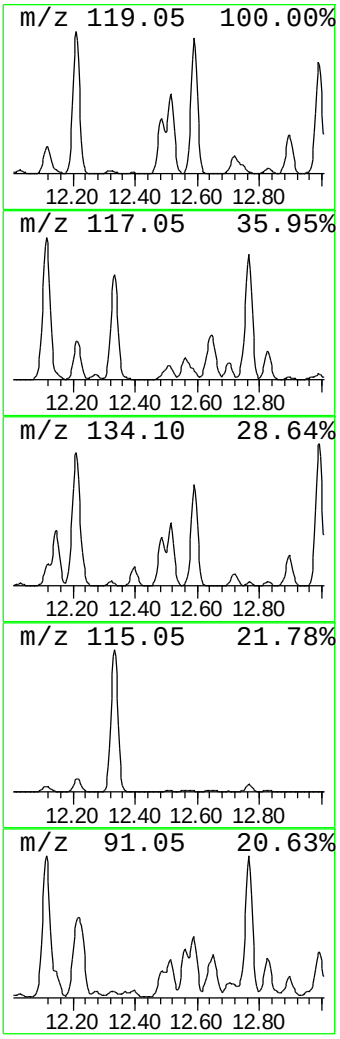
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	11.32 ug/L	202024	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
2	p-Cymene	134	C10H14	000099-87-6	70
3	o-Cymene	134	C10H14	000527-84-4	70
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5	p-Cymene	134	C10H14	000099-87-6	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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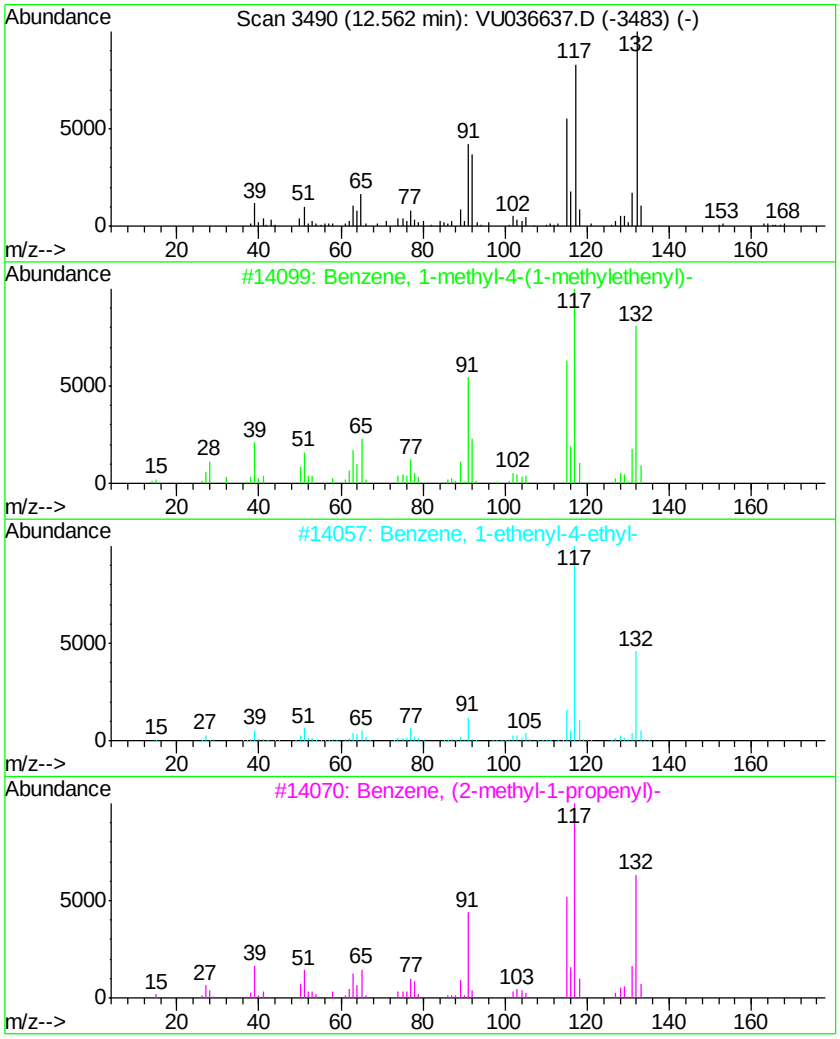
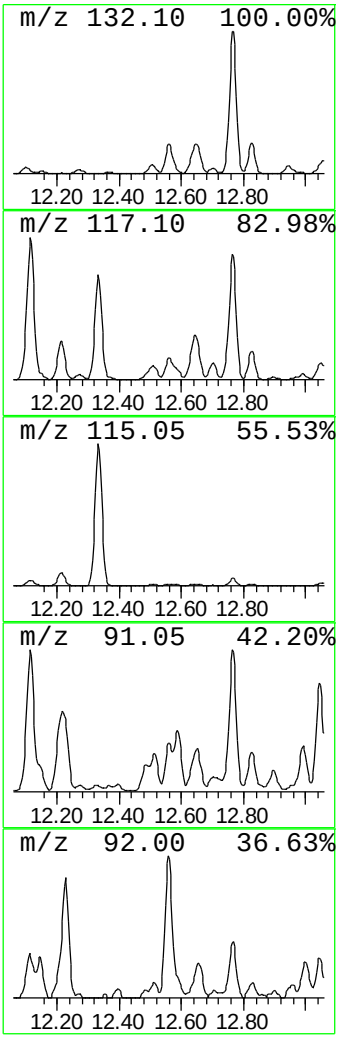
Peak Number 16 Benzene, 1-methyl-4-(1-meth... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.68 ug/L	83495	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	97
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	87
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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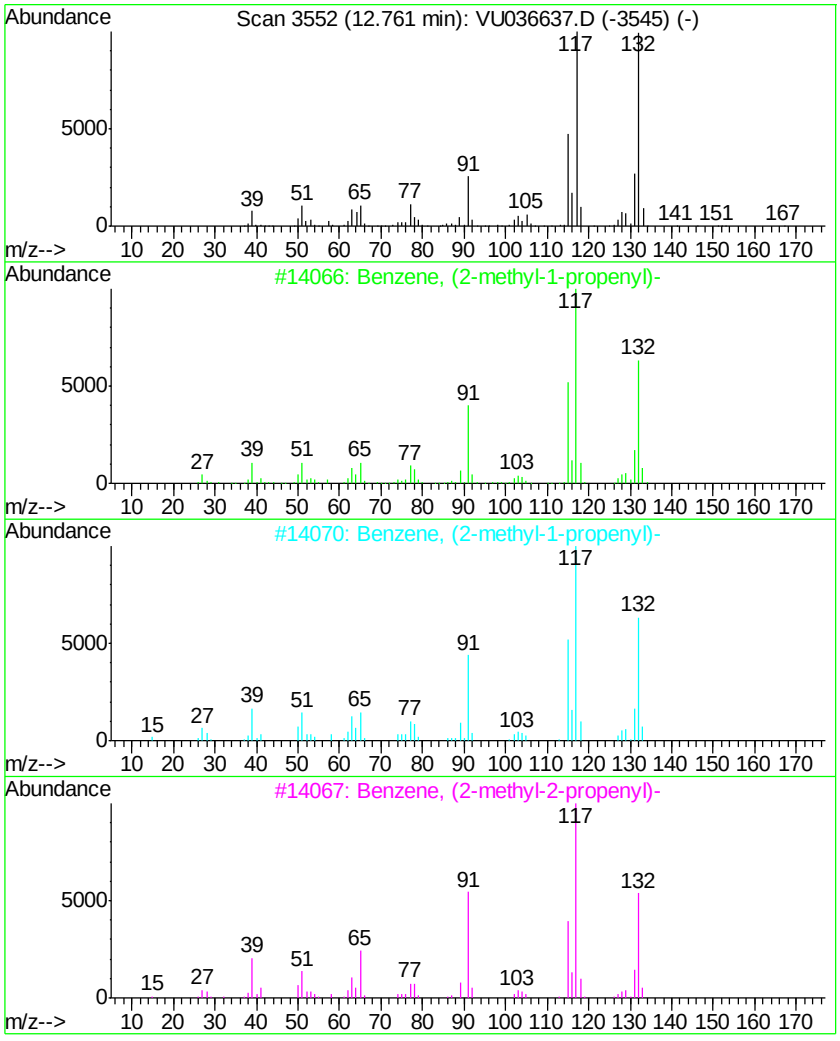
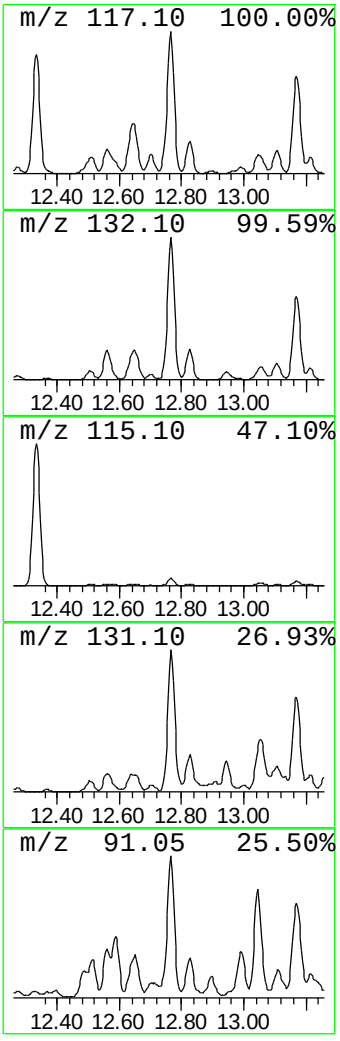
Peak Number 17 Benzene, (2-methyl-1-propen... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	26.47 ug/L	472565	1,4-Dichlorobenzene-d4	11.83

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, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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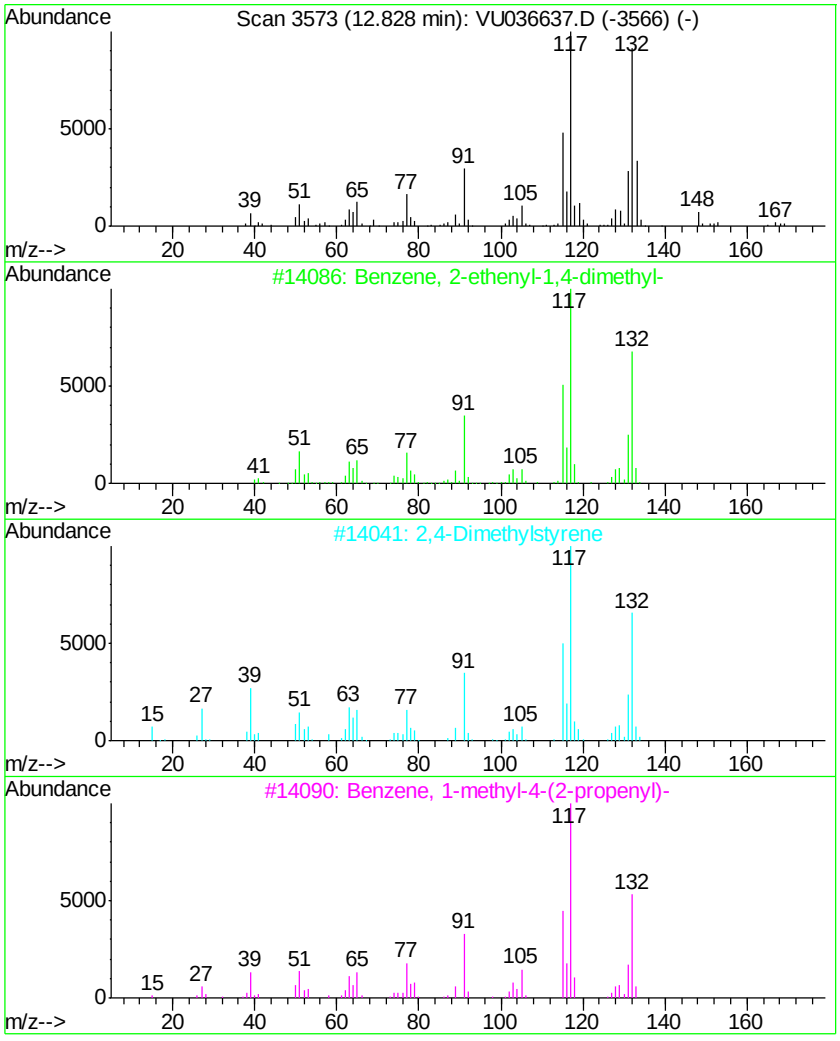
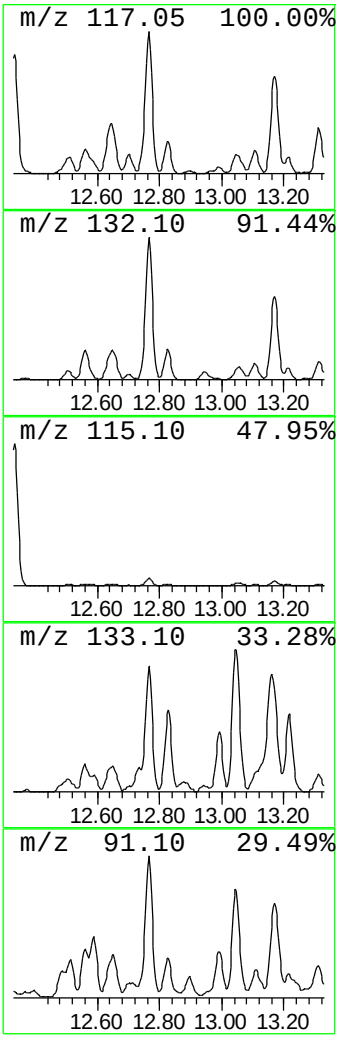
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	6.84 ug/L	122145	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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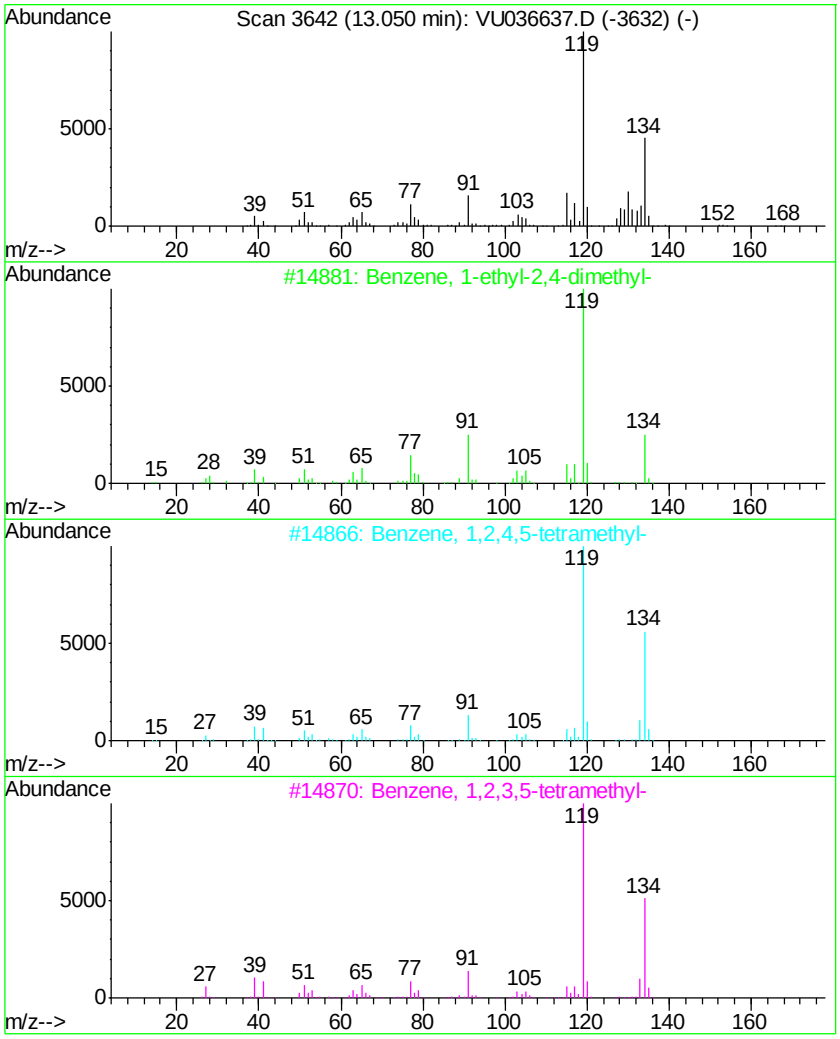
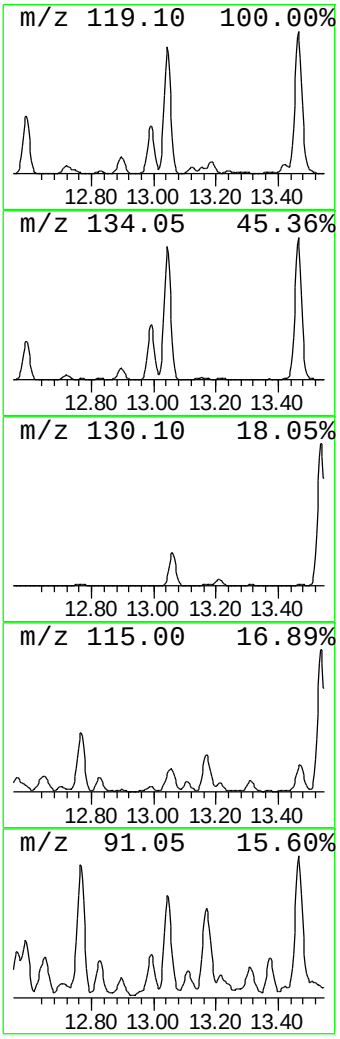
Peak Number 19 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	28.19 ug/L	503205	1,4-Dichlorobenzene-d4	11.83

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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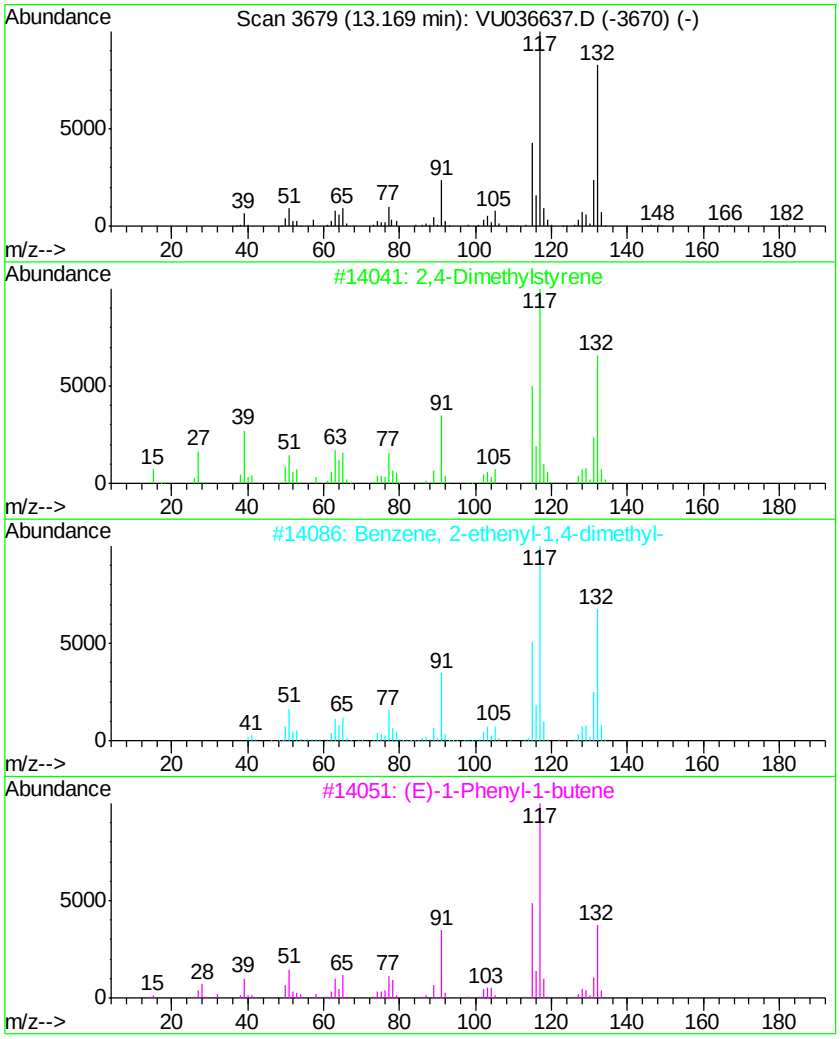
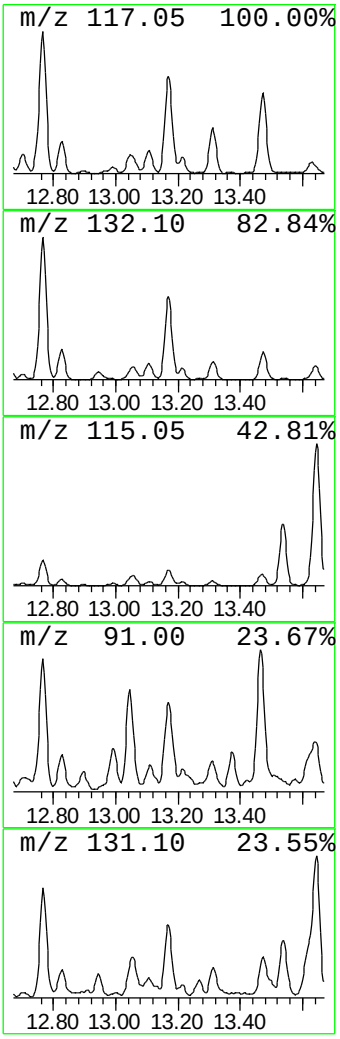
Peak Number 20 2,4-Dimethylstyrene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	17.70 ug/L	316006	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95





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Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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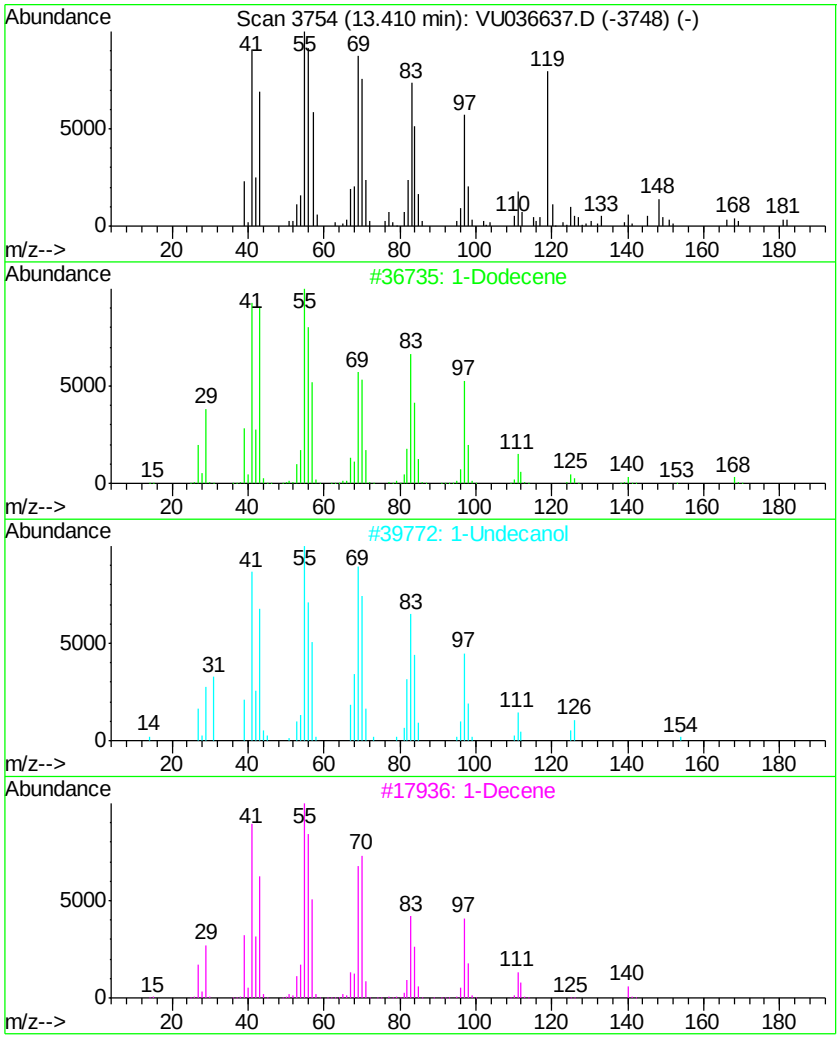
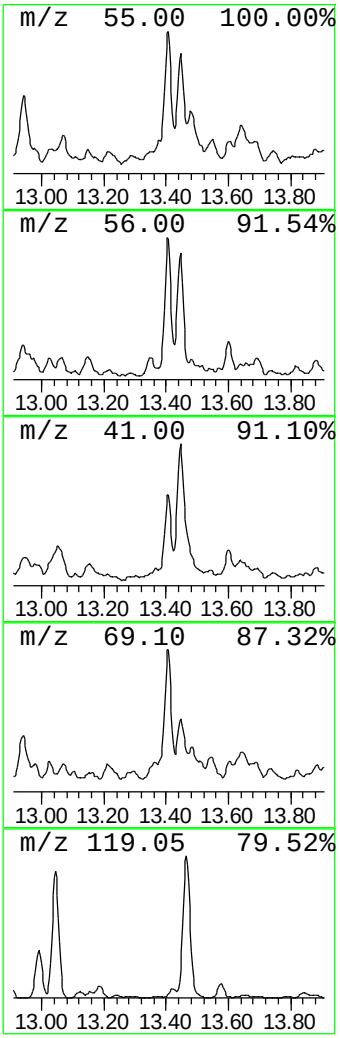
Peak Number 21 (DEL) Alkane: Cyclic13.41 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.81 ug/L	67970	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecene	168	C12H24	000112-41-4	95
2	1-Undecanol	172	C11H24O	000112-42-5	74
3	1-Decene	140	C10H20	000872-05-9	72
4	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	72
5	Cyclodecane	140	C10H20	000293-96-9	70





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Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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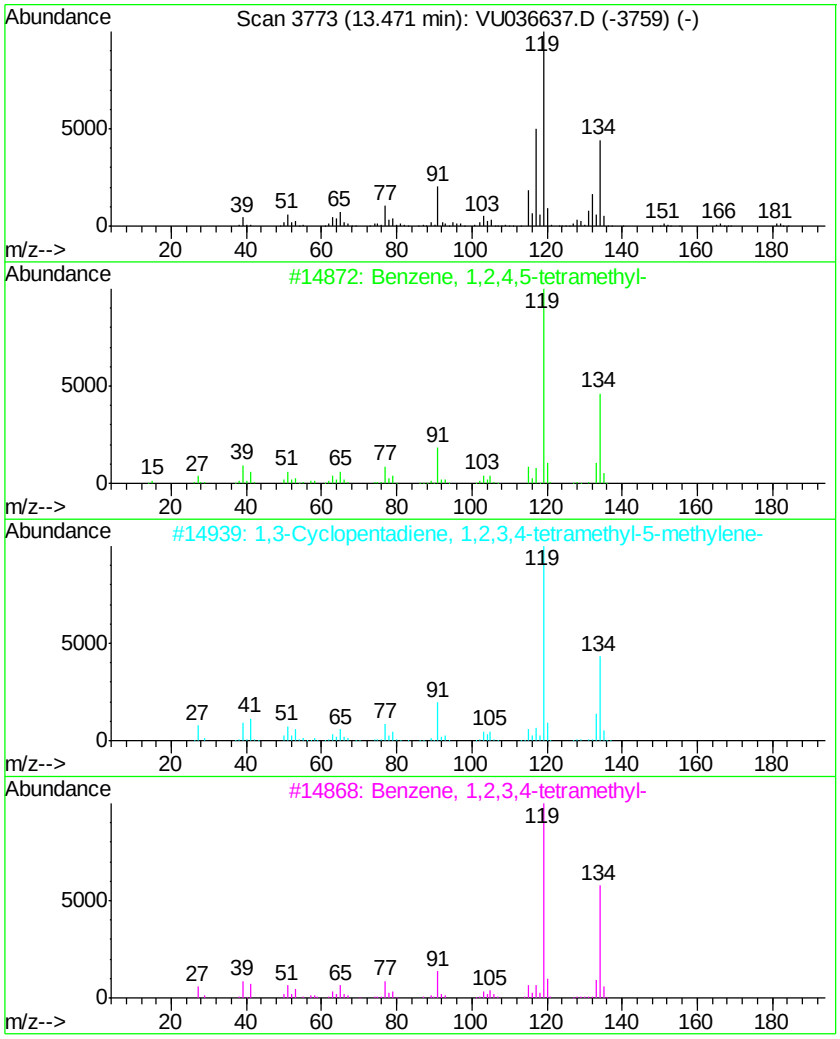
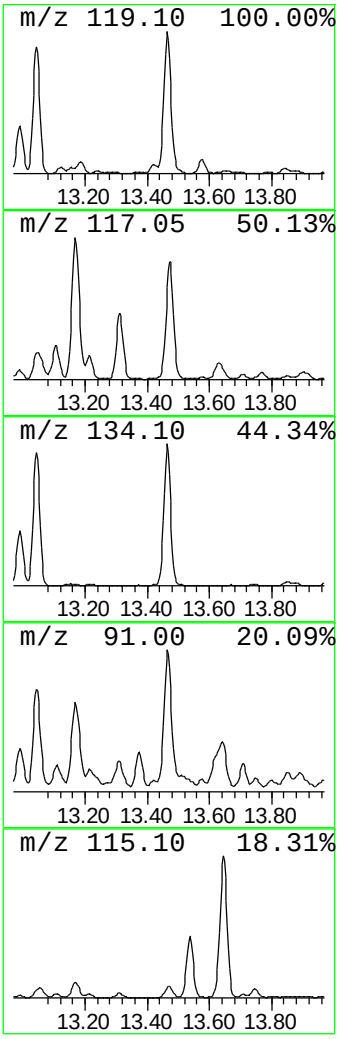
Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	41.09 ug/L	733631	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	89
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81





Library Search Compound Report

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Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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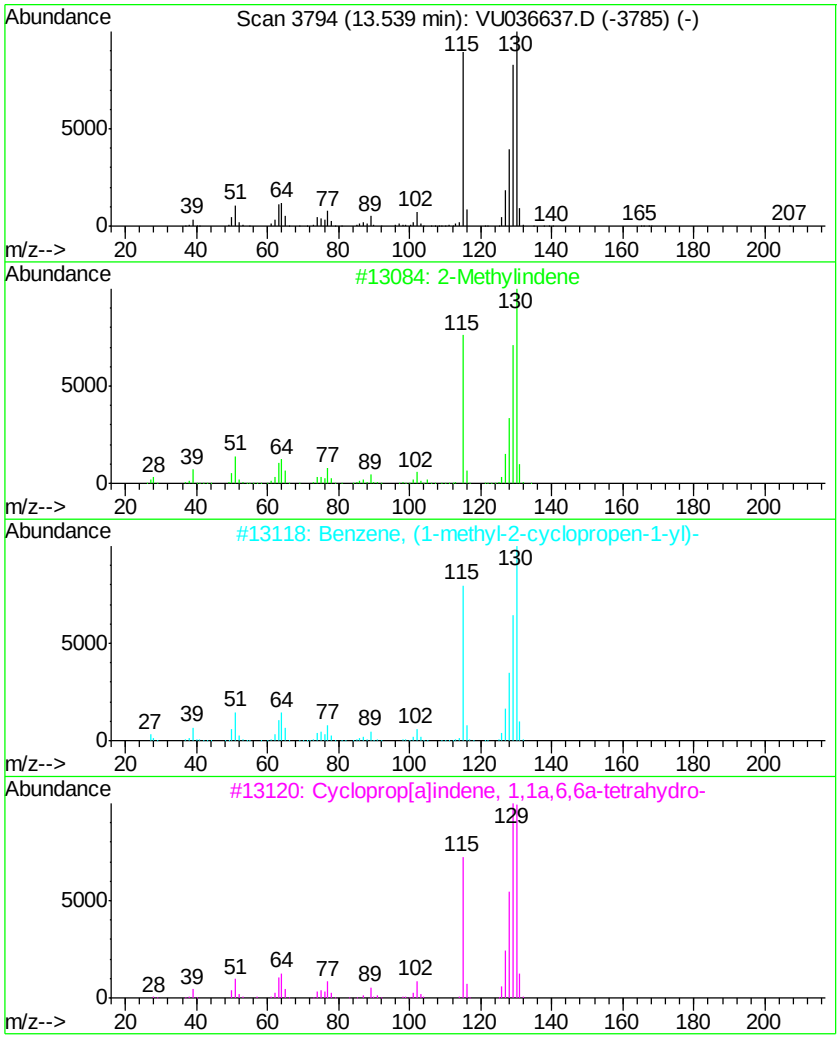
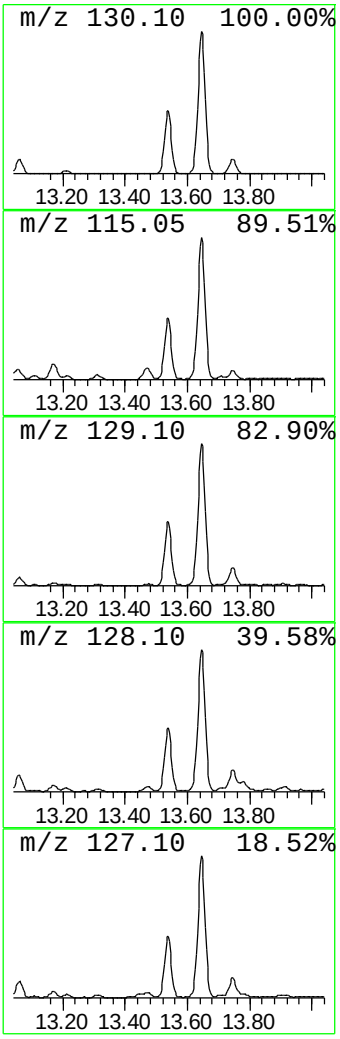
Peak Number 23 2-Methylindene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	31.72 ug/L	566233	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	91





Library Search Compound Report

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Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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

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

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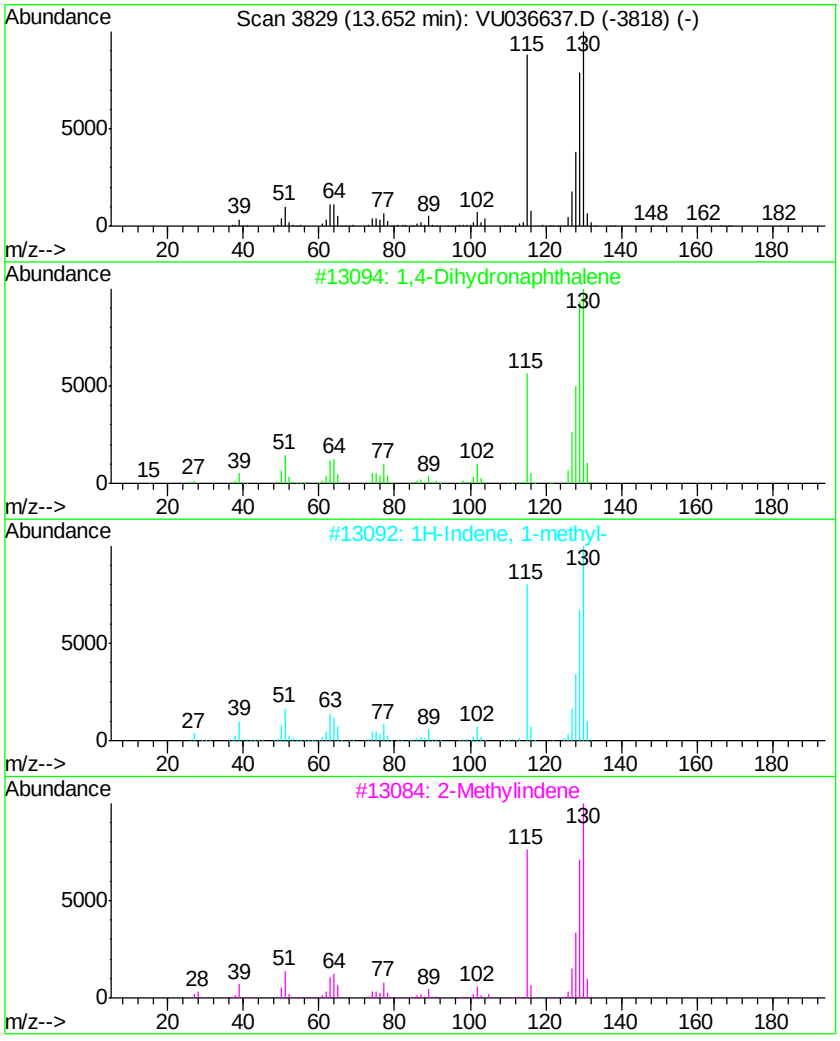
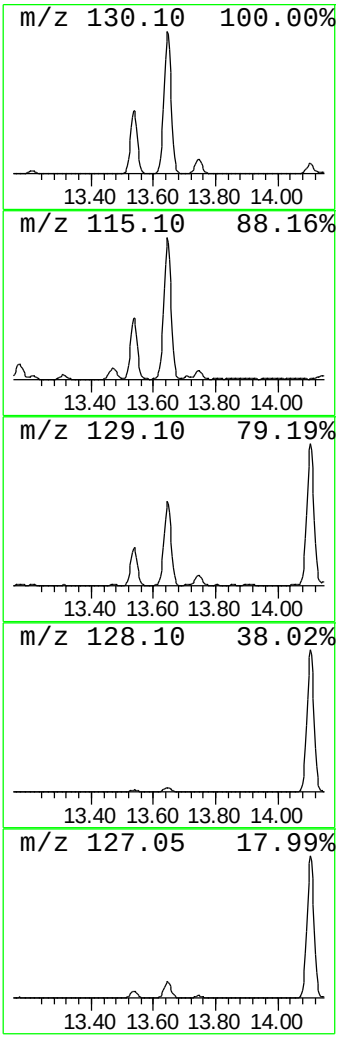
Peak Number 24 1,4-Dihydronaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	85.07 ug/L	1518790	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3	2-Methylindene	130	C10H10	002177-47-1	94
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93





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Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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

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

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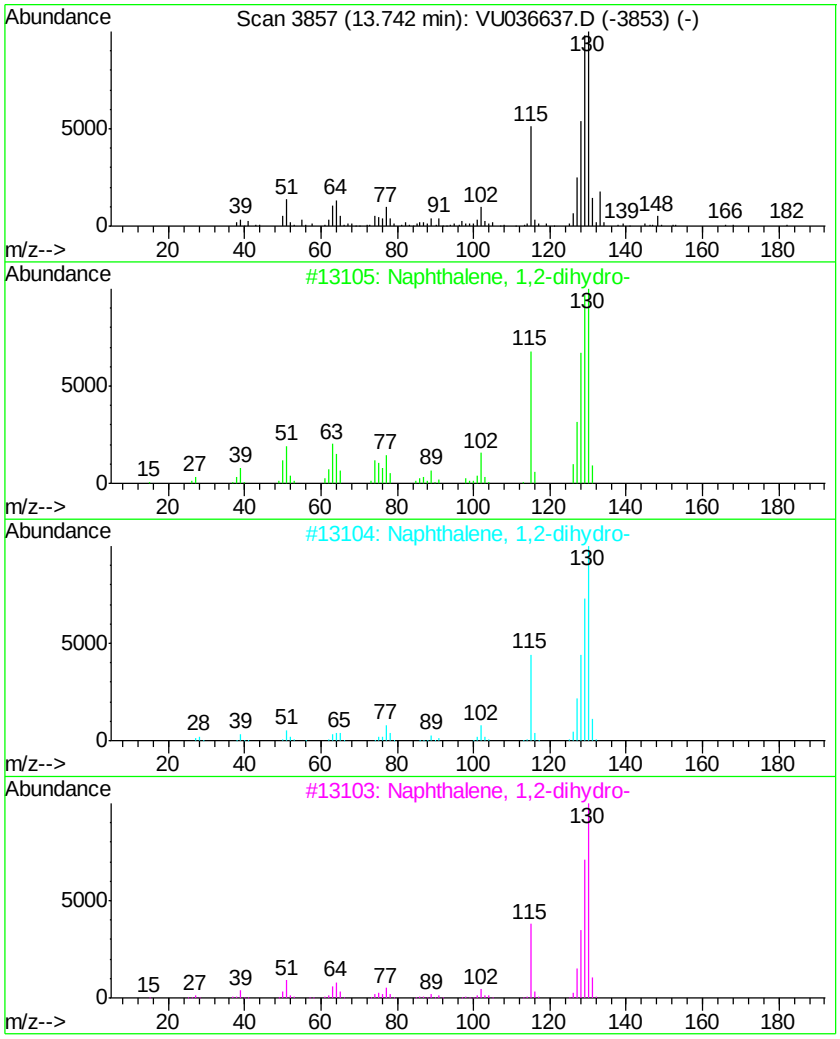
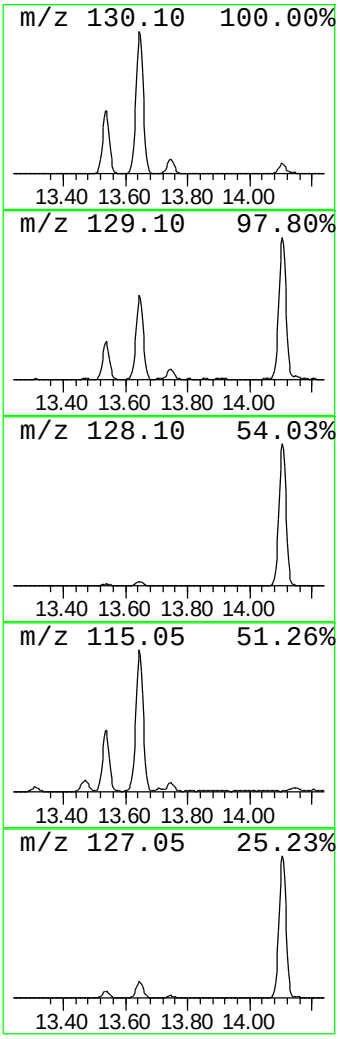
Peak Number 25 Naphthalene, 1,2-dihydro- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	7.81 ug/L	139511	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
2	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	92
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	76
4	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	74
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	70





Library Search Compound Report

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Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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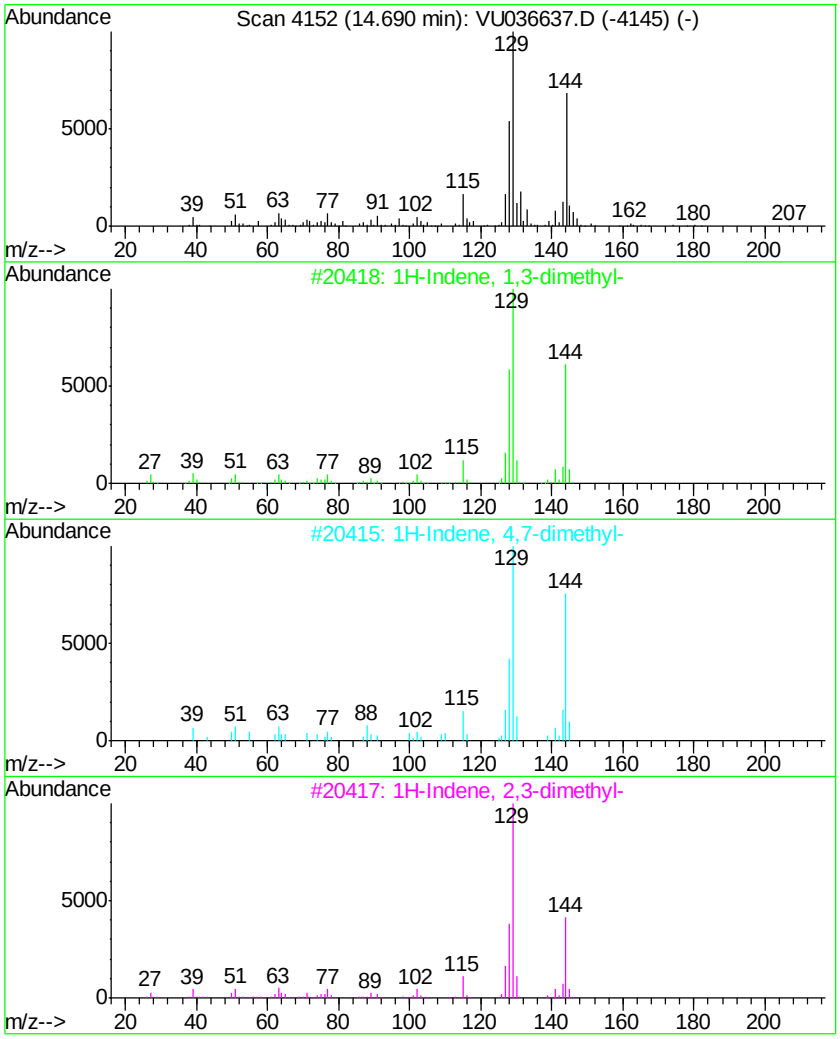
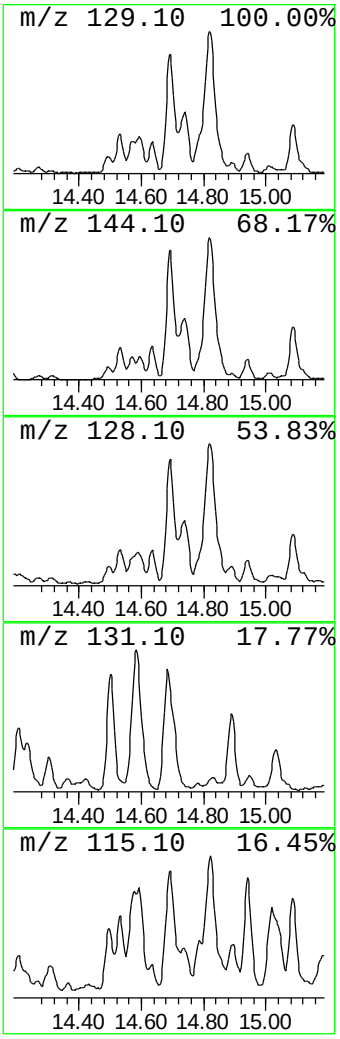
Peak Number 27 1H-Indene, 1,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	15.65 ug/L	279370	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
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	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87





Library Search Compound Report

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Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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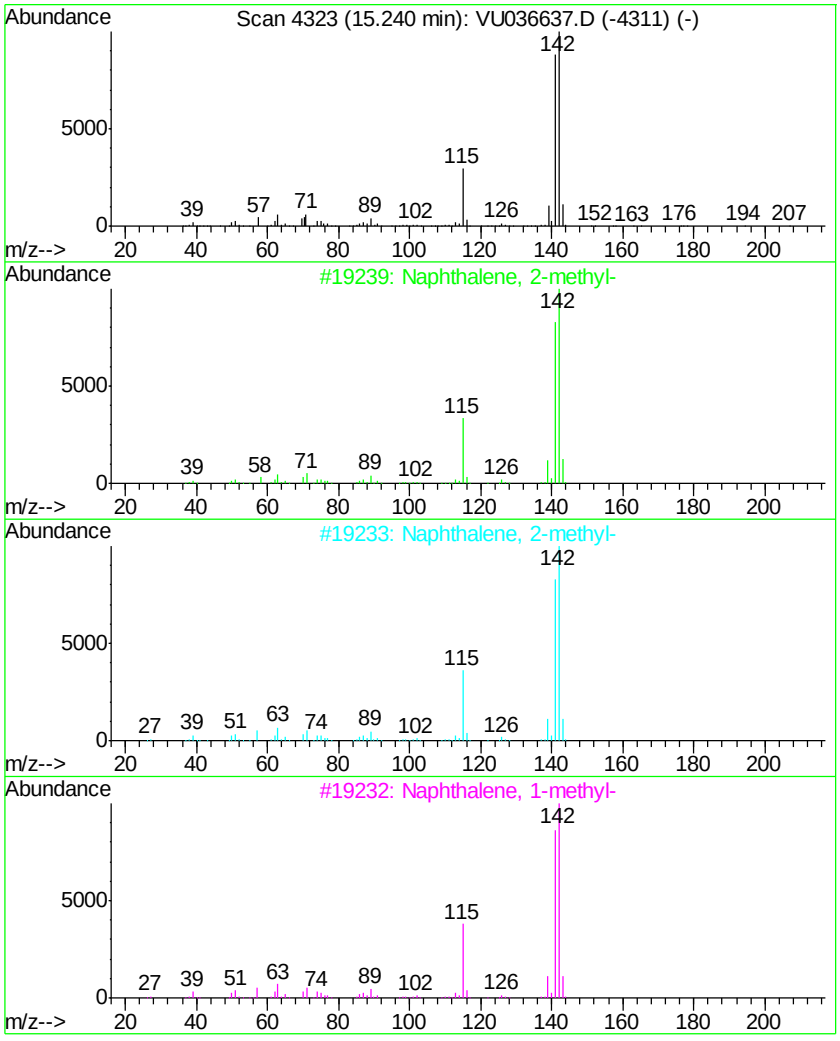
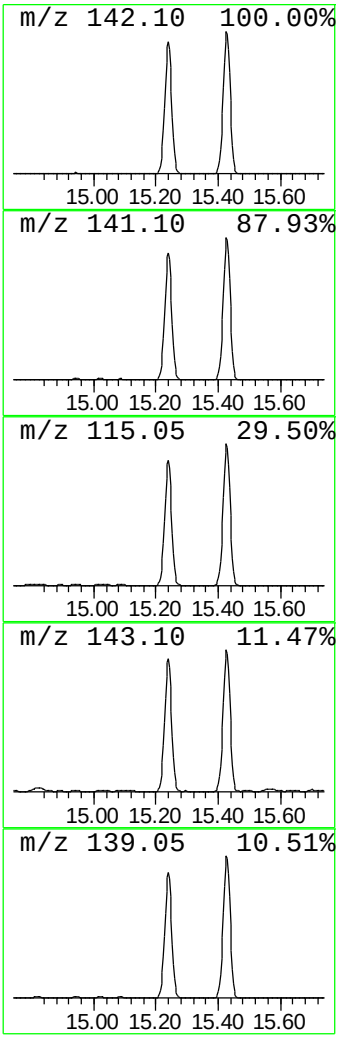
Peak Number 28 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	533.92 ug/L	9532390	1,4-Dichlorobenzene-d4	11.83

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





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Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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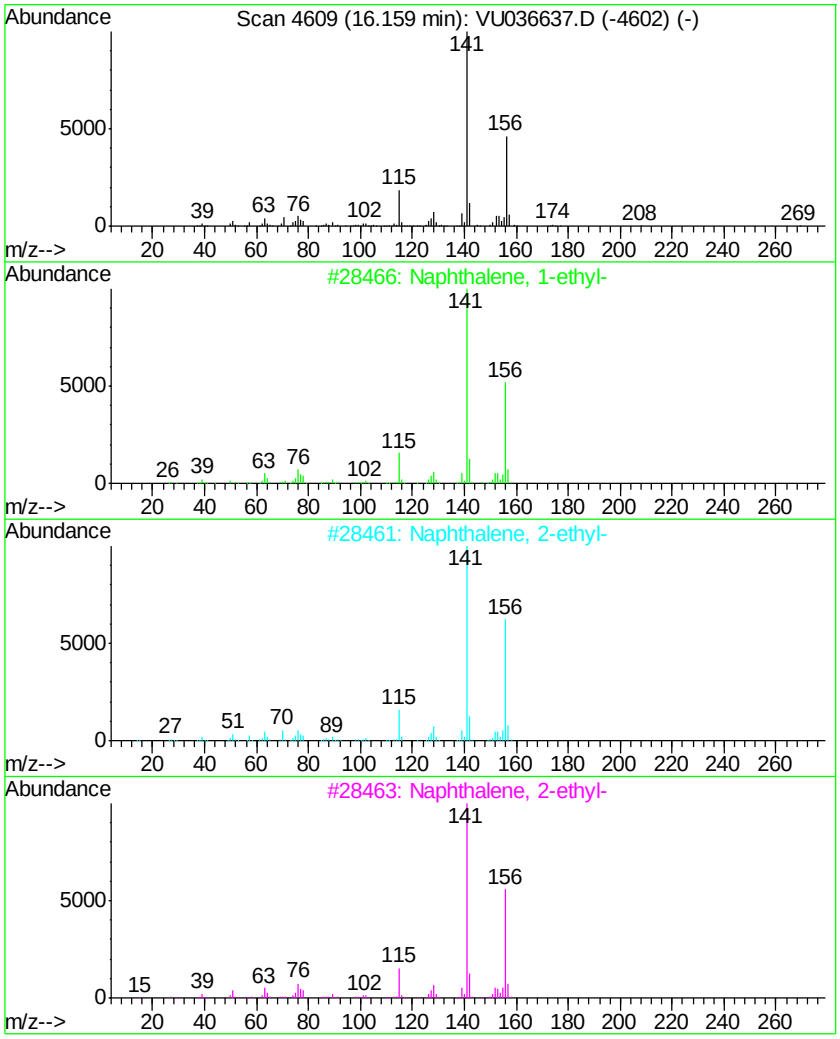
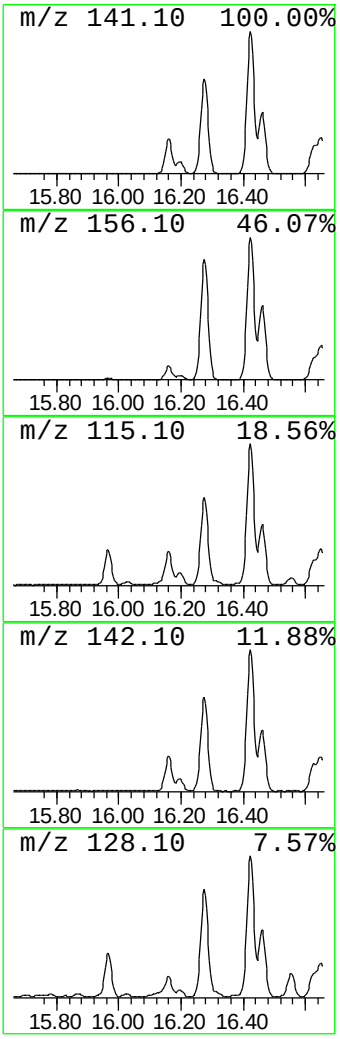
Peak Number 31 Naphthalene, 1-ethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	25.62 ug/L	457403	1,4-Dichlorobenzene-d4	11.83

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





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Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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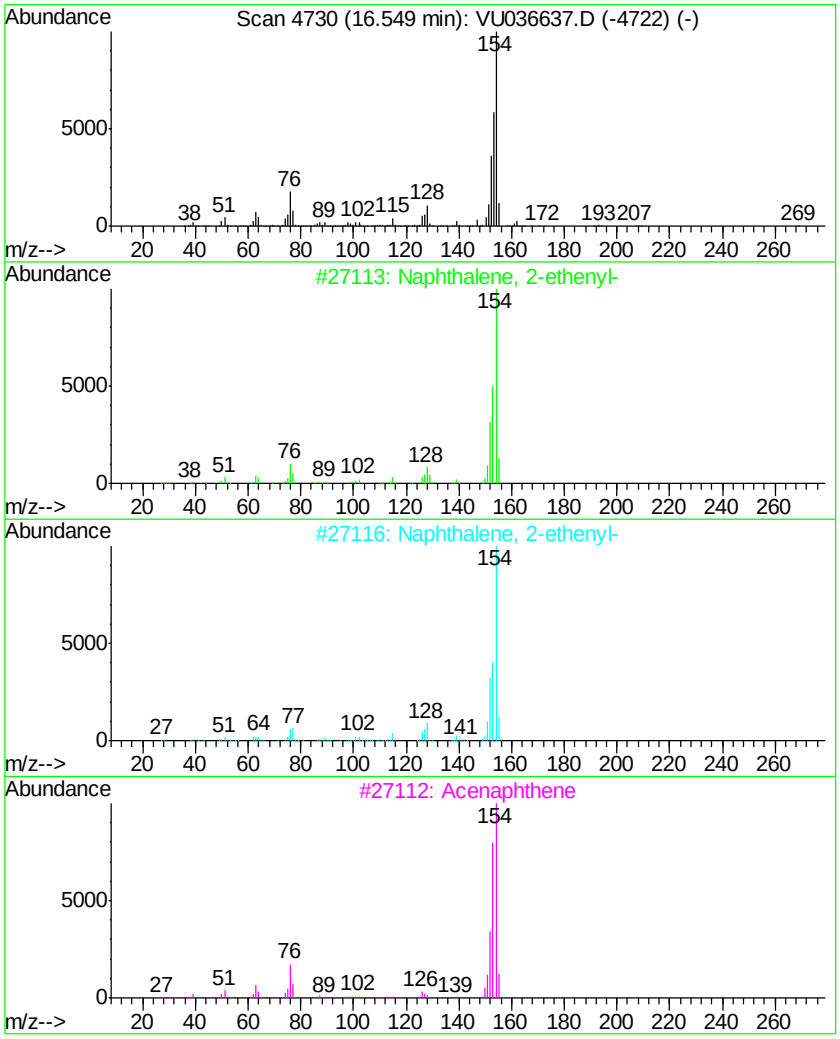
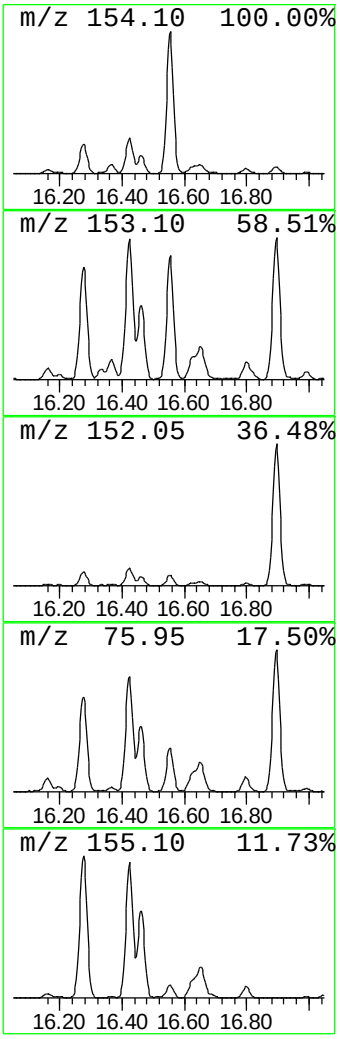
Peak Number 35 Naphthalene, 2-ethenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	43.90 ug/L	783845	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	95
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3	Acenaphthene	154	C12H10	000083-32-9	93
4	Biphenyl	154	C12H10	000092-52-4	90
5	Biphenyl	154	C12H10	000092-52-4	81





Library Search Compound Report

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Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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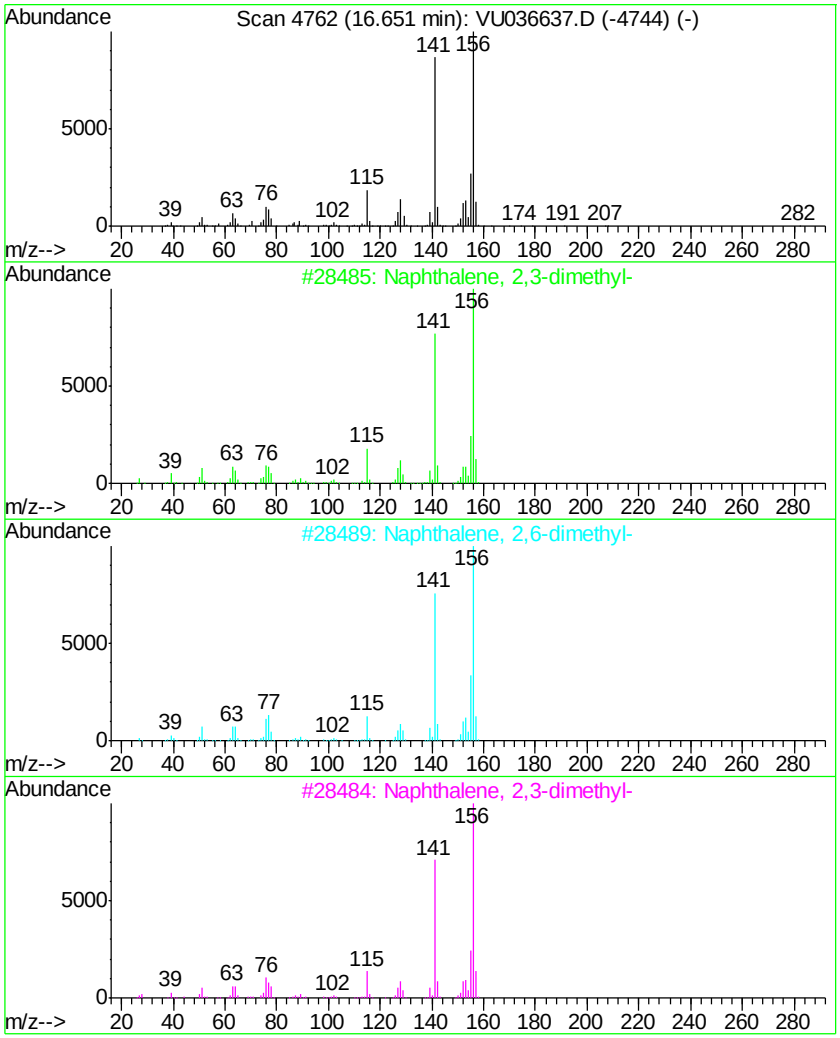
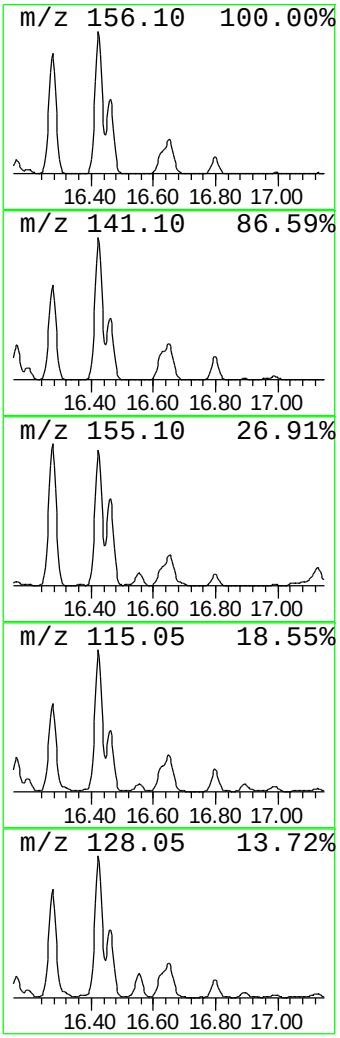
Peak Number 36 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	107.79 ug/L	1924360	1,4-Dichlorobenzene-d4	11.83

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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

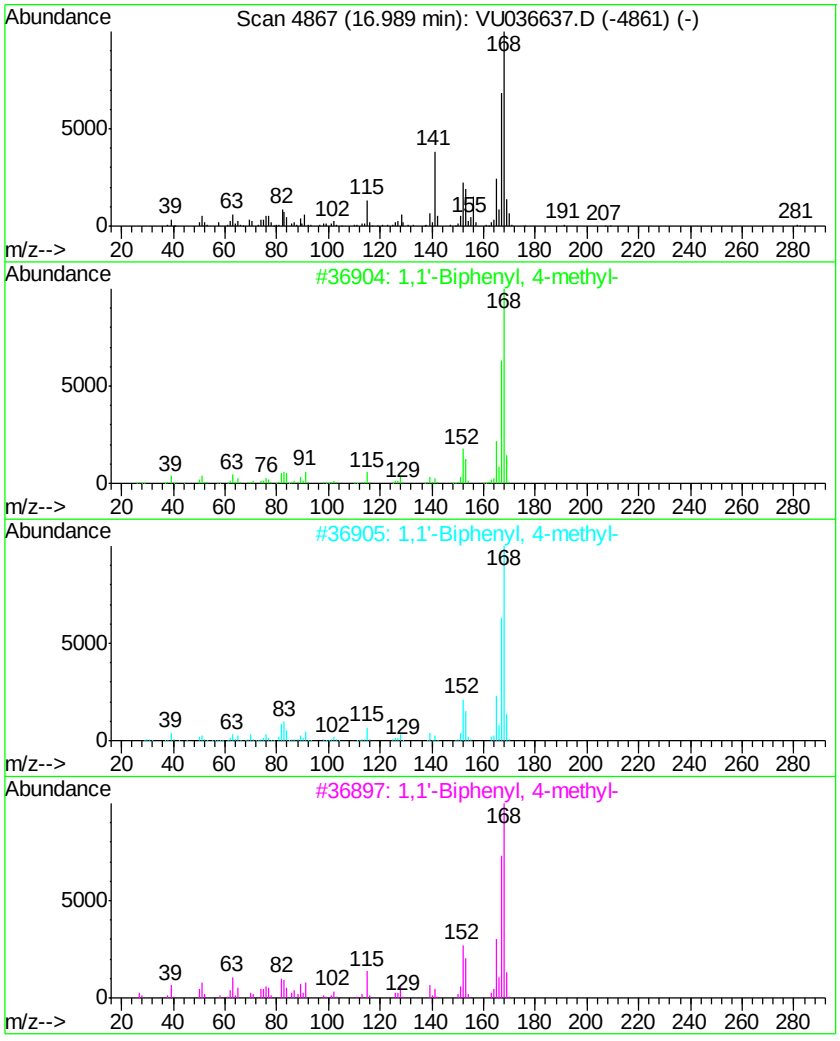
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

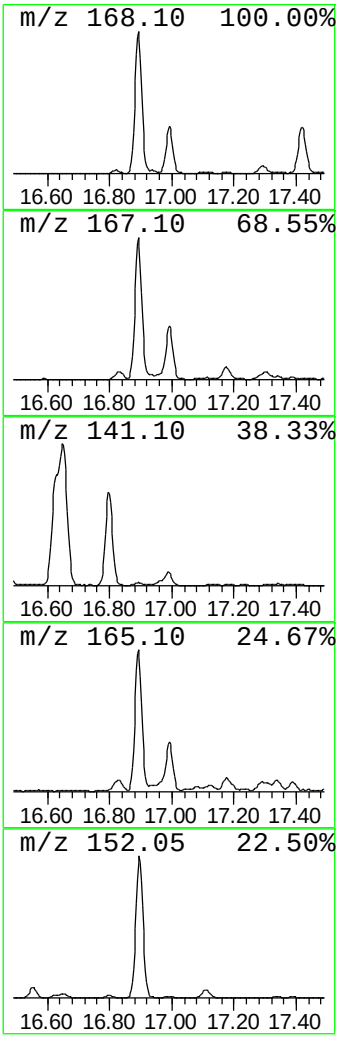
****

Peak Number 39 1,1'-Biphenyl, 4-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	11.83 ug/L	211167	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	94
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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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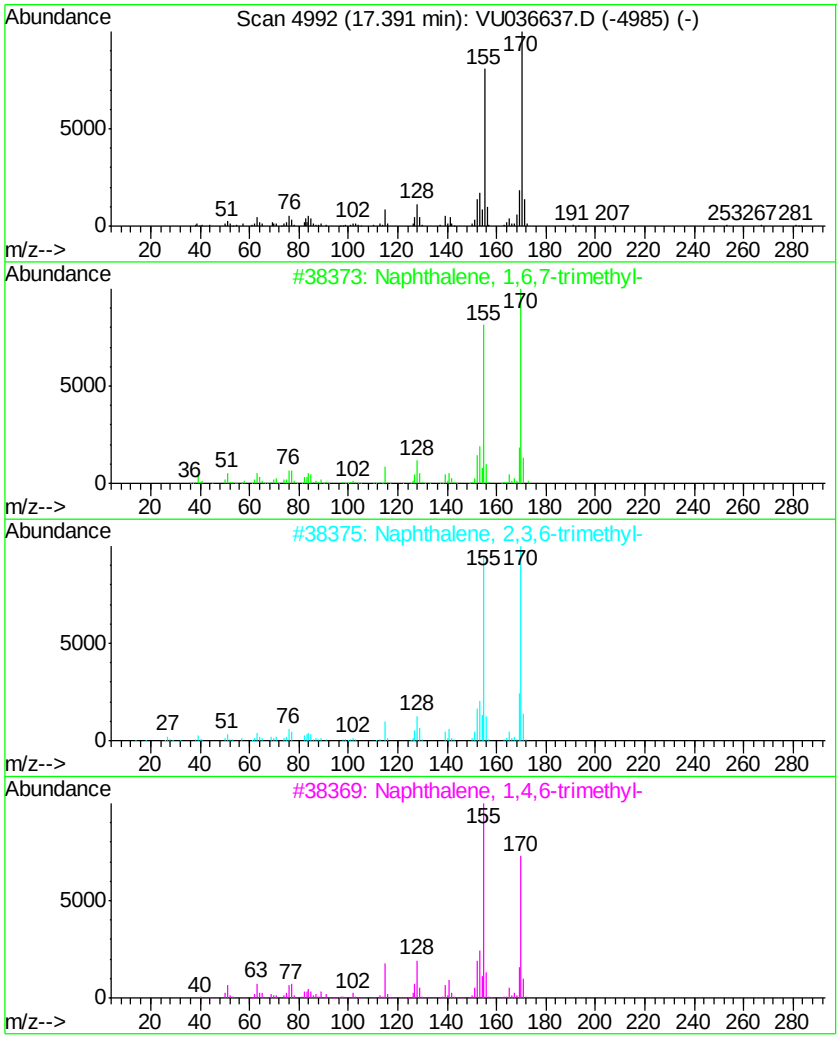
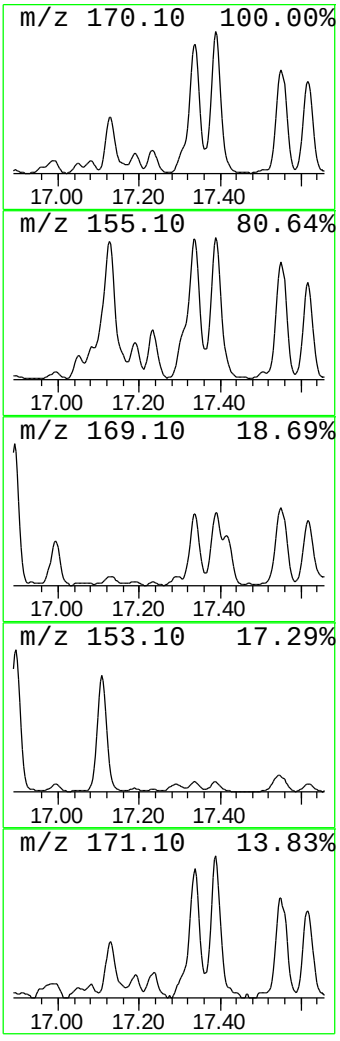
Peak Number 41 Naphthalene, 1,6,7-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	7.88 ug/L	140741	1,4-Dichlorobenzene-d4	11.83

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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

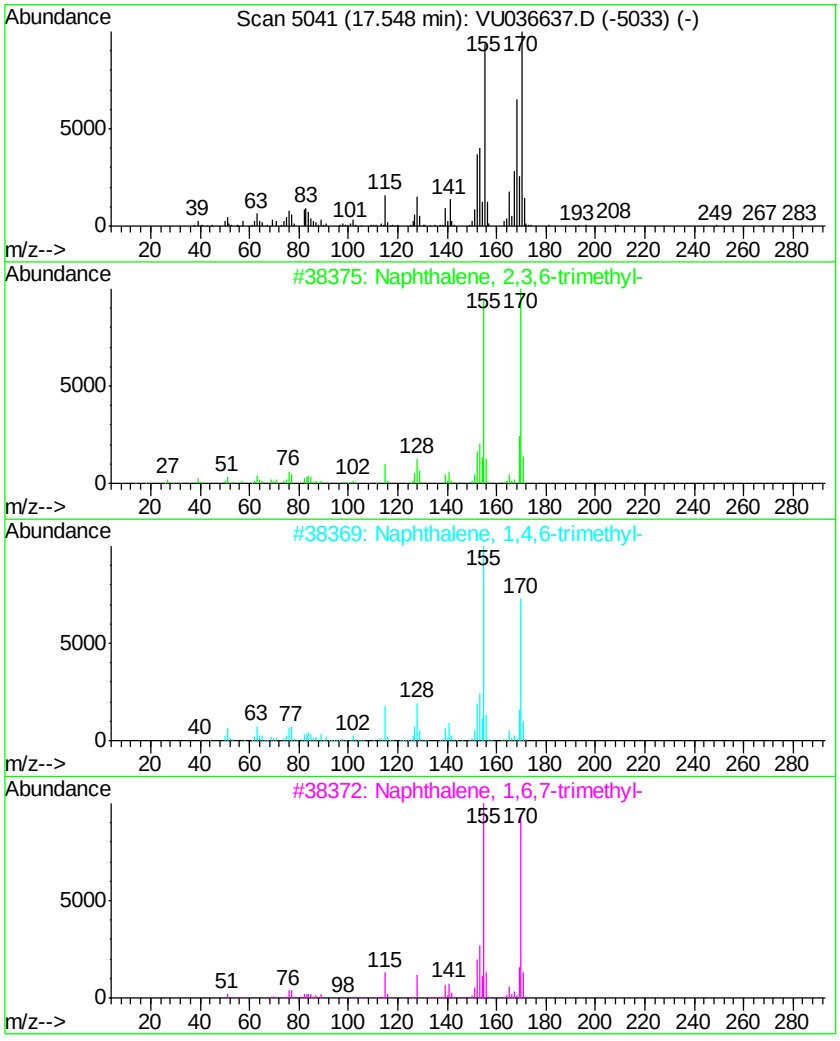
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

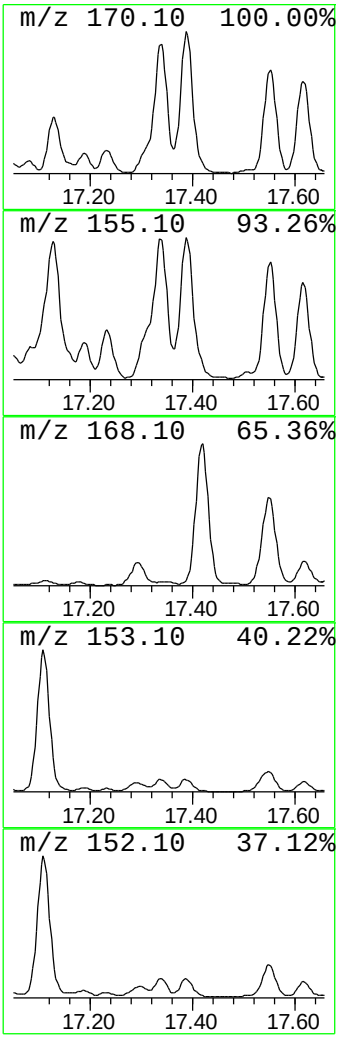
****

Peak Number 42 Naphthalene, 2,3,6-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	15.24 ug/L	272088	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036637.D
Acq On : 30 Jan 2020 23:20
Operator : JC/MD
Sample : L1324-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT61

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, 2-propenyl-	10.85	4.9	ug/L	87275	3	11.83	892674	50.0
Benzene, propyl-	10.93	6.3	ug/L	111616	3	11.83	892674	50.0
Benzene, 1-ethyl-...	11.02	32.9	ug/L	588136	3	11.83	892674	50.0
Mesitylene	11.11	36.7	ug/L	654995	3	11.83	892674	50.0
.alpha.-Methylsty...	11.34	18.9	ug/L	336721	3	11.83	892674	50.0
Benzene, 1,2,3-tr...	11.49	84.5	ug/L	1507800	3	11.83	892674	50.0
Benzene, 1-etheny...	11.56	84.2	ug/L	1502860	3	11.83	892674	50.0
Benzene, 1-etheny...	11.61	27.2	ug/L	485499	3	11.83	892674	50.0
Benzene, 1-propenyl-	11.97	13.5	ug/L	240683	3	11.83	892674	50.0
Indane	12.11	17.8	ug/L	316929	3	11.83	892674	50.0
Indene	12.33	170.0	ug/L	3035330	3	11.83	892674	50.0
Benzene, 2-ethyl-...	12.51	11.3	ug/L	202024	3	11.83	892674	50.0
Benzene, 1-methyl...	12.56	4.7	ug/L	83495	3	11.83	892674	50.0
Benzene, (2-methy...	12.76	26.5	ug/L	472565	3	11.83	892674	50.0
Benzene, 2-etheny...	12.83	6.8	ug/L	122145	3	11.83	892674	50.0
Benzene, 1-ethyl-...	13.05	28.2	ug/L	503205	3	11.83	892674	50.0
2,4-Dimethylstyrene	13.17	17.7	ug/L	316006	3	11.83	892674	50.0
(DEL) Alkane: Cyc...	13.41	3.8	ug/L	67970	3	11.83	892674	50.0
Benzene, 1,2,4,5-...	13.47	41.1	ug/L	733631	3	11.83	892674	50.0
2-Methylindene	13.54	31.7	ug/L	566233	3	11.83	892674	50.0
1,4-Dihydronaphth...	13.65	85.1	ug/L	1518790	3	11.83	892674	50.0
Naphthalene, 1,2-...	13.74	7.8	ug/L	139511	3	11.83	892674	50.0
1H-Indene, 1,3-di...	14.69	15.7	ug/L	279370	3	11.83	892674	50.0
Naphthalene, 1-me...	15.24	533.9	ug/L	9532390	3	11.83	892674	50.0
Naphthalene, 1-et...	16.16	25.6	ug/L	457403	3	11.83	892674	50.0
Naphthalene, 2-et...	16.55	43.9	ug/L	783845	3	11.83	892674	50.0
Naphthalene, 2,3-...	16.65	107.8	ug/L	1924360	3	11.83	892674	50.0
1,1'-Biphenyl, 4-...	16.99	11.8	ug/L	211167	3	11.83	892674	50.0
Naphthalene, 1,6,...	17.39	7.9	ug/L	140741	3	11.83	892674	50.0
Naphthalene, 2,3,...	17.55	15.2	ug/L	272088	3	11.83	892674	50.0