LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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	1.472	34	41	42	rBV2	7773	8646	0.01%	0.005%
2	1.610	76	84	95	rBV	83345	106789	0.18%	0.066%
3	1.887	165	170	182	rVB	27153	31577	0.05%	0.019%
4	2.543	362	374	391	rBV	161414	265120	0.46%	0.163%
5	2.639	394	404	409	rBV4	1871	3487	0.01%	0.002%
6	2.996	506	515	527	rBV3	1315	2491	0.00%	0.002%
7	3.060	527	535	546	rVB2	1682	3028	0.01%	0.002%
8	3.215	567	583	607	rBV2	21724	59426	0.10%	0.037%
9	3.427	645	649	653	rVV2	287	248	0.00%	0.000%
10	3.617	704	708	713	rBV	161	244	0.00%	0.000%
11	3.703	730	735	738	rVV2	726	763	0.00%	0.000%
12	3.858	779	783	788	rBV	143	218	0.00%	0.000%
13	4.642	1015	1027	1029	rVV2	456	822	0.00%	0.001%
14	4.703	1029	1046	1094	rVB3	47066	201066	0.35%	0.124%
15	5.105	1153	1171	1195	rVB	138636	329298	0.57%	0.203%
16	5.250	1211	1216	1222	rVV	264	452	0.00%	0.000%
17	5.324	1236	1239	1241	rBV2	592	442	0.00%	0.000%
18	5.755	1353	1373	1386	rBV2	366474	913491	1.58%	0.562%
19	6.031	1452	1459	1461	rBV3	585	574	0.00%	0.000%
20	6.051	1461	1465	1468	rVV2	252	289	0.00%	0.000%
21	6.144	1490	1494	1502	rVB2	195	322	0.00%	0.000%
22	6.211	1511	1515	1520	rBV	157	225	0.00%	0.000%
23	6.282	1522	1537	1561	rVV	315894	630972	1.09%	0.388%
24	6.559	1612	1623	1634	rVB2	8328	15028	0.03%	0.009%
25	6.642	1643	1649	1661	rBV3	1150	1943	0.00%	0.001%
26	6.726	1661	1675	1695	rBV	196471	399636	0.69%	0.246%
27	6.838	1706	1710	1712	rBV2	283	262	0.00%	0.000%
28	7.224	1821	1830	1841	rVB7	2867	5418	0.01%	0.003%
29	7.269	1841	1844	1848	rBV2	380	333	0.00%	0.000%
30	7.597	1933	1946	1969	rBV	109868	207458	0.36%	0.128%
31	7.716	1977	1983	1994	rVB4	876	1601	0.00%	0.001%
32	7.771	1994	2000	2005	rBV	177	253	0.00%	0.000%
33	7.822	2005	2016	2024	rBV8	2177	4452	0.01%	0.003%
34	7.928	2035	2049	2061	rBV	434102	786407	1.36%	0.484%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

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

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

35	7.999	2061	2071	2092	rVB	116525	211054	0.36%	0.130%
36	8.153	2114	2119	2125	rVB5	1842	2437	0.00%	0.001%
37	8.211	2125	2137	2158	rBV	74575	142010	0.24%	0.087%
38	8.581	2239	2252	2266	rBV	217059	375403	0.65%	0.231%
39	8.690	2268	2286	2309	rBV	248739	532495	0.92%	0.328%
40	8.774	2310	2312	2321	rVB5	1051	1260	0.00%	0.001%
41	8.816	2321	2325	2329	rBV3	783	760	0.00%	0.000%
42	8.890	2339	2348	2358	rVB3	2122	3072	0.01%	0.002%
43	8.951	2358	2367	2376	rBV5	3201	5316	0.01%	0.003%
44	9.083	2402	2408	2409	rBV2	902	737	0.00%	0.000%
45	9.144	2419	2427	2433	rVV2	1013	1626	0.00%	0.001%
46	9.192	2433	2442	2448	rVV4	2609	4241	0.01%	0.003%
47	9.234	2448	2455	2468	rVV5	4001	6830	0.01%	0.004%
48	9.359	2485	2494	2506	rVB	5191	7353	0.01%	0.005%
49	9.449	2506	2522	2539	rBV	418767	796413	1.37%	0.490%
50	9.600	2555	2569	2584	rBV	344335	606561	1.05%	0.373%
51	9.722	2591	2607	2641	rVB	777821	1496707	2.58%	0.921%
52	9.893	2651	2660	2676	rBV10	4078	8928	0.02%	0.005%
53	9.980	2680	2687	2695	rBV4	1341	1663	0.00%	0.001%
54	10.057	2697	2711	2719	rBV6	7422	19801	0.03%	0.012%
55	10.140	2721	2737	2761	rVB4	884929	1948900	3.36%	1.199%
56	10.272	2761	2778	2794	rBV6	19222	53439	0.09%	0.033%
57	10.378	2803	2811	2818	rBV2	19809	34081	0.06%	0.021%
58	10.513	2838	2853	2861	rBV	14228	31940	0.06%	0.020%
59	10.719	2911	2917	2926	rBV8	5248	9095	0.02%	0.006%
60	10.787	2926	2938	2948	rBV	321801	545830	0.94%	0.336%
61	10.931	2974	2983	2992	rBV	61550	100986	0.17%	0.062%
62	11.025	3002	3012	3027	rBV	311158	790431	1.36%	0.486%
63	11.115	3032	3040	3062	rVB2	490062	1003642	1.73%	0.618%
64	11.340	3094	3110	3121	rBV2	223144	513042	0.88%	0.316%
65	11.436	3133	3140	3145	rBV	51594	70148	0.12%	0.043%
66	11.491	3146	3157	3168	rVV	1470684	2302336	3.97%	1.417%
67	11.562	3168	3179	3188	rVV	1682484	2583964	4.46%	1.590%
68	11.613	3188	3195	3205	rVB	564506	835412	1.44%	0.514%
69	11.838	3254	3265	3276	rBV	569554	920213	1.59%	0.566%
70	11.918	3281	3290	3298	rVV	535172	835973	1.44%	0.514%
71	11.970	3299	3306	3316	rVB	414368	605307	1.04%	0.372%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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	12.118	3342	3352	3360	rBV	347972	623398	1.07%	0.384%
73	12.214	3372	3382	3396	rVB3	684505	1217982	2.10%	0.749%
74	12.336	3409	3420	3434	rVB	6643391	10740617	18.52%	6.609%
75	12.491	3460	3468	3470	rBV	84869	113358	0.20%	0.070%
76	12.562	3484	3490	3495	rBV2	127199	183997	0.32%	0.113%
77	12.767	3546	3554	3564	rVB	518888	796030	1.37%	0.490%
78	12.828	3566	3573	3579	rBV	121238	178662	0.31%	0.110%
79	12.944	3603	3609	3617	rBV3	111611	186963	0.32%	0.115%
80	13.050	3633	3642	3655	rVB3	440747	907978	1.57%	0.559%
81	13.169	3671	3679	3688	rBV	358671	564749	0.97%	0.348%
82	13.468	3760	3772	3784	rVV4	556793	1281958	2.21%	0.789%
83	13.539	3785	3794	3808	rVB	1988818	3012266	5.19%	1.854%
84	13.648	3818	3828	3841	rVB	2169873	3687362	6.36%	2.269%
85	13.748	3852	3859	3870	rVB2	330562	496444	0.86%	0.305%
86	14.118	3959	3974	3991	rVB2	30135643	57992262	100.00%	35.684%
87	14.690	4146	4152	4161	rVB2	285619	409354	0.71%	0.252%
88	15.246	4312	4325	4349	rVB	18252595	29976400	51.69%	18.445%
89	15.430	4370	4382	4402	rVB	10698359	17227390	29.71%	10.600%
90	15.967	4540	4549	4560	rVB	1018112	1558971	2.69%	0.959%
91	16.159	4602	4609	4617	rBV	520223	707520	1.22%	0.435%
92	16.275	4634	4645	4668	rVB	1760751	3063187	5.28%	1.885%
93	16.423	4681	4691	4697	rBV	1768302	2757392	4.75%	1.697%
94	16.552	4724	4731	4743	rVB	236453	381723	0.66%	0.235%
95	16.648	4746	4761	4782	rVB	353110	1002566	1.73%	0.617%
96	16.796	4800	4807	4826	rVB	182651	303909	0.52%	0.187%
97	16.893	4828	4837	4854	rVV2	694490	1121978	1.93%	0.690%
98	17.111	4898	4905	4922	rVB2	158224	338984	0.58%	0.209%
99	17.388	4985	4991	4998	rBV	95748	142497	0.25%	0.088%
100	17.616	5056	5062	5071	rVB2	98122	148160	0.26%	0.091%

Sum of corrected areas: 162516244

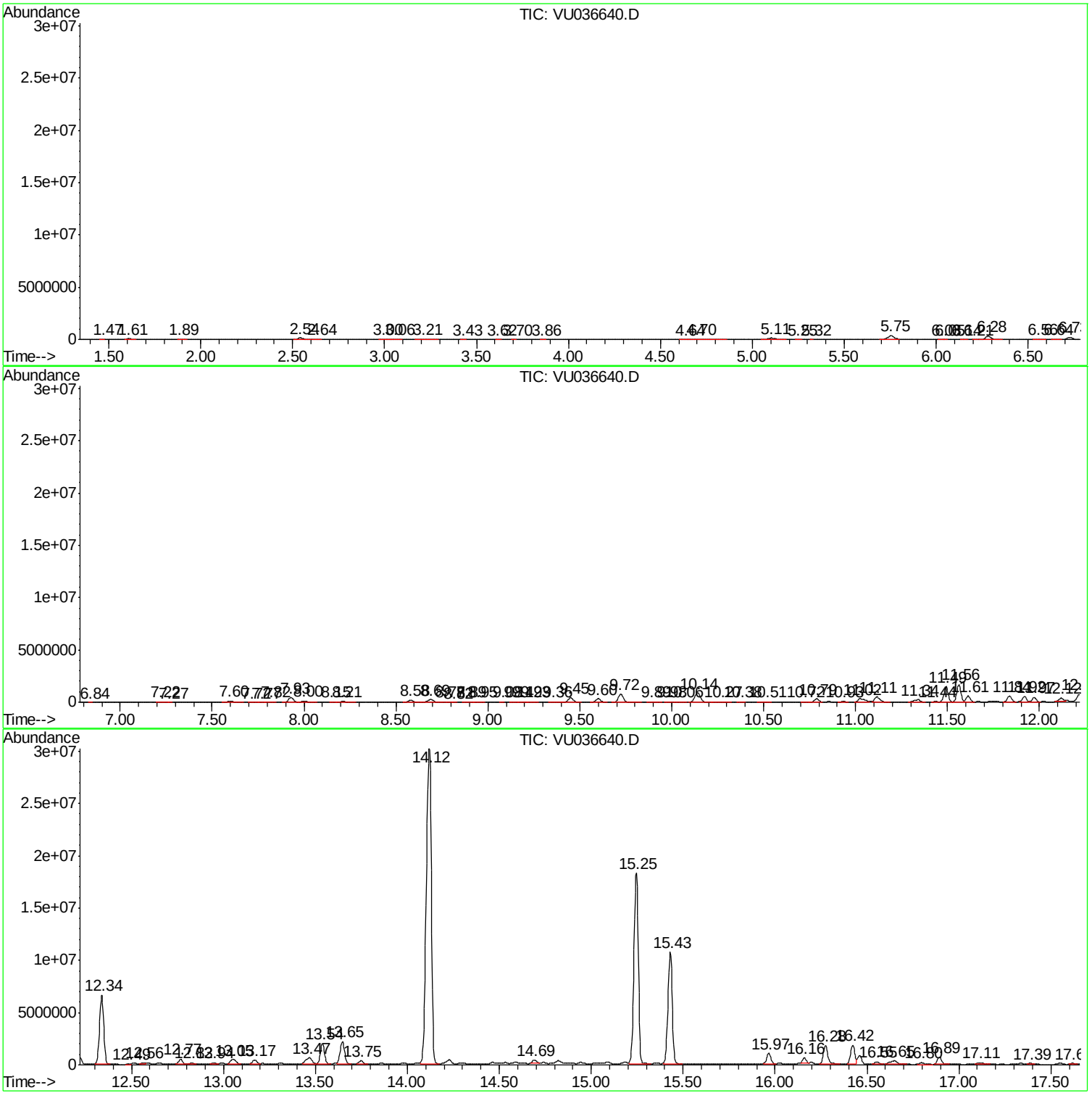
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT66

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 : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

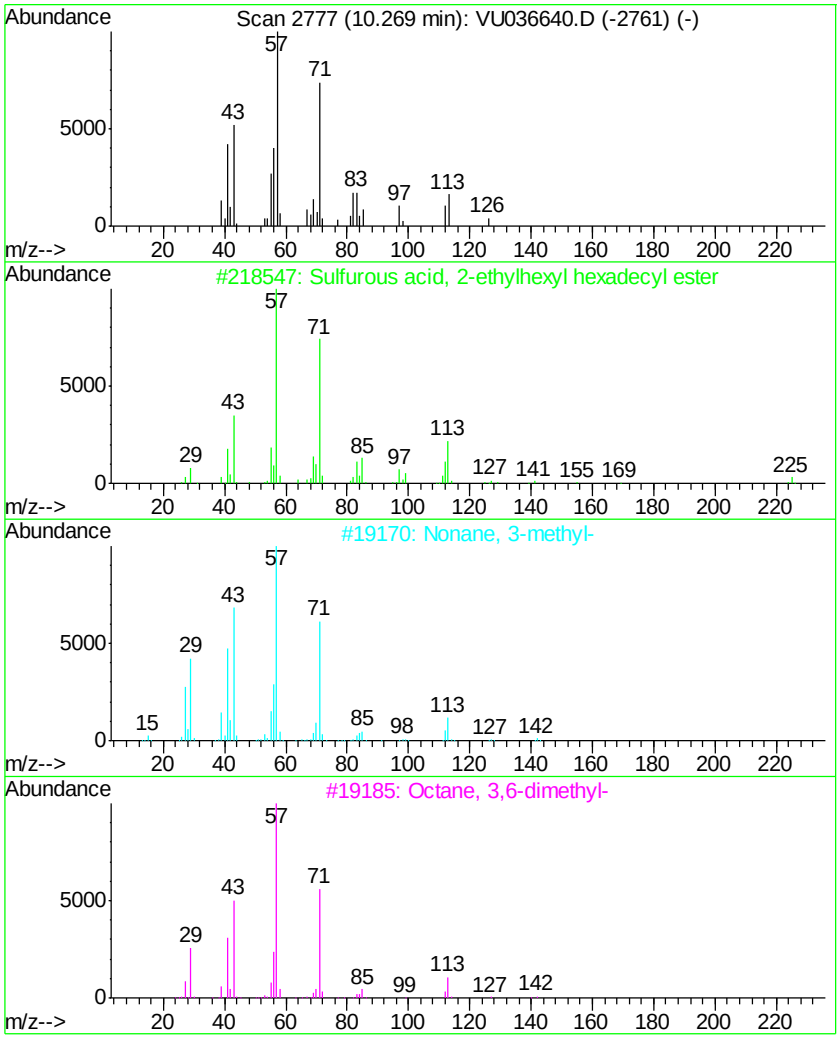
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

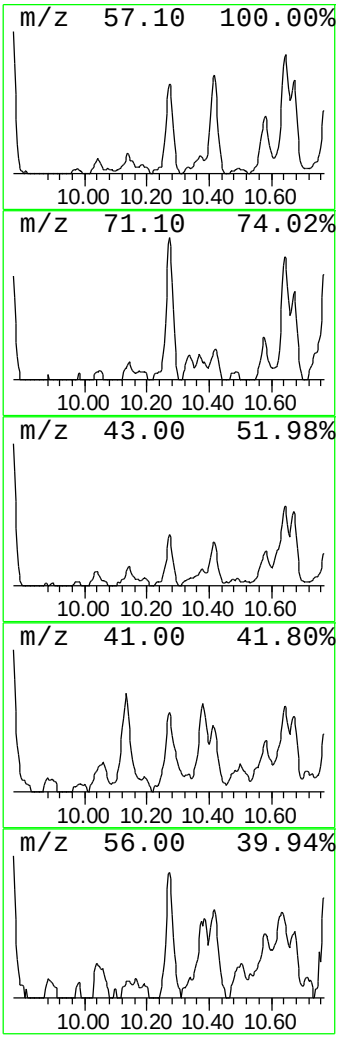
****

Peak Number 3 Sulfurous acid, 2-ethylhexy... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	3.35 ug/L	53439	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

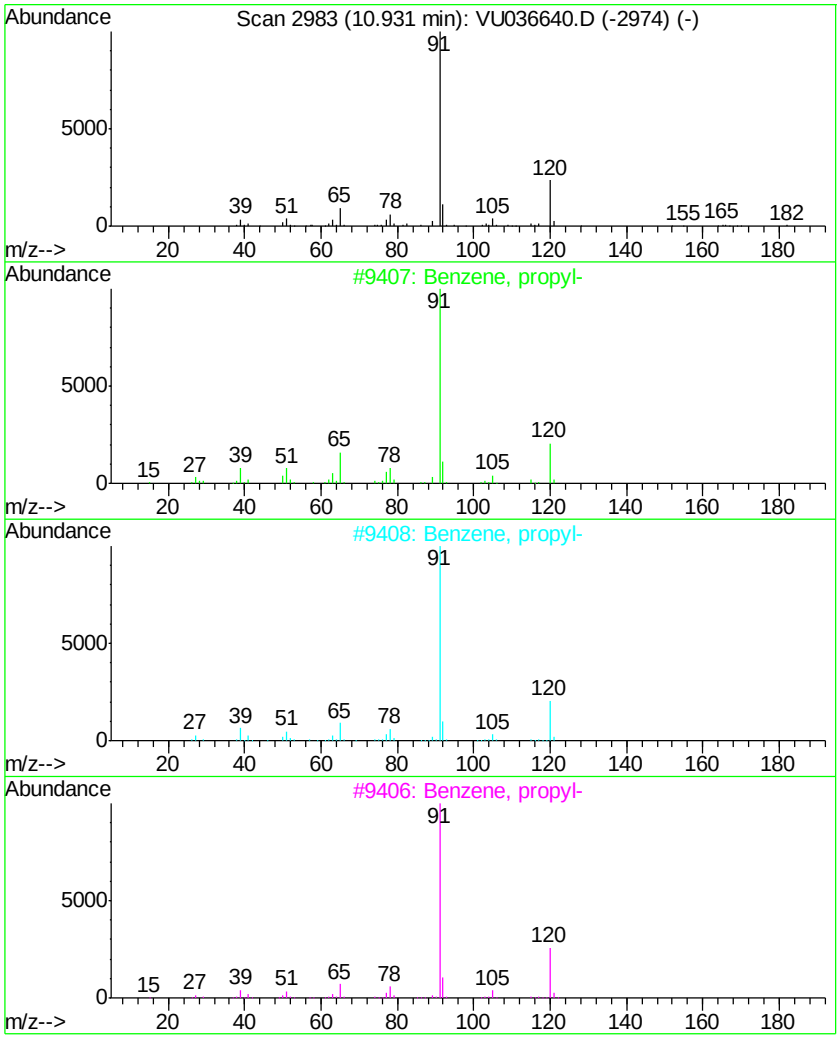
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

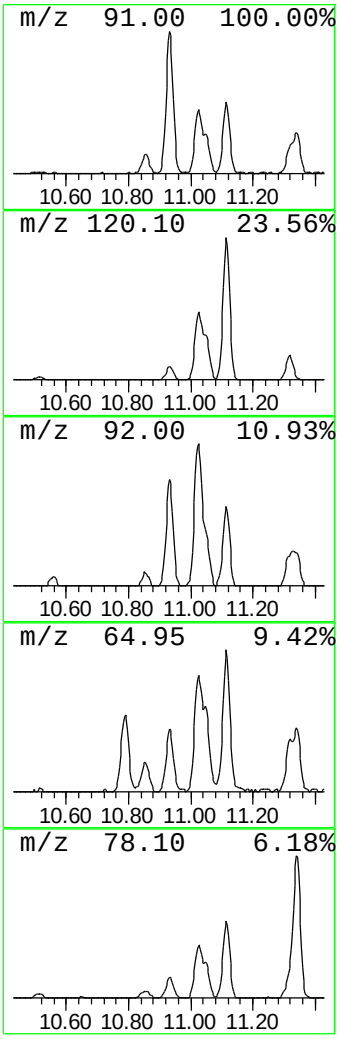
****

Peak Number 4 Benzene, propyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	5.49 ug/L	100986	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

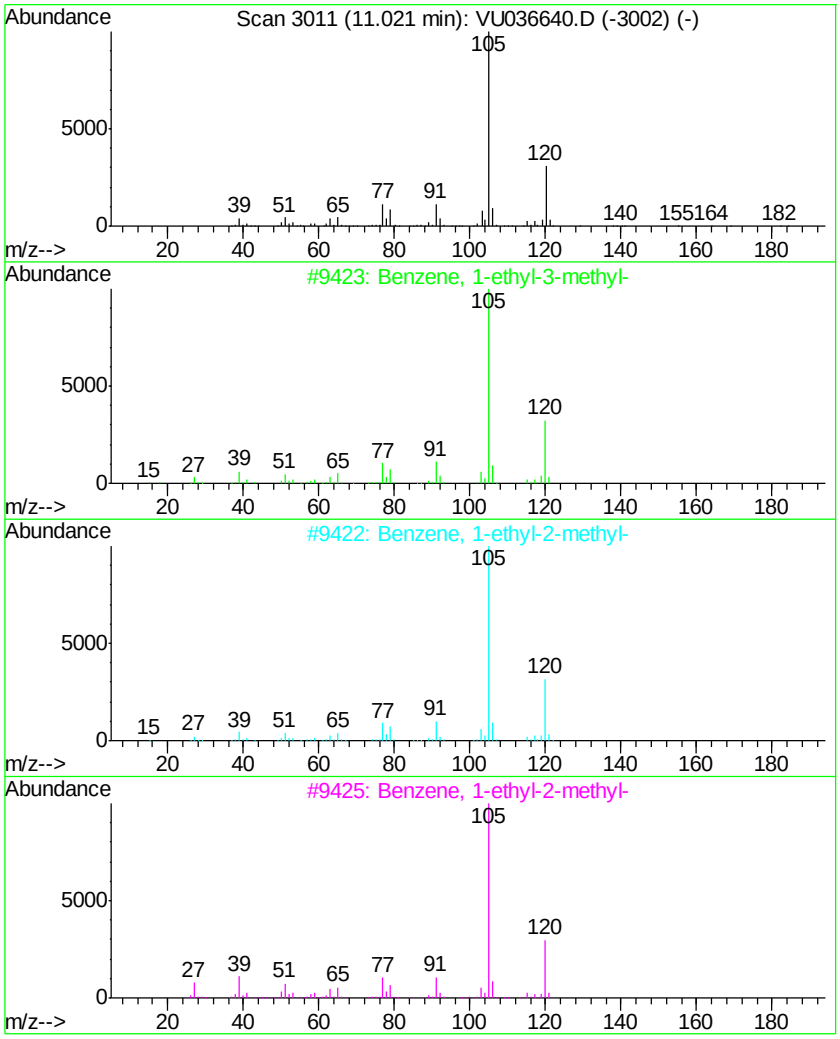
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

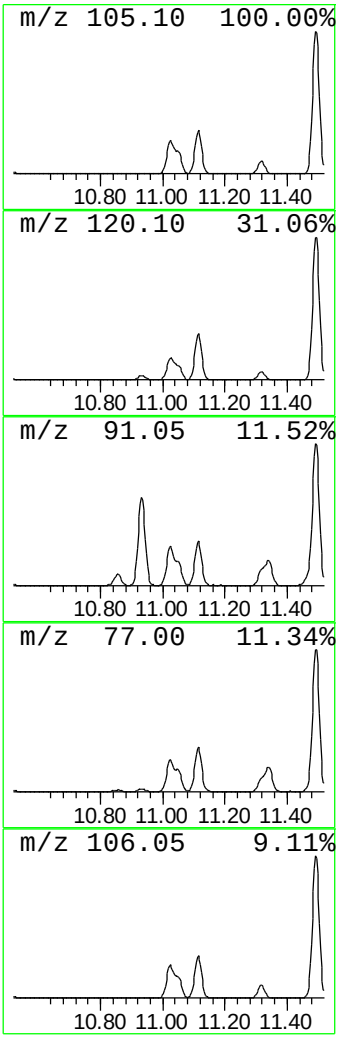
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	42.95 ug/L	790431	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	97
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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

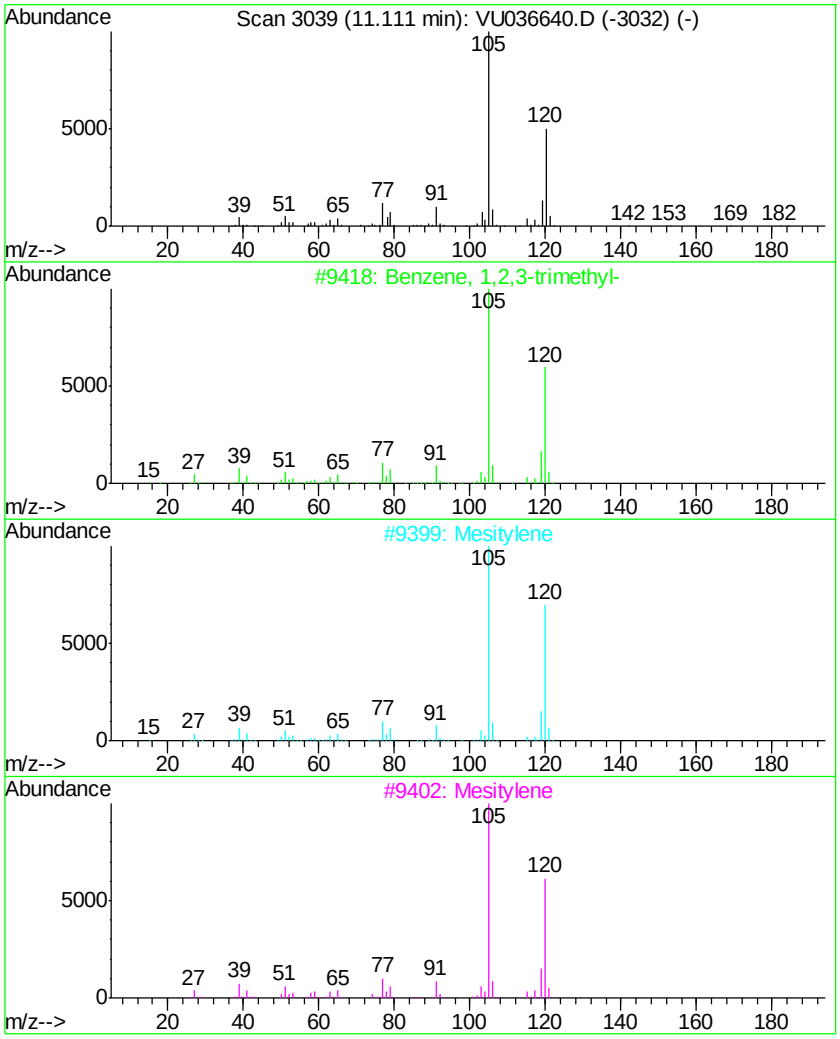
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

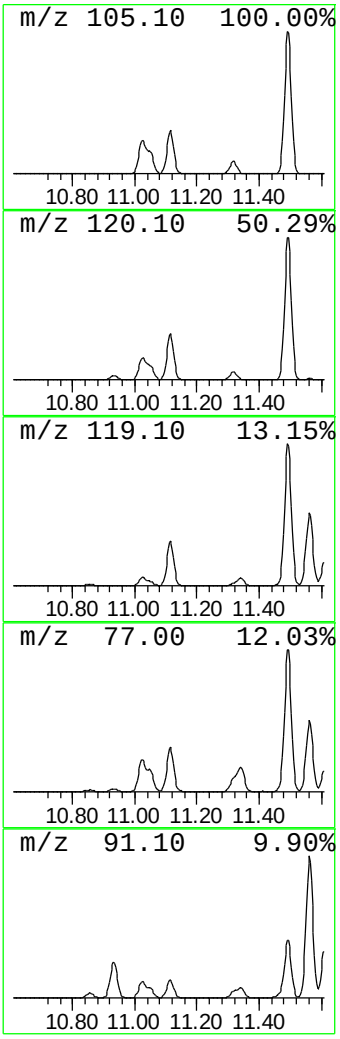
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	54.53 ug/L	1003640	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	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

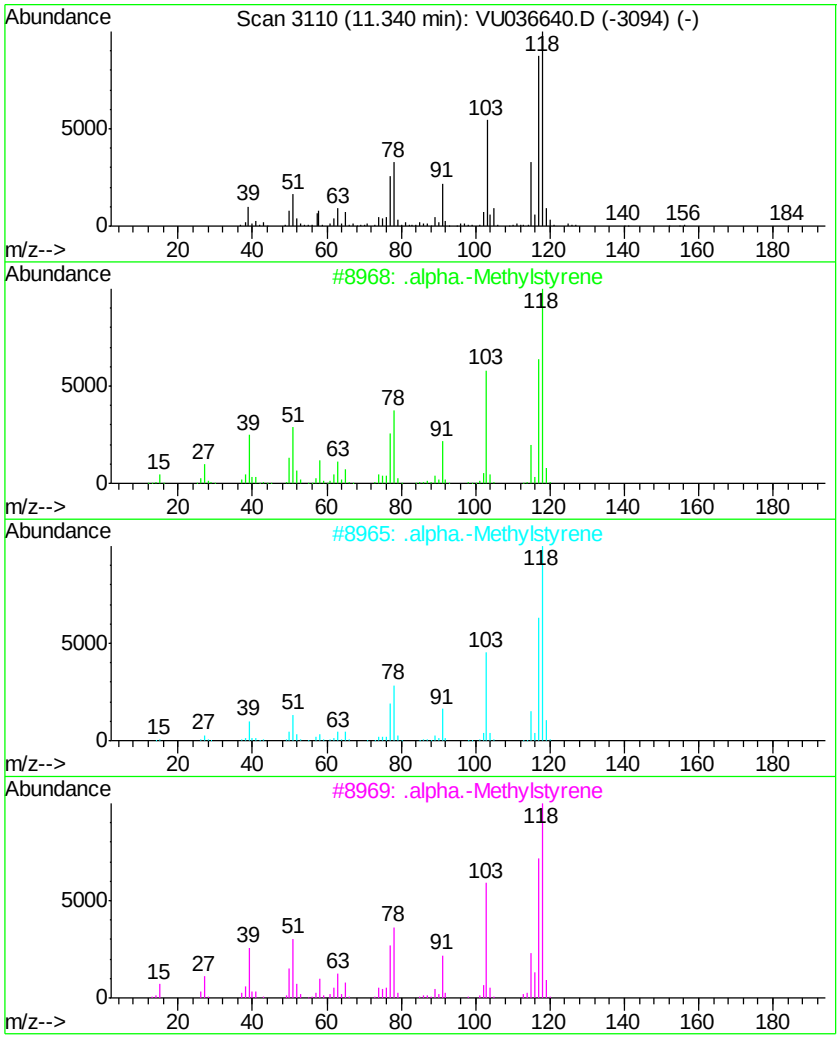
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

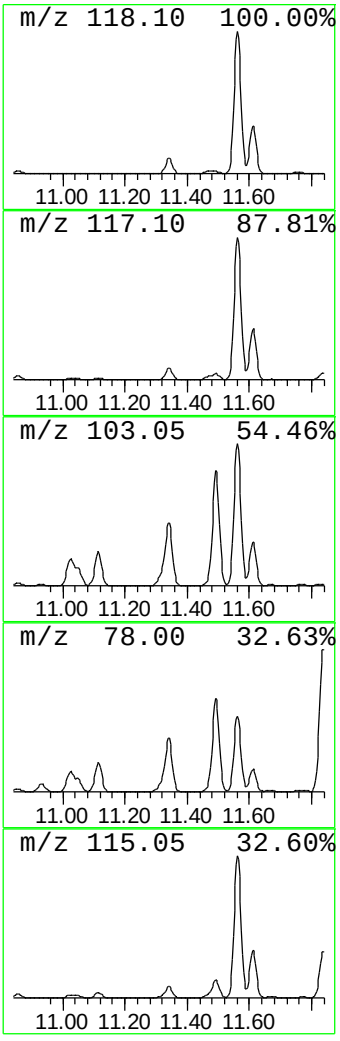
****

Peak Number 7 .alpha.-Methylstyrene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	27.88 ug/L	513042	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	95
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	89
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
5	Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

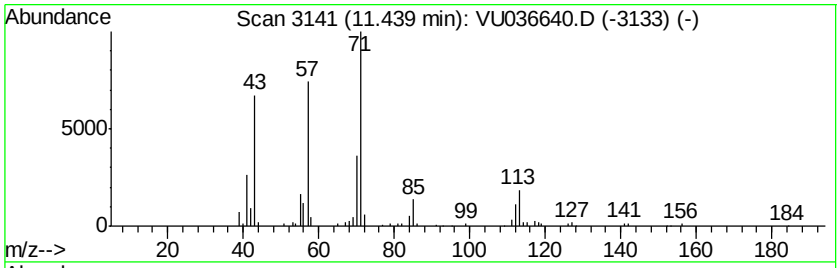
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

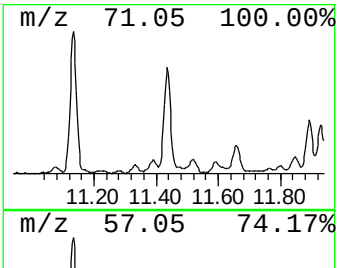
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	3.81 ug/L	70148	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	95
2	Decane, 4-methyl-	156	C11H24	002847-72-5	91
3	Decane, 4-methyl-	156	C11H24	002847-72-5	91
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	86
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

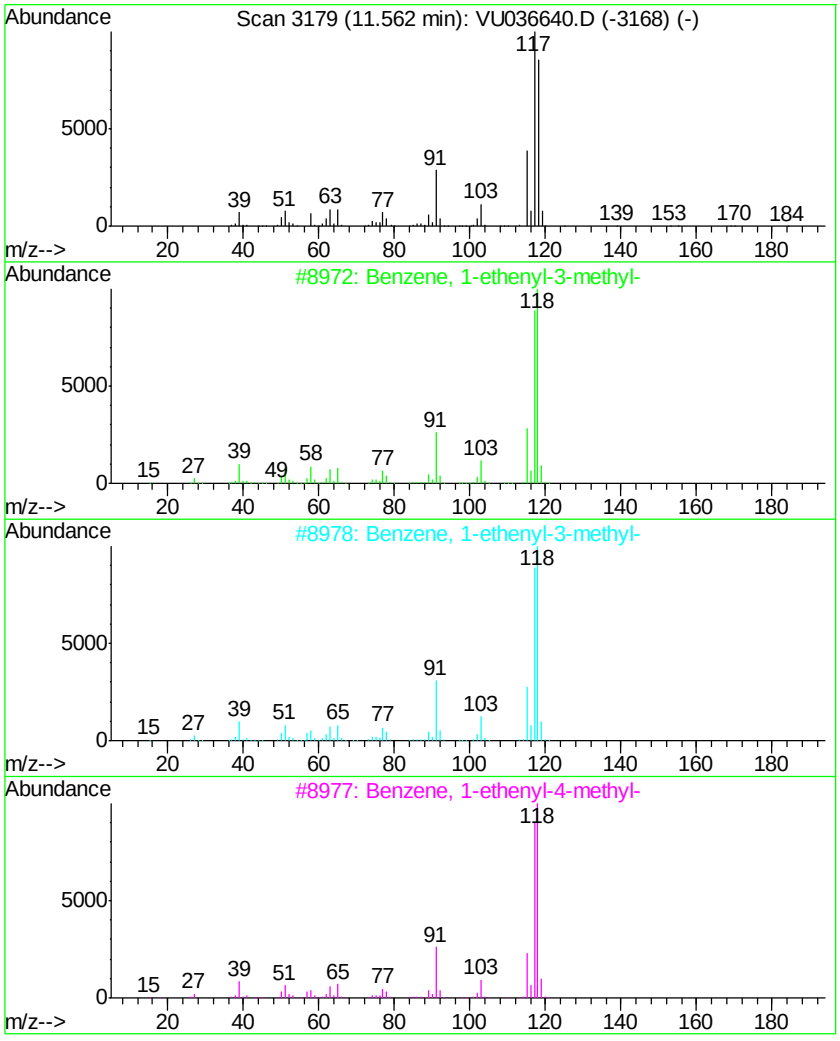
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

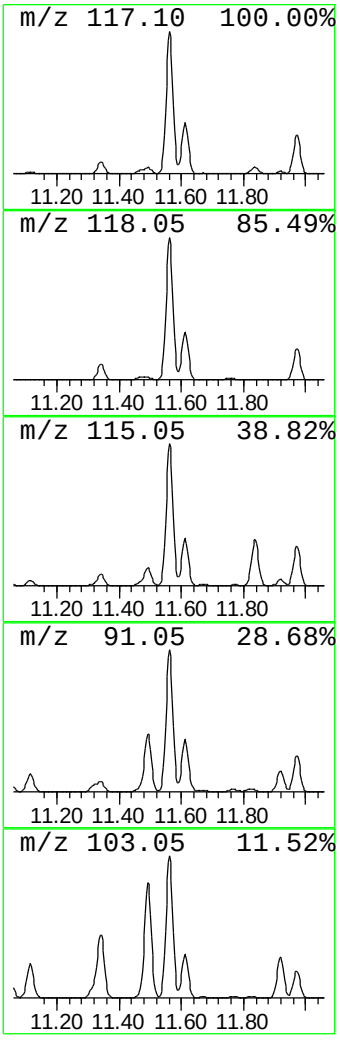
****

Peak Number 10 Benzene, 1-ethenyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	140.40 ug/L	2583960	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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

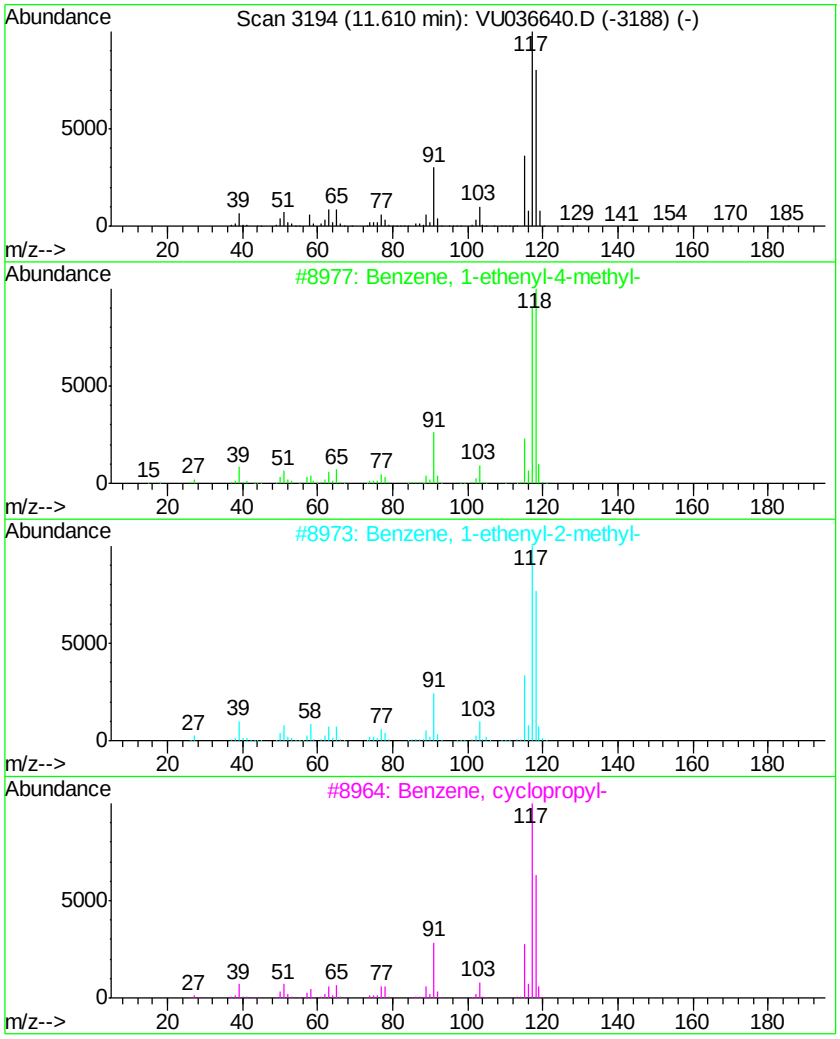
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

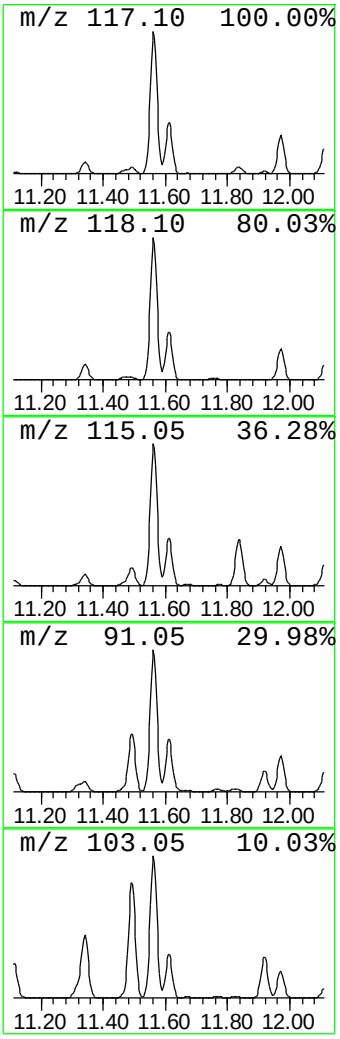
****

Peak Number 11 Benzene, 1-ethenyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	45.39 ug/L	835412	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87





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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

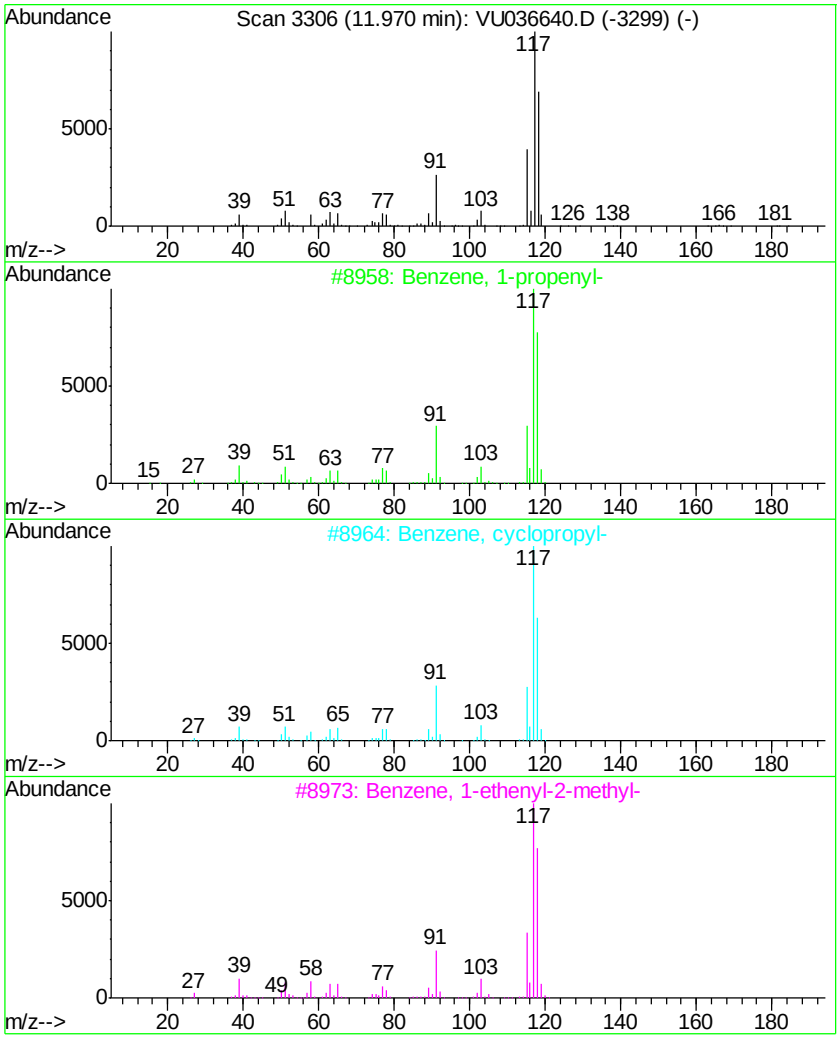
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

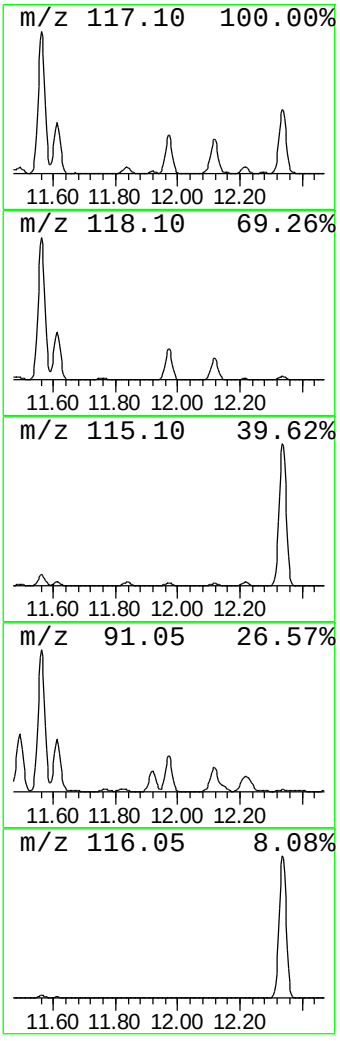
****

Peak Number 13 Benzene, 1-propenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	32.89 ug/L	605307	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	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
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





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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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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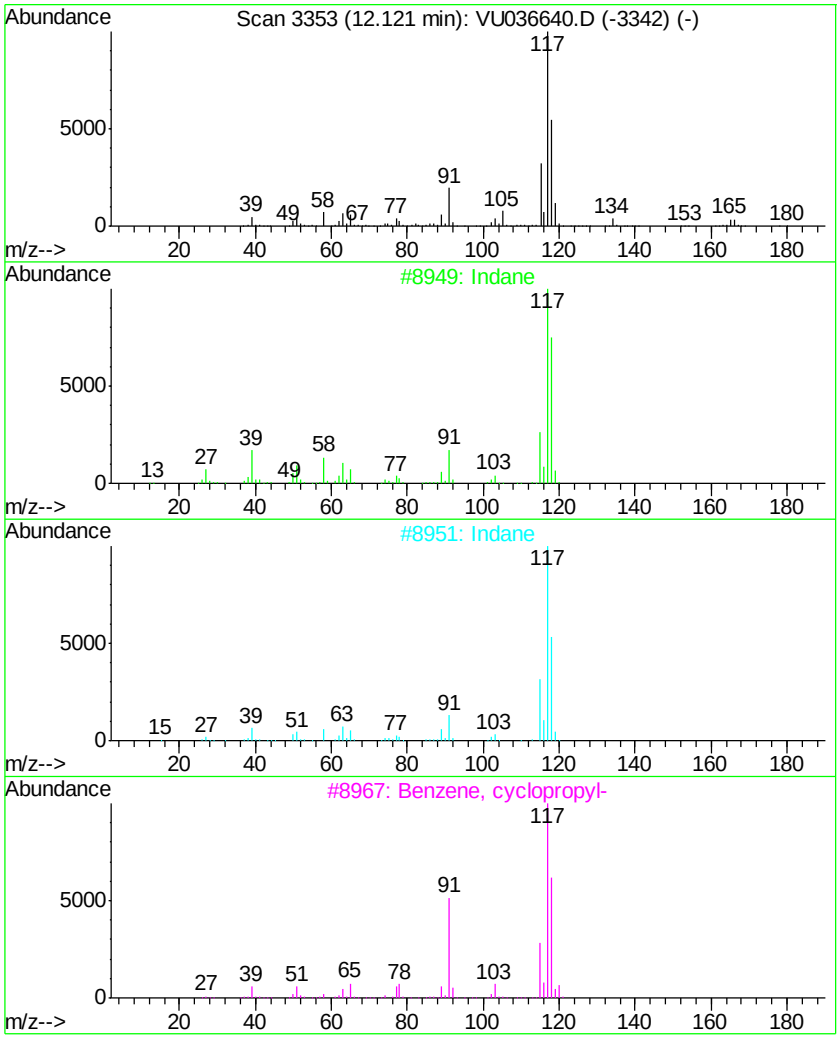
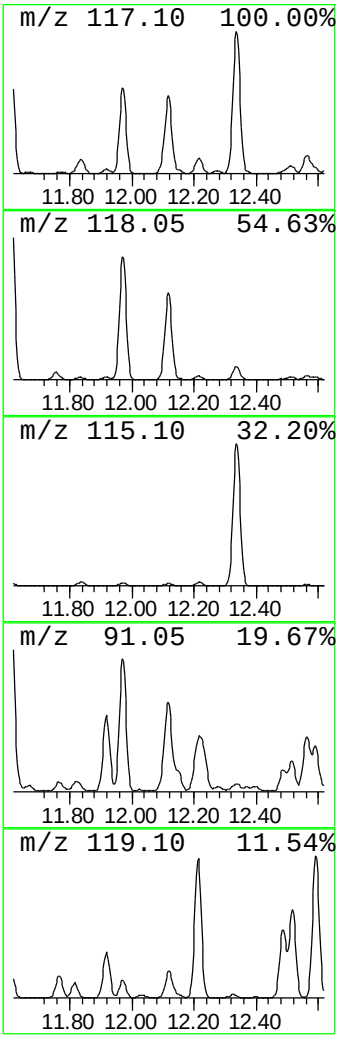
Peak Number 14 Indane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	33.87 ug/L	623398	1,4-Dichlorobenzene-d4	11.84

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





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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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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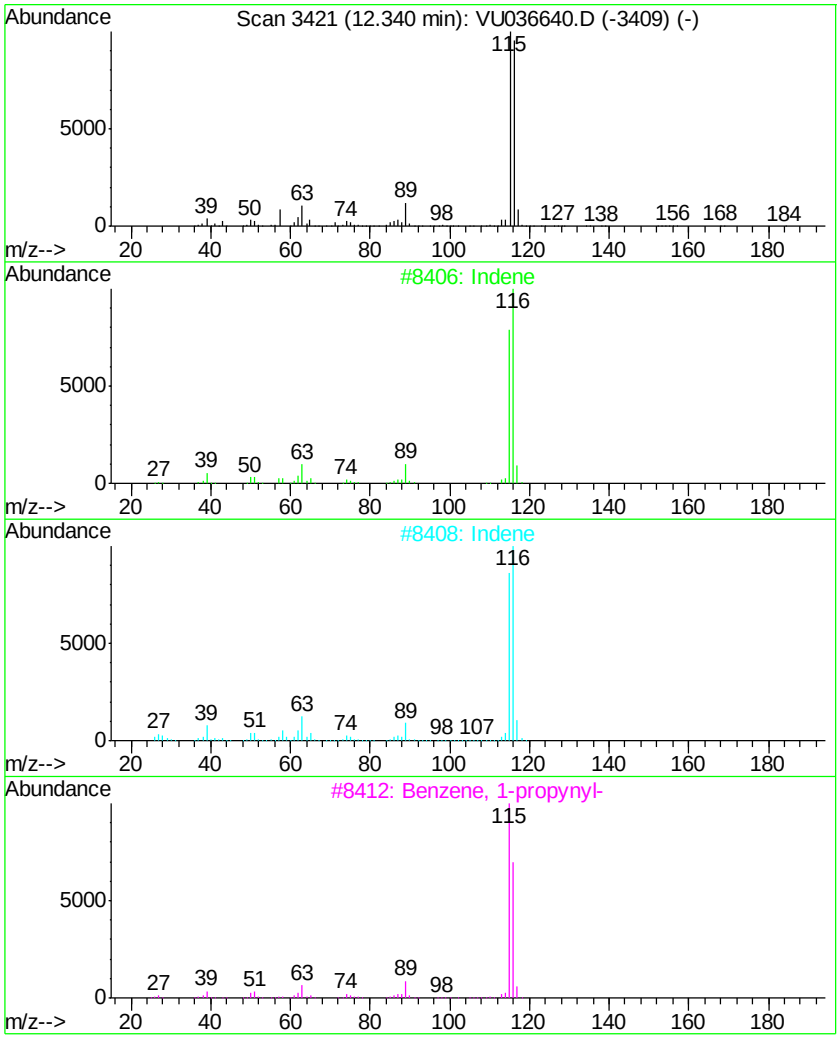
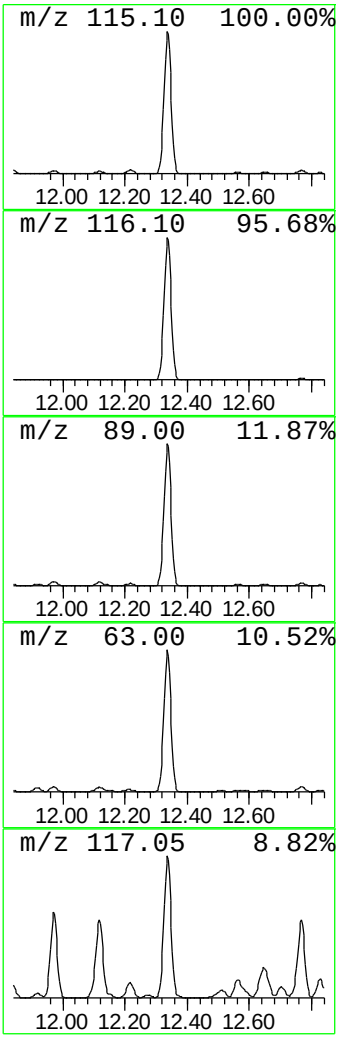
Peak Number 15 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	583.59 ug/L	10740600	1,4-Dichlorobenzene-d4	11.84

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





Library Search Compound Report

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Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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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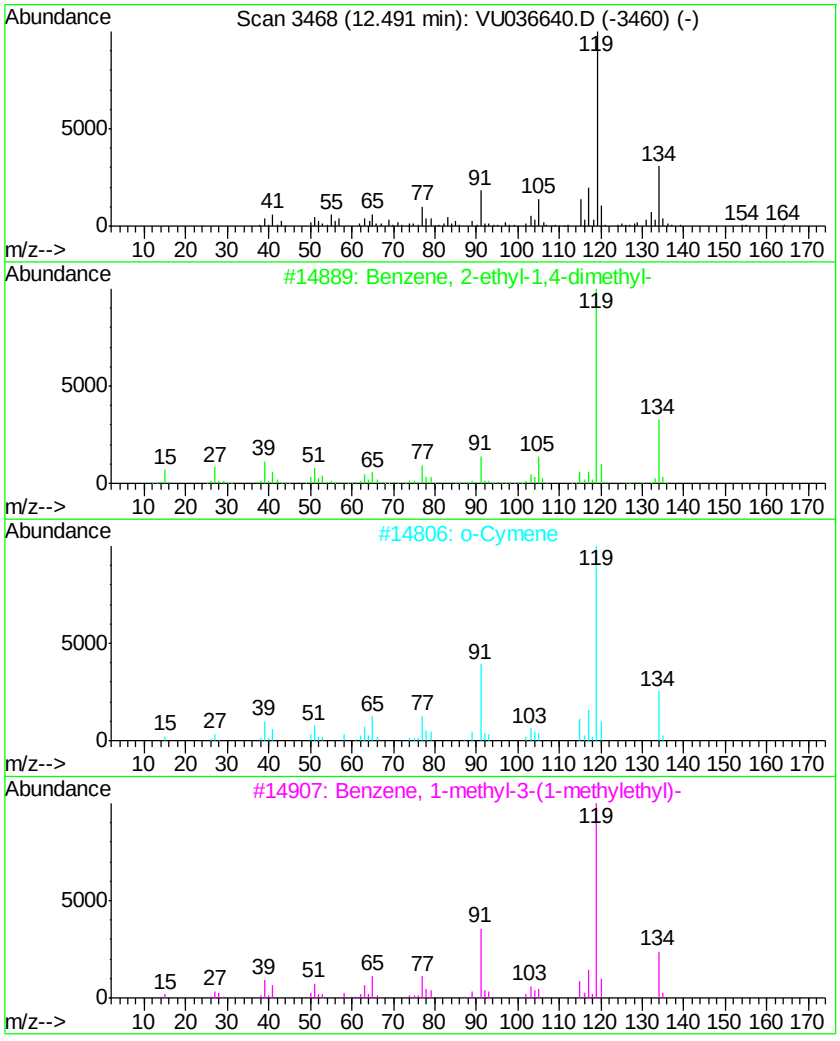
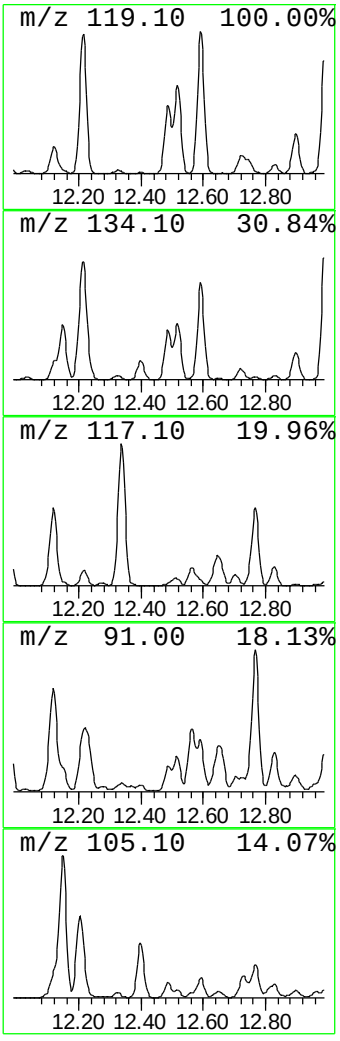
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	6.16 ug/L	113358	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	93
2	o-Cymene	134	C10H14	000527-84-4	90
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81





Library Search Compound Report

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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

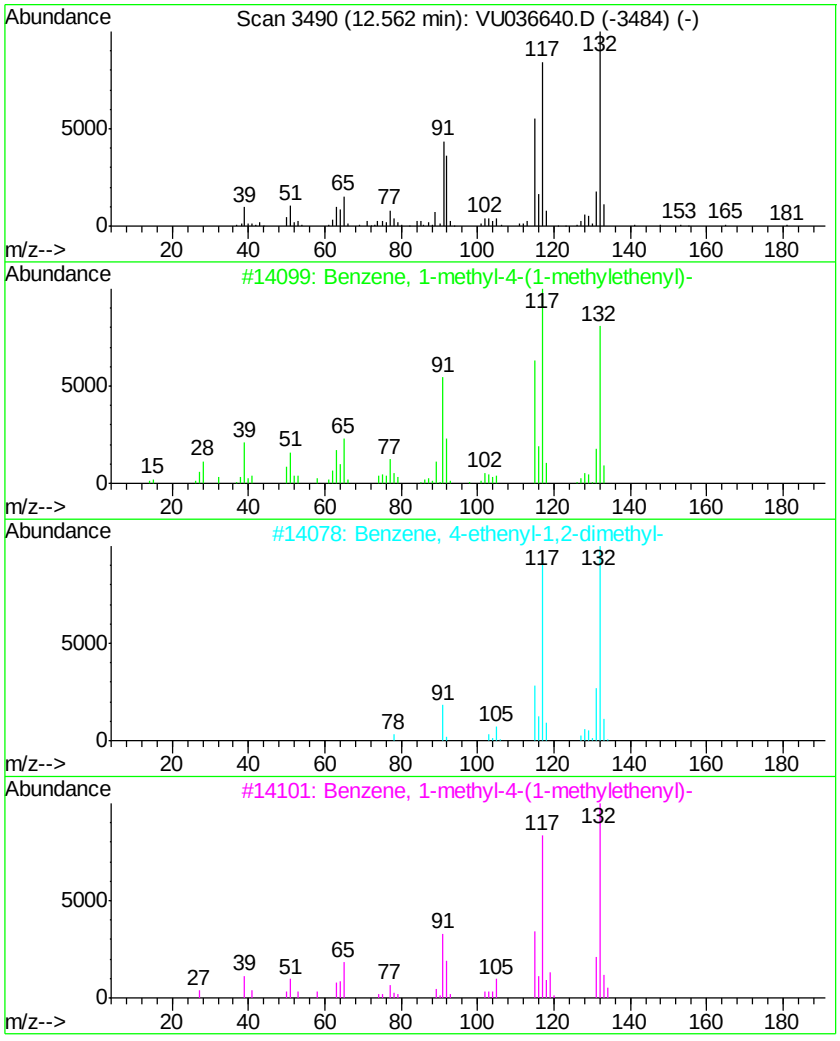
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

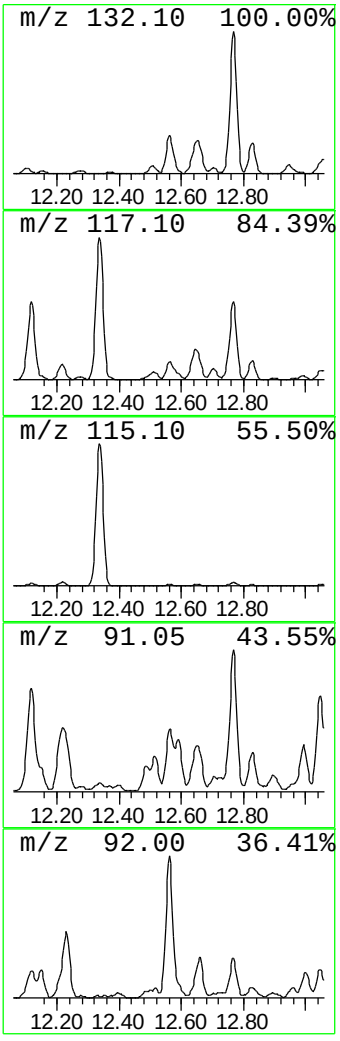
****

Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	10.00 ug/L	183997	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	97
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

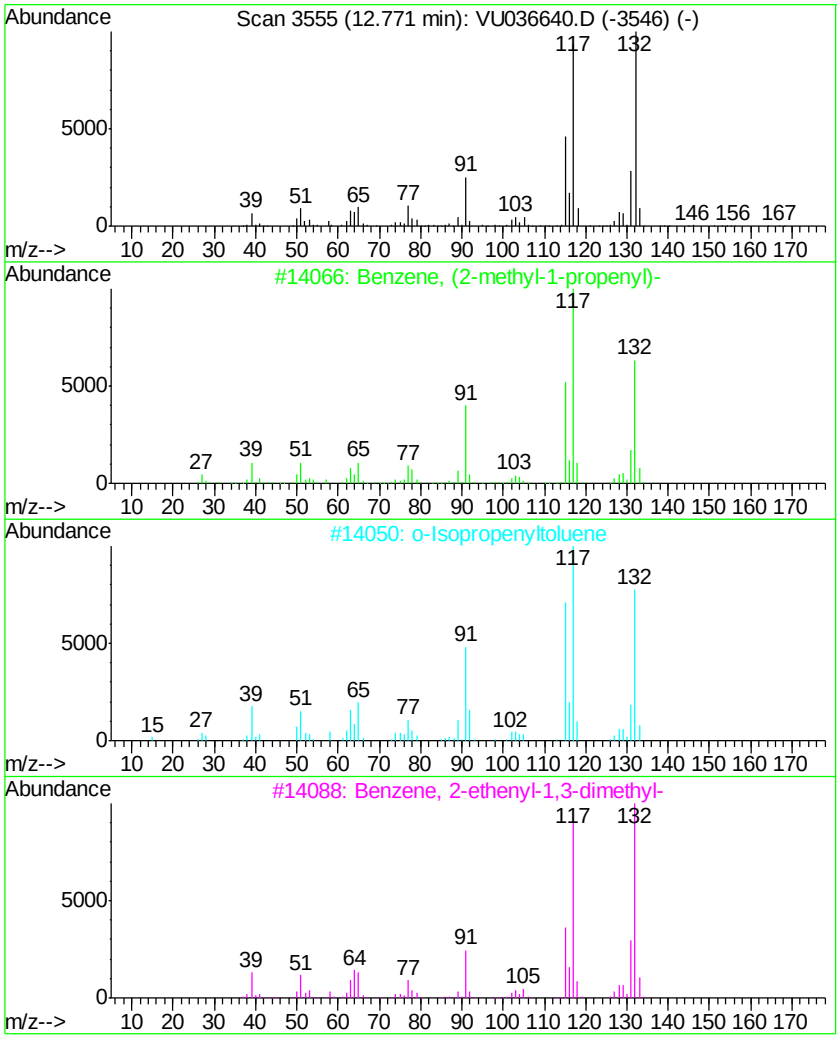
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

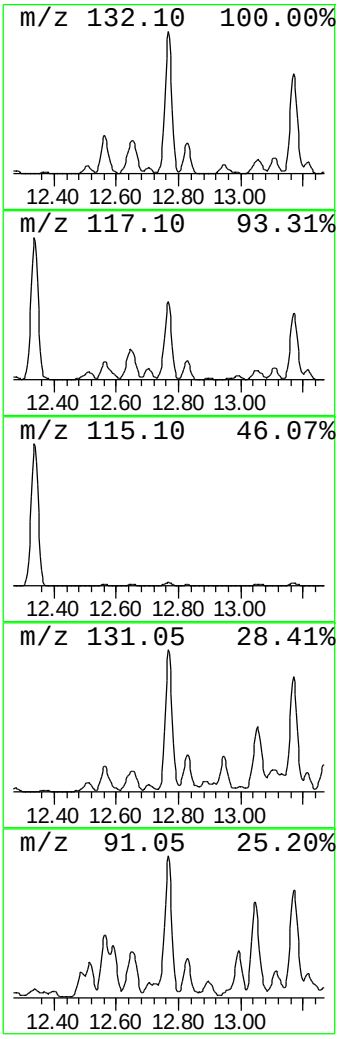
****

Peak Number 18 Benzene, (2-methyl-1-propen... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	43.25 ug/L	796030	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	o-Isopropenyltoluene	132	C10H12	007399-49-7	94
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94





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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

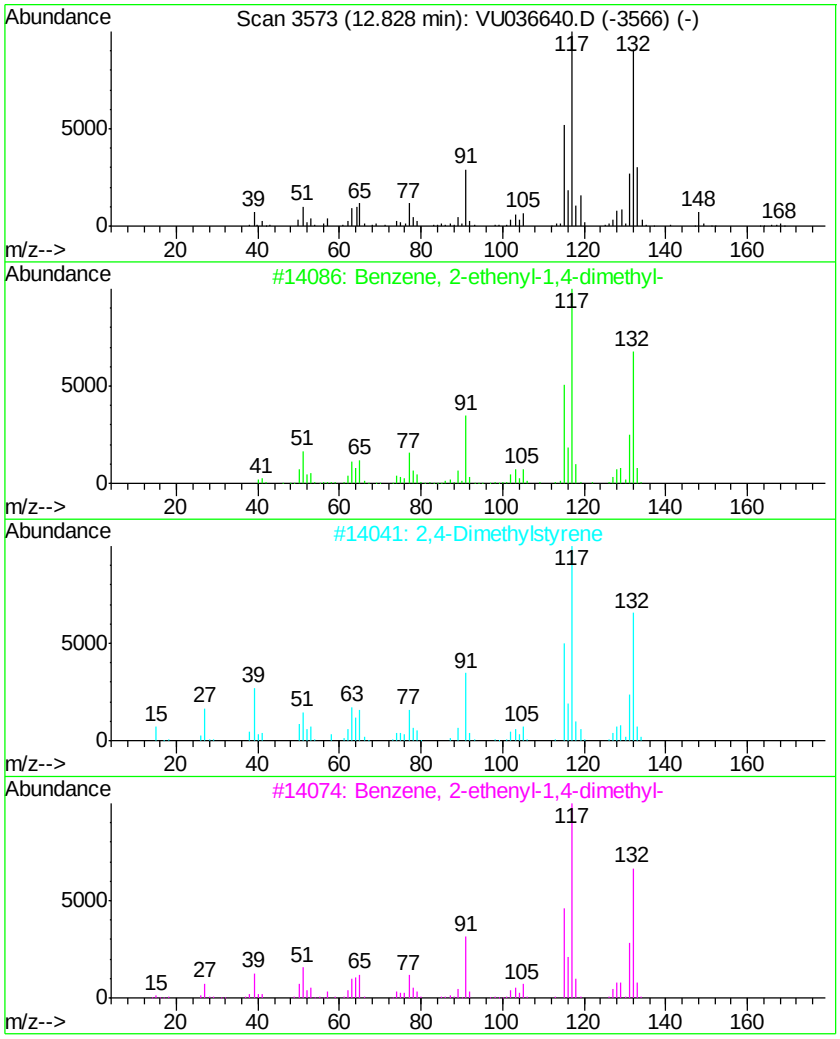
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

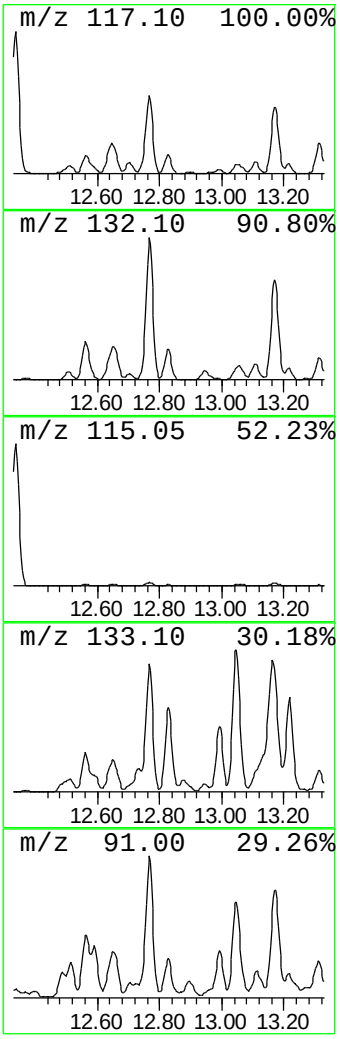
****

Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	9.71 ug/L	178662	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	95
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93





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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

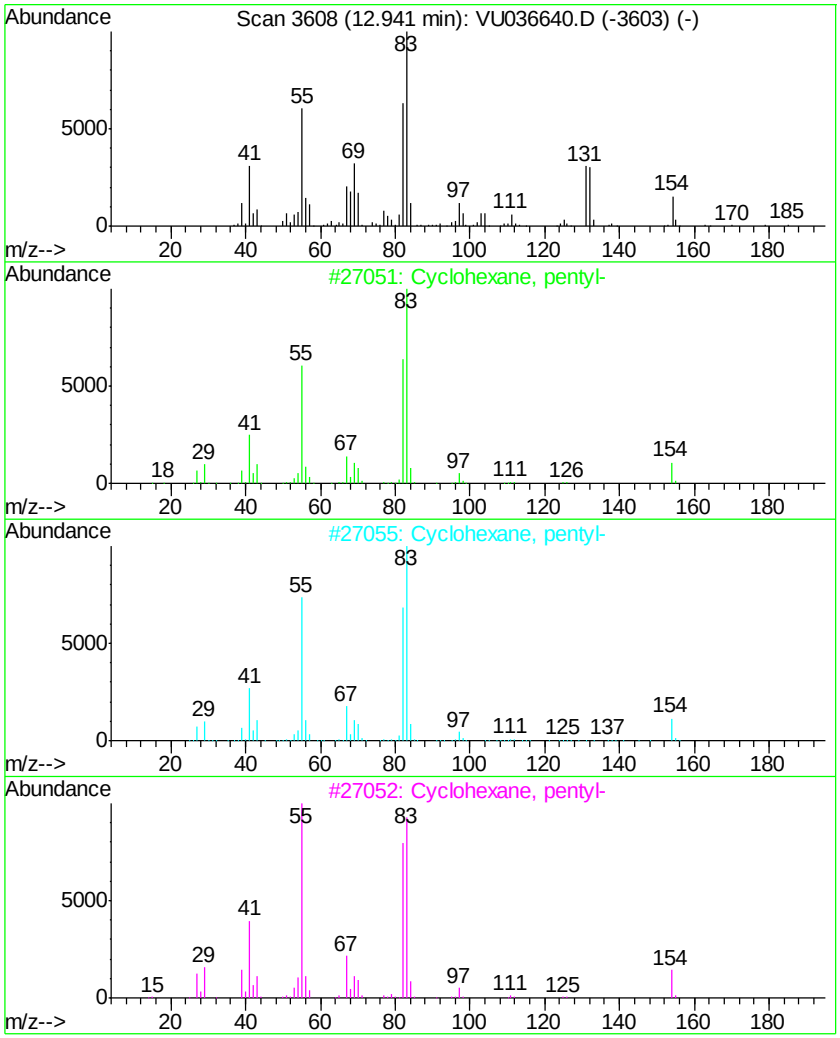
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

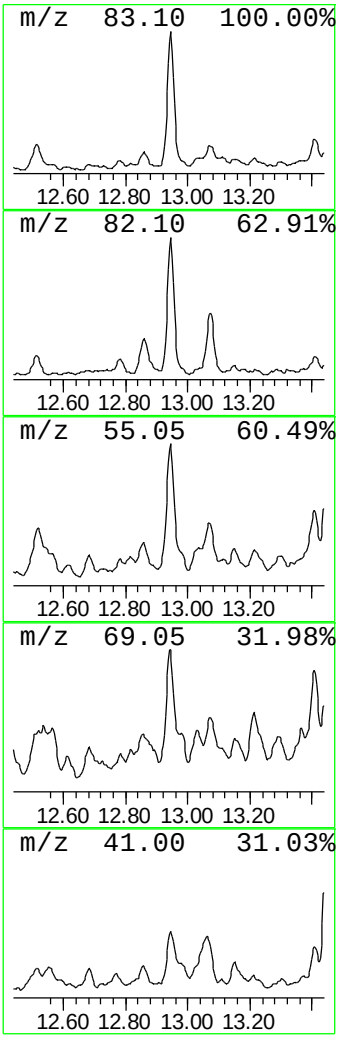
****

Peak Number 20 (DEL) Alkane: Cyclic12.94 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	10.16 ug/L	186963	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	76
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	53





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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

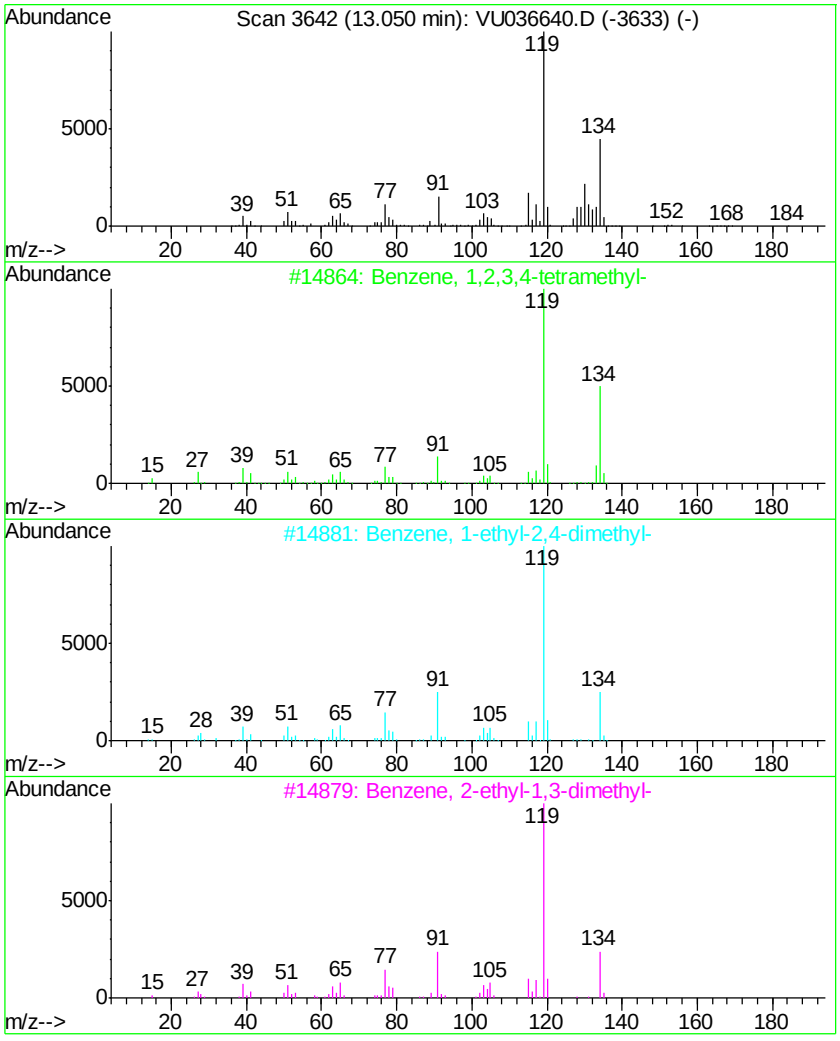
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

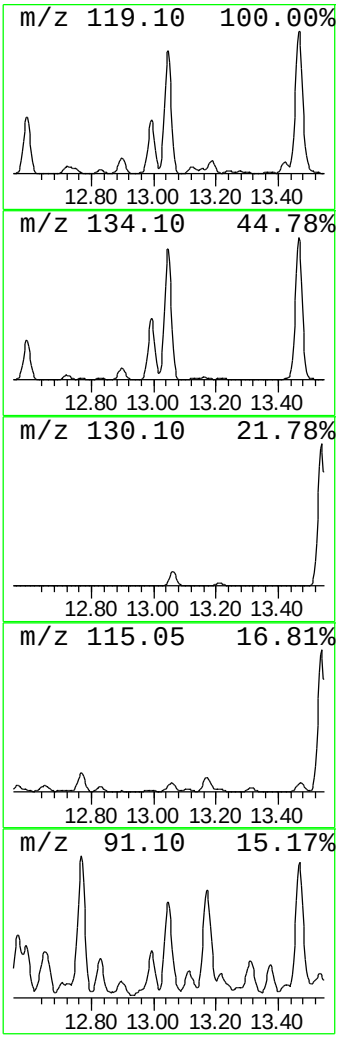
****

Peak Number 21 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	49.34 ug/L	907978	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76





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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

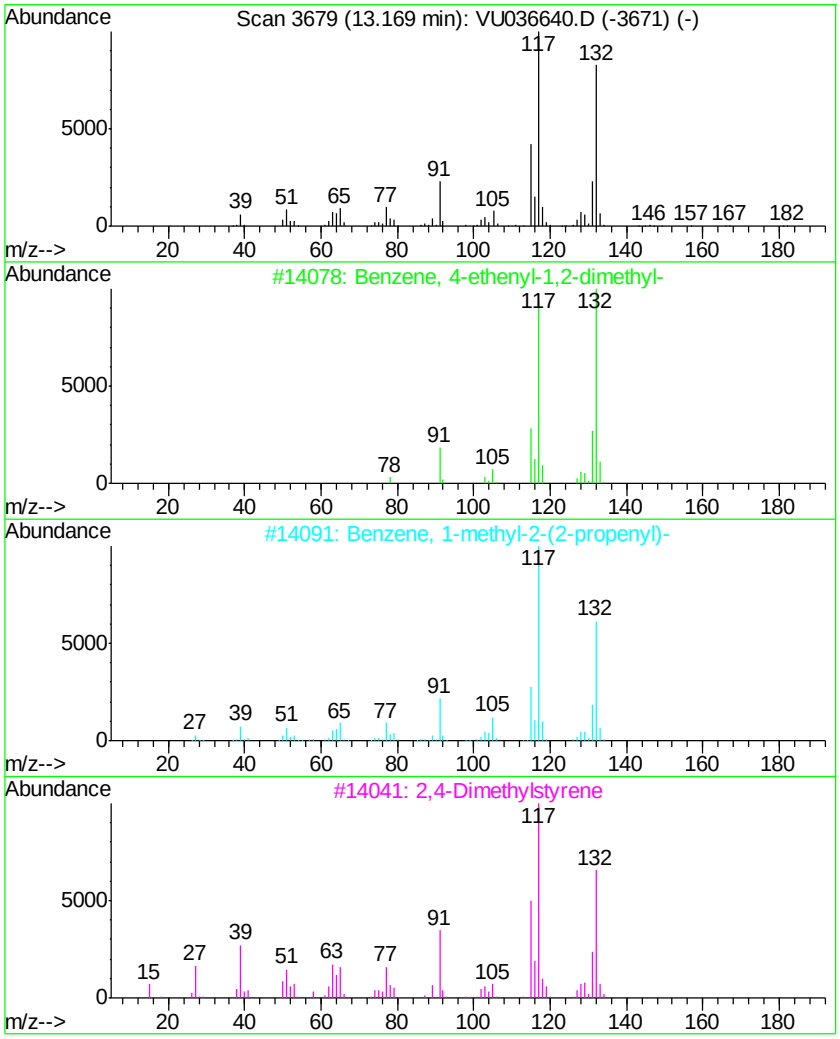
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

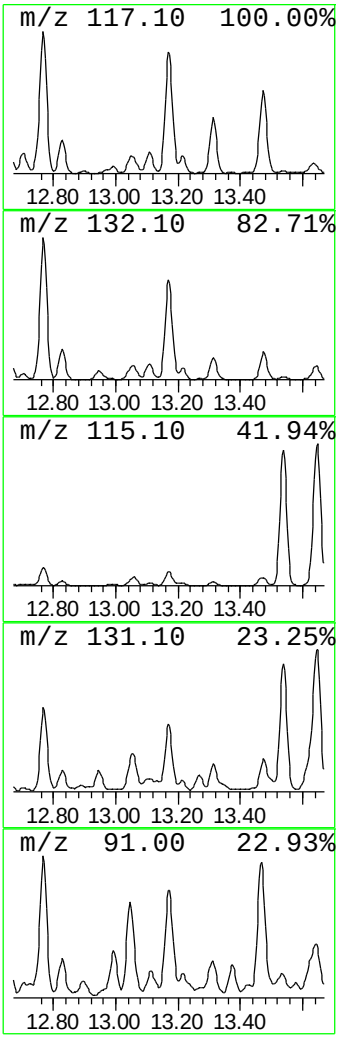
****

Peak Number 22 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	30.69 ug/L	564749	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	95
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

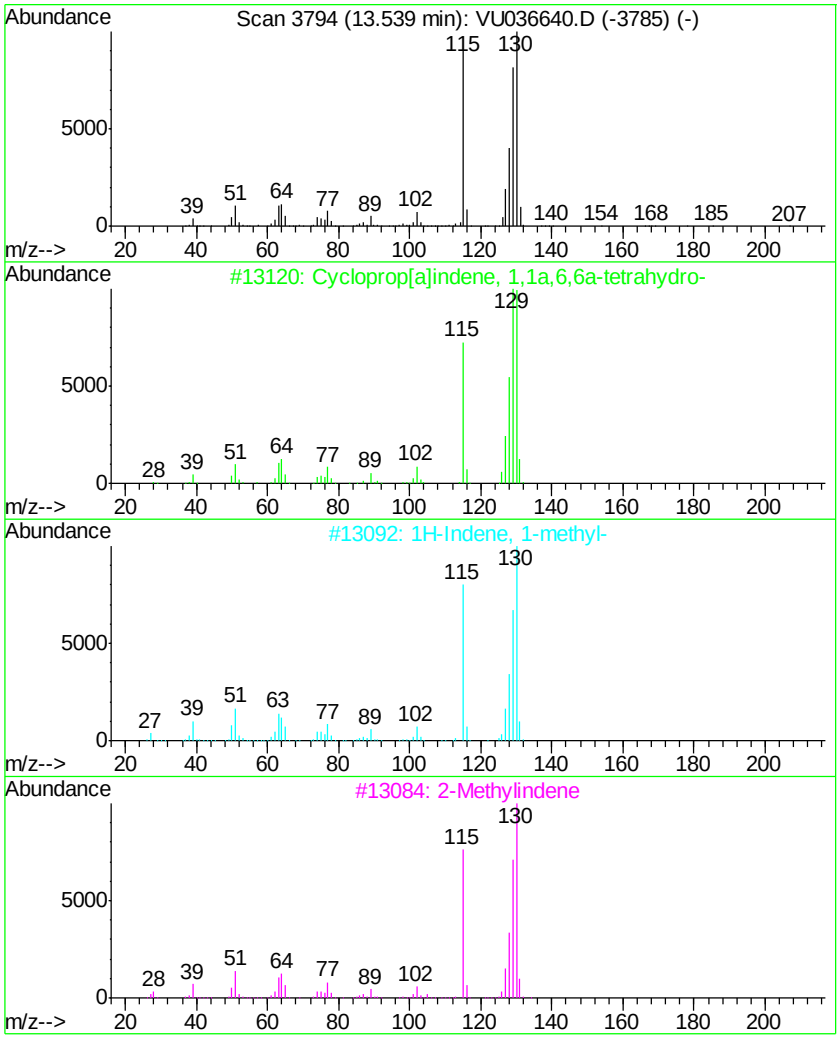
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

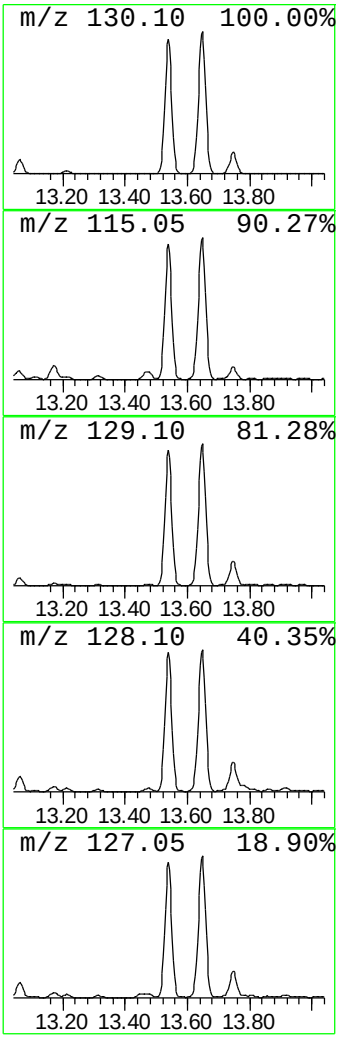
****

Peak Number 24 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	163.67 ug/L	3012270	1,4-Dichlorobenzene-d4	11.84

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





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Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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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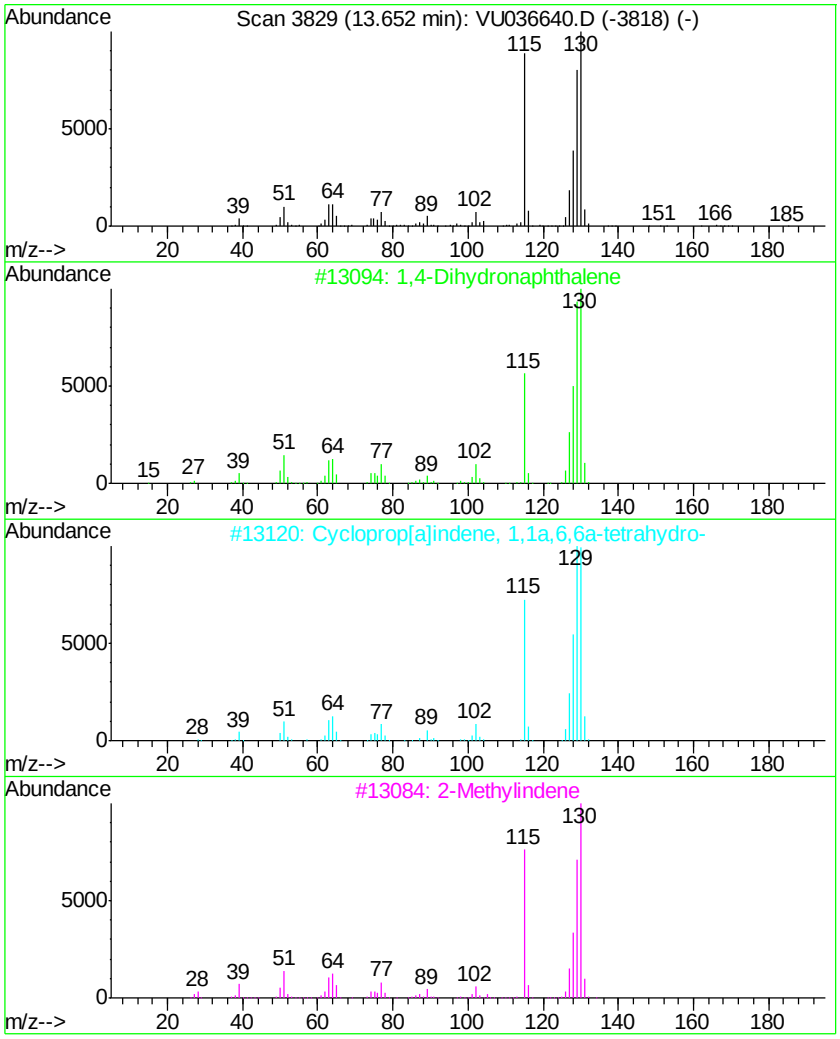
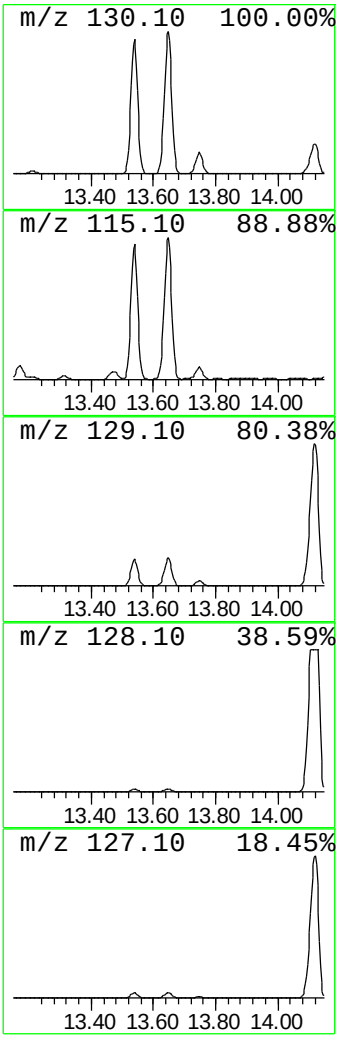
Peak Number 25 1,4-Dihydronaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	200.35 ug/L	3687360	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3	2-Methylindene	130	C10H10	002177-47-1	94
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

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

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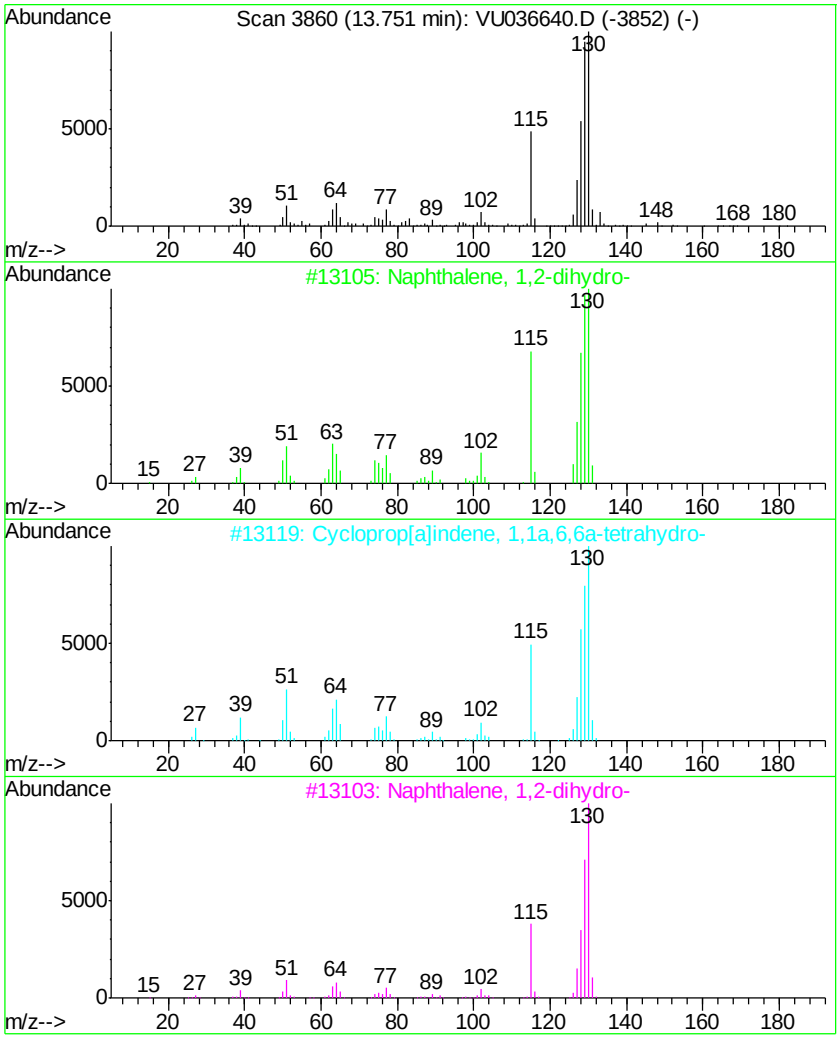
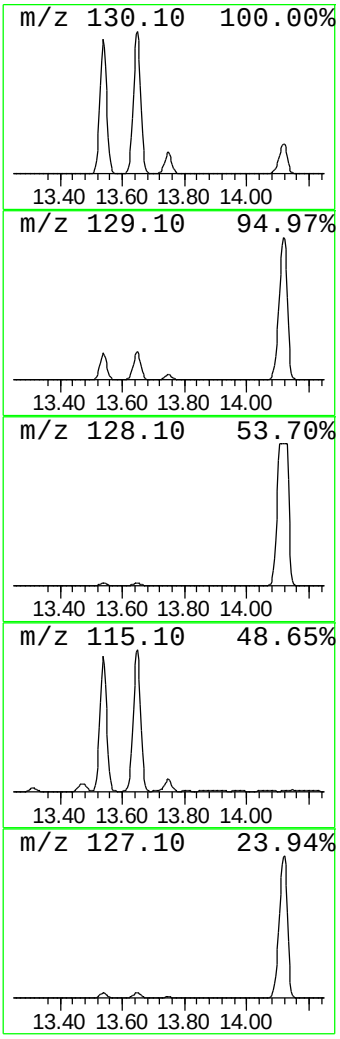
Peak Number 26 Naphthalene, 1,2-dihydro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	26.97 ug/L	496444	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	93
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	90
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	76
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	72
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	68





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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

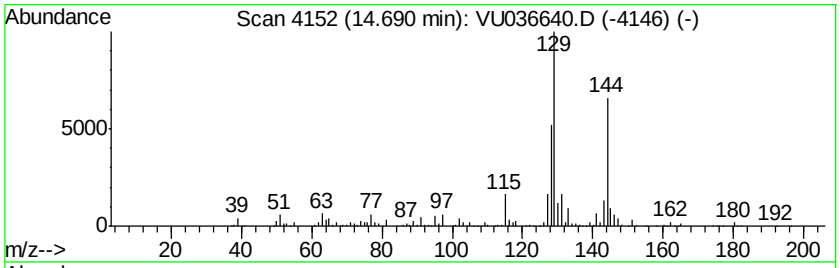
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

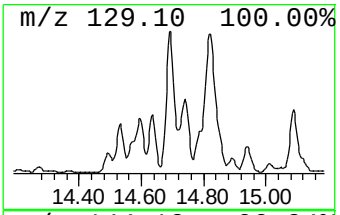
****

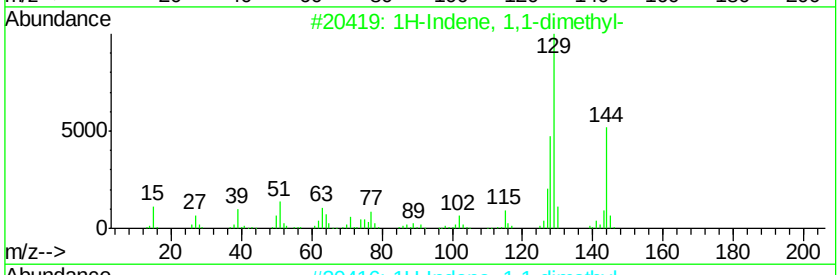
Peak Number 28 1H-Indene, 1,1-dimethyl- Concentration Rank 27

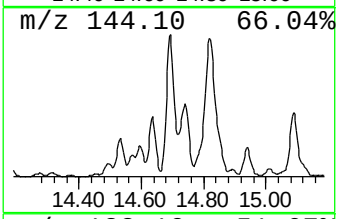
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	22.24 ug/L	409354	1,4-Dichlorobenzene-d4	11.84

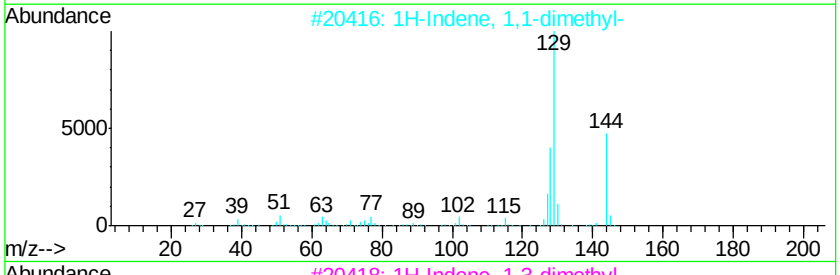
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	87
4	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	87
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	83

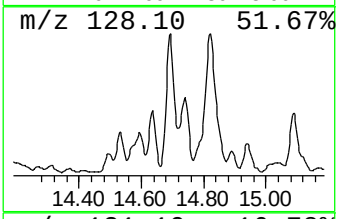


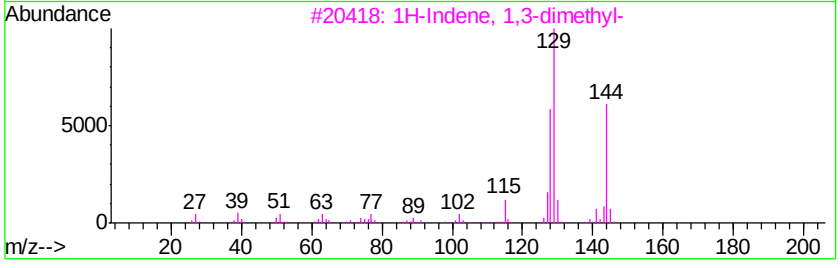


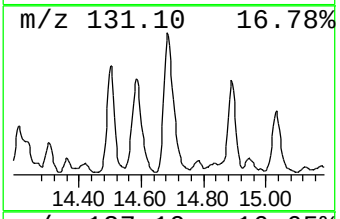


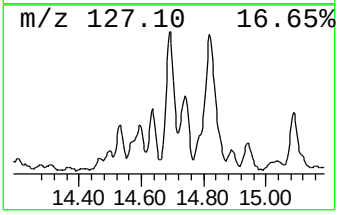












Library Search Compound Report

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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

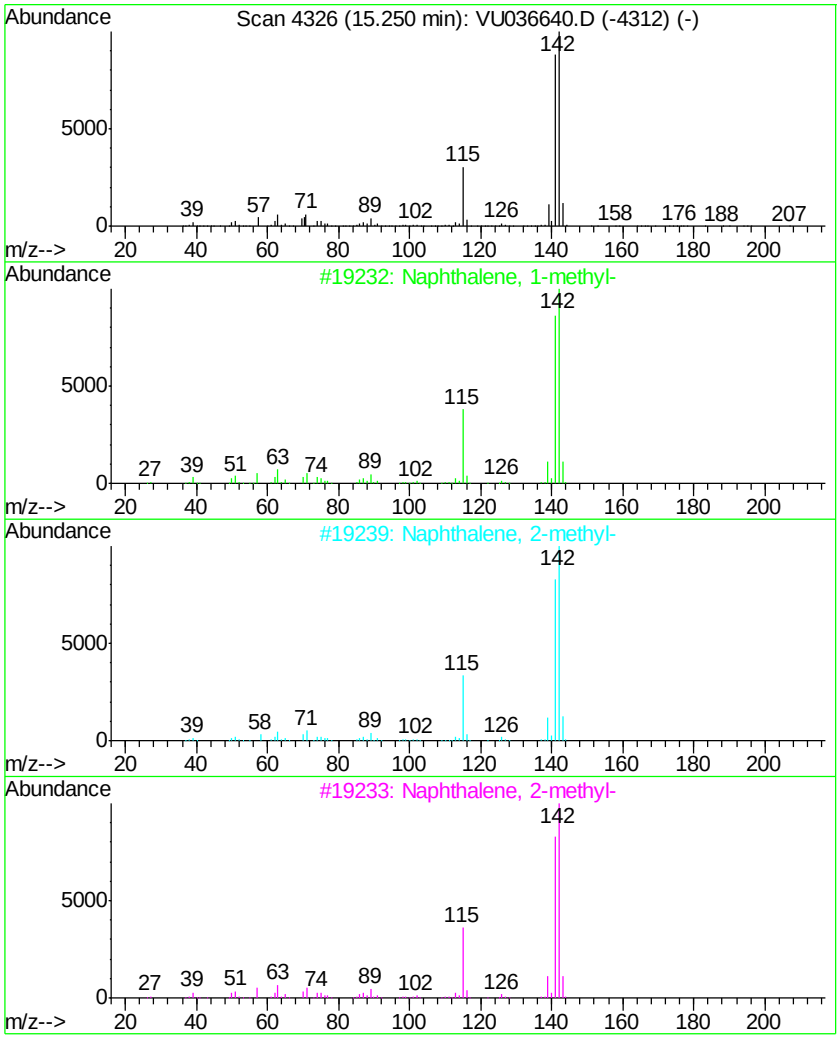
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

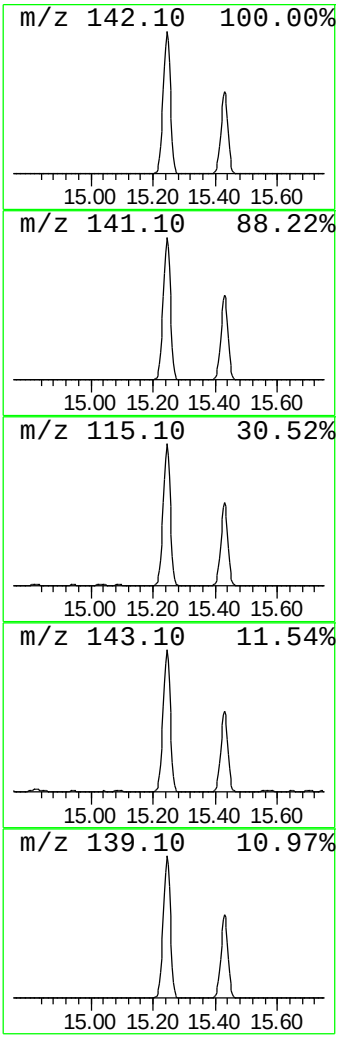
****

Peak Number 29 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	1628.78 ug/L	29976400	1,4-Dichlorobenzene-d4	11.84

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





Library Search Compound Report

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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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

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

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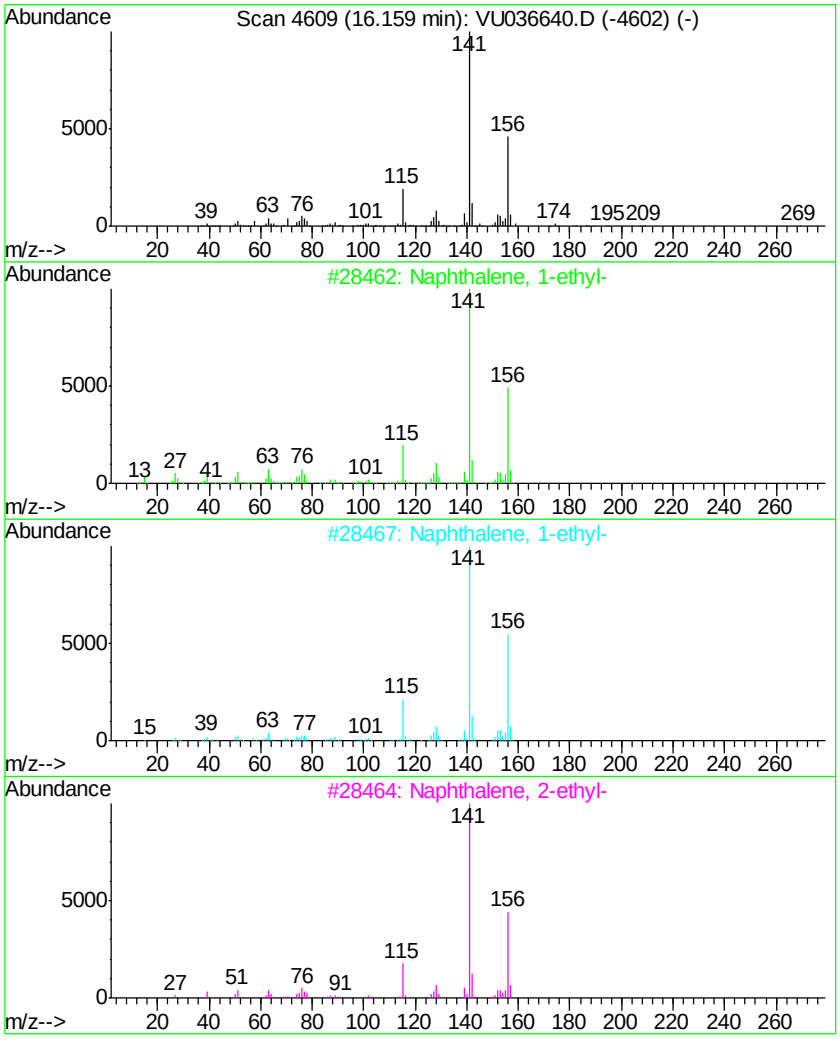
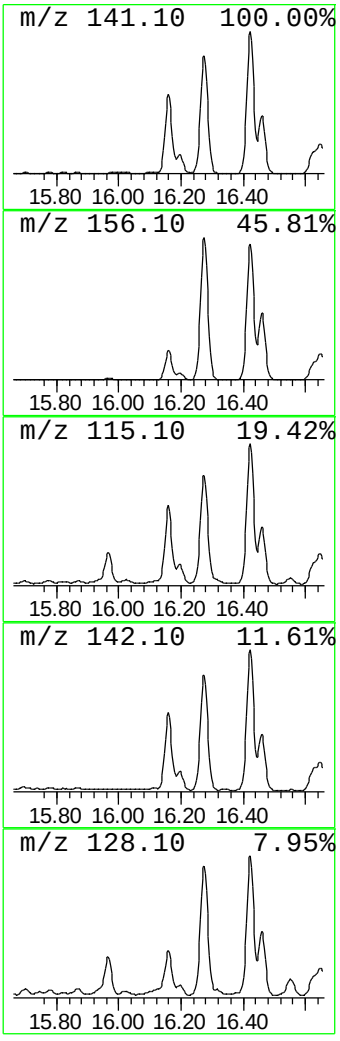
Peak Number 32 Naphthalene, 1-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	38.44 ug/L	707520	1,4-Dichlorobenzene-d4	11.84

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





Library Search Compound Report

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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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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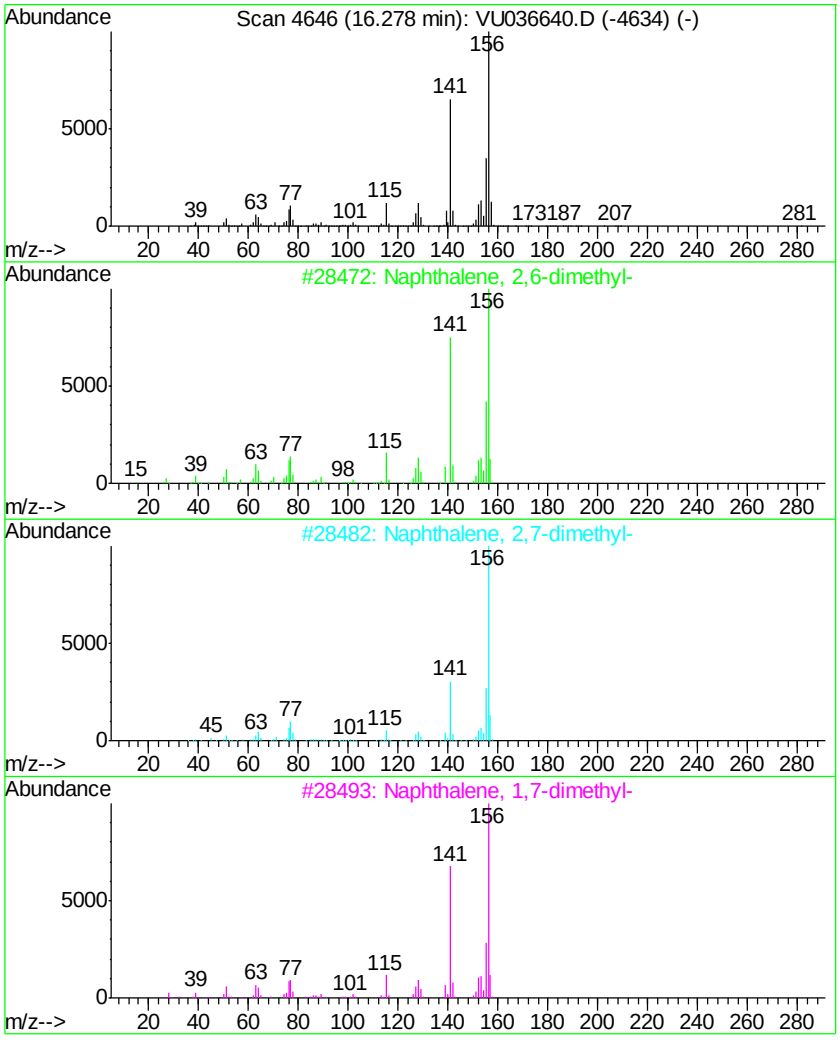
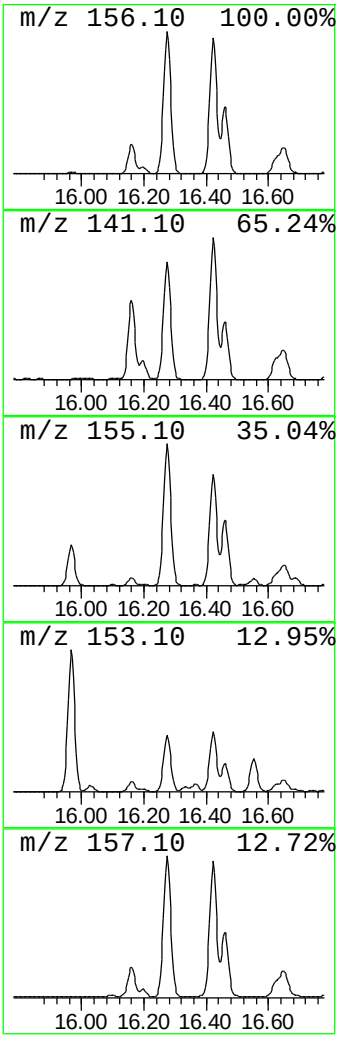
Peak Number 33 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	166.44 ug/L	3063190	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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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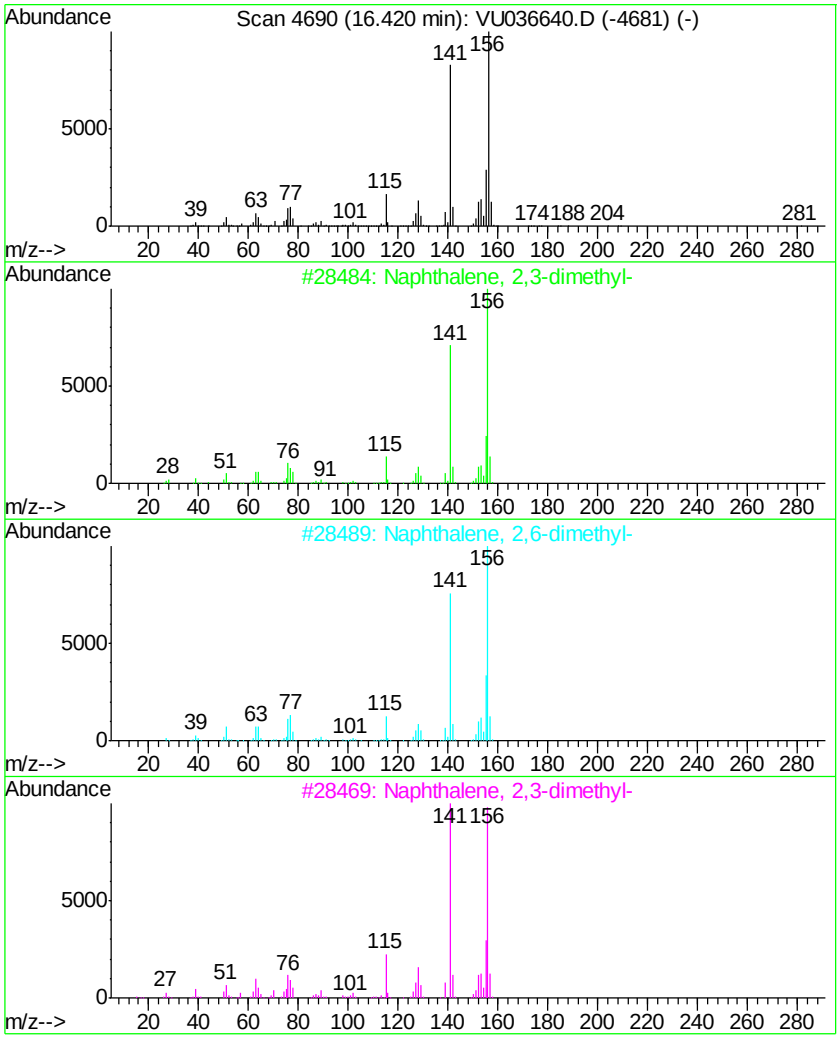
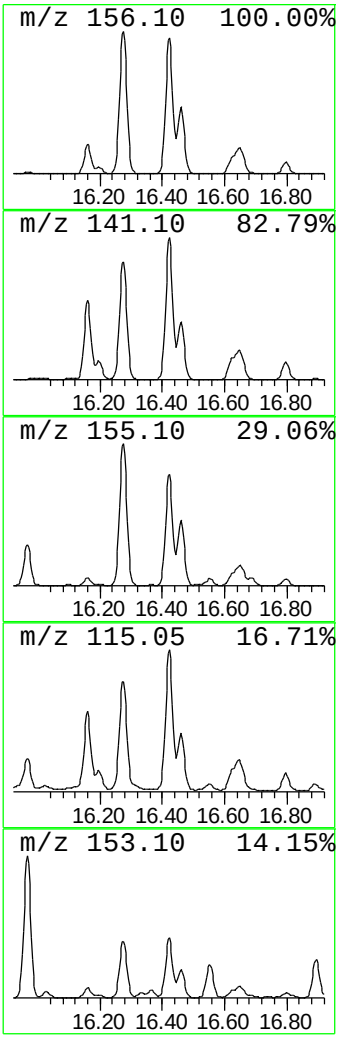
Peak Number 34 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	149.82 ug/L	2757390	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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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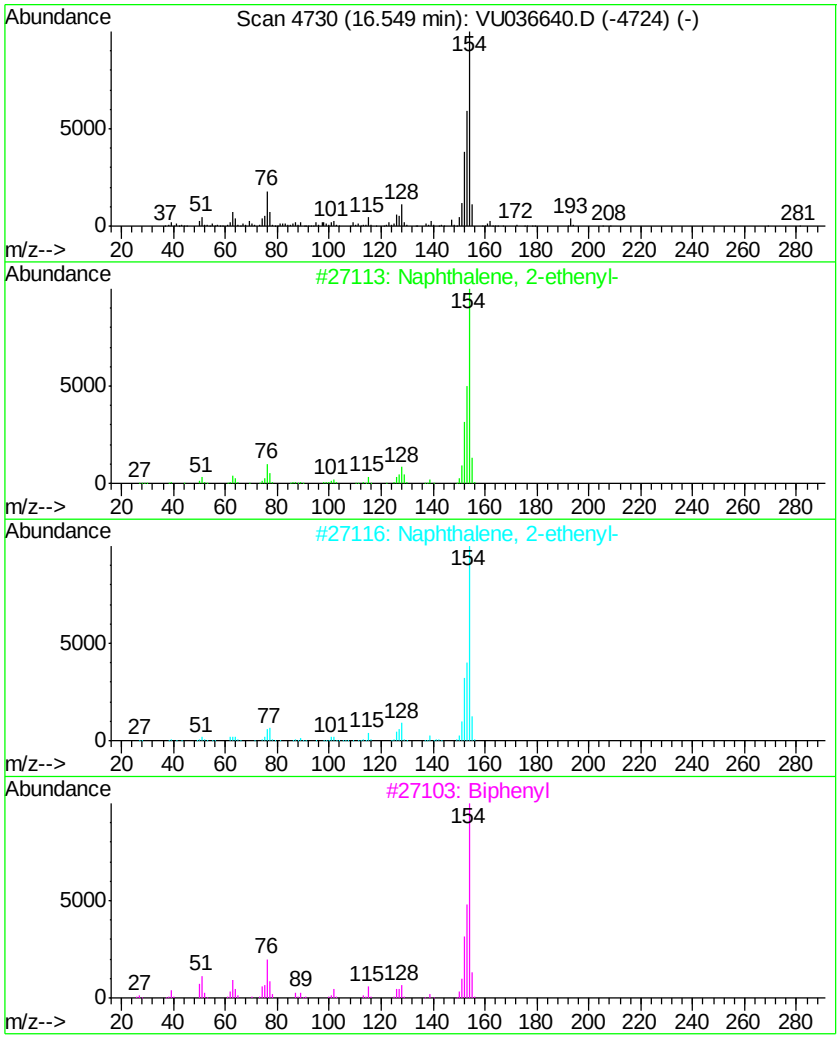
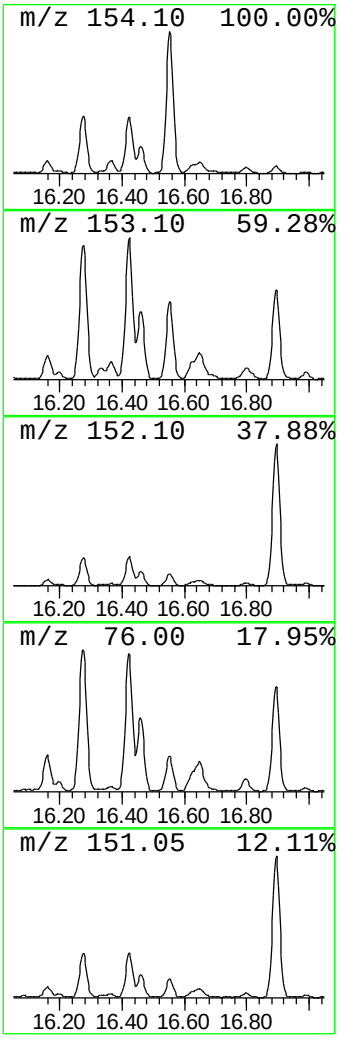
Peak Number 35 Naphthalene, 2-ethenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	20.74 ug/L	381723	1,4-Dichlorobenzene-d4	11.84

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	91
3	Biphenyl	154	C12H10	000092-52-4	90
4	Acenaphthene	154	C12H10	000083-32-9	70
5	Biphenyl	154	C12H10	000092-52-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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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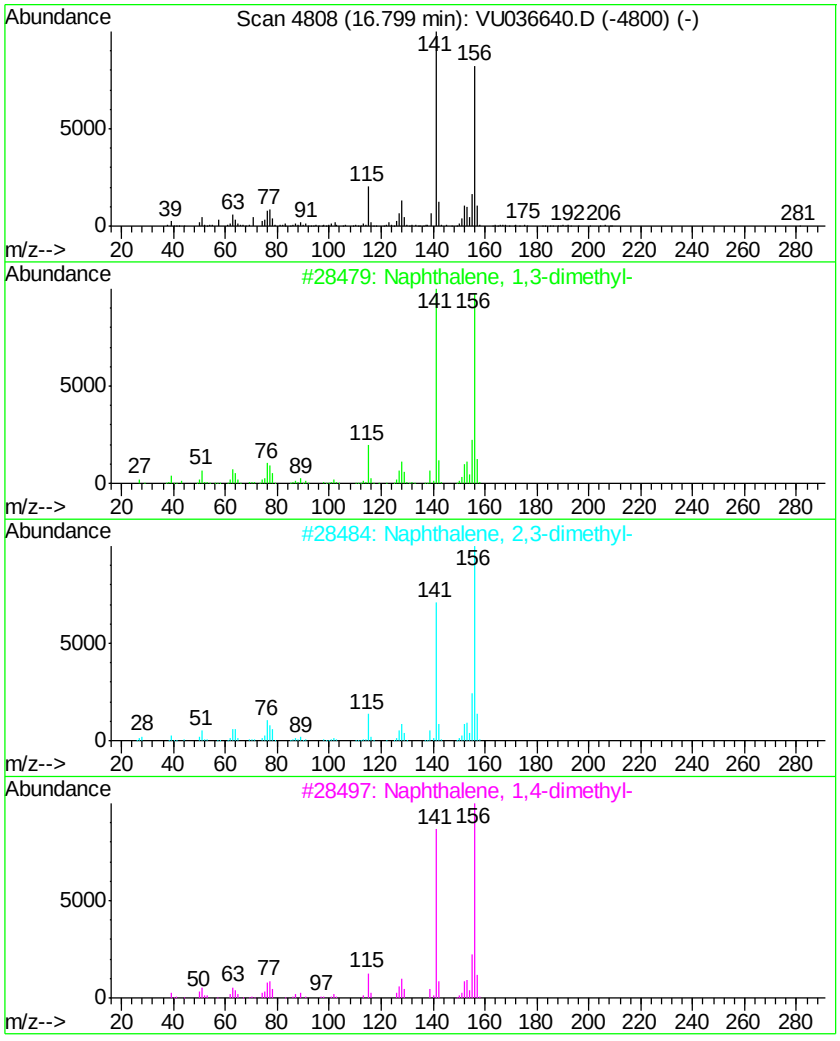
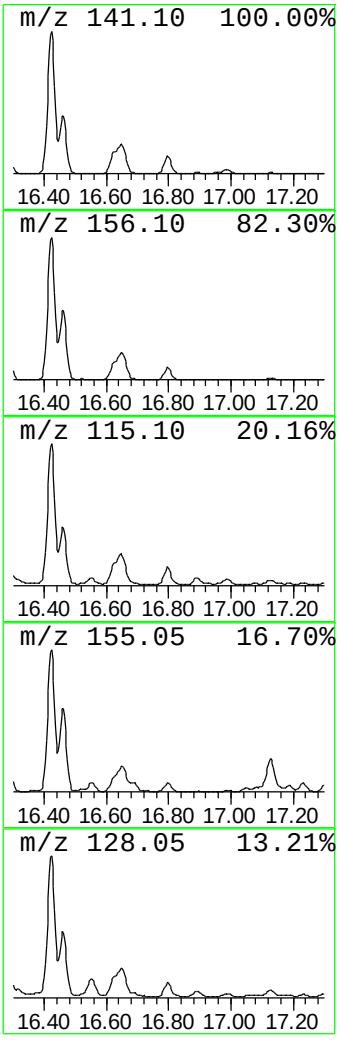
Peak Number 37 Naphthalene, 1,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	16.51 ug/L	303909	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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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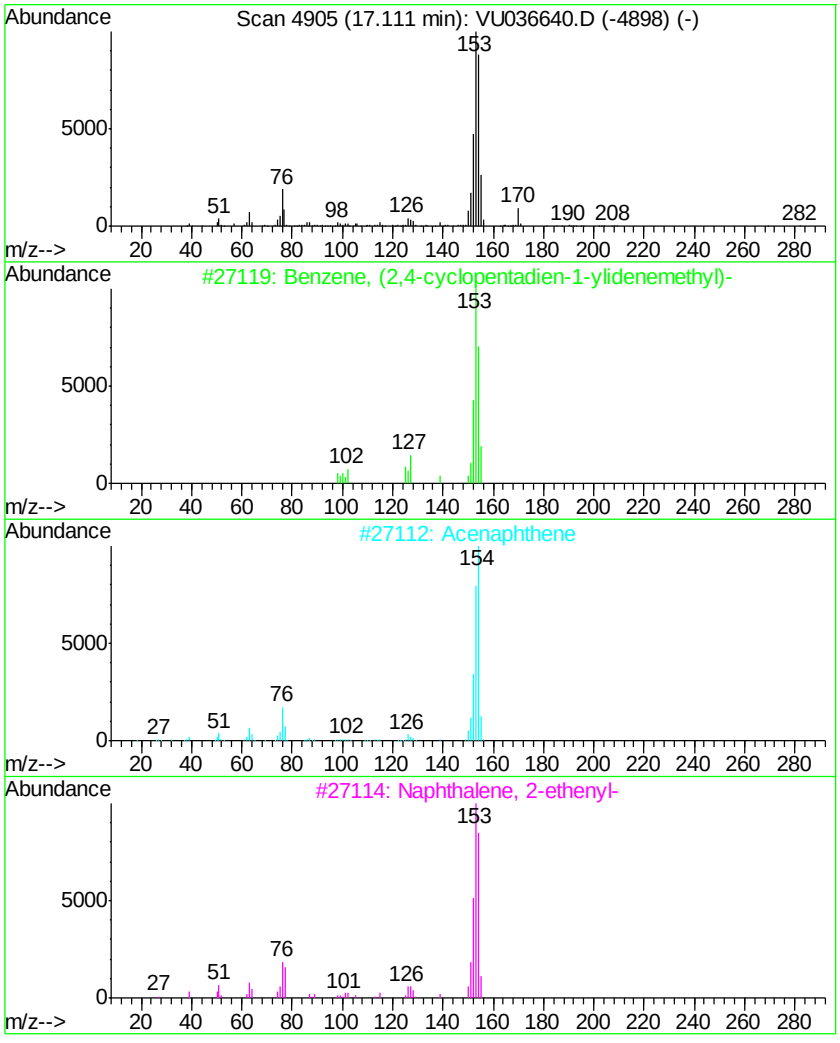
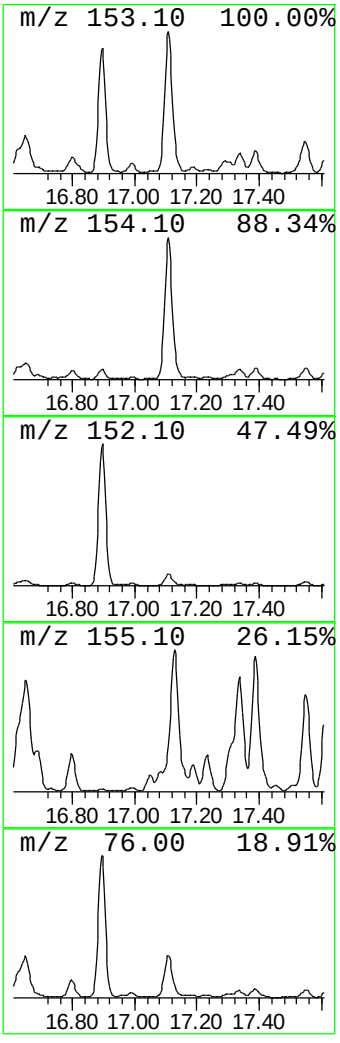
Peak Number 39 Benzene, (2,4-cyclopentadie... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	18.42 ug/L	338984	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2,4-cyclopentadien-1-y...	154	C12H10	007338-50-3	68
2	Acenaphthene	154	C12H10	000083-32-9	60
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58
4	Acenaphthene	154	C12H10	000083-32-9	53
5	Acenaphthene	154	C12H10	000083-32-9	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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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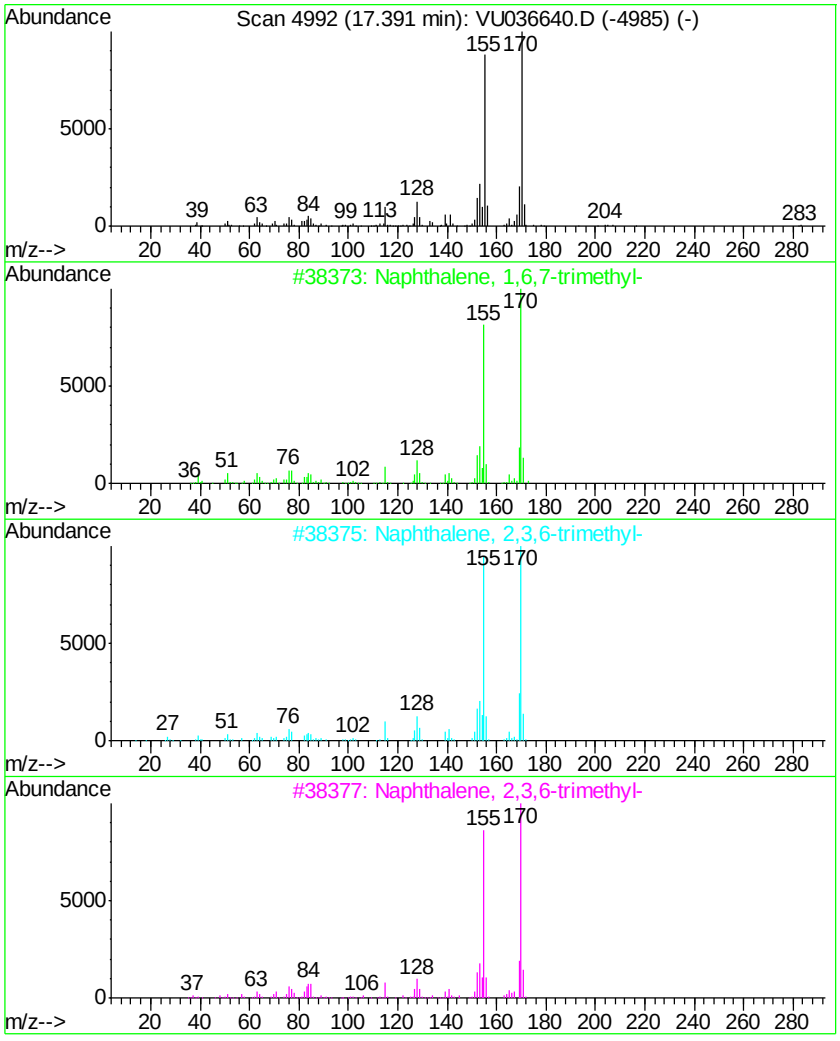
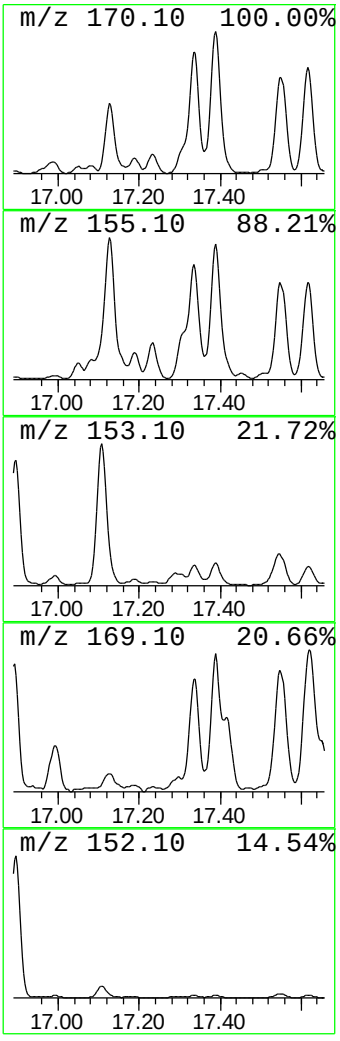
Peak Number 40 Naphthalene, 1,6,7-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	7.74 ug/L	142497	1,4-Dichlorobenzene-d4	11.84

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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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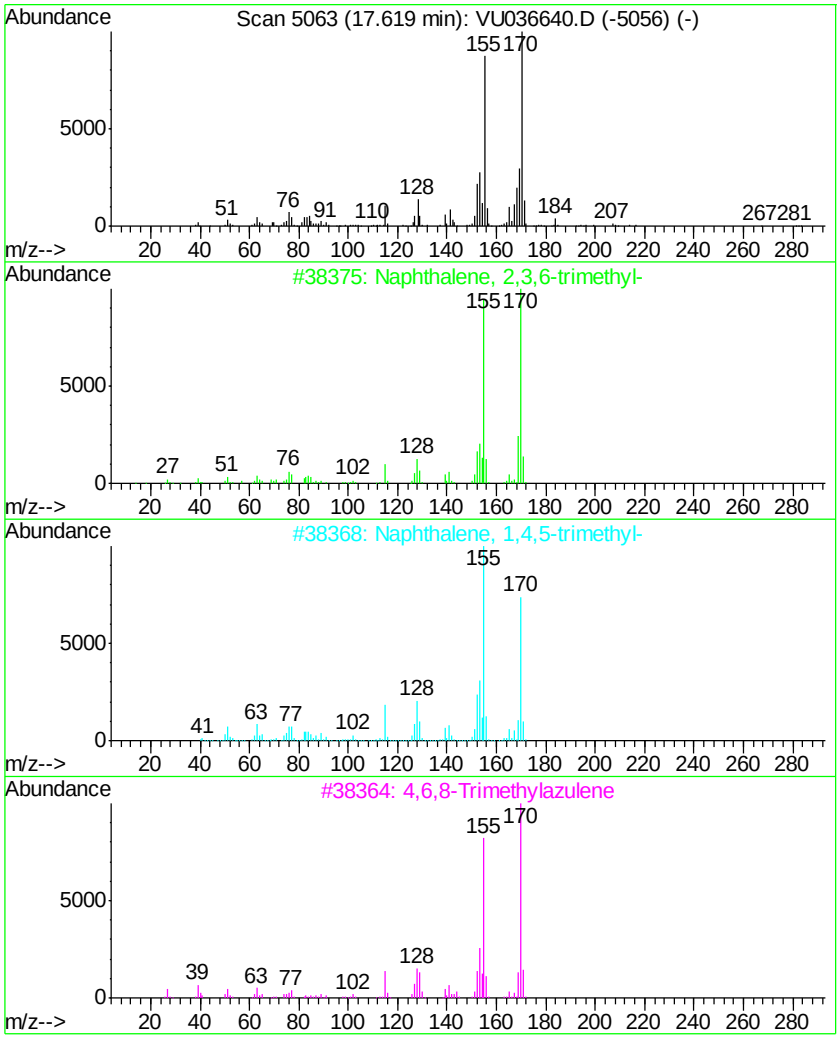
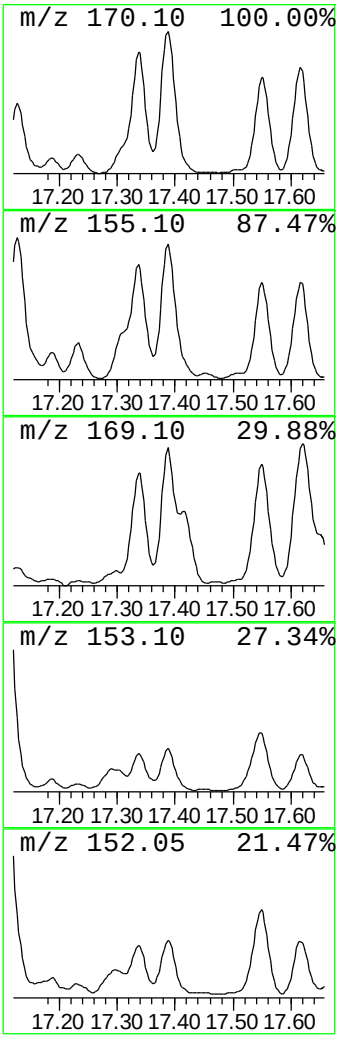
Peak Number 41 Naphthalene, 2,3,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	8.05 ug/L	148160	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036640.D
Acq On : 31 Jan 2020 00:36
Operator : JC/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT66

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
Sulfurous acid, 2...	10.27	3.4	ug/L	53439	2	9.45	796413	50.0
Benzene, propyl-	10.93	5.5	ug/L	100986	3	11.84	920213	50.0
Benzene, 1-ethyl-...	11.02	43.0	ug/L	790431	3	11.84	920213	50.0
Benzene, 1,2,3-tr...	11.11	54.5	ug/L	1003640	3	11.84	920213	50.0
.alpha.-Methylsty...	11.34	27.9	ug/L	513042	3	11.84	920213	50.0
(DEL) Alkane: Str...	11.44	3.8	ug/L	70148	3	11.84	920213	50.0
Benzene, 1-etheny...	11.56	140.4	ug/L	2583960	3	11.84	920213	50.0
Benzene, 1-etheny...	11.61	45.4	ug/L	835412	3	11.84	920213	50.0
Benzene, 1-propenyl-	11.97	32.9	ug/L	605307	3	11.84	920213	50.0
Indane	12.12	33.9	ug/L	623398	3	11.84	920213	50.0
Indene	12.34	583.6	ug/L	10740600	3	11.84	920213	50.0
Benzene, 2-ethyl-...	12.49	6.2	ug/L	113358	3	11.84	920213	50.0
Benzene, 1-methyl...	12.56	10.0	ug/L	183997	3	11.84	920213	50.0
Benzene, (2-methy...	12.77	43.3	ug/L	796030	3	11.84	920213	50.0
Benzene, 2-etheny...	12.83	9.7	ug/L	178662	3	11.84	920213	50.0
(DEL) Alkane: Cyc...	12.94	10.2	ug/L	186963	3	11.84	920213	50.0
Benzene, 1,2,3,4-...	13.05	49.3	ug/L	907978	3	11.84	920213	50.0
Benzene, 4-etheny...	13.17	30.7	ug/L	564749	3	11.84	920213	50.0
Cycloprop[a]inden...	13.54	163.7	ug/L	3012270	3	11.84	920213	50.0
1,4-Dihydronaphth...	13.65	200.3	ug/L	3687360	3	11.84	920213	50.0
Naphthalene, 1,2-...	13.75	27.0	ug/L	496444	3	11.84	920213	50.0
1H-Indene, 1,1-di...	14.69	22.2	ug/L	409354	3	11.84	920213	50.0
Naphthalene, 1-me...	15.25	1628.8	ug/L	29976400	3	11.84	920213	50.0
Naphthalene, 1-et...	16.16	38.4	ug/L	707520	3	11.84	920213	50.0
Naphthalene, 2,6-...	16.28	166.4	ug/L	3063190	3	11.84	920213	50.0
Naphthalene, 2,3-...	16.42	149.8	ug/L	2757390	3	11.84	920213	50.0
Naphthalene, 2-et...	16.55	20.7	ug/L	381723	3	11.84	920213	50.0
Naphthalene, 1,3-...	16.80	16.5	ug/L	303909	3	11.84	920213	50.0
Benzene, (2,4-cyc...	17.11	18.4	ug/L	338984	3	11.84	920213	50.0
Naphthalene, 1,6,...	17.39	7.7	ug/L	142497	3	11.84	920213	50.0
Naphthalene, 2,3,...	17.62	8.1	ug/L	148160	3	11.84	920213	50.0