LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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	1.613	78	85	98	rVB	155010	161896	0.65%	0.166%
2	1.925	174	182	196	rVB	120957	157645	0.63%	0.162%
3	2.591	376	389	405	rBV	228814	379107	1.51%	0.388%
4	2.723	424	430	433	rBV3	350	379	0.00%	0.000%
5	2.826	456	462	465	rBV	287	270	0.00%	0.000%
6	2.896	478	484	488	rVB3	498	419	0.00%	0.000%
7	3.073	532	539	541	rBV4	1431	1453	0.01%	0.001%
8	3.231	575	588	602	rBV	3793	8542	0.03%	0.009%
9	3.623	708	710	719	rVB2	202	174	0.00%	0.000%
10	4.678	1023	1038	1060	rBV	103118	242732	0.97%	0.249%
11	4.941	1117	1120	1126	rVB	234	252	0.00%	0.000%
12	5.108	1154	1172	1190	rBV	183770	398011	1.59%	0.408%
13	5.327	1236	1240	1242	rBV	323	281	0.00%	0.000%
14	5.417	1263	1268	1273	rBV2	485	546	0.00%	0.001%
15	5.768	1354	1377	1400	rBV2	419101	1081214	4.32%	1.108%
16	5.973	1438	1441	1446	rBV2	227	156	0.00%	0.000%
17	6.079	1469	1474	1479	rVB2	181	198	0.00%	0.000%
18	6.153	1491	1497	1502	rVB	207	293	0.00%	0.000%
19	6.288	1523	1539	1556	rBV	362044	671113	2.68%	0.688%
20	6.530	1611	1614	1617	rBV2	188	155	0.00%	0.000%
21	6.562	1617	1624	1633	rVV2	2476	3768	0.02%	0.004%
22	6.729	1661	1676	1697	rBV	243108	469681	1.87%	0.481%
23	6.845	1707	1712	1718	rVB3	914	1090	0.00%	0.001%
24	6.877	1718	1722	1725	rBV2	317	301	0.00%	0.000%
25	7.214	1819	1827	1835	rBV3	1856	2701	0.01%	0.003%
26	7.597	1932	1946	1962	rBV	145979	252242	1.01%	0.258%
27	7.700	1975	1978	1979	rVV	451	233	0.00%	0.000%
28	7.716	1979	1983	1991	rVB4	1393	1723	0.01%	0.002%
29	7.928	2034	2049	2064	rBV	561259	958519	3.83%	0.982%
30	7.999	2064	2071	2082	rVB	15632	25839	0.10%	0.026%
31	8.211	2121	2137	2154	rBV	101553	166981	0.67%	0.171%
32	8.311	2163	2168	2169	rBV2	233	228	0.00%	0.000%
33	8.359	2180	2183	2186	rBV	285	154	0.00%	0.000%
34	8.665	2266	2278	2309	rBV	344189	595070	2.37%	0.610%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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	8.944	2361	2365	2367	rBV3	257	204	0.00%	0.000%
36	9.443	2507	2520	2536	rBV	494199	810082	3.23%	0.830%
37	9.594	2557	2567	2583	rVB	28199	43726	0.17%	0.045%
38	9.716	2592	2605	2620	rBV	303343	484852	1.94%	0.497%
39	9.883	2653	2657	2663	rBV4	520	541	0.00%	0.001%
40	9.967	2676	2683	2690	rVB2	752	1107	0.00%	0.001%
41	10.079	2711	2718	2720	rBV3	533	609	0.00%	0.001%
42	10.128	2720	2733	2755	rVB4	397638	736822	2.94%	0.755%
43	10.359	2800	2805	2814	rVB3	613	598	0.00%	0.001%
44	10.507	2841	2851	2861	rVB3	4960	6739	0.03%	0.007%
45	10.645	2889	2894	2900	rBV3	470	590	0.00%	0.001%
46	10.780	2922	2936	2949	rBV	360088	573422	2.29%	0.588%
47	10.851	2949	2958	2971	rVB	35849	54025	0.22%	0.055%
48	10.928	2971	2982	2993	rBV	53626	80986	0.32%	0.083%
49	11.018	2997	3010	3026	rBV	340469	708856	2.83%	0.726%
50	11.108	3029	3038	3055	rVB	494697	786185	3.14%	0.806%
51	11.214	3069	3071	3072	rBV	465	229	0.00%	0.000%
52	11.314	3090	3102	3121	rBV3	133698	335143	1.34%	0.343%
53	11.488	3132	3156	3167	rBV	1614857	2527766	10.09%	2.590%
54	11.558	3167	3178	3186	rVV	1431396	2174964	8.68%	2.229%
55	11.607	3186	3193	3205	rVB	429114	640367	2.56%	0.656%
56	11.661	3206	3210	3223	rVB8	15582	23966	0.10%	0.025%
57	11.735	3226	3233	3234	rBV3	7992	8918	0.04%	0.009%
58	11.832	3251	3263	3274	rBV	550304	878670	3.51%	0.900%
59	11.915	3279	3289	3298	rVV	479392	749319	2.99%	0.768%
60	11.967	3298	3305	3315	rVV	149020	221498	0.88%	0.227%
61	12.018	3318	3321	3329	rVB5	6395	7418	0.03%	0.008%
62	12.115	3338	3351	3358	rBV2	246136	450491	1.80%	0.462%
63	12.211	3369	3381	3394	rBV2	721428	1199522	4.79%	1.229%
64	12.333	3408	3419	3433	rVB	1803222	2972198	11.86%	3.045%
65	12.398	3434	3439	3454	rVB2	29304	48043	0.19%	0.049%
66	12.484	3456	3466	3469	rBV	81860	112891	0.45%	0.116%
67	12.558	3482	3489	3493	rBV	104390	143915	0.57%	0.147%
68	12.642	3506	3515	3526	rBV	143620	258218	1.03%	0.265%
69	12.764	3545	3553	3564	rVB	489895	767476	3.06%	0.786%
70	12.825	3564	3572	3586	rVB	122737	182892	0.73%	0.187%
71	12.893	3589	3593	3601	rVB	28142	36748	0.15%	0.038%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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	12.944	3603	3609	3615	rBV5	33585	53204	0.21%	0.055%
73	12.989	3616	3623	3631	rVB	146423	203194	0.81%	0.208%
74	13.047	3631	3641	3653	rBV3	325802	641104	2.56%	0.657%
75	13.166	3669	3678	3688	rBV	325341	527263	2.10%	0.540%
76	13.311	3715	3723	3734	rVB3	101370	164504	0.66%	0.169%
77	13.465	3758	3771	3783	rVV4	337416	863246	3.45%	0.885%
78	13.536	3784	3793	3804	rVB	812063	1195500	4.77%	1.225%
79	13.645	3817	3827	3839	rVB	1377335	2274674	9.08%	2.331%
80	13.745	3853	3858	3869	rVB2	110660	161570	0.64%	0.166%
81	14.105	3958	3970	3990	rVB	11015969	17699518	70.64%	18.136%
82	14.462	4075	4081	4088	rBV	115314	150162	0.60%	0.154%
83	14.690	4144	4152	4161	rBV3	148897	243673	0.97%	0.250%
84	14.941	4224	4230	4246	rVB2	64628	109746	0.44%	0.112%
85	15.185	4299	4306	4311	rBV	93467	134944	0.54%	0.138%
86	15.243	4311	4324	4350	rVB	15433363	25055872	100.00%	25.673%
87	15.426	4368	4381	4403	rVB	7420442	12010846	47.94%	12.307%
88	15.967	4538	4549	4558	rBV	523185	806731	3.22%	0.827%
89	16.159	4600	4609	4616	rBV	509548	753217	3.01%	0.772%
90	16.275	4632	4645	4667	rBV	2327951	3984117	15.90%	4.082%
91	16.423	4679	4691	4698	rBV	1992773	3223538	12.87%	3.303%
92	16.552	4721	4731	4743	rVV	235509	382926	1.53%	0.392%
93	16.648	4744	4761	4782	rVB	485847	1226496	4.90%	1.257%
94	16.796	4797	4807	4826	rBV	223876	371479	1.48%	0.381%
95	16.893	4827	4837	4851	rBV2	501091	821307	3.28%	0.842%
96	16.992	4861	4868	4879	rVB2	100790	155087	0.62%	0.159%
97	17.124	4899	4909	4920	rVB2	100799	218772	0.87%	0.224%
98	17.388	4984	4991	5014	rVB2	114660	253350	1.01%	0.260%
99	17.552	5033	5042	5052	rVB3	89557	157038	0.63%	0.161%
100	17.616	5054	5062	5072	rBV	83249	138496	0.55%	0.142%

Sum of corrected areas: 97594936

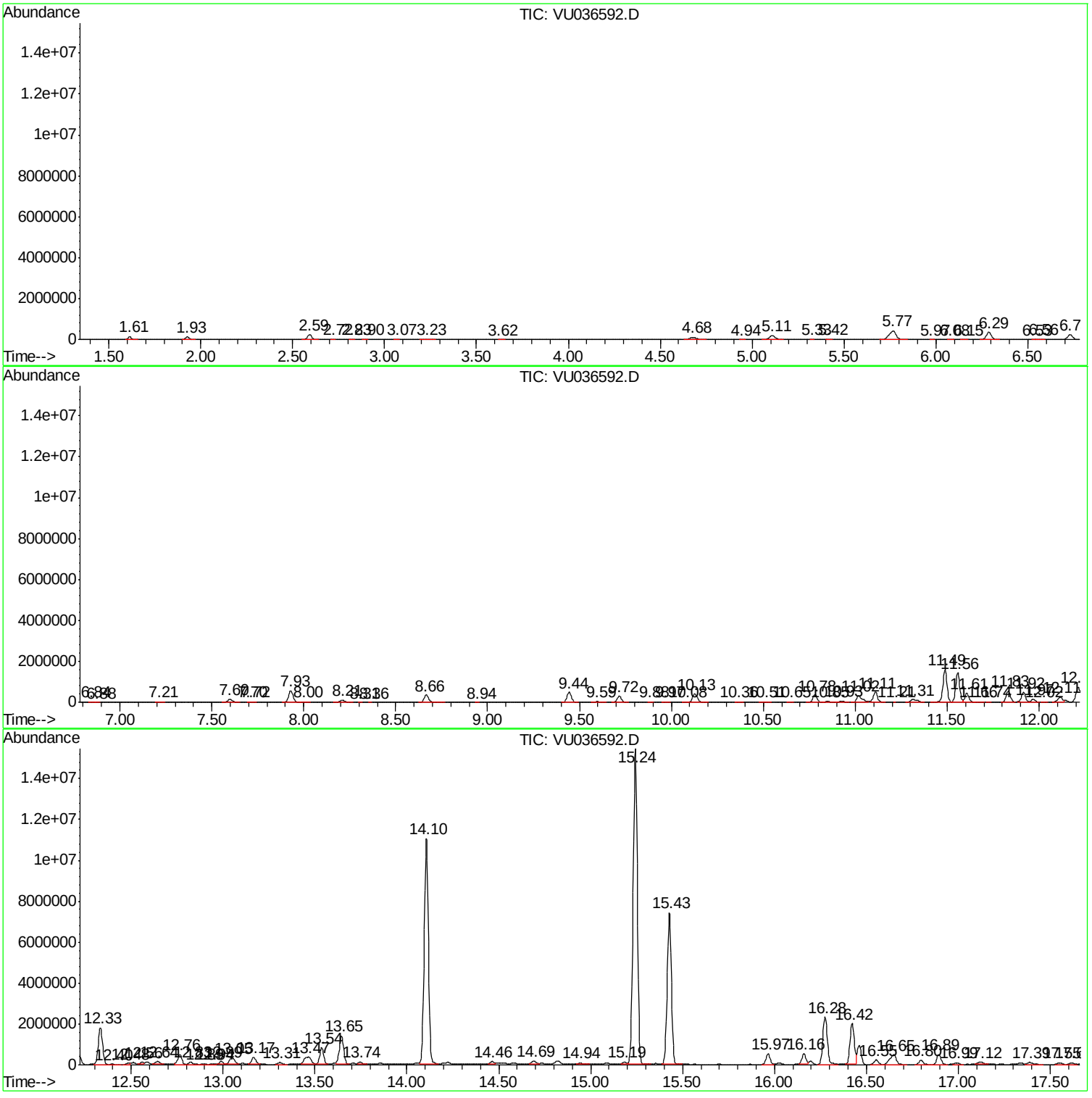
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

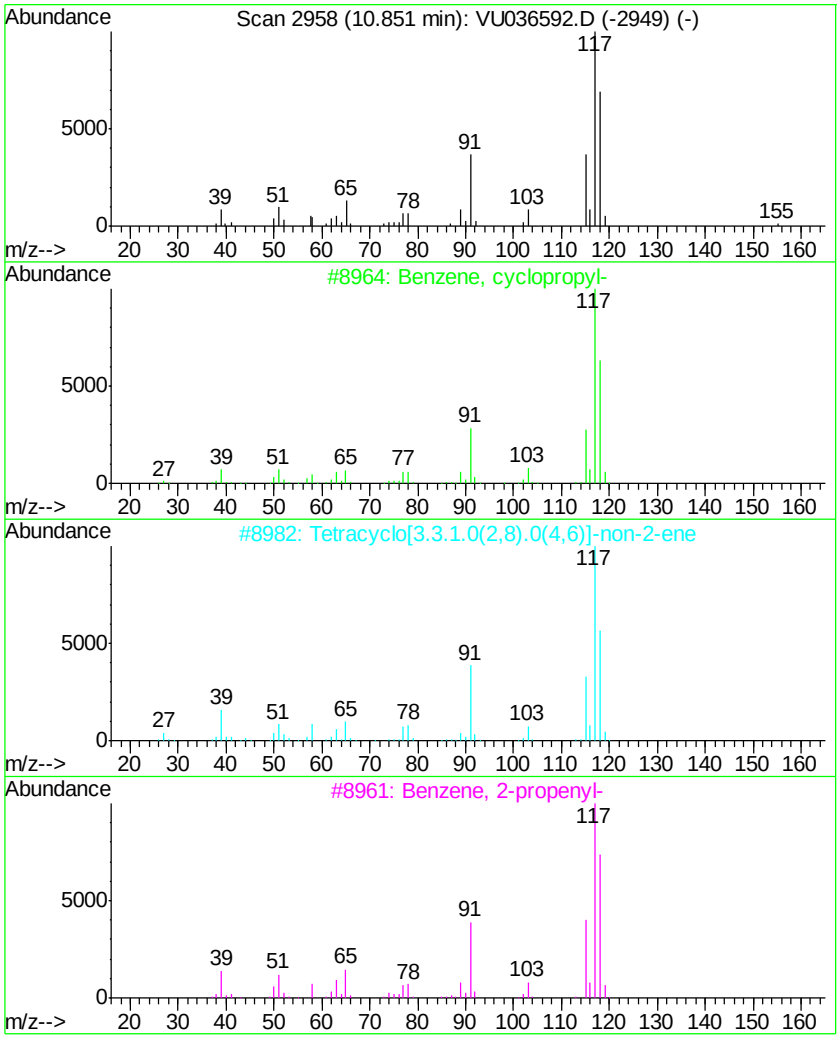
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

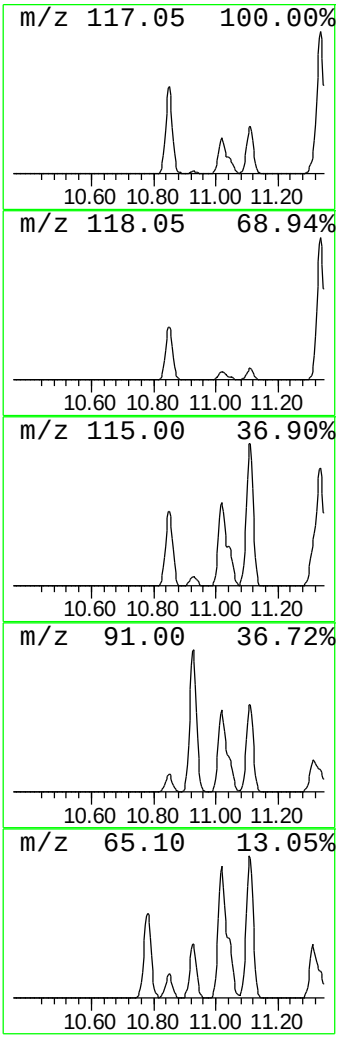
****

Peak Number 2 Benzene, cyclopropyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	3.07 ug/L	54025	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	94
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

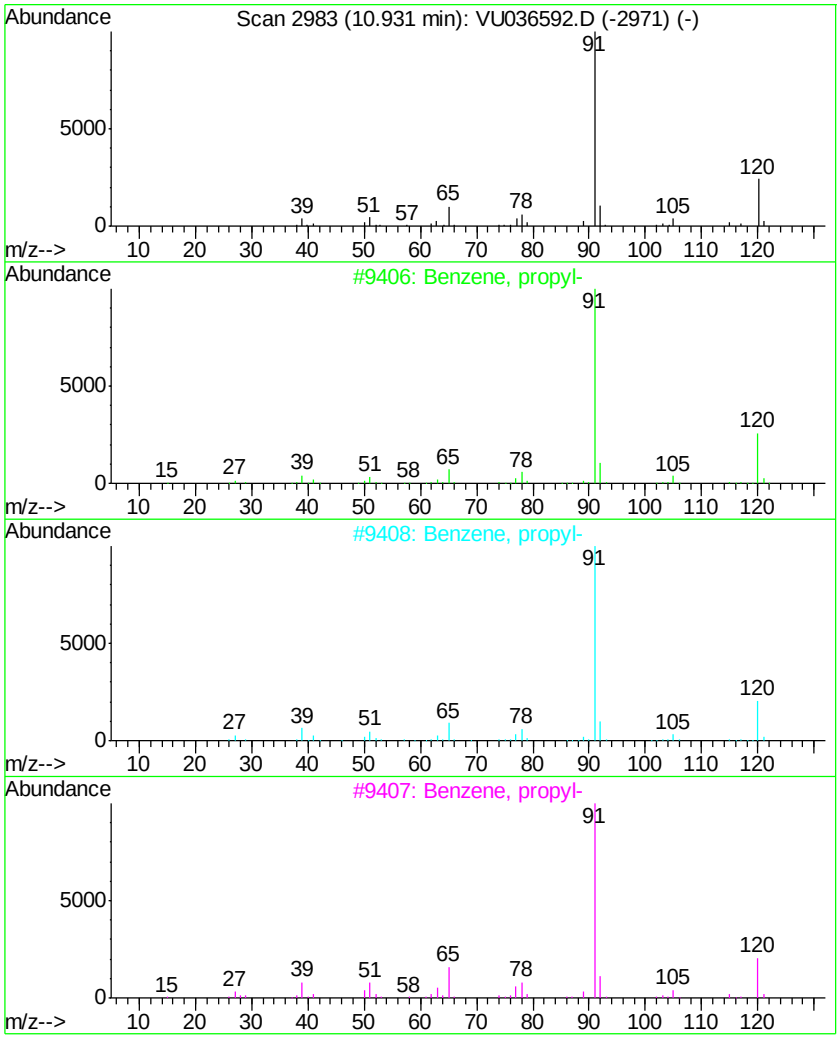
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

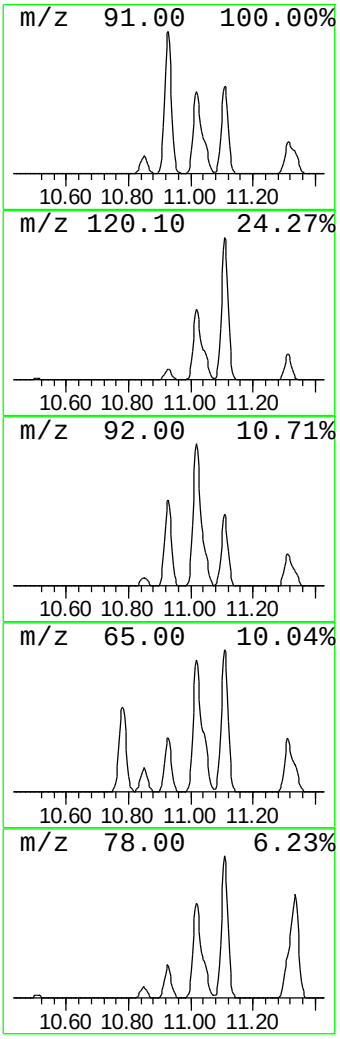
****

Peak Number 3 Benzene, propyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	4.61 ug/L	80986	1,4-Dichlorobenzene-d4	11.83

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	91
3	Benzene, propyl-	120	C9H12	000103-65-1	91
4	n-Butylbenzylamine	163	C11H17N	002403-22-7	72
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

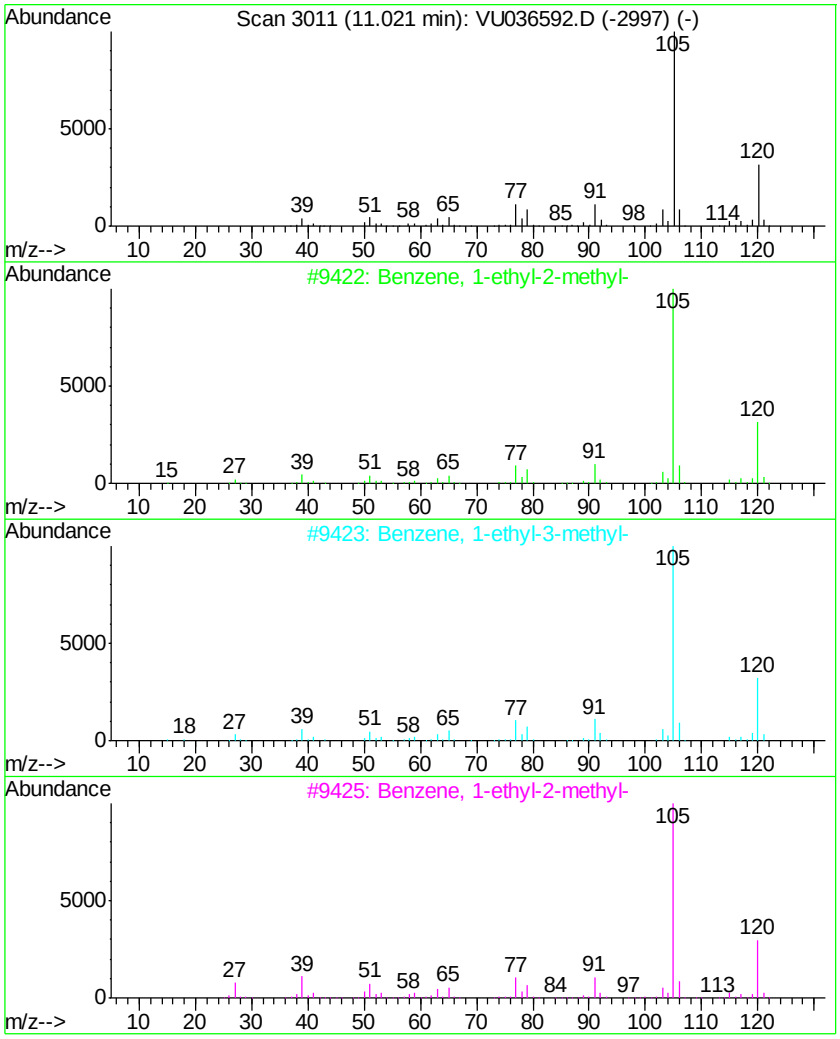
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

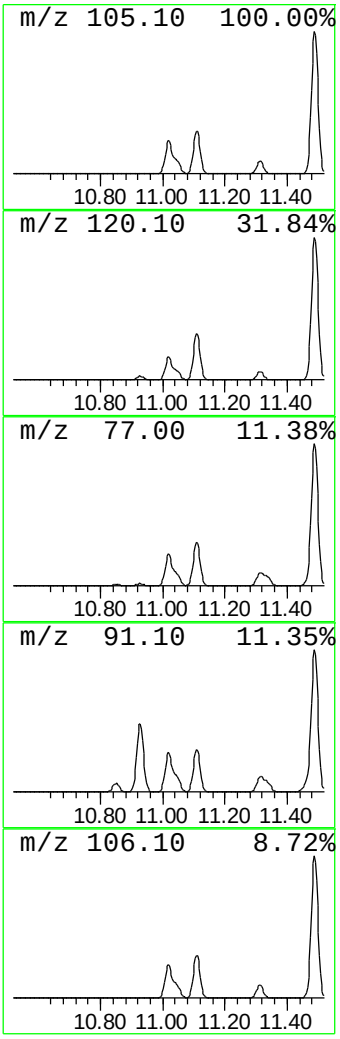
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	40.34 ug/L	708856	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

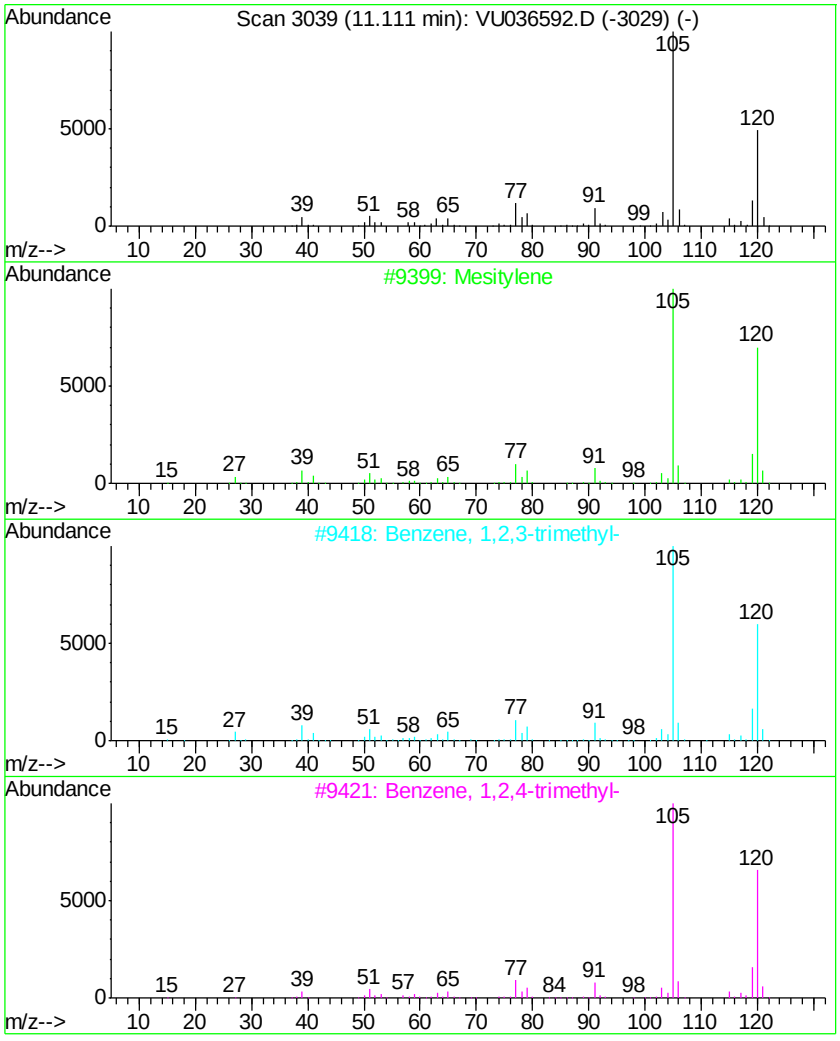
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

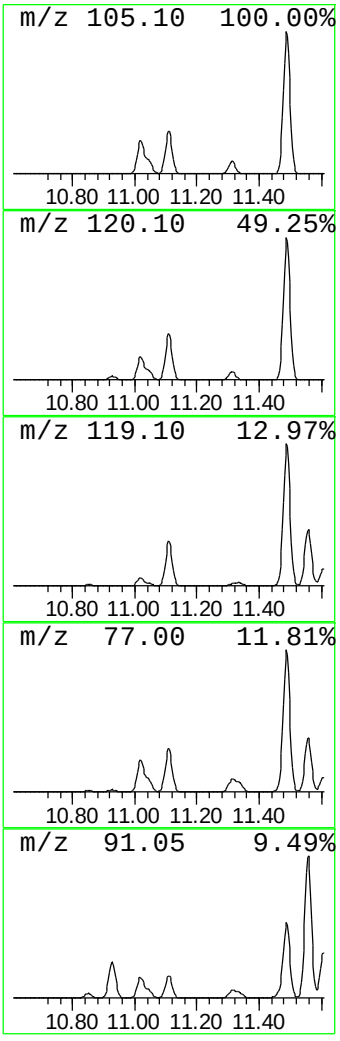
****

Peak Number 5 Mesitylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	44.74 ug/L	786185	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	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

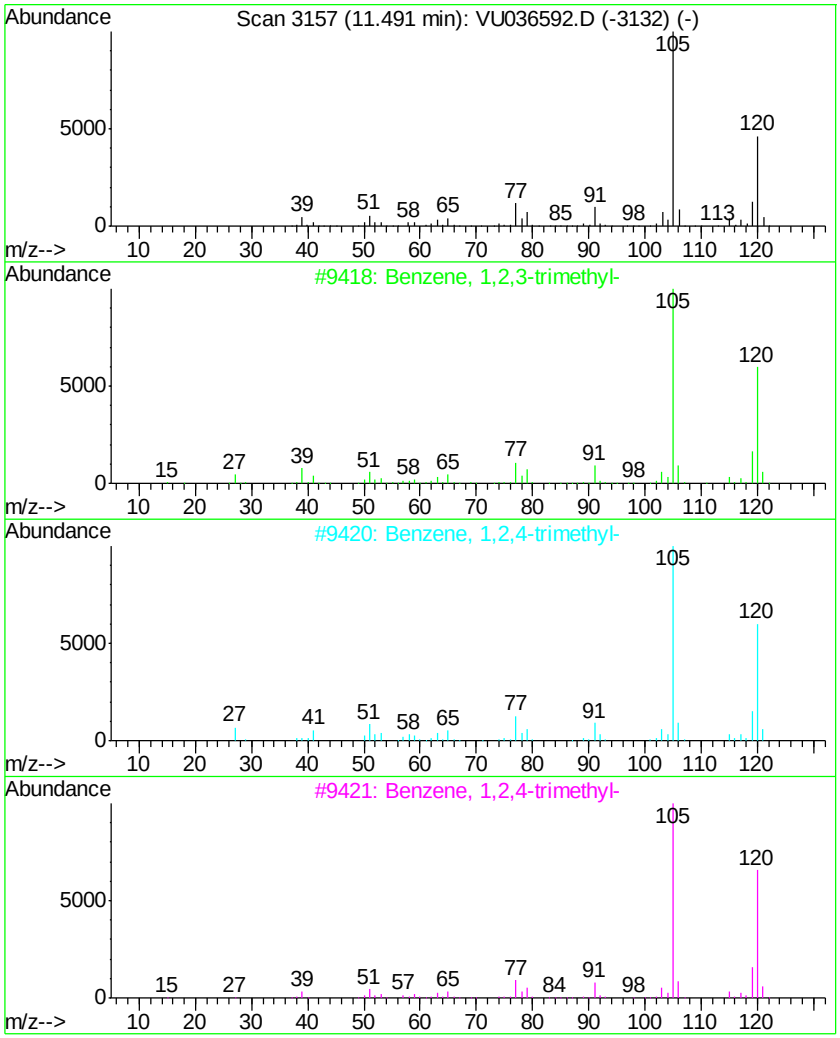
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

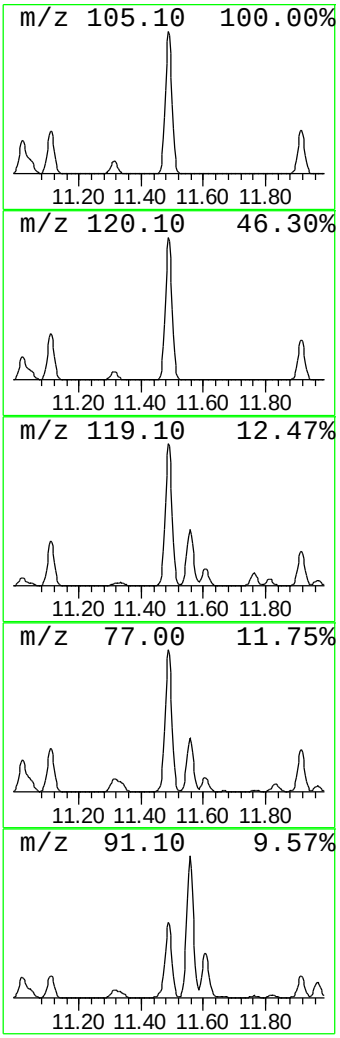
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	143.84 ug/L	2527770	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

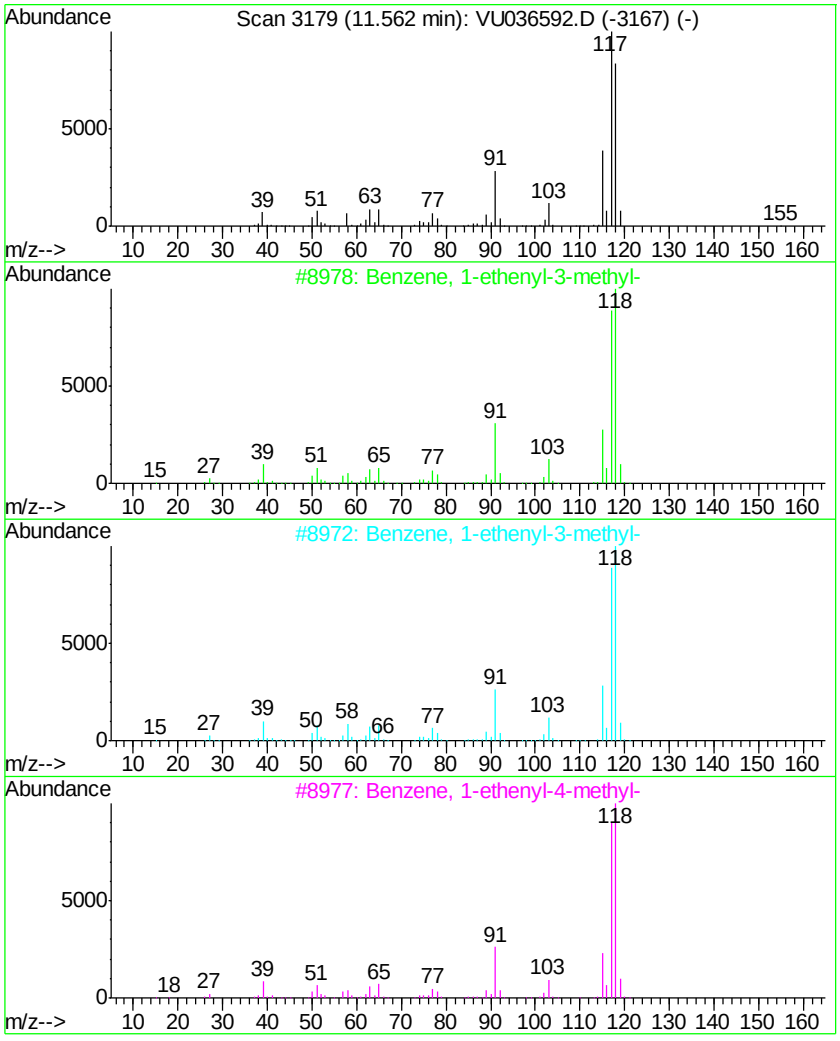
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

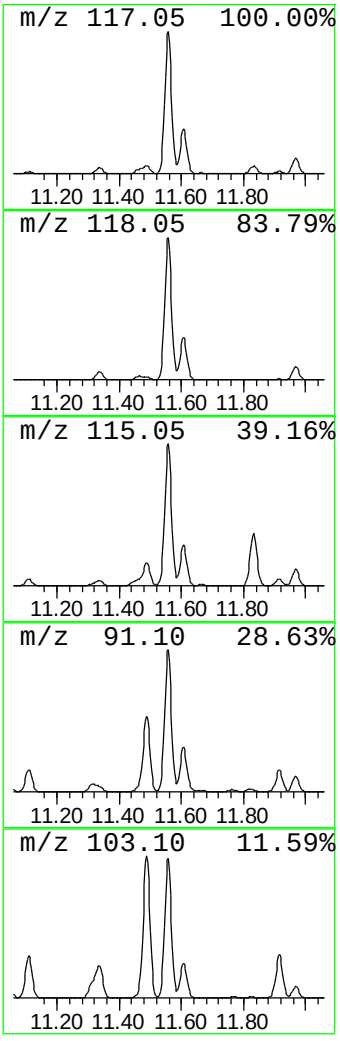
****

Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	123.77 ug/L	2174960	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

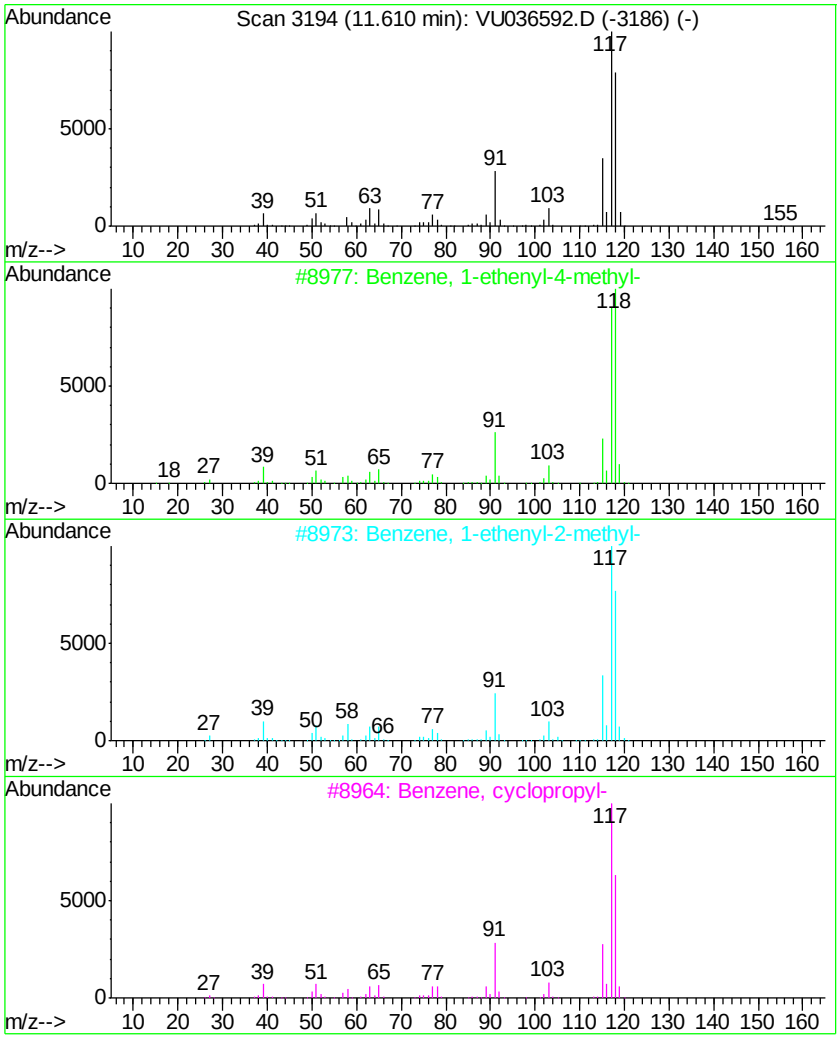
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

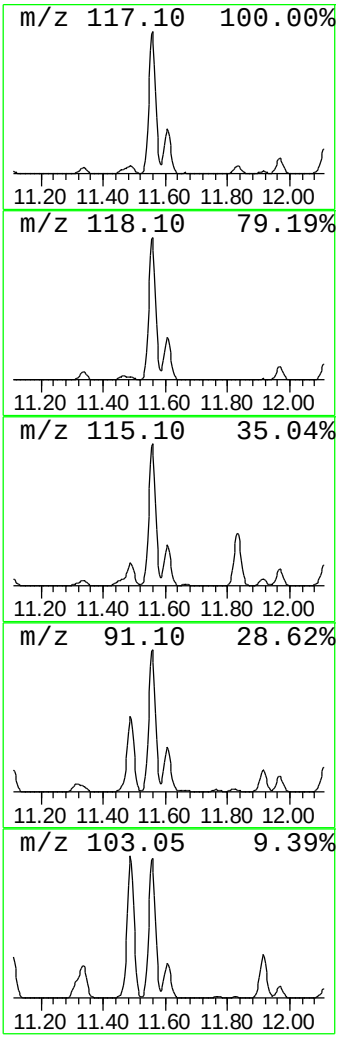
****

Peak Number 9 Benzene, 1-ethenyl-4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	36.44 ug/L	640367	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, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

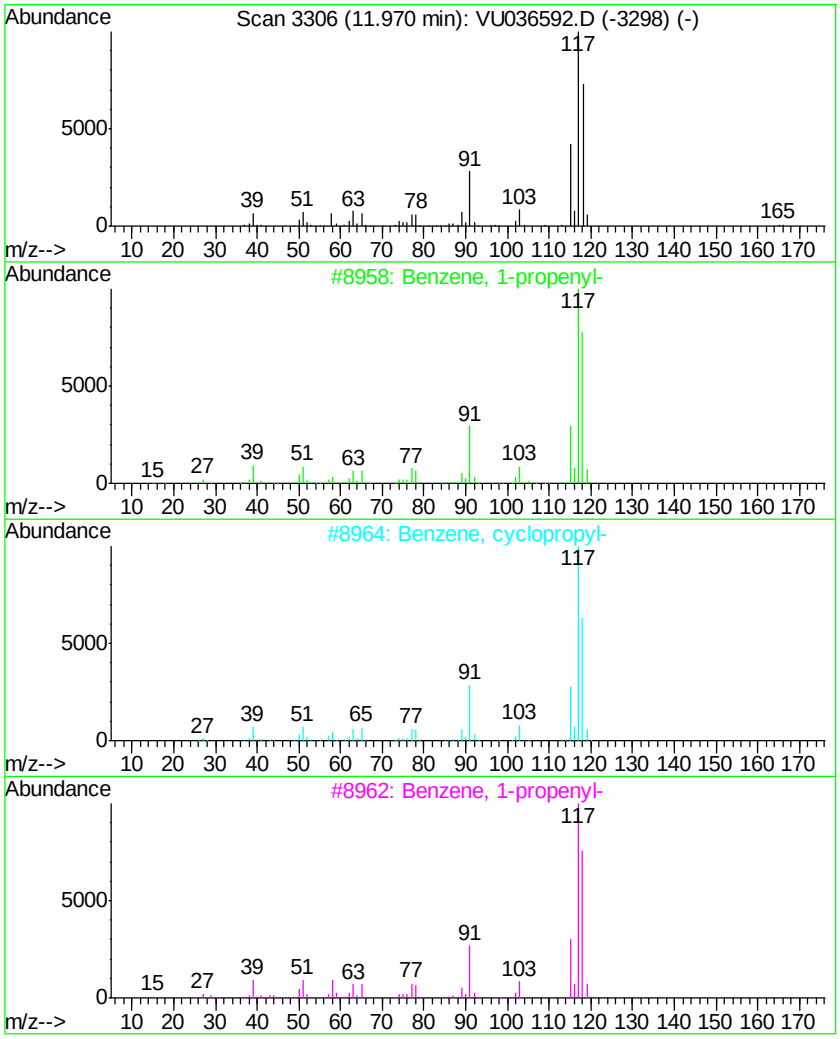
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

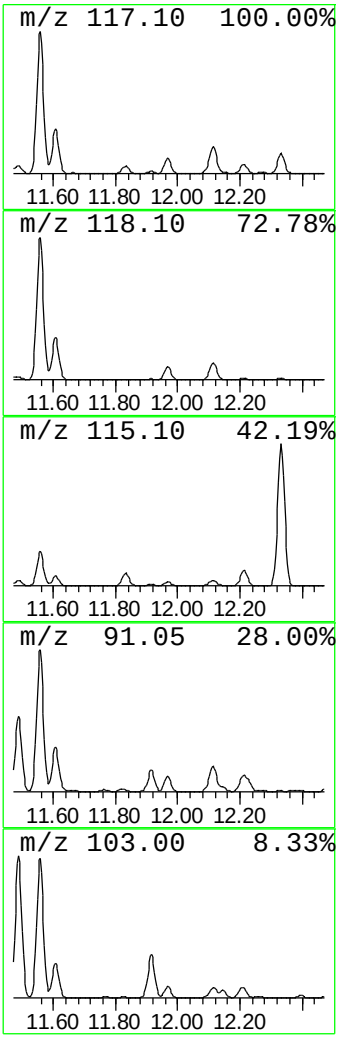
****

Peak Number 11 Benzene, 1-propenyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	12.60 ug/L	221498	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	94
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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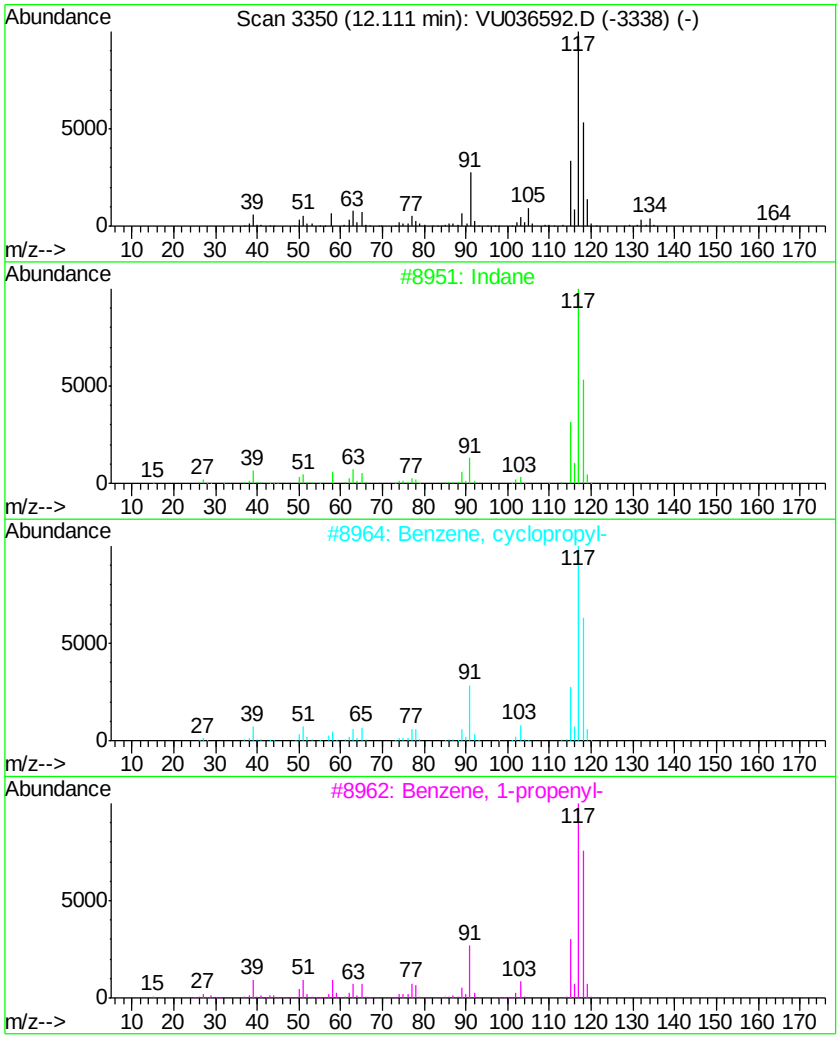
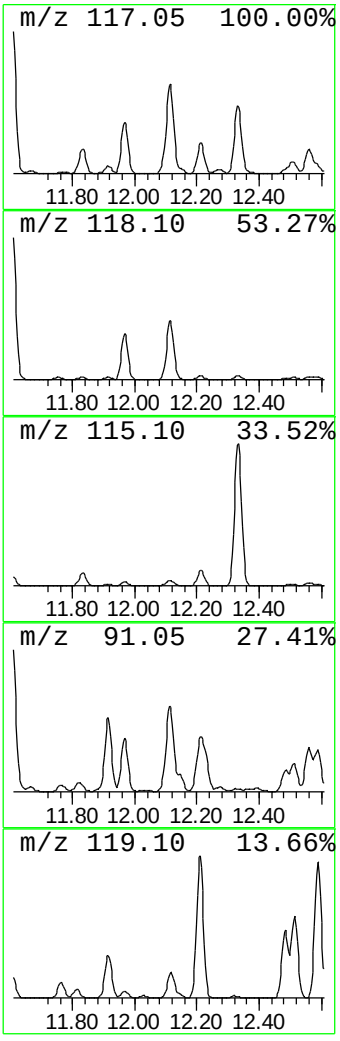
Peak Number 12 Indane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	25.63 ug/L	450491	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

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

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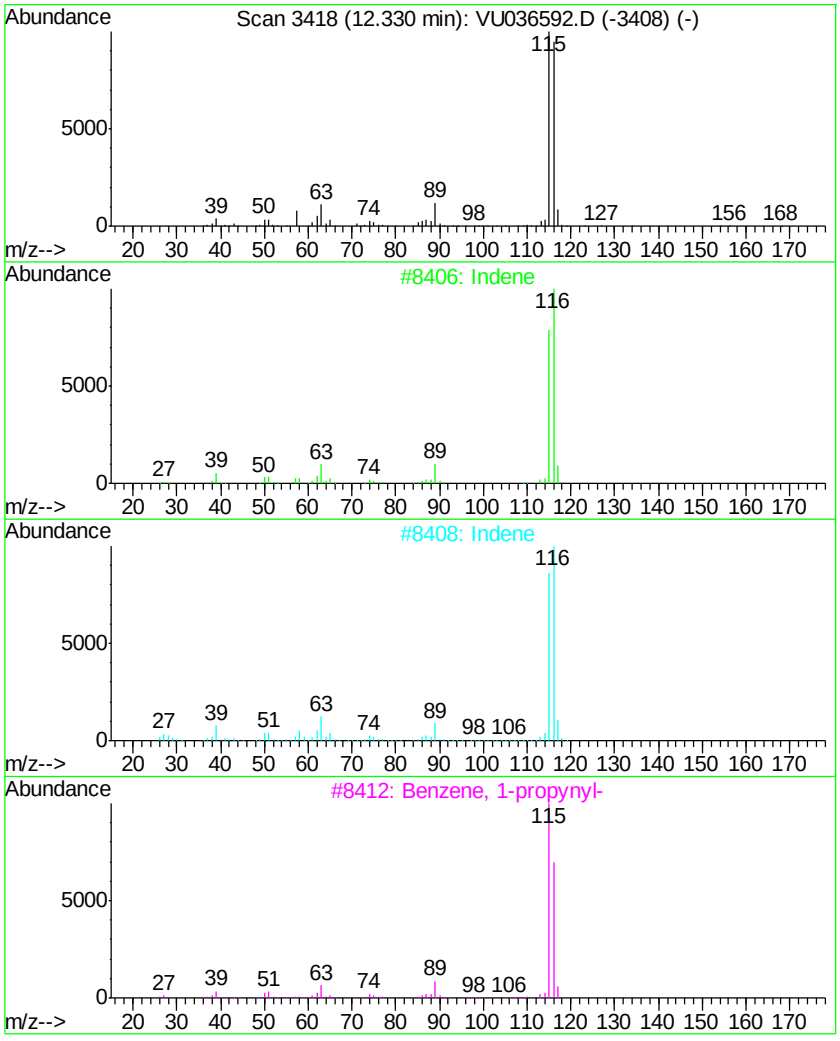
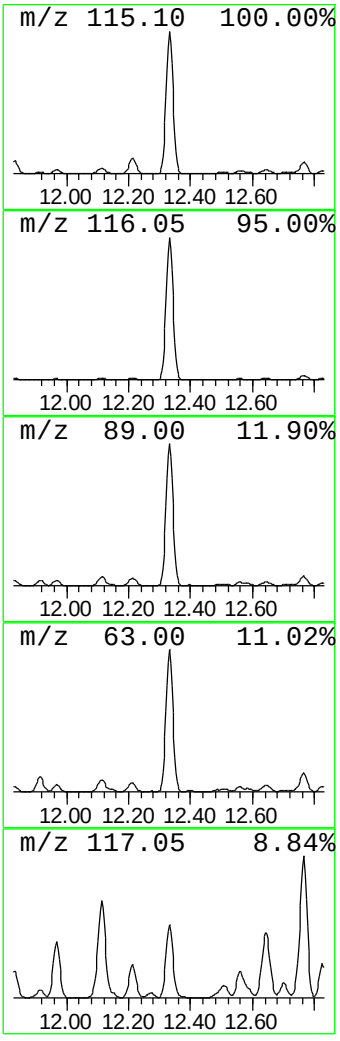
Peak Number 13 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	169.13 ug/L	2972200	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-propynyl-	116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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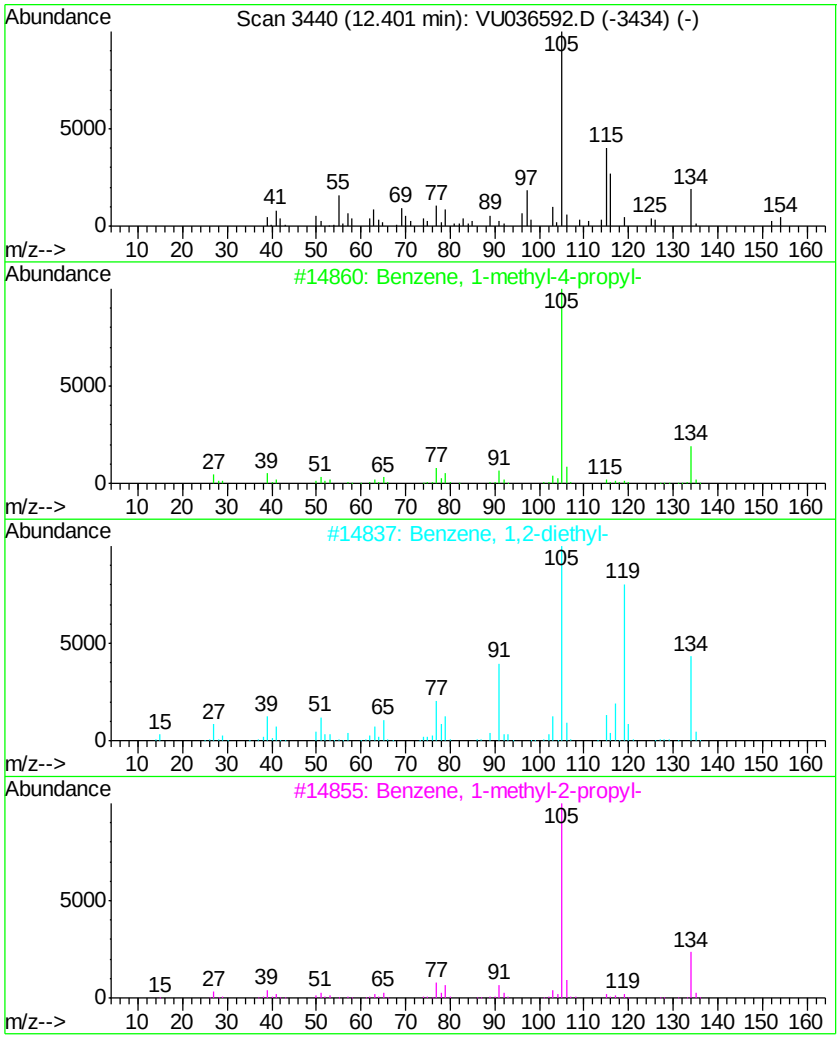
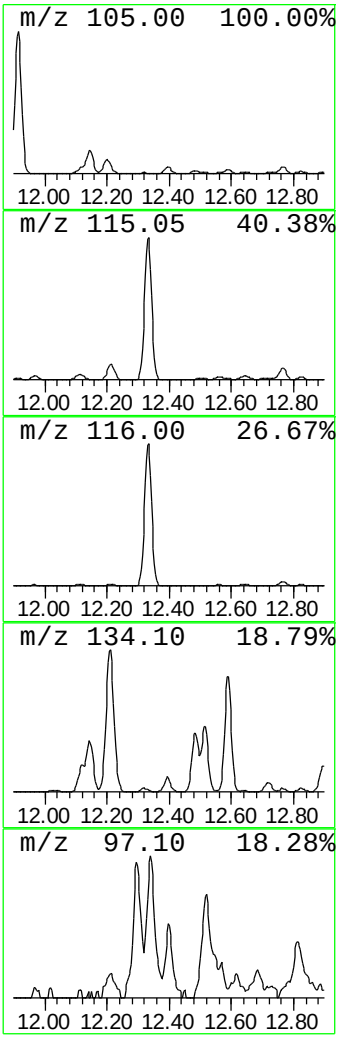
Peak Number 14 unknown-01 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.73 ug/L	48043	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	35
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	30
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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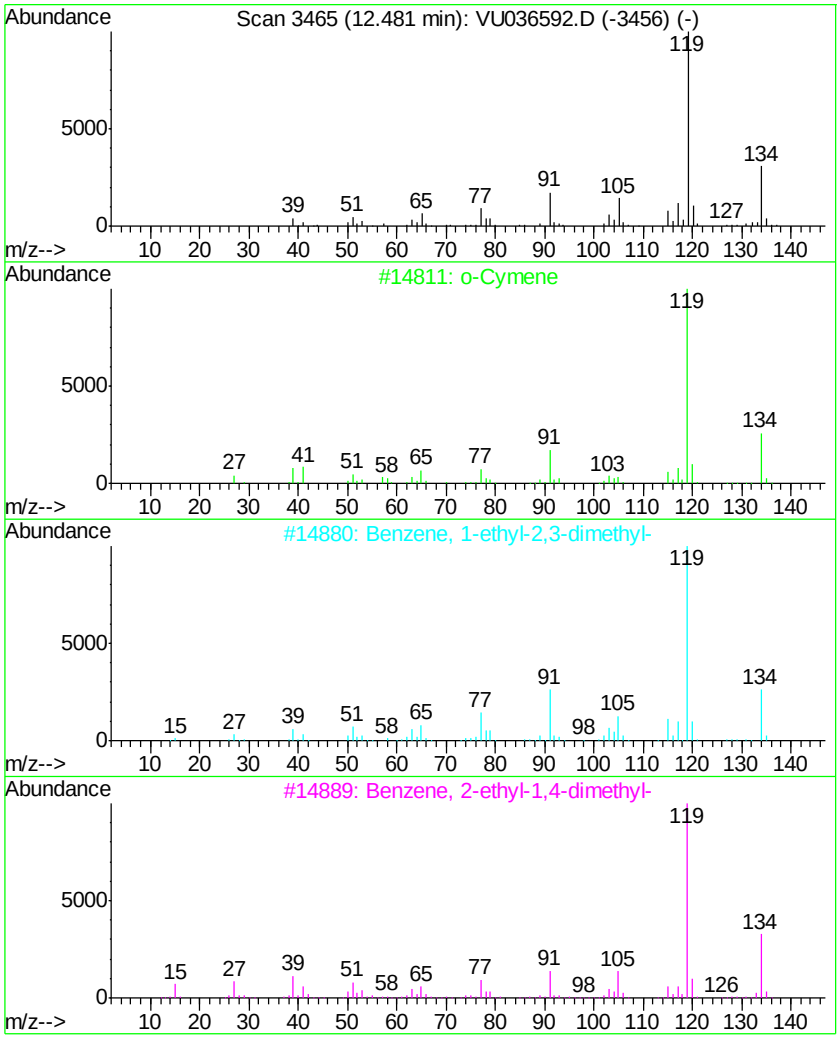
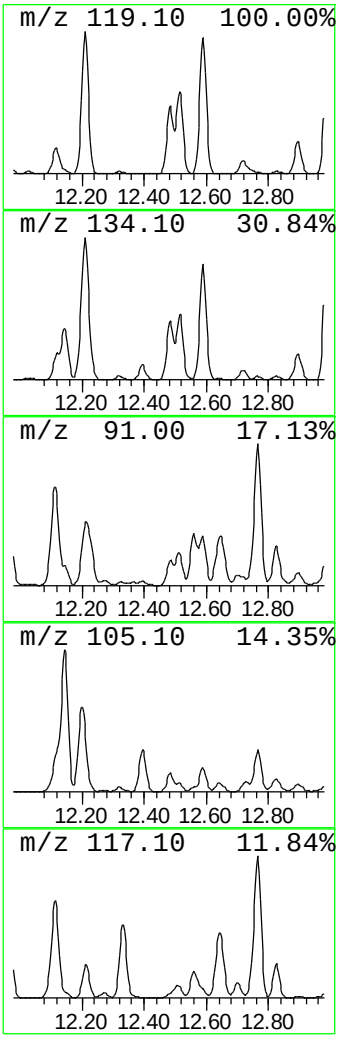
Peak Number 15 o-Cymene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	6.42 ug/L	112891	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

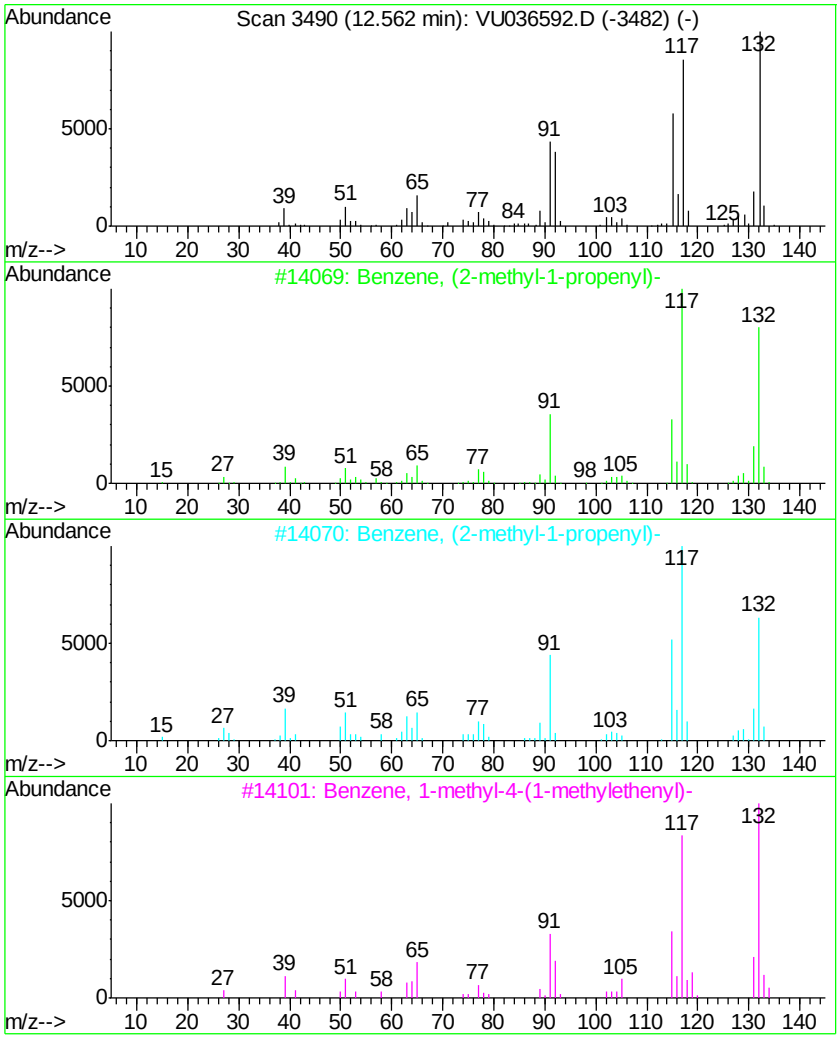
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

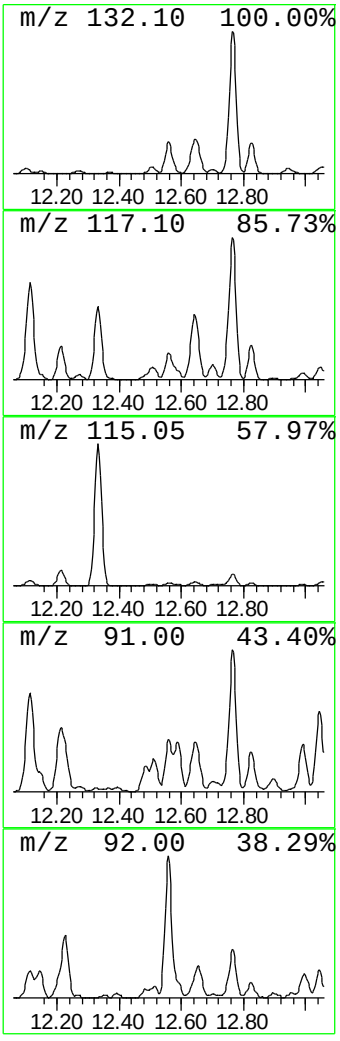
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, (2-methyl-1-propen... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	8.19 ug/L	143915	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	81
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	76
4	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	68
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

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

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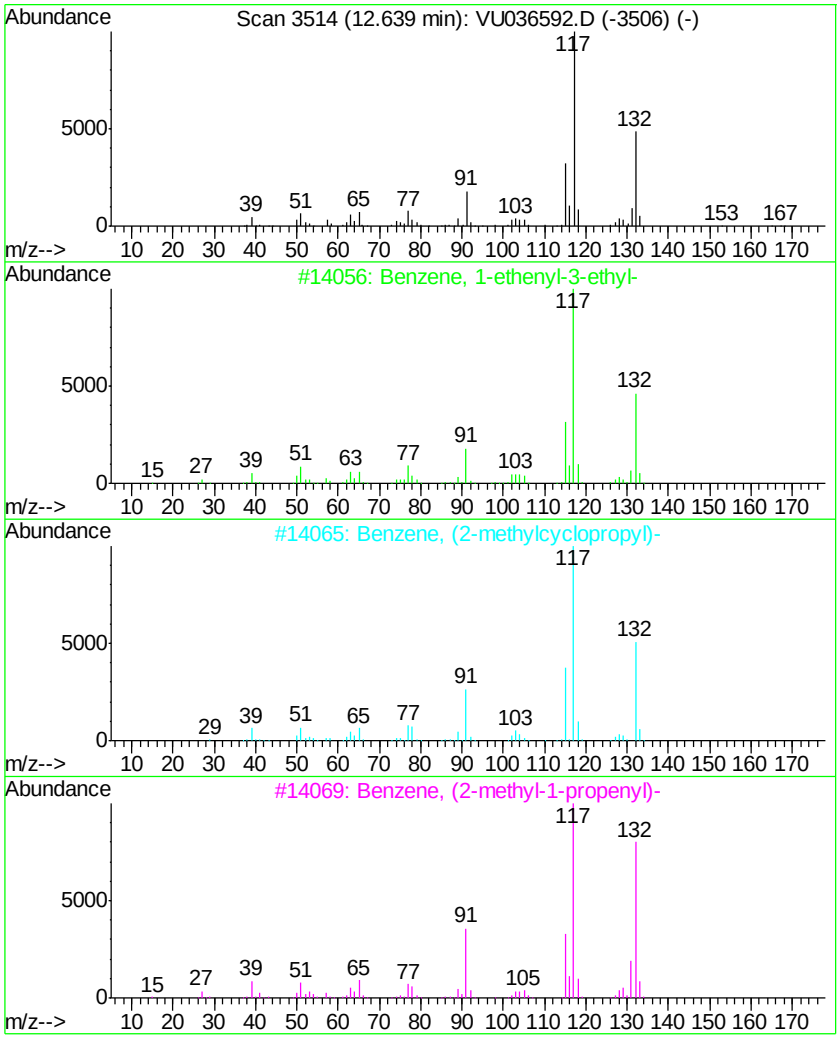
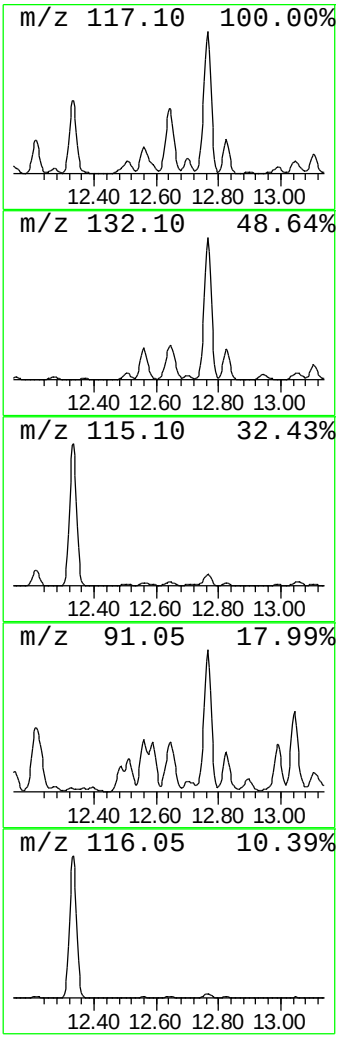
Peak Number 17 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	14.69 ug/L	258218	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	96
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	94
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

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

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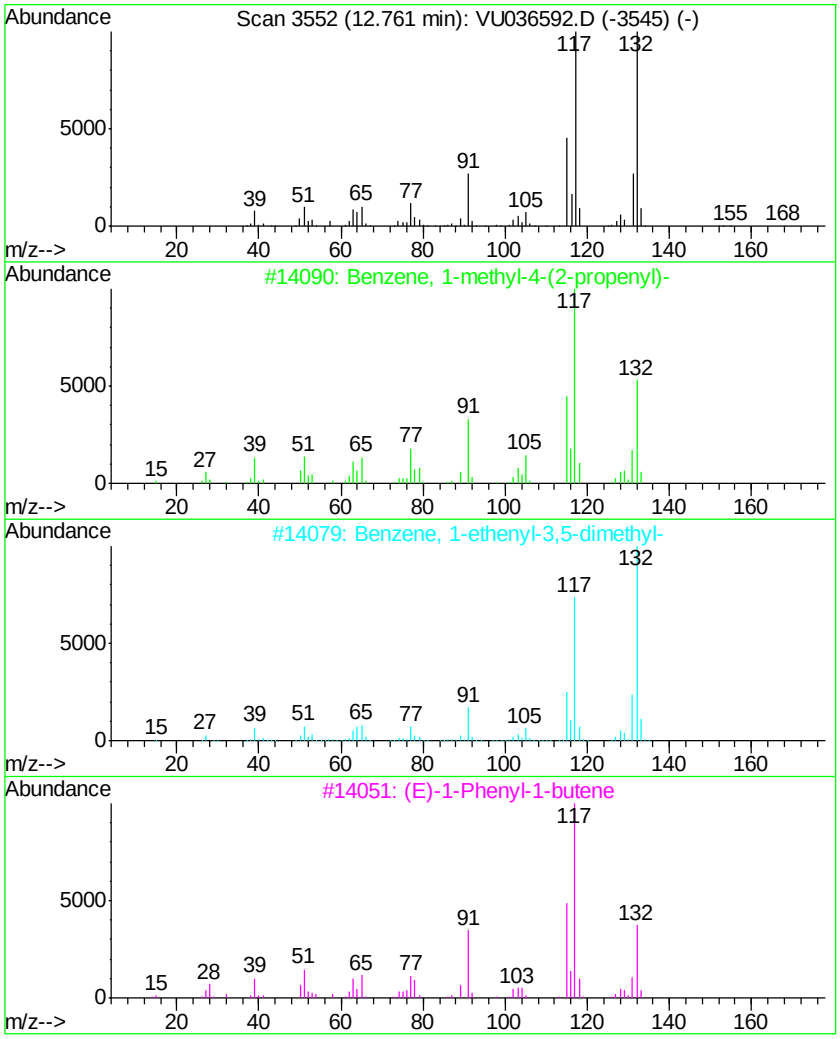
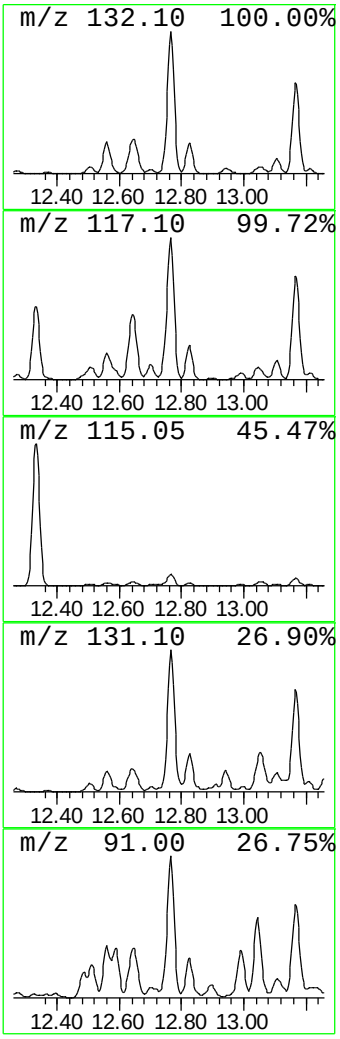
Peak Number 18 Benzene, 1-methyl-4-(2-prop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	43.67 ug/L	767476	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

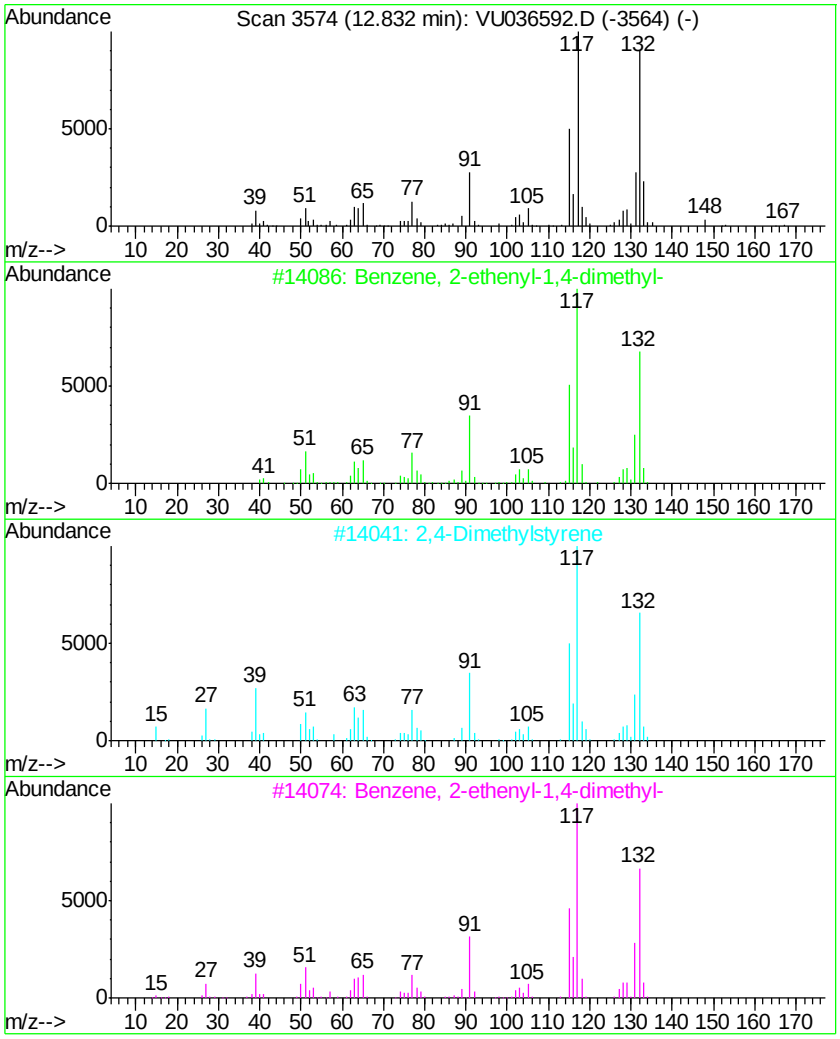
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

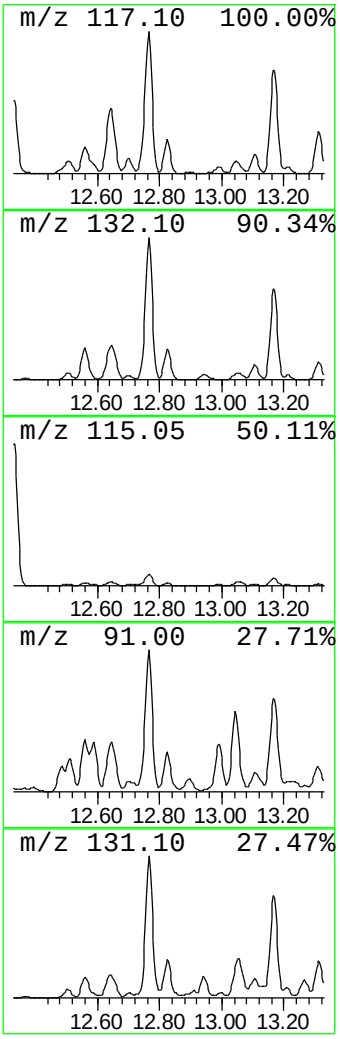
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	10.41 ug/L	182892	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, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94





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Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

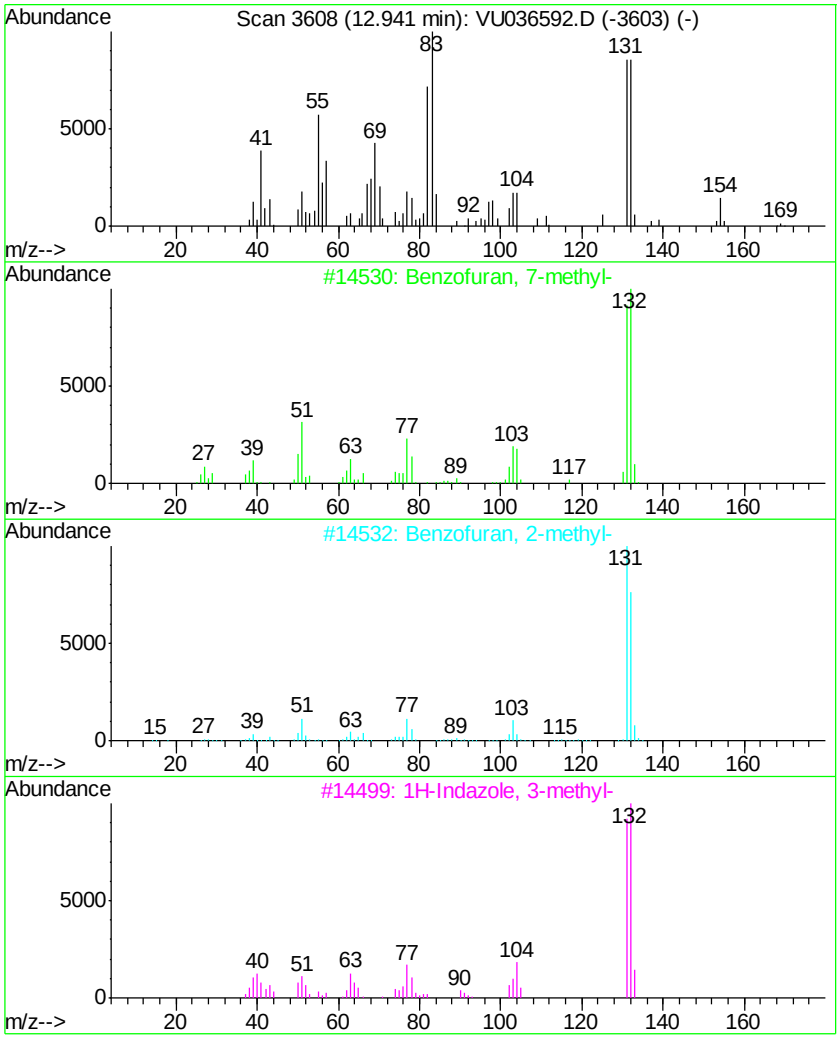
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

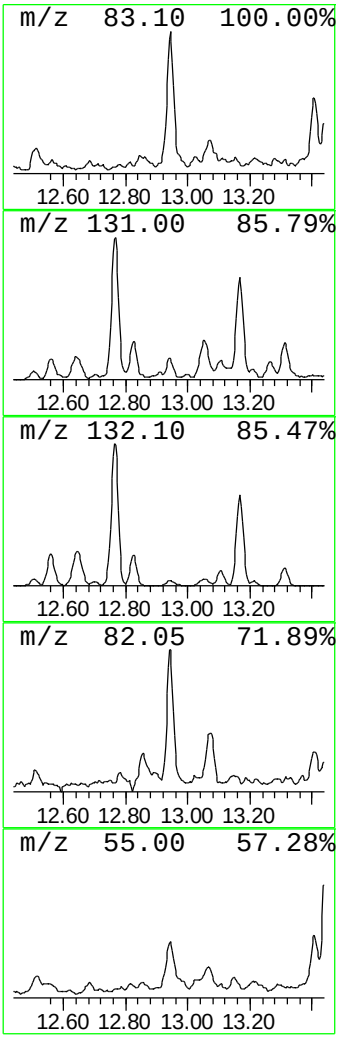
****

Peak Number 20 Benzofuran, 7-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.03 ug/L	53204	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	64
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	50
3	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	50
4	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	43
5	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

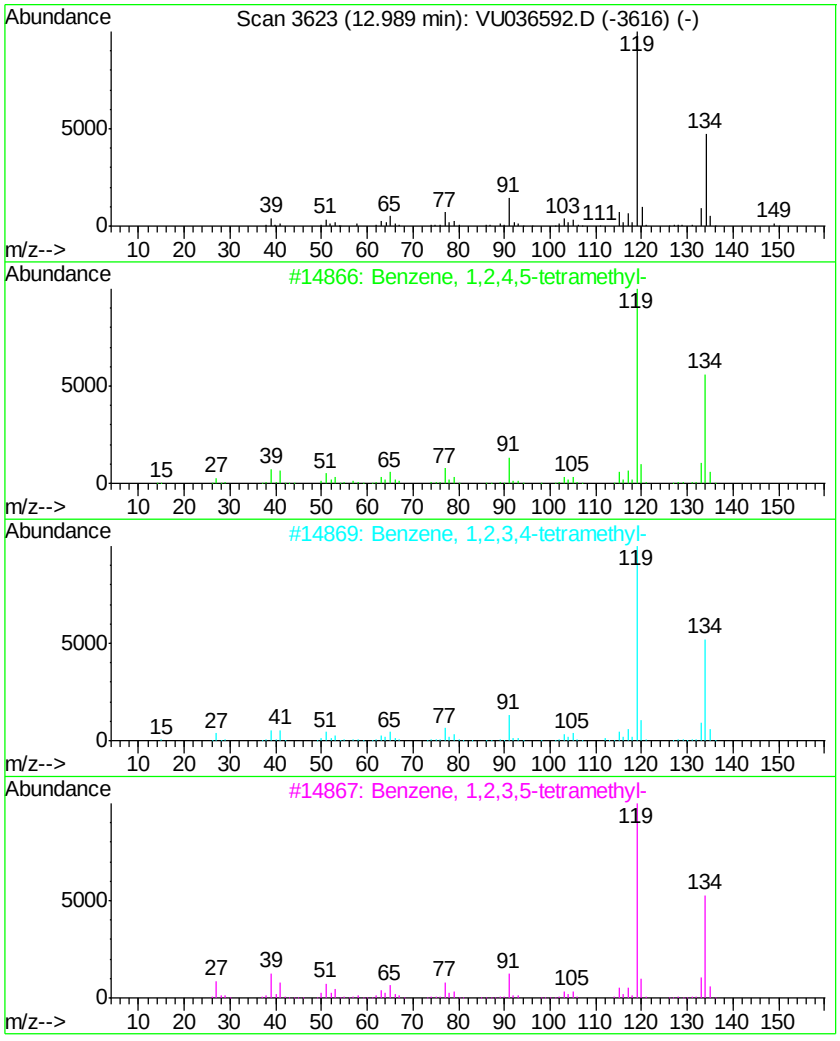
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

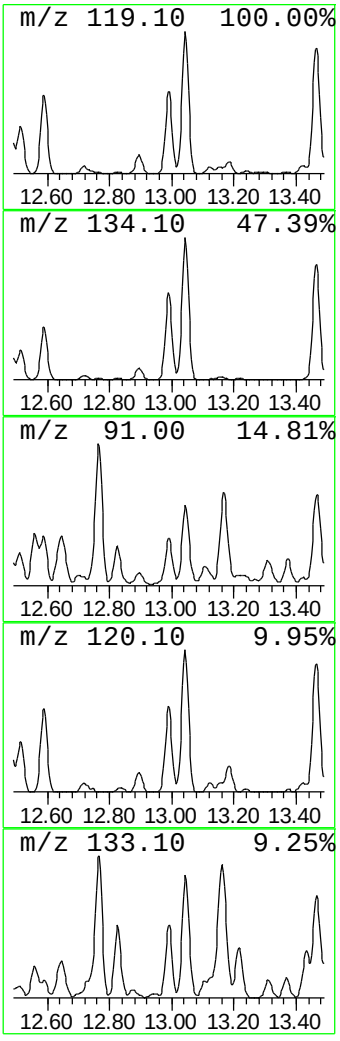
****

Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	11.56 ug/L	203194	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	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

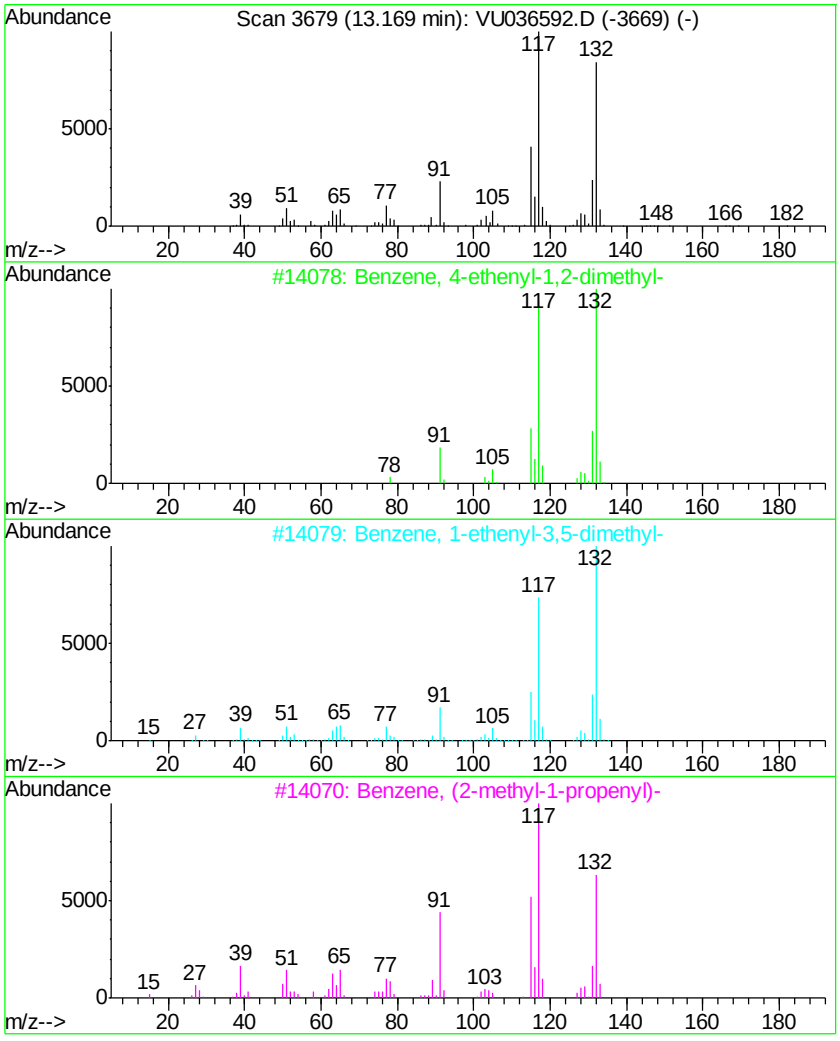
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

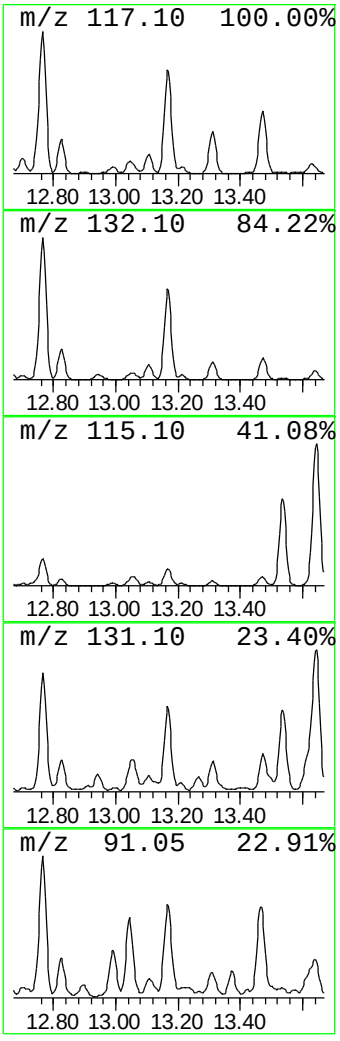
****

Peak Number 23 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	30.00 ug/L	527263	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

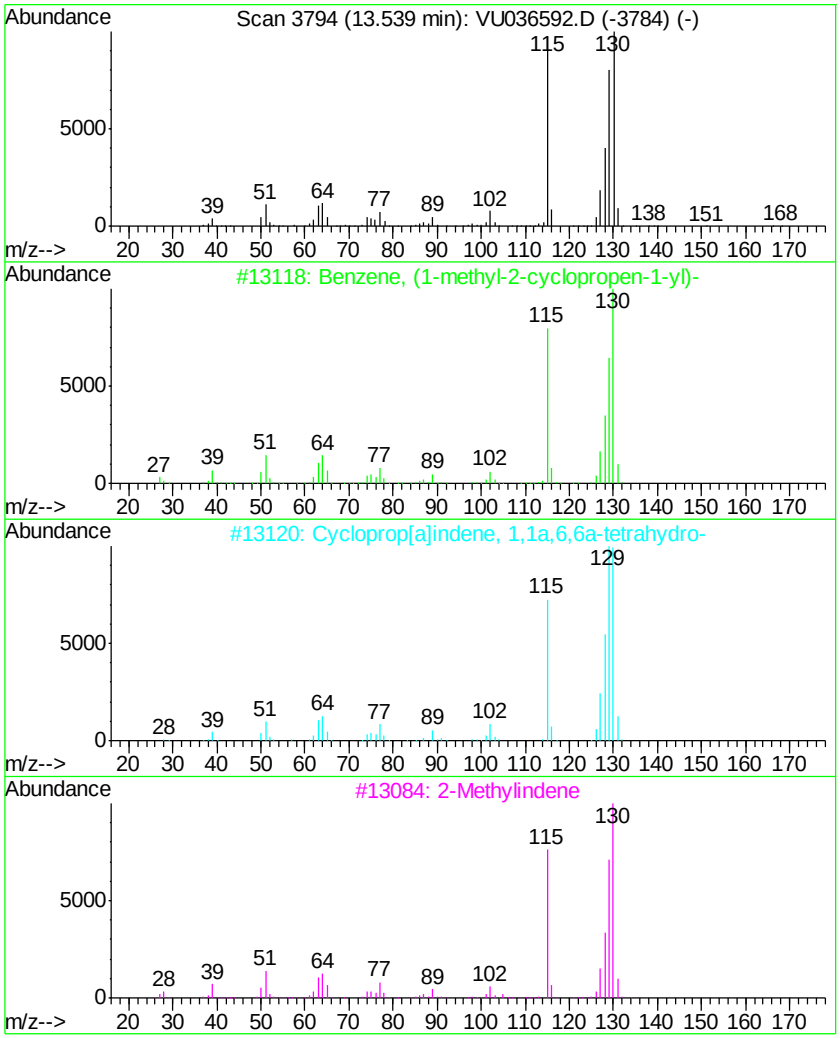
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

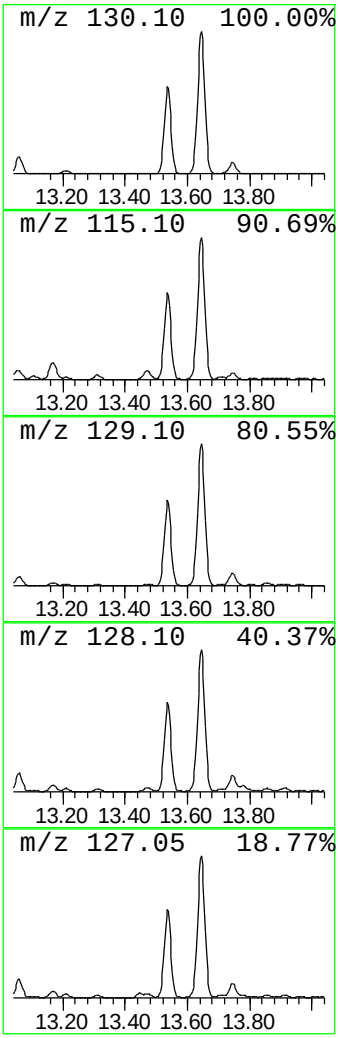
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, (1-methyl-2-cyclop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	68.03 ug/L	1195500	1,4-Dichlorobenzene-d4	11.83

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





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Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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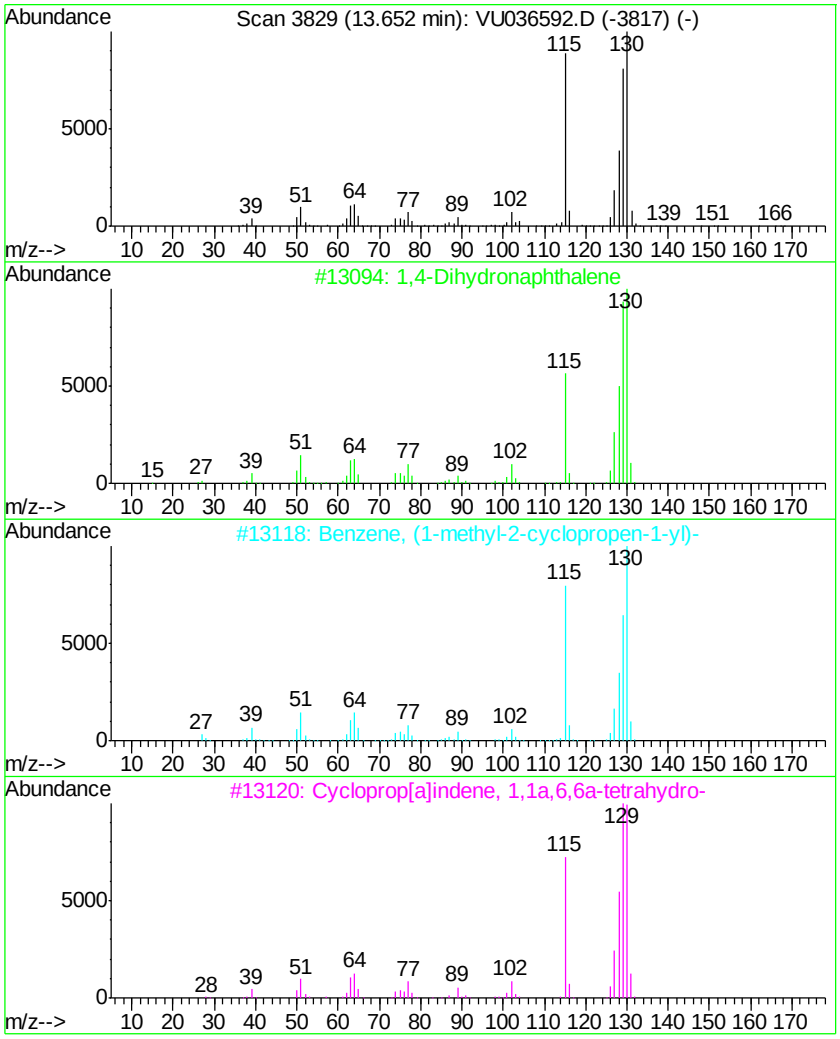
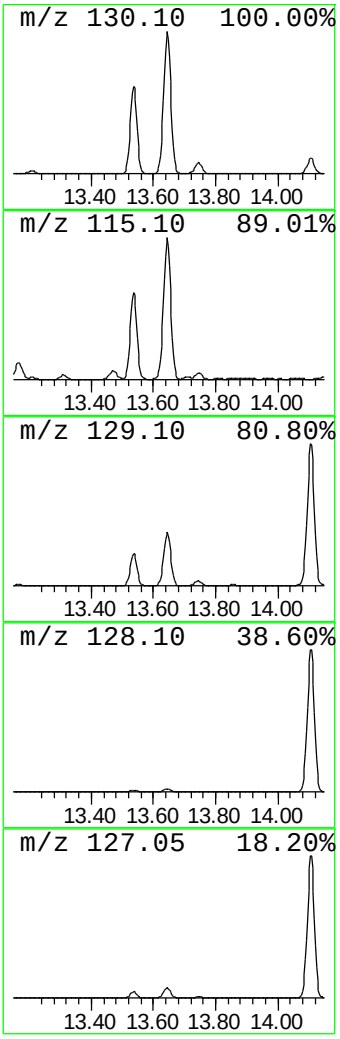
Peak Number 27 1,4-Dihydronaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	129.44 ug/L	2274670	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	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	2-Methylindene	130	C10H10	002177-47-1	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

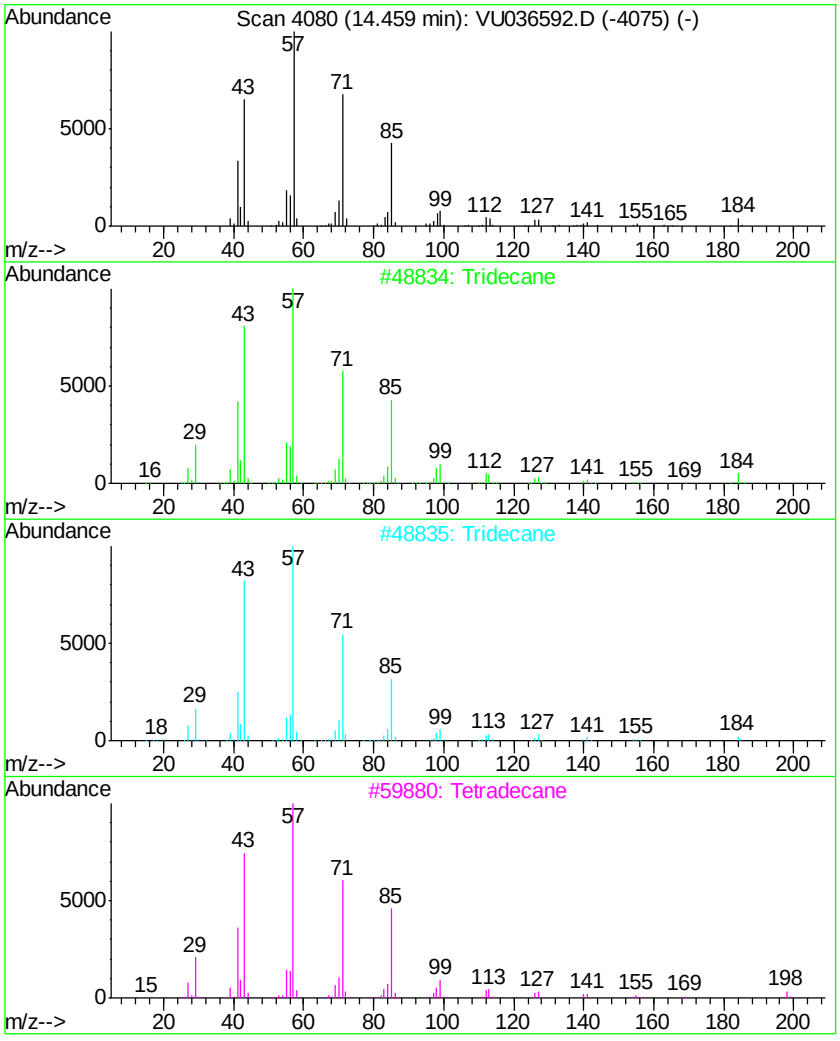
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

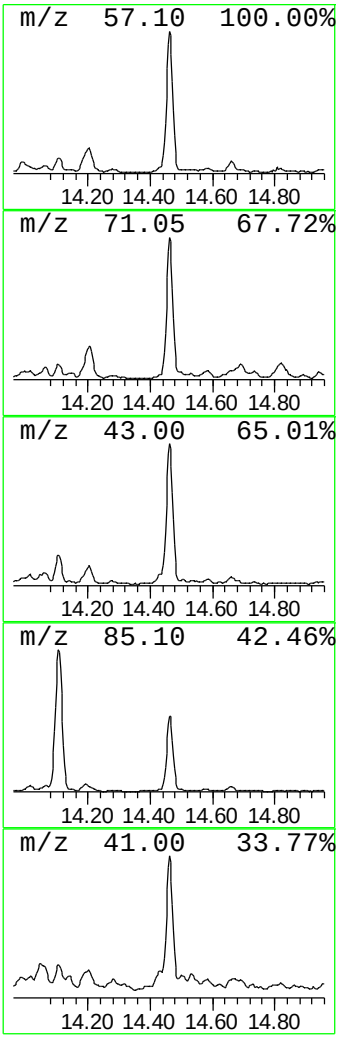
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	8.54 ug/L	150162	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	94
3	Tetradecane	198	C14H30	000629-59-4	91
4	Dodecane	170	C12H26	000112-40-3	90
5	Tridecane	184	C13H28	000629-50-5	83





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Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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

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

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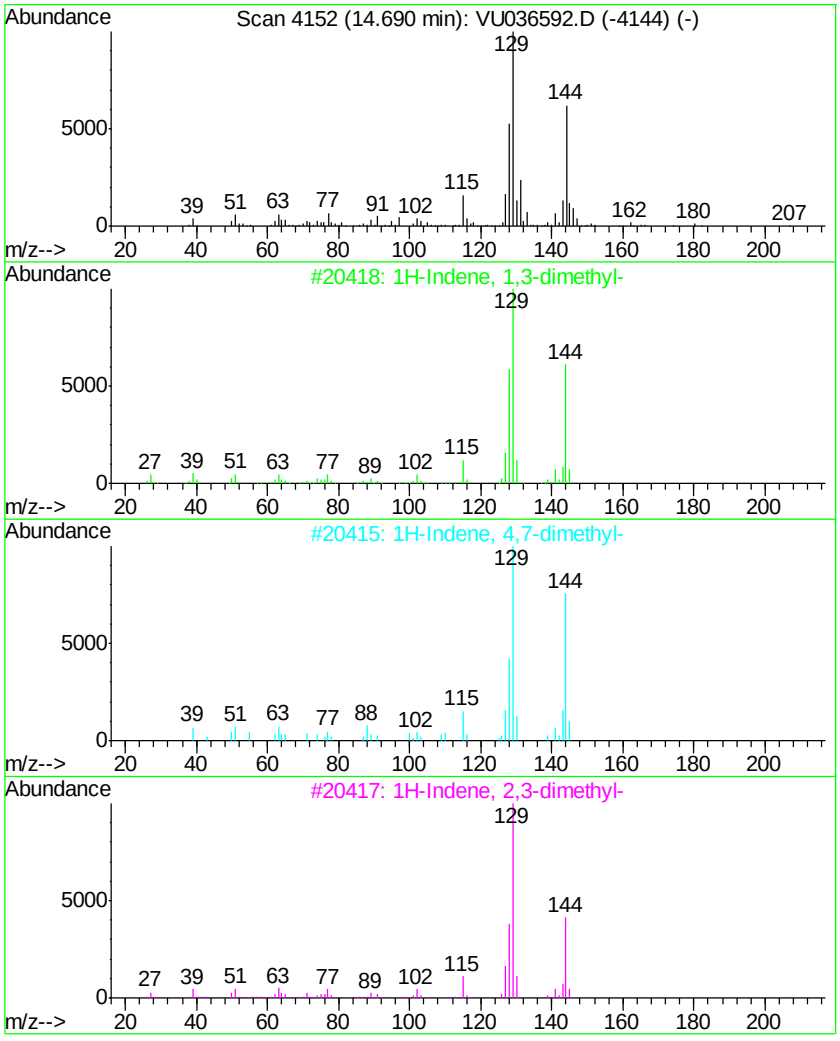
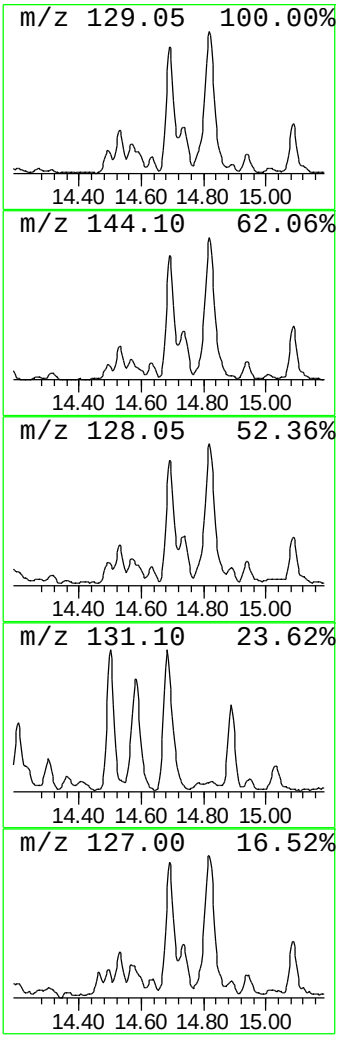
Peak Number 31 1H-Indene, 1,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	13.87 ug/L	243673	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	91
4	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	76
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	76





Library Search Compound Report

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Data File : VU036592.D
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Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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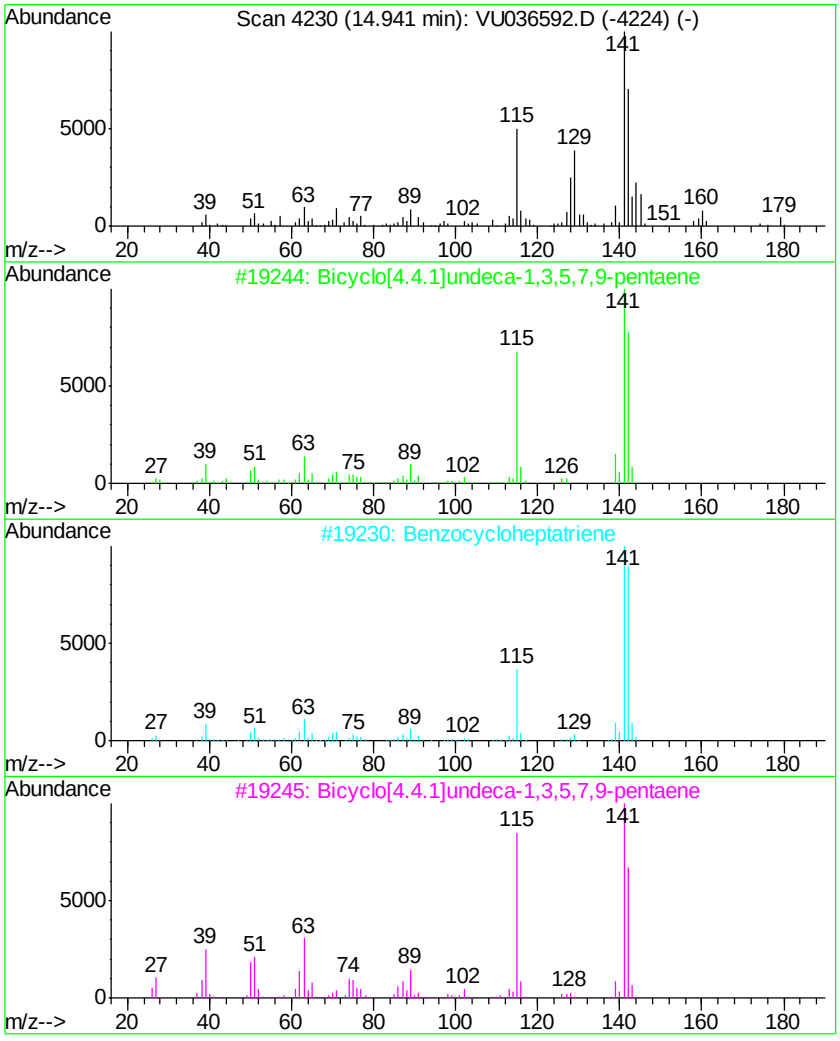
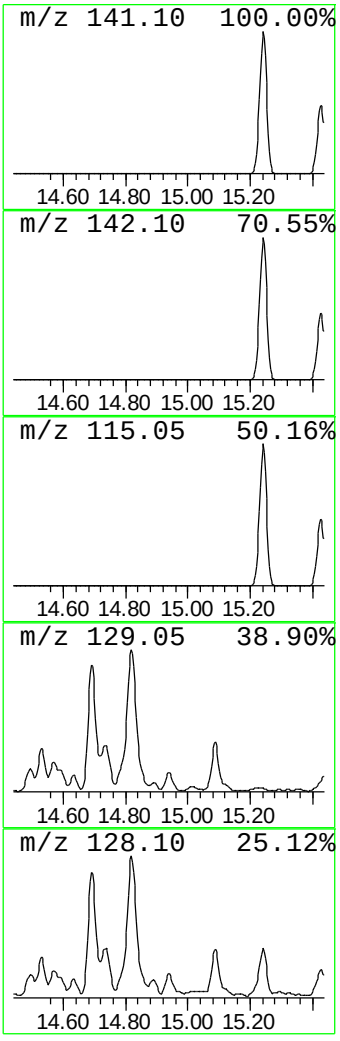
Peak Number 32 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	6.25 ug/L	109746	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	83
2	Benzocycloheptatriene	142	C11H10	000264-09-5	70
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	64
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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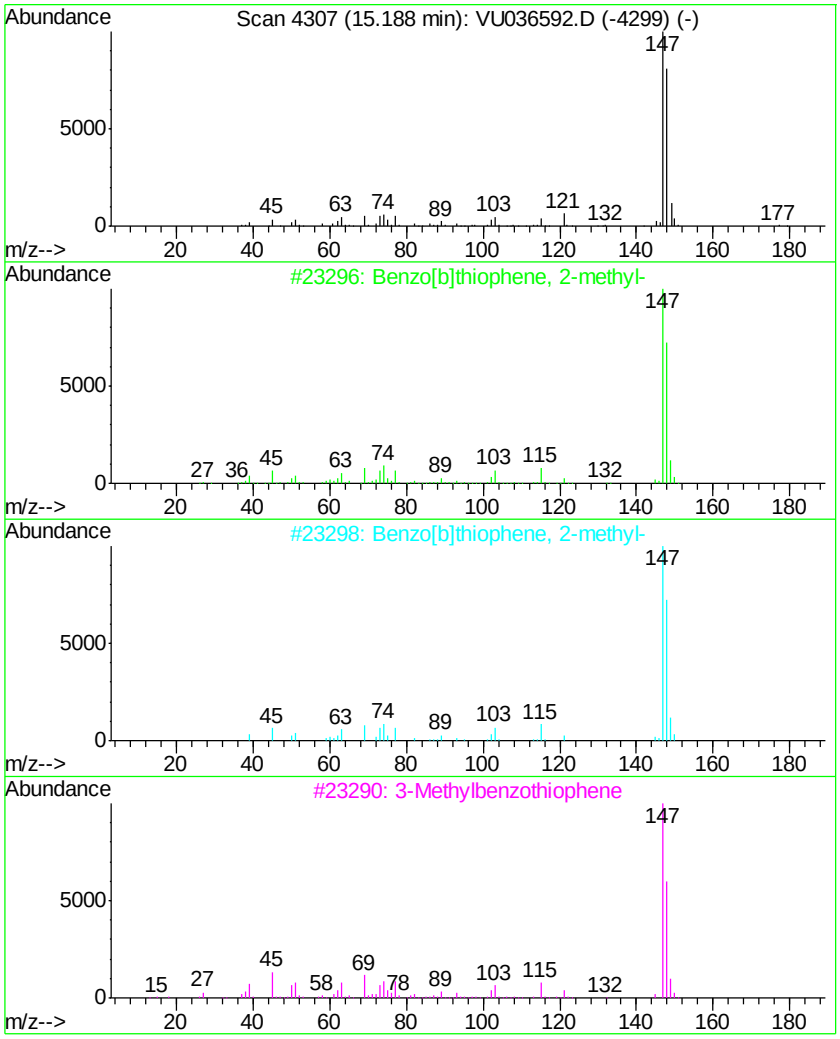
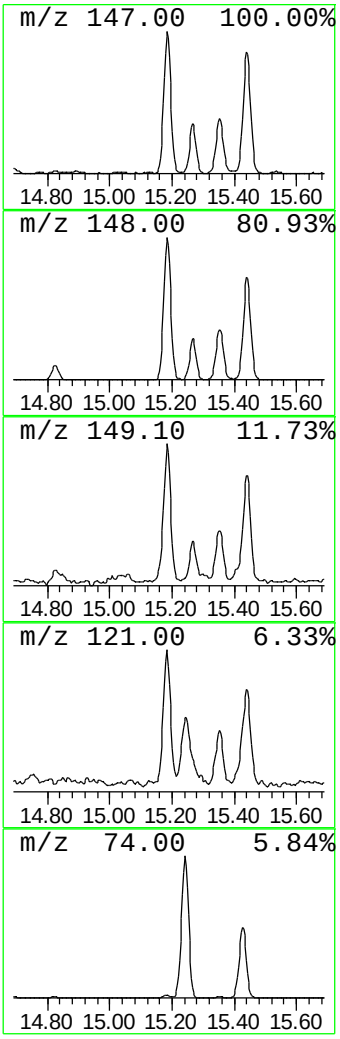
Peak Number 33 Benzo[b]thiophene, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	7.68 ug/L	134944	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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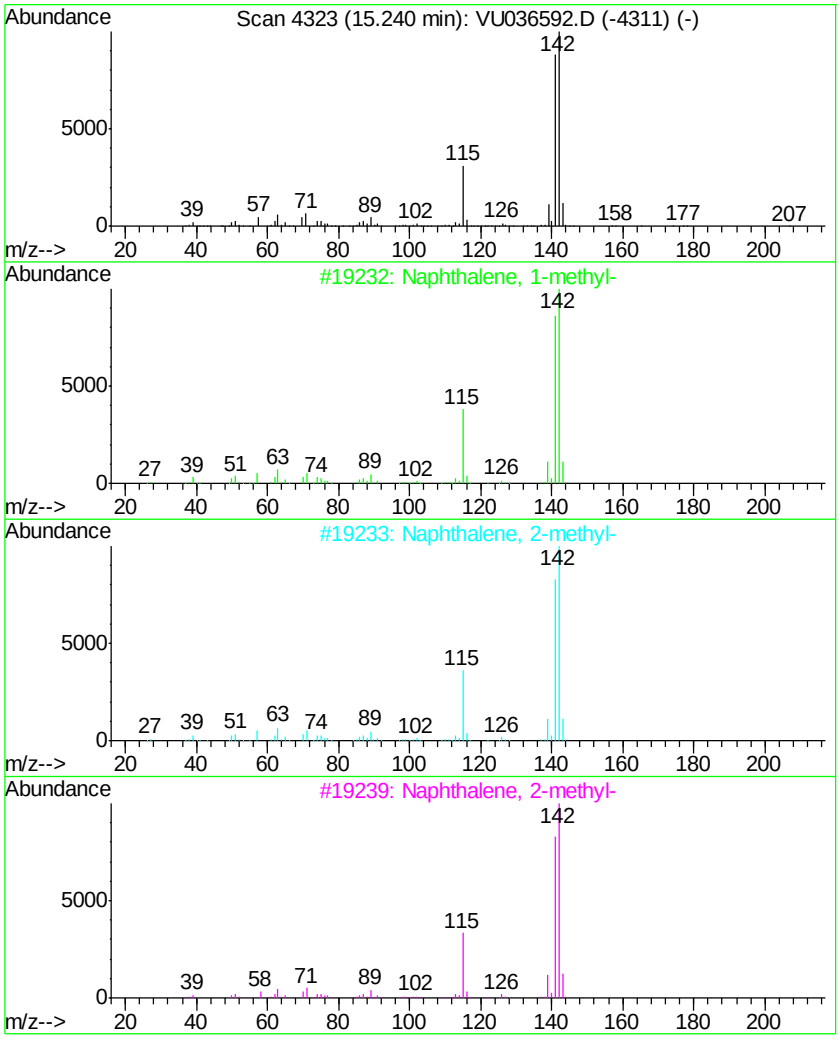
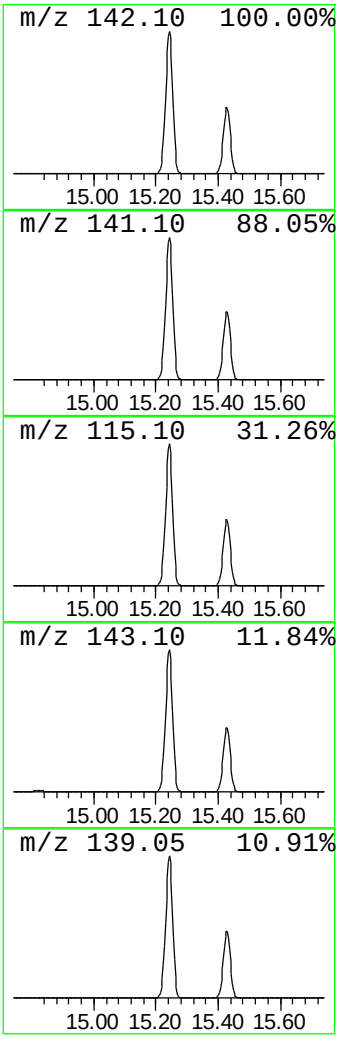
Peak Number 34 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	1425.78 ug/L	25055900	1,4-Dichlorobenzene-d4	11.83

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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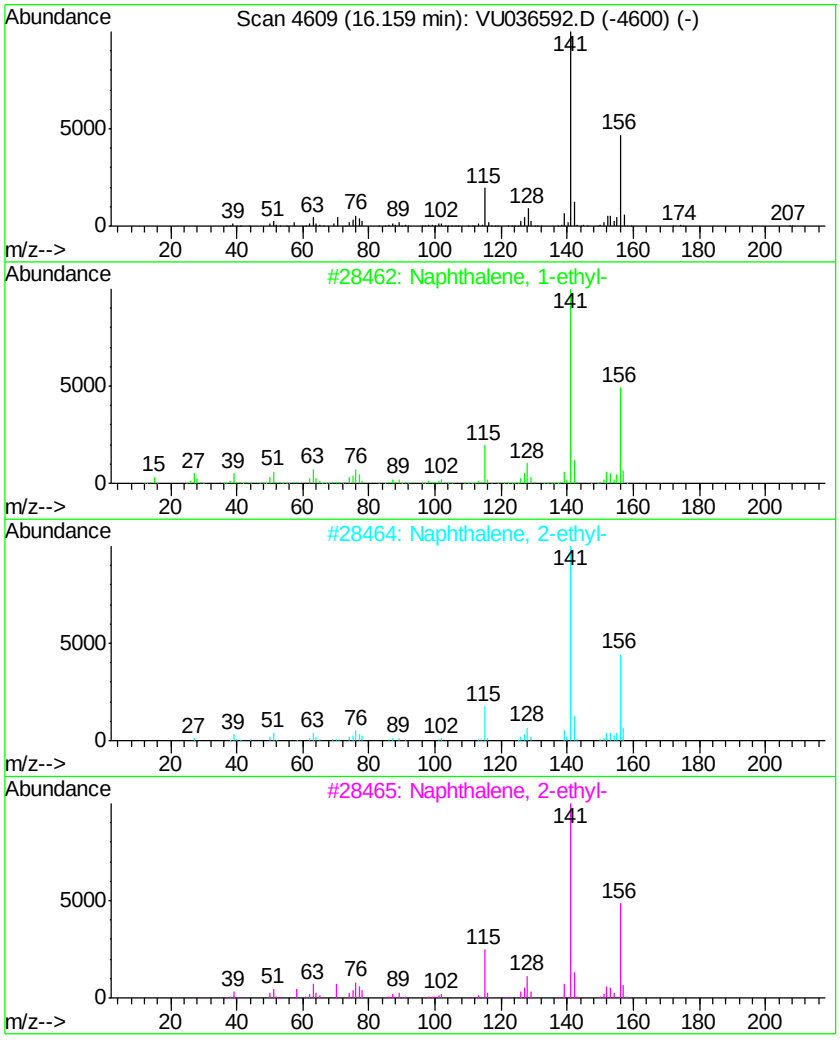
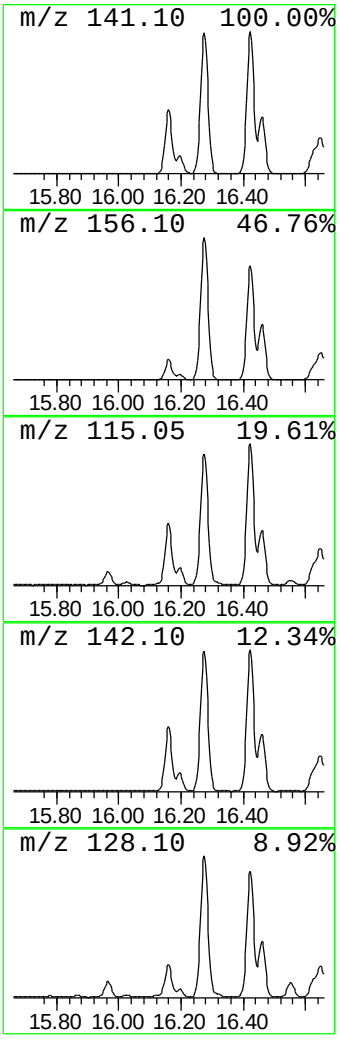
Peak Number 37 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	42.86 ug/L	753217	1,4-Dichlorobenzene-d4	11.83

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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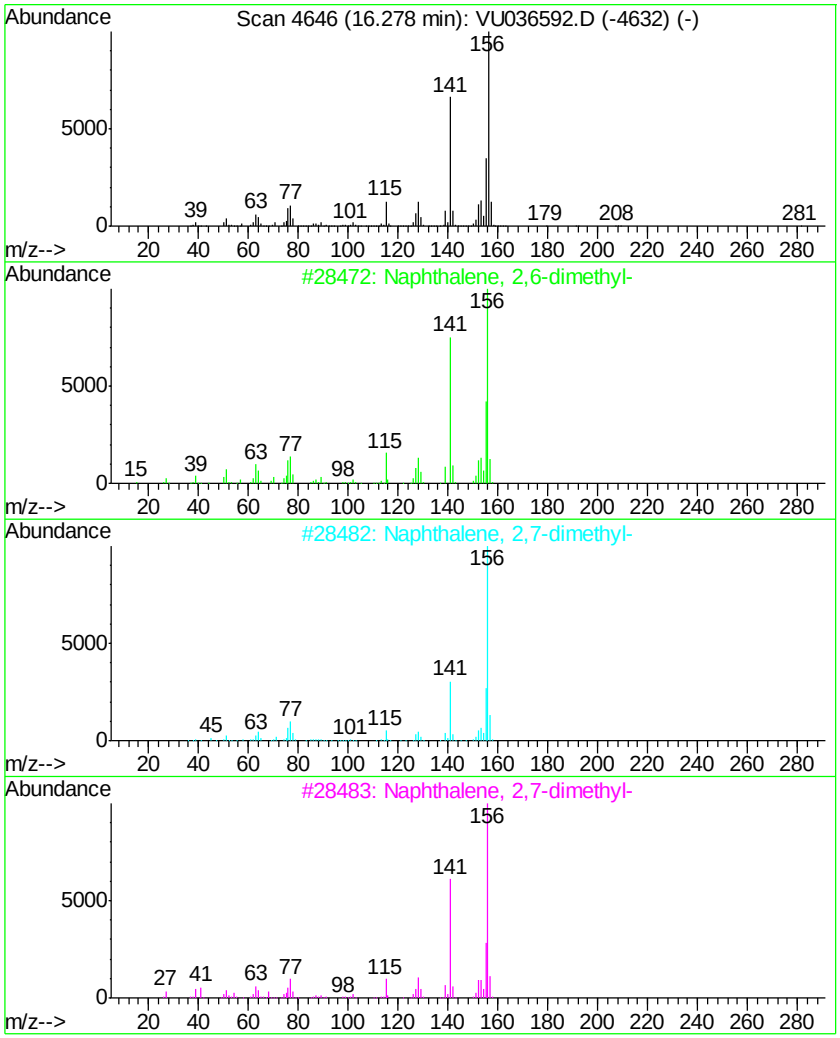
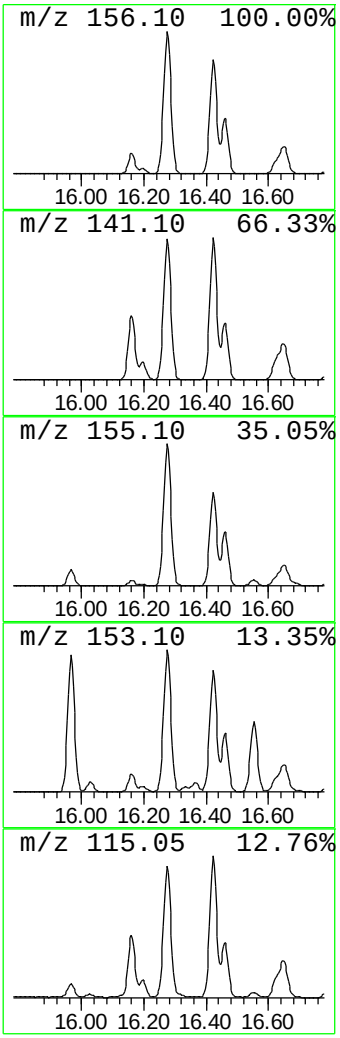
Peak Number 38 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	226.71 ug/L	3984120	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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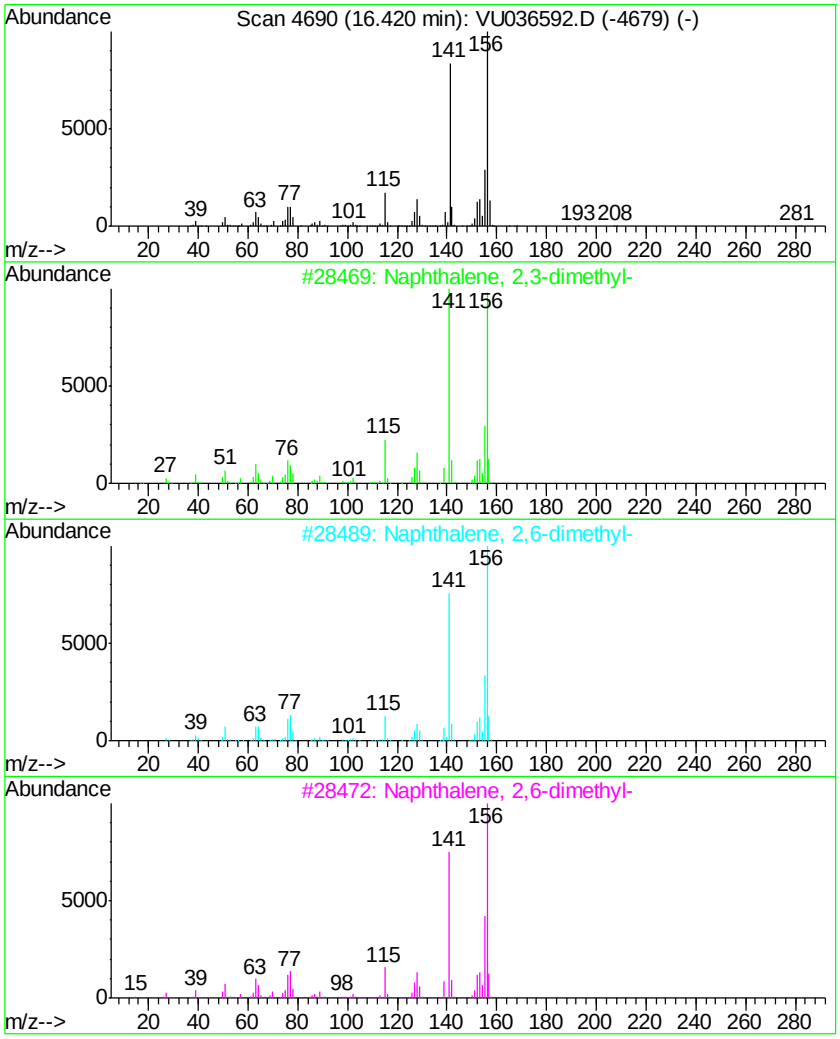
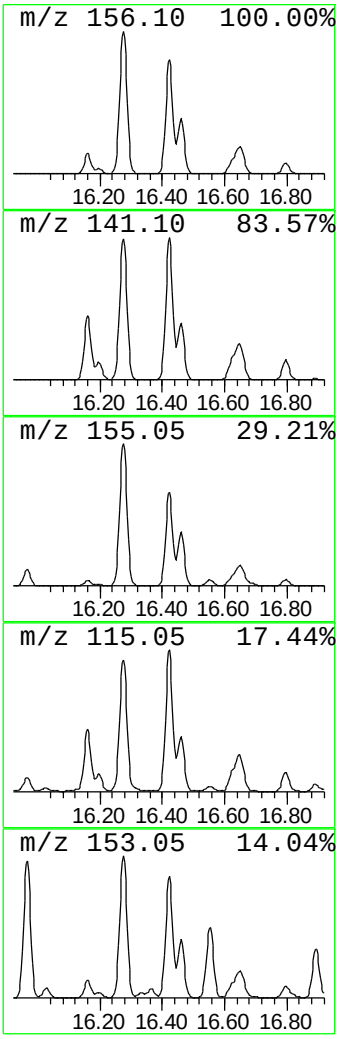
Peak Number 39 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	183.43 ug/L	3223540	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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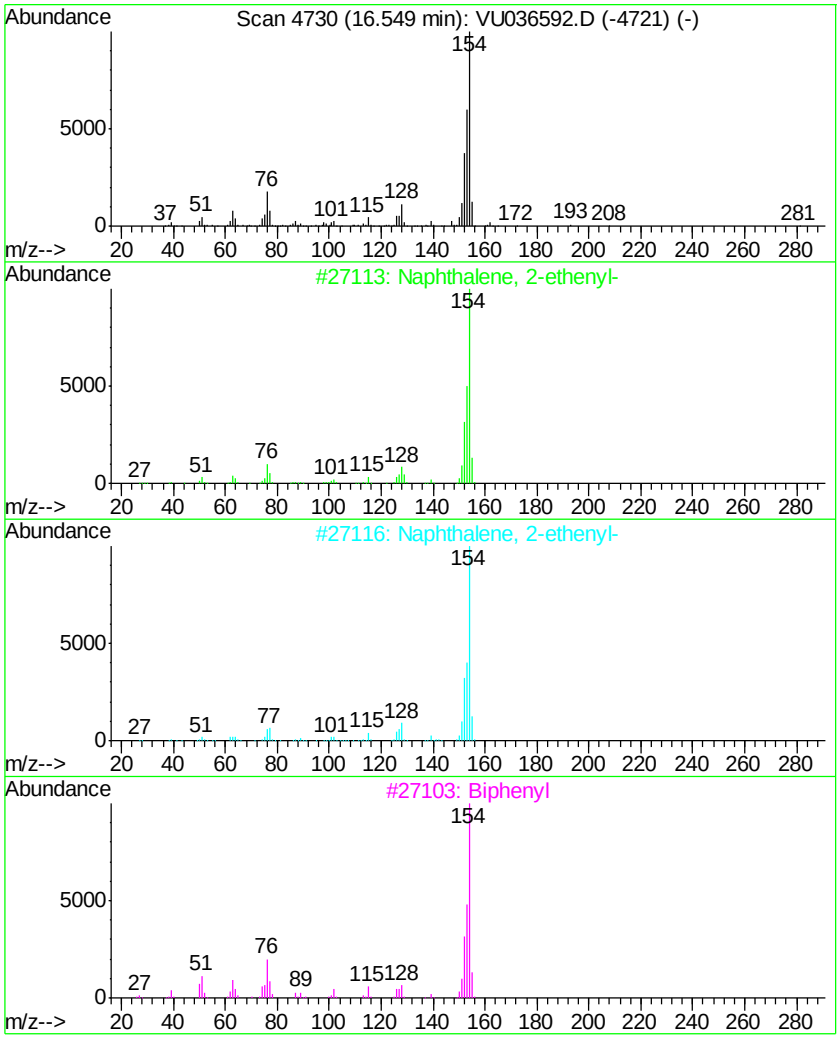
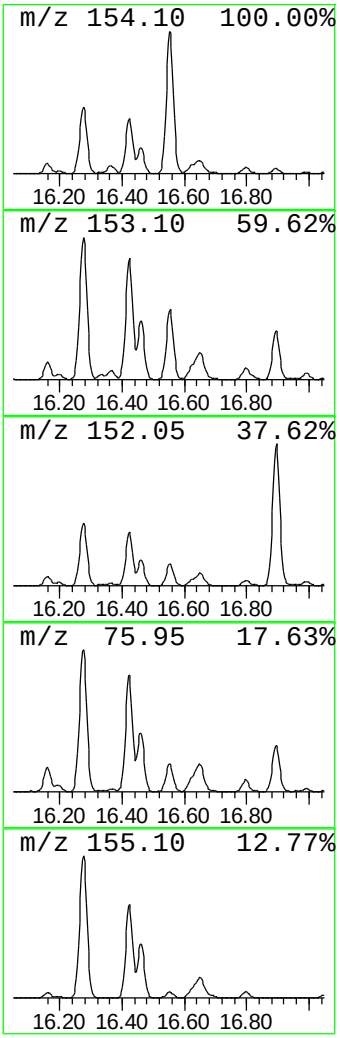
Peak Number 40 Naphthalene, 2-ethenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	21.79 ug/L	382926	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3	Biphenyl	154	C12H10	000092-52-4	93
4	Acenaphthene	154	C12H10	000083-32-9	81
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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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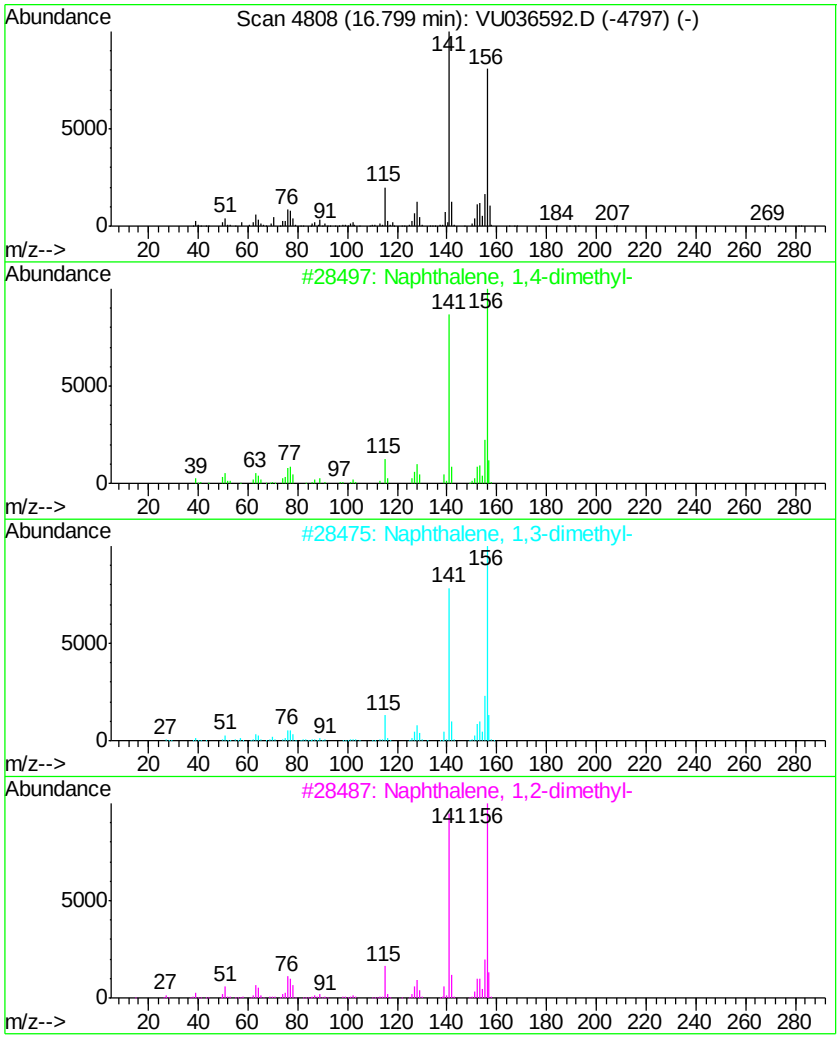
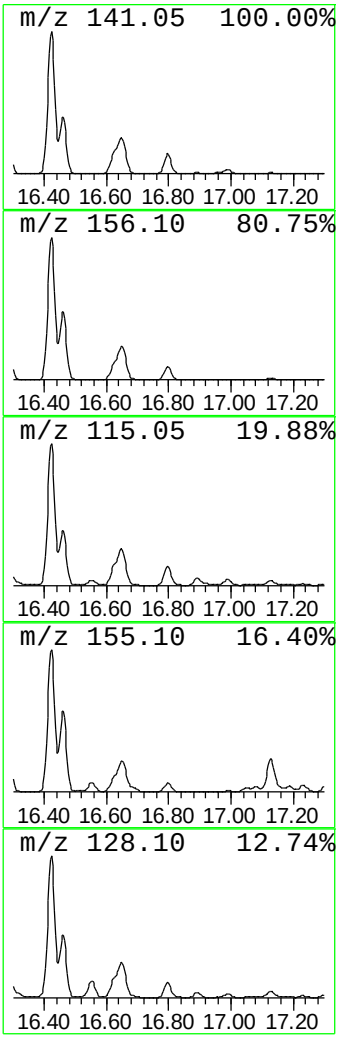
Peak Number 42 Naphthalene, 1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	21.14 ug/L	371479	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036592.D
Acq On : 29 Jan 2020 14:40
Operator : JC/MD
Sample : L1271-06 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ7

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, cyclopro...	10.85	3.1	ug/L	54025	3	11.83	878670	50.0
Benzene, propyl-	10.93	4.6	ug/L	80986	3	11.83	878670	50.0
Benzene, 1-ethyl-...	11.02	40.3	ug/L	708856	3	11.83	878670	50.0
Mesitylene	11.11	44.7	ug/L	786185	3	11.83	878670	50.0
Benzene, 1,2,3-tr...	11.49	143.8	ug/L	2527770	3	11.83	878670	50.0
Benzene, 1-etheny...	11.56	123.8	ug/L	2174960	3	11.83	878670	50.0
Benzene, 1-etheny...	11.61	36.4	ug/L	640367	3	11.83	878670	50.0
Benzene, 1-propenyl-	11.97	12.6	ug/L	221498	3	11.83	878670	50.0
Indane	12.11	25.6	ug/L	450491	3	11.83	878670	50.0
Indene	12.33	169.1	ug/L	2972200	3	11.83	878670	50.0
unknown-01	12.40	2.7	ug/L	48043	3	11.83	878670	50.0
o-Cymene	12.48	6.4	ug/L	112891	3	11.83	878670	50.0
Benzene, (2-methy...	12.56	8.2	ug/L	143915	3	11.83	878670	50.0
Benzene, 1-etheny...	12.64	14.7	ug/L	258218	3	11.83	878670	50.0
Benzene, 1-methyl...	12.76	43.7	ug/L	767476	3	11.83	878670	50.0
Benzene, 2-etheny...	12.83	10.4	ug/L	182892	3	11.83	878670	50.0
Benzofuran, 7-met...	12.94	3.0	ug/L	53204	3	11.83	878670	50.0
Benzene, 1,2,4,5-...	12.99	11.6	ug/L	203194	3	11.83	878670	50.0
Benzene, 4-etheny...	13.17	30.0	ug/L	527263	3	11.83	878670	50.0
Benzene, (1-methy...	13.54	68.0	ug/L	1195500	3	11.83	878670	50.0
1,4-Dihydronaphth...	13.65	129.4	ug/L	2274670	3	11.83	878670	50.0
(DEL) Alkane: Str...	14.46	8.5	ug/L	150162	3	11.83	878670	50.0
1H-Indene, 1,3-di...	14.69	13.9	ug/L	243673	3	11.83	878670	50.0
Bicyclo[4.4.1]und...	14.94	6.3	ug/L	109746	3	11.83	878670	50.0
Benzo[b]thiophene...	15.19	7.7	ug/L	134944	3	11.83	878670	50.0
Naphthalene, 1-me...	15.24	1425.8	ug/L	25055900	3	11.83	878670	50.0
Naphthalene, 1-et...	16.16	42.9	ug/L	753217	3	11.83	878670	50.0
Naphthalene, 2,6-...	16.28	226.7	ug/L	3984120	3	11.83	878670	50.0
Naphthalene, 2,3-...	16.42	183.4	ug/L	3223540	3	11.83	878670	50.0
Naphthalene, 2-et...	16.55	21.8	ug/L	382926	3	11.83	878670	50.0
Naphthalene, 1,4-...	16.80	21.1	ug/L	371479	3	11.83	878670	50.0