LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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	97	rBV	148014	154625	0.56%	0.172%
2	1.922	172	181	197	rVB	114561	151834	0.55%	0.169%
3	2.247	279	282	284	rBV3	948	483	0.00%	0.001%
4	2.591	377	389	404	rBV	220829	361178	1.32%	0.401%
5	2.719	426	429	436	rVB3	343	461	0.00%	0.001%
6	2.999	513	516	519	rVB	332	242	0.00%	0.000%
7	3.079	533	541	550	rBV2	1589	2868	0.01%	0.003%
8	3.224	575	586	600	rBV2	1265	3120	0.01%	0.003%
9	3.282	601	604	606	rBV	383	247	0.00%	0.000%
10	3.369	626	631	638	rBV2	266	411	0.00%	0.000%
11	3.520	672	678	680	rBV	341	273	0.00%	0.000%
12	3.948	808	811	815	rBV2	221	257	0.00%	0.000%
13	4.674	1021	1037	1062	rBV	106083	247684	0.90%	0.275%
14	5.108	1155	1172	1194	rBV	178375	388227	1.42%	0.431%
15	5.337	1236	1243	1248	rVB3	371	569	0.00%	0.001%
16	5.652	1339	1341	1346	rVB2	347	267	0.00%	0.000%
17	5.767	1355	1377	1386	rBV2	408691	1061939	3.88%	1.180%
18	6.147	1492	1495	1500	rBV2	266	345	0.00%	0.000%
19	6.288	1523	1539	1556	rBV	379730	707957	2.58%	0.787%
20	6.565	1618	1625	1633	rVV4	2348	3908	0.01%	0.004%
21	6.729	1659	1676	1694	rBV	242231	462021	1.69%	0.513%
22	6.838	1706	1710	1719	rVB3	728	878	0.00%	0.001%
23	7.214	1820	1827	1838	rBV4	1909	3031	0.01%	0.003%
24	7.597	1934	1946	1966	rBV	142596	248149	0.91%	0.276%
25	7.719	1977	1984	1991	rVB5	1519	2378	0.01%	0.003%
26	7.835	2013	2020	2028	rVB3	626	839	0.00%	0.001%
27	7.928	2035	2049	2061	rBV	540798	923524	3.37%	1.026%
28	7.999	2061	2071	2086	rVB	456284	763717	2.79%	0.849%
29	8.211	2124	2137	2150	rBV	100606	163971	0.60%	0.182%
30	8.298	2158	2164	2173	rBV2	917	1358	0.00%	0.002%
31	8.668	2266	2279	2311	rBV	361115	620053	2.26%	0.689%
32	9.079	2400	2407	2411	rVV2	814	680	0.00%	0.001%
33	9.356	2488	2493	2499	rBV3	571	524	0.00%	0.001%
34	9.443	2506	2520	2539	rBV	529219	865235	3.16%	0.962%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

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

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

35	9.597	2554	2568	2590	rBV	249298	391209	1.43%	0.435%
36	9.716	2590	2605	2639	rVB	1551422	2556229	9.33%	2.841%
37	9.889	2651	2659	2669	rBV4	1690	2610	0.01%	0.003%
38	10.079	2709	2718	2719	rVV2	1119	1220	0.00%	0.001%
39	10.124	2719	2732	2761	rVB	750716	1175012	4.29%	1.306%
40	10.275	2775	2779	2783	rVB	589	442	0.00%	0.000%
41	10.301	2783	2787	2792	rVV3	674	717	0.00%	0.001%
42	10.330	2792	2796	2797	rVV2	460	356	0.00%	0.000%
43	10.359	2800	2805	2806	rVV	507	464	0.00%	0.001%
44	10.369	2806	2808	2809	rVV	715	359	0.00%	0.000%
45	10.381	2809	2812	2818	rVB5	1144	1130	0.00%	0.001%
46	10.507	2842	2851	2859	rVV	9367	13143	0.05%	0.015%
47	10.584	2870	2875	2881	rBV4	707	683	0.00%	0.001%
48	10.619	2881	2886	2888	rBV2	1207	1171	0.00%	0.001%
49	10.719	2915	2917	2923	rVV3	664	441	0.00%	0.000%
50	10.780	2923	2936	2949	rVV	364002	572572	2.09%	0.636%
51	10.851	2949	2958	2969	rVB	26050	39070	0.14%	0.043%
52	10.928	2971	2982	2998	rBV	62102	94538	0.35%	0.105%
53	11.018	2998	3010	3028	rVV	300671	652606	2.38%	0.725%
54	11.108	3030	3038	3057	rVB	331467	527760	1.93%	0.586%
55	11.314	3090	3102	3115	rBV	97820	154419	0.56%	0.172%
56	11.385	3120	3124	3132	rVB5	1009	1548	0.01%	0.002%
57	11.487	3132	3156	3171	rBV	1133300	1746704	6.38%	1.941%
58	11.555	3171	3177	3186	rVB3	4531	6000	0.02%	0.007%
59	11.606	3187	3193	3196	rBV5	1843	2268	0.01%	0.003%
60	11.664	3204	3211	3223	rVB8	8383	13153	0.05%	0.015%
61	11.758	3223	3240	3250	rBV4	22007	46137	0.17%	0.051%
62	11.832	3250	3263	3275	rVV	584562	944581	3.45%	1.050%
63	11.915	3279	3289	3298	rVV	343840	542715	1.98%	0.603%
64	11.967	3298	3305	3315	rVB	75547	109904	0.40%	0.122%
65	12.114	3337	3351	3358	rBV	185708	333632	1.22%	0.371%
66	12.211	3369	3381	3394	rVB2	687092	1131998	4.13%	1.258%
67	12.333	3395	3419	3432	rBV2	405298	718510	2.62%	0.798%
68	12.394	3432	3438	3453	rVB2	19935	35429	0.13%	0.039%
69	12.484	3456	3466	3470	rBV	66777	101713	0.37%	0.113%
70	12.587	3489	3498	3506	rBV	117590	181909	0.66%	0.202%
71	12.632	3507	3512	3522	rVB	28195	39102	0.14%	0.043%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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	12.896	3587	3594	3602	rVB	27795	37779	0.14%	0.042%
73	12.944	3603	3609	3615	rVV4	22752	36241	0.13%	0.040%
74	12.989	3615	3623	3631	rVV	131927	199323	0.73%	0.222%
75	13.044	3631	3640	3657	rVB	240740	405450	1.48%	0.451%
76	13.311	3714	3723	3733	rVB3	77965	129749	0.47%	0.144%
77	13.372	3736	3742	3747	rBV3	17730	23856	0.09%	0.027%
78	13.465	3758	3771	3785	rVV4	282917	658740	2.40%	0.732%
79	13.536	3786	3793	3802	rVB	121417	175400	0.64%	0.195%
80	13.645	3818	3827	3849	rVB2	286322	506719	1.85%	0.563%
81	13.745	3851	3858	3868	rVV2	41231	65110	0.24%	0.072%
82	13.854	3885	3892	3914	rBV5	45948	104421	0.38%	0.116%
83	14.108	3957	3971	3989	rVB	16814236	27396757	100.00%	30.445%
84	14.462	4075	4081	4088	rBV	89934	115382	0.42%	0.128%
85	15.185	4298	4306	4310	rBV	75889	110766	0.40%	0.123%
86	15.243	4311	4324	4348	rVB	14444941	23011975	84.00%	25.573%
87	15.352	4352	4358	4367	rVV	45252	69031	0.25%	0.077%
88	15.426	4368	4381	4403	rVB	5577253	8987959	32.81%	9.988%
89	15.963	4538	4548	4558	rBV	354156	545191	1.99%	0.606%
90	16.159	4600	4609	4616	rBV	444314	661484	2.41%	0.735%
91	16.275	4632	4645	4670	rVB	1847124	3172916	11.58%	3.526%
92	16.420	4679	4690	4697	rBV	1462949	2340099	8.54%	2.600%
93	16.552	4724	4731	4741	rVB2	27898	46341	0.17%	0.051%
94	16.648	4744	4761	4781	rVB	354328	899442	3.28%	1.000%
95	16.796	4797	4807	4826	rBV	163972	267812	0.98%	0.298%
96	16.892	4827	4837	4849	rBV	172699	282104	1.03%	0.313%
97	16.989	4861	4867	4878	rVB2	73750	112308	0.41%	0.125%
98	17.388	4984	4991	5014	rVB4	74586	168906	0.62%	0.188%
99	17.548	5035	5041	5052	rVB2	50277	82601	0.30%	0.092%
100	17.616	5054	5062	5072	rBV	51557	88225	0.32%	0.098%

Sum of corrected areas: 89986794

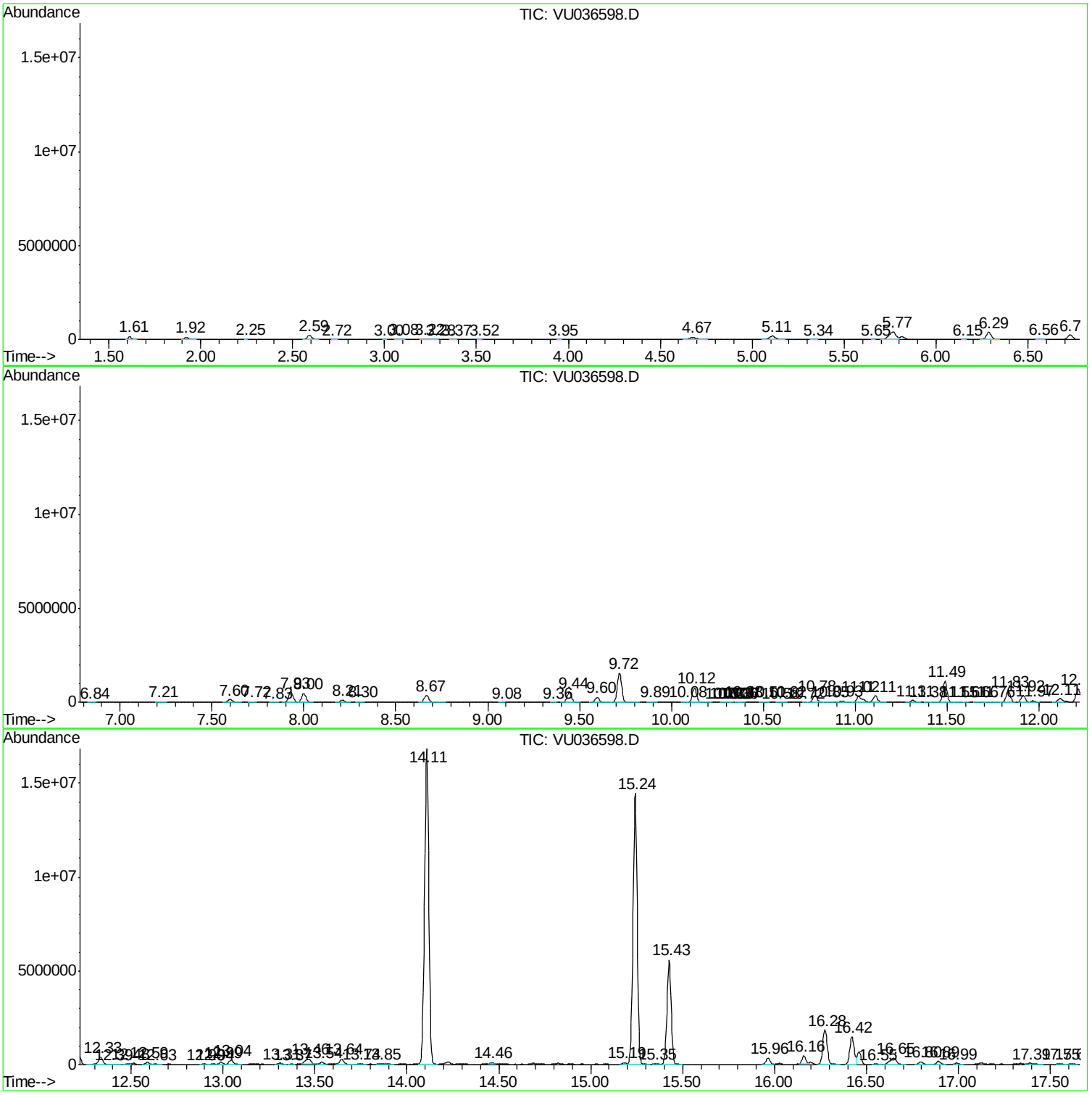
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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 : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

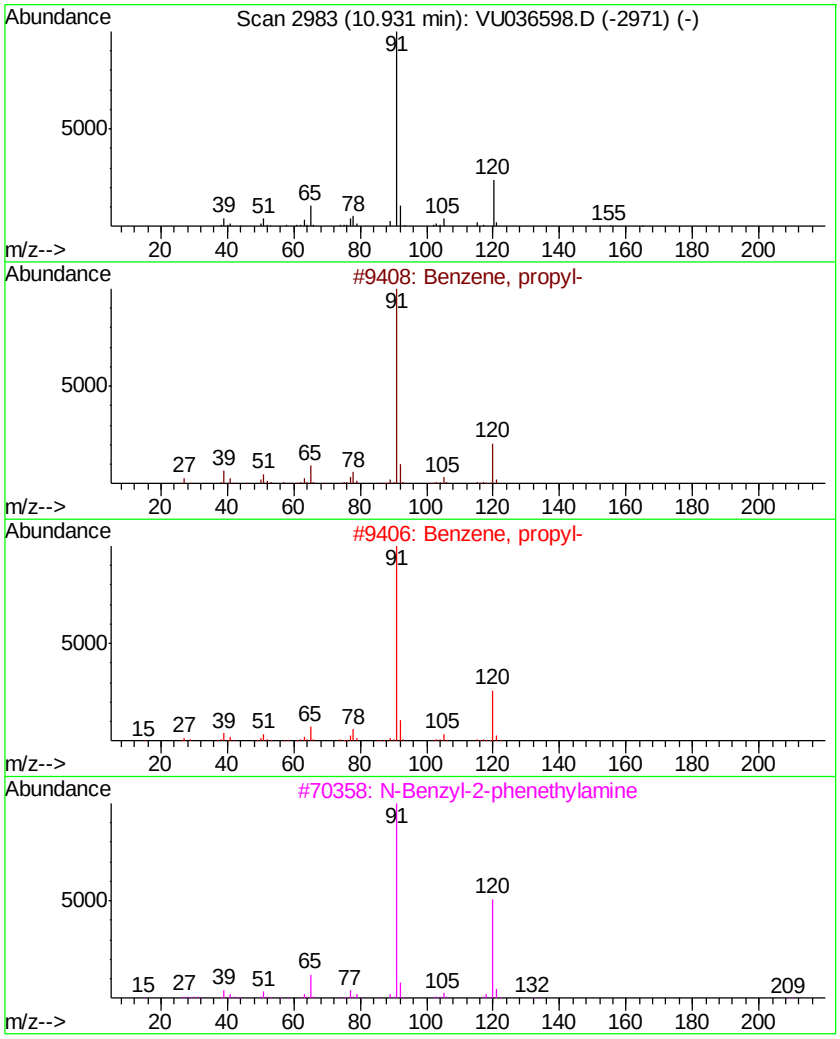
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

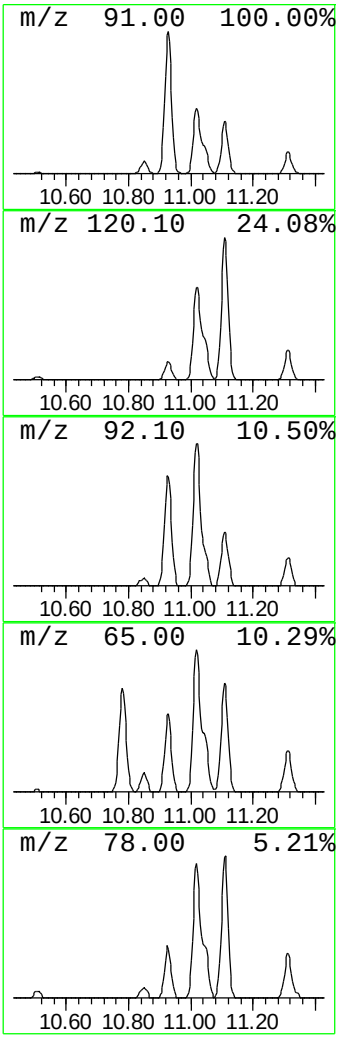
****

Peak Number 2 Benzene, propyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	5.00 ug/L	94538	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	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	72





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

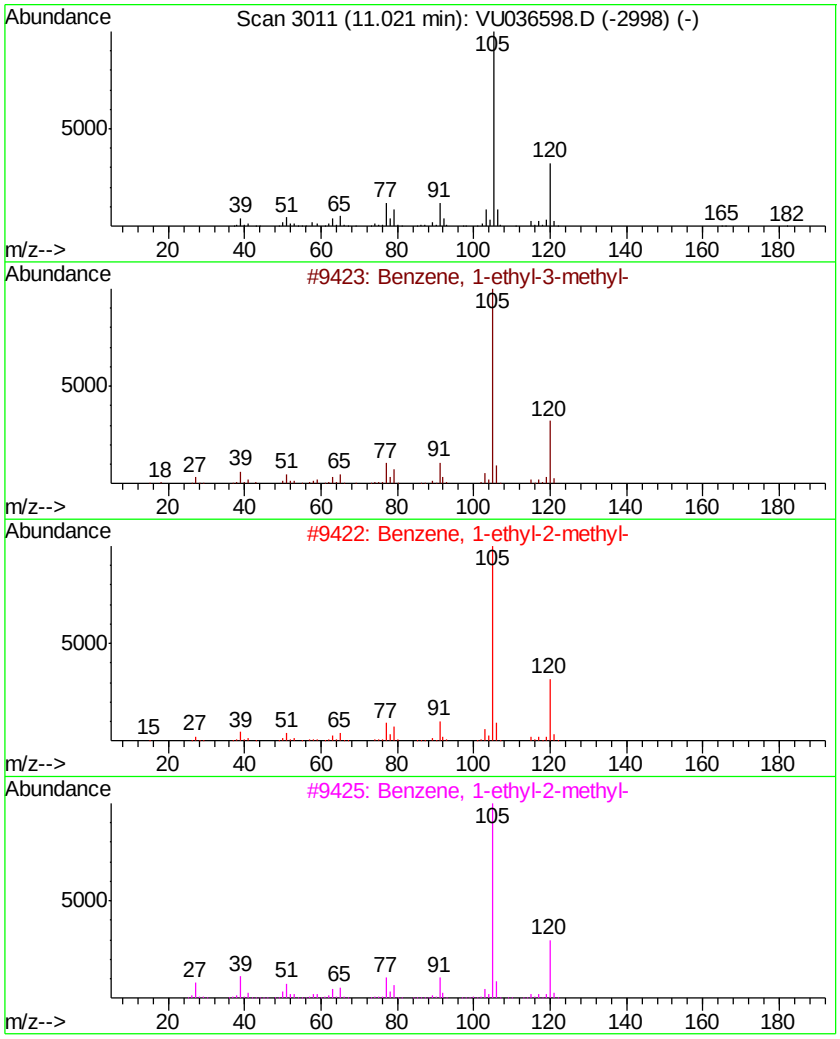
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

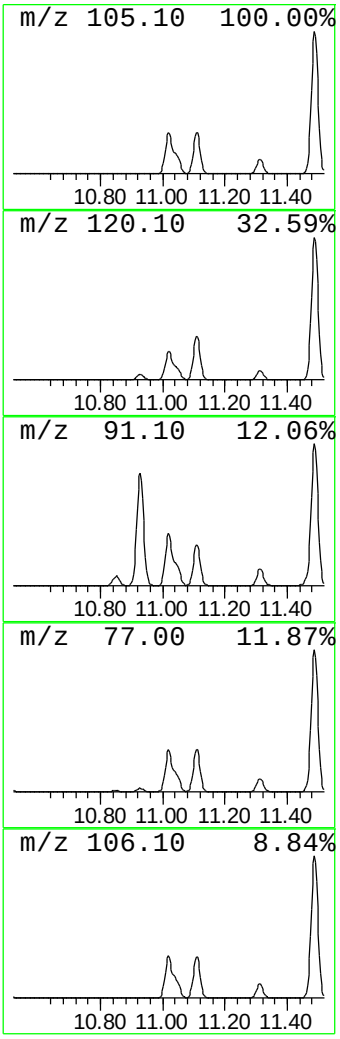
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	34.54 ug/L	652606	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

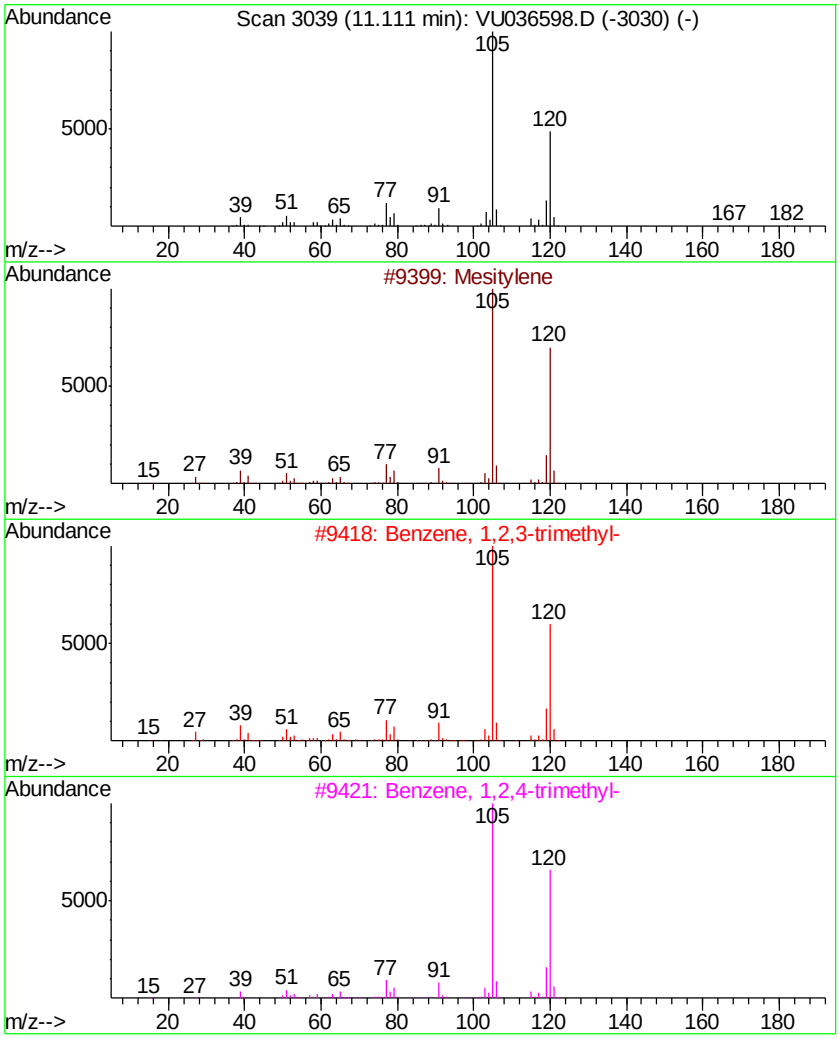
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

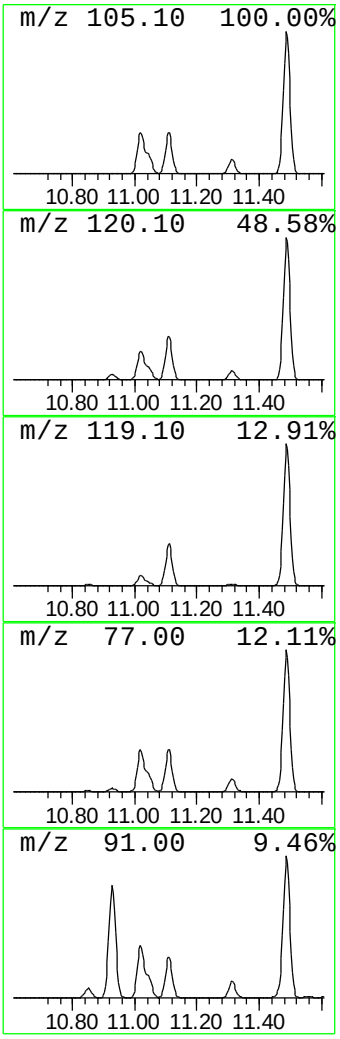
****

Peak Number 4 Mesitylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	27.94 ug/L	527760	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

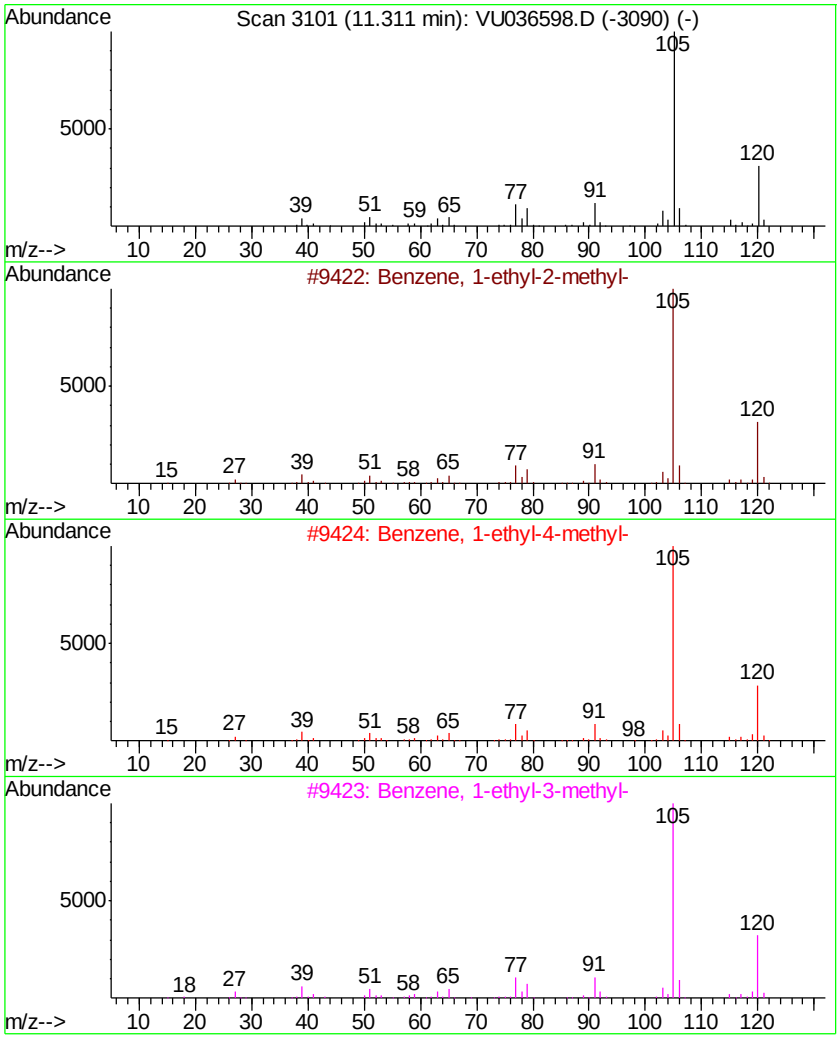
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

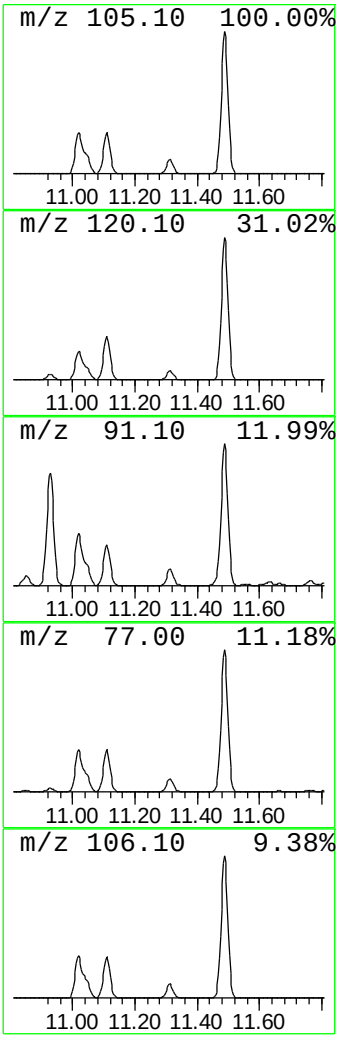
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	8.17 ug/L	154419	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	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

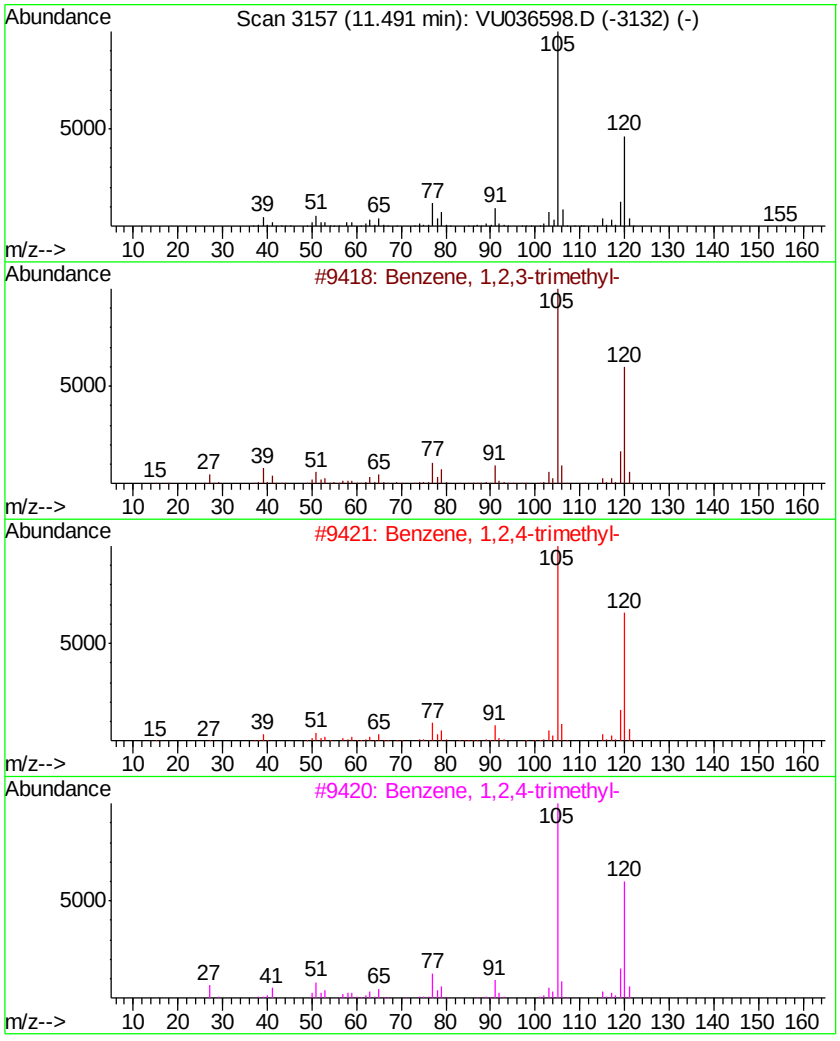
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

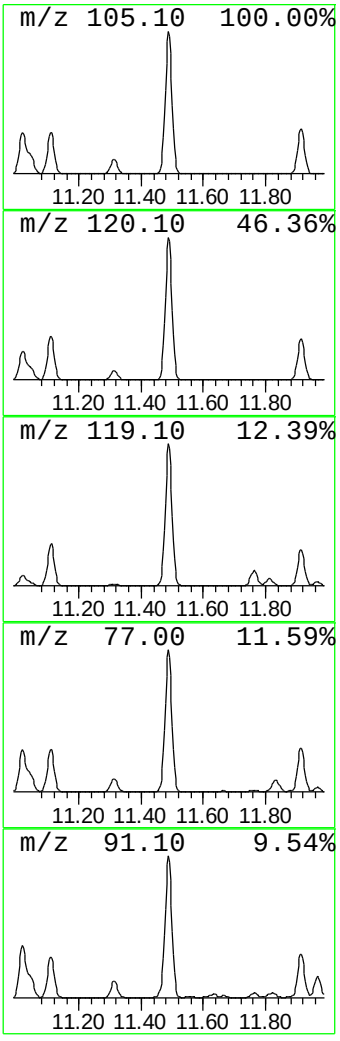
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	92.46 ug/L	1746700	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-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

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

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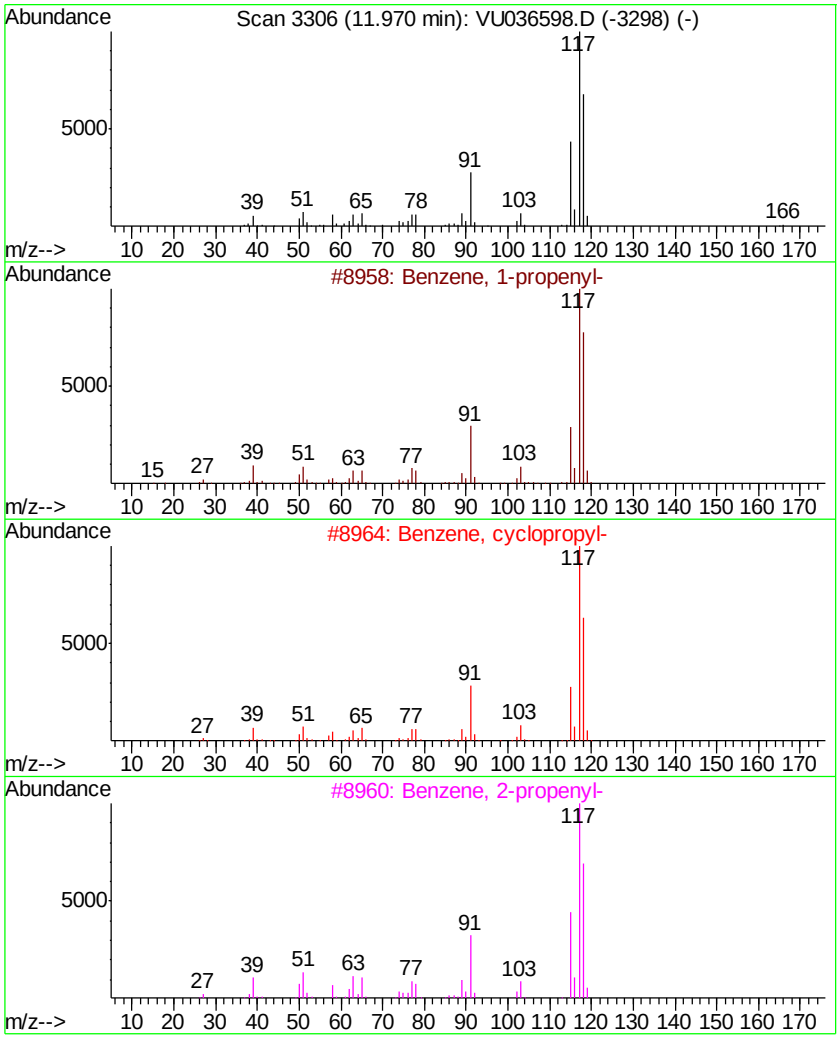
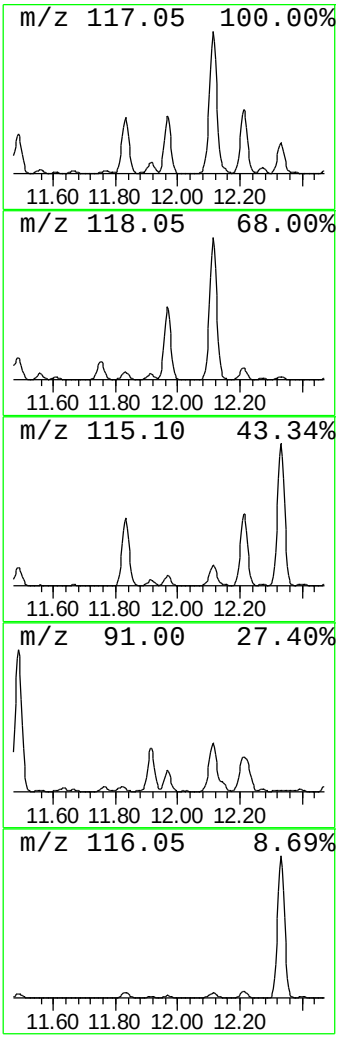
Peak Number 8 Benzene, 1-propenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.82 ug/L	109904	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	89





Library Search Compound Report

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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

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

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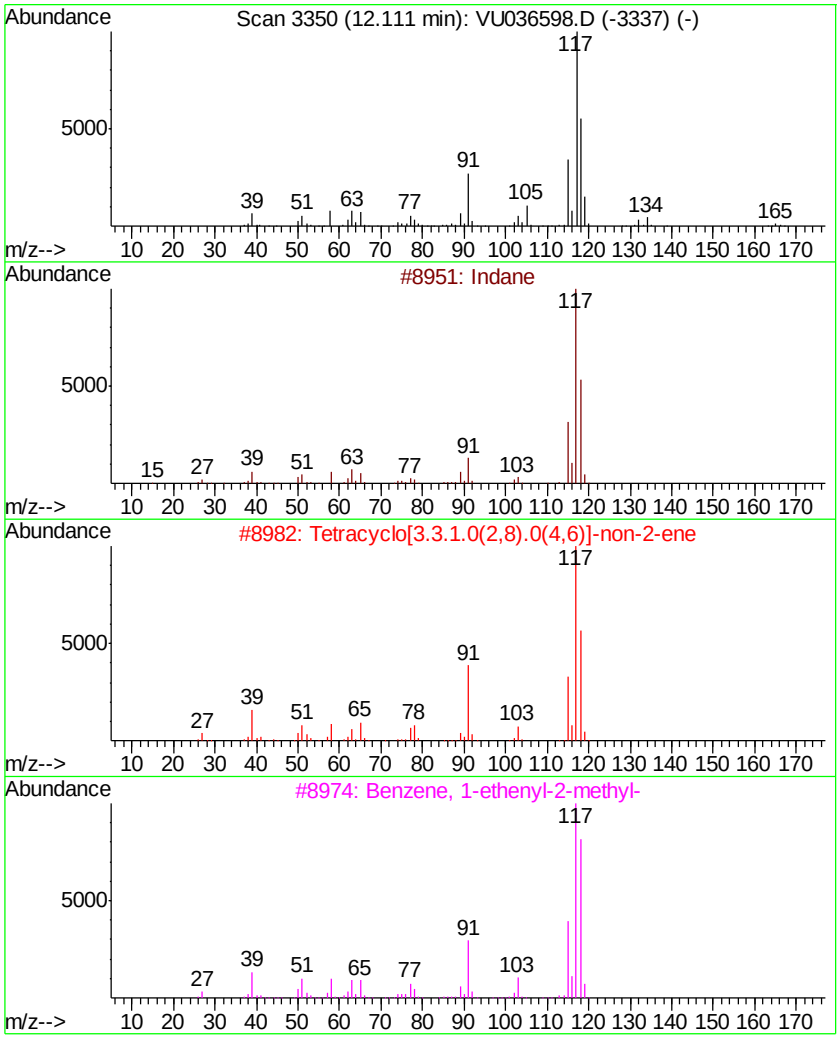
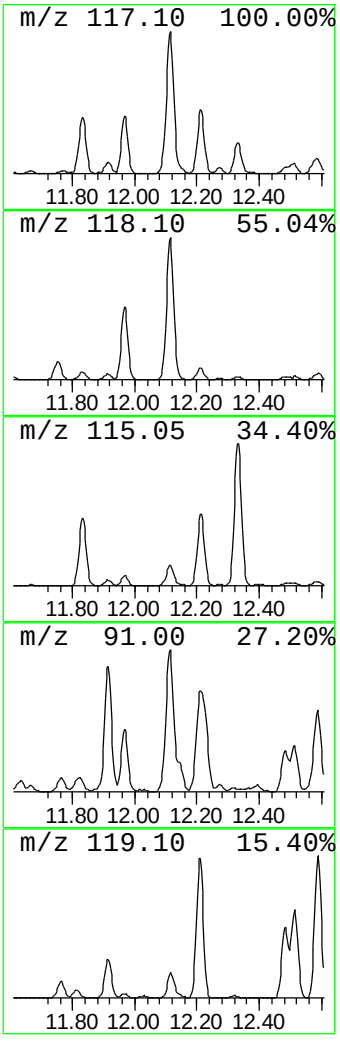
Peak Number 9 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	17.66 ug/L	333632	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	70
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





Library Search Compound Report

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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

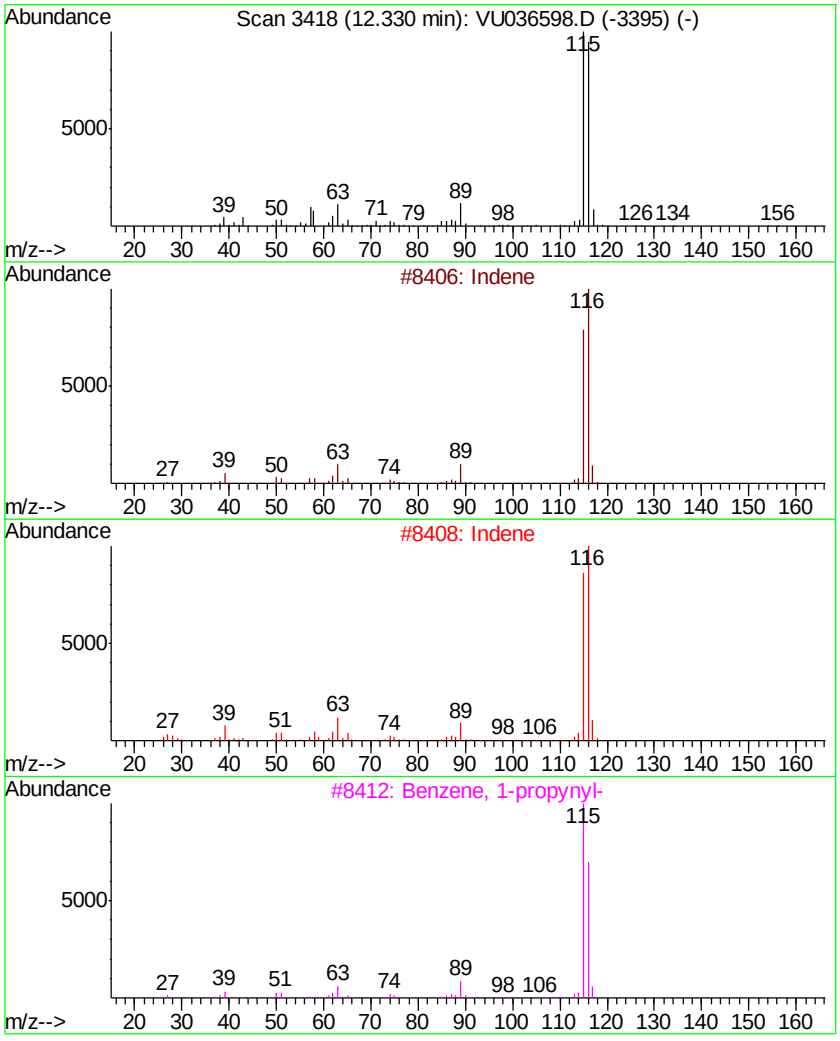
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

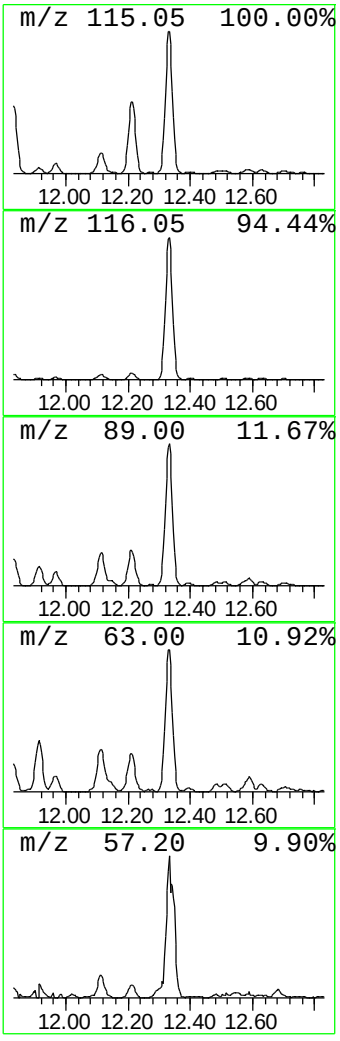
****

Peak Number 10 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	38.03 ug/L	718510	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
4	Indene	116	C9H8	000095-13-6	92
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





Library Search Compound Report

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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

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

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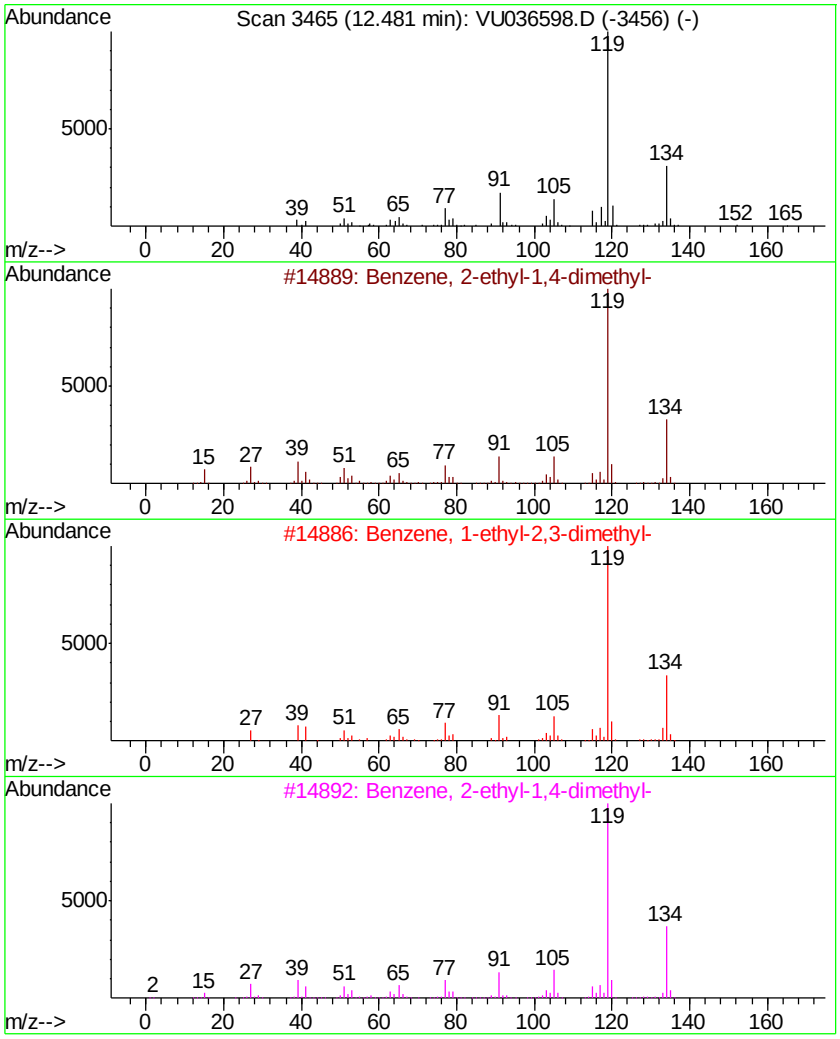
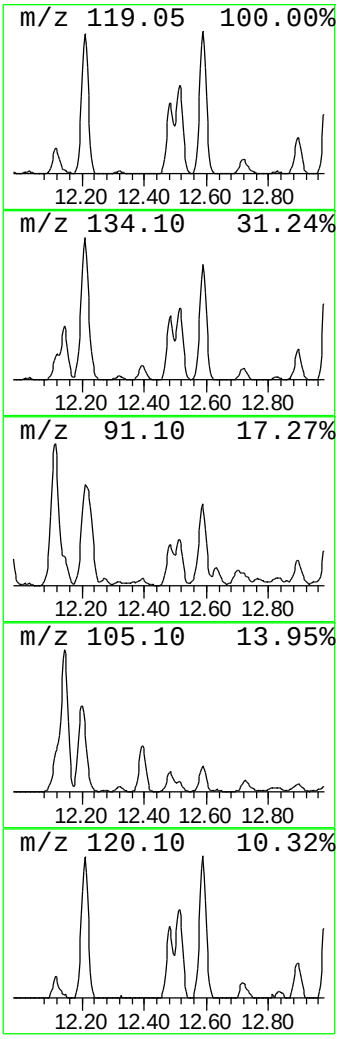
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	5.38 ug/L	101713	1,4-Dichlorobenzene-d4	11.83

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





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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

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

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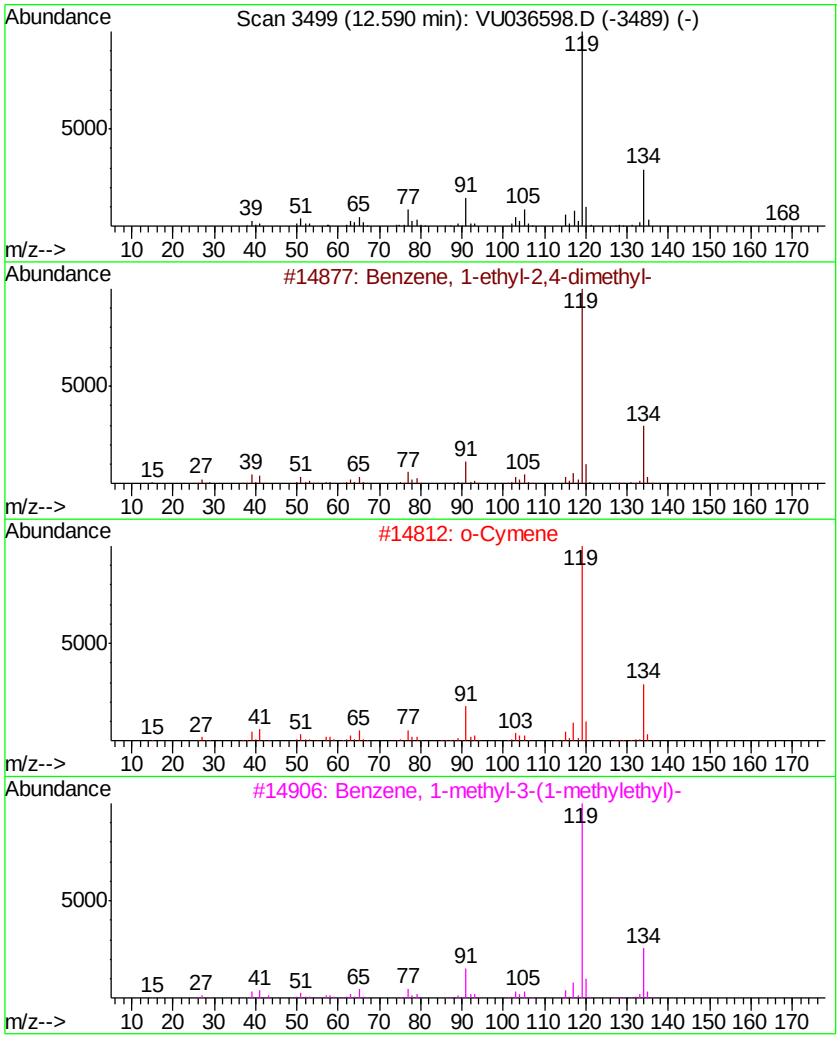
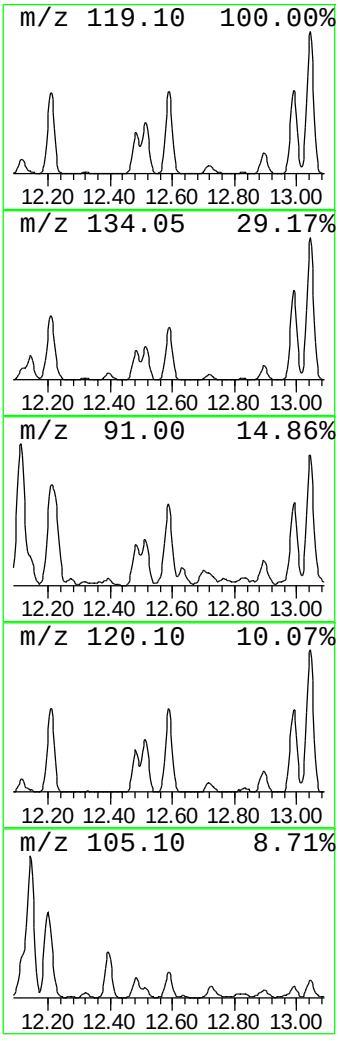
Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	9.63 ug/L	181909	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Library Search Compound Report

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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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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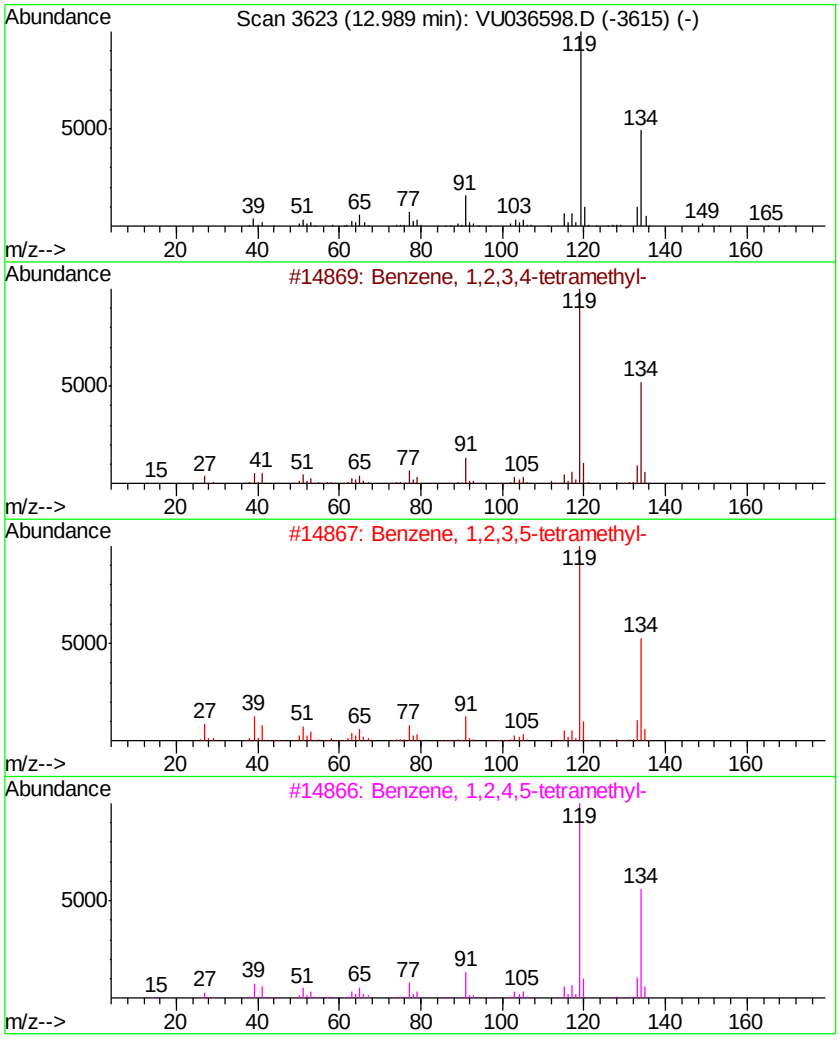
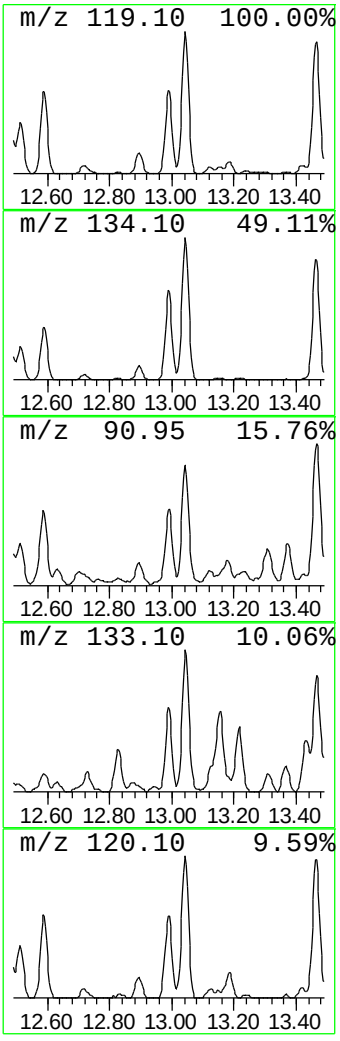
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	10.55 ug/L	199323	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	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





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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

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

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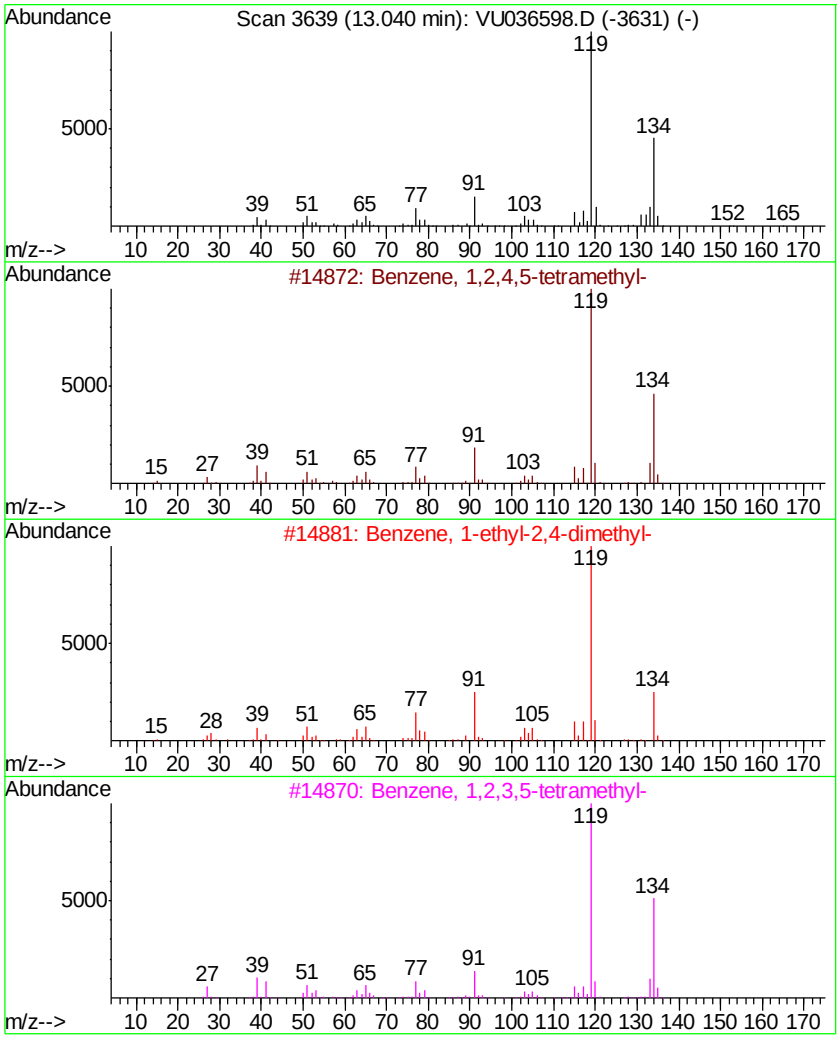
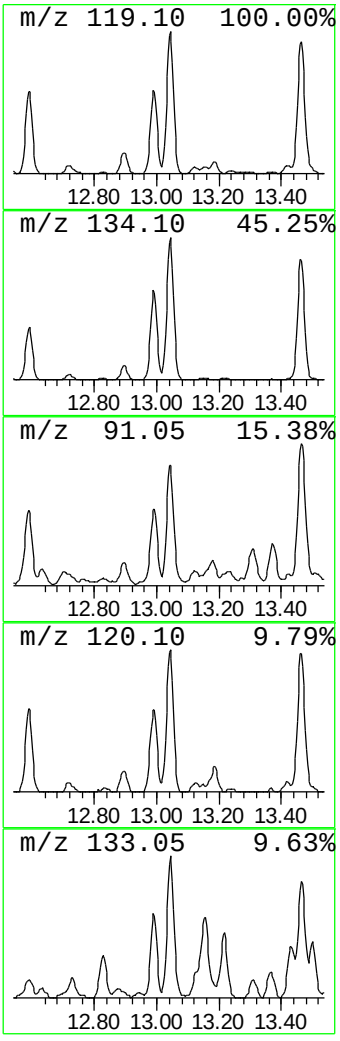
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	21.46 ug/L	405450	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	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94





Library Search Compound Report

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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

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

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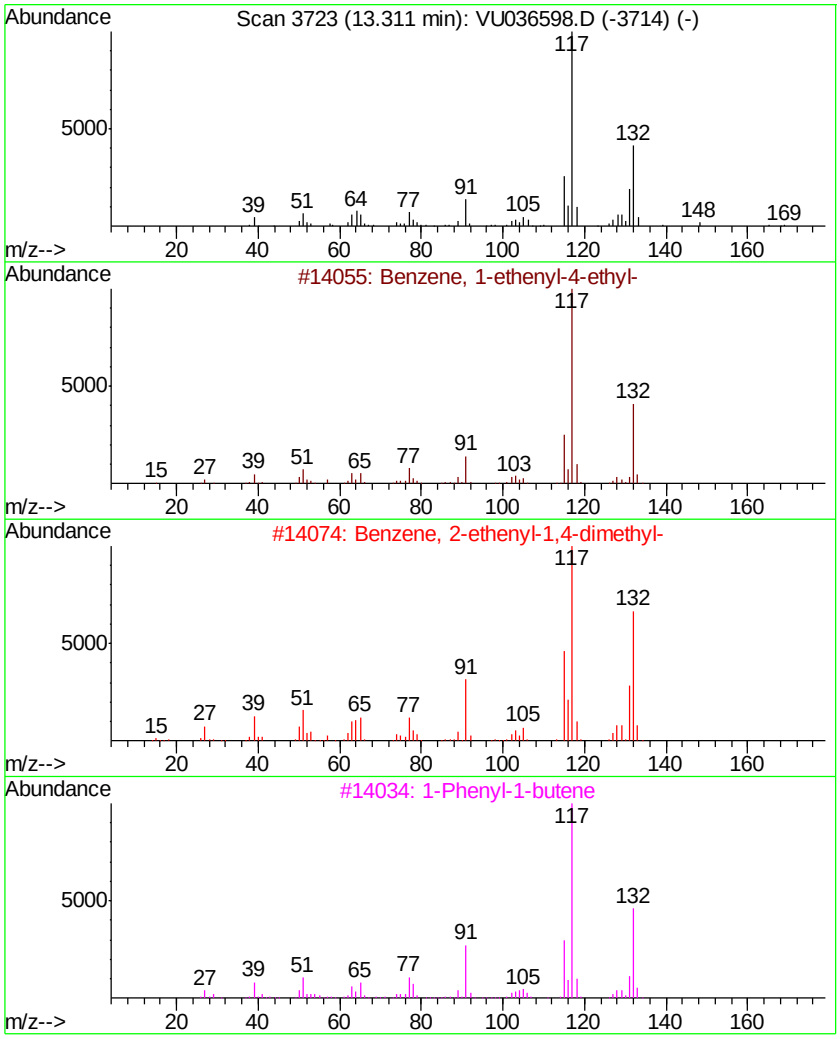
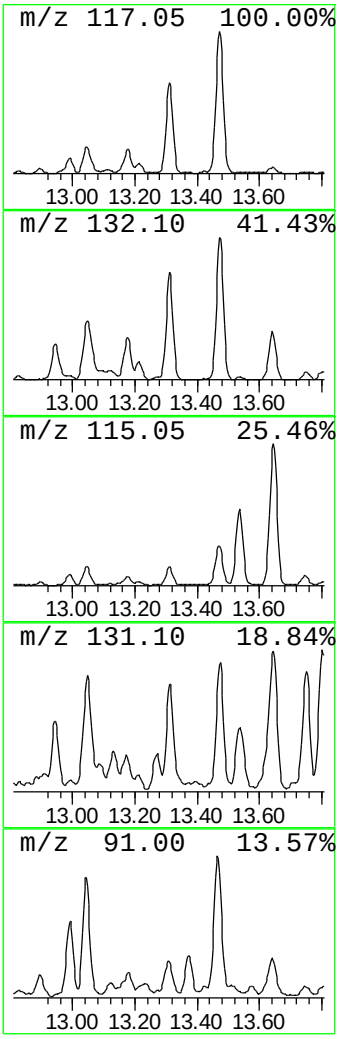
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	6.87 ug/L	129749	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90





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Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

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

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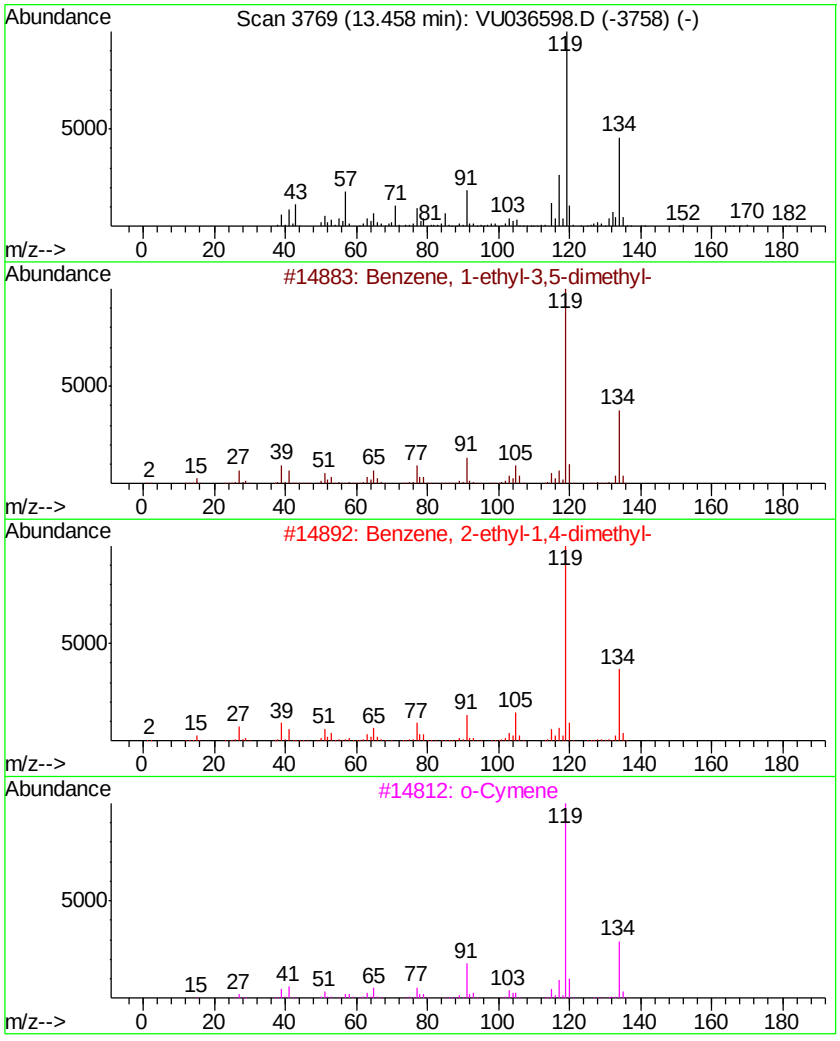
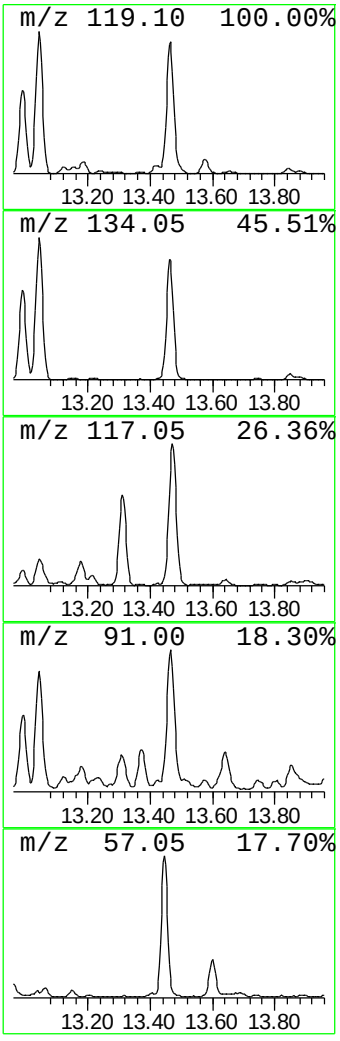
Peak Number 16 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	34.87 ug/L	658740	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
3	o-Cymene	134	C10H14	000527-84-4	70
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70





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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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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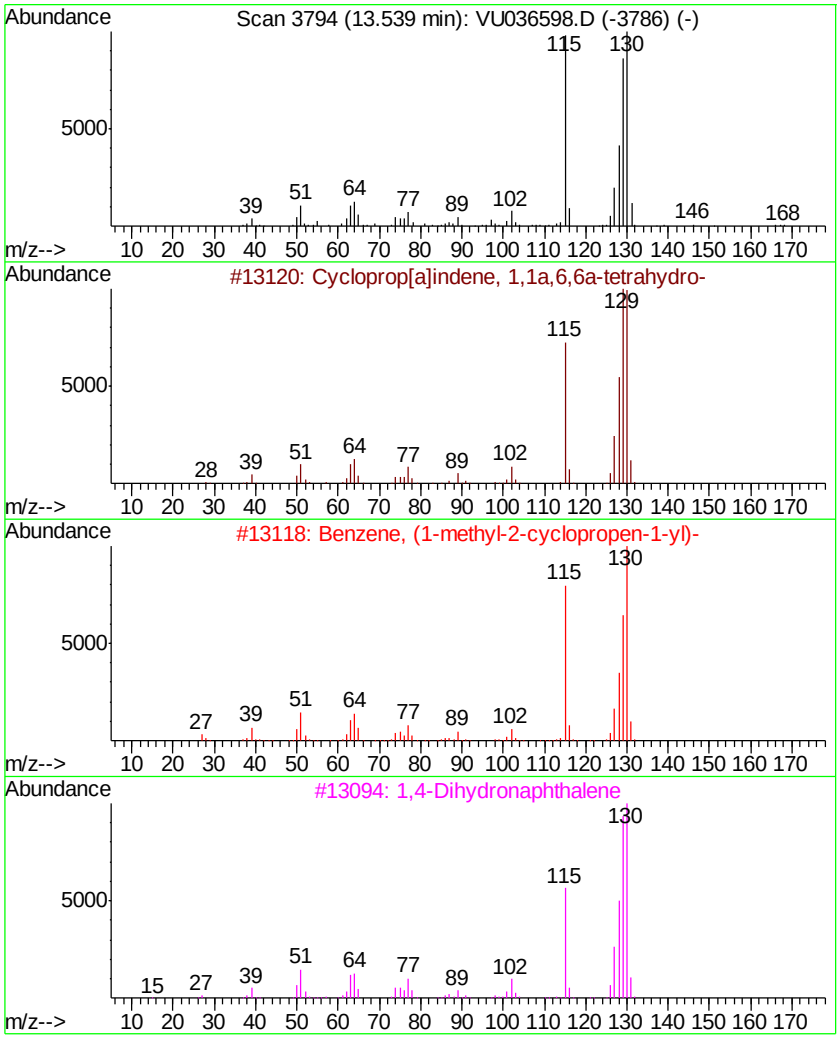
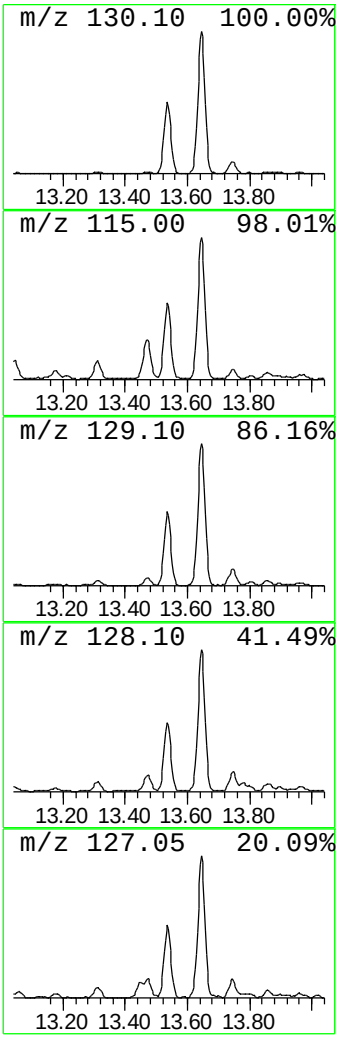
Peak Number 17 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	9.28 ug/L	175400	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
4	2-Methylindene	130	C10H10	002177-47-1	93
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91





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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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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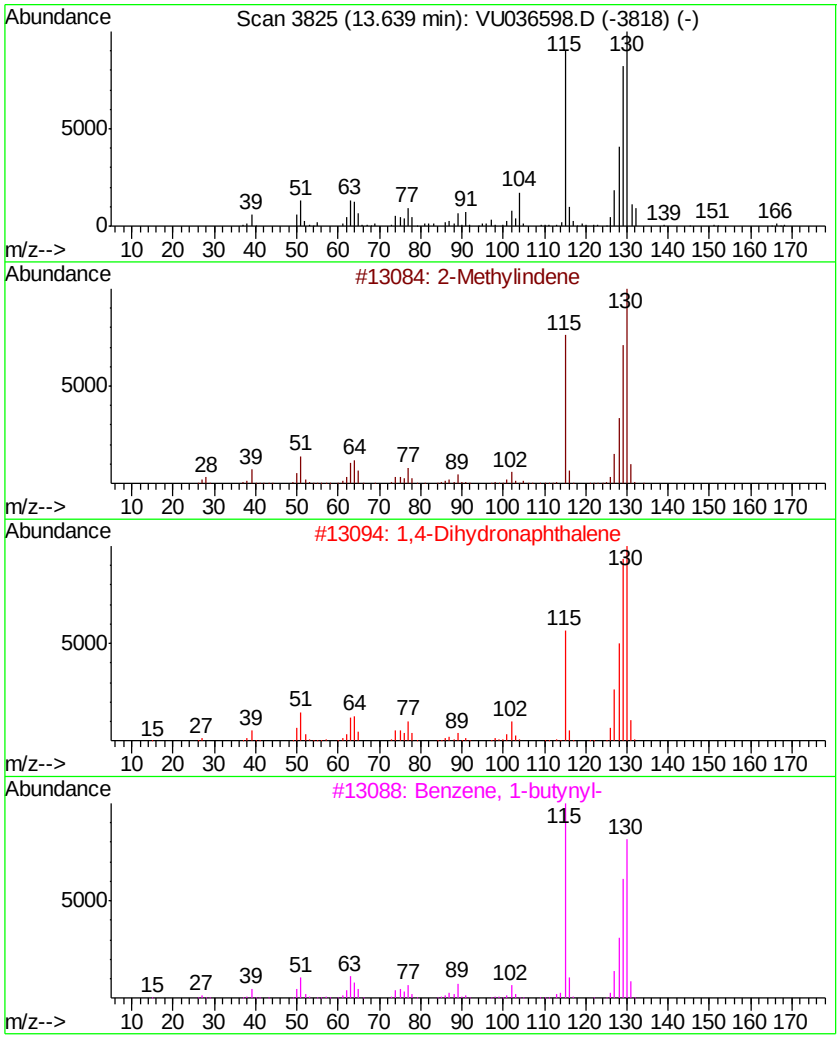
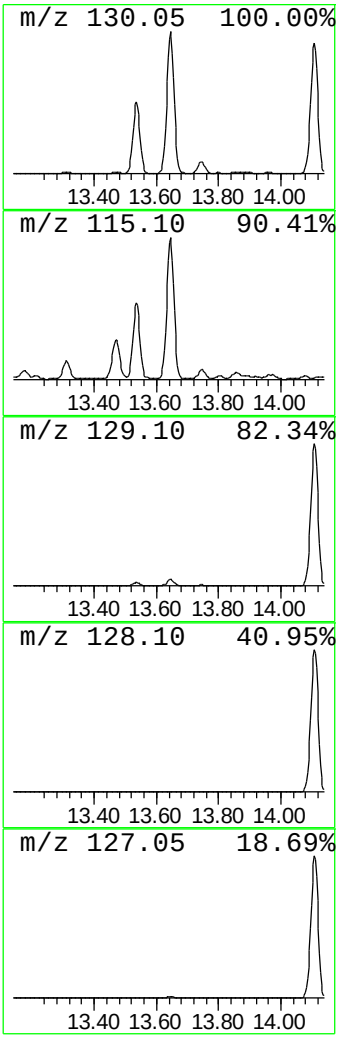
Peak Number 18 2-Methylindene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	26.82 ug/L	506719	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

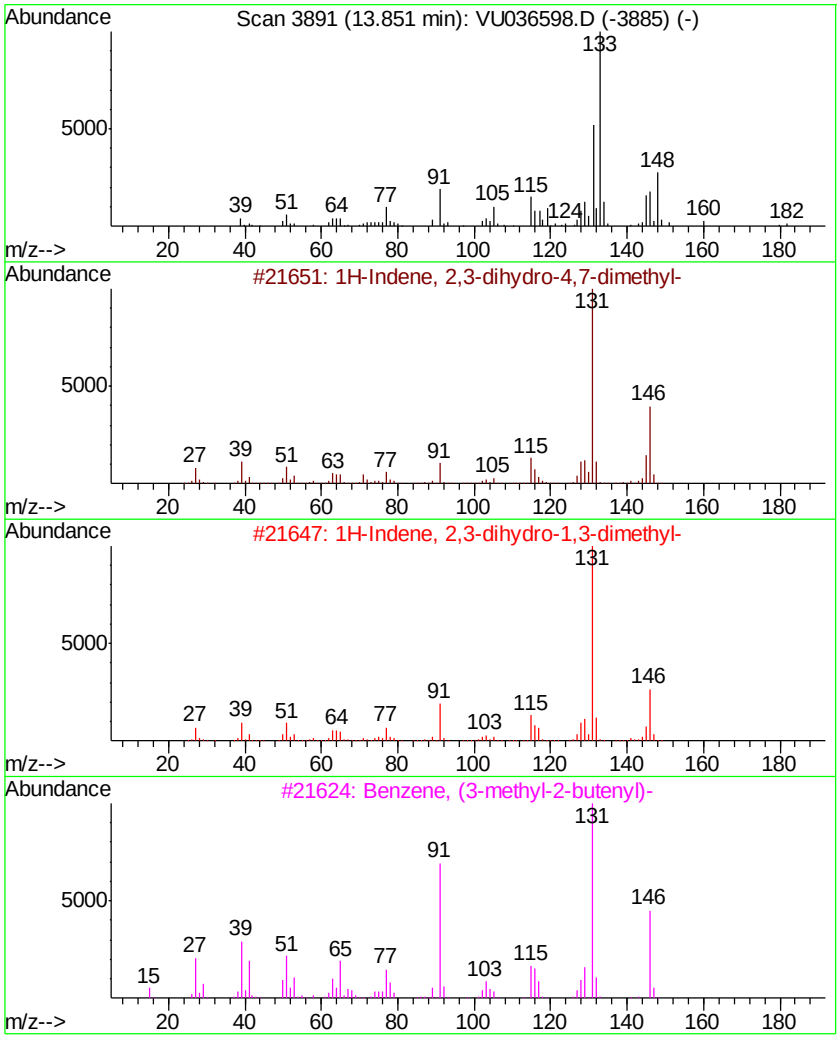
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

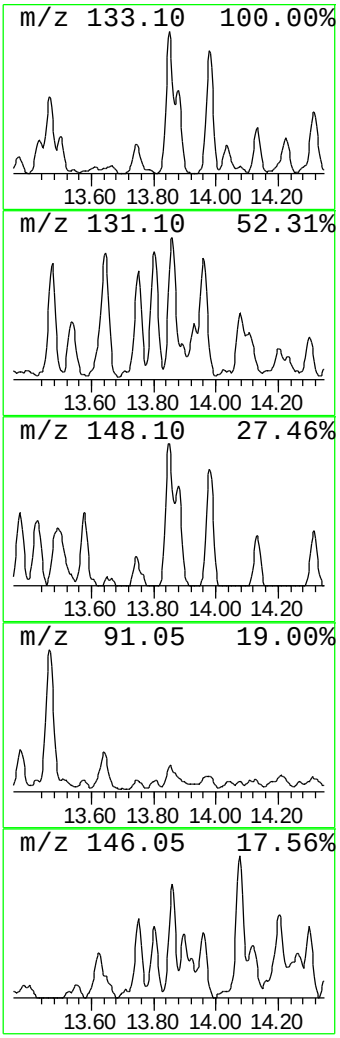
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.53 ug/L	104421	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50





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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

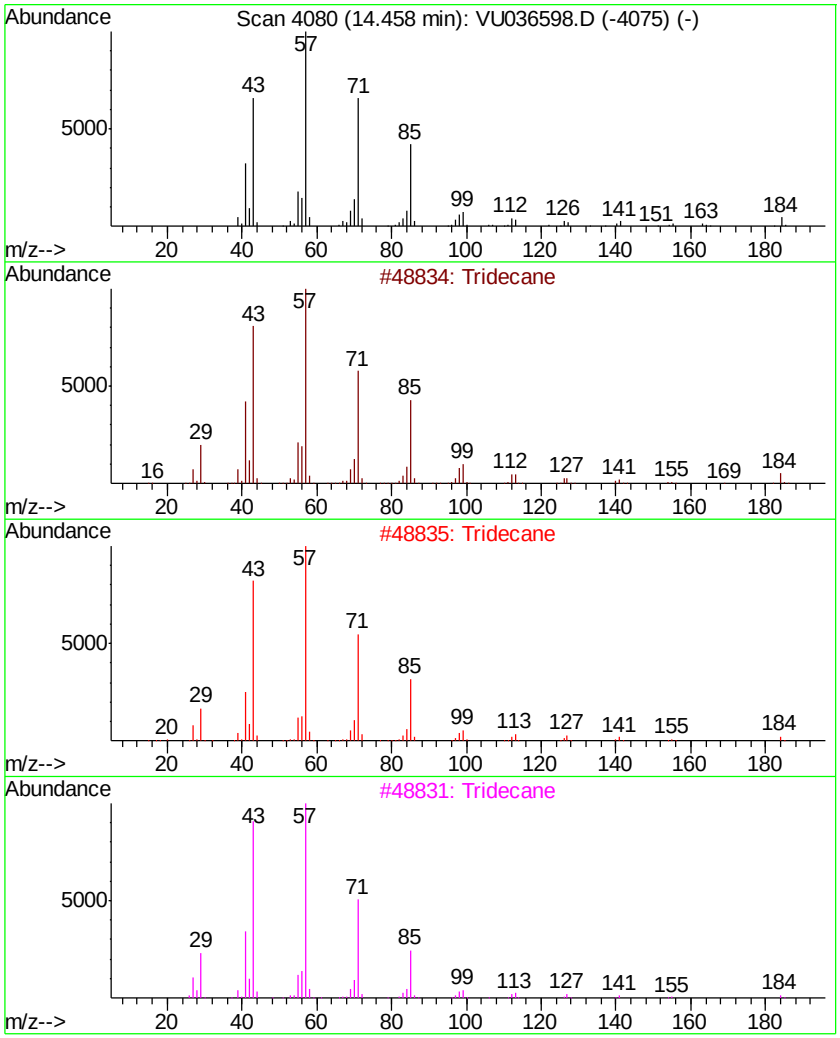
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

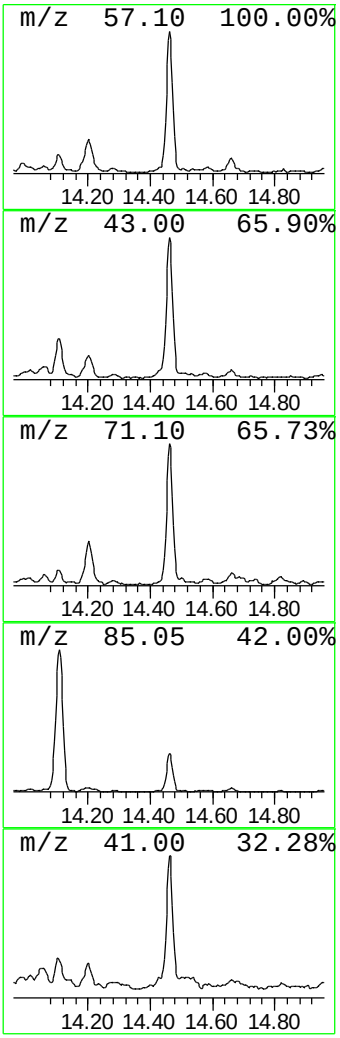
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	6.11 ug/L	115382	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	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

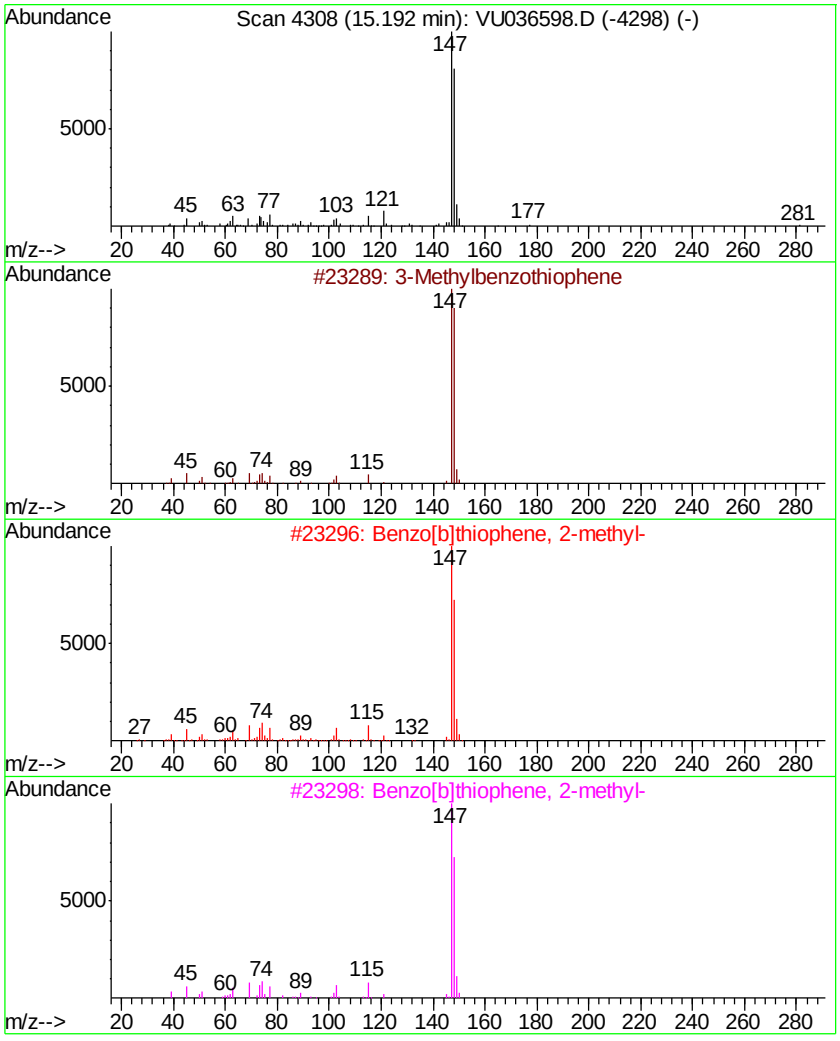
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

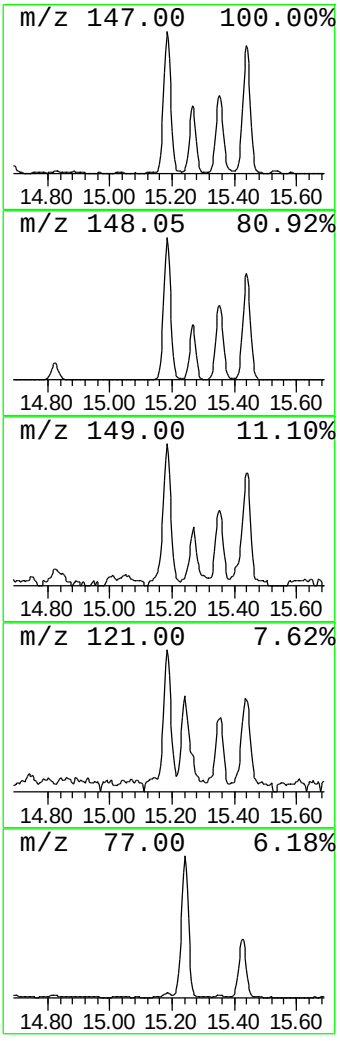
****

Peak Number 23 3-Methylbenzothiophene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	5.86 ug/L	110766	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	94
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

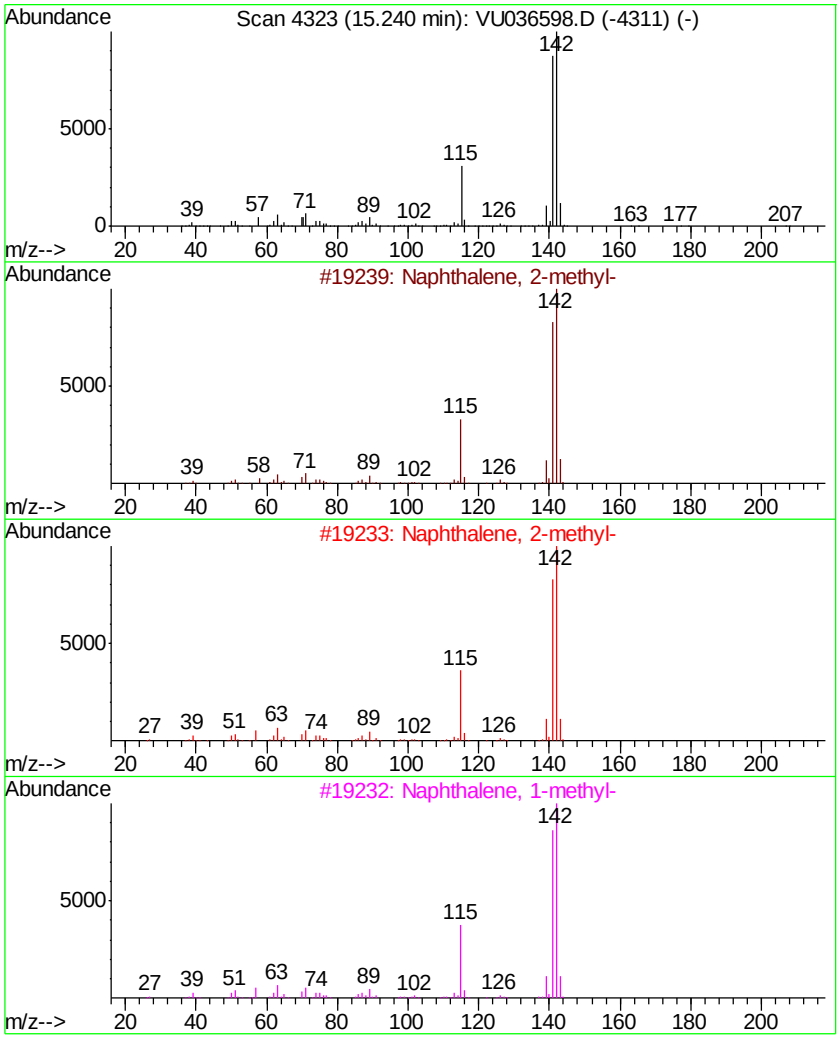
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

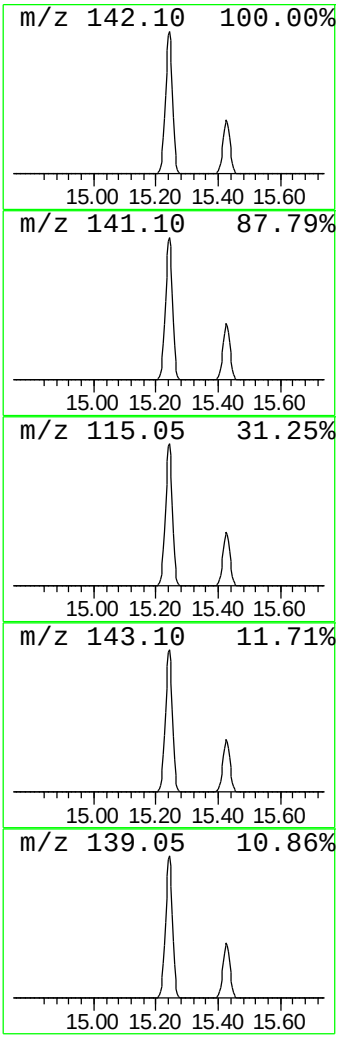
****

Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	1218.10 ug/L	23012000	1,4-Dichlorobenzene-d4	11.83

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

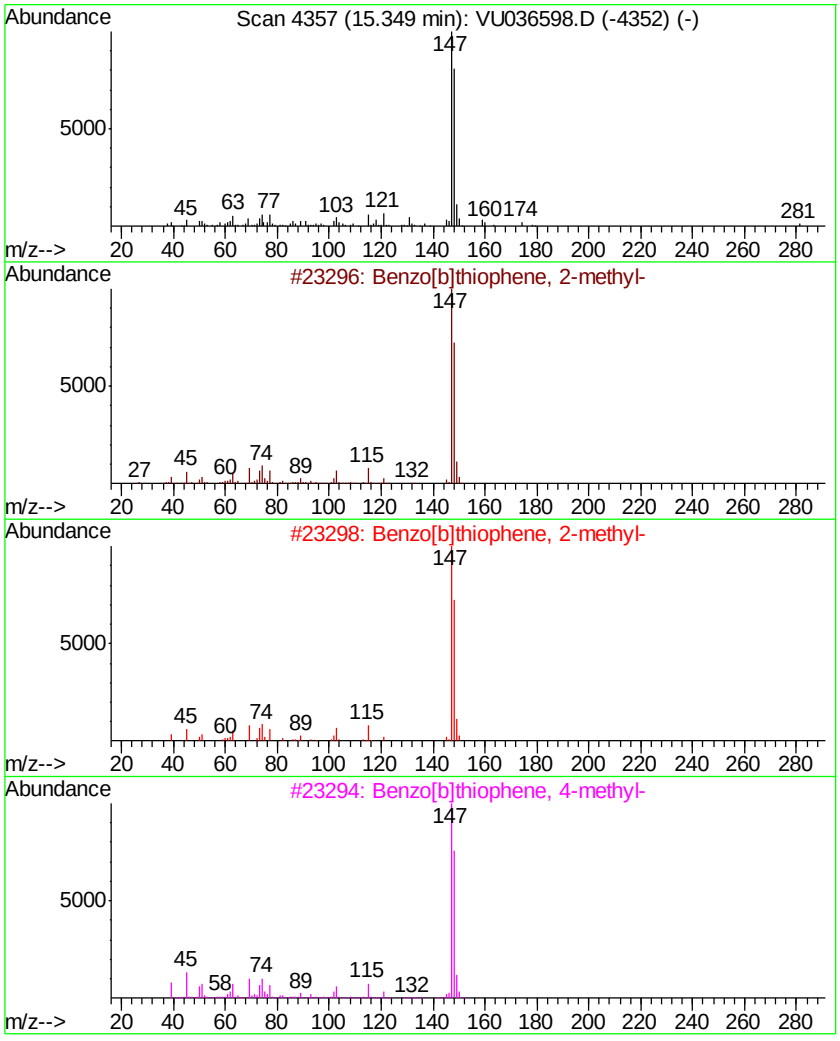
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

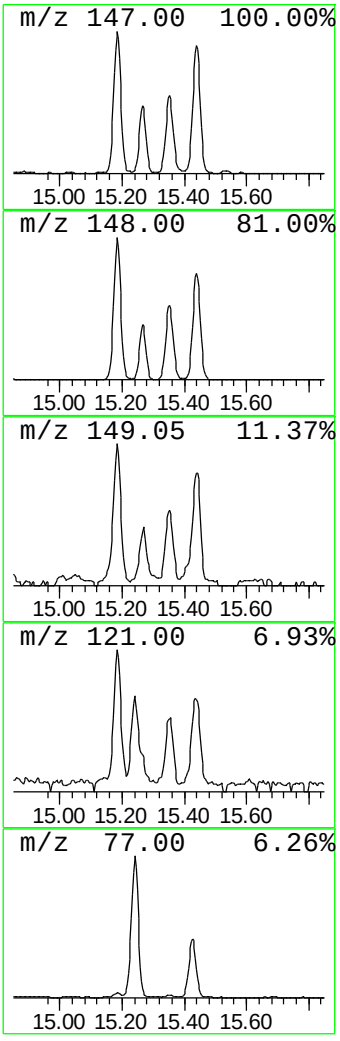
****

Peak Number 25 Benzo[b]thiophene, 2-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	3.65 ug/L	69031	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	90
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	83





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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

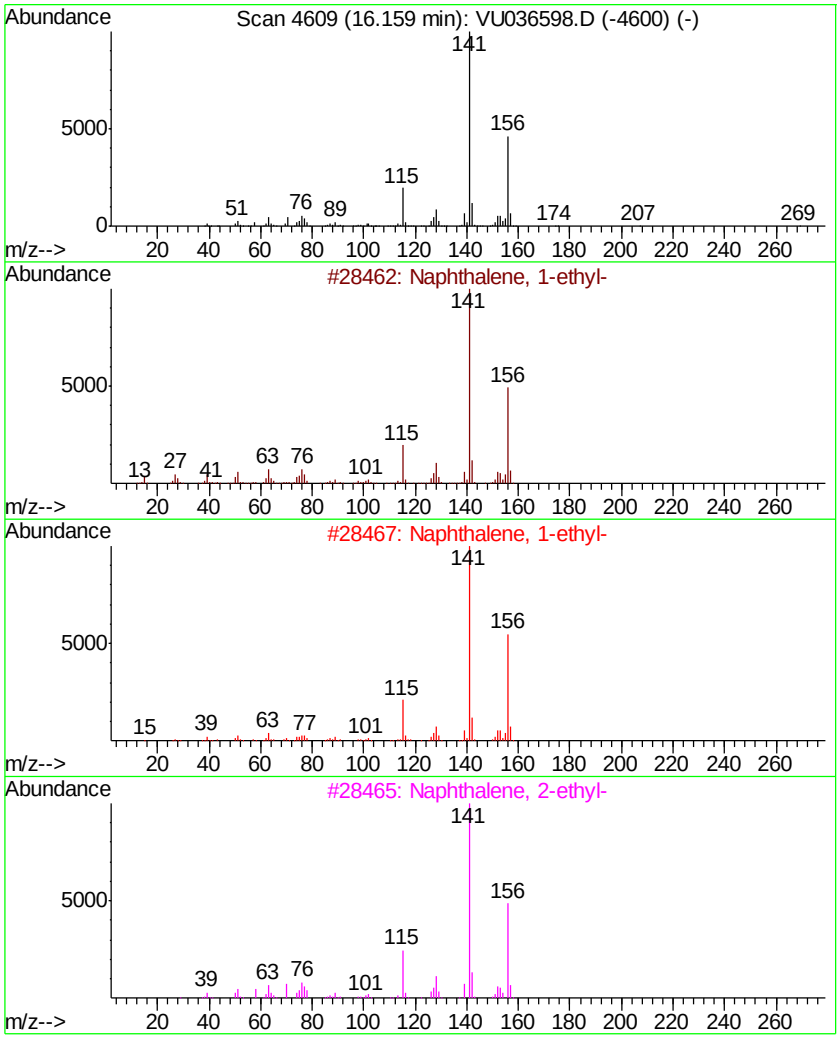
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

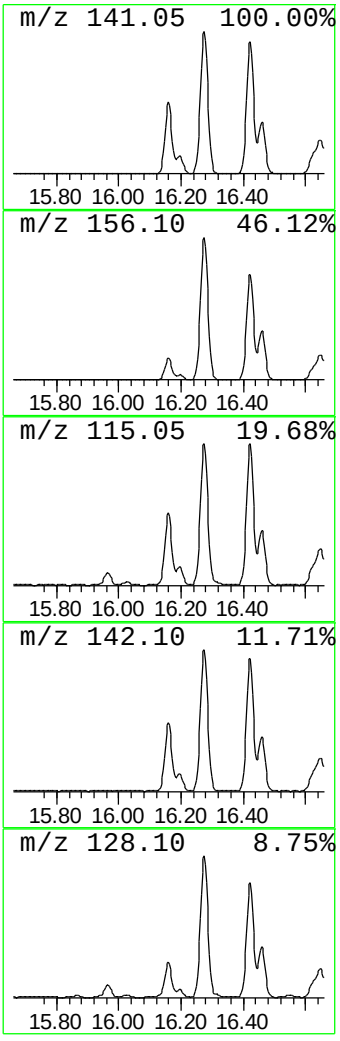
****

Peak Number 28 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	35.01 ug/L	661484	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, 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	96
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95





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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

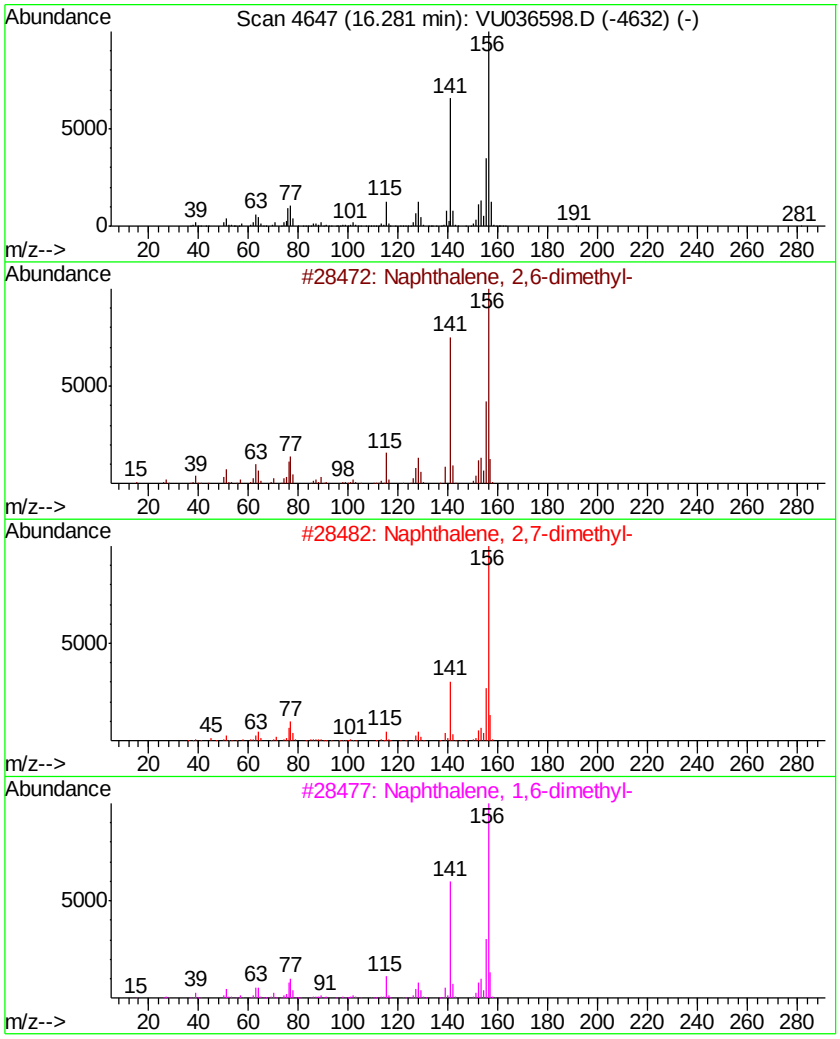
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

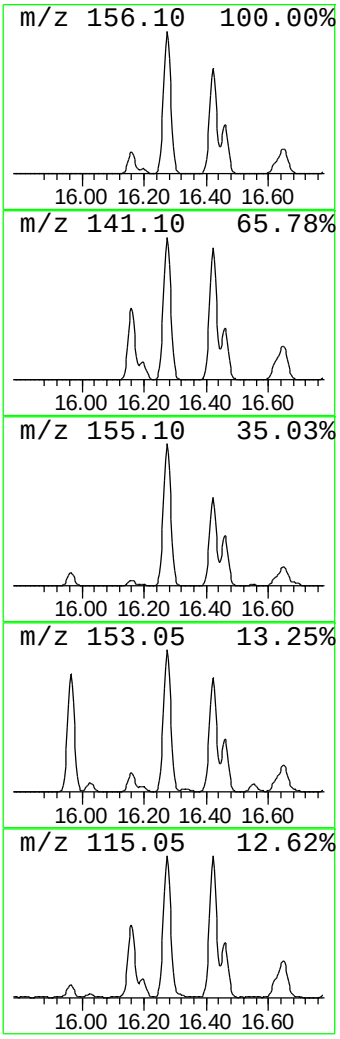
****

Peak Number 29 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	167.95 ug/L	3172920	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

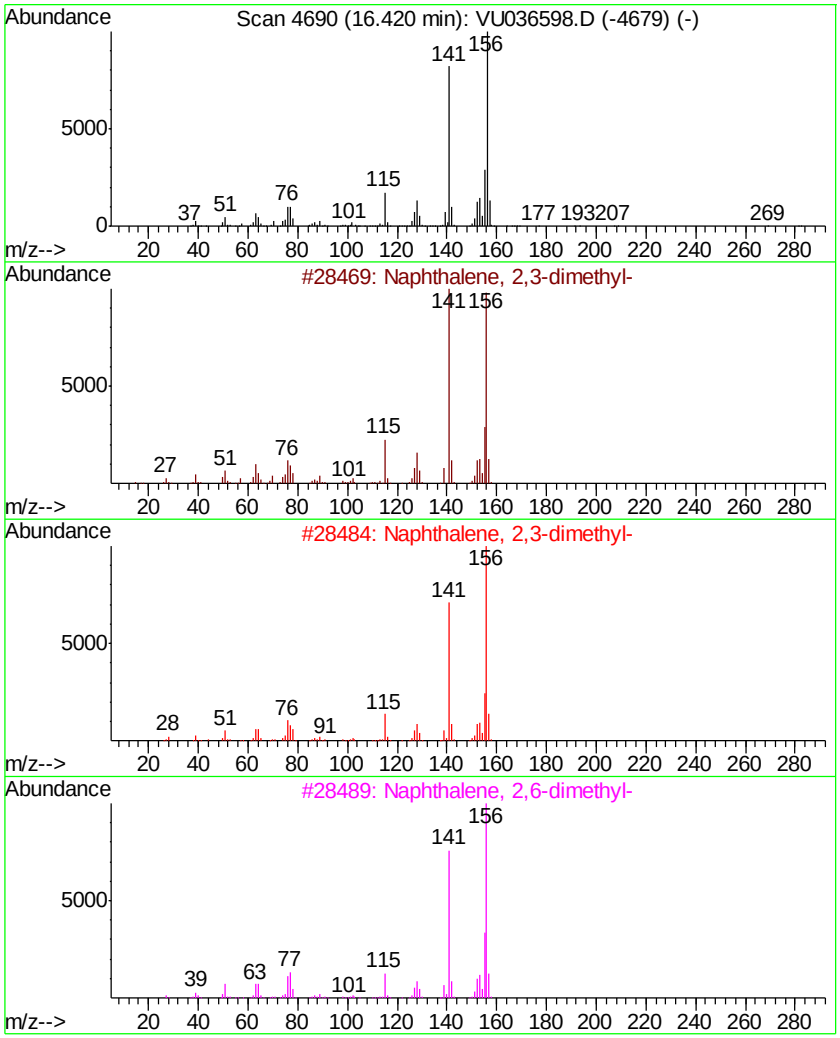
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

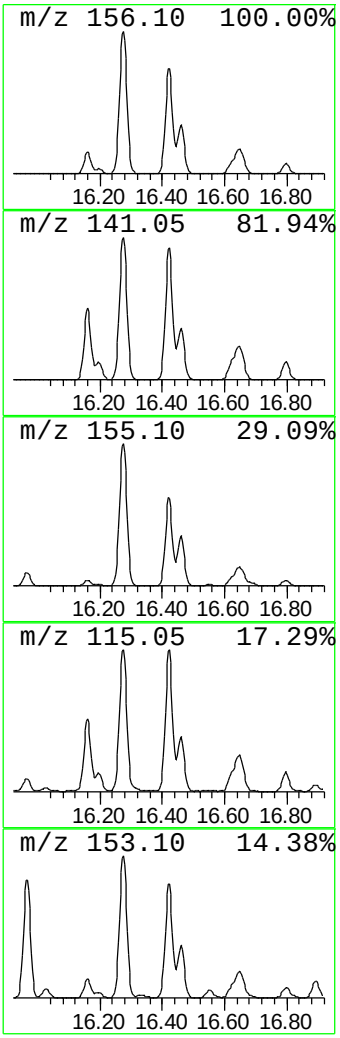
****

Peak Number 30 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	123.87 ug/L	2340100	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

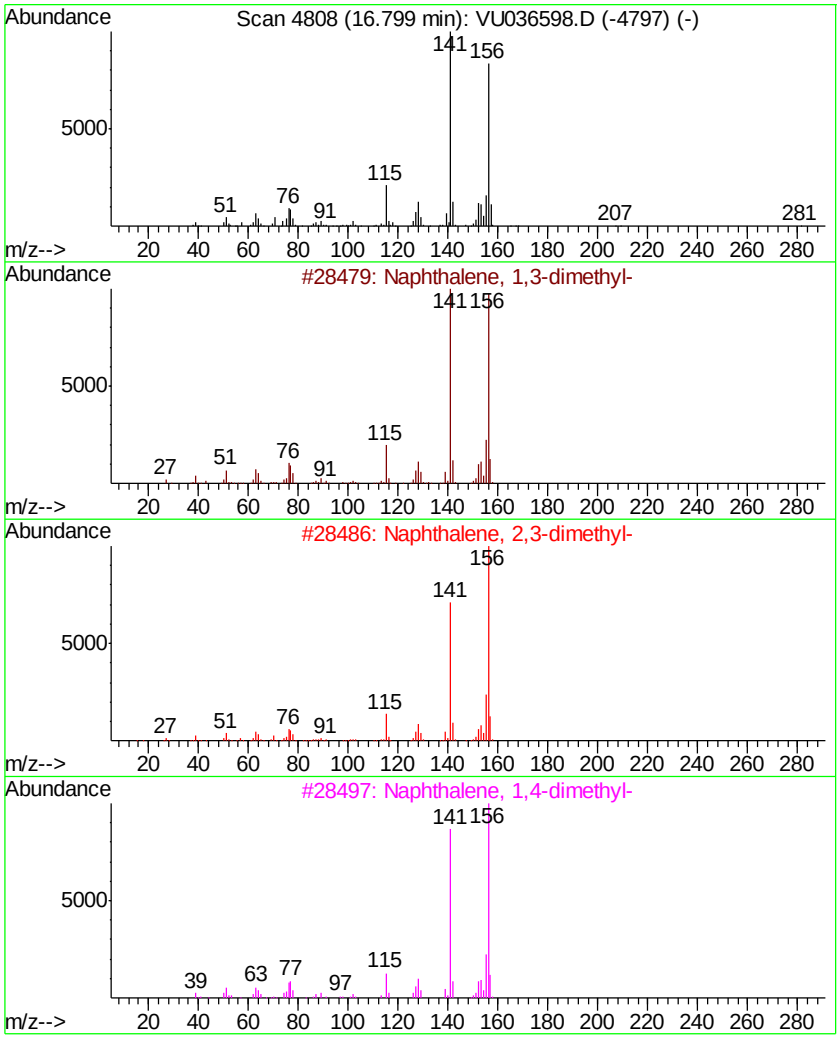
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

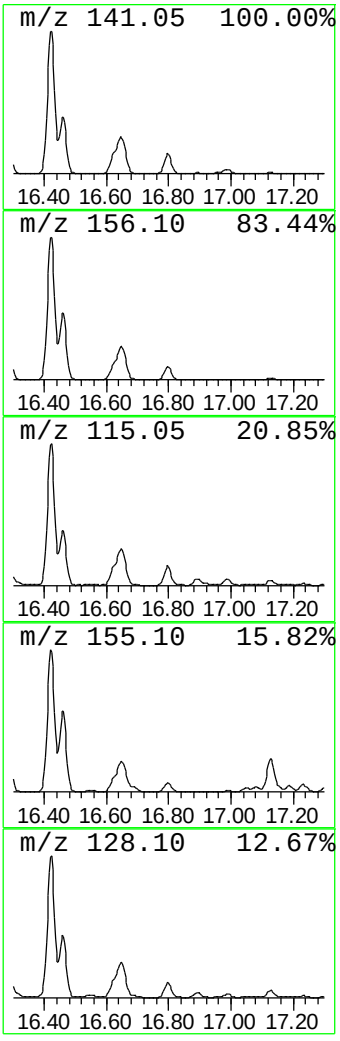
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	14.18 ug/L	267812	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
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\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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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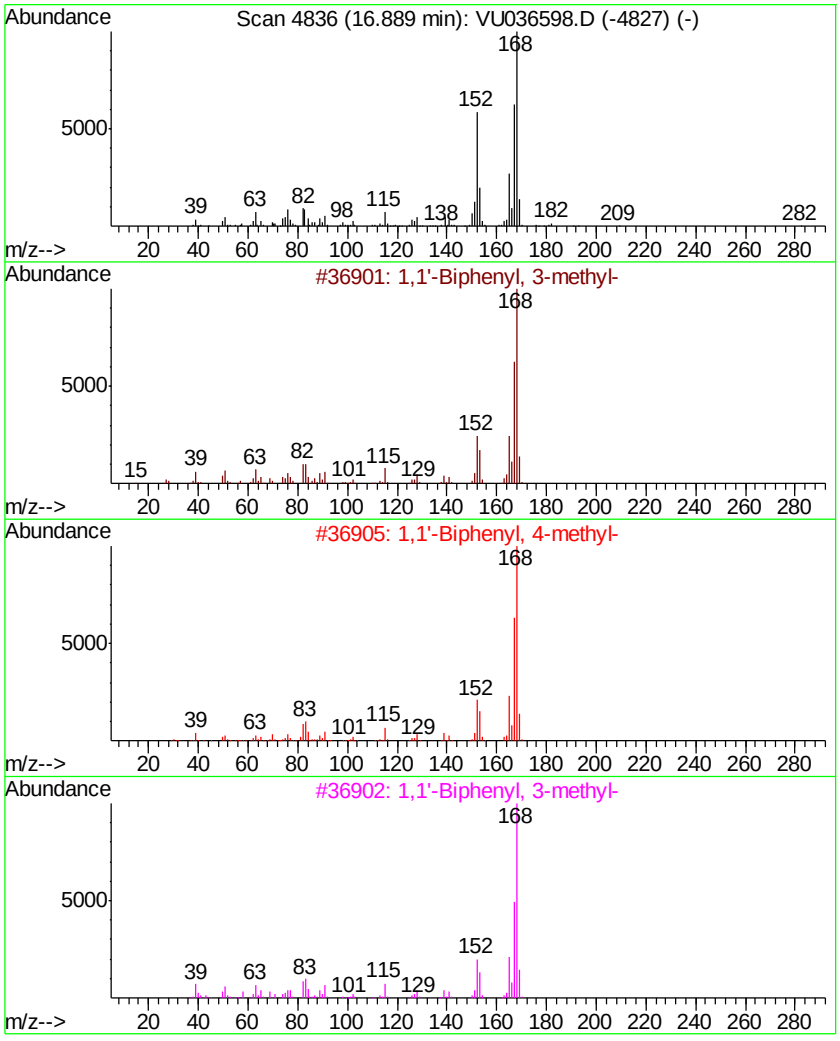
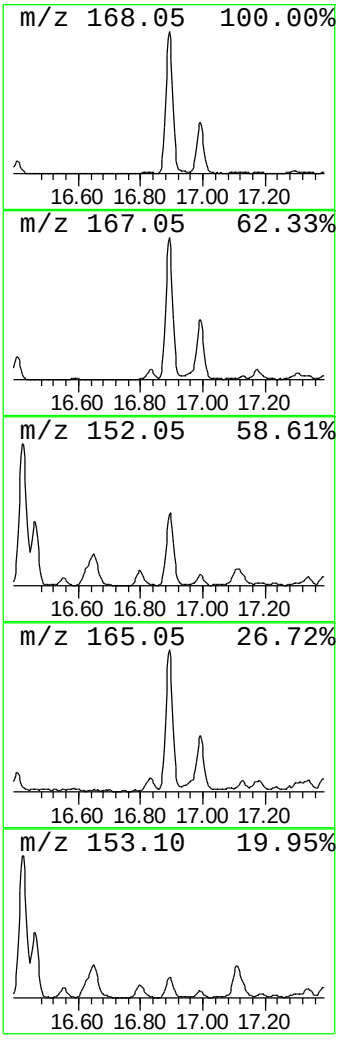
Peak Number 33 1,1'-Biphenyl, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	14.93 ug/L	282104	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	74
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	62





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Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

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

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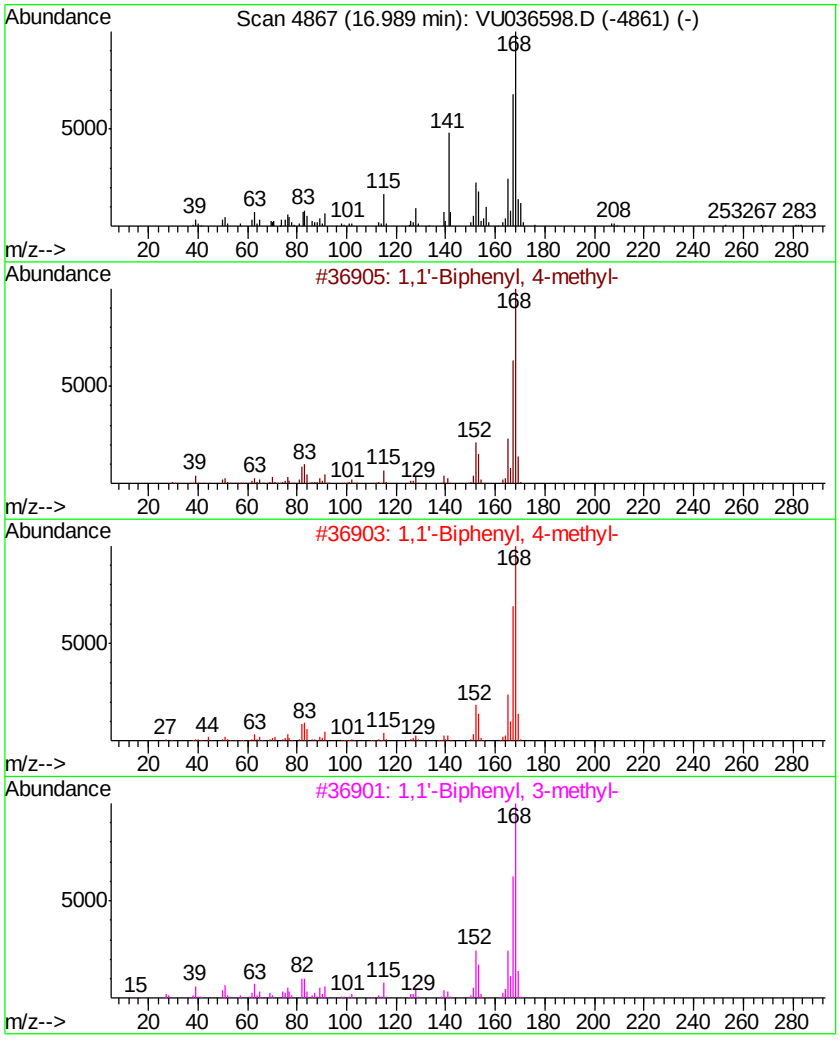
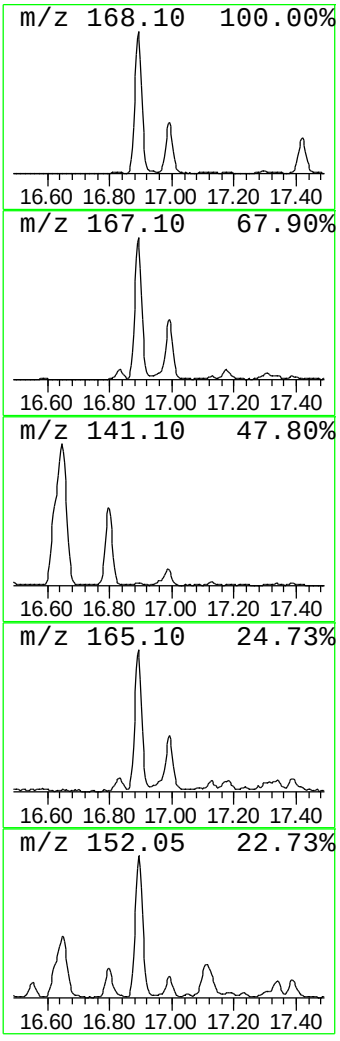
Peak Number 34 1,1'-Biphenyl, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	5.94 ug/L	112308	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	86
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	78
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

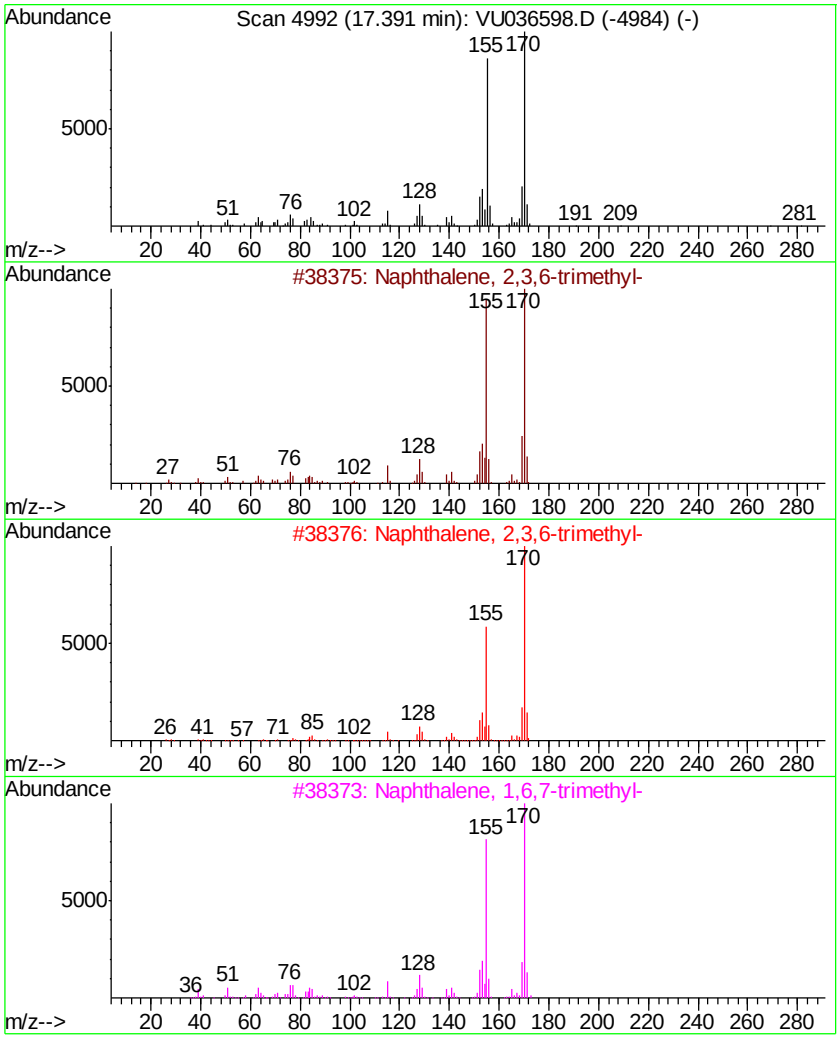
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

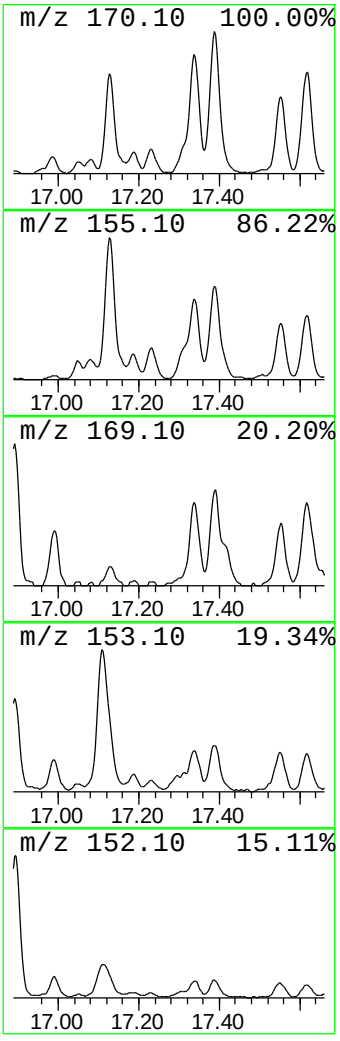
****

Peak Number 35 Naphthalene, 2,3,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	8.94 ug/L	168906	1,4-Dichlorobenzene-d4	11.83

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

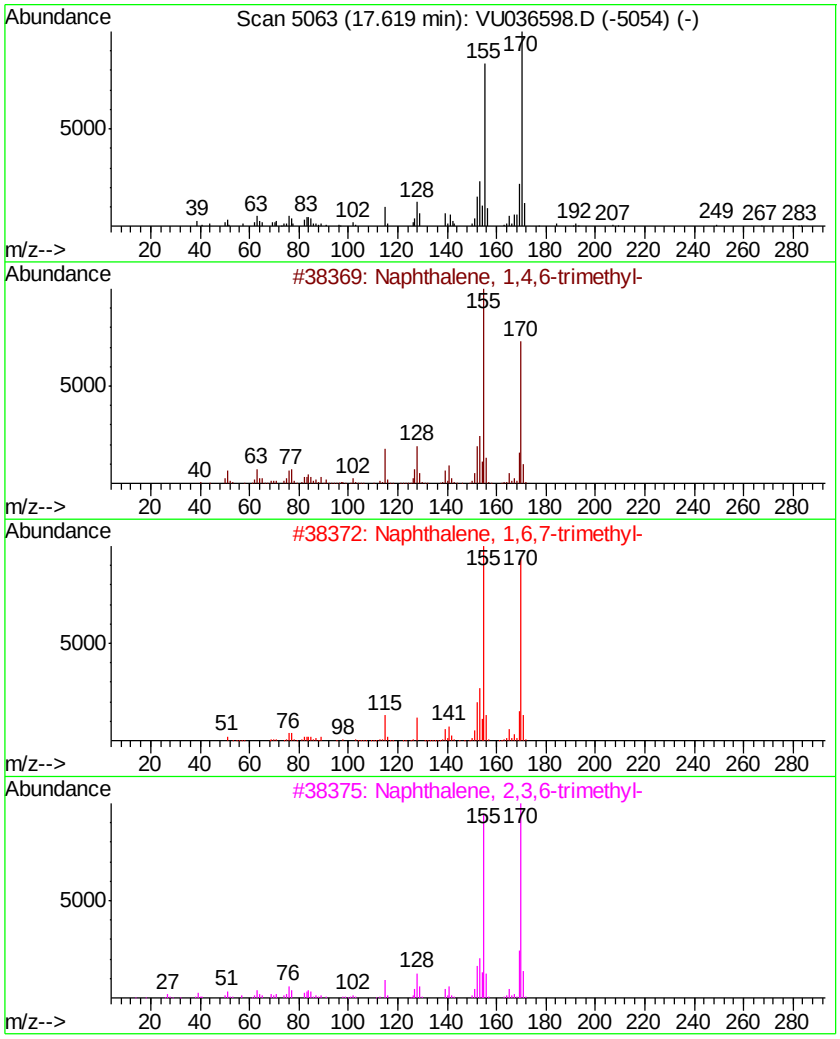
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

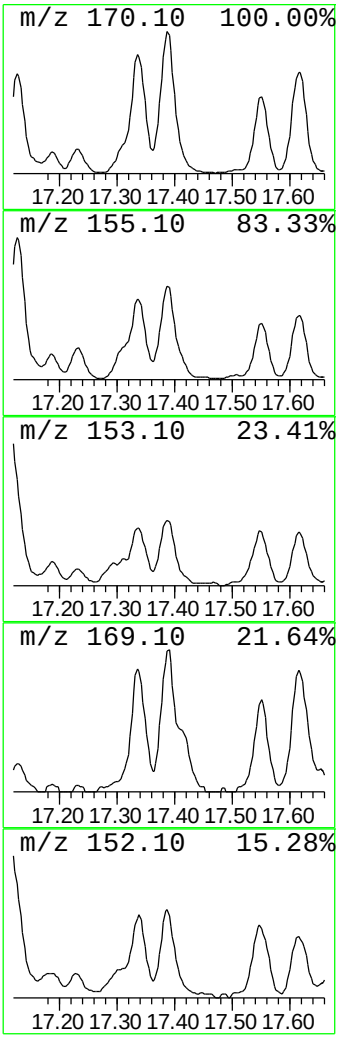
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Naphthalene, 1,4,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	4.67 ug/L	88225	1,4-Dichlorobenzene-d4	11.83

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012920\
Data File : VU036598.D
Acq On : 29 Jan 2020 17:22
Operator : JC/MD
Sample : L1271-01DL 10X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4DL

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	10.93	5.0	ug/L	94538	3	11.83	944581	50.0
Benzene, 1-ethyl-...	11.02	34.5	ug/L	652606	3	11.83	944581	50.0
Mesitylene	11.11	27.9	ug/L	527760	3	11.83	944581	50.0
Benzene, 1-ethyl-...	11.31	8.2	ug/L	154419	3	11.83	944581	50.0
Benzene, 1,2,3-tr...	11.49	92.5	ug/L	1746700	3	11.83	944581	50.0
Benzene, 1-propenyl-	11.97	5.8	ug/L	109904	3	11.83	944581	50.0
Indane	12.11	17.7	ug/L	333632	3	11.83	944581	50.0
Indene	12.33	38.0	ug/L	718510	3	11.83	944581	50.0
Benzene, 2-ethyl-...	12.48	5.4	ug/L	101713	3	11.83	944581	50.0
Benzene, 1-ethyl-...	12.59	9.6	ug/L	181909	3	11.83	944581	50.0
Benzene, 1,2,3,4-...	12.99	10.6	ug/L	199323	3	11.83	944581	50.0
Benzene, 1,2,4,5-...	13.04	21.5	ug/L	405450	3	11.83	944581	50.0
Benzene, 1-etheny...	13.31	6.9	ug/L	129749	3	11.83	944581	50.0
Benzene, 1-ethyl-...	13.46	34.9	ug/L	658740	3	11.83	944581	50.0
Cycloprop[a]inden...	13.54	9.3	ug/L	175400	3	11.83	944581	50.0
2-Methylindene	13.64	26.8	ug/L	506719	3	11.83	944581	50.0
1H-Indene, 2,3-di...	13.85	5.5	ug/L	104421	3	11.83	944581	50.0
(DEL) Alkane: Str...	14.46	6.1	ug/L	115382	3	11.83	944581	50.0
3-Methylbenzothio...	15.19	5.9	ug/L	110766	3	11.83	944581	50.0
Naphthalene, 1-me...	15.24	1218.1	ug/L	23012000	3	11.83	944581	50.0
Benzo[b]thiophene...	15.35	3.6	ug/L	69031	3	11.83	944581	50.0
Naphthalene, 1-et...	16.16	35.0	ug/L	661484	3	11.83	944581	50.0
Naphthalene, 2,6-...	16.28	167.9	ug/L	3172920	3	11.83	944581	50.0
Naphthalene, 2,3-...	16.42	123.9	ug/L	2340100	3	11.83	944581	50.0
Naphthalene, 1,3-...	16.80	14.2	ug/L	267812	3	11.83	944581	50.0
1,1'-Biphenyl, 3-...	16.89	14.9	ug/L	282104	3	11.83	944581	50.0
1,1'-Biphenyl, 4-...	16.99	5.9	ug/L	112308	3	11.83	944581	50.0
Naphthalene, 2,3,...	17.39	8.9	ug/L	168906	3	11.83	944581	50.0
Naphthalene, 1,4,...	17.62	4.7	ug/L	88225	3	11.83	944581	50.0