LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.610	77	84	94	rVB	126523	135125	0.93%	0.272%
2	1.890	165	171	177	rBV	39534	40194	0.28%	0.081%
3	2.568	369	382	394	rBV	200063	316294	2.19%	0.637%
4	2.671	408	414	421	rVB3	1656	2106	0.01%	0.004%
5	2.870	470	476	487	rBV3	640	1122	0.01%	0.002%
6	2.983	505	511	523	rVB2	1567	2657	0.02%	0.005%
7	3.070	530	538	549	rBV4	2003	3310	0.02%	0.007%
8	3.218	572	584	604	rVB2	3063	7127	0.05%	0.014%
9	3.350	624	625	630	rVB	274	155	0.00%	0.000%
10	3.716	735	739	747	rVB4	621	864	0.01%	0.002%
11	4.057	844	845	851	rVB4	288	190	0.00%	0.000%
12	4.221	894	896	904	rVB	152	154	0.00%	0.000%
13	4.301	918	921	923	rBV	299	204	0.00%	0.000%
14	4.388	935	948	950	rBV2	343	544	0.00%	0.001%
15	4.684	1025	1040	1081	rVB2	73431	227169	1.57%	0.457%
16	4.986	1130	1134	1135	rBV	159	135	0.00%	0.000%
17	5.105	1153	1171	1191	rBV	162321	358074	2.47%	0.721%
18	5.227	1206	1209	1210	rBV	293	171	0.00%	0.000%
19	5.259	1217	1219	1225	rVB	333	256	0.00%	0.001%
20	5.288	1225	1228	1232	rBV2	178	131	0.00%	0.000%
21	5.314	1234	1236	1237	rBV	230	126	0.00%	0.000%
22	5.330	1237	1241	1247	rVB4	458	529	0.00%	0.001%
23	5.375	1253	1255	1257	rVB	271	132	0.00%	0.000%
24	5.462	1279	1282	1292	rVB	165	167	0.00%	0.000%
25	5.761	1353	1375	1393	rBV2	391711	968328	6.69%	1.950%
26	5.938	1425	1430	1432	rBV	243	166	0.00%	0.000%
27	5.951	1432	1434	1438	rVV2	243	179	0.00%	0.000%
28	6.076	1468	1473	1477	rVV2	255	261	0.00%	0.001%
29	6.099	1477	1480	1483	rVB	201	114	0.00%	0.000%
30	6.153	1492	1497	1501	rBV2	213	193	0.00%	0.000%
31	6.285	1522	1538	1560	rBV	343369	648724	4.48%	1.306%
32	6.558	1615	1623	1632	rVB4	1802	3088	0.02%	0.006%
33	6.726	1661	1675	1698	rBV	220305	430152	2.97%	0.866%
34	6.841	1707	1711	1719	rVB3	525	755	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

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

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

35	7.105	1787	1793	1796	rBV	120	130	0.00%	0.000%
36	7.176	1812	1815	1818	rVV	355	312	0.00%	0.001%
37	7.221	1821	1829	1840	rVB5	3434	6074	0.04%	0.012%
38	7.340	1865	1866	1873	rVB	251	207	0.00%	0.000%
39	7.375	1873	1877	1879	rBV	304	231	0.00%	0.000%
40	7.597	1933	1946	1966	rBV	128449	233015	1.61%	0.469%
41	7.716	1975	1983	1985	rBV2	943	1168	0.01%	0.002%
42	7.767	1997	1999	2001	rVB	246	127	0.00%	0.000%
43	7.812	2007	2013	2017	rBV2	676	742	0.01%	0.001%
44	7.928	2033	2049	2064	rBV	490914	851965	5.89%	1.716%
45	8.044	2083	2085	2092	rVB2	552	502	0.00%	0.001%
46	8.144	2112	2116	2121	rBV2	223	277	0.00%	0.001%
47	8.211	2123	2137	2154	rVV	87233	157461	1.09%	0.317%
48	8.269	2154	2155	2158	rVV	284	120	0.00%	0.000%
49	8.369	2184	2186	2191	rVB2	200	143	0.00%	0.000%
50	8.677	2268	2282	2323	rVB	347469	627177	4.33%	1.263%
51	8.828	2323	2329	2333	rVB2	181	167	0.00%	0.000%
52	9.446	2507	2521	2538	rBV	476716	819423	5.66%	1.650%
53	9.600	2561	2569	2576	rVB2	844	1373	0.01%	0.003%
54	9.716	2596	2605	2616	rBV	5315	8376	0.06%	0.017%
55	9.880	2652	2656	2659	rBV	200	141	0.00%	0.000%
56	10.140	2723	2737	2752	rVB5	8237	15883	0.11%	0.032%
57	10.552	2861	2865	2869	rVB	391	314	0.00%	0.001%
58	10.783	2921	2937	2953	rBV	365005	594338	4.11%	1.197%
59	10.864	2960	2962	2964	rBV3	301	162	0.00%	0.000%
60	10.912	2973	2977	2978	rBV2	562	384	0.00%	0.001%
61	11.491	3149	3157	3166	rVB3	4188	6093	0.04%	0.012%
62	11.558	3171	3178	3187	rBV3	4997	7311	0.05%	0.015%
63	11.610	3189	3194	3200	rVB2	1211	1500	0.01%	0.003%
64	11.725	3227	3230	3232	rBV2	292	199	0.00%	0.000%
65	11.835	3251	3264	3280	rVB	566926	898218	6.21%	1.809%
66	11.918	3280	3290	3297	rBV2	3964	5872	0.04%	0.012%
67	11.979	3301	3309	3310	rBV4	911	1080	0.01%	0.002%
68	12.214	3371	3382	3396	rVB	568028	897802	6.20%	1.808%
69	12.336	3412	3420	3431	rVB3	7673	11714	0.08%	0.024%
70	12.484	3459	3466	3469	rBV	4106	5138	0.04%	0.010%
71	12.558	3483	3489	3493	rBV3	6573	8548	0.06%	0.017%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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	12.590	3494	3499	3507	rVB2	10840	14109	0.10%	0.028%
73	12.645	3507	3516	3527	rBV3	13375	24351	0.17%	0.049%
74	12.767	3543	3554	3564	rVB	94853	143679	0.99%	0.289%
75	12.825	3564	3572	3580	rBV2	18487	26110	0.18%	0.053%
76	12.896	3588	3594	3604	rBV	6244	8814	0.06%	0.018%
77	12.989	3615	3623	3631	rBV	38855	54055	0.37%	0.109%
78	13.044	3631	3640	3652	rBV	97269	166347	1.15%	0.335%
79	13.108	3654	3660	3667	rBV3	15717	20681	0.14%	0.042%
80	13.166	3668	3678	3690	rBV3	89929	166573	1.15%	0.335%
81	13.307	3714	3722	3734	rVB4	23134	40963	0.28%	0.082%
82	13.465	3758	3771	3788	rVB3	195614	467430	3.23%	0.941%
83	13.645	3820	3827	3838	rVB	335810	554784	3.83%	1.117%
84	13.706	3841	3846	3853	rVB2	55612	71663	0.50%	0.144%
85	13.854	3886	3892	3899	rBV4	45707	73608	0.51%	0.148%
86	14.102	3963	3969	3977	rBV	265045	352369	2.43%	0.710%
87	14.462	4075	4081	4088	rBV	163608	207590	1.43%	0.418%
88	15.237	4312	4322	4334	rVB	2142059	3400241	23.50%	6.847%
89	15.426	4369	4381	4402	rVB	9050950	14471345	100.00%	29.142%
90	15.966	4543	4549	4556	rVB	210388	281369	1.94%	0.567%
91	16.159	4602	4609	4616	rBV	576679	811411	5.61%	1.634%
92	16.275	4633	4645	4670	rVB	5340826	9166616	63.34%	18.459%
93	16.423	4680	4691	4698	rBV	4381588	7032896	48.60%	14.163%
94	16.555	4724	4732	4742	rVB	194536	309719	2.14%	0.624%
95	16.629	4744	4755	4756	rBV	714787	916743	6.33%	1.846%
96	16.796	4798	4807	4826	rBV	378305	639524	4.42%	1.288%
97	16.892	4828	4837	4852	rBV	425895	730586	5.05%	1.471%
98	17.388	4984	4991	5013	rVB2	288570	537900	3.72%	1.083%
99	17.552	5033	5042	5052	rVB	216888	361534	2.50%	0.728%
100	17.616	5053	5062	5071	rBV	169796	292419	2.02%	0.589%

Sum of corrected areas: 49658012

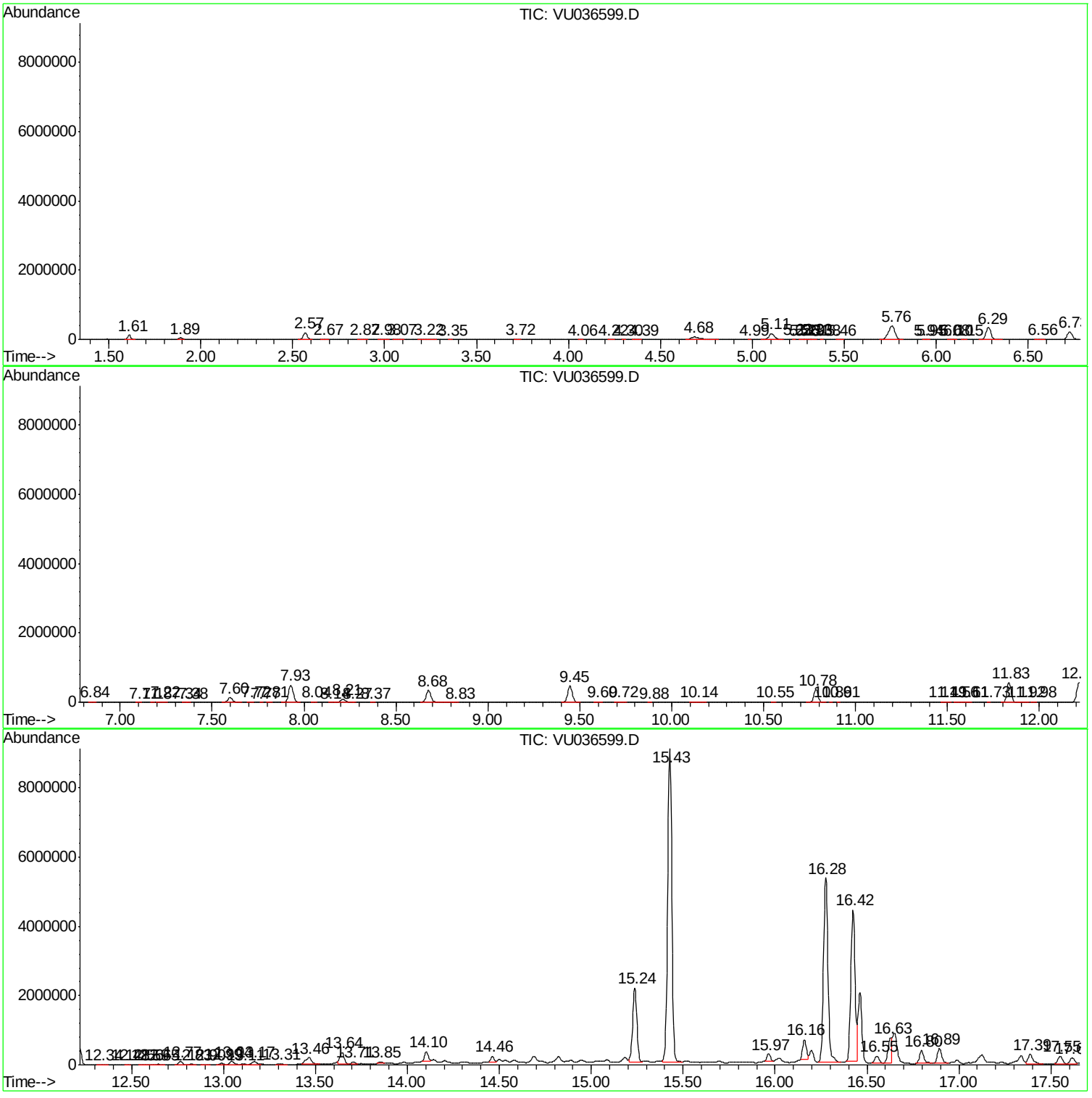
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

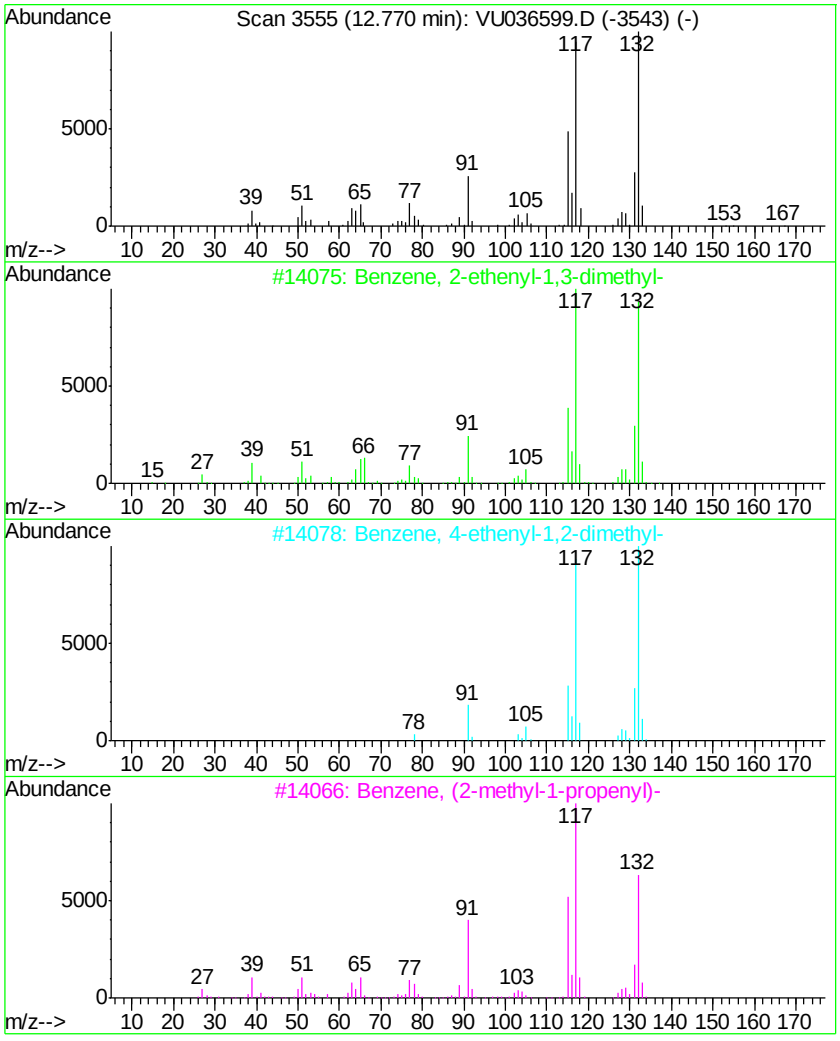
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

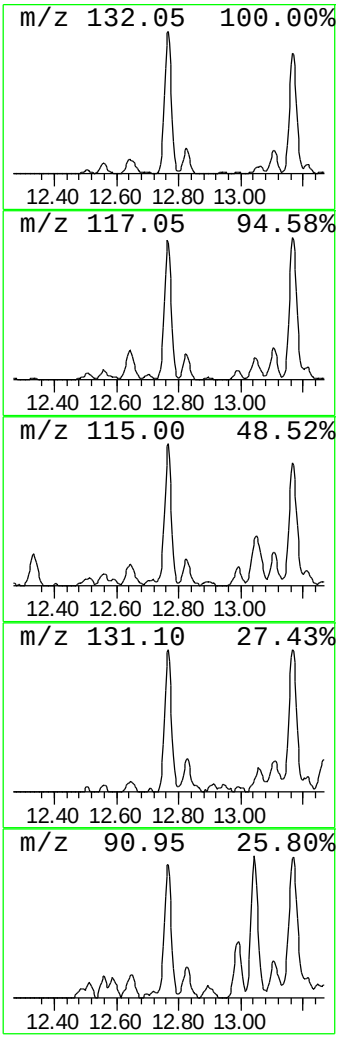
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	8.00 ug/L	143679	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	97
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94
5	o-Isopropenyltoluene	132	C10H12	007399-49-7	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

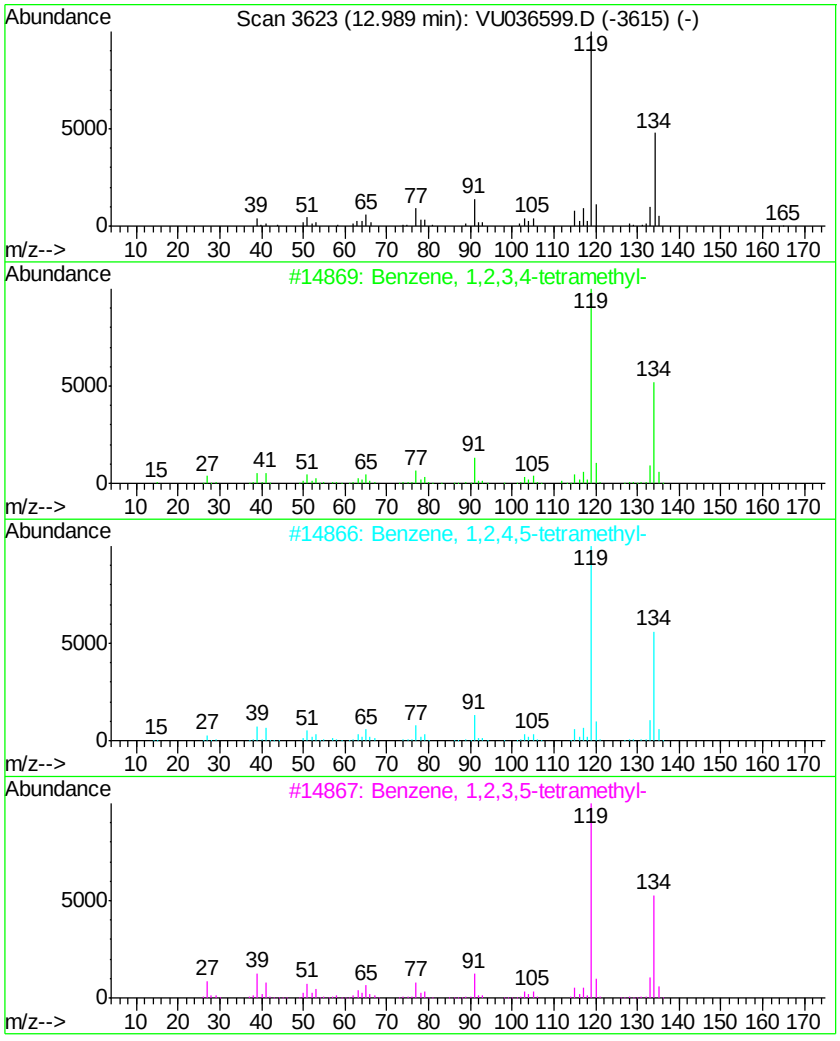
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

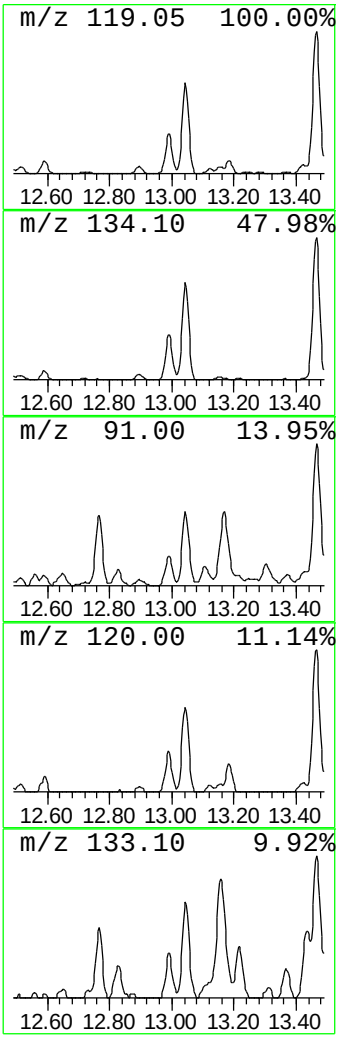
****

Peak Number 3 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	3.01 ug/L	54055	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	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	95
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 : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

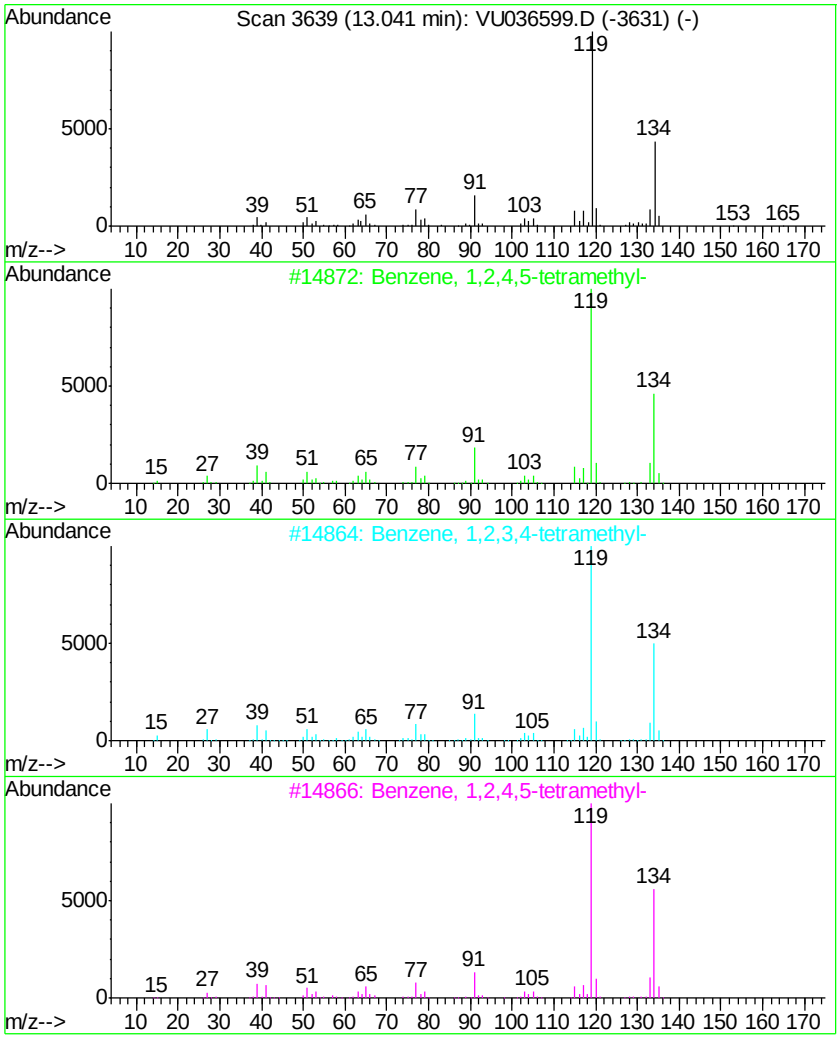
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

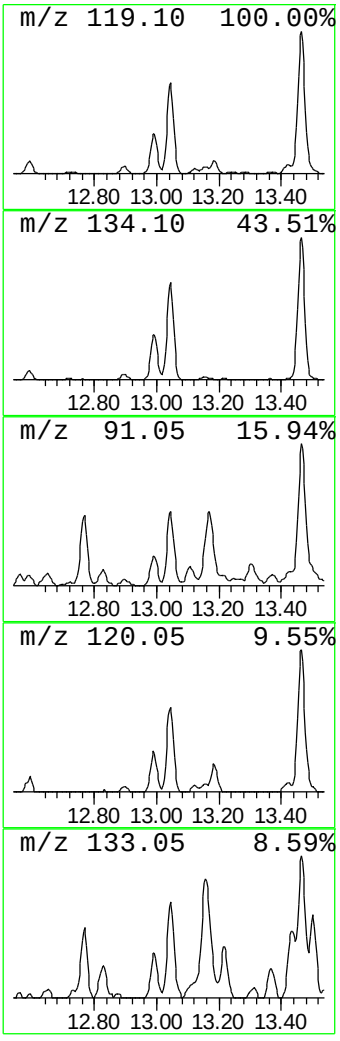
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	9.26 ug/L	166347	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

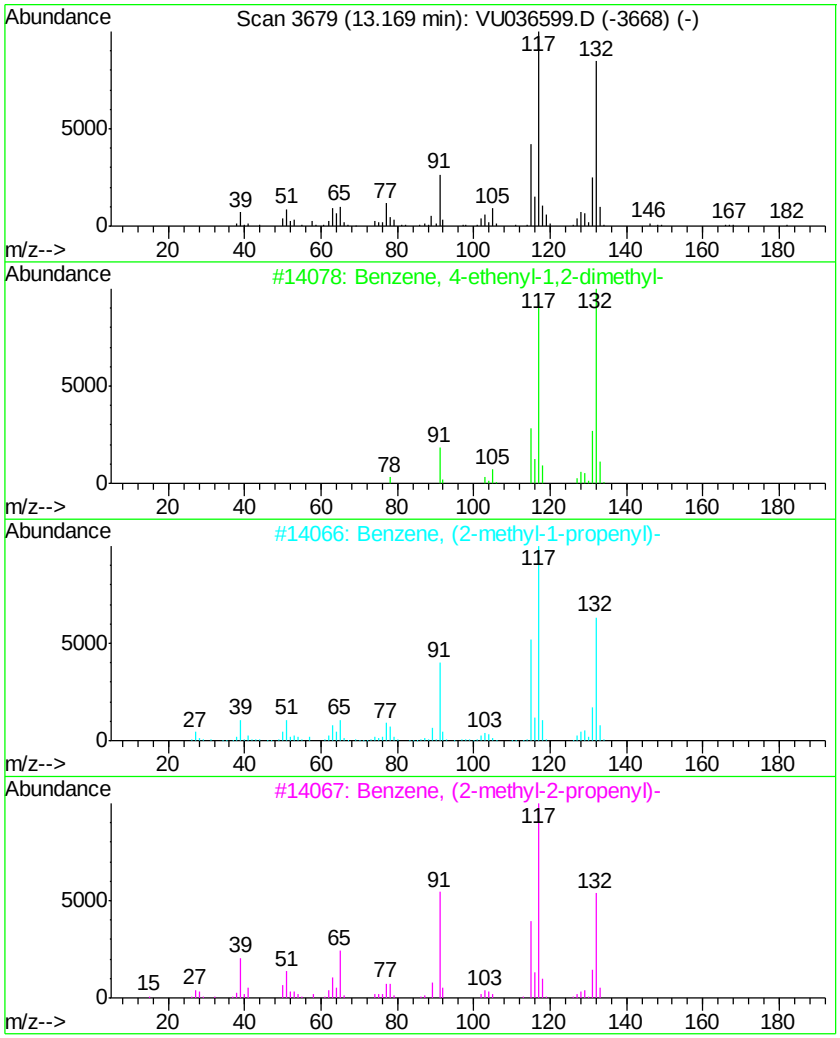
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

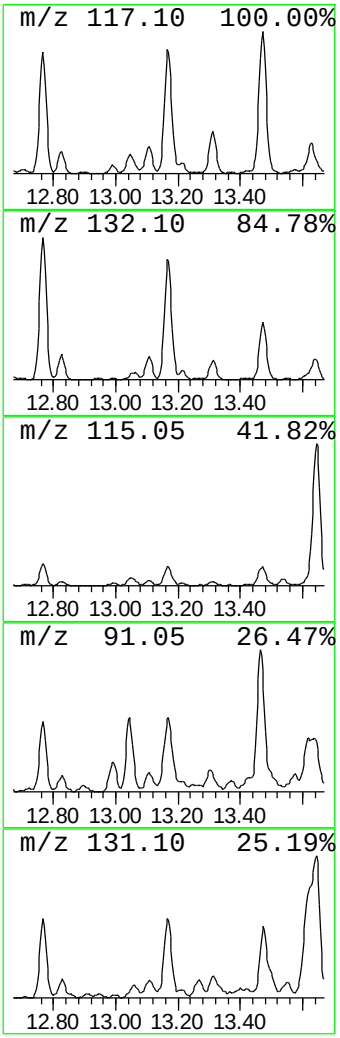
****

Peak Number 5 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	9.27 ug/L	166573	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, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

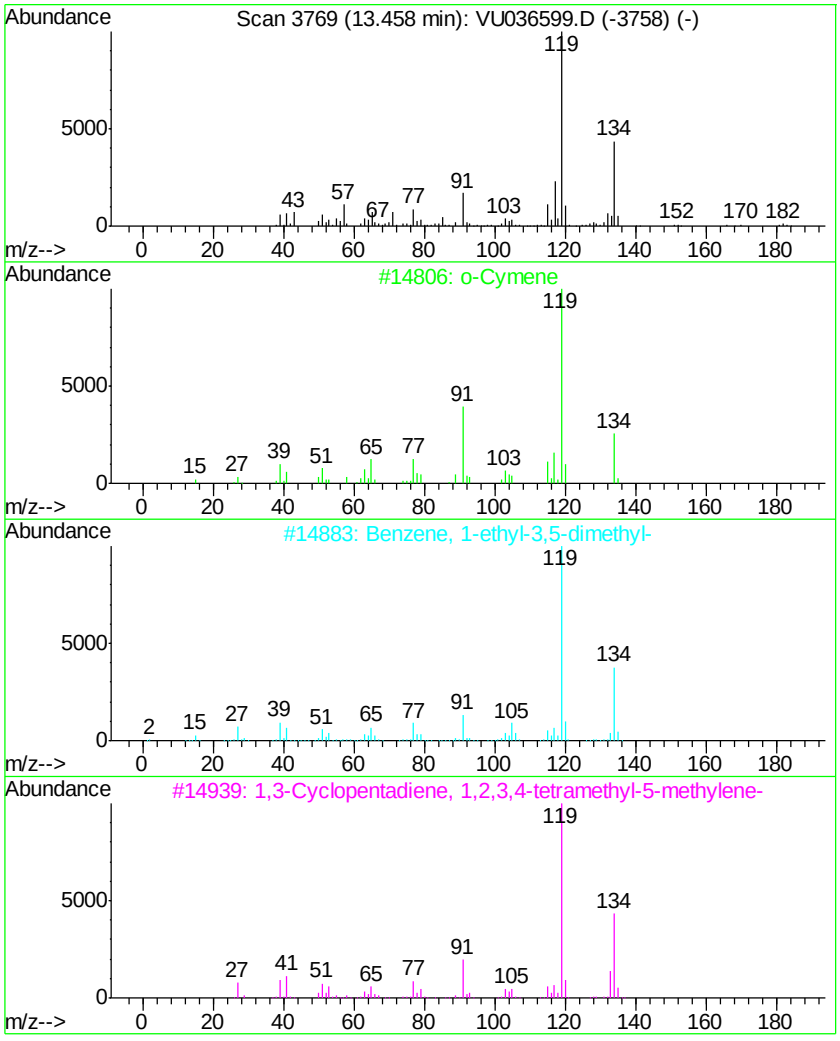
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

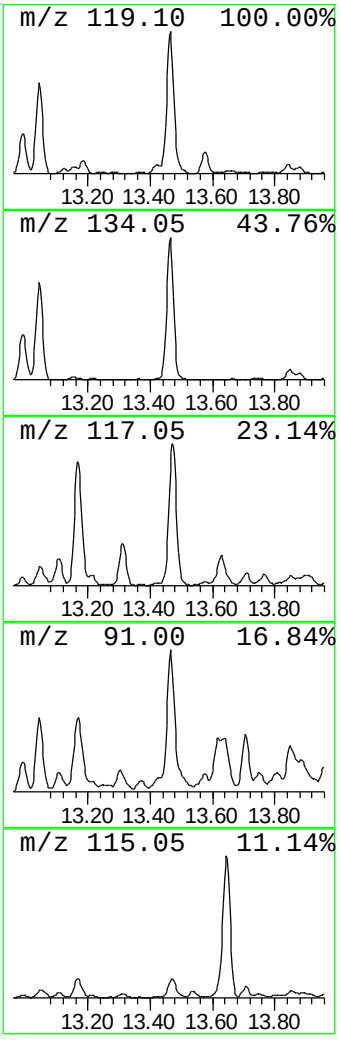
****

Peak Number 6 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	26.02 ug/L	467430	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	81
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

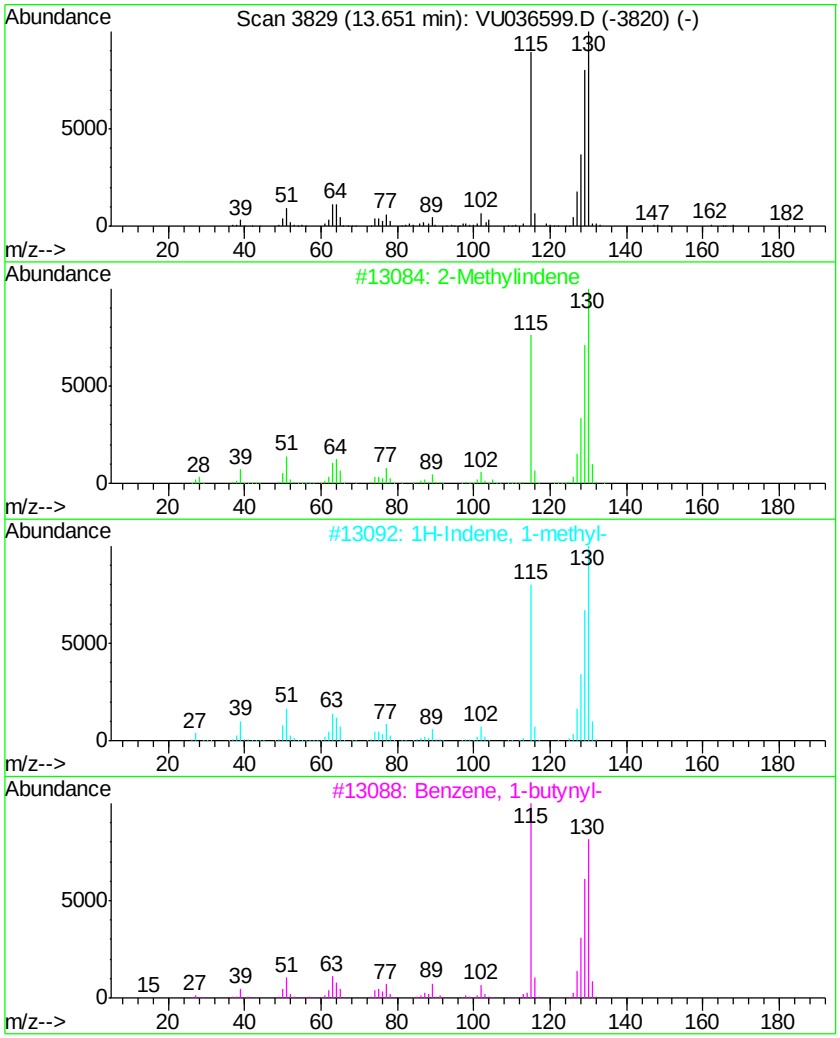
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

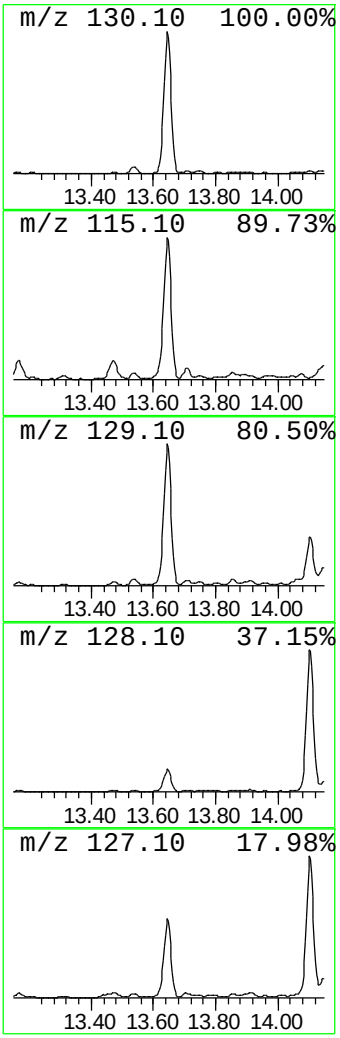
****

Peak Number 7 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	30.88 ug/L	554784	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	93
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	90
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	90
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	87





Library Search Compound Report

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Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

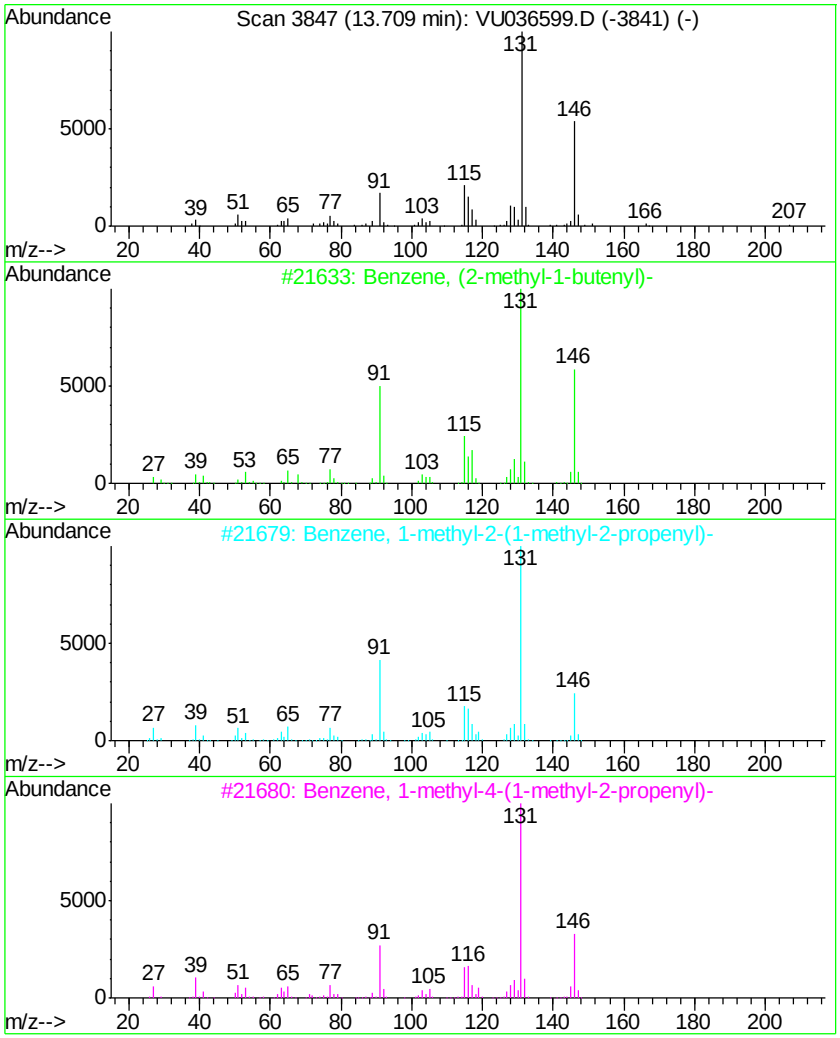
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

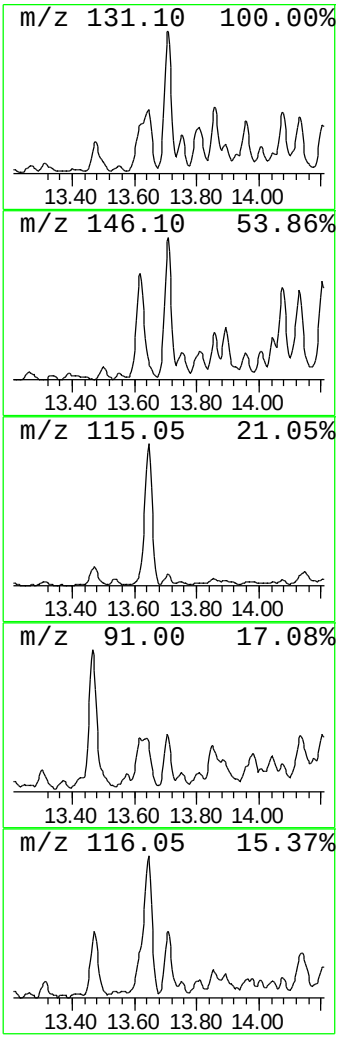
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	3.99 ug/L	71663	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





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Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

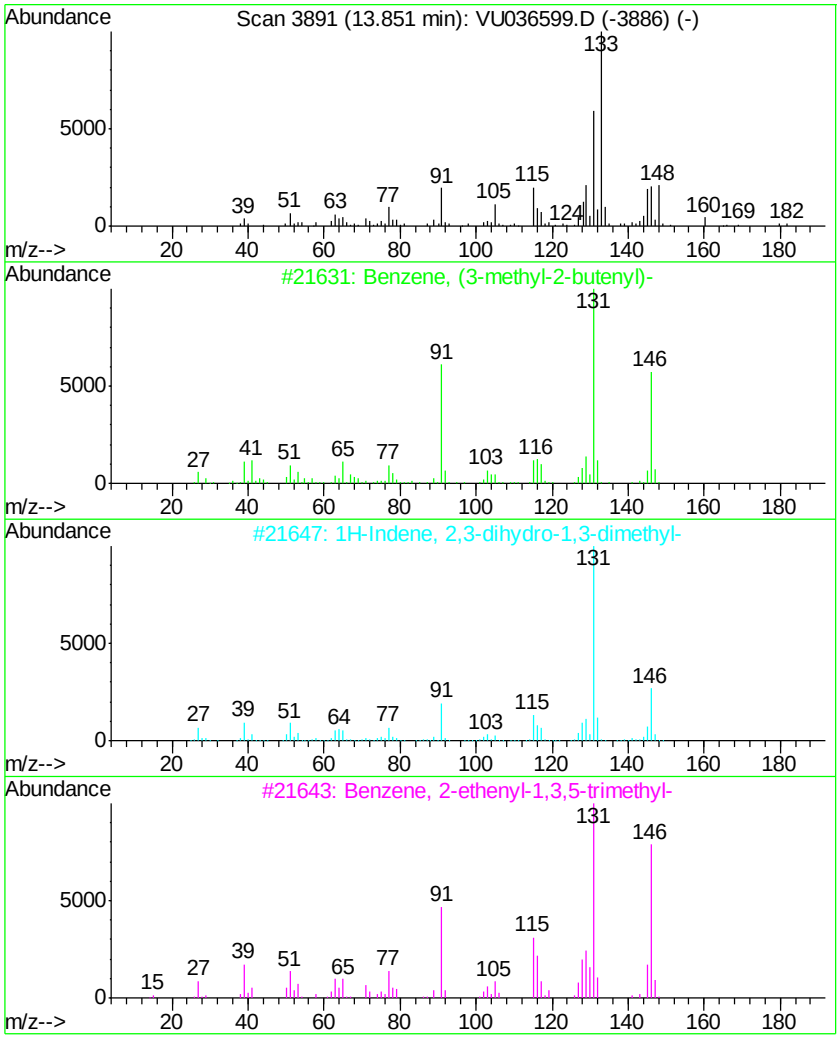
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

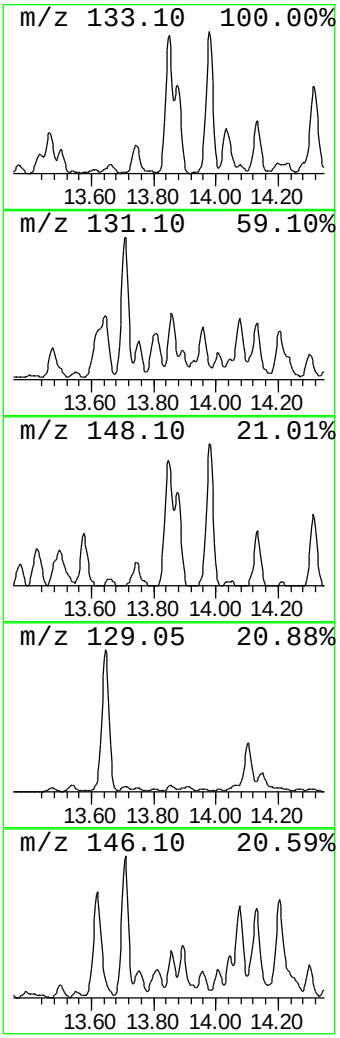
****

Peak Number 9 Benzene, (3-methyl-2-butenyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.10 ug/L	73608	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	45
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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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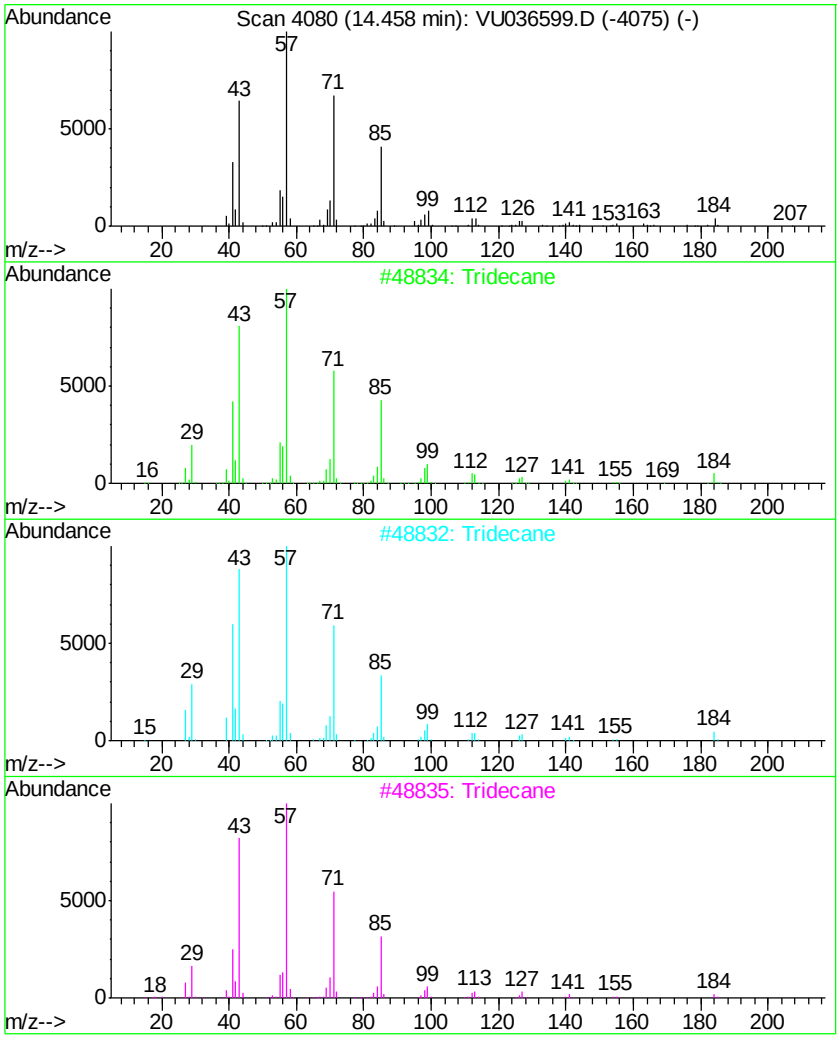
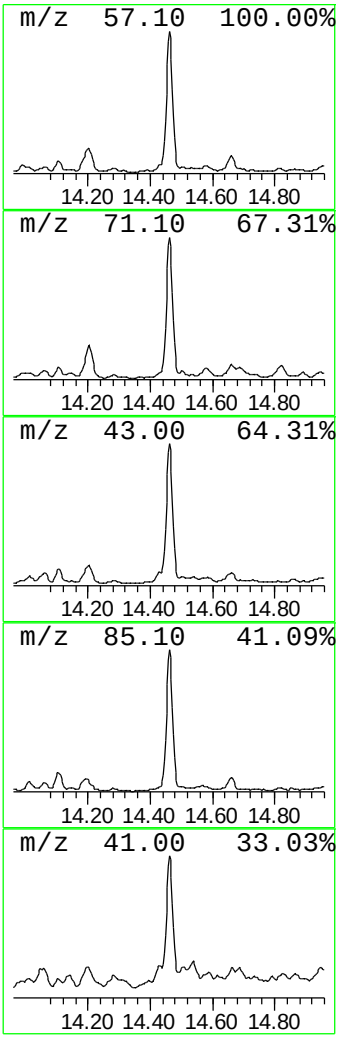
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	11.56 ug/L	207590	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	Tridecane	184	C13H28	000629-50-5	94
4	Tridecane	184	C13H28	000629-50-5	91
5	Tetradecane	198	C14H30	000629-59-4	87





Library Search Compound Report

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Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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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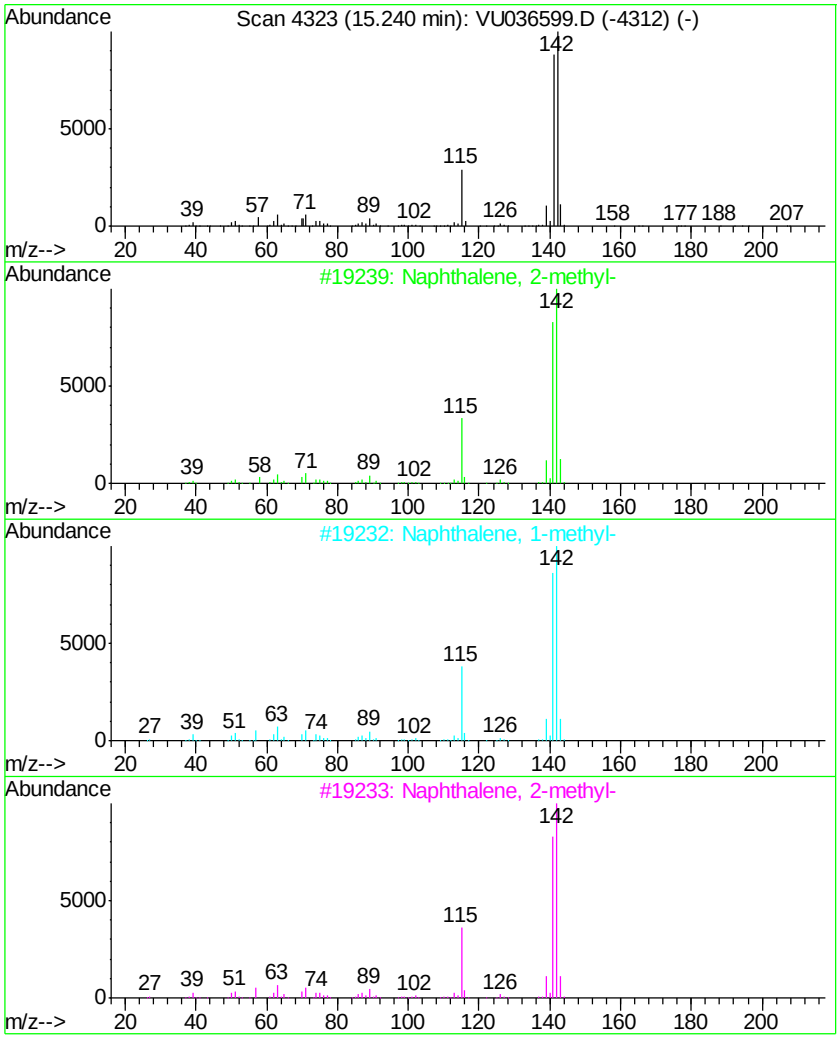
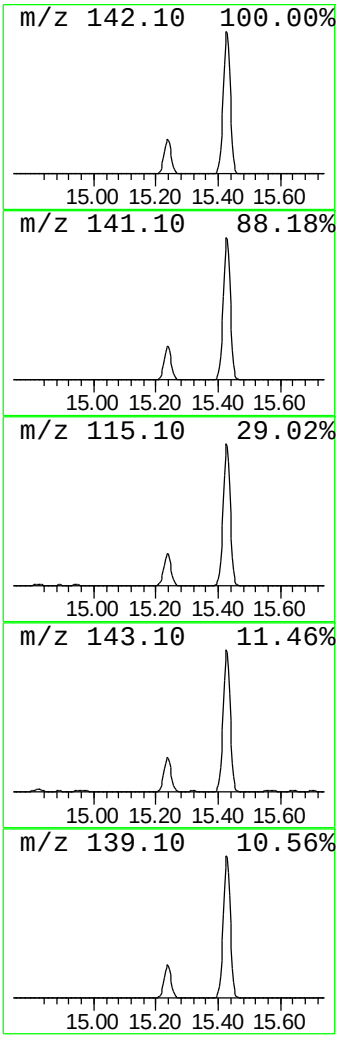
Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	189.28 ug/L	3400240	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, 1-methyl-	142	C11H10	000090-12-0	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 : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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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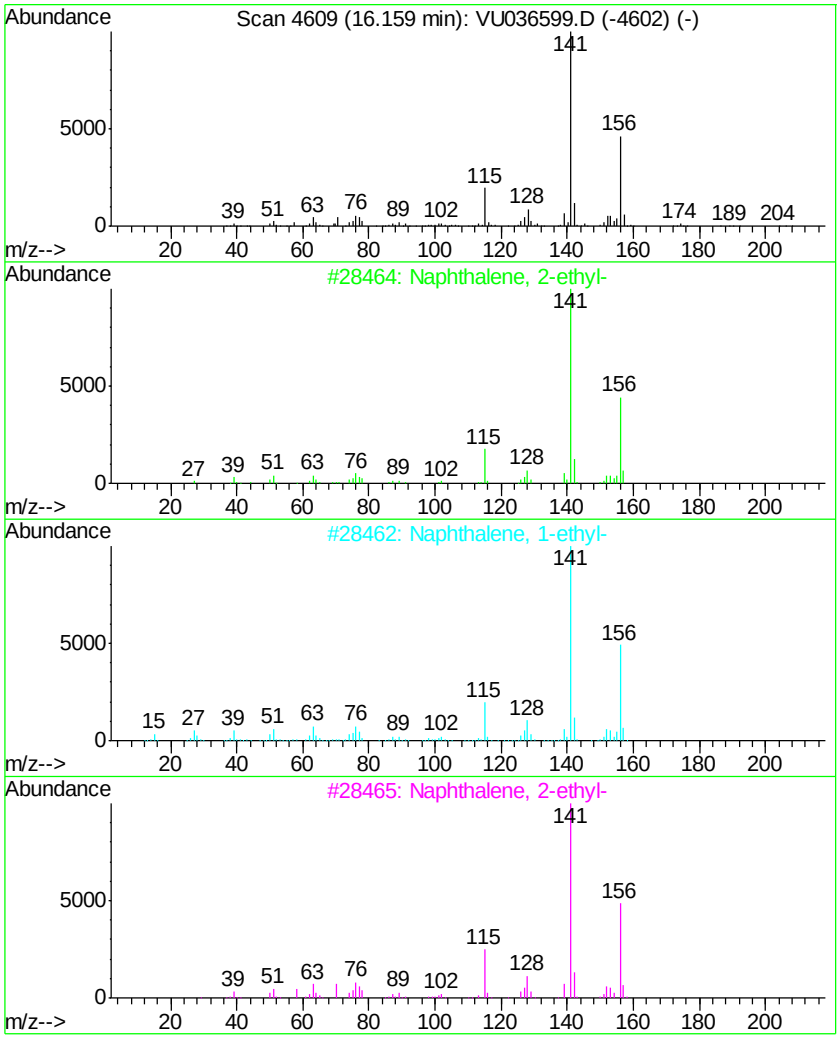
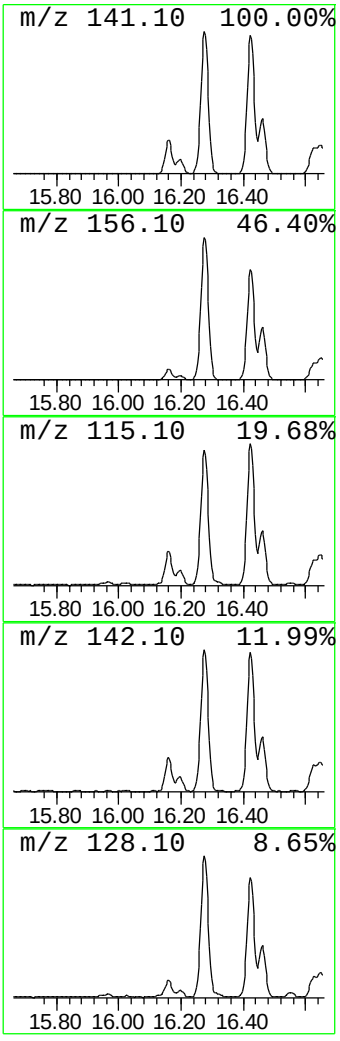
Peak Number 15 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	45.17 ug/L	811411	1,4-Dichlorobenzene-d4	11.83

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

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Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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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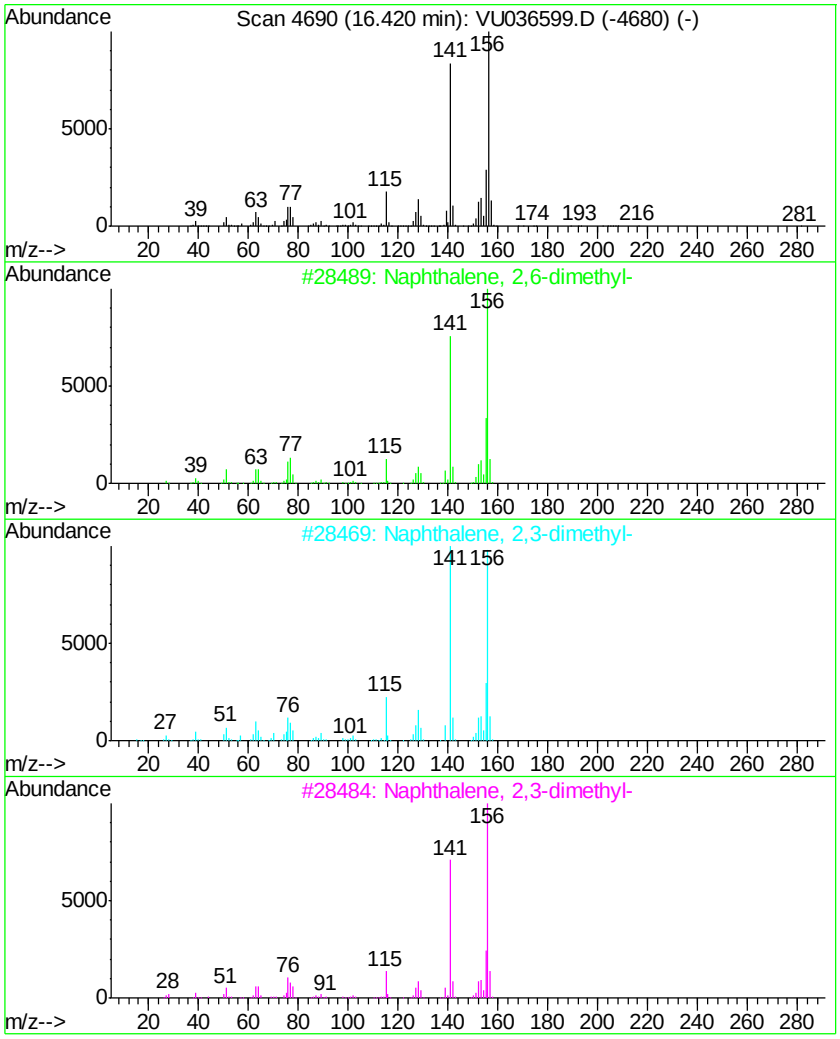
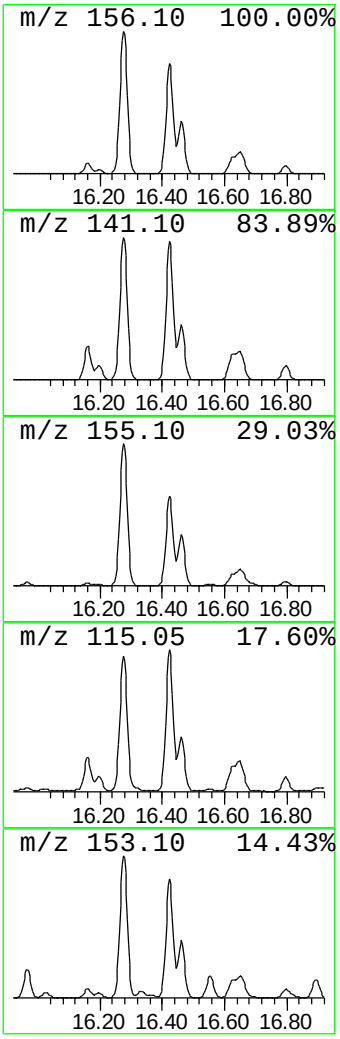
Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	391.49 ug/L	7032900	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	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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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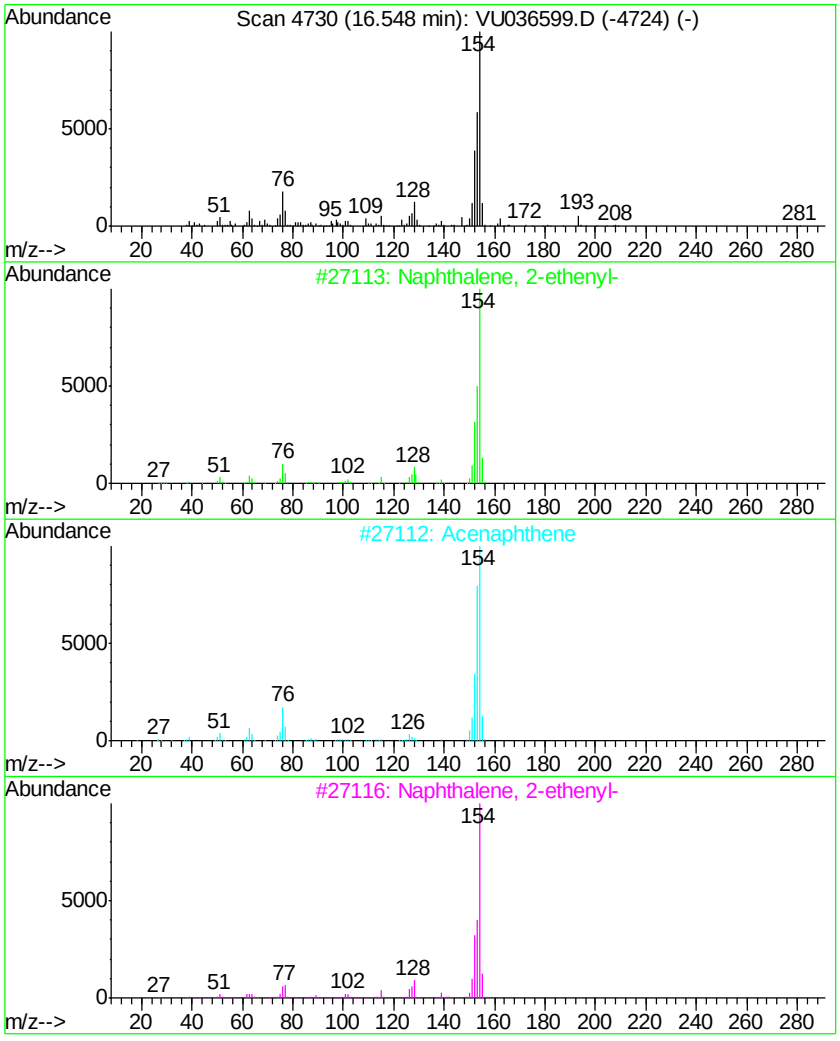
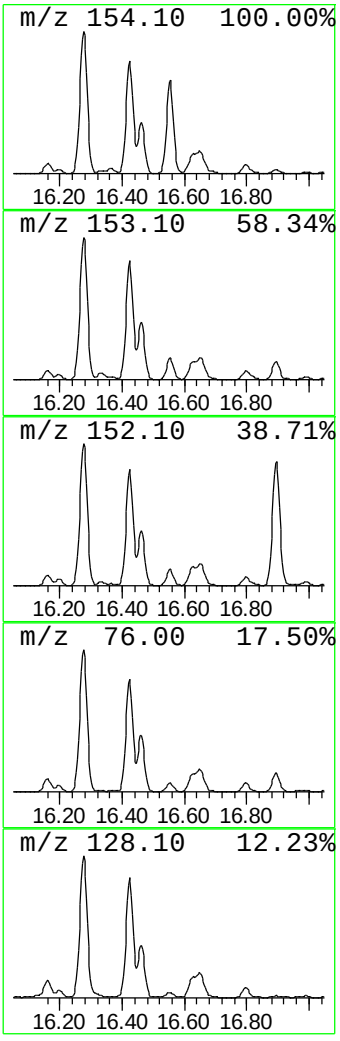
Peak Number 18 Naphthalene, 2-ethenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	17.24 ug/L	309719	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	Acenaphthene	154	C12H10	000083-32-9	92
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
4	Biphenyl	154	C12H10	000092-52-4	89
5	Biphenyl	154	C12H10	000092-52-4	64





Library Search Compound Report

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Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

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

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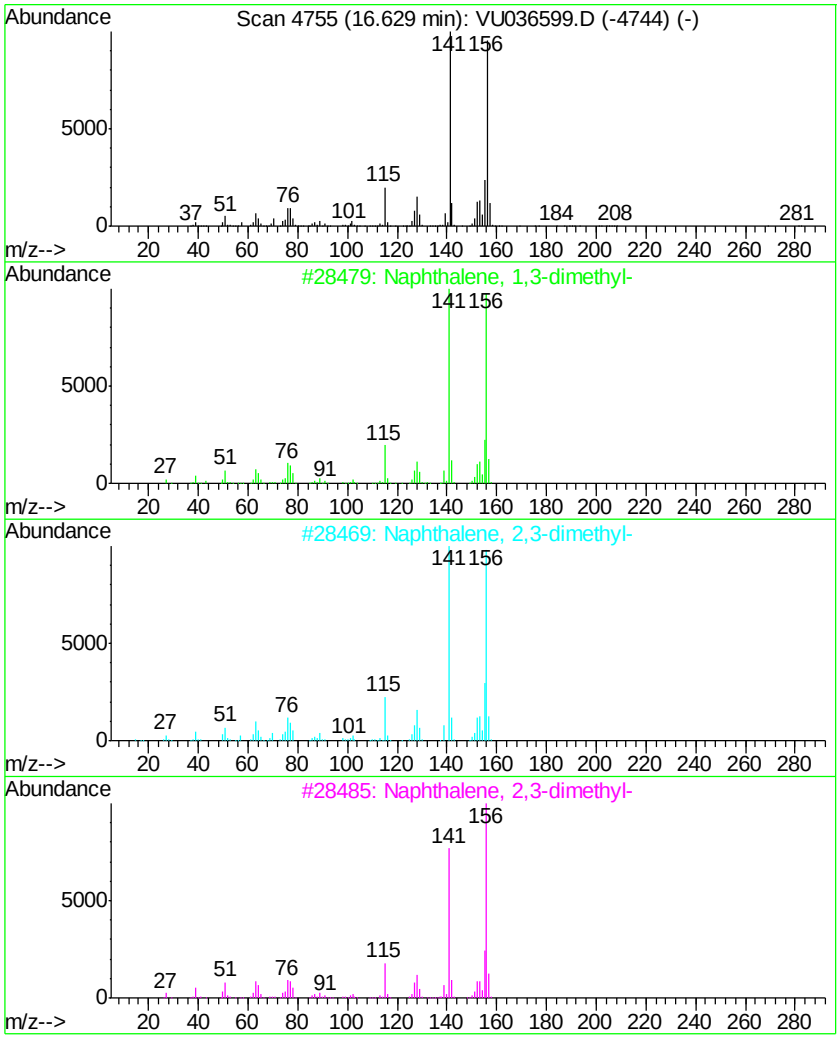
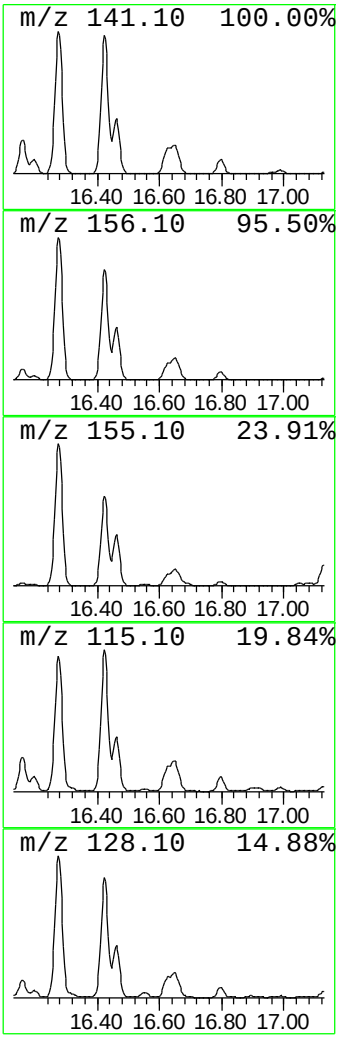
Peak Number 19 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	51.03 ug/L	916743	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	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

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Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

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

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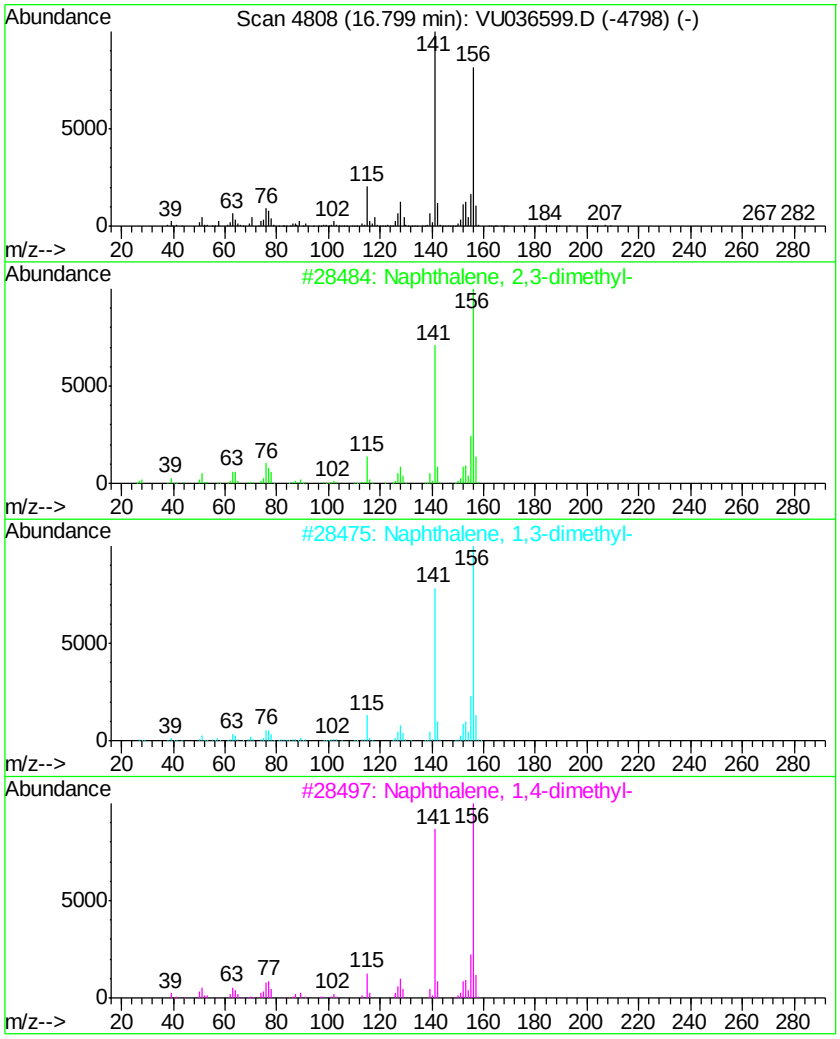
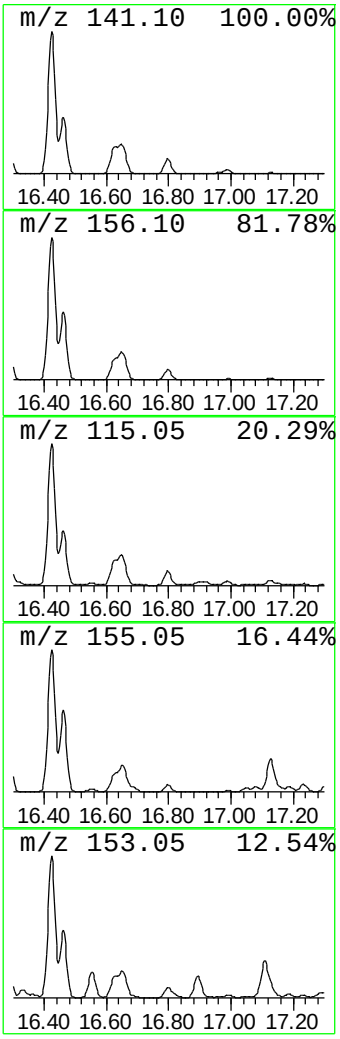
Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	35.60 ug/L	639524	1,4-Dichlorobenzene-d4	11.83

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





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Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

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

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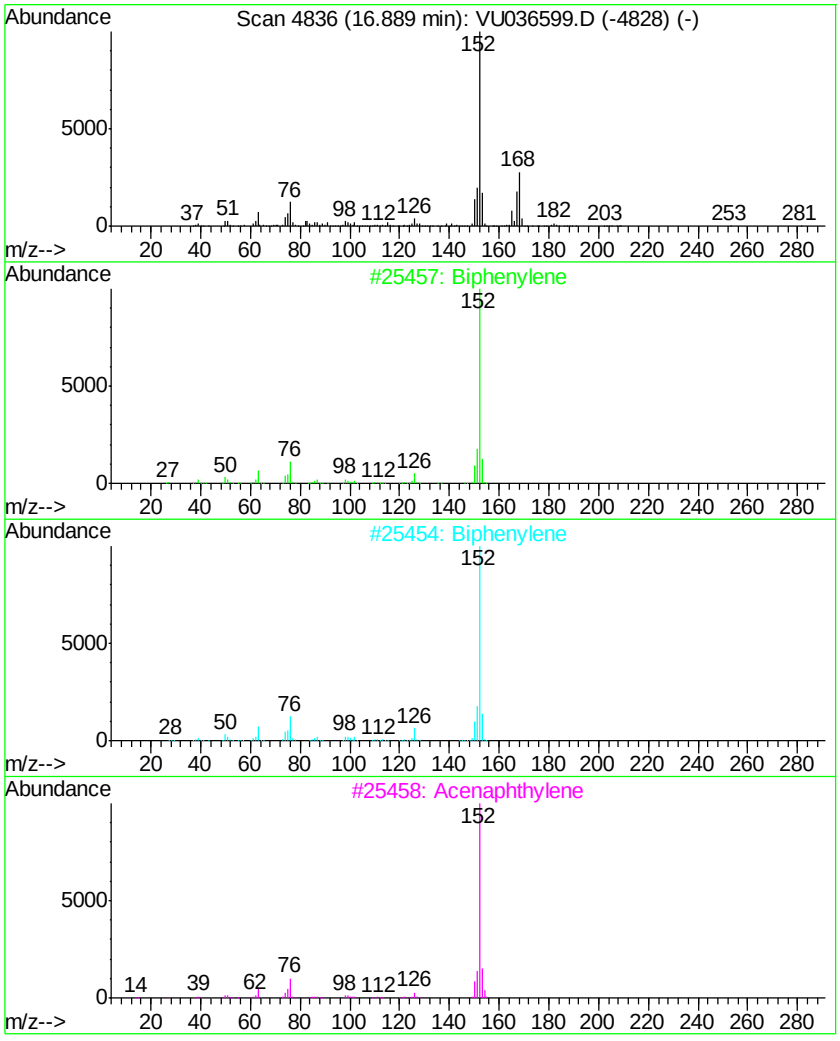
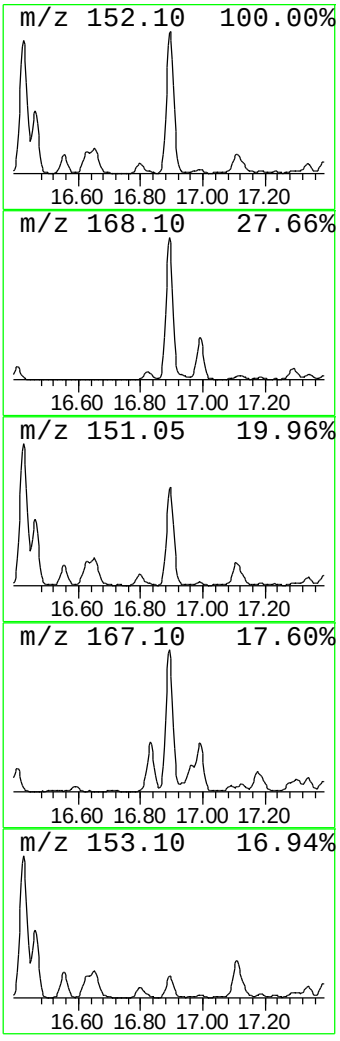
Peak Number 21 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	40.67 ug/L	730586	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	92
2	Biphenylene	152	C12H8	000259-79-0	89
3	Acenaphthylene	152	C12H8	000208-96-8	89
4	Acenaphthylene	152	C12H8	000208-96-8	64
5	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

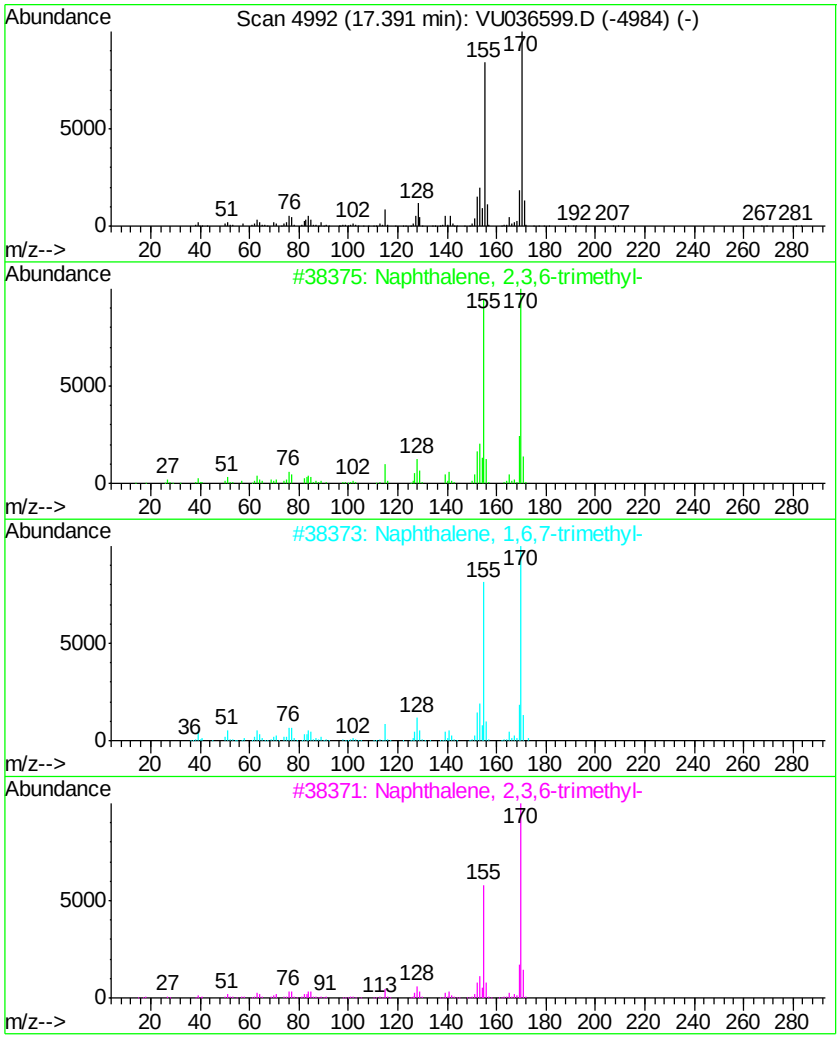
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

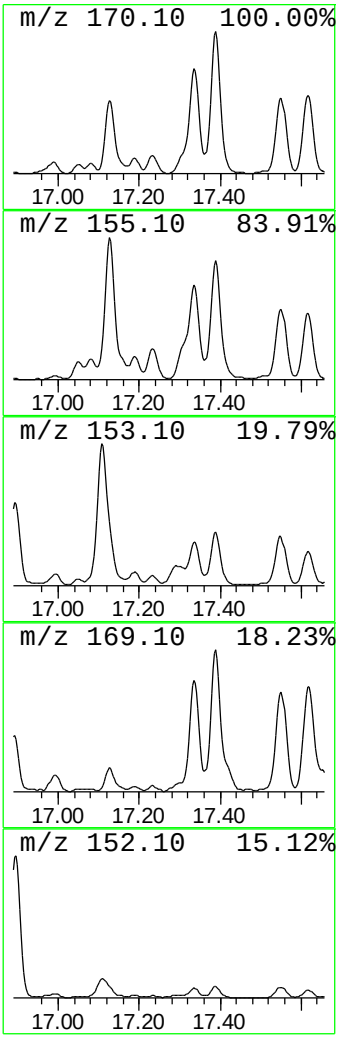
****

Peak Number 22 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	29.94 ug/L	537900	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT08

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 2-etheny...	12.77	8.0	ug/L	143679	3	11.83	898218	50.0
Benzene, 1,2,3,4-...	12.99	3.0	ug/L	54055	3	11.83	898218	50.0
Benzene, 1,2,4,5-...	13.04	9.3	ug/L	166347	3	11.83	898218	50.0
Benzene, 4-etheny...	13.17	9.3	ug/L	166573	3	11.83	898218	50.0
o-Cymene	13.46	26.0	ug/L	467430	3	11.83	898218	50.0
2-Methylindene	13.65	30.9	ug/L	554784	3	11.83	898218	50.0
Benzene, (2-methy...	13.71	4.0	ug/L	71663	3	11.83	898218	50.0
Benzene, (3-methy...	13.85	4.1	ug/L	73608	3	11.83	898218	50.0
(DEL) Alkane: Str...	14.46	11.6	ug/L	207590	3	11.83	898218	50.0
Naphthalene, 1-me...	15.24	189.3	ug/L	3400240	3	11.83	898218	50.0
Naphthalene, 2-et...	16.16	45.2	ug/L	811411	3	11.83	898218	50.0
Naphthalene, 2,6-...	16.42	391.5	ug/L	7032900	3	11.83	898218	50.0
Naphthalene, 2-et...	16.55	17.2	ug/L	309719	3	11.83	898218	50.0
Naphthalene, 1,3-...	16.63	51.0	ug/L	916743	3	11.83	898218	50.0
Naphthalene, 2,3-...	16.80	35.6	ug/L	639524	3	11.83	898218	50.0
Biphenylene	16.89	40.7	ug/L	730586	3	11.83	898218	50.0
Naphthalene, 2,3,...	17.39	29.9	ug/L	537900	3	11.83	898218	50.0