LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

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\SOMULM041719WMA.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	1.180	23	28	35	rBV2	16447	15429	0.64%	0.052%
2	1.396	88	95	112	rVB	361349	389395	16.18%	1.309%
3	1.679	175	183	194	rBV	324587	398899	16.57%	1.341%
4	2.267	355	366	380	rVB	626093	960538	39.91%	3.230%
5	2.370	396	398	406	rVB5	1395	1064	0.04%	0.004%
6	2.473	424	430	439	rVB5	1706	2377	0.10%	0.008%
7	2.524	443	446	450	rVB2	862	596	0.02%	0.002%
8	2.559	452	457	463	rBV4	908	1206	0.05%	0.004%
9	2.695	490	499	512	rBV6	2664	5569	0.23%	0.019%
10	2.759	518	519	523	rVB3	1139	555	0.02%	0.002%
11	2.836	537	543	549	rBV4	858	1148	0.05%	0.004%
12	2.910	563	566	570	rVB	865	644	0.03%	0.002%
13	2.932	570	573	576	rBV2	1135	805	0.03%	0.003%
14	2.965	580	583	587	rVB3	715	518	0.02%	0.002%
15	3.100	622	625	628	rBV2	798	601	0.02%	0.002%
16	3.206	655	658	662	rVB3	955	639	0.03%	0.002%
17	3.305	686	689	693	rBV3	1022	639	0.03%	0.002%
18	3.637	787	792	797	rBV3	752	785	0.03%	0.003%
19	3.965	889	894	900	rVB3	815	1149	0.05%	0.004%
20	3.997	900	904	906	rBV2	805	544	0.02%	0.002%
21	4.058	917	923	928	rBV3	864	906	0.04%	0.003%
22	4.183	949	962	994	rBV	197731	596506	24.78%	2.006%
23	4.643	1087	1105	1131	rBV	371814	889514	36.96%	2.991%
24	4.849	1163	1169	1171	rBV5	856	865	0.04%	0.003%
25	4.865	1171	1174	1177	rBV3	863	802	0.03%	0.003%
26	5.055	1226	1233	1235	rBV3	974	985	0.04%	0.003%
27	5.109	1246	1250	1253	rBV3	609	578	0.02%	0.002%
28	5.164	1264	1267	1273	rVB2	829	694	0.03%	0.002%
29	5.202	1276	1279	1283	rVB3	816	628	0.03%	0.002%
30	5.334	1292	1320	1378	rBV2	798672	2406947	100.00%	8.093%
31	5.665	1417	1423	1424	rBV4	1289	1083	0.04%	0.004%
32	5.813	1464	1469	1472	rVB2	642	537	0.02%	0.002%
33	5.881	1476	1490	1514	rBV	682563	1390339	57.76%	4.675%
34	6.180	1575	1583	1598	rVB	4081	9583	0.40%	0.032%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

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\SOMULM041719WMA.M
Title : VOC Analysis

35	6.254	1603	1606	1611	rVB4	1099	885	0.04%	0.003%
36	6.325	1611	1628	1660	rBV	514294	1076375	44.72%	3.619%
37	6.588	1708	1710	1713	rVB3	1040	523	0.02%	0.002%
38	6.604	1713	1715	1721	rVB5	1014	587	0.02%	0.002%
39	6.717	1747	1750	1753	rVB2	912	632	0.03%	0.002%
40	6.739	1753	1757	1759	rBV2	783	556	0.02%	0.002%
41	7.064	1856	1858	1863	rVB2	755	587	0.02%	0.002%
42	7.096	1863	1868	1873	rBV	619	674	0.03%	0.002%
43	7.225	1894	1908	1933	rBV	293350	554814	23.05%	1.865%
44	7.563	1998	2013	2054	rBV	1039240	1946741	80.88%	6.546%
45	7.784	2080	2082	2087	rVB3	1429	780	0.03%	0.003%
46	7.845	2091	2101	2132	rVV	198539	385849	16.03%	1.297%
47	8.164	2197	2200	2203	rBV4	1001	847	0.04%	0.003%
48	8.218	2214	2217	2223	rBV4	1208	1135	0.05%	0.004%
49	8.308	2234	2245	2278	rBV	763488	1408650	58.52%	4.736%
50	9.087	2473	2487	2515	rBV	979698	1683560	69.95%	5.661%
51	9.254	2536	2539	2545	rVB5	1374	1132	0.05%	0.004%
52	9.379	2574	2578	2588	rVB6	3279	4669	0.19%	0.016%
53	9.501	2612	2616	2620	rVB3	689	571	0.02%	0.002%
54	9.569	2632	2637	2640	rBV2	838	650	0.03%	0.002%
55	9.656	2662	2664	2668	rVB3	883	569	0.02%	0.002%
56	9.833	2716	2719	2723	rVB2	752	554	0.02%	0.002%
57	9.894	2731	2738	2740	rBV3	951	1032	0.04%	0.003%
58	10.109	2801	2805	2806	rBV2	759	552	0.02%	0.002%
59	10.257	2848	2851	2855	rBV3	834	763	0.03%	0.003%
60	10.276	2855	2857	2862	rVV3	742	598	0.02%	0.002%
61	10.305	2862	2866	2870	rVV2	763	607	0.03%	0.002%
62	10.357	2876	2882	2884	rBV4	636	643	0.03%	0.002%
63	10.427	2892	2904	2926	rBV	710429	1152074	47.86%	3.874%
64	10.585	2949	2953	2954	rBV3	1494	940	0.04%	0.003%
65	10.685	2978	2984	2989	rVV5	3109	3662	0.15%	0.012%
66	10.771	3004	3011	3015	rBV5	1598	1937	0.08%	0.007%
67	10.842	3029	3033	3034	rBV2	992	582	0.02%	0.002%
68	10.900	3046	3051	3055	rBV6	1168	1177	0.05%	0.004%
69	10.932	3057	3061	3063	rBV3	1086	764	0.03%	0.003%
70	10.948	3063	3066	3069	rBV4	1683	1190	0.05%	0.004%
71	11.109	3112	3116	3119	rBV3	1877	1608	0.07%	0.005%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

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\SOMULM041719WMA.M
Title : VOC Analysis

72	11.148	3123	3128	3138	rVB6	6499	9893	0.41%	0.033%
73	11.222	3143	3151	3161	rBV6	6649	12300	0.51%	0.041%
74	11.479	3219	3231	3253	rBV	995153	1623164	67.44%	5.458%
75	11.855	3335	3348	3371	rBV	957756	1625365	67.53%	5.465%
76	11.980	3381	3387	3399	rVB2	19348	30700	1.28%	0.103%
77	12.144	3436	3438	3440	rBV3	1259	641	0.03%	0.002%
78	13.128	3735	3744	3750	rBV9	5353	9151	0.38%	0.031%
79	13.189	3756	3763	3772	rVB3	12660	19766	0.82%	0.066%
80	13.292	3787	3795	3805	rVB7	13996	25516	1.06%	0.086%
81	13.382	3821	3823	3832	rVB7	2893	2849	0.12%	0.010%
82	13.739	3923	3934	3966	rBV	645716	1119301	46.50%	3.763%
83	14.138	4051	4058	4066	rBV7	7010	11438	0.48%	0.038%
84	14.344	4116	4122	4128	rVB8	4888	6329	0.26%	0.021%
85	14.874	4275	4287	4308	rBV	873068	1475736	61.31%	4.962%
86	15.057	4334	4344	4363	rVB	396245	668875	27.79%	2.249%
87	15.604	4505	4514	4527	rBV	169859	273743	11.37%	0.920%
88	15.797	4567	4574	4581	rBV2	95294	136619	5.68%	0.459%
89	15.909	4598	4609	4626	rBV	722606	1251913	52.01%	4.209%
90	16.054	4644	4654	4661	rBV	589822	936804	38.92%	3.150%
91	16.093	4662	4666	4682	rVB	325014	475449	19.75%	1.599%
92	16.186	4685	4695	4708	rBV	449608	721092	29.96%	2.425%
93	16.279	4711	4724	4748	rVB	255666	578780	24.05%	1.946%
94	16.427	4762	4770	4783	rBV2	121371	192674	8.00%	0.648%
95	16.524	4789	4800	4819	rBV3	589113	1145014	47.57%	3.850%
96	16.630	4826	4833	4843	rVB3	164737	257752	10.71%	0.867%
97	17.016	4946	4953	4976	rVB3	221435	501876	20.85%	1.687%
98	17.163	4990	4999	5009	rBV	354072	573954	23.85%	1.930%
99	17.224	5010	5018	5028	rVB	232479	355582	14.77%	1.196%
100	17.527	5103	5112	5127	rBV3	207540	376184	15.63%	1.265%

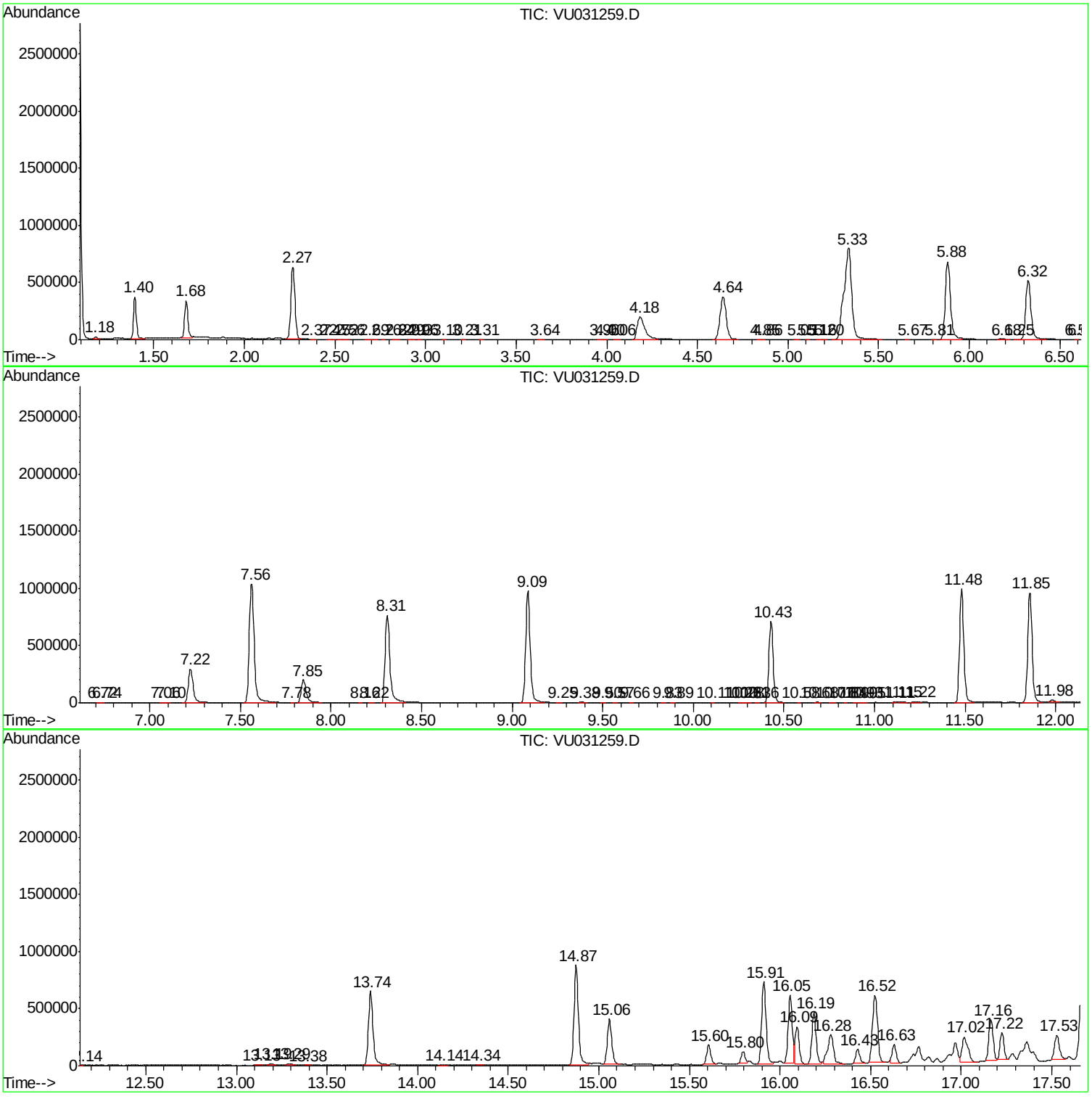
Sum of corrected areas: 29740996

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.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\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

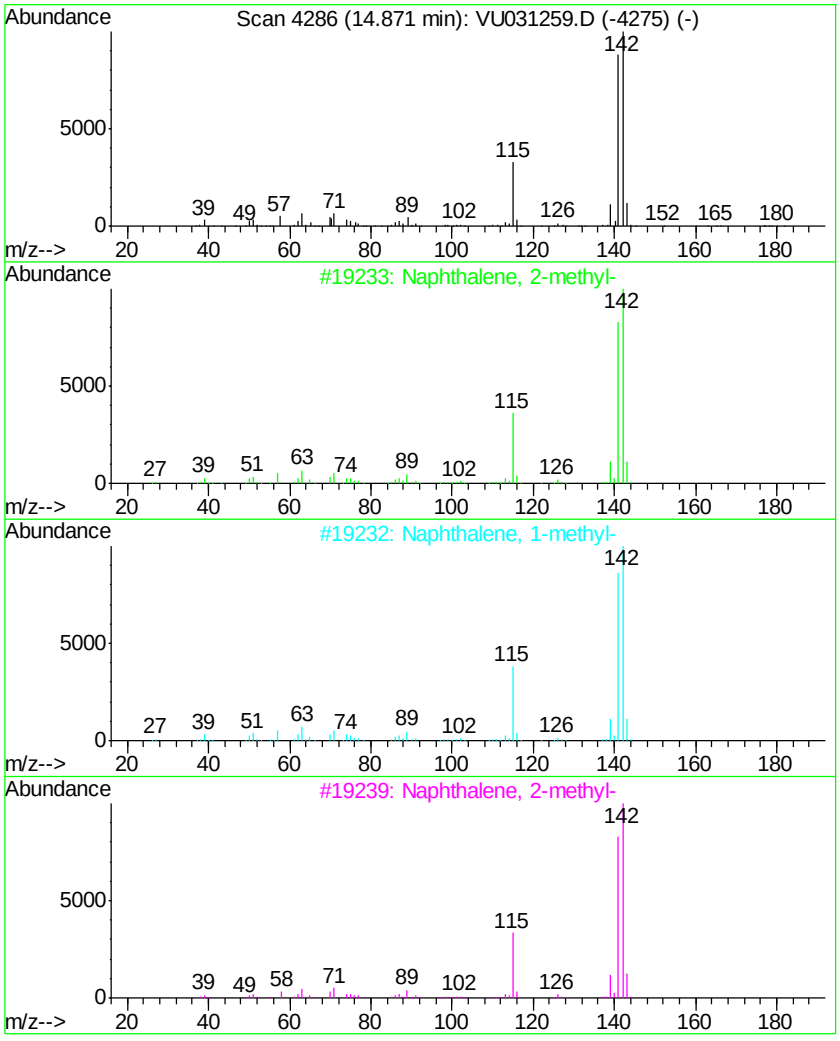
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

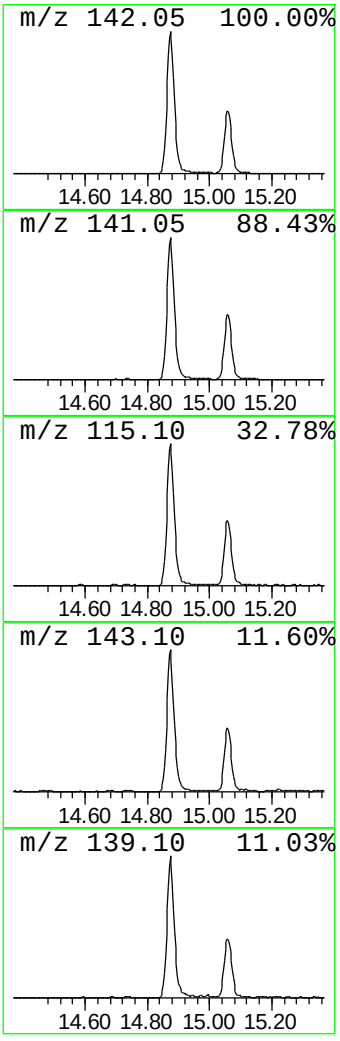
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	45.46 ug/L	1475740	1,4-Dichlorobenzene-d4	11.48

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, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

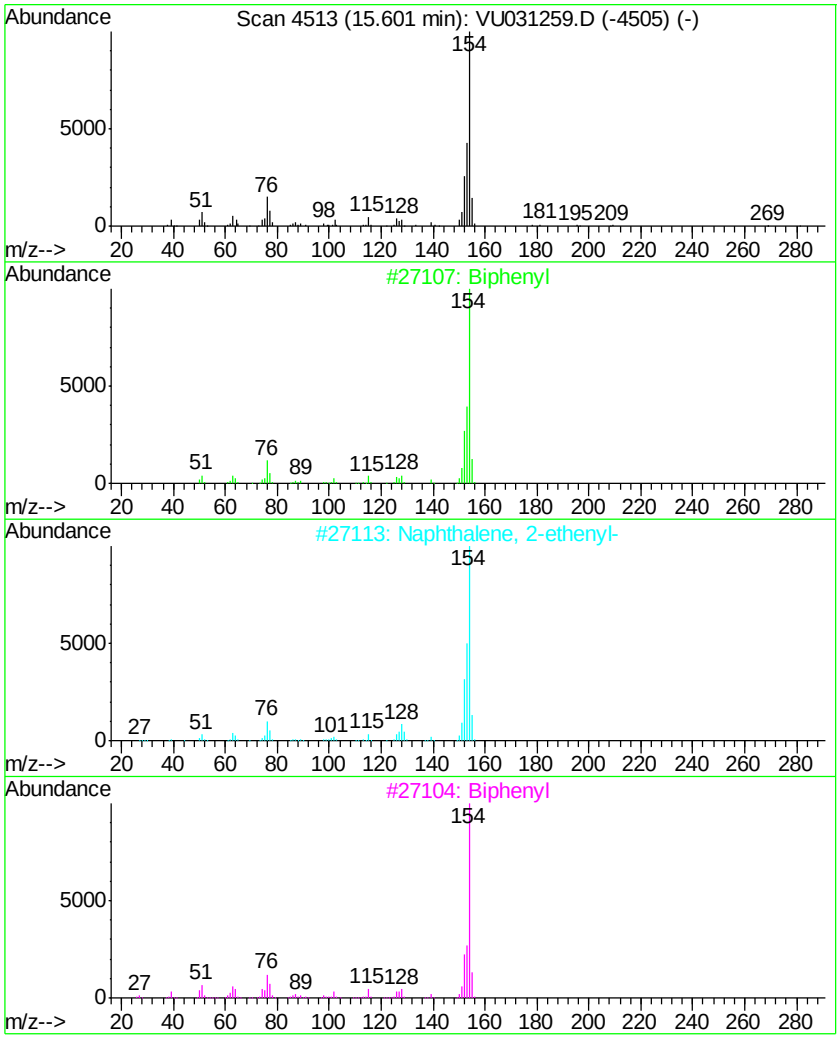
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

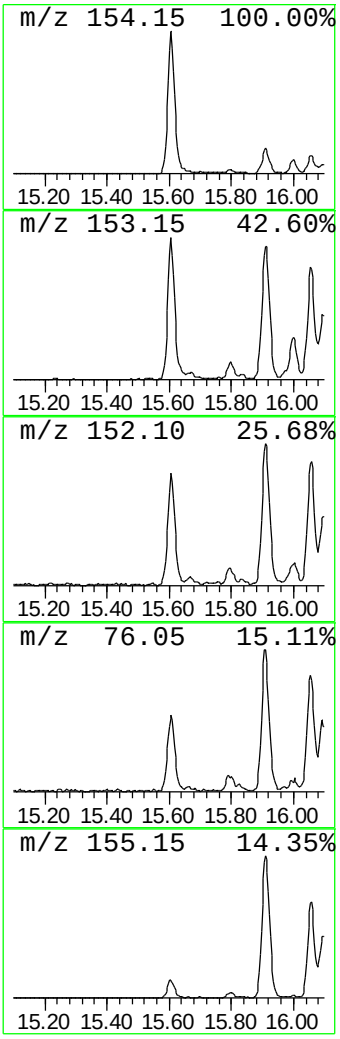
****

Peak Number 4 Biphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	8.43 ug/L	273743	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	94
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
3	Biphenyl	154	C12H10	000092-52-4	76
4	Biphenyl	154	C12H10	000092-52-4	76
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

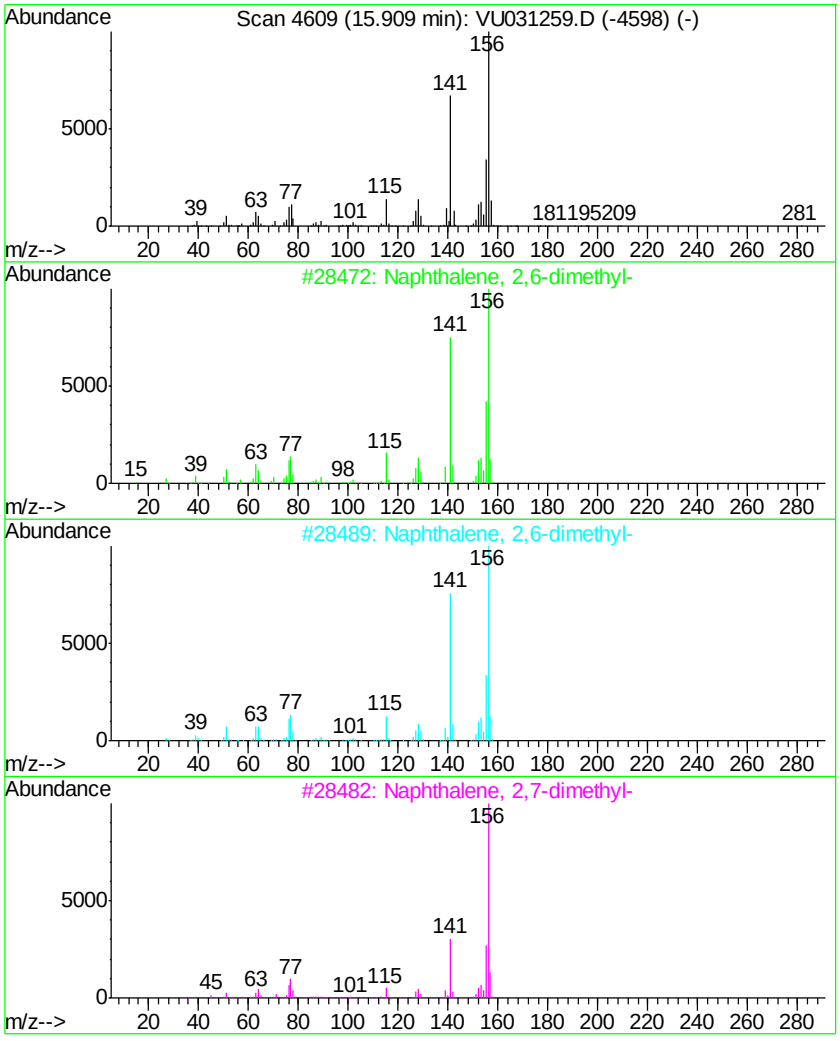
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

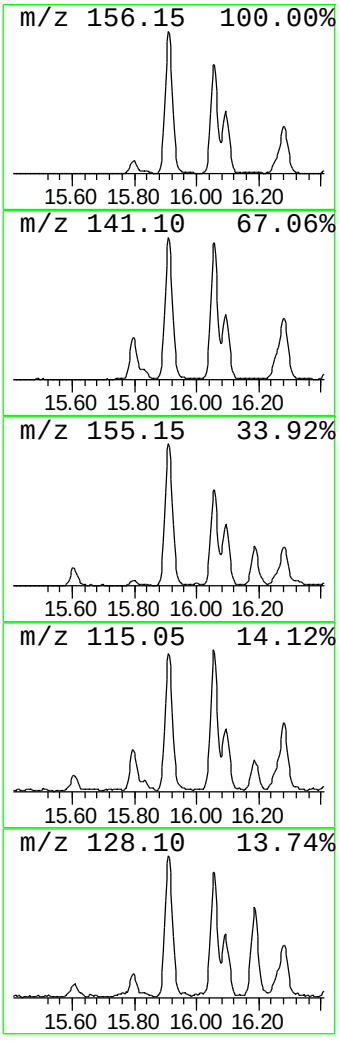
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	38.56 ug/L	1251910	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

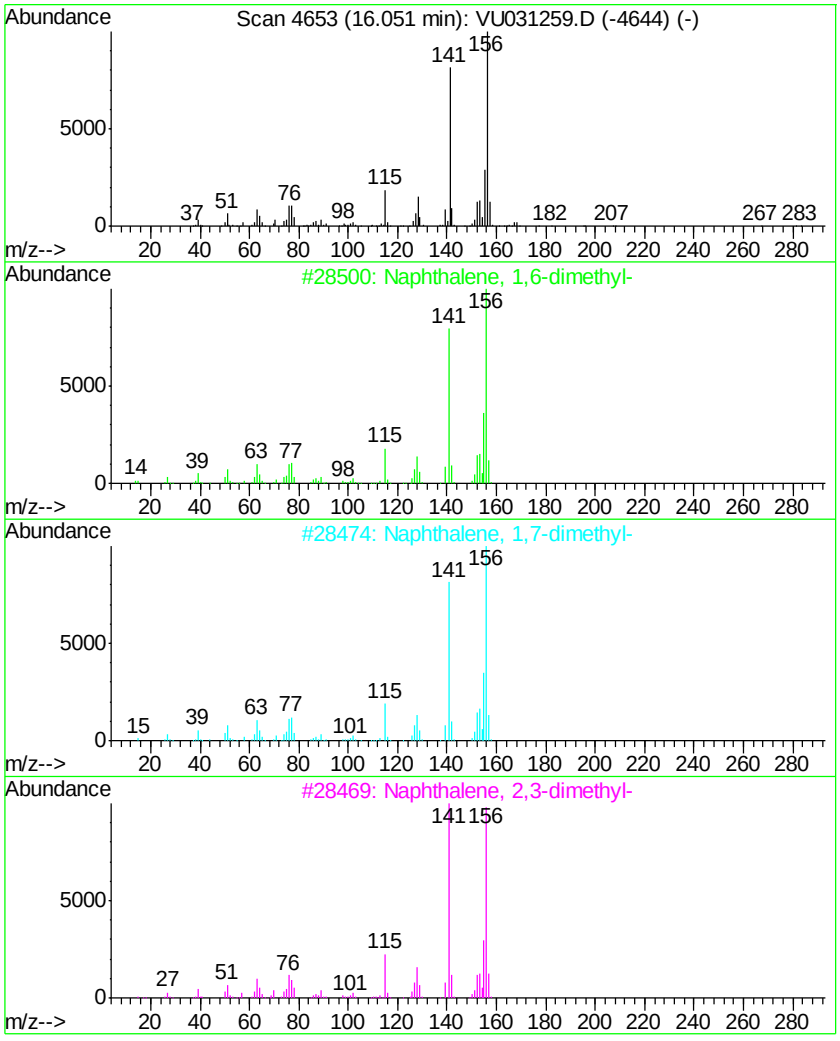
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

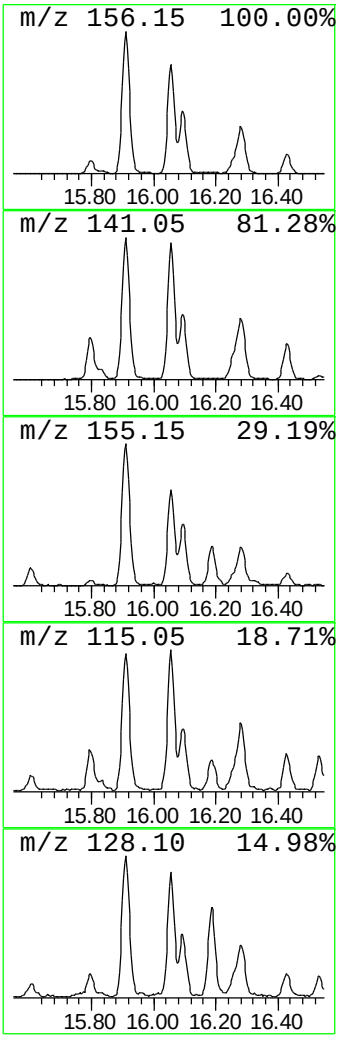
****

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	28.86 ug/L	936804	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

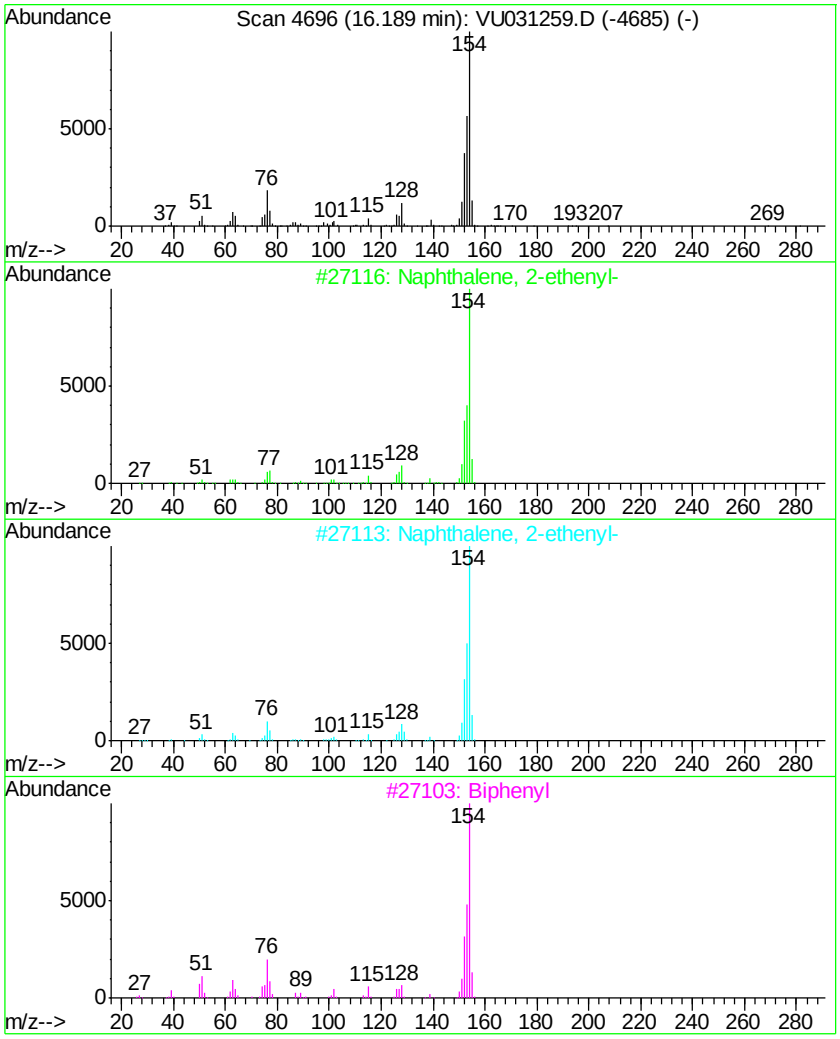
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

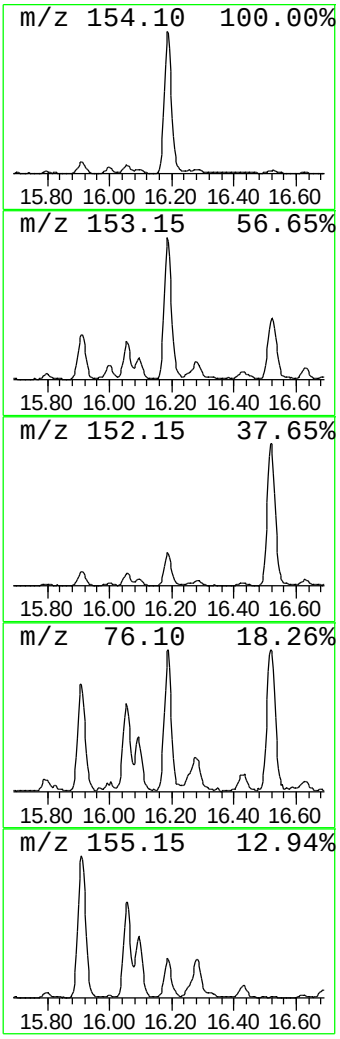
****

Peak Number 9 Naphthalene, 2-ethenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	22.21 ug/L	721092	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	95
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
3	Biphenyl	154	C12H10	000092-52-4	90
4	Biphenyl	154	C12H10	000092-52-4	81
5	Acenaphthene	154	C12H10	000083-32-9	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

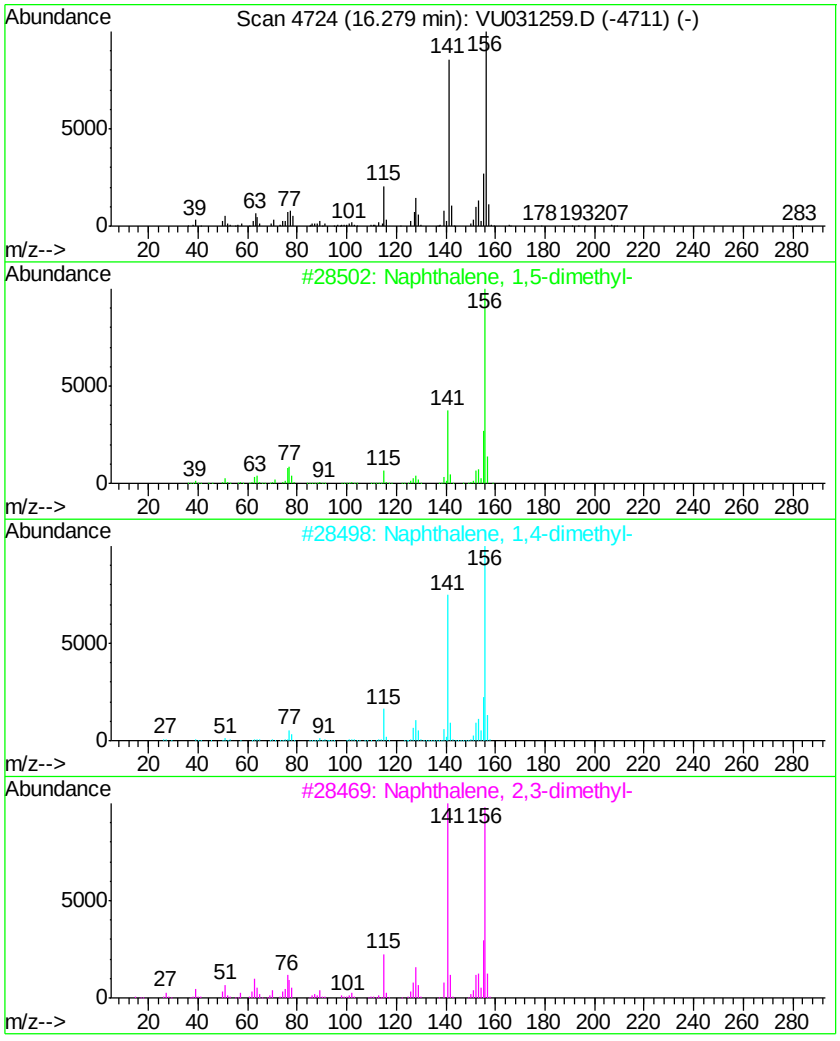
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

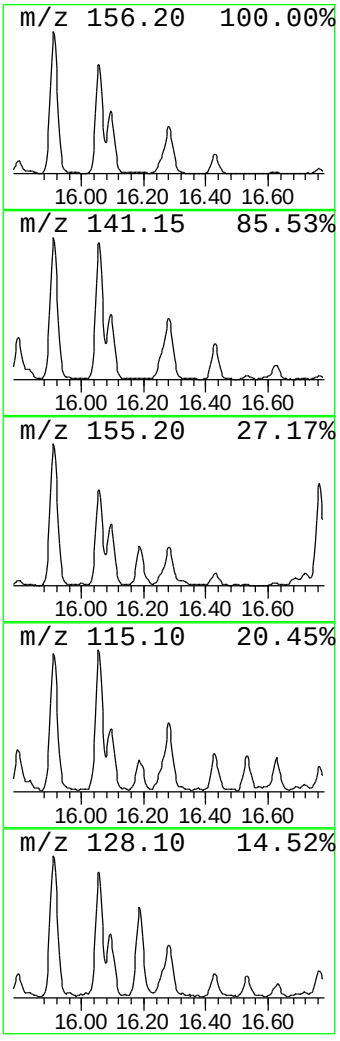
****

Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	17.83 ug/L	578780	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





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Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

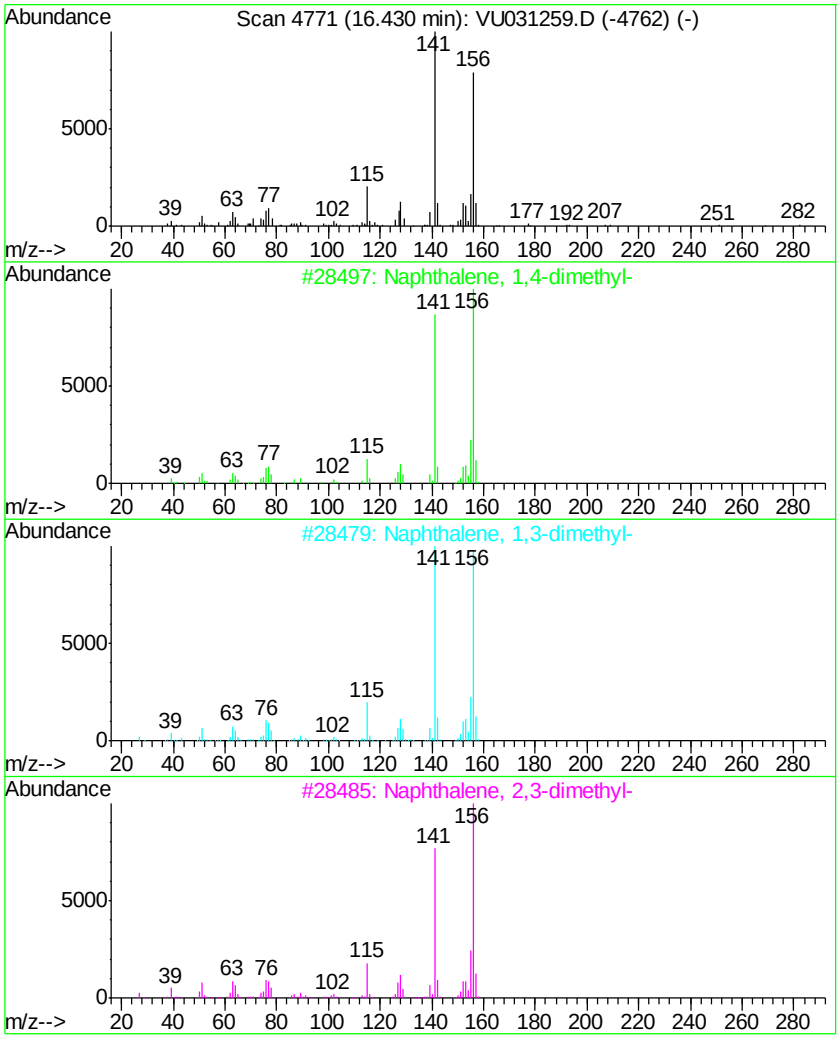
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

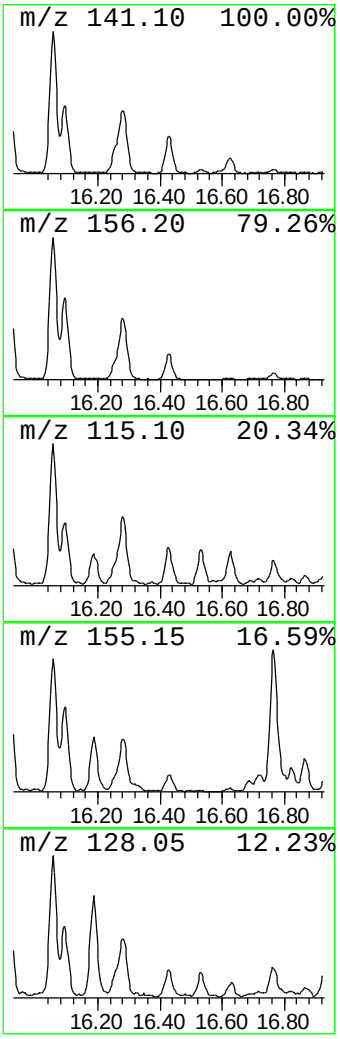
****

Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	5.94 ug/L	192674	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





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Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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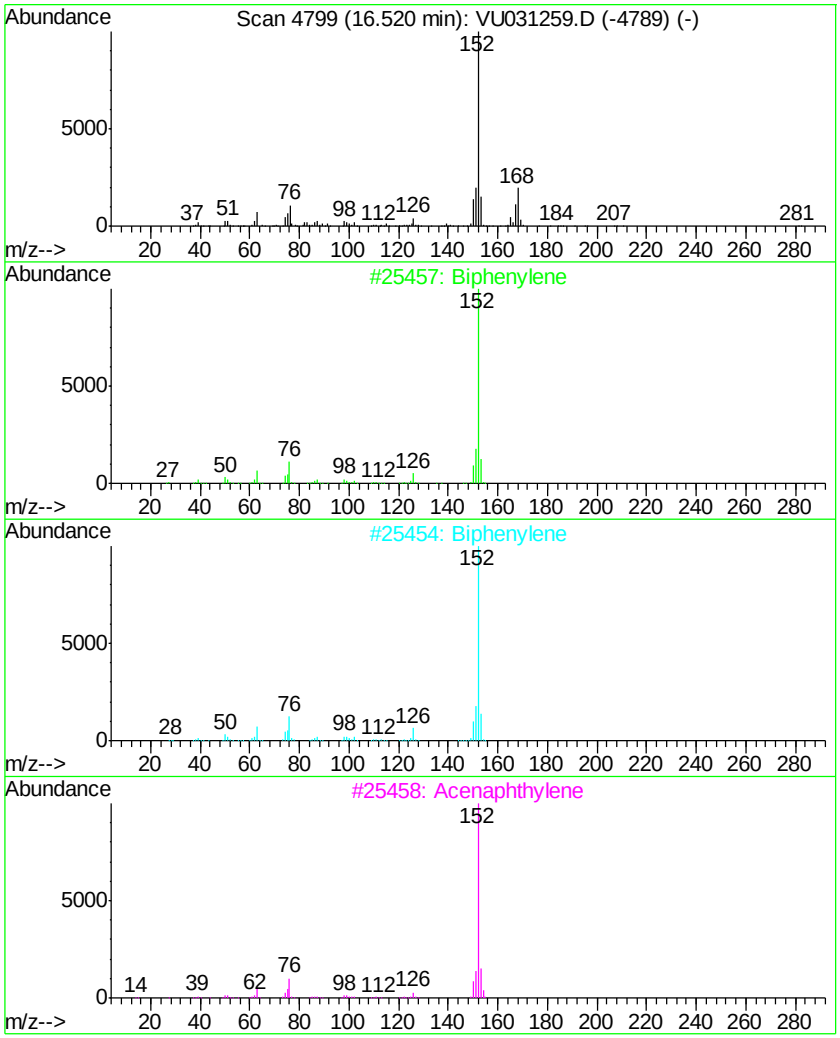
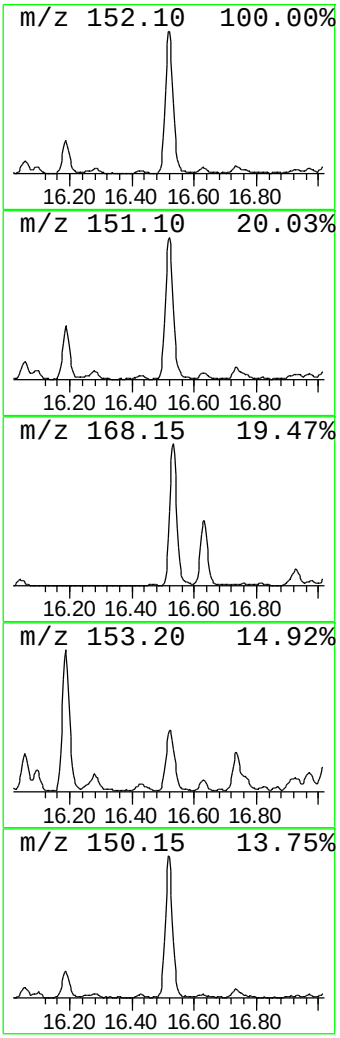
Peak Number 12 Biphenylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	35.27 ug/L	1145010	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	89
2	Biphenylene	152	C12H8	000259-79-0	89
3	Acenaphthylene	152	C12H8	000208-96-8	70
4	Acenaphthylene	152	C12H8	000208-96-8	64
5	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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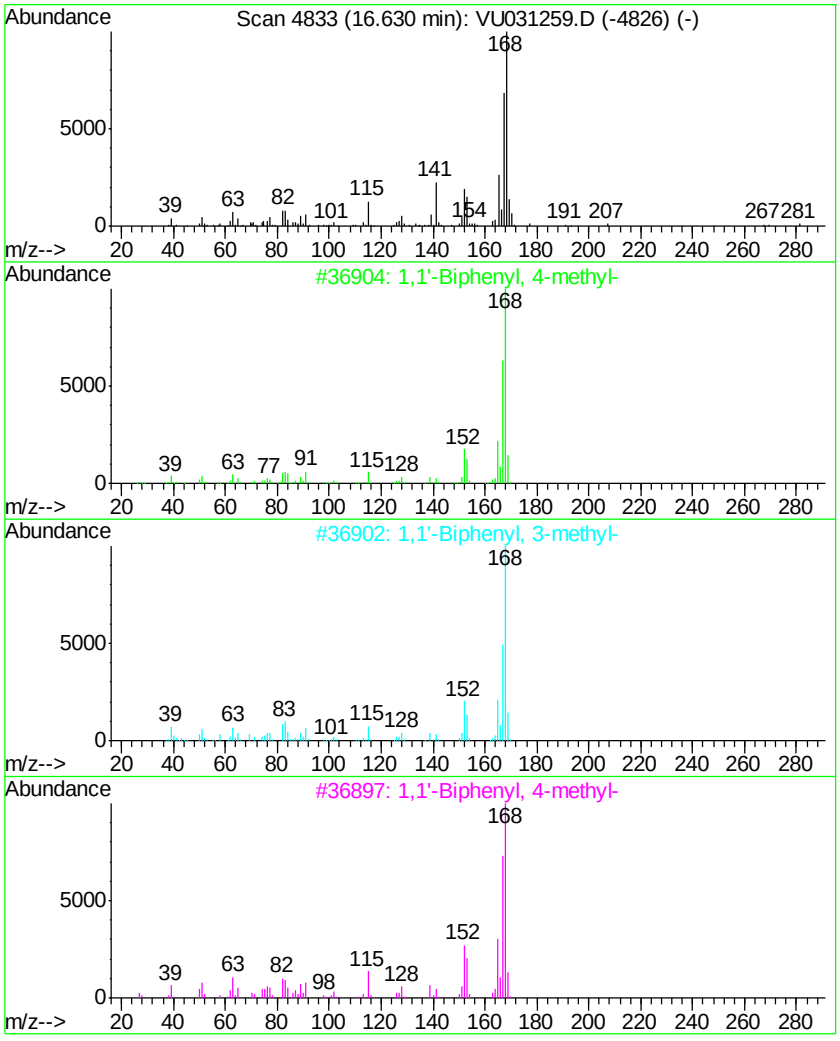
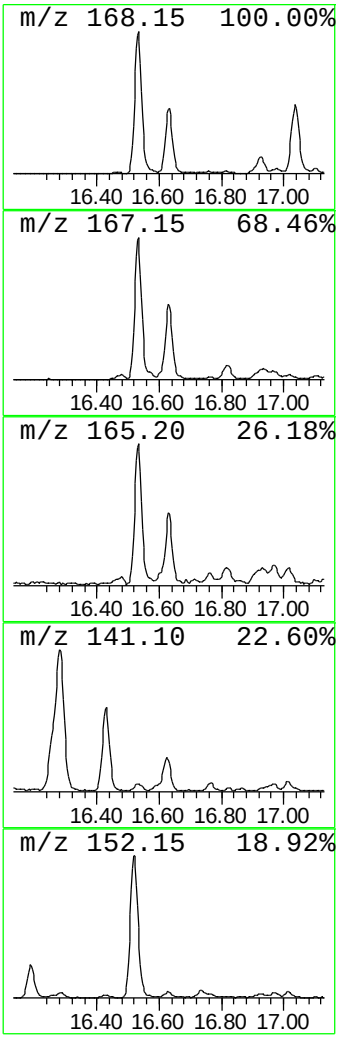
Peak Number 13 1,1'-Biphenyl, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	7.94 ug/L	257752	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	92
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	89
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	89
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	89





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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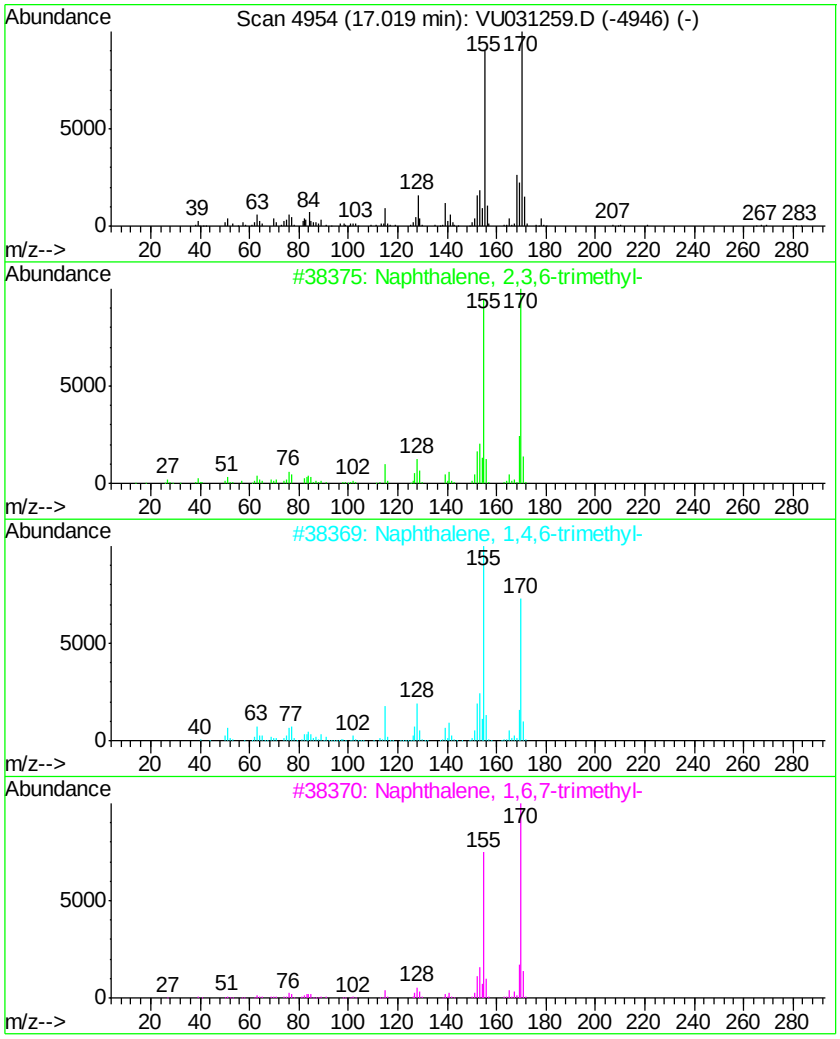
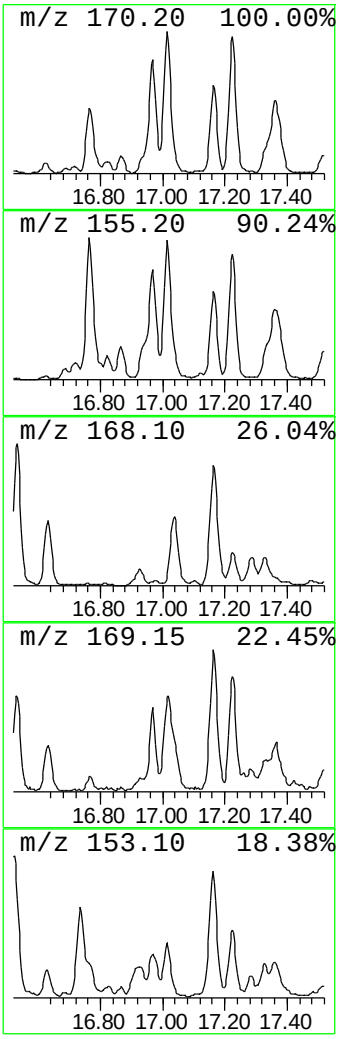
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	15.46 ug/L	501876	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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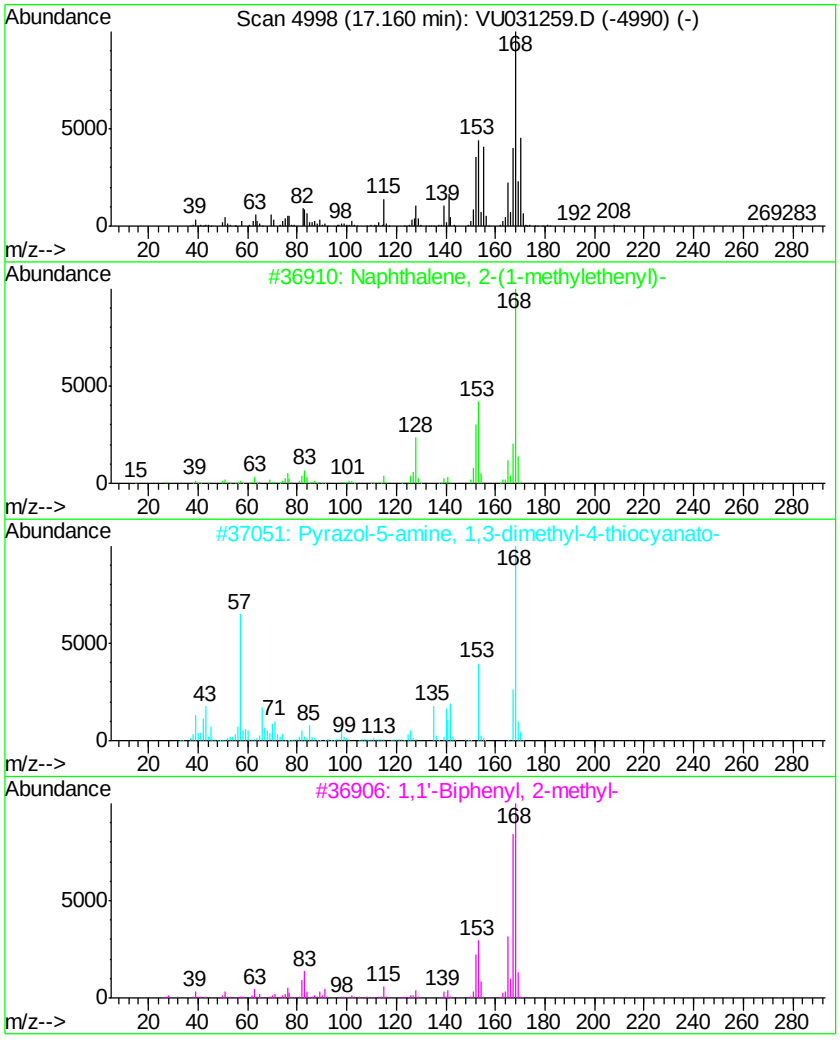
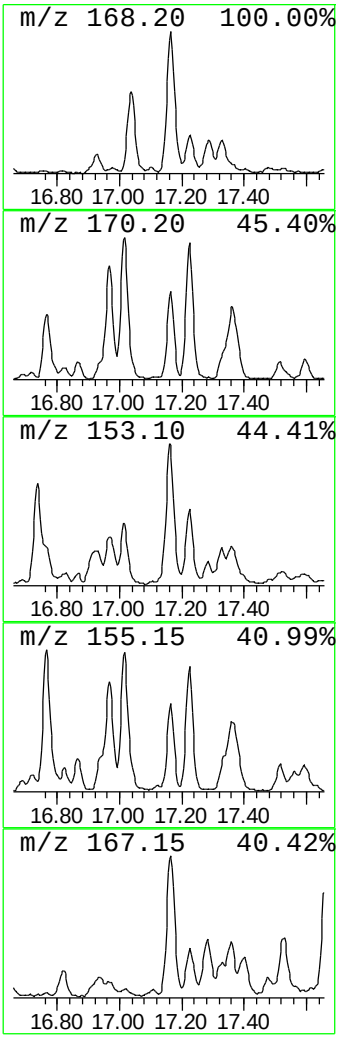
Peak Number 15 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	17.68 ug/L	573954	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46
2	Pyrazol-5-amine, 1,3-dimethyl-4-...	168	C6H8N4S	019688-92-7	43
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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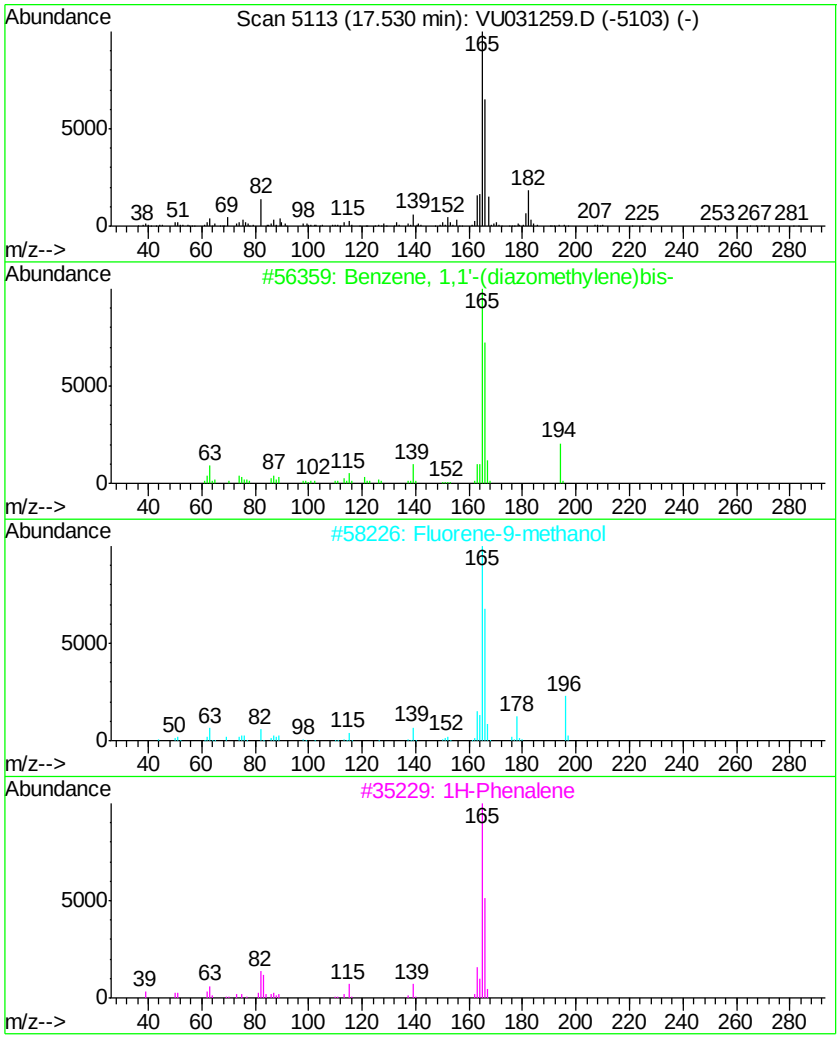
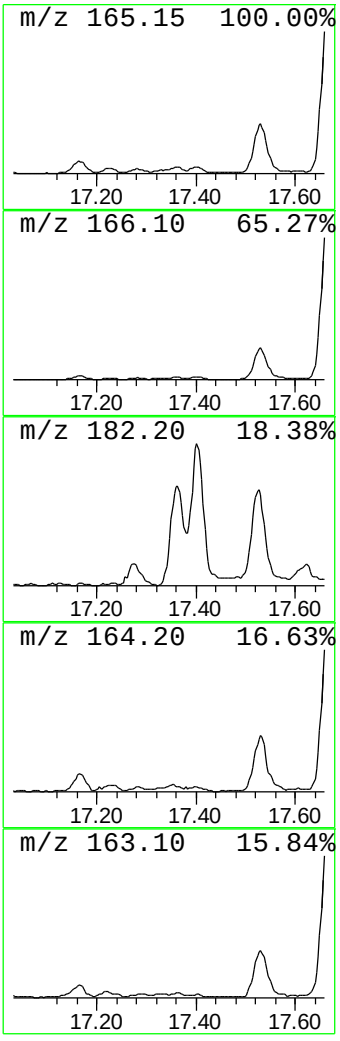
Peak Number 17 Benzene, 1,1'-(diazomethyle... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	11.59 ug/L	376184	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	64
2	Fluorene-9-methanol	196	C14H12O	024324-17-2	64
3	1H-Phenalene	166	C13H10	000203-80-5	62
4	Fluorene	166	C13H10	000086-73-7	60
5	Fluorene-9-malononitrile	230	C16H10N2	006235-14-9	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031259.D
Acq On : 17 Apr 2019 15:01
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.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
Naphthalene, 1-me...	14.87	45.5	ug/L	1475740	3	11.48	1623160	50.0
Biphenyl	15.60	8.4	ug/L	273743	3	11.48	1623160	50.0
Naphthalene, 2,6-...	15.91	38.6	ug/L	1251910	3	11.48	1623160	50.0
Naphthalene, 1,6-...	16.05	28.9	ug/L	936804	3	11.48	1623160	50.0
Naphthalene, 2-et...	16.19	22.2	ug/L	721092	3	11.48	1623160	50.0
Naphthalene, 1,5-...	16.28	17.8	ug/L	578780	3	11.48	1623160	50.0
Naphthalene, 1,4-...	16.43	5.9	ug/L	192674	3	11.48	1623160	50.0
Biphenylene	16.52	35.3	ug/L	1145010	3	11.48	1623160	50.0
1,1'-Biphenyl, 4-...	16.63	7.9	ug/L	257752	3	11.48	1623160	50.0
Naphthalene, 2,3,...	17.02	15.5	ug/L	501876	3	11.48	1623160	50.0
unknown-01	17.16	17.7	ug/L	573954	3	11.48	1623160	50.0
Benzene, 1,1'-(di...	17.53	11.6	ug/L	376184	3	11.48	1623160	50.0