LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

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\SOMULM011420WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.613	78	85	98	rBV	243121	259224	6.73%	0.757%
2	1.928	176	183	195	rVB	209318	271965	7.06%	0.794%
3	2.594	377	390	404	rBV	387496	650348	16.88%	1.898%
4	2.819	458	460	462	rBV3	949	651	0.02%	0.002%
5	2.861	467	473	476	rVB5	773	789	0.02%	0.002%
6	2.961	502	504	509	rVV4	971	743	0.02%	0.002%
7	3.025	521	524	527	rBV2	805	611	0.02%	0.002%
8	3.079	532	541	547	rVV6	3243	5275	0.14%	0.015%
9	3.227	577	587	601	rVB2	11314	24998	0.65%	0.073%
10	3.475	660	664	668	rBV4	1075	916	0.02%	0.003%
11	3.520	671	678	681	rBV6	937	996	0.03%	0.003%
12	3.973	818	819	826	rVB3	890	596	0.02%	0.002%
13	4.083	850	853	855	rVB2	1024	535	0.01%	0.002%
14	4.102	855	859	861	rBV2	1043	708	0.02%	0.002%
15	4.250	902	905	912	rVB5	756	766	0.02%	0.002%
16	4.369	939	942	945	rVB2	916	605	0.02%	0.002%
17	4.398	945	951	955	rBV4	1227	1500	0.04%	0.004%
18	4.597	1010	1013	1016	rVB3	716	522	0.01%	0.002%
19	4.677	1024	1038	1065	rBV	203810	506248	13.14%	1.478%
20	4.822	1081	1083	1089	rVB5	969	706	0.02%	0.002%
21	4.903	1104	1108	1110	rBV3	866	539	0.01%	0.002%
22	4.938	1117	1119	1122	rBV2	635	516	0.01%	0.002%
23	4.993	1133	1136	1139	rBV3	963	575	0.01%	0.002%
24	5.015	1139	1143	1144	rBV3	950	604	0.02%	0.002%
25	5.112	1156	1173	1195	rBV	354185	806349	20.93%	2.353%
26	5.401	1260	1263	1264	rVV	1120	694	0.02%	0.002%
27	5.411	1264	1266	1269	rVV3	1385	869	0.02%	0.003%
28	5.427	1269	1271	1275	rVV3	1245	990	0.03%	0.003%
29	5.575	1314	1317	1321	rVB4	962	583	0.02%	0.002%
30	5.604	1321	1326	1327	rBV4	889	567	0.01%	0.002%
31	5.767	1353	1377	1399	rBV2	728955	1962223	50.94%	5.727%
32	5.931	1425	1428	1432	rBV5	1507	1314	0.03%	0.004%
33	6.118	1484	1486	1489	rVB4	941	522	0.01%	0.002%
34	6.147	1489	1495	1502	rBV8	1469	1802	0.05%	0.005%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

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\SOMULM011420WMA.M
Title : VOC Analysis

35	6.288	1524	1539	1561	rBV	661523	1252397	32.51%	3.655%
36	6.404	1573	1575	1581	rVB4	764	633	0.02%	0.002%
37	6.465	1591	1594	1597	rBV2	1281	815	0.02%	0.002%
38	6.565	1611	1625	1638	rVB3	18573	35667	0.93%	0.104%
39	6.729	1661	1676	1696	rBV	469024	919993	23.88%	2.685%
40	7.005	1759	1762	1767	rBV3	583	532	0.01%	0.002%
41	7.140	1798	1804	1806	rBV4	664	602	0.02%	0.002%
42	7.156	1806	1809	1814	rVB3	817	607	0.02%	0.002%
43	7.208	1818	1825	1826	rBV4	1600	1631	0.04%	0.005%
44	7.410	1885	1888	1891	rVB3	965	601	0.02%	0.002%
45	7.600	1932	1947	1962	rBV	283101	503464	13.07%	1.469%
46	7.790	2001	2006	2008	rBV4	1107	993	0.03%	0.003%
47	7.803	2008	2010	2012	rBV4	1511	914	0.02%	0.003%
48	7.931	2035	2050	2064	rBV	915288	1589669	41.27%	4.640%
49	8.211	2125	2137	2152	rBV	203504	345455	8.97%	1.008%
50	8.365	2183	2185	2191	rVB4	1551	1264	0.03%	0.004%
51	8.427	2199	2204	2209	rVB6	1127	1191	0.03%	0.003%
52	8.449	2209	2211	2213	rBV2	977	612	0.02%	0.002%
53	8.568	2246	2248	2250	rBV3	1153	750	0.02%	0.002%
54	8.619	2260	2264	2266	rBV3	693	610	0.02%	0.002%
55	8.668	2266	2279	2328	rVV	627451	1182702	30.70%	3.452%
56	8.918	2355	2357	2360	rVV	1188	687	0.02%	0.002%
57	8.935	2360	2362	2364	rVV2	978	664	0.02%	0.002%
58	8.957	2364	2369	2377	rVV6	2119	2634	0.07%	0.008%
59	9.089	2406	2410	2414	rVB5	1523	1205	0.03%	0.004%
60	9.124	2418	2421	2423	rBV3	782	592	0.02%	0.002%
61	9.195	2440	2443	2448	rVV6	964	689	0.02%	0.002%
62	9.227	2448	2453	2457	rVB4	1071	897	0.02%	0.003%
63	9.285	2469	2471	2474	rBV3	911	535	0.01%	0.002%
64	9.359	2489	2494	2496	rBV4	1136	782	0.02%	0.002%
65	9.388	2500	2503	2507	rBV2	1105	690	0.02%	0.002%
66	9.446	2507	2521	2541	rBV	919307	1541300	40.01%	4.499%
67	9.597	2562	2568	2575	rVB4	4504	5749	0.15%	0.017%
68	9.719	2595	2606	2615	rVV3	25773	42689	1.11%	0.125%
69	9.764	2615	2620	2624	rBV6	2992	2821	0.07%	0.008%
70	10.053	2705	2710	2712	rBV3	1347	1277	0.03%	0.004%
71	10.127	2723	2733	2746	rBV7	14094	26095	0.68%	0.076%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

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\SOMULM011420WMA.M
Title : VOC Analysis

72	10.259	2770	2774	2775	rBV3	949	586	0.02%	0.002%
73	10.272	2775	2778	2779	rBV2	1377	810	0.02%	0.002%
74	10.369	2801	2808	2809	rBV6	1311	1262	0.03%	0.004%
75	10.420	2819	2824	2828	rBV8	1350	1747	0.05%	0.005%
76	10.491	2842	2846	2847	rBV3	1196	772	0.02%	0.002%
77	10.510	2850	2852	2854	rBV3	917	541	0.01%	0.002%
78	10.648	2893	2895	2897	rBV2	1181	614	0.02%	0.002%
79	10.783	2924	2937	2954	rBV	650702	1085733	28.19%	3.169%
80	11.433	3135	3139	3146	rVB7	5720	6612	0.17%	0.019%
81	11.488	3149	3156	3168	rVB2	25321	39822	1.03%	0.116%
82	11.558	3174	3178	3185	rVB6	9783	12006	0.31%	0.035%
83	11.835	3252	3264	3279	rVB	922358	1506441	39.11%	4.397%
84	11.967	3301	3305	3312	rBV9	6479	9178	0.24%	0.027%
85	12.214	3373	3382	3405	rVB	969100	1640303	42.58%	4.788%
86	12.340	3413	3421	3432	rVB4	103834	174259	4.52%	0.509%
87	13.446	3758	3765	3785	rBV2	101810	190001	4.93%	0.555%
88	13.600	3809	3813	3819	rBV3	19886	22882	0.59%	0.067%
89	14.105	3960	3970	3988	rVB	1078522	1737247	45.10%	5.070%
90	14.462	4075	4081	4089	rVB	96687	126604	3.29%	0.370%
91	15.237	4311	4322	4351	rVB	2380405	3852031	100.00%	11.243%
92	15.423	4370	4380	4401	rVB	1126019	1944622	50.48%	5.676%
93	15.966	4541	4549	4560	rVB	495044	749188	19.45%	2.187%
94	16.159	4602	4609	4617	rBV	378337	543280	14.10%	1.586%
95	16.275	4634	4645	4665	rVB	1765175	3027735	78.60%	8.837%
96	16.423	4681	4691	4697	rBV	1572135	2470865	64.14%	7.212%
97	16.555	4725	4732	4743	rVB2	173946	273358	7.10%	0.798%
98	16.648	4746	4761	4782	rVB2	529810	1264328	32.82%	3.690%
99	16.799	4800	4808	4826	rVB	268459	445172	11.56%	1.299%
100	16.896	4829	4838	4852	rVB2	732351	1156598	30.03%	3.376%

Sum of corrected areas: 34261854

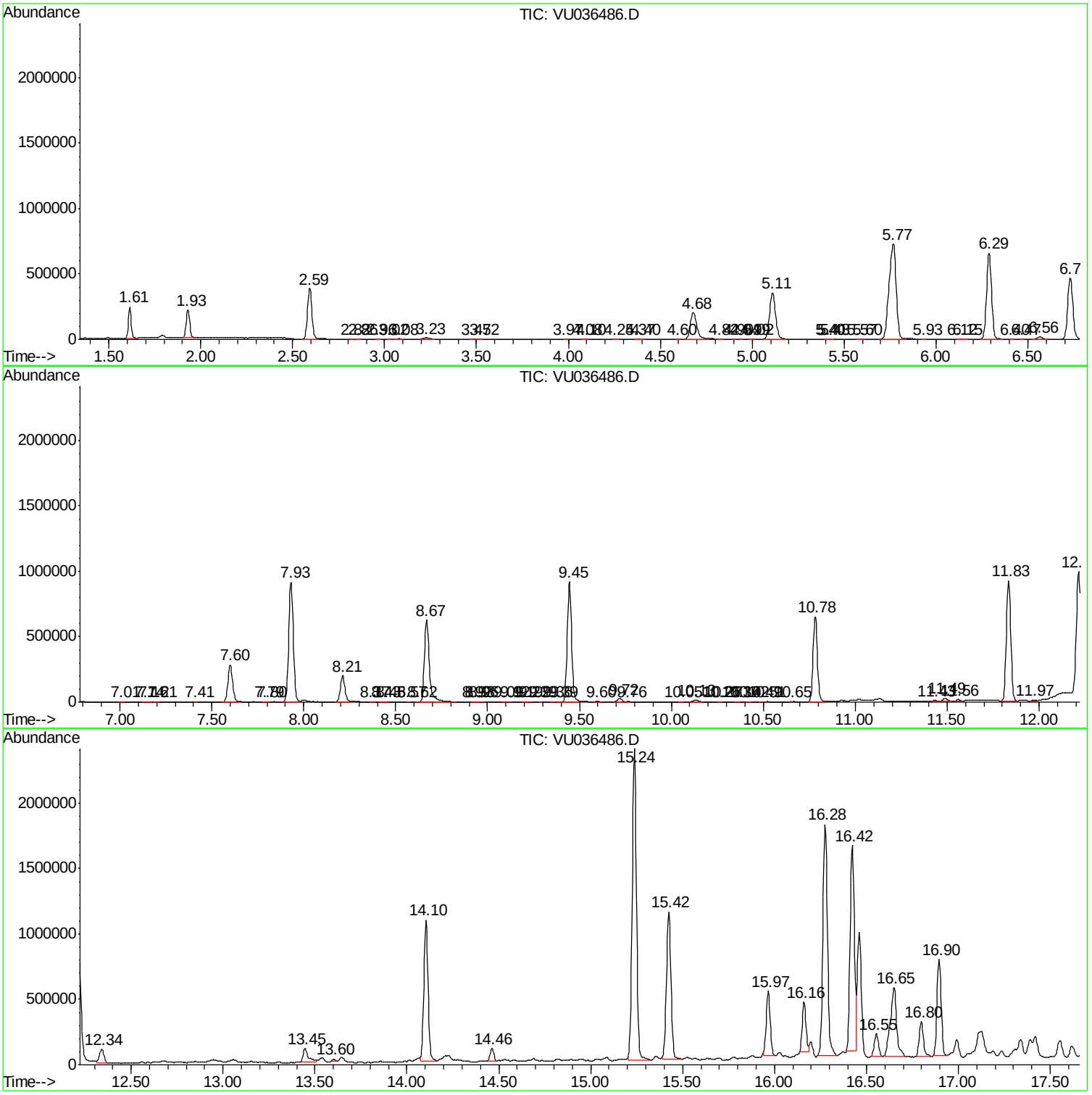
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.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\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

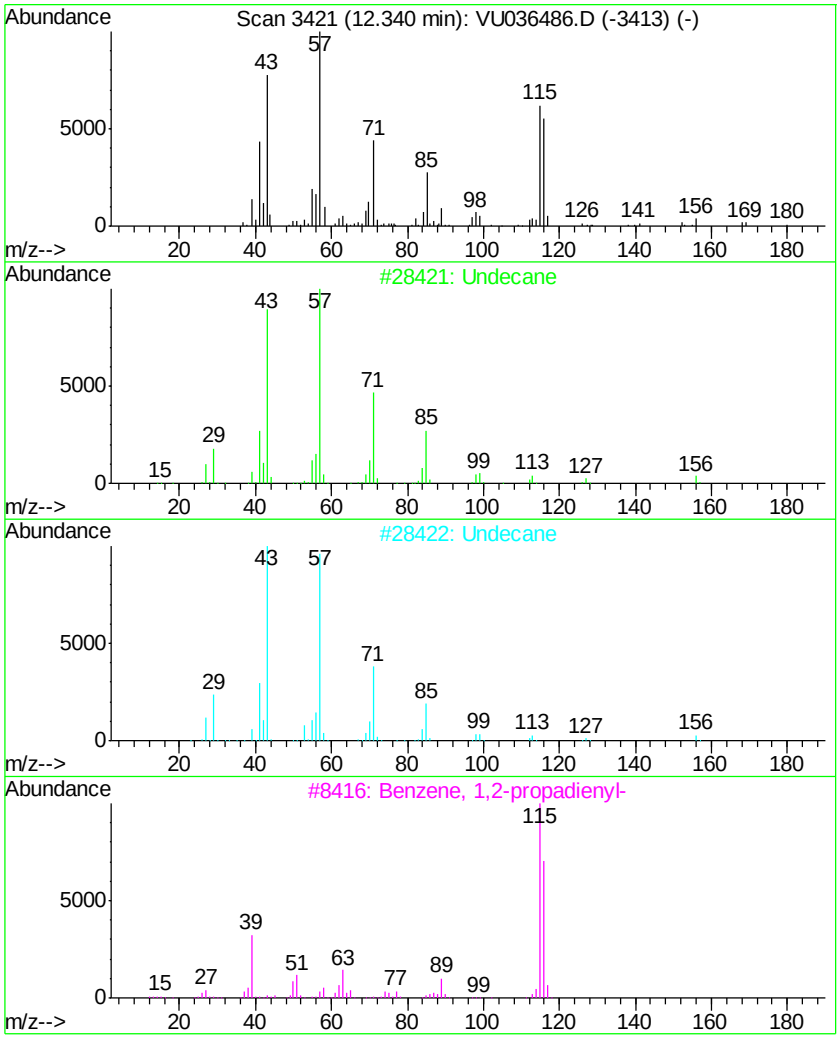
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

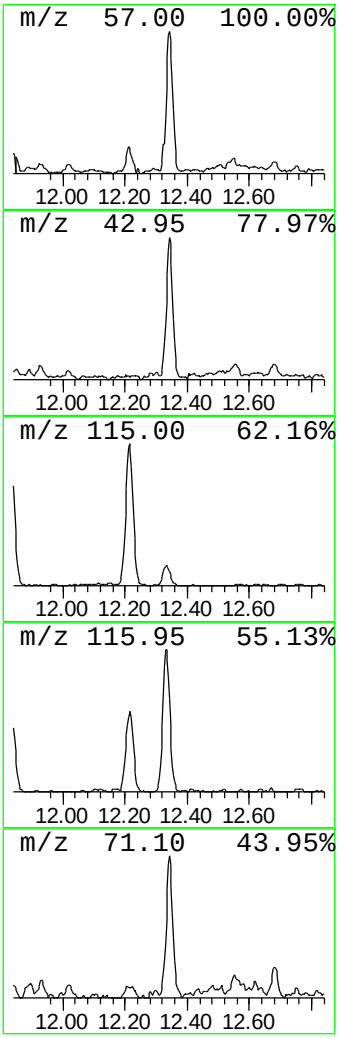
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	5.78 ug/L	174259	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	86
2	Undecane	156	C11H24	001120-21-4	50
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	50
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	50
5	Indene	116	C9H8	000095-13-6	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

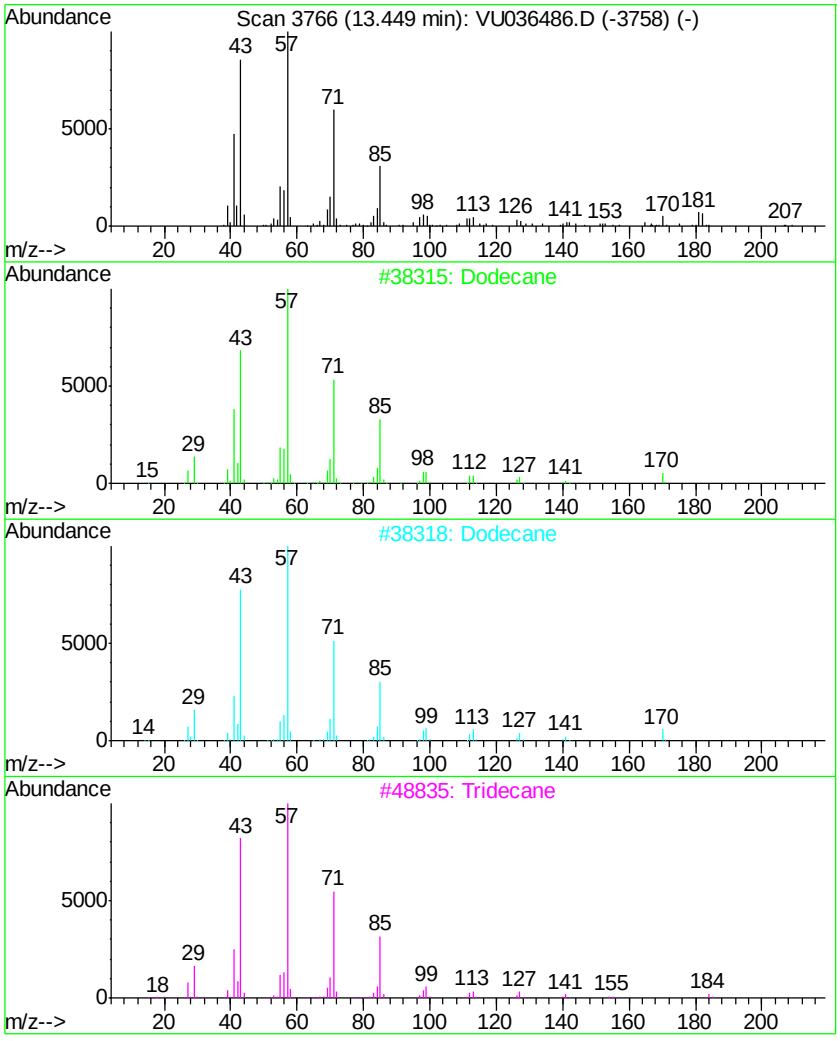
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

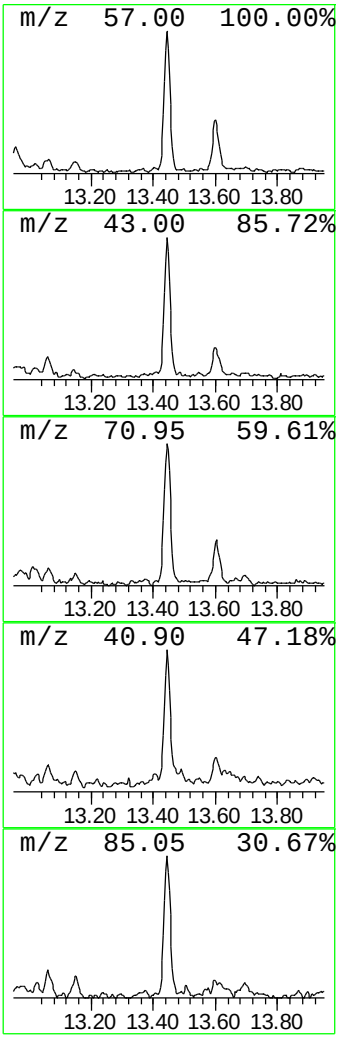
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	6.31 ug/L	190001	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	94
2	Dodecane	170	C12H26	000112-40-3	87
3	Tridecane	184	C13H28	000629-50-5	80
4	Tridecane	184	C13H28	000629-50-5	72
5	Dodecane	170	C12H26	000112-40-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

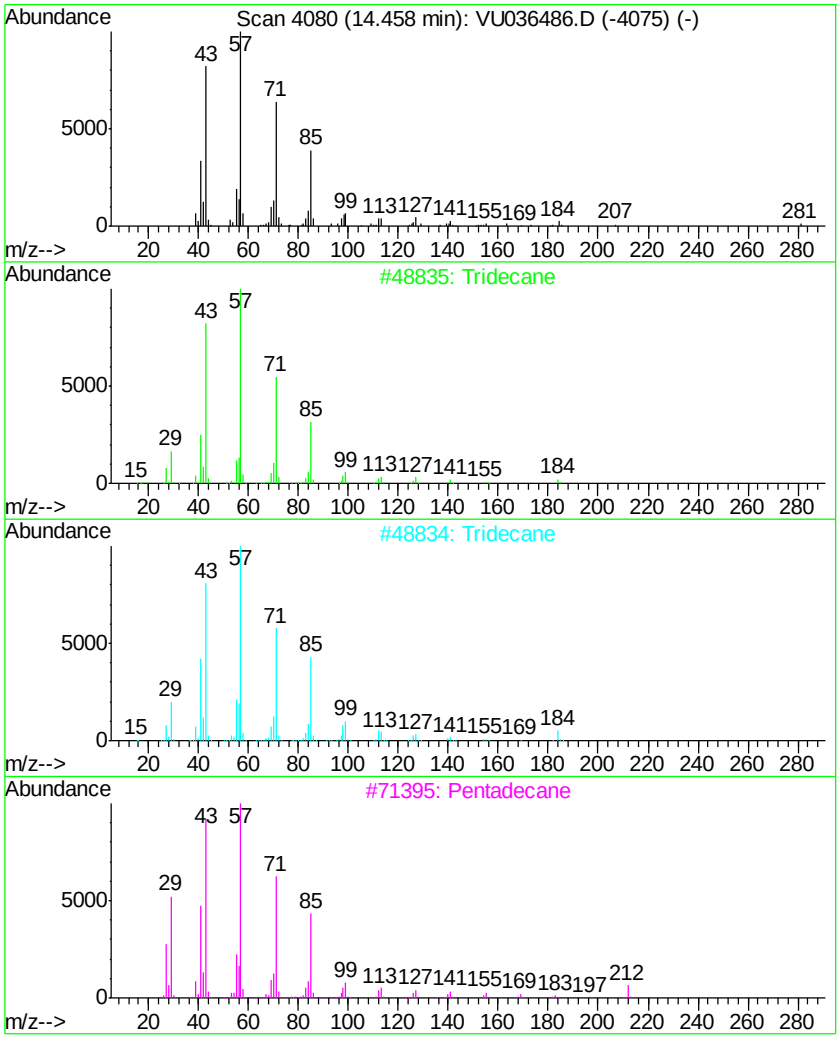
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

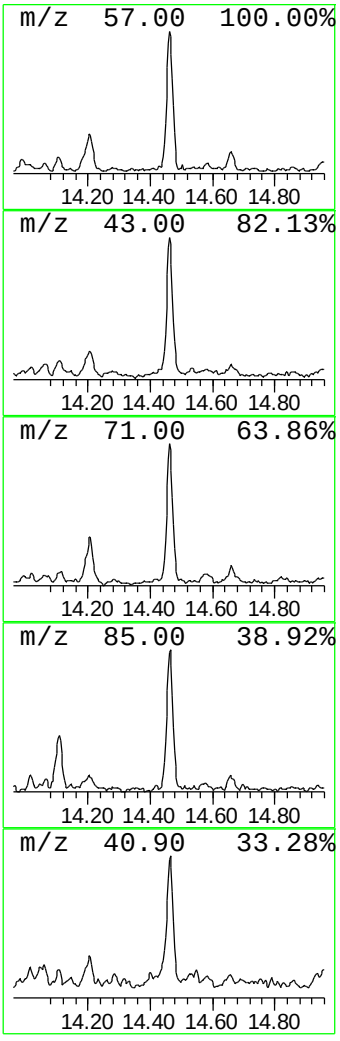
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	4.20 ug/L	126604	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	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Dodecane	170	C12H26	000112-40-3	90
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

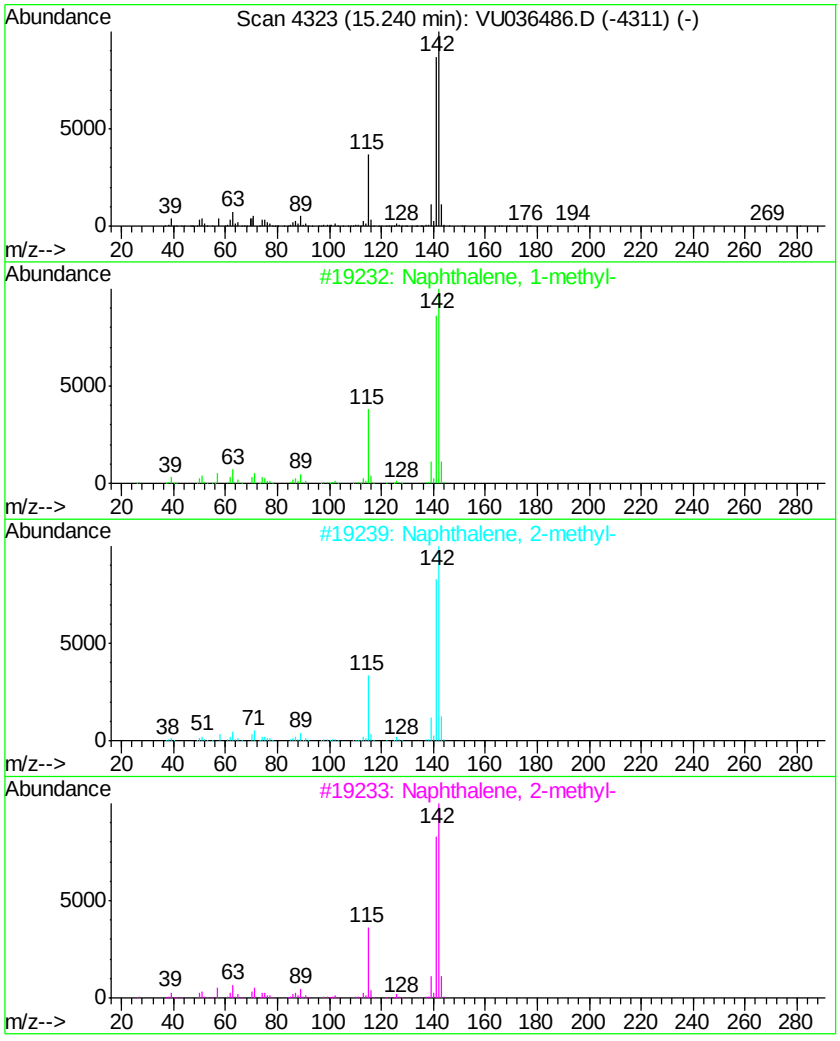
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

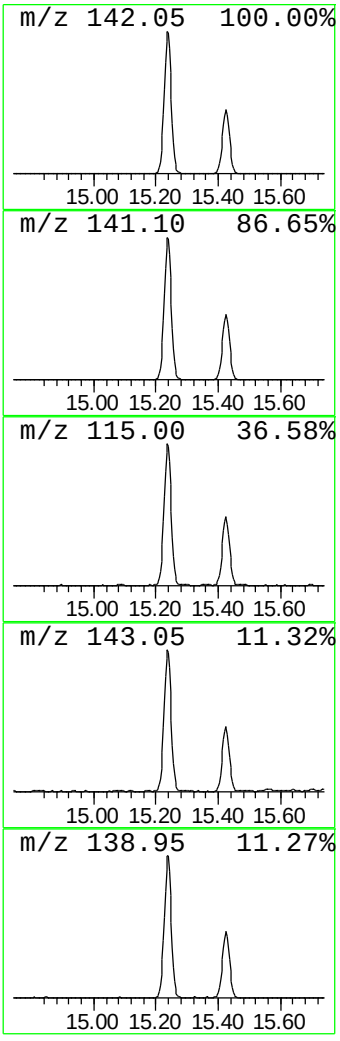
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	127.85 ug/L	3852030	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

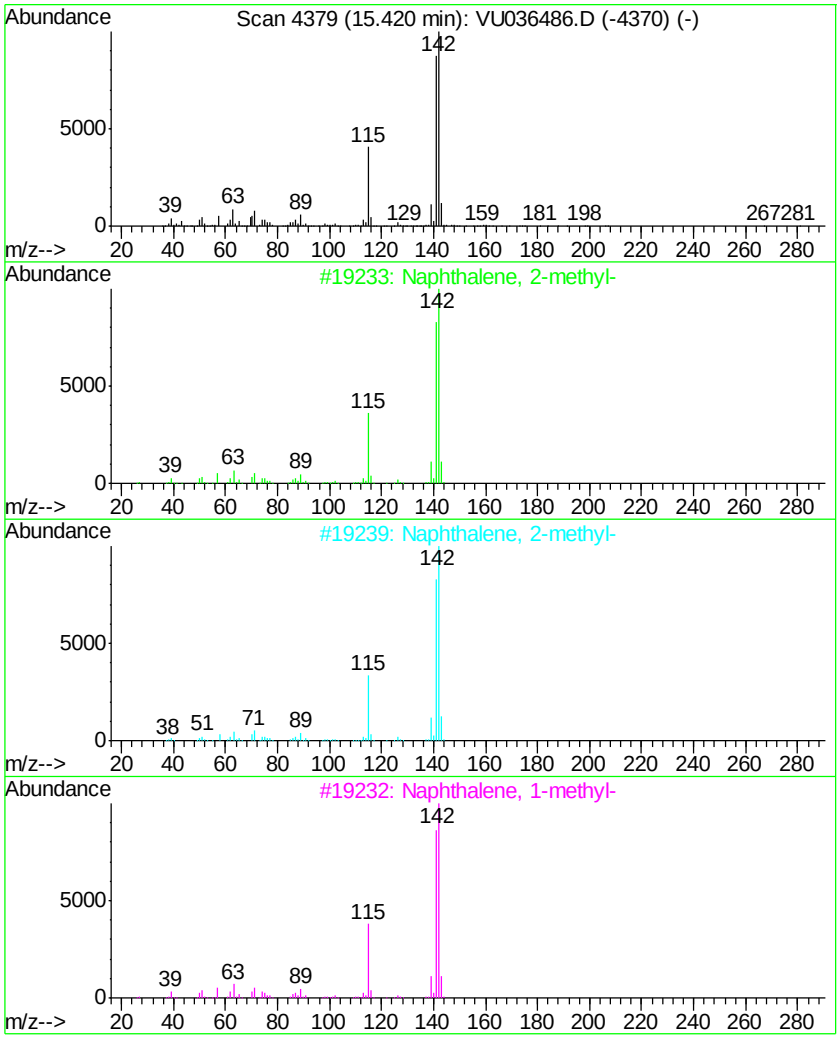
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

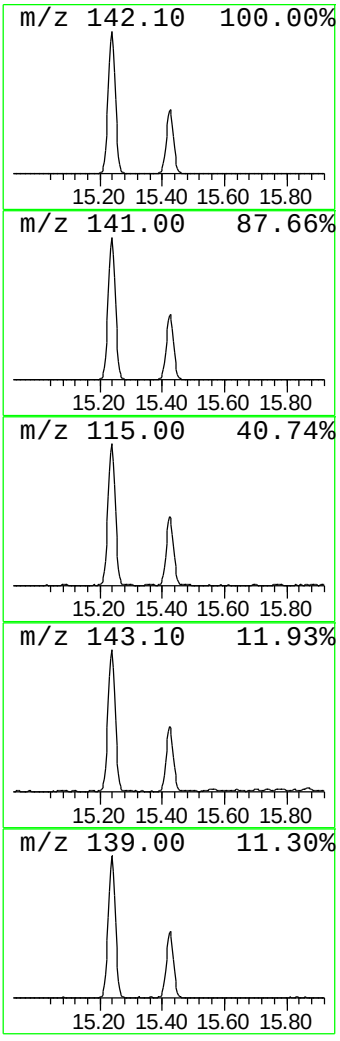
****

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	64.54 ug/L	1944620	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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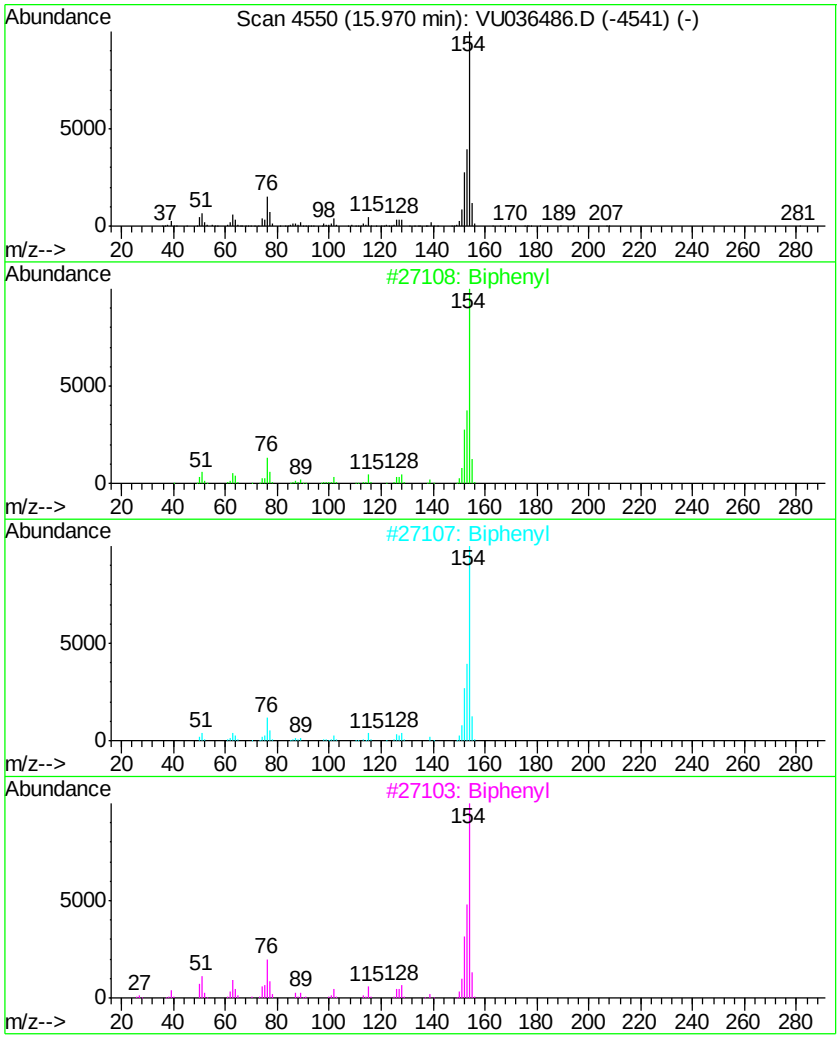
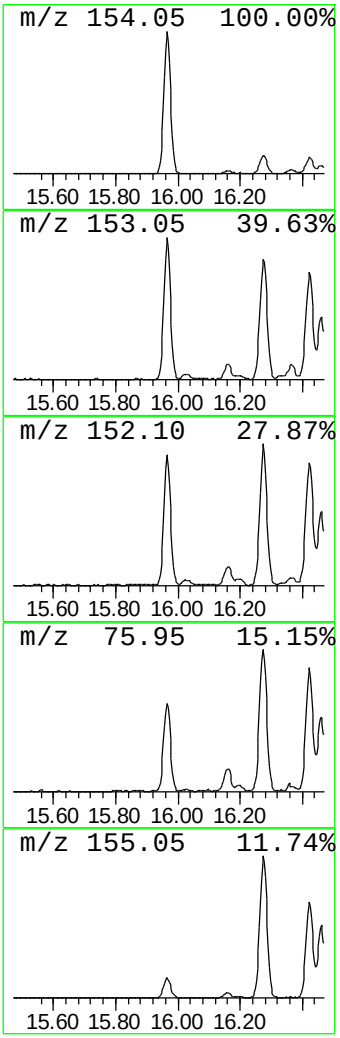
Peak Number 8 Biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	24.87 ug/L	749188	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	95
3	Biphenyl	154	C12H10	000092-52-4	93
4	Biphenyl	154	C12H10	000092-52-4	93
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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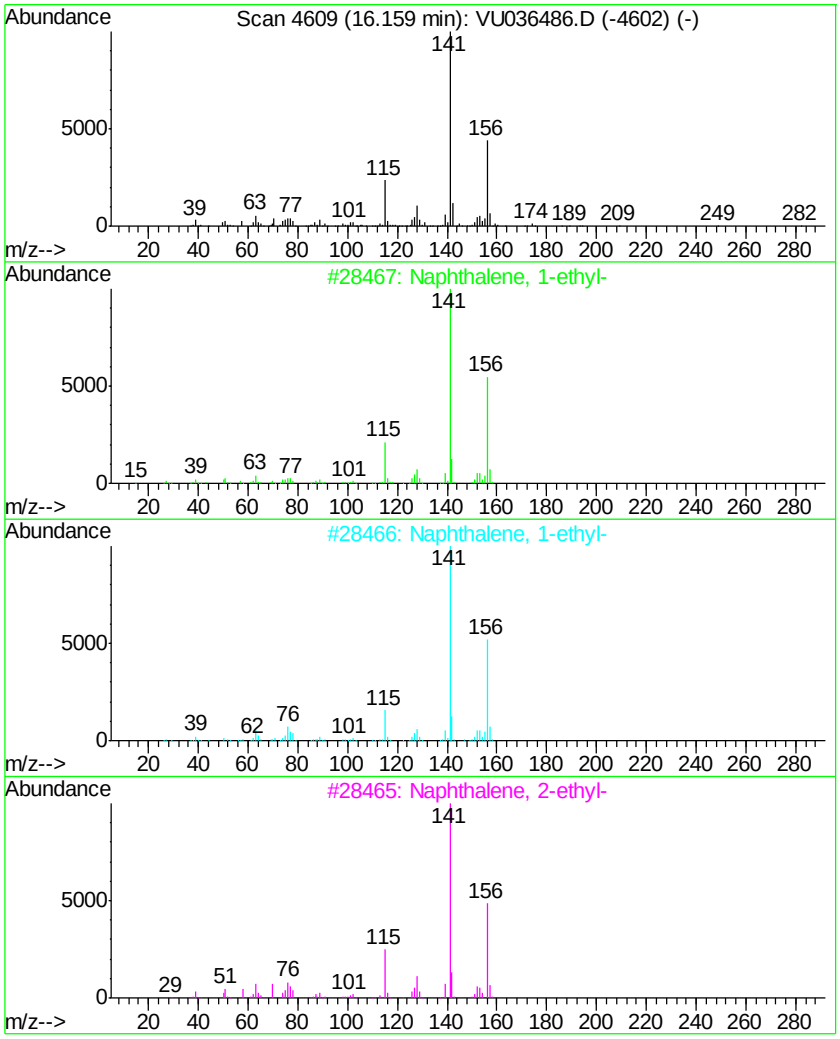
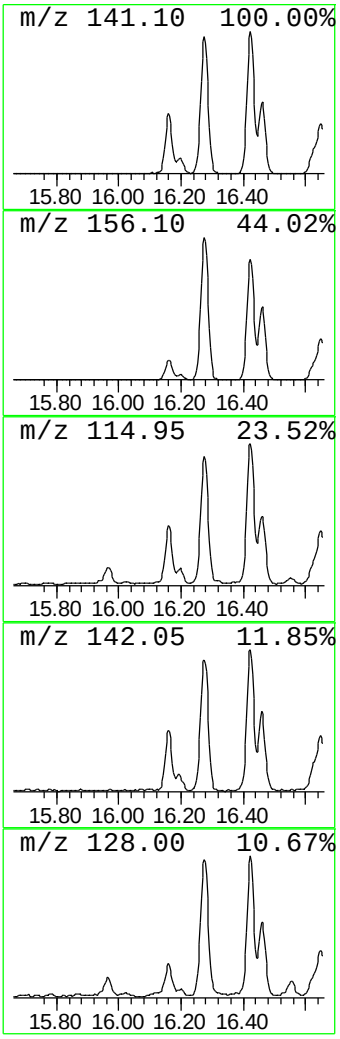
Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	18.03 ug/L	543280	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	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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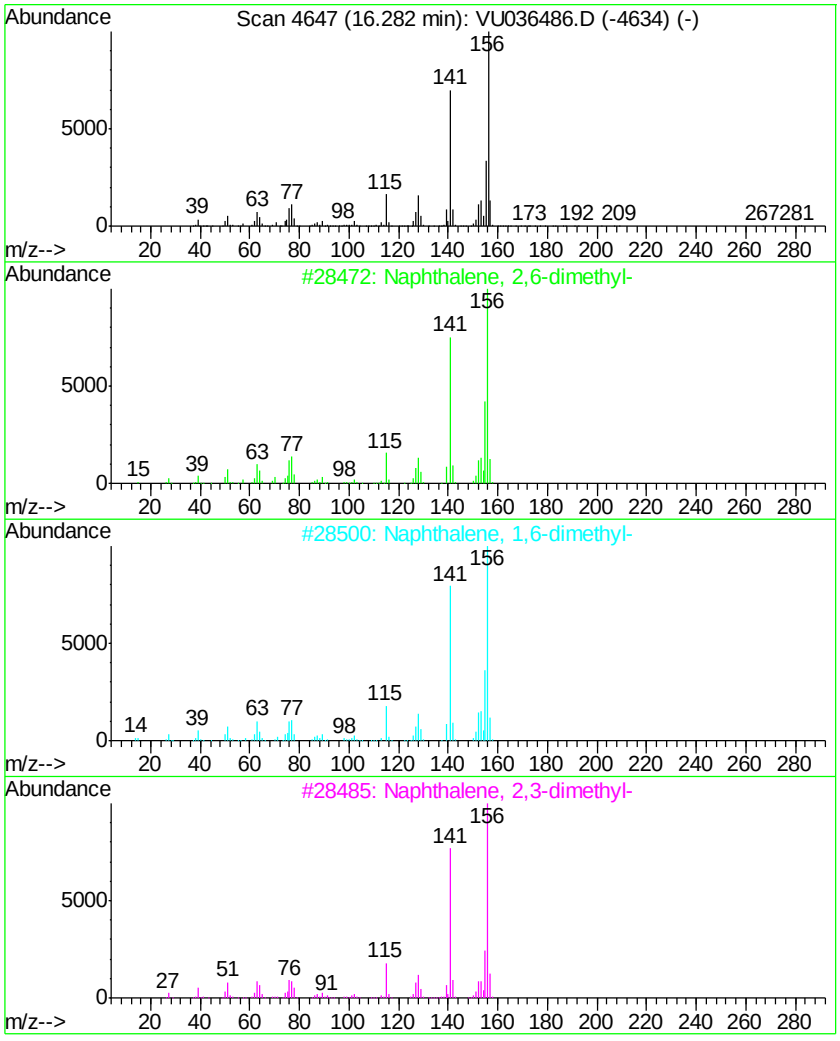
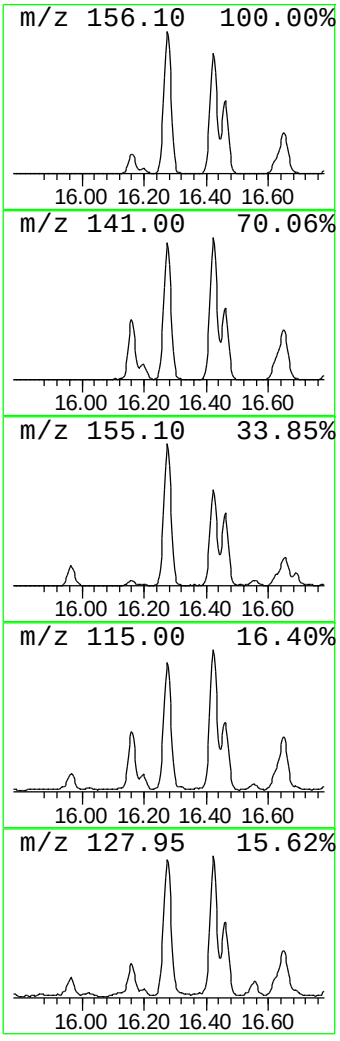
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	100.49 ug/L	3027740	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, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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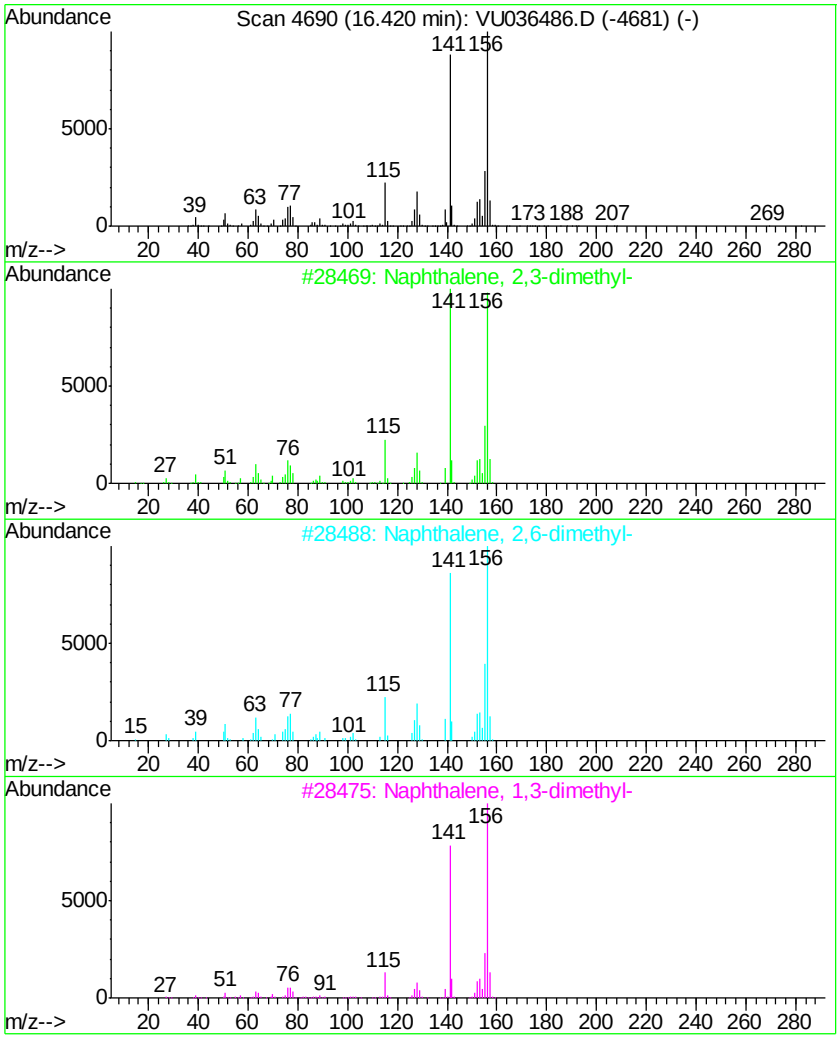
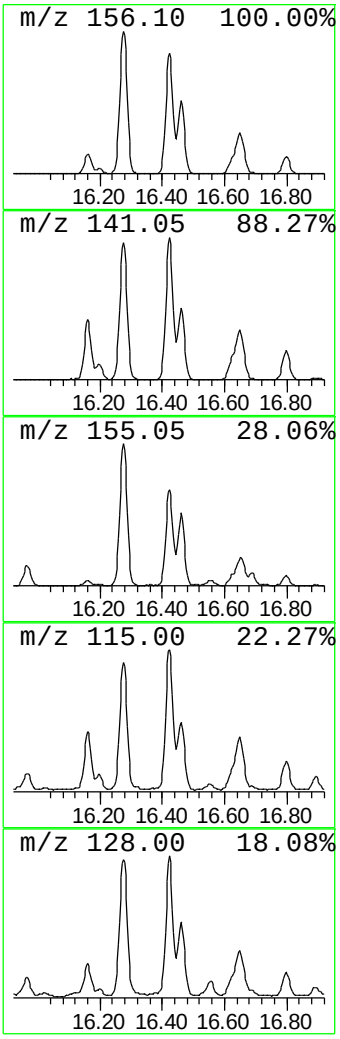
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	82.01 ug/L	2470870	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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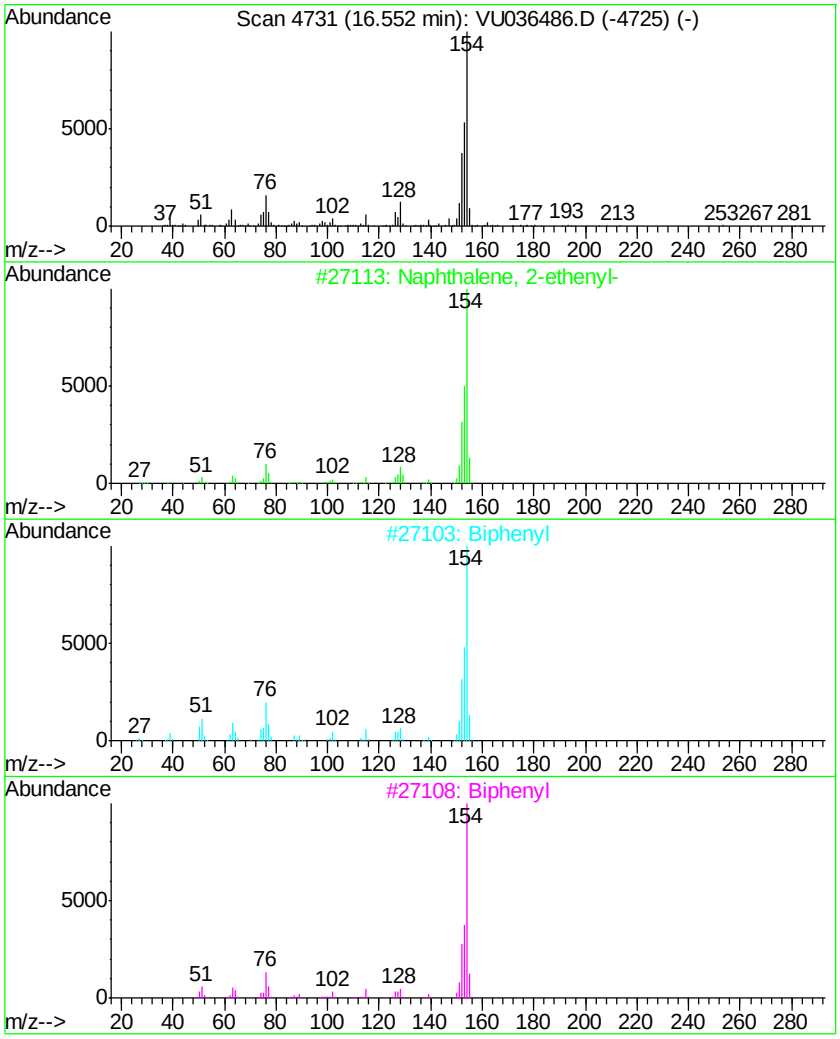
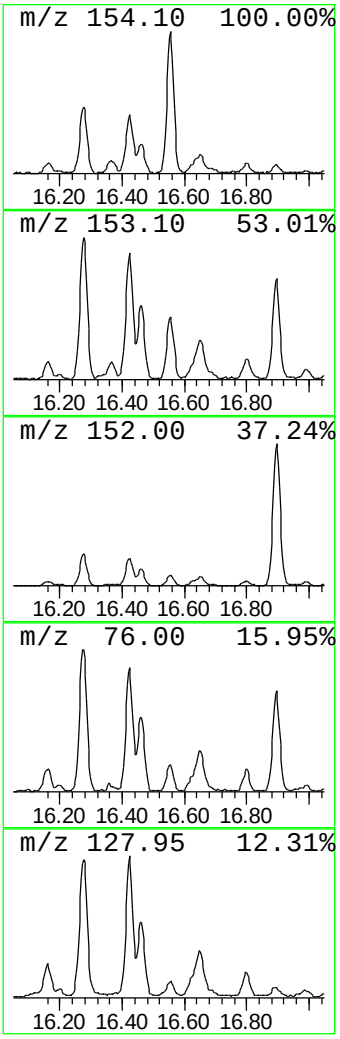
Peak Number 12 Naphthalene, 2-ethenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	9.07 ug/L	273358	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	Biphenyl	154	C12H10	000092-52-4	91
3	Biphenyl	154	C12H10	000092-52-4	81
4	Acenaphthene	154	C12H10	000083-32-9	81
5	Biphenyl	154	C12H10	000092-52-4	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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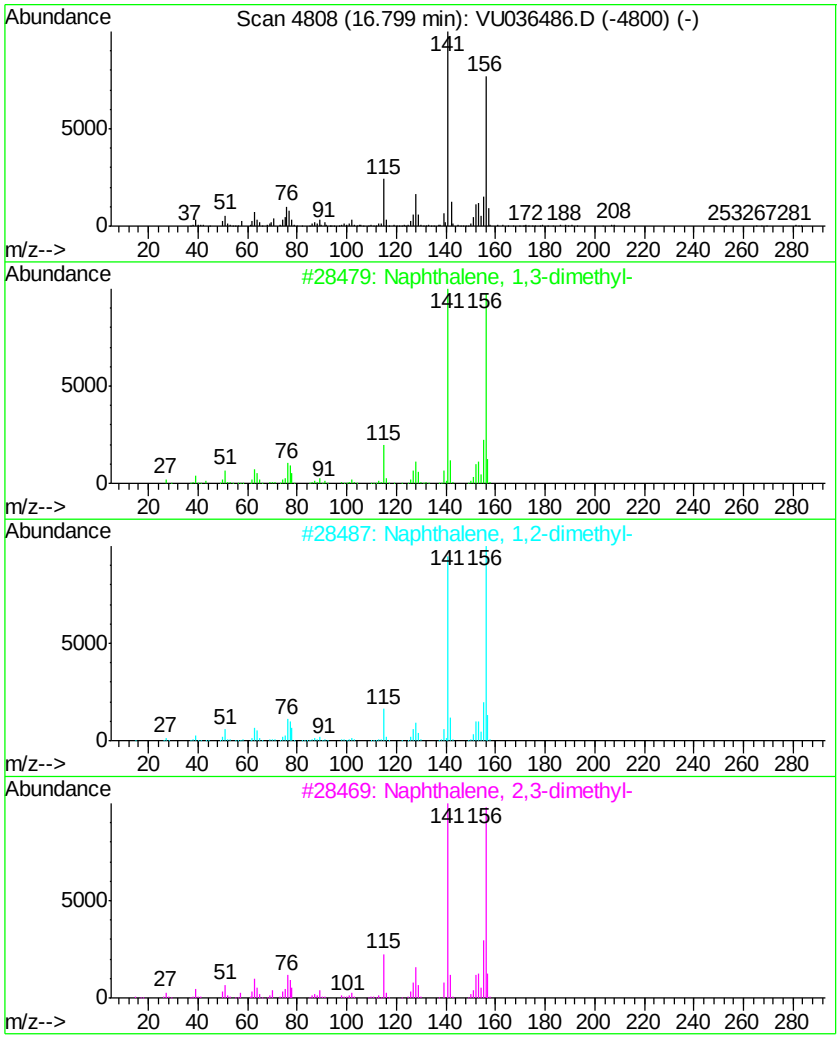
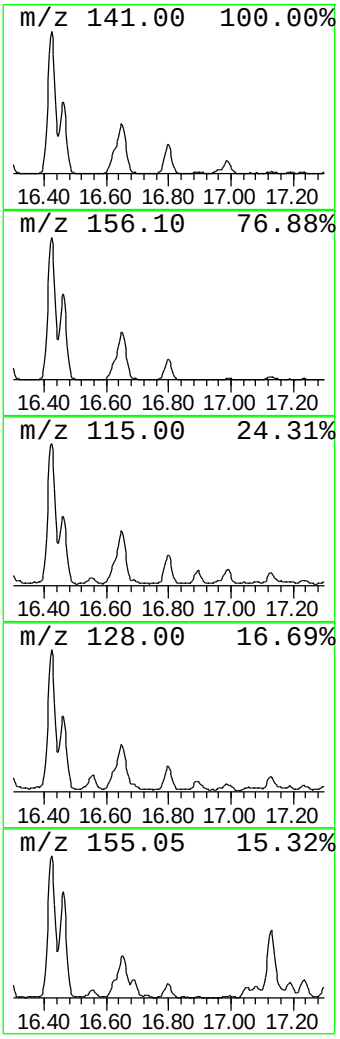
Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	14.78 ug/L	445172	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	95
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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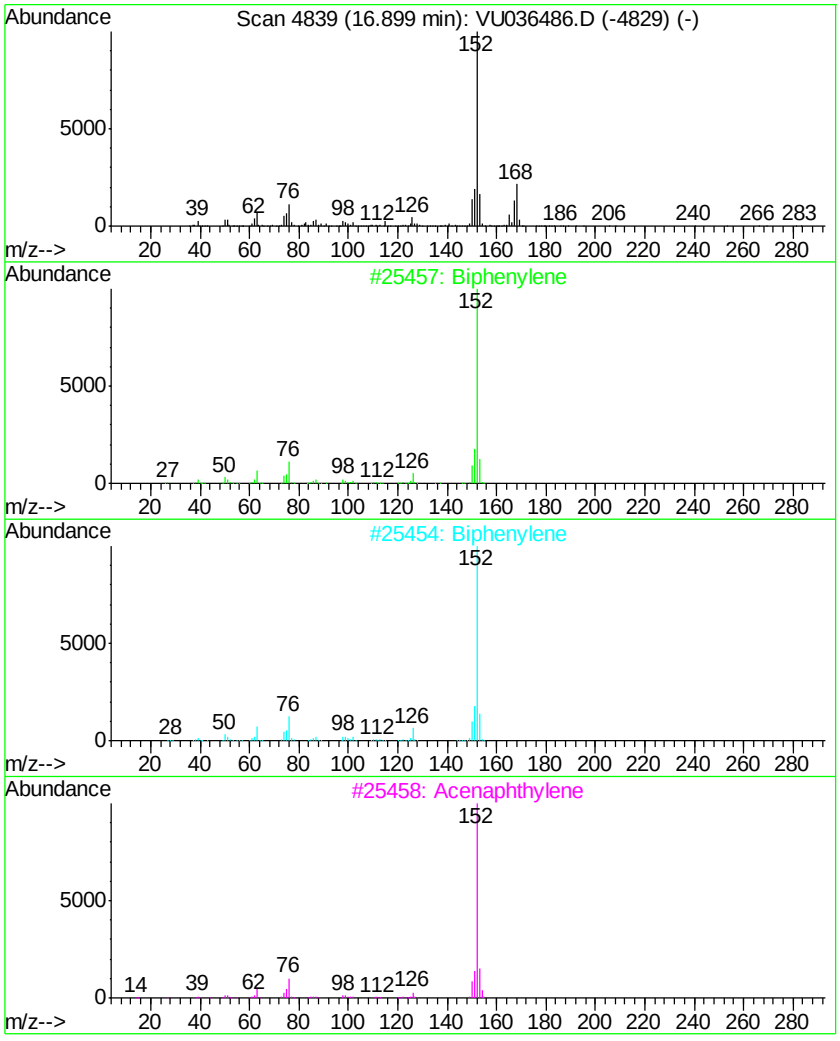
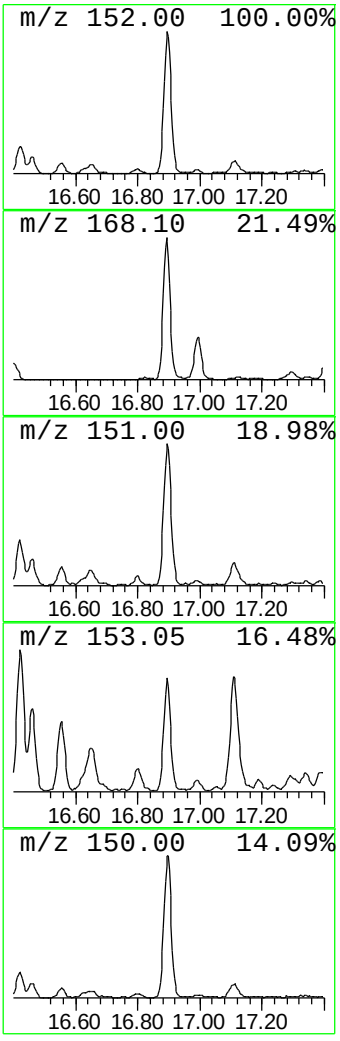
Peak Number 15 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	38.39 ug/L	1156600	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	86
2	Biphenylene	152	C12H8	000259-79-0	86
3	Acenaphthylene	152	C12H8	000208-96-8	68
4	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	64
5	Acenaphthylene	152	C12H8	000208-96-8	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036486.D
Acq On : 15 Jan 2020 22:59
Operator : JC/MD
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.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
(DEL) Alkane: Str...	12.34	5.8	ug/L	174259	3	11.83	1506440	50.0
(DEL) Alkane: Str...	13.45	6.3	ug/L	190001	3	11.83	1506440	50.0
(DEL) Alkane: Str...	14.46	4.2	ug/L	126604	3	11.83	1506440	50.0
Naphthalene, 1-me...	15.24	127.8	ug/L	3852030	3	11.83	1506440	50.0
Naphthalene, 2-me...	15.42	64.5	ug/L	1944620	3	11.83	1506440	50.0
Biphenyl	15.97	24.9	ug/L	749188	3	11.83	1506440	50.0
Naphthalene, 1-et...	16.16	18.0	ug/L	543280	3	11.83	1506440	50.0
Naphthalene, 2,6-...	16.28	100.5	ug/L	3027740	3	11.83	1506440	50.0
Naphthalene, 2,3-...	16.42	82.0	ug/L	2470870	3	11.83	1506440	50.0
Naphthalene, 2-et...	16.55	9.1	ug/L	273358	3	11.83	1506440	50.0
Naphthalene, 1,3-...	16.80	14.8	ug/L	445172	3	11.83	1506440	50.0
Biphenylene	16.90	38.4	ug/L	1156600	3	11.83	1506440	50.0