

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
 Data File : VV014469.D
 Acq On : 31 Jan 2020 22:58
 Operator : SY/MD
 Sample : VIBLK35
 Misc : 5.00µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK35

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.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	1.322	65	72	82	rVB	165252	164108	9.75%	0.841%
2	1.585	146	154	167	rVB	99487	117629	6.99%	0.603%
3	2.132	314	324	337	rBV	216502	310089	18.42%	1.588%
4	2.347	389	391	395	rBV4	489	359	0.02%	0.002%
5	2.418	411	413	417	rVB4	579	379	0.02%	0.002%
6	2.466	426	428	434	rVB3	501	397	0.02%	0.002%
7	2.540	444	451	462	rVB7	2702	4739	0.28%	0.024%
8	2.688	496	497	501	rVB2	580	349	0.02%	0.002%
9	2.708	501	503	507	rBV2	594	408	0.02%	0.002%
10	2.753	514	517	520	rBV3	388	275	0.02%	0.001%
11	2.836	539	543	544	rBV2	414	254	0.02%	0.001%
12	2.888	556	559	561	rVB2	470	262	0.02%	0.001%
13	2.936	571	574	578	rVB2	447	292	0.02%	0.001%
14	3.093	617	623	626	rBV3	645	556	0.03%	0.003%
15	3.122	630	632	636	rVB2	462	258	0.02%	0.001%
16	3.190	650	653	656	rBV2	299	239	0.01%	0.001%
17	3.209	656	659	660	rBV	431	214	0.01%	0.001%
18	3.257	669	674	679	rBV3	631	537	0.03%	0.003%
19	3.425	723	726	731	rVV5	486	340	0.02%	0.002%
20	3.527	755	758	762	rVB2	347	316	0.02%	0.002%
21	3.556	762	767	768	rBV2	506	400	0.02%	0.002%
22	3.720	817	818	822	rVB	524	217	0.01%	0.001%
23	3.759	827	830	838	rVB2	418	253	0.02%	0.001%
24	3.830	848	852	858	rVB3	475	404	0.02%	0.002%
25	3.923	869	881	923	rBV	99144	263711	15.66%	1.351%
26	4.399	1009	1029	1056	rBV	213165	528808	31.41%	2.709%
27	4.585	1085	1087	1091	rVB	587	219	0.01%	0.001%
28	4.682	1107	1117	1121	rBV4	762	938	0.06%	0.005%
29	4.707	1123	1125	1129	rVV3	633	424	0.03%	0.002%
30	4.727	1129	1131	1136	rVB2	580	309	0.02%	0.002%
31	4.826	1155	1162	1164	rBV3	423	489	0.03%	0.003%
32	4.868	1170	1175	1179	rVB3	727	647	0.04%	0.003%
33	5.093	1225	1245	1280	rBV2	539244	1374226	81.63%	7.040%
34	5.289	1303	1306	1309	rBV3	649	583	0.03%	0.003%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Title : VOC Analysis

35	5.543	1383	1385	1389	rVB	550	265	0.02%	0.001%
36	5.576	1390	1395	1398	rBV4	467	504	0.03%	0.003%
37	5.659	1407	1421	1445	rBV	470007	941135	55.90%	4.821%
38	5.823	1469	1472	1475	rBV2	712	548	0.03%	0.003%
39	5.862	1480	1484	1486	rBV2	483	390	0.02%	0.002%
40	5.942	1499	1509	1524	rBV4	11082	22898	1.36%	0.117%
41	6.113	1547	1562	1589	rBV	304646	622516	36.98%	3.189%
42	6.479	1674	1676	1680	rVB	541	278	0.02%	0.001%
43	6.502	1680	1683	1688	rBV2	529	397	0.02%	0.002%
44	6.543	1694	1696	1700	rVV2	359	224	0.01%	0.001%
45	6.630	1721	1723	1728	rVB2	484	399	0.02%	0.002%
46	6.656	1728	1731	1734	rBV3	465	362	0.02%	0.002%
47	6.695	1740	1743	1745	rVB2	464	256	0.02%	0.001%
48	6.746	1754	1759	1762	rBV4	441	332	0.02%	0.002%
49	6.781	1767	1770	1771	rBV	375	216	0.01%	0.001%
50	6.852	1788	1792	1793	rBV	402	247	0.01%	0.001%
51	6.891	1799	1804	1806	rVB2	445	349	0.02%	0.002%
52	6.910	1806	1810	1812	rBV2	367	248	0.01%	0.001%
53	6.932	1813	1817	1820	rVB3	442	377	0.02%	0.002%
54	7.026	1832	1846	1868	rBV	196442	349835	20.78%	1.792%
55	7.264	1918	1920	1922	rBV	565	351	0.02%	0.002%
56	7.357	1935	1949	1967	rBV	690889	1196338	71.06%	6.128%
57	7.659	2030	2043	2063	rBV	142790	242829	14.42%	1.244%
58	7.881	2105	2112	2117	rBV5	741	861	0.05%	0.004%
59	7.939	2127	2130	2132	rVV3	489	283	0.02%	0.001%
60	7.965	2136	2138	2141	rBV2	597	465	0.03%	0.002%
61	7.994	2144	2147	2149	rBV3	616	355	0.02%	0.002%
62	8.129	2177	2189	2221	rBV	314000	668357	39.70%	3.424%
63	8.431	2280	2283	2288	rBV4	676	629	0.04%	0.003%
64	8.608	2336	2338	2341	rBV	430	229	0.01%	0.001%
65	8.682	2357	2361	2363	rBV	516	333	0.02%	0.002%
66	8.694	2363	2365	2368	rVB	480	341	0.02%	0.002%
67	8.829	2404	2407	2410	rBV2	530	380	0.02%	0.002%
68	8.891	2413	2426	2449	rBV	716930	1162724	69.06%	5.956%
69	9.093	2486	2489	2493	rBV3	680	546	0.03%	0.003%
70	9.135	2499	2502	2503	rBV2	566	300	0.02%	0.002%
71	9.238	2529	2534	2538	rBV2	539	382	0.02%	0.002%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

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72	9.395	2578	2583	2589	rBV5	848	910	0.05%	0.005%
73	9.524	2620	2623	2627	rBV3	744	584	0.03%	0.003%
74	9.733	2686	2688	2693	rVB3	446	314	0.02%	0.002%
75	9.968	2759	2761	2764	rBV2	519	414	0.02%	0.002%
76	10.022	2775	2778	2779	rBV	525	263	0.02%	0.001%
77	10.103	2800	2803	2805	rVB3	422	215	0.01%	0.001%
78	10.254	2836	2850	2870	rBV	405299	643784	38.24%	3.298%
79	10.411	2895	2899	2903	rBV4	633	701	0.04%	0.004%
80	10.463	2912	2915	2916	rBV2	627	386	0.02%	0.002%
81	10.723	2994	2996	2997	rBV	569	237	0.01%	0.001%
82	10.868	3039	3041	3042	rBV	516	262	0.02%	0.001%
83	10.955	3062	3068	3079	rVB3	5386	7690	0.46%	0.039%
84	11.029	3083	3091	3100	rBV3	4973	7157	0.43%	0.037%
85	11.135	3120	3124	3126	rBV3	565	423	0.03%	0.002%
86	11.177	3132	3137	3139	rBV3	672	496	0.03%	0.003%
87	11.289	3159	3172	3194	rBV	776084	1199649	71.26%	6.145%
88	11.498	3234	3237	3241	rVB4	709	567	0.03%	0.003%
89	11.569	3253	3259	3267	rBV8	2103	3410	0.20%	0.017%
90	11.665	3277	3289	3311	rBV	703209	1103189	65.53%	5.651%
91	11.788	3319	3327	3336	rBV2	17448	28729	1.71%	0.147%
92	13.543	3863	3873	3903	rVB	811807	1290568	76.66%	6.611%
93	14.675	4214	4225	4243	rVB	1103587	1683523	100.00%	8.624%
94	14.858	4272	4282	4302	rVB	647008	1002422	59.54%	5.135%
95	15.405	4443	4452	4464	rBV	356203	536434	31.86%	2.748%
96	15.710	4536	4547	4570	rBV	588353	1013055	60.17%	5.189%
97	15.855	4583	4592	4599	rBV	664903	1055037	62.67%	5.404%
98	15.987	4626	4633	4644	rVB	189463	280146	16.64%	1.435%
99	16.225	4701	4707	4721	rVB	145976	212939	12.65%	1.091%
100	16.318	4727	4736	4756	rVB2	738670	1456942	86.54%	7.463%

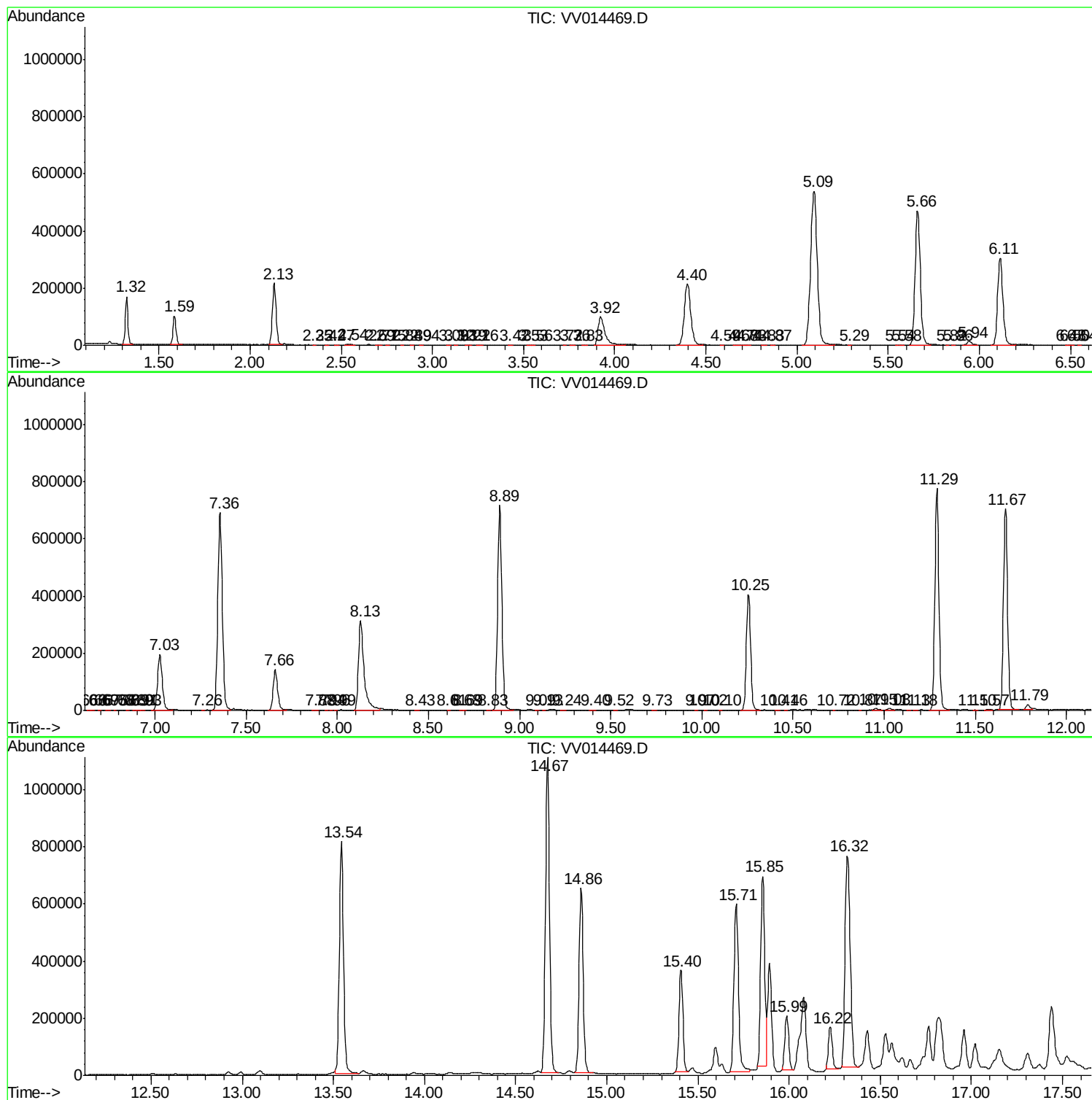
Sum of corrected areas: 19521553

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK35

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK35

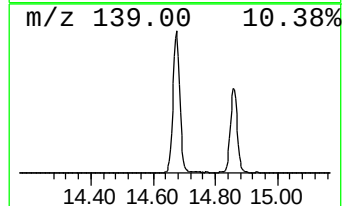
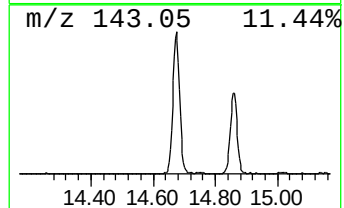
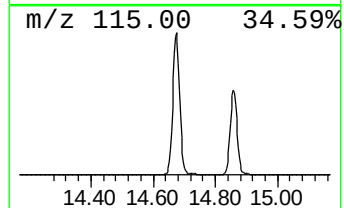
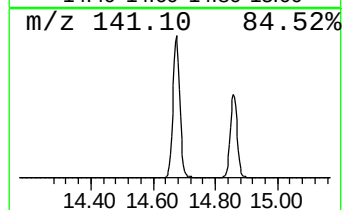
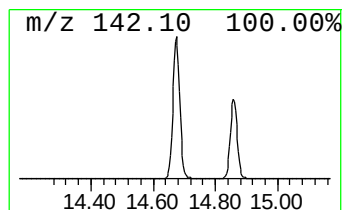
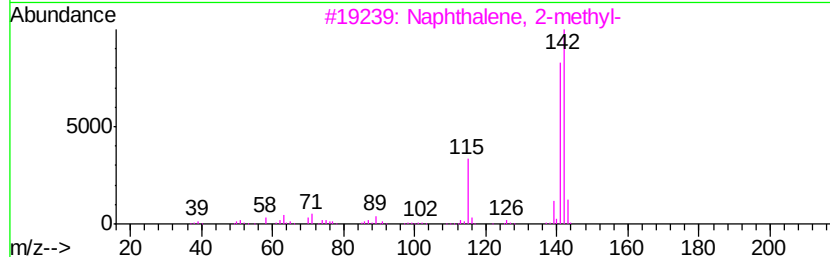
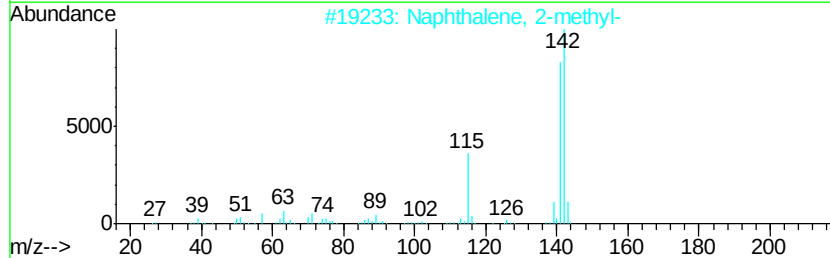
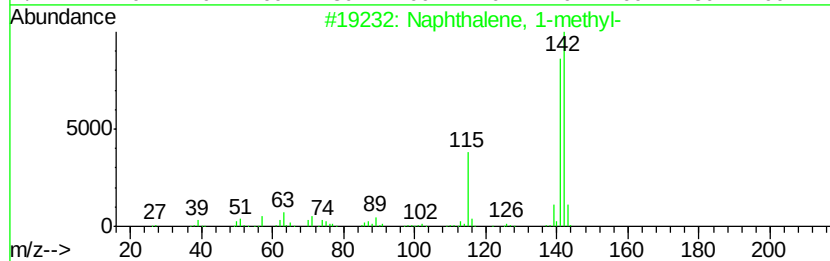
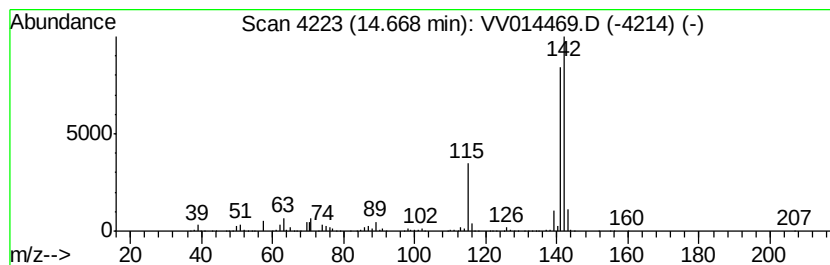
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	70.17 ug/L	1683520	1,4-Dichlorobenzene-d4	11.29

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



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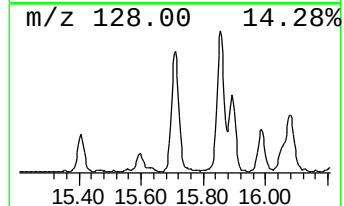
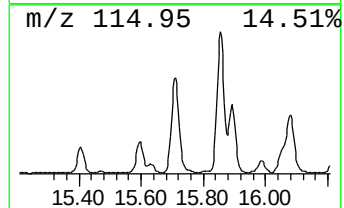
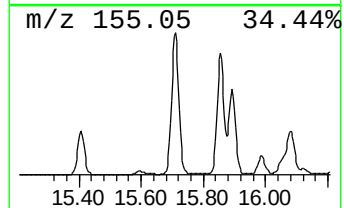
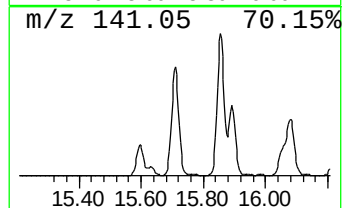
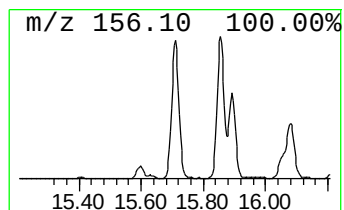
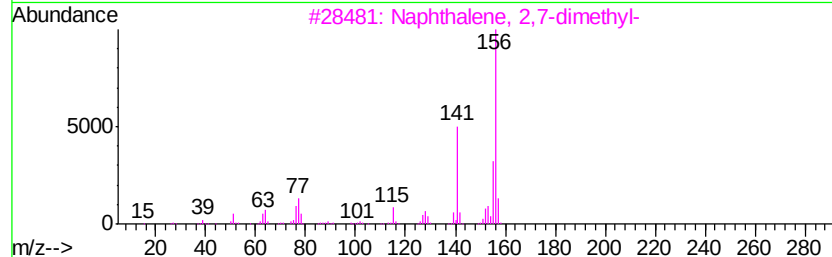
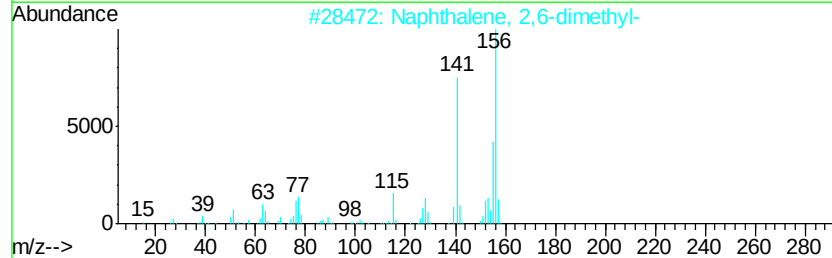
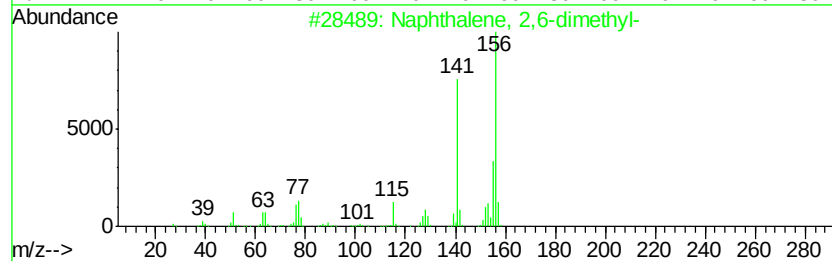
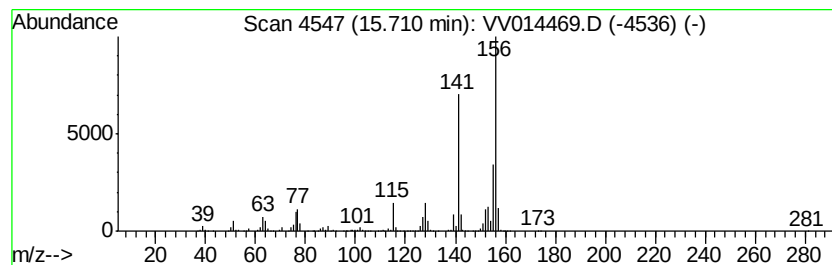
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.71	42.22 ug/L	1013060	1,4-Dichlorobenzene-d4	11.29	
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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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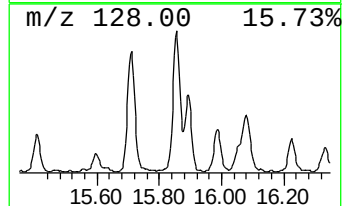
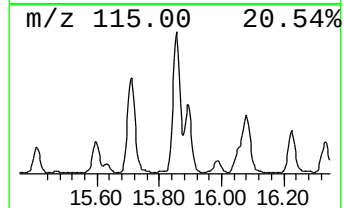
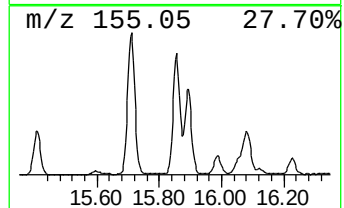
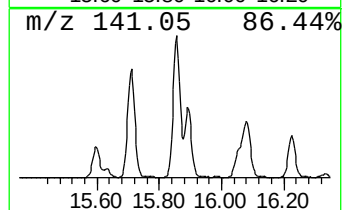
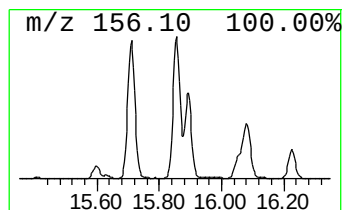
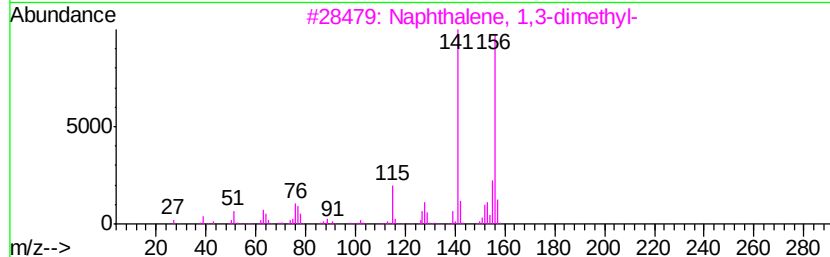
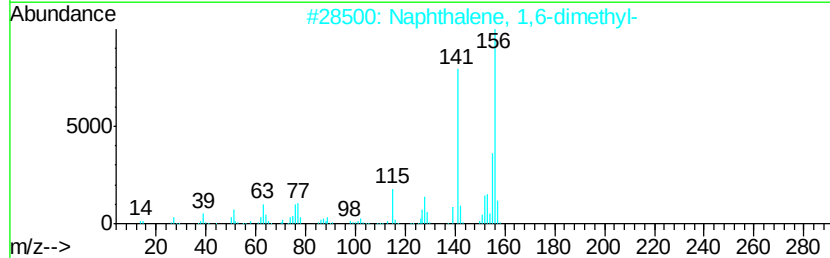
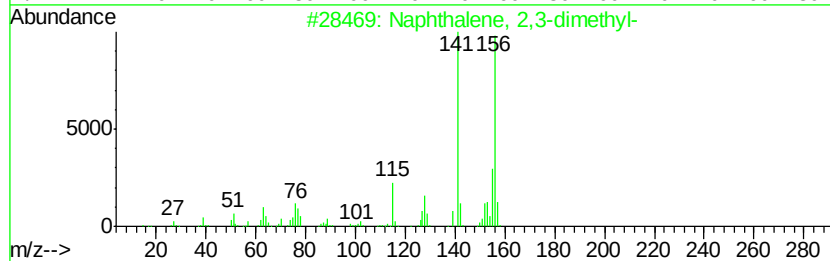
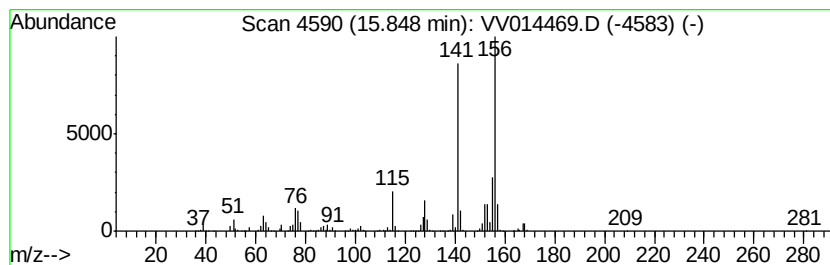
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	43.97 ug/L	1055040	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014469.D
Acq On : 31 Jan 2020 22:58
Operator : SY/MD
Sample : VIBLK35
Misc : 5.00µL/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 24 Sample Multiplier: 1

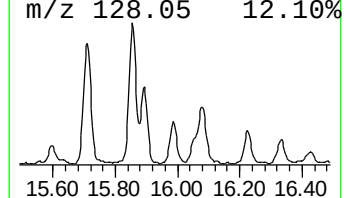
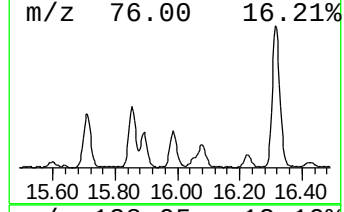
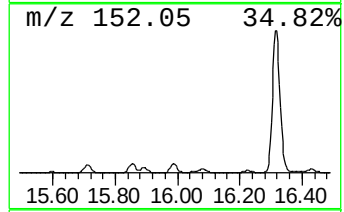
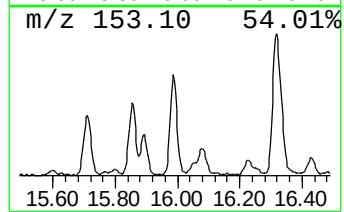
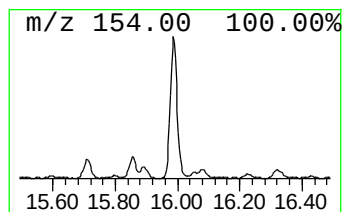
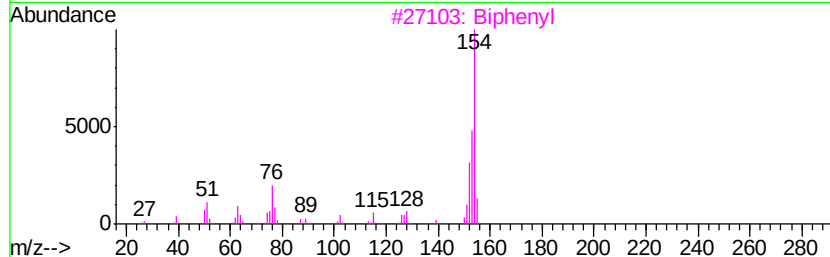
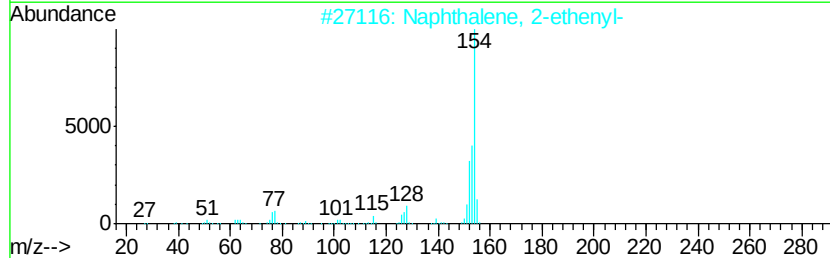
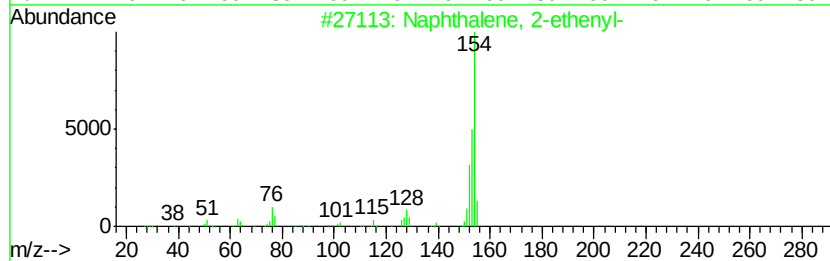
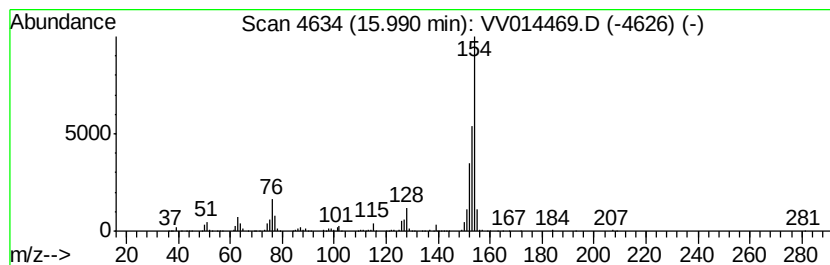
Instrument :
MSVOA_V
ClientSampleId :
VIBLK35

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 2-ethenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.99	11.68 ug/L	280146	1,4-Dichlorobenzene-d4	11.29	
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	93
3	Biphenyl	154	C12H10	000092-52-4	91
4	Biphenyl	154	C12H10	000092-52-4	90
5	Acenaphthene	154	C12H10	000083-32-9	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014469.D
Acq On : 31 Jan 2020 22:58
Operator : SY/MD
Sample : VIBLK35
Misc : 5.00µL/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 24 Sample Multiplier: 1

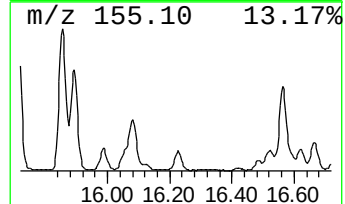
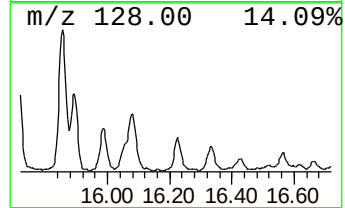
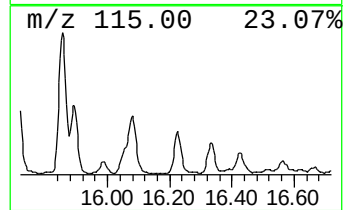
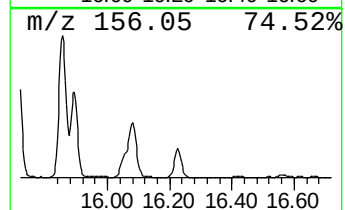
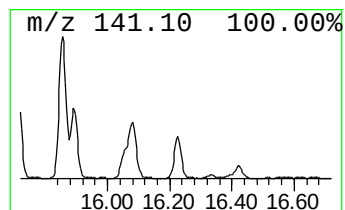
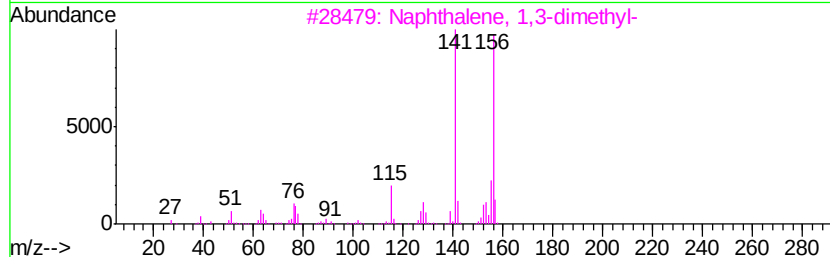
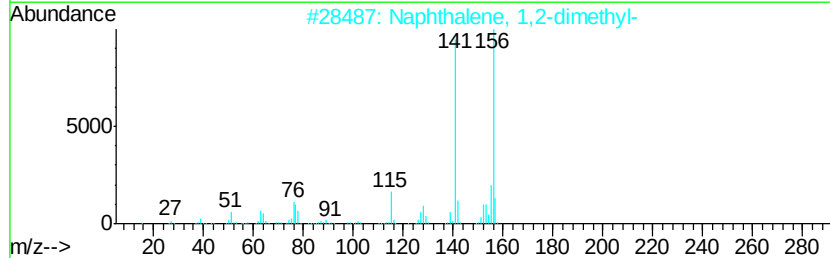
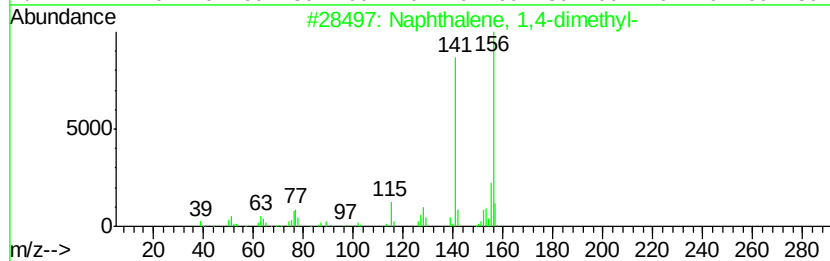
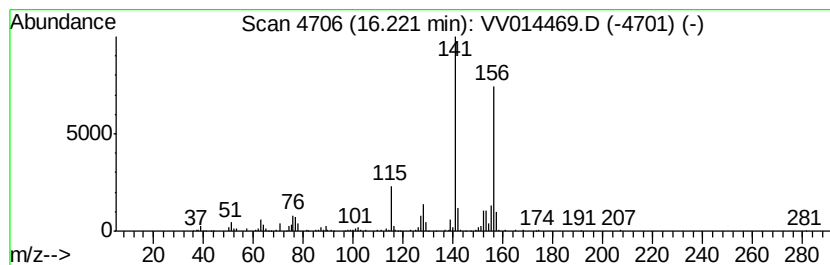
Instrument :
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ClientSampleId :
VIBLK35

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.22	8.88 ug/L	212939	1,4-Dichlorobenzene-d4	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
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:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014469.D
Acq On : 31 Jan 2020 22:58
Operator : SY/MD
Sample : VIBLK35
Misc : 5.00µL/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK35

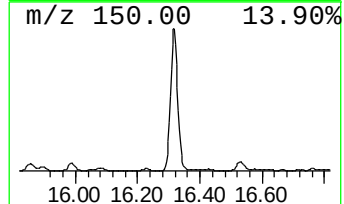
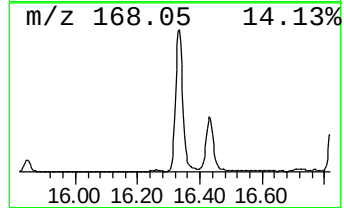
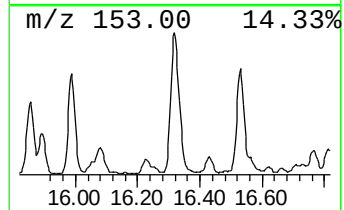
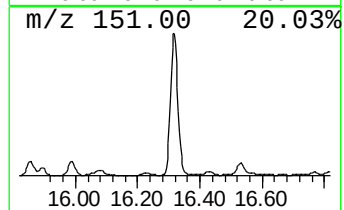
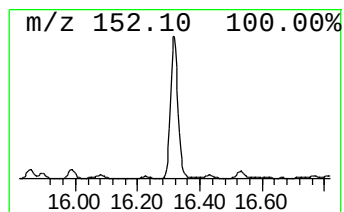
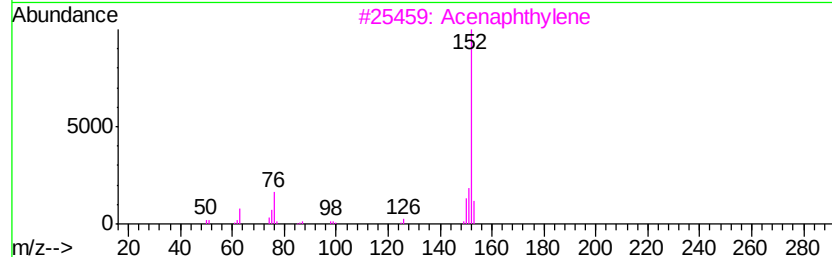
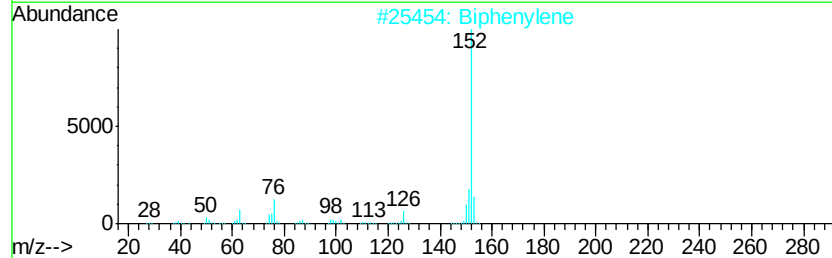
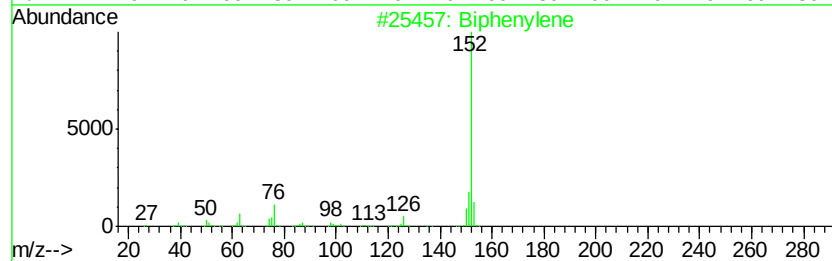
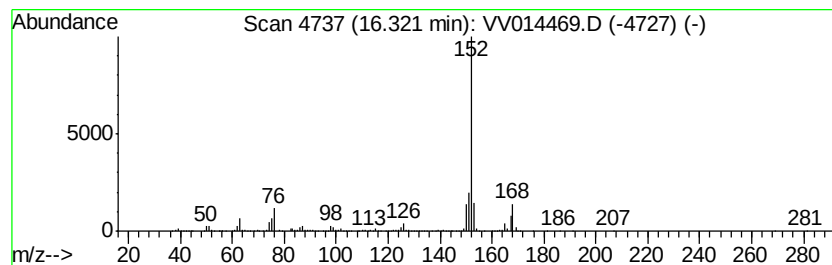
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Biphenylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	60.72 ug/L	1456940	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	87
2		Biphenylene	152	C12H8	000259-79-0	87
3		Acenaphthylene	152	C12H8	000208-96-8	81
4		Acenaphthylene	152	C12H8	000208-96-8	74
5		Acenaphthylene	152	C12H8	000208-96-8	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014469.D
Acq On : 31 Jan 2020 22:58
Operator : SY/MD
Sample : VIBLK35
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK35

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	14.67	70.2	ug/L	1683520	3	11.29	1199650	50.0
Naphthalene, 2,6-...	15.71	42.2	ug/L	1013060	3	11.29	1199650	50.0
Naphthalene, 2,3-...	15.85	44.0	ug/L	1055040	3	11.29	1199650	50.0
Naphthalene, 2-et...	15.99	11.7	ug/L	280146	3	11.29	1199650	50.0
Naphthalene, 1,4-...	16.22	8.9	ug/L	212939	3	11.29	1199650	50.0
Biphenylene	16.32	60.7	ug/L	1456940	3	11.29	1199650	50.0