LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
Data File : VV036790.D
Acq On : 05 Aug 2024 16:25
Operator : SY/MD
Sample : P3437-15
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Y5

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_V\Method\SFAMVLM080224WMA.M
Title : VOC Analysis

Signal : TIC: VV036790.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	68	74	91	rVB	285421	306965	9.99%	1.373%
2	1.532	146	153	171	rVB	238979	283539	9.23%	1.268%
3	2.060	307	317	330	rBV	481598	698935	22.75%	3.126%
4	3.407	734	736	739	rBV3	1248	938	0.03%	0.004%
5	3.568	783	786	791	rBV6	922	861	0.03%	0.004%
6	3.667	815	817	822	rVB5	1183	807	0.03%	0.004%
7	3.709	826	830	831	rBV3	833	592	0.02%	0.003%
8	3.799	849	858	884	rBV	116104	313417	10.20%	1.402%
9	4.246	980	997	1024	rBV	320430	814091	26.50%	3.641%
10	4.584	1099	1102	1105	rVV3	1157	871	0.03%	0.004%
11	4.783	1162	1164	1168	rBV5	805	544	0.02%	0.002%
12	4.950	1195	1216	1251	rBV2	836528	2088470	67.99%	9.340%
13	5.529	1385	1396	1434	rBV	660506	1348132	43.89%	6.029%
14	5.674	1439	1441	1449	rVB8	2280	2059	0.07%	0.009%
15	5.783	1470	1475	1478	rBV5	1077	1260	0.04%	0.006%
16	5.825	1478	1488	1499	rBV3	25794	55261	1.80%	0.247%
17	5.912	1513	1515	1518	rVB4	1136	622	0.02%	0.003%
18	5.986	1525	1538	1574	rBV	455341	947163	30.83%	4.236%
19	6.143	1584	1587	1591	rBV6	1374	1049	0.03%	0.005%
20	6.333	1642	1646	1650	rBV6	891	969	0.03%	0.004%
21	6.513	1697	1702	1704	rBV3	1124	968	0.03%	0.004%
22	6.728	1765	1769	1771	rBV4	767	656	0.02%	0.003%
23	6.841	1800	1804	1807	rBV5	639	706	0.02%	0.003%
24	6.912	1814	1826	1862	rBV	271910	516814	16.82%	2.311%
25	7.240	1916	1928	1958	rBV	969079	1698672	55.30%	7.597%
26	7.455	1993	1995	2005	rVB8	1346	1929	0.06%	0.009%
27	7.551	2016	2025	2057	rBV	177511	330203	10.75%	1.477%
28	7.957	2147	2151	2154	rBV5	1327	1040	0.03%	0.005%
29	8.027	2164	2173	2208	rBV2	327532	695088	22.63%	3.109%
30	8.413	2289	2293	2296	rBV5	848	771	0.03%	0.003%
31	8.558	2335	2338	2345	rVB4	1526	1428	0.05%	0.006%
32	8.780	2396	2407	2438	rBV	1004107	1634740	53.22%	7.311%
33	9.001	2474	2476	2479	rBV4	878	590	0.02%	0.003%
34	9.075	2496	2499	2502	rBV5	933	860	0.03%	0.004%
35	9.111	2508	2510	2516	rVB5	1151	926	0.03%	0.004%
36	9.239	2548	2550	2555	rBV6	923	668	0.02%	0.003%

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Y5

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Title : VOC Analysis

37	9.281	2559	2563	2566	rBV5	973	763	0.02%	0.003%
38	9.333	2576	2579	2584	rBV5	628	577	0.02%	0.003%
39	9.362	2584	2588	2591	rVB5	856	755	0.02%	0.003%
40	9.381	2591	2594	2597	rBV3	1097	871	0.03%	0.004%
41	9.423	2605	2607	2610	rVB3	1006	556	0.02%	0.002%
42	9.452	2610	2616	2617	rBV5	902	743	0.02%	0.003%
43	9.606	2661	2664	2667	rVB4	965	557	0.02%	0.002%
44	9.683	2682	2688	2692	rVB6	1154	1293	0.04%	0.006%
45	9.722	2696	2700	2705	rVB6	745	727	0.02%	0.003%
46	9.792	2719	2722	2728	rVB6	851	733	0.02%	0.003%
47	9.844	2734	2738	2741	rBV5	638	630	0.02%	0.003%
48	9.863	2741	2744	2746	rBV3	789	533	0.02%	0.002%
49	9.940	2766	2768	2772	rVB6	976	682	0.02%	0.003%
50	10.008	2787	2789	2794	rVB4	729	647	0.02%	0.003%
51	10.095	2814	2816	2821	rBV4	877	556	0.02%	0.002%
52	10.149	2821	2833	2857	rBV	497042	797453	25.96%	3.566%
53	10.342	2891	2893	2898	rVB6	1192	779	0.03%	0.003%
54	10.413	2912	2915	2921	rBV6	664	577	0.02%	0.003%
55	10.474	2927	2934	2935	rBV6	975	926	0.03%	0.004%
56	10.693	2997	3002	3003	rBV4	828	632	0.02%	0.003%
57	10.751	3016	3020	3022	rVV4	721	619	0.02%	0.003%
58	10.773	3024	3027	3033	rVB5	1123	1204	0.04%	0.005%
59	10.847	3046	3050	3051	rBV2	1074	808	0.03%	0.004%
60	10.860	3051	3054	3056	rBV3	1179	878	0.03%	0.004%
61	11.050	3108	3113	3115	rVV4	957	674	0.02%	0.003%
62	11.130	3132	3138	3142	rVV7	2450	2516	0.08%	0.011%
63	11.181	3142	3154	3191	rVV	1021929	1634243	53.20%	7.309%
64	11.464	3234	3242	3253	rVB	17054	26649	0.87%	0.119%
65	11.516	3254	3258	3259	rBV3	1028	701	0.02%	0.003%
66	11.554	3259	3270	3300	rBV	950323	1496048	48.70%	6.690%
67	11.953	3391	3394	3398	rBV5	836	638	0.02%	0.003%
68	12.021	3410	3415	3419	rBV5	996	1132	0.04%	0.005%
69	12.313	3500	3506	3508	rBV7	601	651	0.02%	0.003%
70	12.406	3531	3535	3536	rBV3	1805	934	0.03%	0.004%
71	12.590	3584	3592	3598	rVV3	1946	2429	0.08%	0.011%
72	12.670	3610	3617	3624	rVB10	2072	2505	0.08%	0.011%
73	12.828	3659	3666	3676	rVB8	4489	6781	0.22%	0.030%
74	12.937	3697	3700	3705	rVB5	1170	986	0.03%	0.004%
75	12.985	3711	3715	3719	rBV6	781	767	0.02%	0.003%
76	13.204	3774	3783	3784	rBV7	2059	2428	0.08%	0.011%

LSC Area Percent Report

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Sample : P3437-15
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Y5

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Title : VOC Analysis

77	13.432	3842	3854	3883	rVV	1956995	3071844	100.00%	13.738%
78	13.558	3885	3893	3911	rVB	46805	82963	2.70%	0.371%
79	13.670	3925	3928	3929	rBV3	1113	650	0.02%	0.003%
80	13.786	3962	3964	3969	rVB4	1062	693	0.02%	0.003%
81	13.892	3993	3997	4000	rBV4	828	820	0.03%	0.004%
82	13.959	4011	4018	4019	rBV7	901	1045	0.03%	0.005%
83	14.130	4069	4071	4078	rVV5	807	696	0.02%	0.003%
84	14.172	4079	4084	4088	rVB6	1260	1545	0.05%	0.007%
85	14.329	4130	4133	4137	rVB5	999	770	0.03%	0.003%
86	14.397	4151	4154	4157	rVB5	1214	844	0.03%	0.004%
87	14.509	4181	4189	4196	rBV2	10891	17842	0.58%	0.080%
88	14.564	4196	4206	4233	rVV	775763	1235021	40.20%	5.523%
89	14.683	4237	4243	4251	rVV	13644	21501	0.70%	0.096%
90	14.747	4252	4263	4287	rVB	389771	627872	20.44%	2.808%
91	15.297	4423	4434	4448	rBV	120547	192939	6.28%	0.863%
92	15.487	4485	4493	4503	rBV	49092	80512	2.62%	0.360%
93	15.599	4518	4528	4546	rBV2	82282	155237	5.05%	0.694%
94	15.744	4564	4573	4580	rBV2	101741	158311	5.15%	0.708%
95	15.947	4629	4636	4637	rBV3	10524	11407	0.37%	0.051%
96	16.117	4682	4689	4698	rBV4	12591	19162	0.62%	0.086%
97	16.223	4715	4722	4734	rVB3	25877	41833	1.36%	0.187%
98	16.413	4771	4781	4805	rBV	441974	696262	22.67%	3.114%
99	16.721	4868	4877	4894	rVB	77619	132302	4.31%	0.592%
100	17.323	5057	5064	5080	rVB2	33434	61534	2.00%	0.275%

Sum of corrected areas: 22360790

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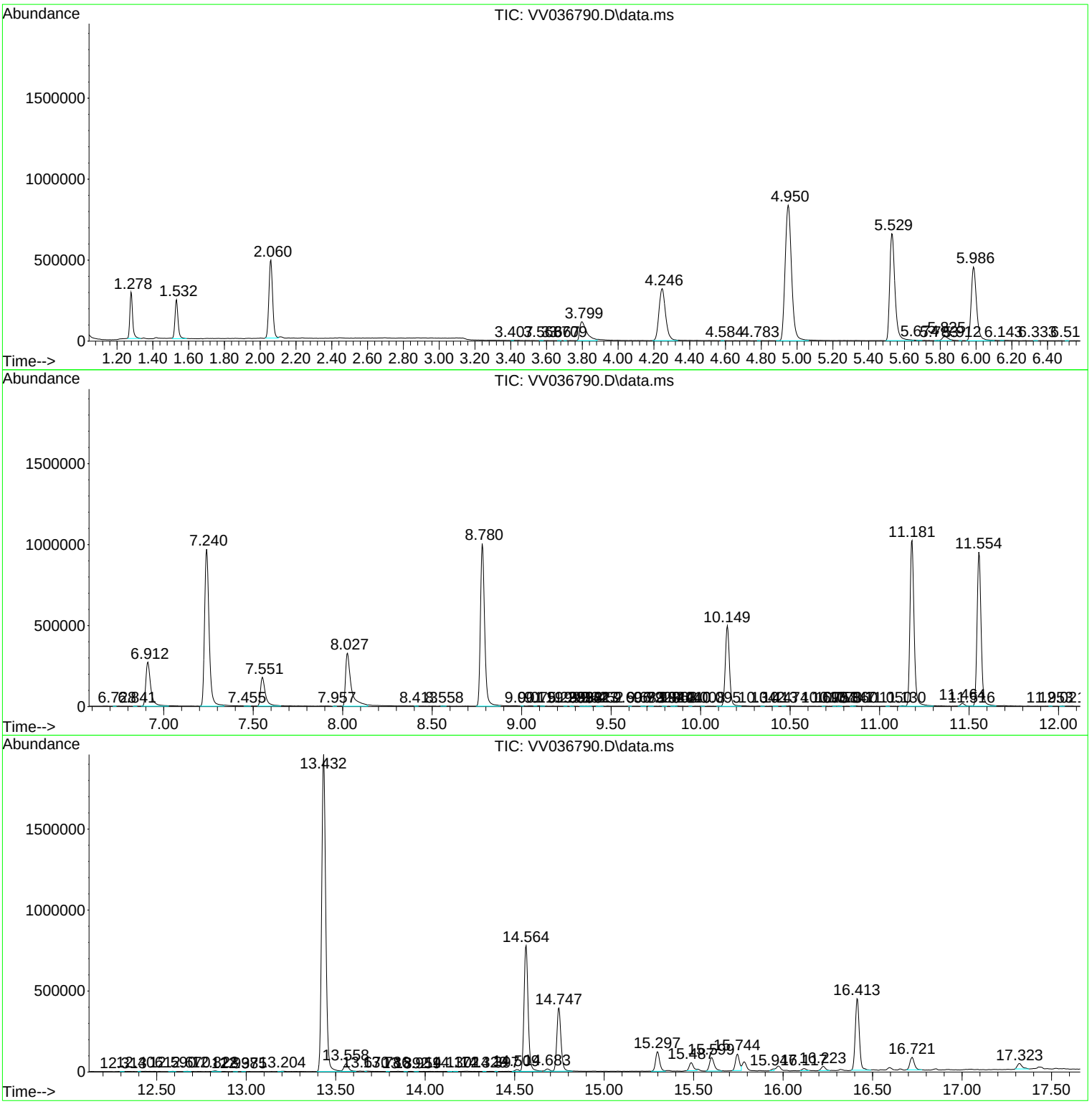
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Y5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
Data File : VV036790.D
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Instrument :
MSVOA_V
ClientSampleId :
E05Y5

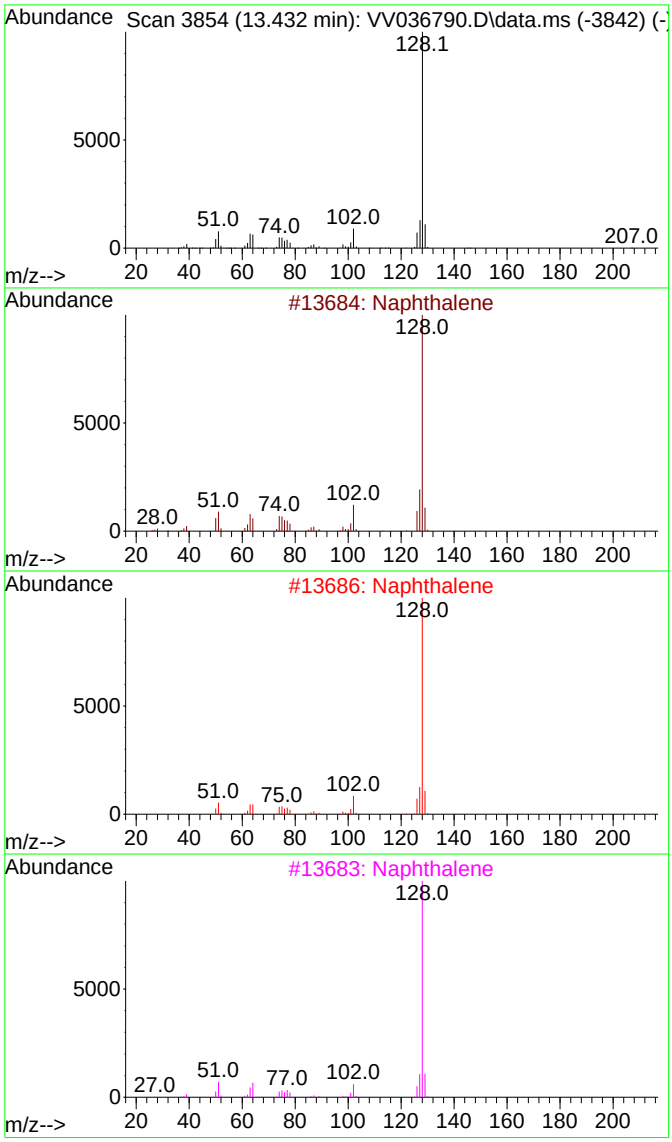
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

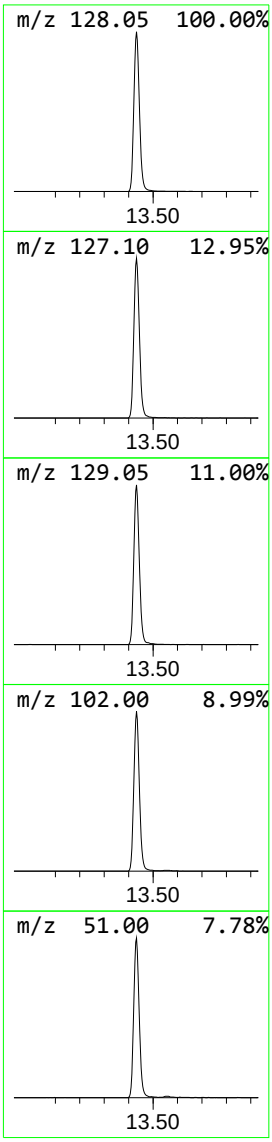
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.432	93.98 ug/L	3071840	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Naphthalene	128	C10H8	000091-20-3	95
3	Naphthalene	128	C10H8	000091-20-3	95
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
Data File : VV036790.D
Acq On : 05 Aug 2024 16:25
Operator : SY/MD
Sample : P3437-15
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Y5

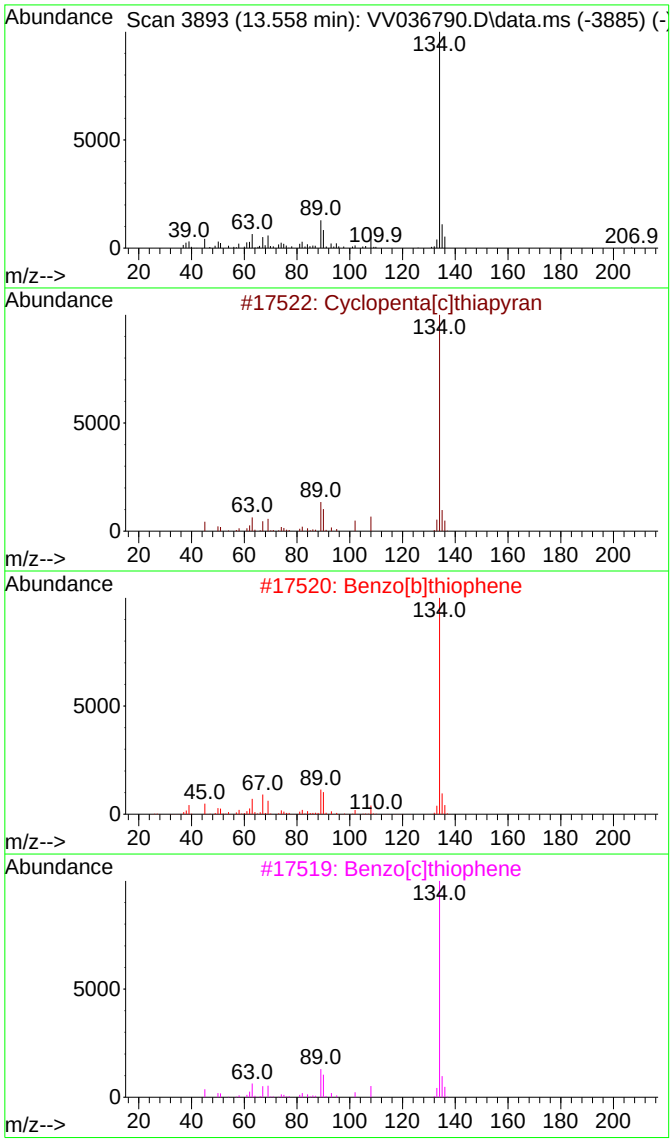
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

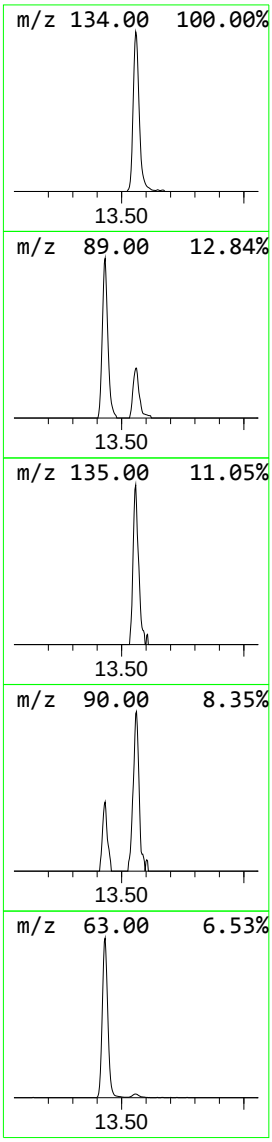
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopenta[c]thiapyran Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.558	2.54 ug/L	82963	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	90
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





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Instrument :
MSVOA_V
ClientSampleId :
E05Y5

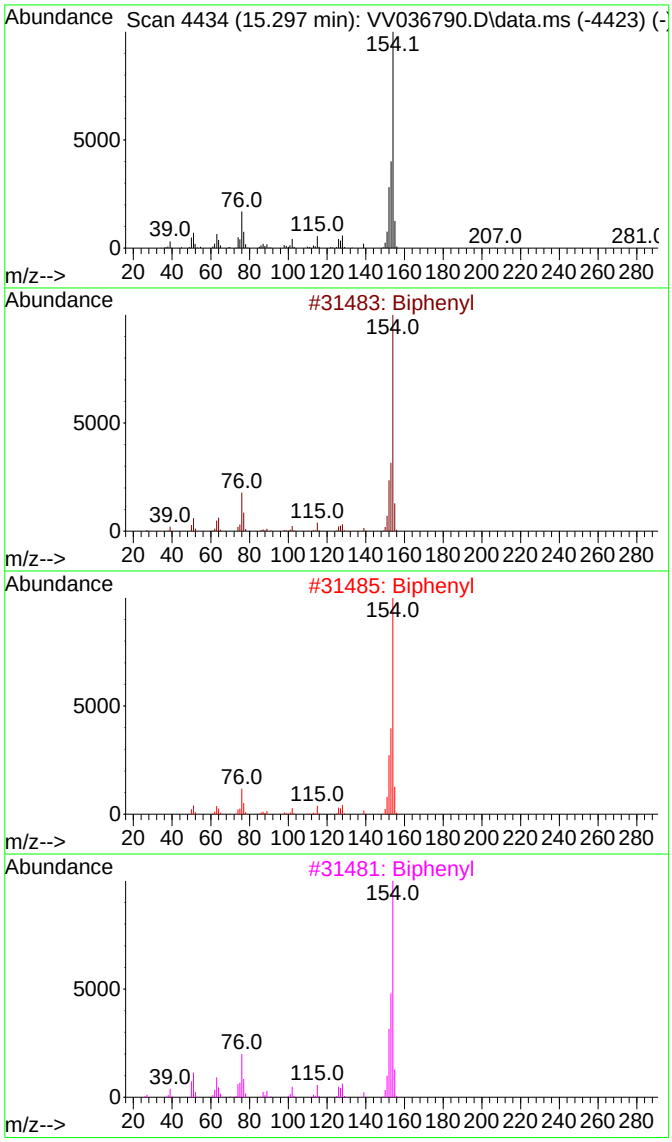
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

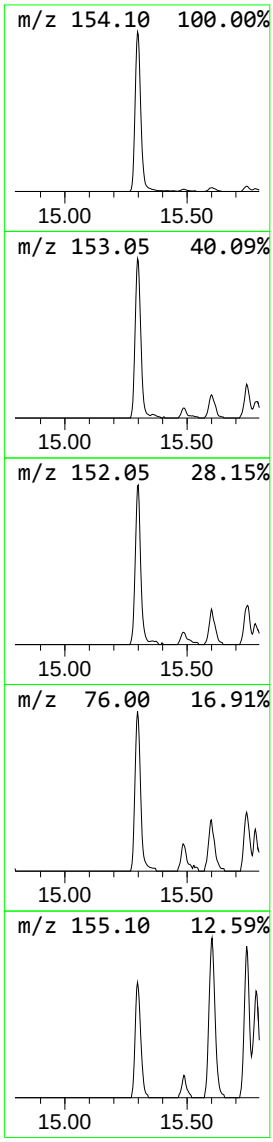
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-ethenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.297	5.90 ug/L	192939	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	94
3	Biphenyl	154	C12H10	000092-52-4	93
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5	Biphenyl	154	C12H10	000092-52-4	76





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Instrument :
MSVOA_V
ClientSampleId :
E05Y5

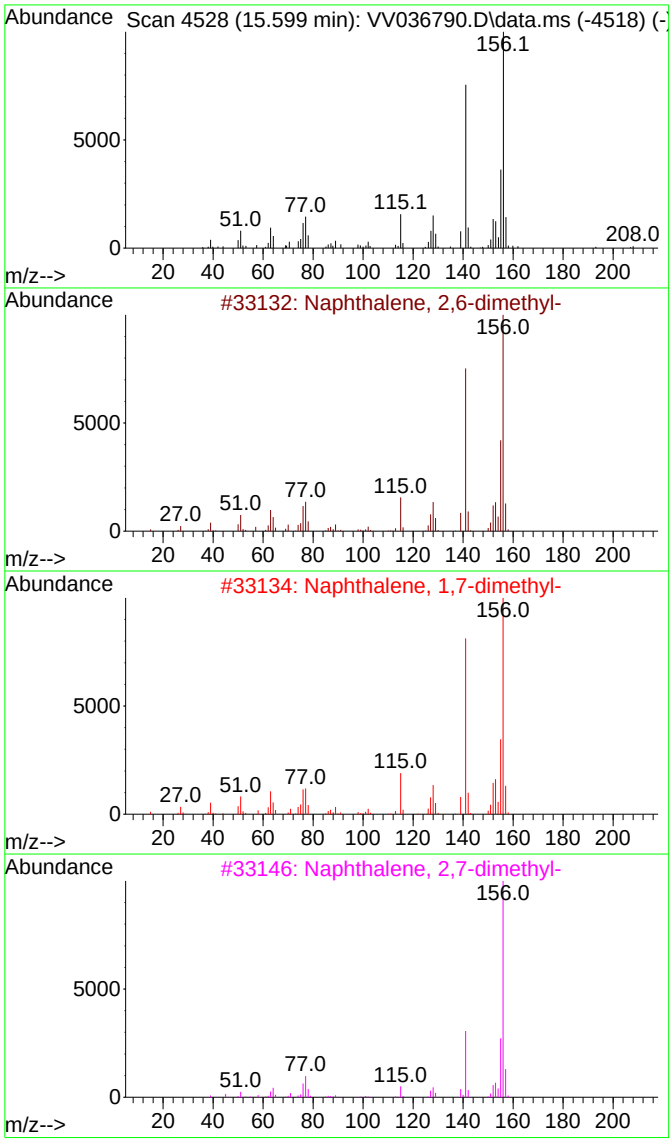
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

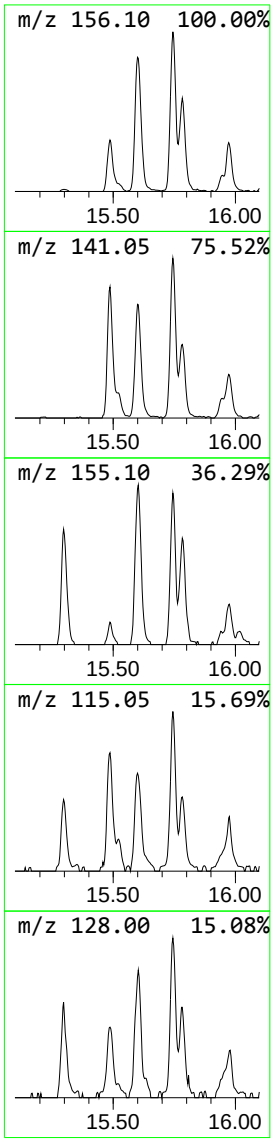
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.599	4.75 ug/L	155237	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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Data File : VV036790.D
Acq On : 05 Aug 2024 16:25
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Sample : P3437-15
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Y5

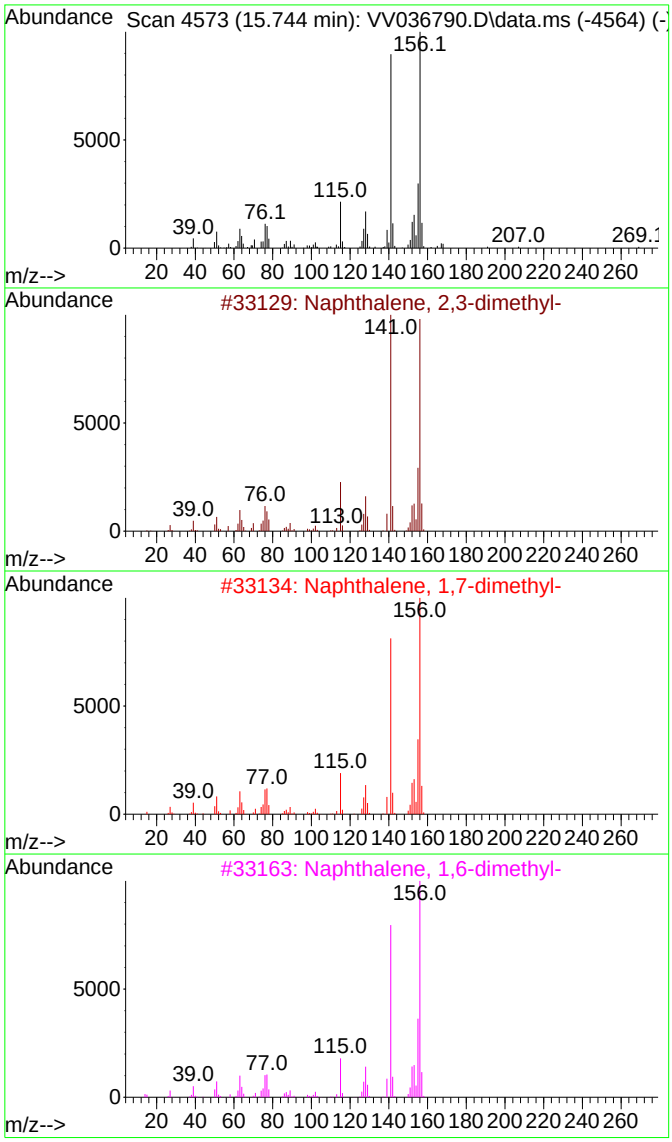
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

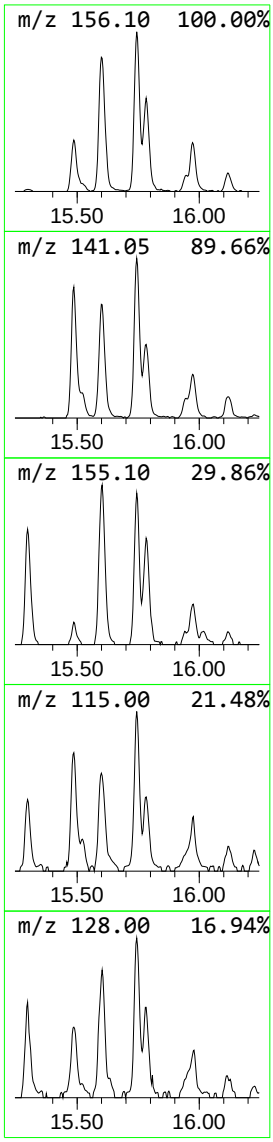
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.744	4.84 ug/L	158311	1,4-Dichlorobenzene-d4	11.182

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
Data File : VV036790.D
Acq On : 05 Aug 2024 16:25
Operator : SY/MD
Sample : P3437-15
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Y5

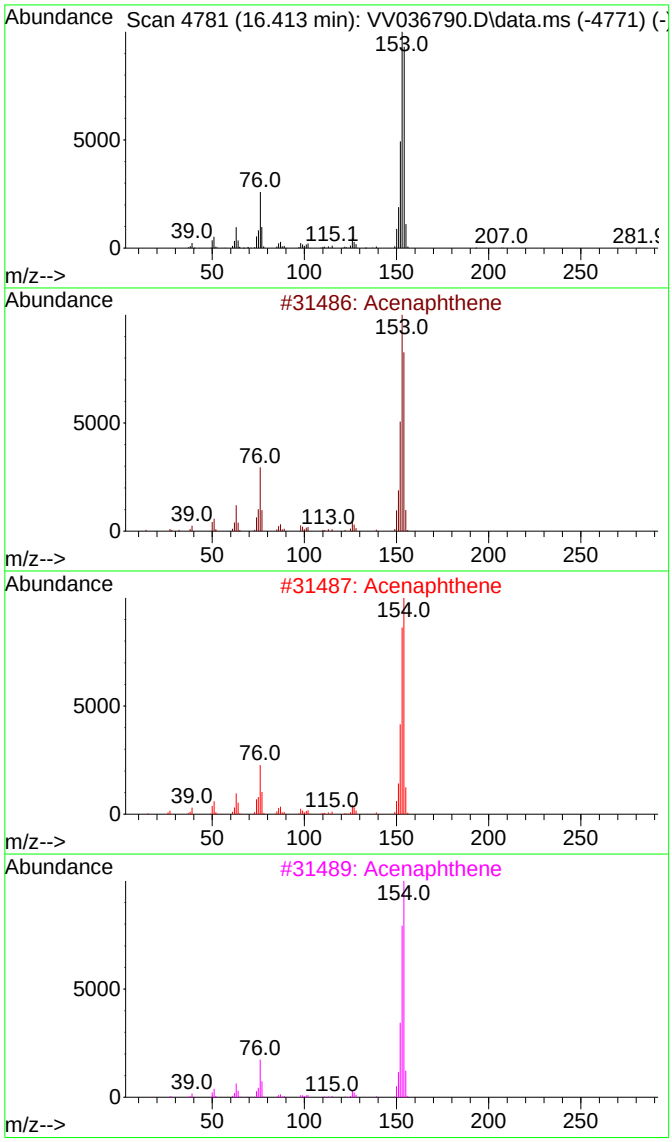
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

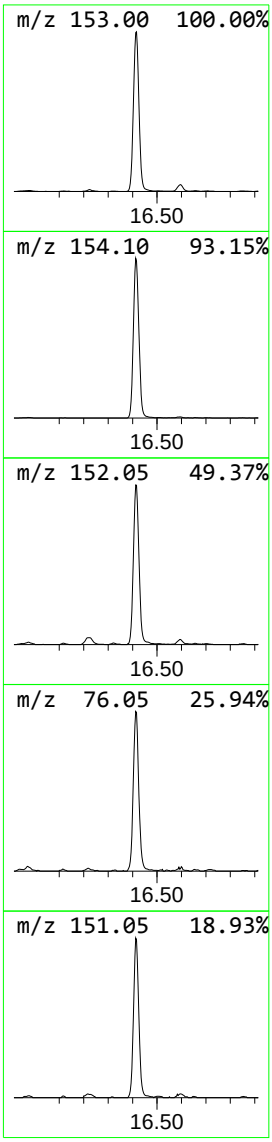
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.413	21.30 ug/L	696262	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	96
2	Acenaphthene	154	C12H10	000083-32-9	90
3	Acenaphthene	154	C12H10	000083-32-9	81
4	Acenaphthene	154	C12H10	000083-32-9	70
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
Data File : VV036790.D
Acq On : 05 Aug 2024 16:25
Operator : SY/MD
Sample : P3437-15
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Y5

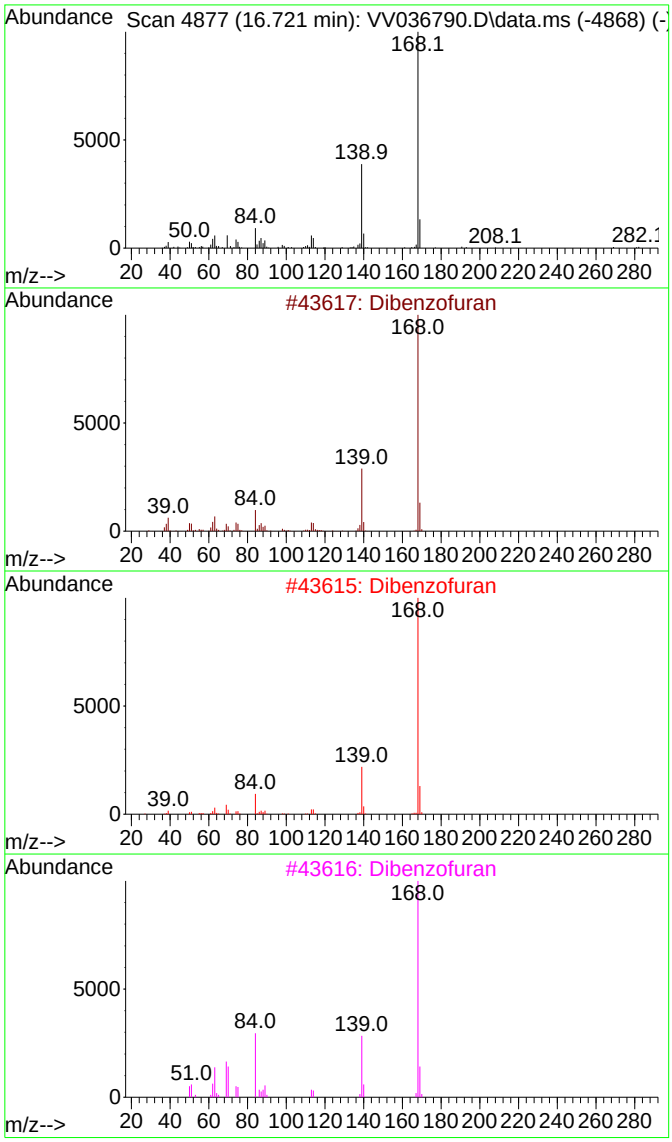
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

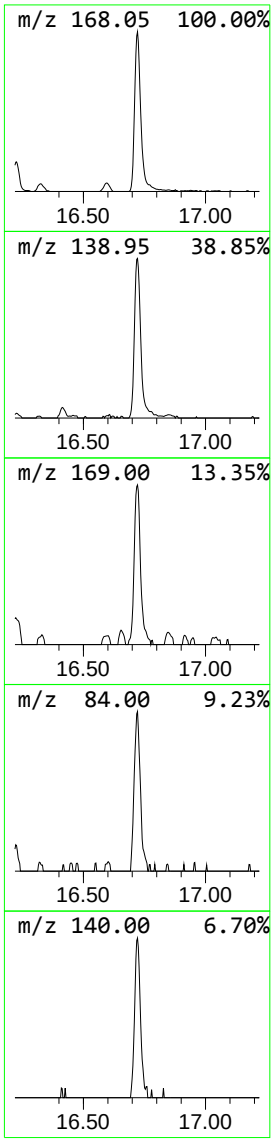
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Naphthalenecarbonitrile, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.721	4.05 ug/L	132302	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	97
2	Dibenzofuran	168	C12H8O	000132-64-9	91
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	53
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
Data File : VV036790.D
Acq On : 05 Aug 2024 16:25
Operator : SY/MD
Sample : P3437-15
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Y5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Azulene	13.432	94.0	ug/L	3071840	3	11.182	1634240	50.0
Cyclopenta[c]th...	13.558	2.5	ug/L	82963	3	11.182	1634240	50.0
Naphthalene, 2-...	15.297	5.9	ug/L	192939	3	11.182	1634240	50.0
Naphthalene, 2,...	15.599	4.8	ug/L	155237	3	11.182	1634240	50.0
Naphthalene, 2,...	15.744	4.8	ug/L	158311	3	11.182	1634240	50.0
1,4-Ethenonapht...	16.413	21.3	ug/L	696262	3	11.182	1634240	50.0
1-Naphthaleneca...	16.721	4.0	ug/L	132302	3	11.182	1634240	50.0