LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032122.D
Acq On : 15 Sep 2023 15:25
Operator : SY/MD
Sample : 04440-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX822

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\SFAMVLM082323WMA.M
Title : VOC Analysis

Signal : TIC: VV032122.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	92	rVB	120657	126986	15.33%	1.758%
2	1.532	146	153	169	rVB	96528	114382	13.81%	1.583%
3	2.060	308	317	333	rBV	184653	268943	32.46%	3.723%
4	2.809	547	550	553	rVB2	377	217	0.03%	0.003%
5	2.831	553	557	558	rBV	294	168	0.02%	0.002%
6	2.867	564	568	570	rBV2	251	163	0.02%	0.002%
7	2.957	593	596	600	rVB	423	294	0.04%	0.004%
8	2.976	600	602	605	rBV2	299	186	0.02%	0.003%
9	3.053	622	626	629	rBV2	150	150	0.02%	0.002%
10	3.285	695	698	703	rVB2	314	182	0.02%	0.003%
11	3.555	779	782	788	rVB2	250	220	0.03%	0.003%
12	3.793	846	856	887	rBV2	60688	169792	20.49%	2.350%
13	4.252	983	999	1026	rBV2	121586	314617	37.97%	4.355%
14	4.600	1099	1107	1113	rBV4	437	591	0.07%	0.008%
15	4.658	1121	1125	1131	rBV2	256	314	0.04%	0.004%
16	4.754	1152	1155	1159	rVB3	276	224	0.03%	0.003%
17	4.783	1159	1164	1167	rBV2	252	174	0.02%	0.002%
18	4.812	1169	1173	1180	rVB2	285	227	0.03%	0.003%
19	4.960	1202	1219	1248	rBV2	312221	828509	100.00%	11.469%
20	5.323	1329	1332	1335	rVB3	470	315	0.04%	0.004%
21	5.355	1338	1342	1346	rVB2	204	183	0.02%	0.003%
22	5.384	1348	1351	1355	rVB3	350	260	0.03%	0.004%
23	5.416	1355	1361	1367	rBV3	352	463	0.06%	0.006%
24	5.539	1387	1399	1425	rBV	242234	502395	60.64%	6.955%
25	5.834	1480	1491	1509	rVB3	7403	16062	1.94%	0.222%
26	5.992	1527	1540	1582	rBV	181297	385662	46.55%	5.339%
27	6.201	1602	1605	1610	rBV2	364	305	0.04%	0.004%
28	6.297	1633	1635	1640	rVB2	424	278	0.03%	0.004%
29	6.381	1658	1661	1667	rVB2	237	233	0.03%	0.003%
30	6.436	1675	1678	1682	rVB2	398	233	0.03%	0.003%
31	6.519	1701	1704	1707	rBV2	362	297	0.04%	0.004%
32	6.590	1723	1726	1729	rBV4	559	427	0.05%	0.006%
33	6.680	1752	1754	1757	rVB	323	160	0.02%	0.002%
34	6.703	1757	1761	1762	rBV2	300	210	0.03%	0.003%
35	6.757	1773	1778	1783	rBV3	394	301	0.04%	0.004%
36	6.834	1799	1802	1805	rVB2	284	160	0.02%	0.002%

LSC Area Percent Report

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Sample : 04440-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX822

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\SFAMVLM082323WMA.M
Title : VOC Analysis

37	6.863	1809	1811	1816	rVB2	282	186	0.02%	0.003%
38	6.918	1816	1828	1860	rBV	96941	190439	22.99%	2.636%
39	7.130	1890	1894	1899	rBV5	930	1141	0.14%	0.016%
40	7.246	1919	1930	1959	rBV	371921	675217	81.50%	9.347%
41	7.558	2016	2027	2051	rBV	64923	122852	14.83%	1.701%
42	7.767	2090	2092	2096	rVB2	308	226	0.03%	0.003%
43	7.828	2109	2111	2114	rVB3	352	152	0.02%	0.002%
44	7.847	2114	2117	2118	rBV	511	224	0.03%	0.003%
45	7.989	2158	2161	2164	rBV	282	185	0.02%	0.003%
46	8.027	2164	2173	2201	rBV	186457	356161	42.99%	4.930%
47	8.391	2283	2286	2291	rVB2	420	297	0.04%	0.004%
48	8.423	2291	2296	2301	rBV4	359	365	0.04%	0.005%
49	8.538	2329	2332	2336	rBV3	217	232	0.03%	0.003%
50	8.629	2355	2360	2362	rBV3	182	182	0.02%	0.003%
51	8.738	2390	2394	2395	rBV2	325	264	0.03%	0.004%
52	8.789	2398	2410	2430	rBV	375024	628733	75.89%	8.704%
53	8.998	2473	2475	2481	rBV3	586	249	0.03%	0.003%
54	9.072	2496	2498	2502	rBV3	242	154	0.02%	0.002%
55	9.092	2502	2504	2507	rBV2	416	328	0.04%	0.005%
56	9.207	2537	2540	2547	rVB2	424	427	0.05%	0.006%
57	9.246	2547	2552	2554	rBV3	255	215	0.03%	0.003%
58	9.284	2562	2564	2570	rBV3	283	189	0.02%	0.003%
59	9.362	2585	2588	2590	rBV2	342	197	0.02%	0.003%
60	9.384	2593	2595	2600	rVV2	155	149	0.02%	0.002%
61	9.490	2625	2628	2629	rVV2	299	179	0.02%	0.002%
62	9.628	2669	2671	2674	rVB	318	191	0.02%	0.003%
63	9.654	2674	2679	2681	rBV3	306	249	0.03%	0.003%
64	9.702	2692	2694	2699	rVB2	269	187	0.02%	0.003%
65	9.757	2706	2711	2715	rVB2	338	241	0.03%	0.003%
66	9.973	2776	2778	2783	rVB	205	140	0.02%	0.002%
67	10.014	2787	2791	2793	rBV2	226	170	0.02%	0.002%
68	10.046	2797	2801	2804	rBV2	338	228	0.03%	0.003%
69	10.075	2807	2810	2815	rBV2	313	232	0.03%	0.003%
70	10.156	2824	2835	2859	rBV	239805	380266	45.90%	5.264%
71	10.329	2877	2889	2900	rVB2	5880	9710	1.17%	0.134%
72	10.397	2906	2910	2911	rBV	322	170	0.02%	0.002%
73	10.464	2927	2931	2933	rBV2	273	252	0.03%	0.003%
74	10.561	2956	2961	2964	rBV2	287	229	0.03%	0.003%
75	10.603	2969	2974	2975	rBV2	199	155	0.02%	0.002%
76	10.860	3051	3054	3060	rBV2	348	335	0.04%	0.005%

LSC Area Percent Report

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Operator : SY/MD
Sample : 04440-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX822

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\SFAMVLM082323WMA.M
Title : VOC Analysis

77	11.024	3102	3105	3109	rVV2	194	175	0.02%	0.002%
78	11.091	3121	3126	3133	rVB4	327	325	0.04%	0.004%
79	11.188	3145	3156	3179	rBV	429828	663450	80.08%	9.184%
80	11.390	3216	3219	3226	rBV3	198	216	0.03%	0.003%
81	11.471	3236	3244	3252	rBV3	4937	8267	1.00%	0.114%
82	11.564	3262	3273	3292	rBV	379373	593333	71.61%	8.214%
83	11.828	3353	3355	3357	rBV2	447	245	0.03%	0.003%
84	11.905	3374	3379	3382	rVB2	305	300	0.04%	0.004%
85	11.927	3382	3386	3387	rBV	264	155	0.02%	0.002%
86	12.435	3541	3544	3547	rVV2	481	330	0.04%	0.005%
87	12.519	3567	3570	3573	rBV3	214	170	0.02%	0.002%
88	12.590	3588	3592	3593	rBV2	347	162	0.02%	0.002%
89	12.834	3666	3668	3670	rBV	249	157	0.02%	0.002%
90	12.972	3708	3711	3714	rBV	286	223	0.03%	0.003%
91	13.136	3757	3762	3763	rBV	210	169	0.02%	0.002%
92	13.342	3823	3826	3828	rBV	319	177	0.02%	0.002%
93	13.442	3845	3857	3884	rBV	425462	662543	79.97%	9.172%
94	13.564	3887	3895	3909	rVB	28545	45101	5.44%	0.624%
95	13.992	4020	4028	4036	rBV5	1247	2026	0.24%	0.028%
96	14.056	4045	4048	4049	rBV	299	185	0.02%	0.003%
97	14.574	4200	4209	4227	rBV	44816	73084	8.82%	1.012%
98	14.757	4258	4266	4286	rVB	31870	52221	6.30%	0.723%
99	15.053	4356	4358	4360	rBV	395	165	0.02%	0.002%
100	15.310	4430	4438	4450	rVB2	9924	14649	1.77%	0.203%

Sum of corrected areas: 7223809

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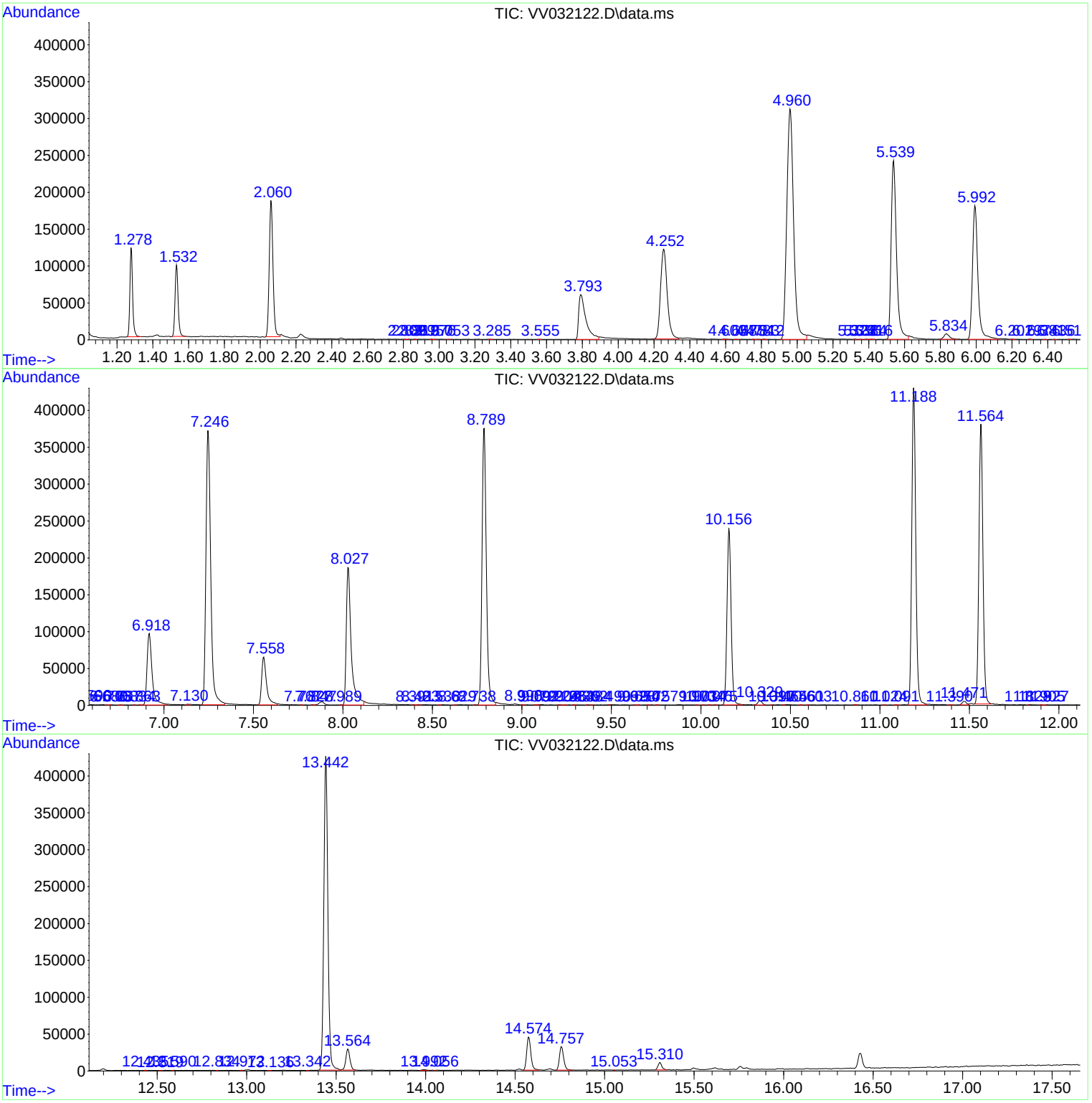
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX822

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032122.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX822

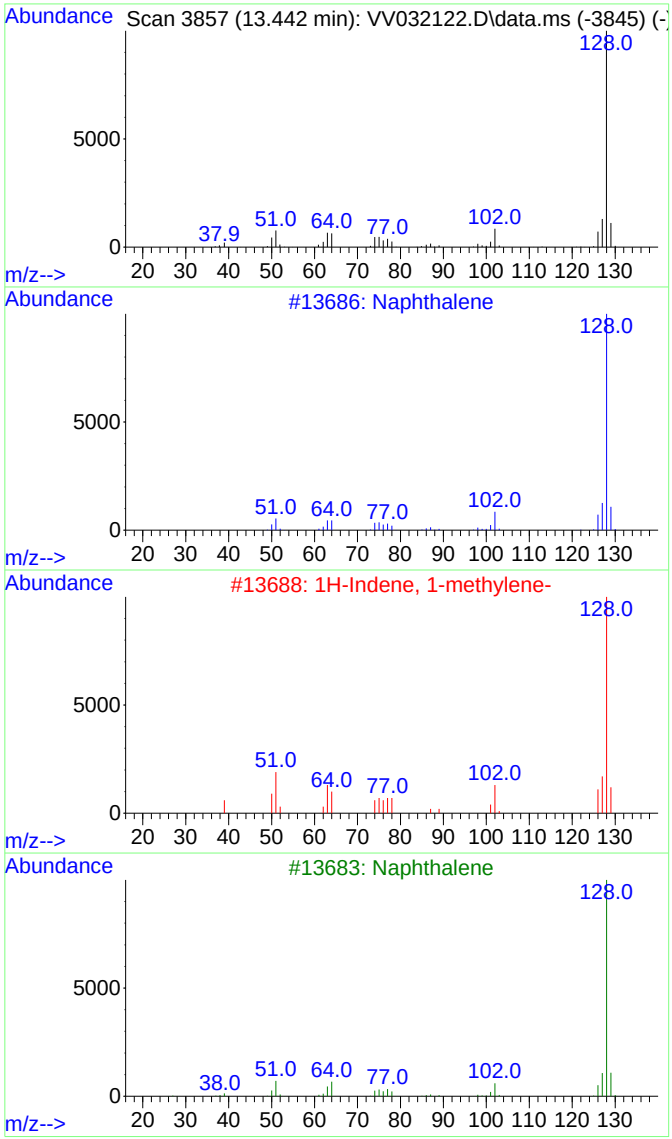
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

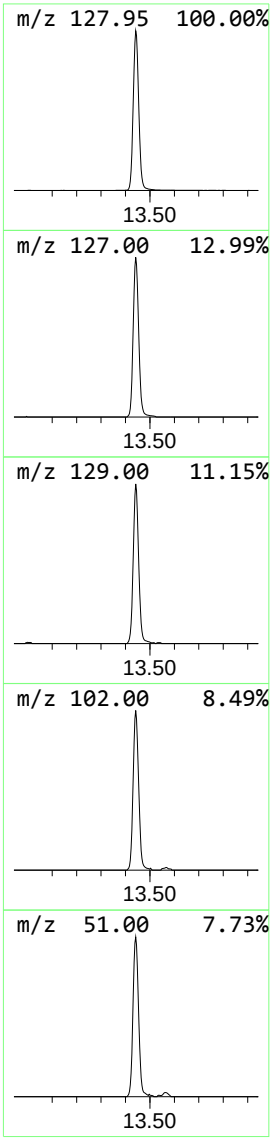
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.442	49.93 ug/L	662543	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032122.D
Acq On : 15 Sep 2023 15:25
Operator : SY/MD
Sample : 04440-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX822

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

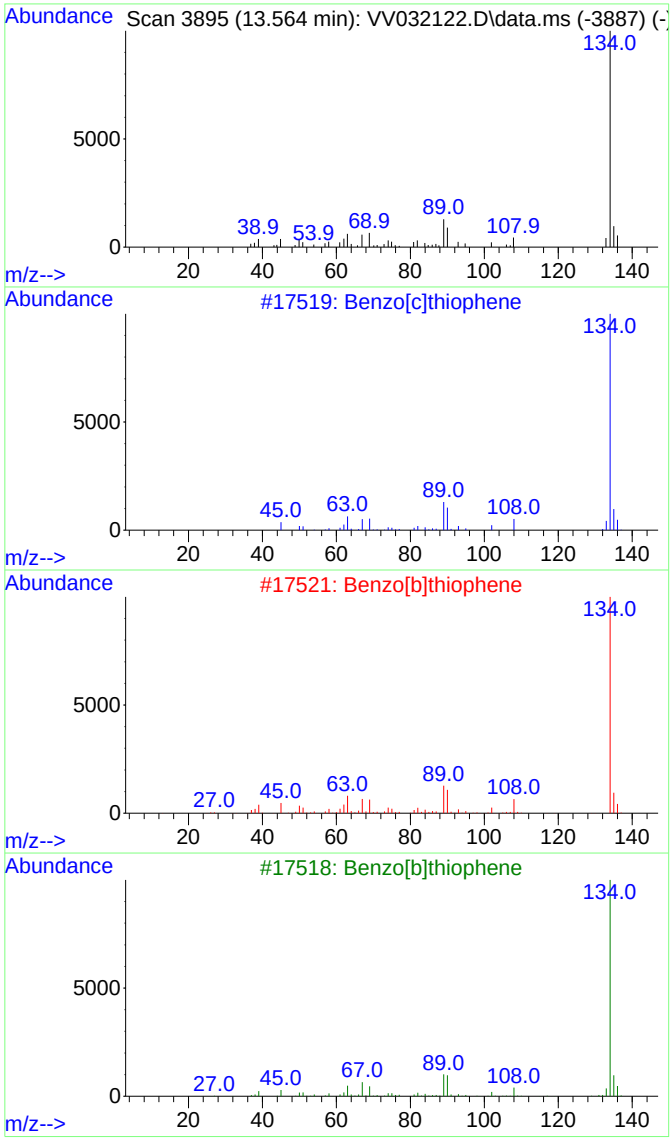
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

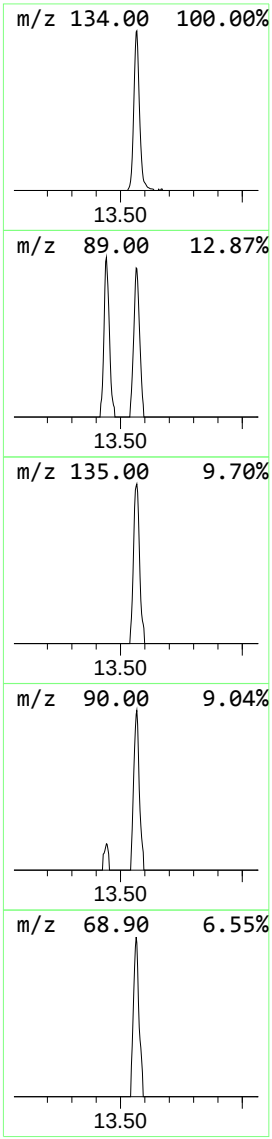
****

Peak Number 3 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.564	3.40 ug/L	45101	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032122.D
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Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX822

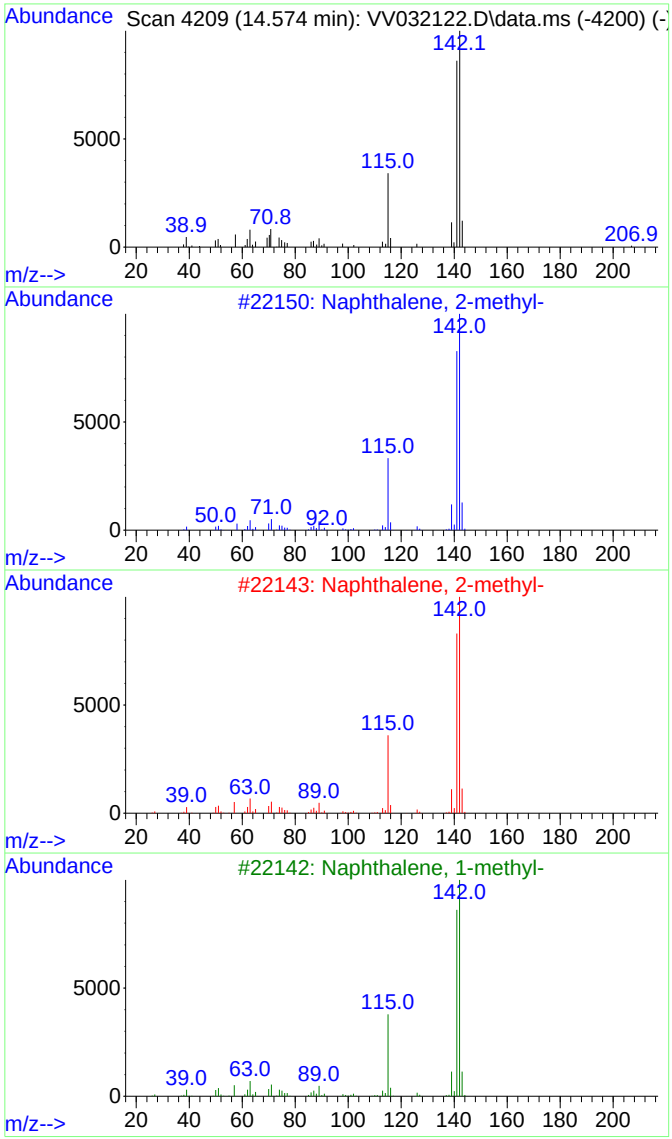
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

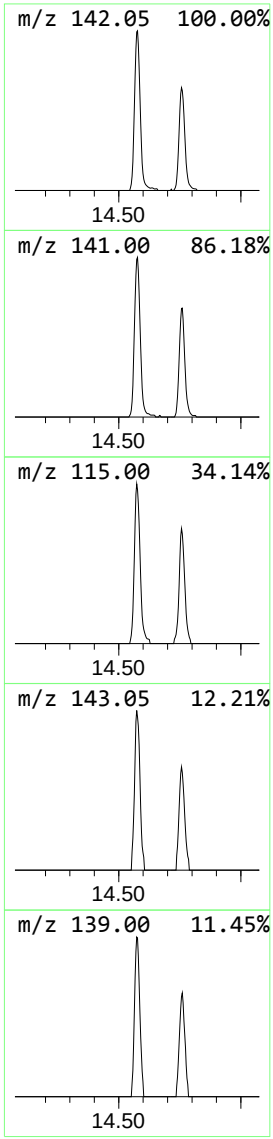
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	5.51 ug/L	73084	1,4-Dichlorobenzene-d4	11.188

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, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032122.D
Acq On : 15 Sep 2023 15:25
Operator : SY/MD
Sample : 04440-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX822

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

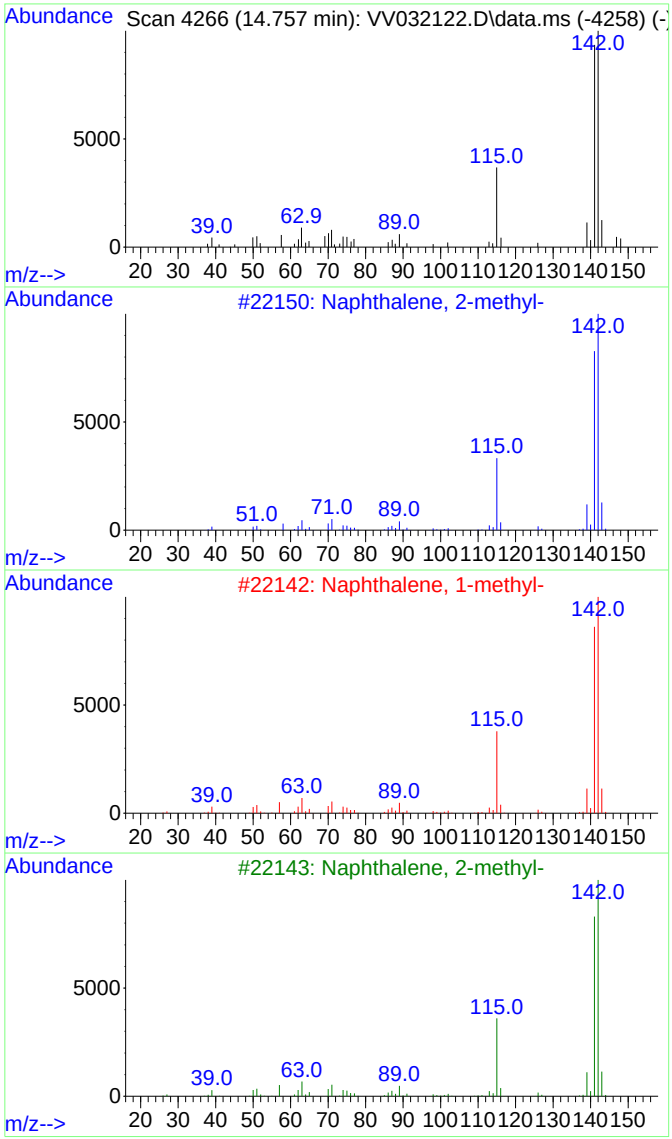
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

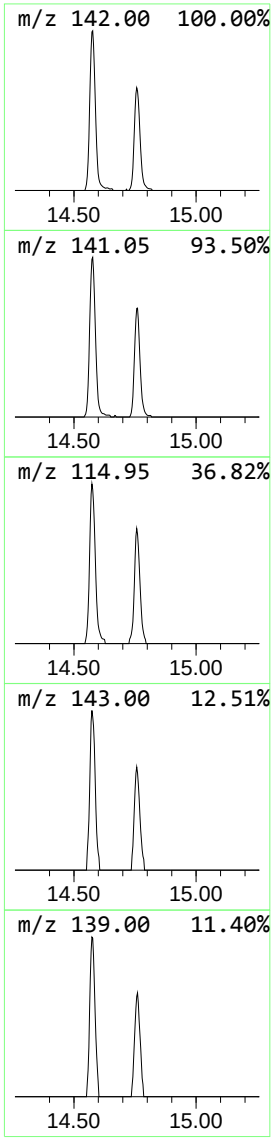
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	3.94 ug/L	52221	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95





Tentatively Identified Compound (LSC) summary

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Data File : VV032122.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX822

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.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	13.442	49.9	ug/L	662543	3	11.188	663450	50.0
Benzo[c]thiophene	13.564	3.4	ug/L	45101	3	11.188	663450	50.0
Naphthalene, 2-...	14.574	5.5	ug/L	73084	3	11.188	663450	50.0
Naphthalene, 1-...	14.757	3.9	ug/L	52221	3	11.188	663450	50.0