LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

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\SFAMVLM072822WMA.M
Title : VOC Analysis

Signal : TIC: VV027084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	75	82	98	rVB	247868	268077	3.67%	0.715%
2	1.565	155	163	179	rVB	235145	267173	3.65%	0.713%
3	2.101	320	330	345	rBV	442197	630908	8.63%	1.684%
4	2.503	440	455	464	rVB9	3863	7333	0.10%	0.020%
5	2.764	526	536	550	rVV2	12517	25960	0.36%	0.069%
6	2.854	558	564	565	rBV3	453	461	0.01%	0.001%
7	3.288	695	699	701	rBV4	782	633	0.01%	0.002%
8	3.822	858	865	867	rBV4	402	486	0.01%	0.001%
9	3.889	875	886	948	rBV	144914	556910	7.62%	1.486%
10	4.343	1011	1027	1070	rBV	347993	878572	12.02%	2.345%
11	4.571	1093	1098	1103	rBV3	634	617	0.01%	0.002%
12	4.606	1107	1109	1115	rVB3	669	668	0.01%	0.002%
13	5.040	1227	1244	1290	rBV2	769428	2123313	29.04%	5.667%
14	5.355	1338	1342	1344	rBV3	640	475	0.01%	0.001%
15	5.375	1344	1348	1354	rVV4	973	962	0.01%	0.003%
16	5.523	1391	1394	1399	rVB2	845	602	0.01%	0.002%
17	5.551	1399	1403	1409	rBV4	645	659	0.01%	0.002%
18	5.613	1409	1422	1469	rBV	507155	1073408	14.68%	2.865%
19	5.912	1501	1515	1529	rBV4	11379	26177	0.36%	0.070%
20	6.066	1548	1563	1598	rBV	473854	985213	13.48%	2.630%
21	6.703	1754	1761	1765	rBV4	680	836	0.01%	0.002%
22	6.863	1807	1811	1815	rVB	533	464	0.01%	0.001%
23	6.986	1837	1849	1877	rBV	178969	344240	4.71%	0.919%
24	7.314	1939	1951	1968	rBV	773932	1374766	18.80%	3.669%
25	7.529	2015	2018	2023	rVB3	997	906	0.01%	0.002%
26	7.555	2023	2026	2031	rVB3	1377	977	0.01%	0.003%
27	7.619	2031	2046	2068	rBV	131772	242613	3.32%	0.648%
28	7.931	2139	2143	2146	rBV3	698	561	0.01%	0.001%
29	7.976	2153	2157	2159	rBV2	1272	913	0.01%	0.002%
30	8.088	2182	2192	2231	rBV	576921	1146109	15.68%	3.059%
31	8.252	2236	2243	2260	rVB6	10667	23180	0.32%	0.062%
32	8.850	2417	2429	2458	rBV	826425	1364172	18.66%	3.641%
33	9.011	2469	2479	2500	rBV	238643	382124	5.23%	1.020%
34	9.140	2509	2519	2535	rBV	65911	113194	1.55%	0.302%
35	9.317	2570	2574	2577	rVV6	843	748	0.01%	0.002%
36	9.545	2633	2645	2663	rVV	38450	66006	0.90%	0.176%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBUQ0

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\SFAMVLM072822WMA.M
Title : VOC Analysis

37	9.661	2676	2681	2684	rVB2	604	530	0.01%	0.001%
38	9.686	2684	2689	2691	rBV3	553	567	0.01%	0.002%
39	9.738	2700	2705	2711	rVB3	497	562	0.01%	0.001%
40	9.776	2712	2717	2720	rBV3	553	485	0.01%	0.001%
41	9.828	2729	2733	2740	rBV2	721	785	0.01%	0.002%
42	9.931	2756	2765	2778	rBV	17635	27893	0.38%	0.074%
43	10.149	2829	2833	2837	rBV2	648	541	0.01%	0.001%
44	10.214	2841	2853	2878	rBV	846889	1309809	17.92%	3.496%
45	10.358	2888	2898	2910	rBV2	10467	15530	0.21%	0.041%
46	10.474	2918	2934	2944	rBV2	14599	35228	0.48%	0.094%
47	10.538	2946	2954	2964	rVB3	12761	20339	0.28%	0.054%
48	10.667	2990	2994	2999	rVB4	676	678	0.01%	0.002%
49	10.706	2999	3006	3007	rBV3	636	646	0.01%	0.002%
50	10.738	3007	3016	3025	rBV2	29981	45033	0.62%	0.120%
51	10.857	3048	3053	3058	rBV5	1203	1480	0.02%	0.004%
52	10.915	3058	3071	3089	rVV	43798	69203	0.95%	0.185%
53	10.995	3091	3096	3103	rBV5	1351	1949	0.03%	0.005%
54	11.085	3118	3124	3135	rVB8	4249	6374	0.09%	0.017%
55	11.175	3143	3152	3163	rBV4	6886	12107	0.17%	0.032%
56	11.249	3163	3175	3193	rBV	830160	1291328	17.66%	3.447%
57	11.333	3194	3201	3214	rVB	35673	58128	0.80%	0.155%
58	11.403	3219	3223	3229	rVB5	3179	3276	0.04%	0.009%
59	11.452	3235	3238	3241	rBV4	654	507	0.01%	0.001%
60	11.526	3248	3261	3280	rBV	5062915	7311128	100.00%	19.513%
61	11.622	3280	3291	3317	rVV	1127838	1808595	24.74%	4.827%
62	11.744	3319	3329	3345	rVV	124146	190689	2.61%	0.509%
63	11.821	3349	3353	3370	rVB5	7281	12981	0.18%	0.035%
64	11.911	3374	3381	3388	rBV5	6721	9899	0.14%	0.026%
65	12.014	3404	3413	3417	rBV2	24774	35104	0.48%	0.094%
66	12.046	3419	3423	3433	rVV	39036	52787	0.72%	0.141%
67	12.114	3433	3444	3467	rVB	139092	228187	3.12%	0.609%
68	12.246	3479	3485	3486	rBV5	1856	1821	0.02%	0.005%
69	12.307	3495	3504	3511	rBV8	3920	7118	0.10%	0.019%
70	12.358	3511	3520	3530	rBV	76195	118627	1.62%	0.317%
71	12.410	3530	3536	3543	rVB2	17764	21569	0.30%	0.058%
72	12.464	3543	3553	3563	rBV2	116872	233431	3.19%	0.623%
73	12.722	3615	3633	3652	rBV	192555	301459	4.12%	0.805%
74	12.882	3670	3683	3695	rBV	376826	576666	7.89%	1.539%
75	12.947	3696	3703	3715	rVB2	33266	53444	0.73%	0.143%
76	13.046	3723	3734	3751	rVB3	208169	339990	4.65%	0.907%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBUQ0

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\SFAMVLM072822WMA.M
Title : VOC Analysis

77	13.162	3759	3770	3778	rBV3	7637	15111	0.21%	0.040%
78	13.214	3779	3786	3795	rVB4	19633	29248	0.40%	0.078%
79	13.268	3796	3803	3810	rBV5	15581	22352	0.31%	0.060%
80	13.365	3829	3833	3843	rVB2	16868	21883	0.30%	0.058%
81	13.500	3862	3875	3900	rBV	4099332	6015525	82.28%	16.055%
82	13.619	3903	3912	3923	rVV	148436	235569	3.22%	0.629%
83	13.767	3952	3958	3969	rVB6	14588	22296	0.30%	0.060%
84	13.908	3991	4002	4014	rBV2	23056	38678	0.53%	0.103%
85	13.972	4014	4022	4023	rBV7	2300	2581	0.04%	0.007%
86	14.091	4048	4059	4071	rBV3	27136	59489	0.81%	0.159%
87	14.188	4087	4089	4093	rBV3	1610	1230	0.02%	0.003%
88	14.233	4096	4103	4111	rVV3	12664	19522	0.27%	0.052%
89	14.291	4111	4121	4135	rVB4	43392	76307	1.04%	0.204%
90	14.432	4157	4165	4176	rVB6	13934	24269	0.33%	0.065%
91	14.574	4196	4209	4217	rBV	98992	157781	2.16%	0.421%
92	14.632	4217	4227	4254	rVB	744004	1195272	16.35%	3.190%
93	14.747	4254	4263	4272	rBV2	38095	59990	0.82%	0.160%
94	14.815	4272	4284	4298	rBV	1672021	2558169	34.99%	6.828%
95	15.551	4506	4513	4519	rBV2	26282	38462	0.53%	0.103%
96	15.664	4539	4548	4567	rVB4	39543	84641	1.16%	0.226%
97	15.808	4584	4593	4601	rBV2	83844	132911	1.82%	0.355%
98	16.011	4649	4656	4658	rBV4	12427	15023	0.21%	0.040%
99	16.181	4702	4709	4719	rVB4	12734	18841	0.26%	0.050%
100	16.484	4792	4803	4821	rBV	312632	505387	6.91%	1.349%

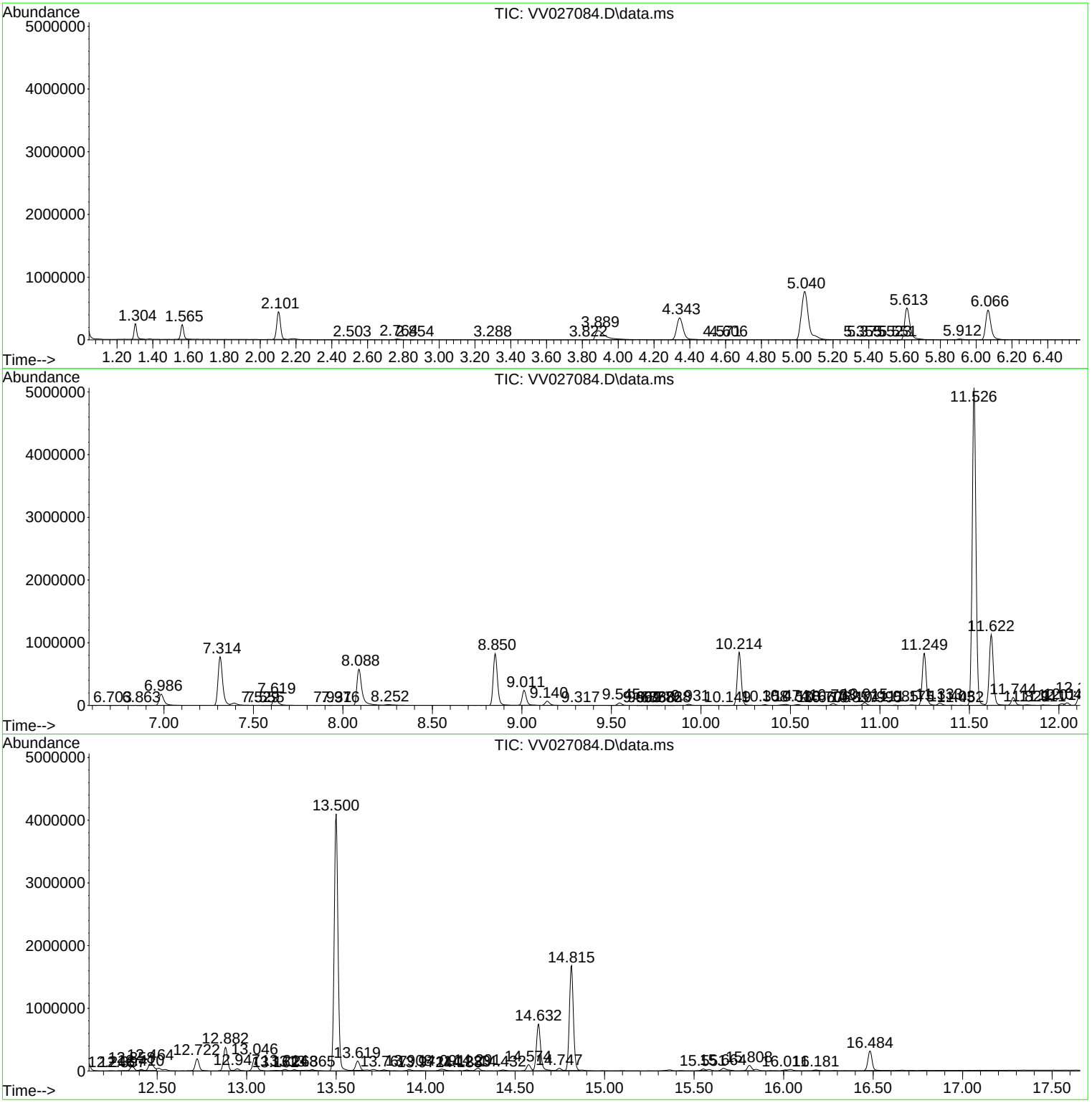
Sum of corrected areas: 37467426

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

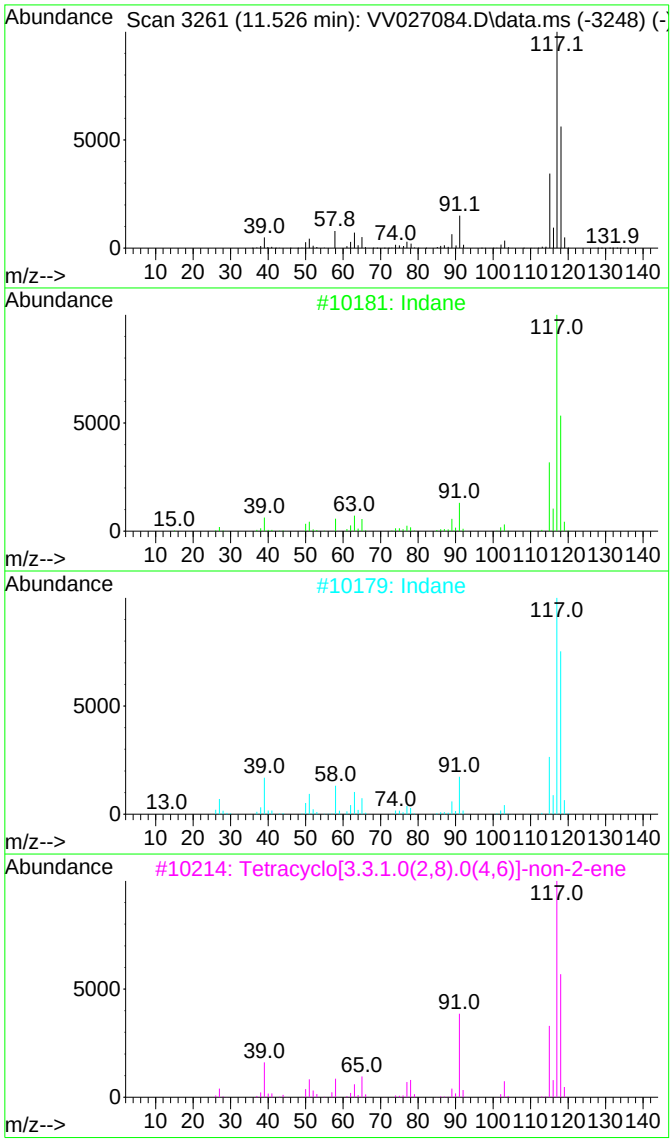
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

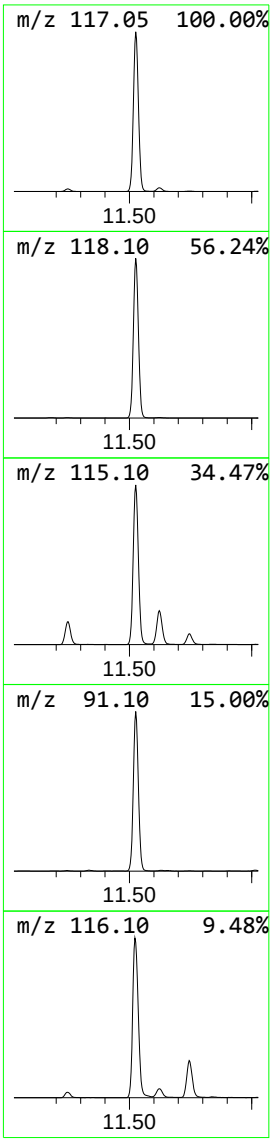
****

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.526	283.09 ug/L	7311130	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

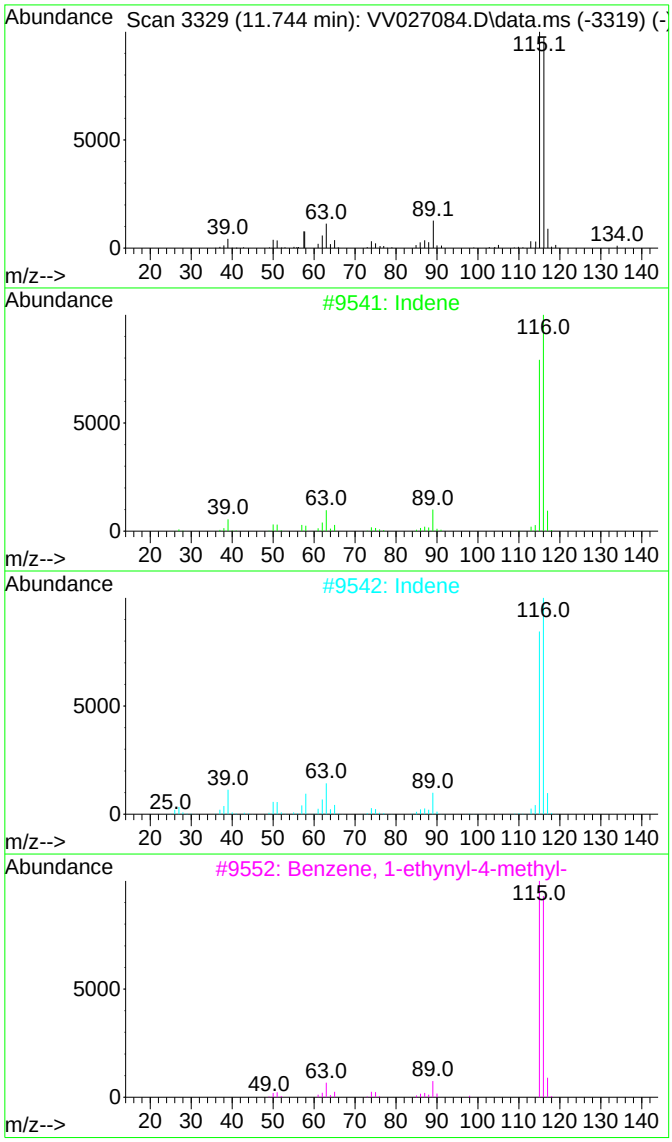
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

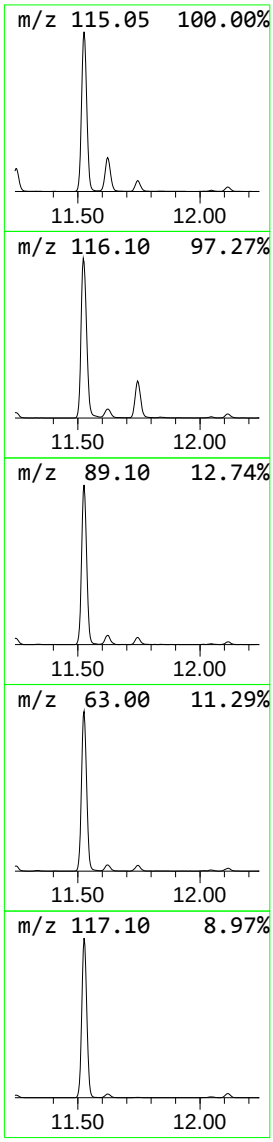
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.744	7.38 ug/L	190689	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

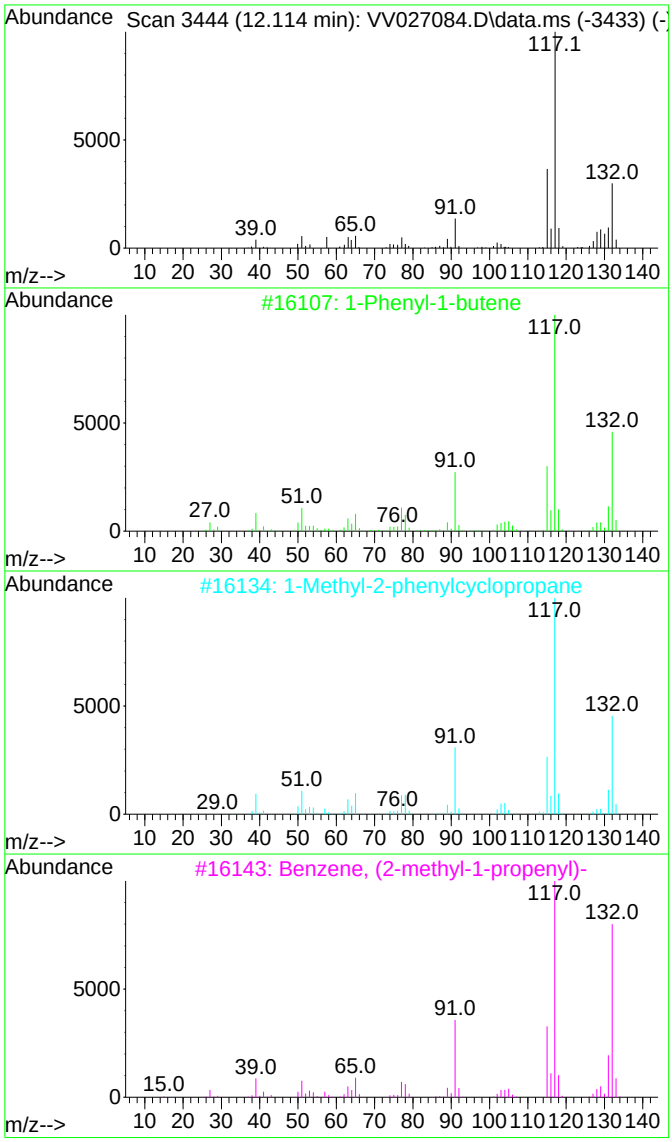
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

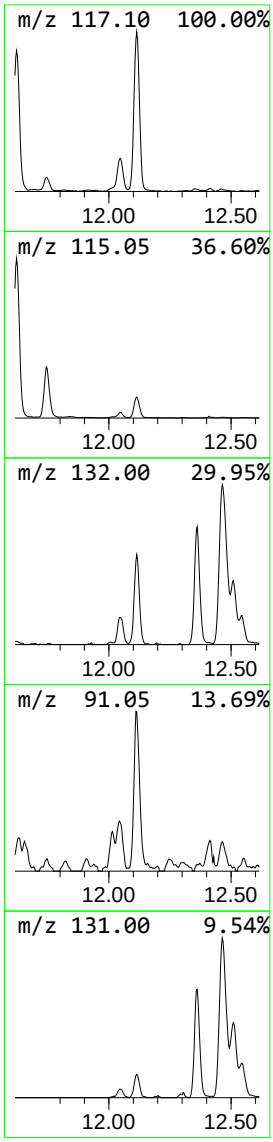
****

Peak Number 4 1-Phenyl-1-butene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.114	8.84 ug/L	228187	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

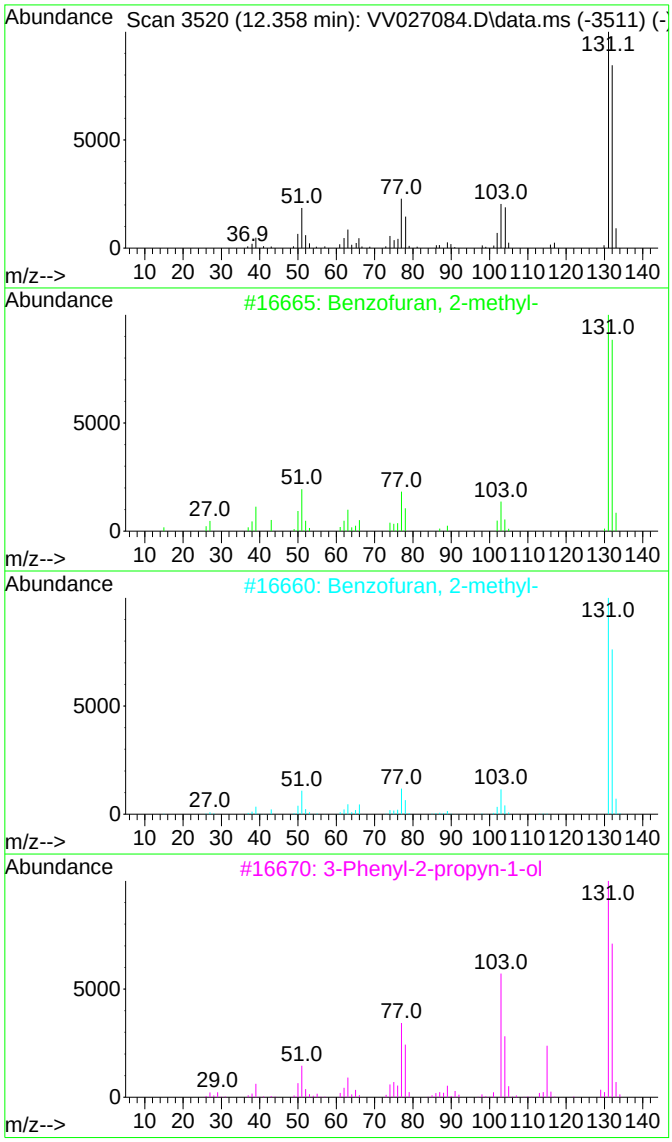
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

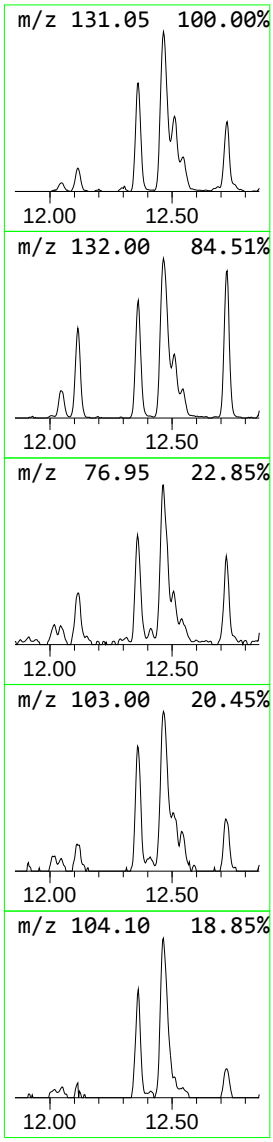
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.358	4.59 ug/L	118627	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

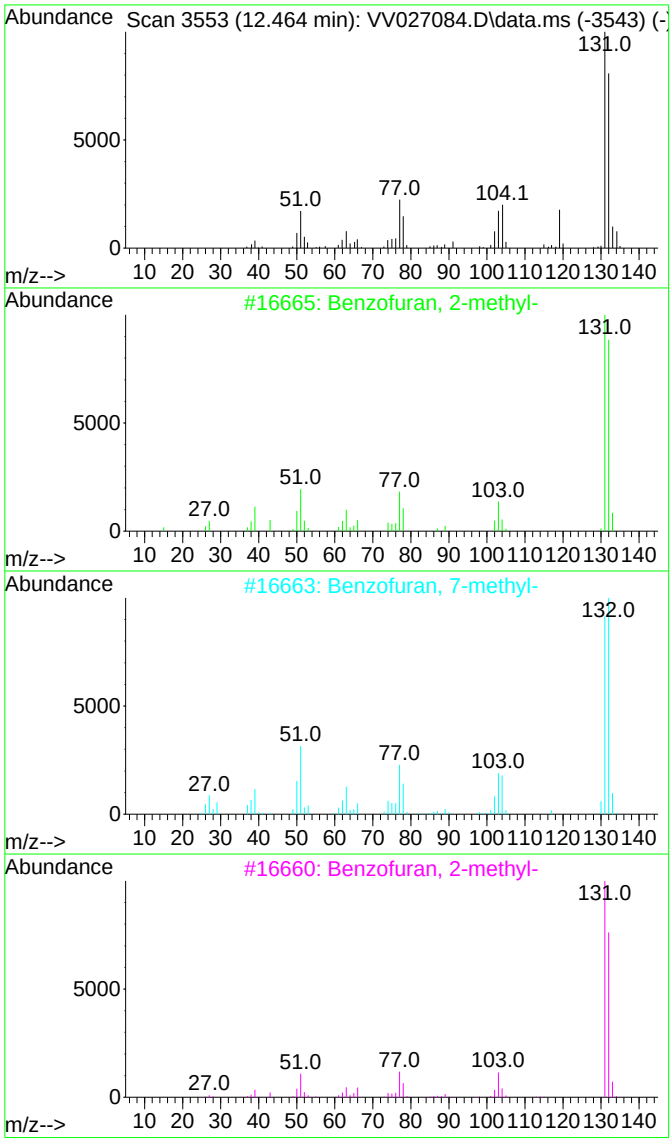
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

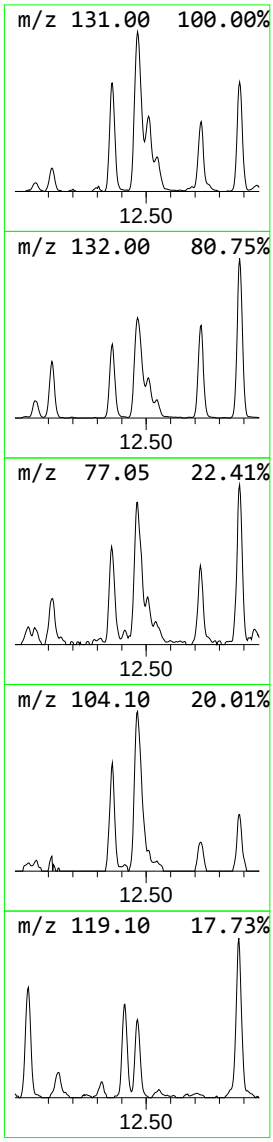
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	9.04 ug/L	233431	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





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Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

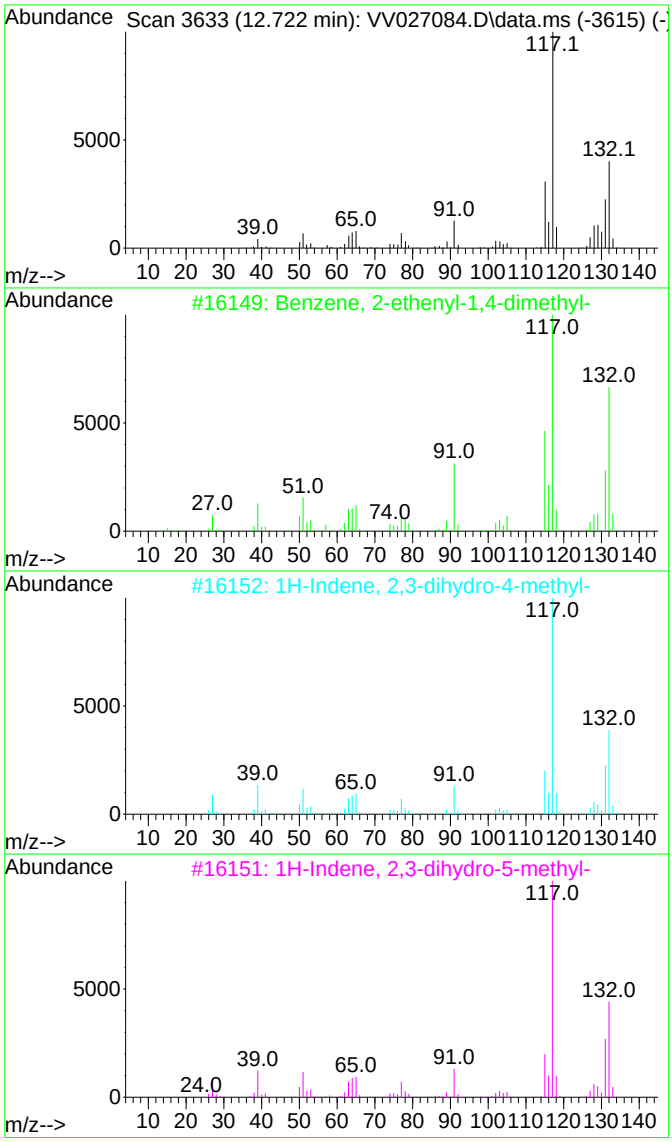
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

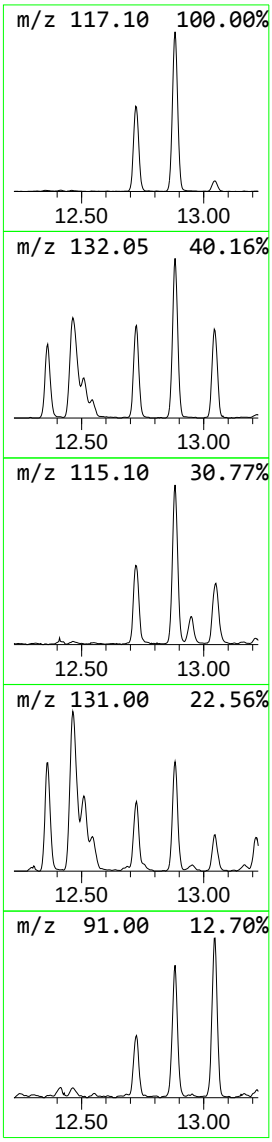
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	11.67 ug/L	301459	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83





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Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

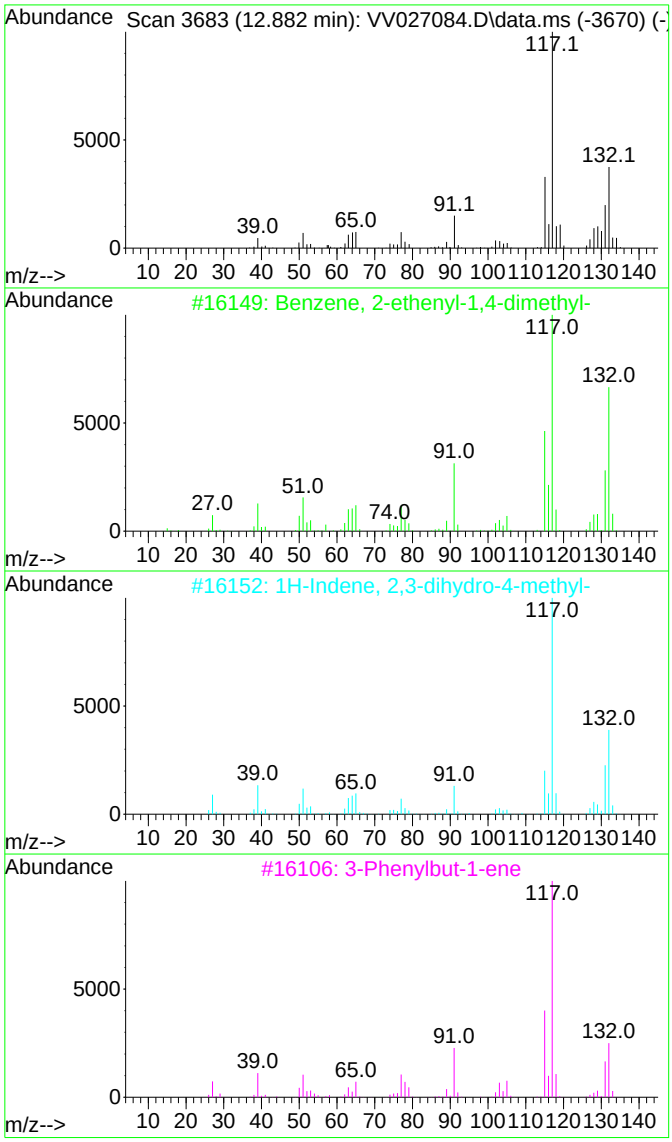
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

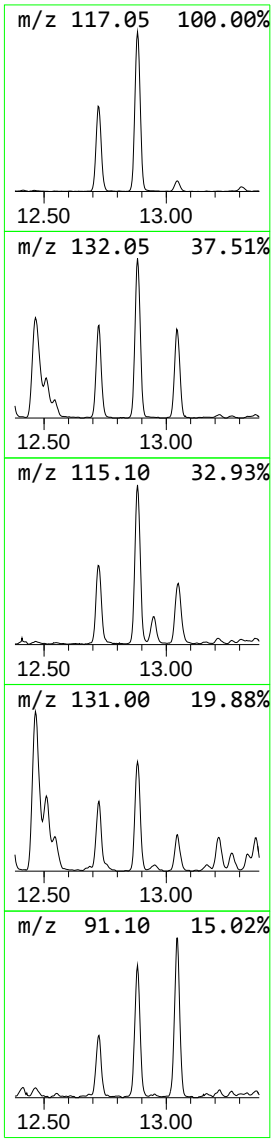
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.882	22.33 ug/L	576666	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

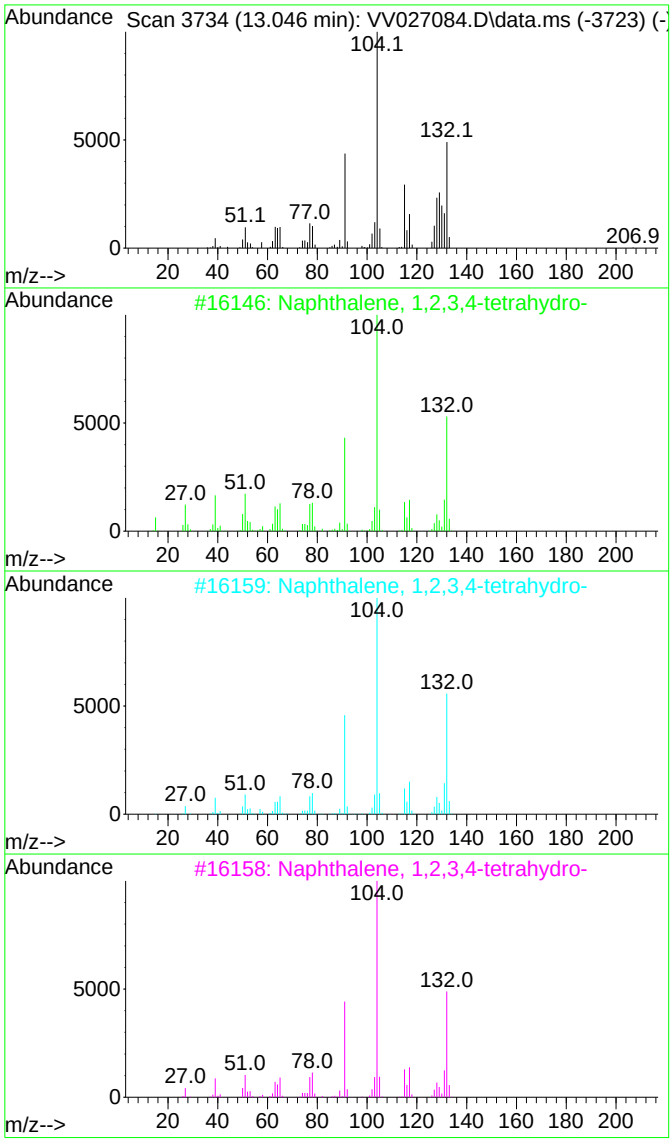
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

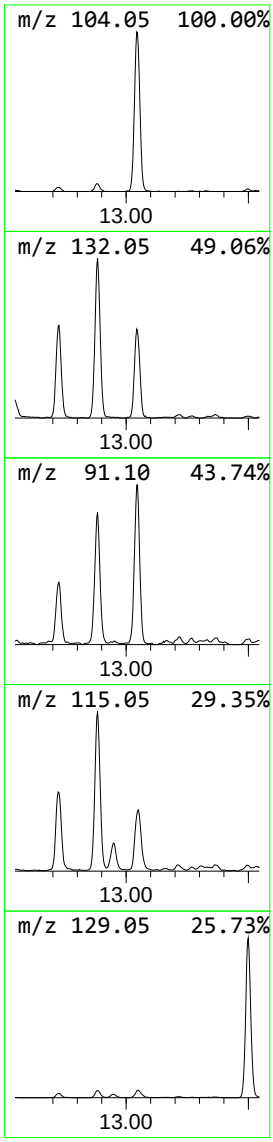
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.046	13.16 ug/L	339990	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	92
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	92
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50





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Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

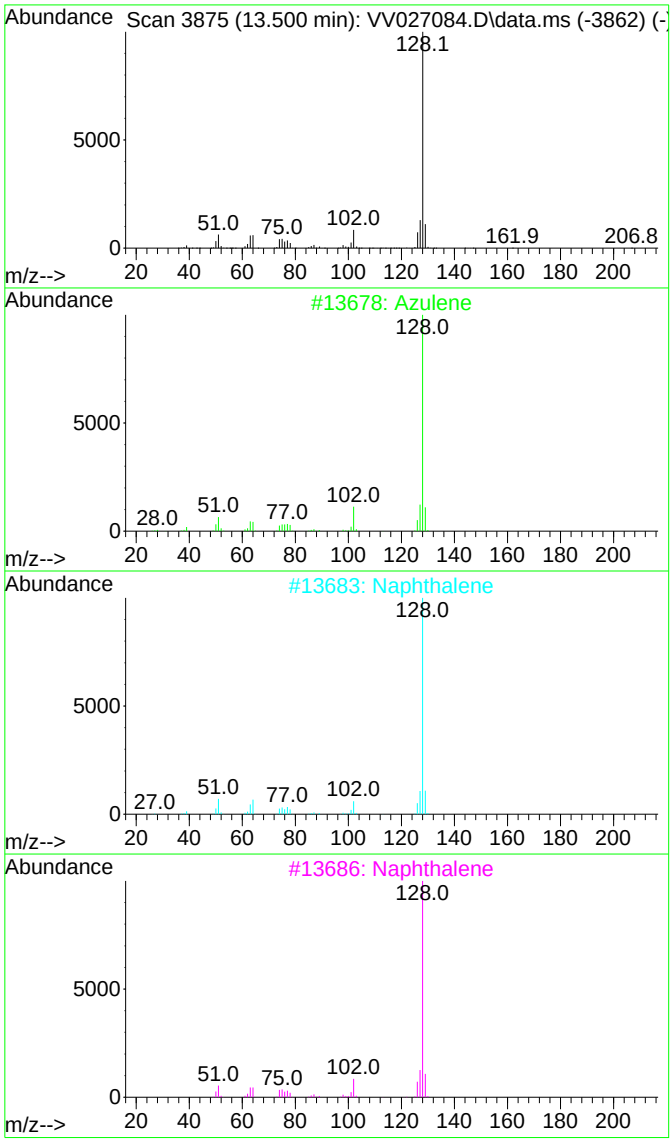
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

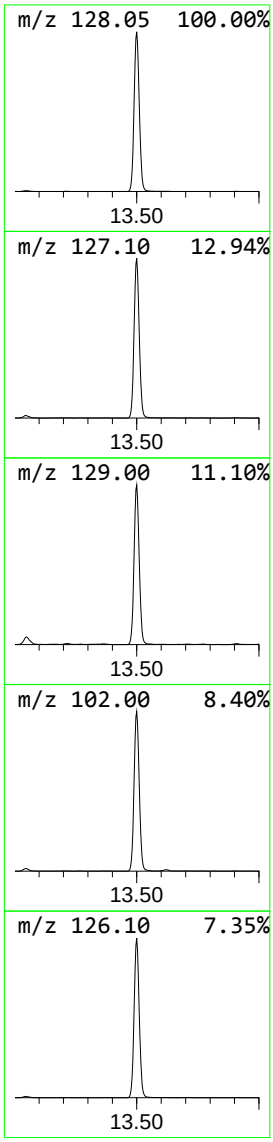
****

Peak Number 10 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.500	232.92 ug/L	6015530	1,4-Dichlorobenzene-d4	11.249

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





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Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

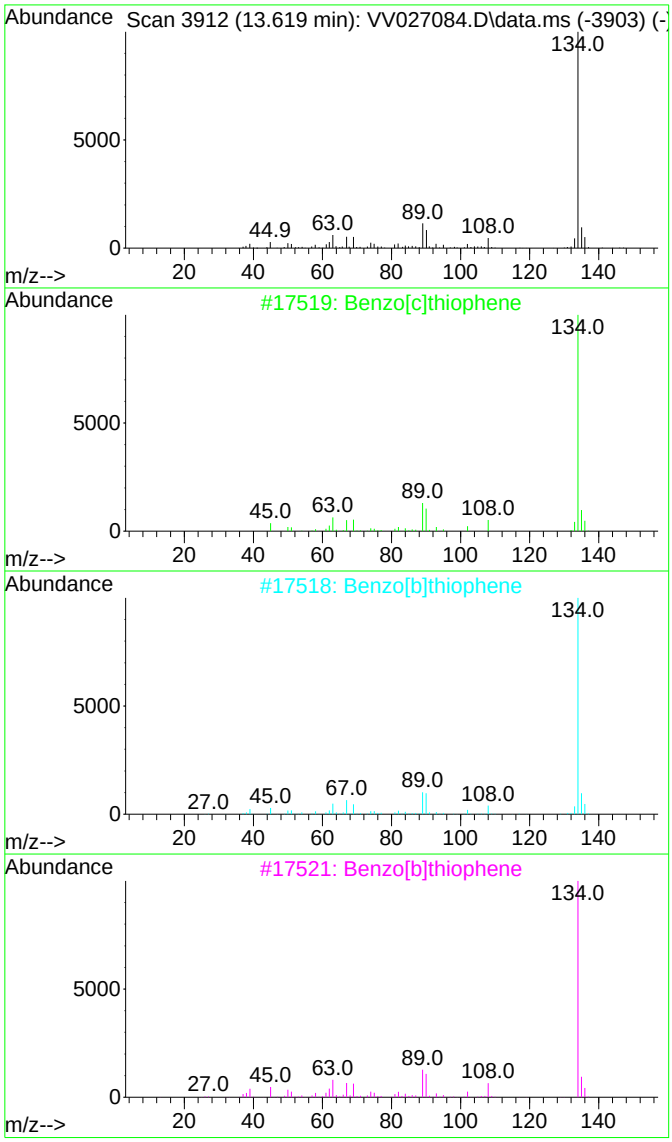
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

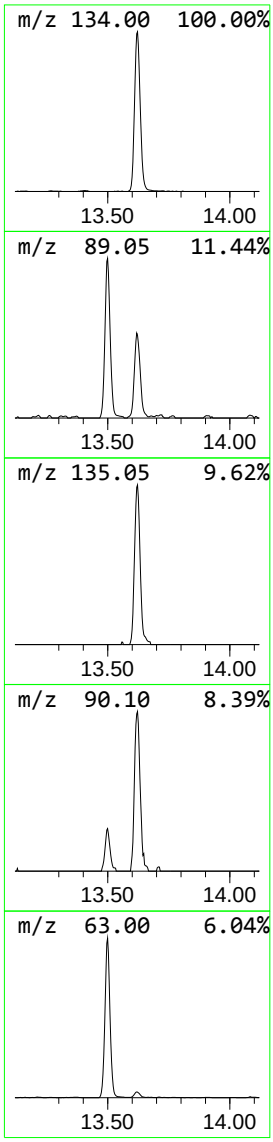
****

Peak Number 11 Benzo[c]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.619	9.12 ug/L	235569	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91





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Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

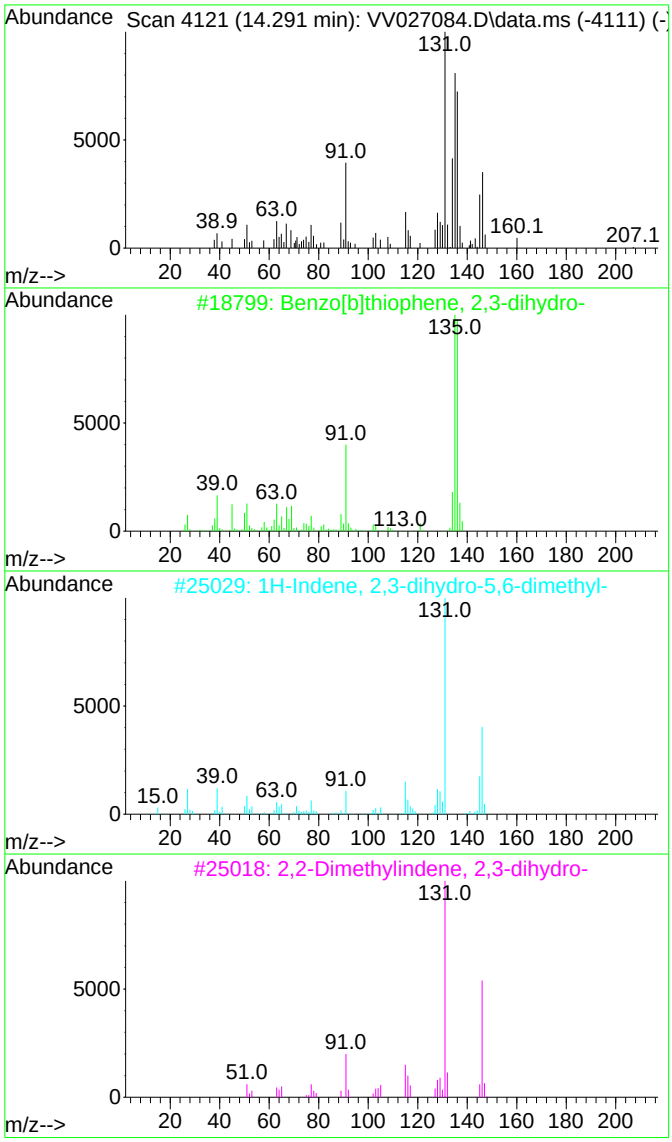
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

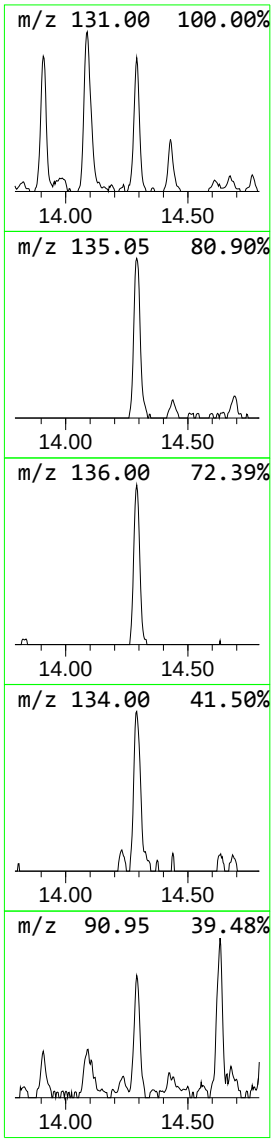
****

Peak Number 12 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.291	2.95 ug/L	76307	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	42
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	42
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	42
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	42
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	42





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Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

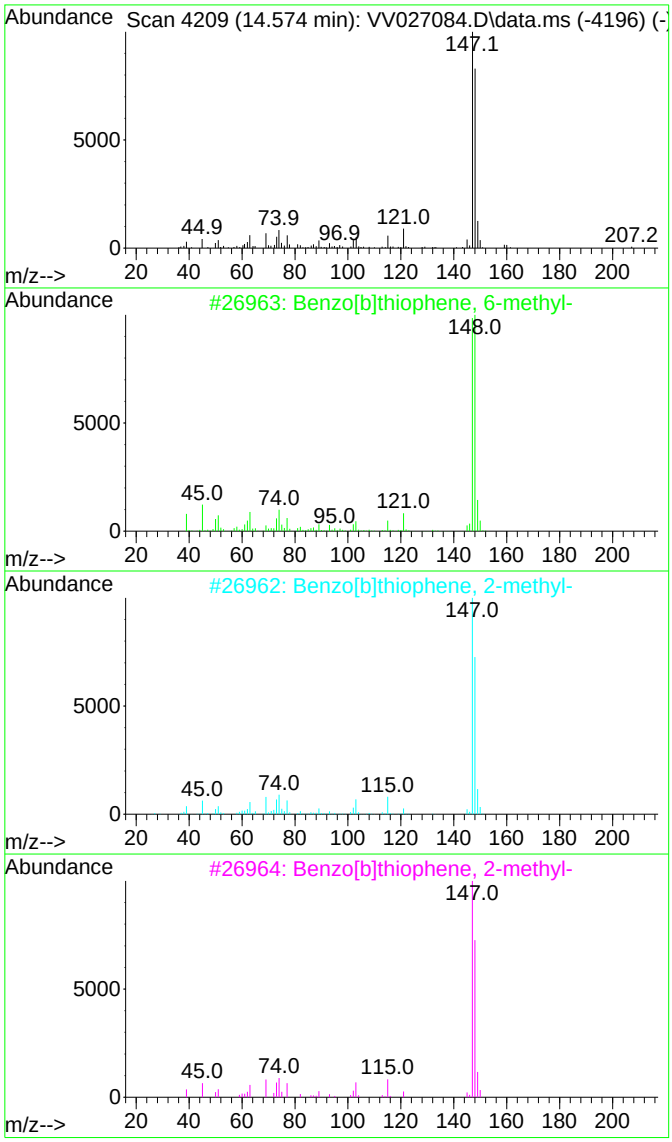
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

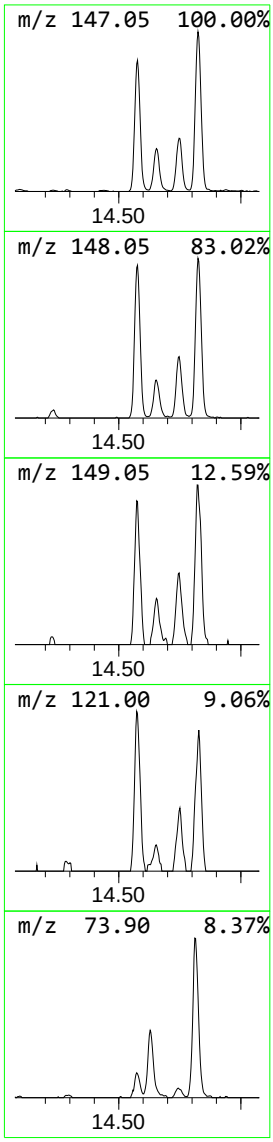
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]thiophene, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	6.11 ug/L	157781	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	94
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90





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Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

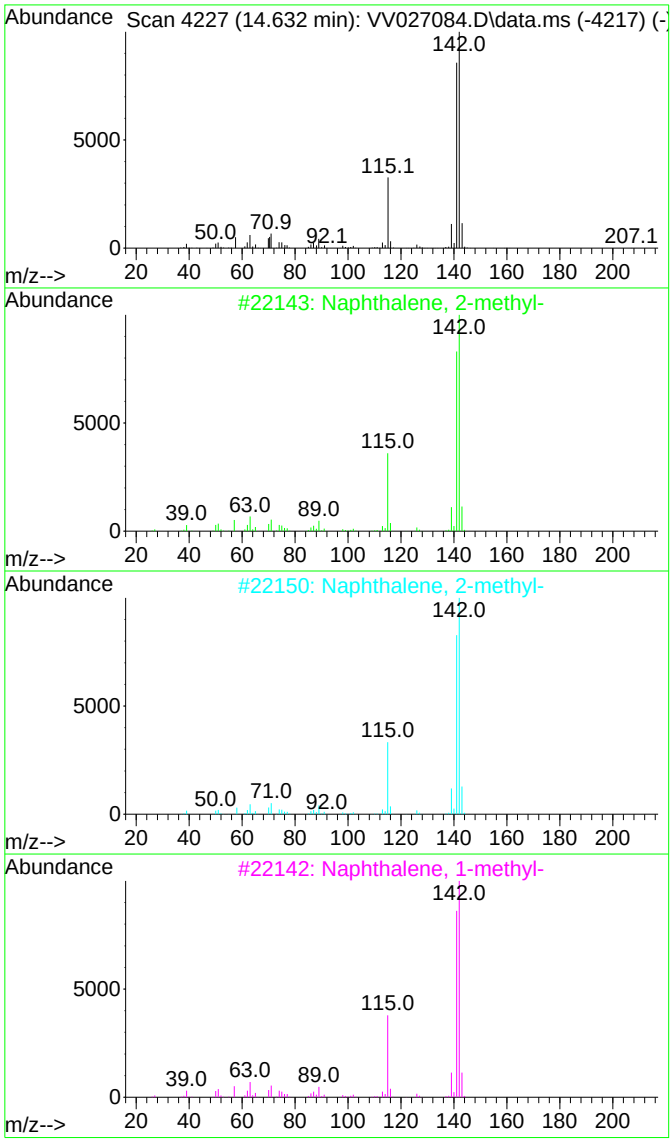
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

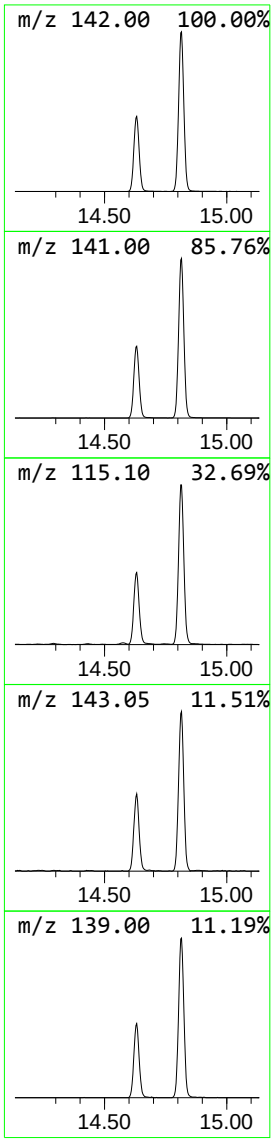
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.632	46.28 ug/L	1195270	1,4-Dichlorobenzene-d4	11.249

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	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

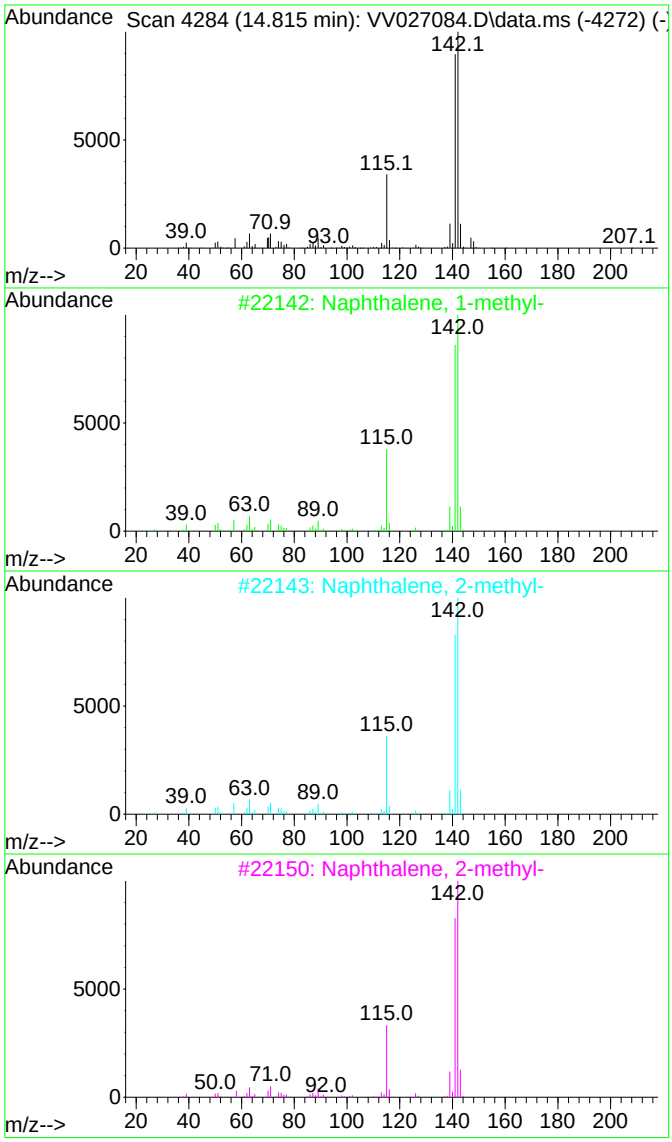
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

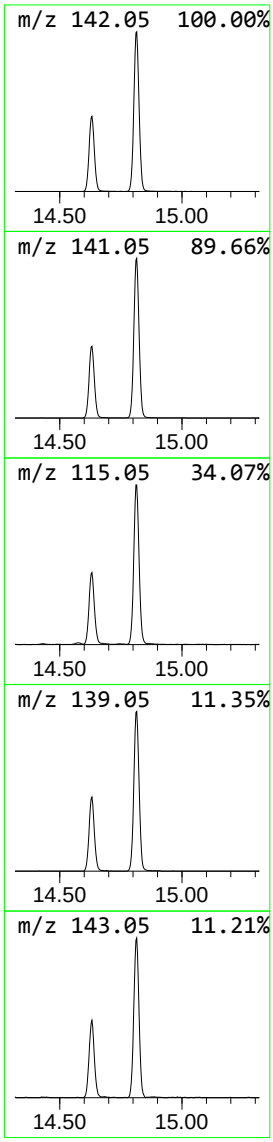
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.815	99.05 ug/L	2558170	1,4-Dichlorobenzene-d4	11.249

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	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





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Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

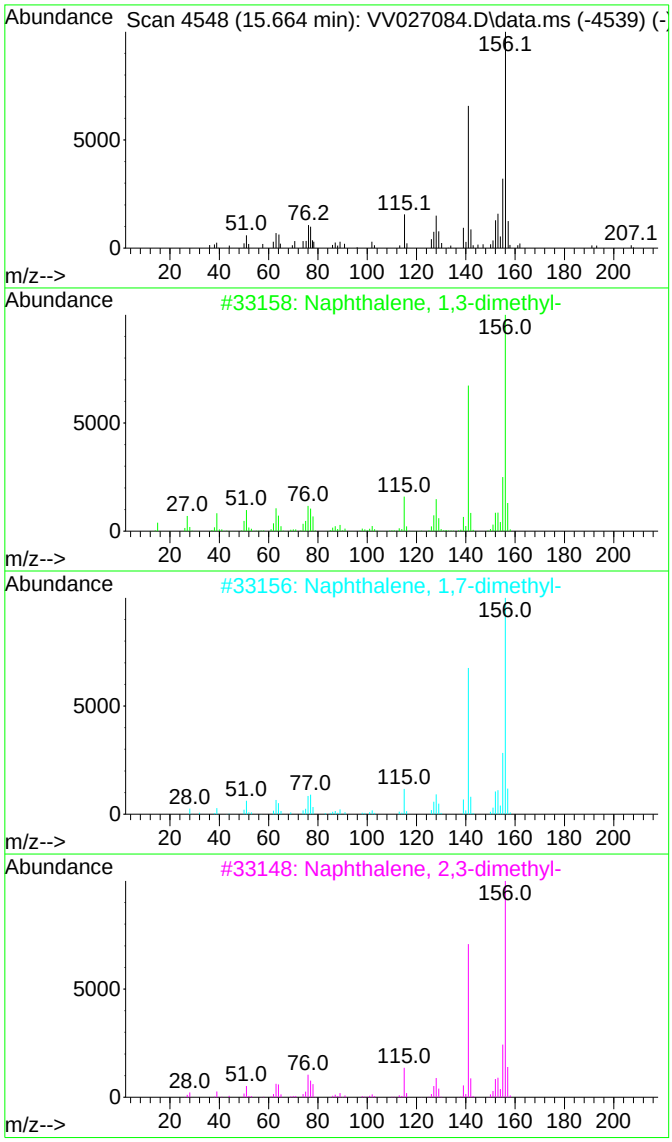
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

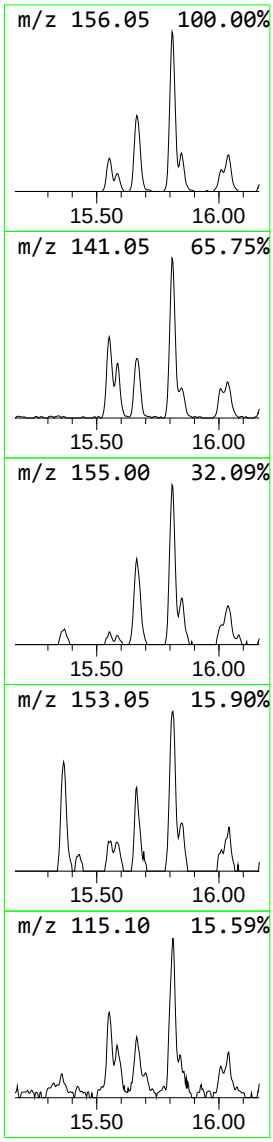
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.664	3.28 ug/L	84641	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

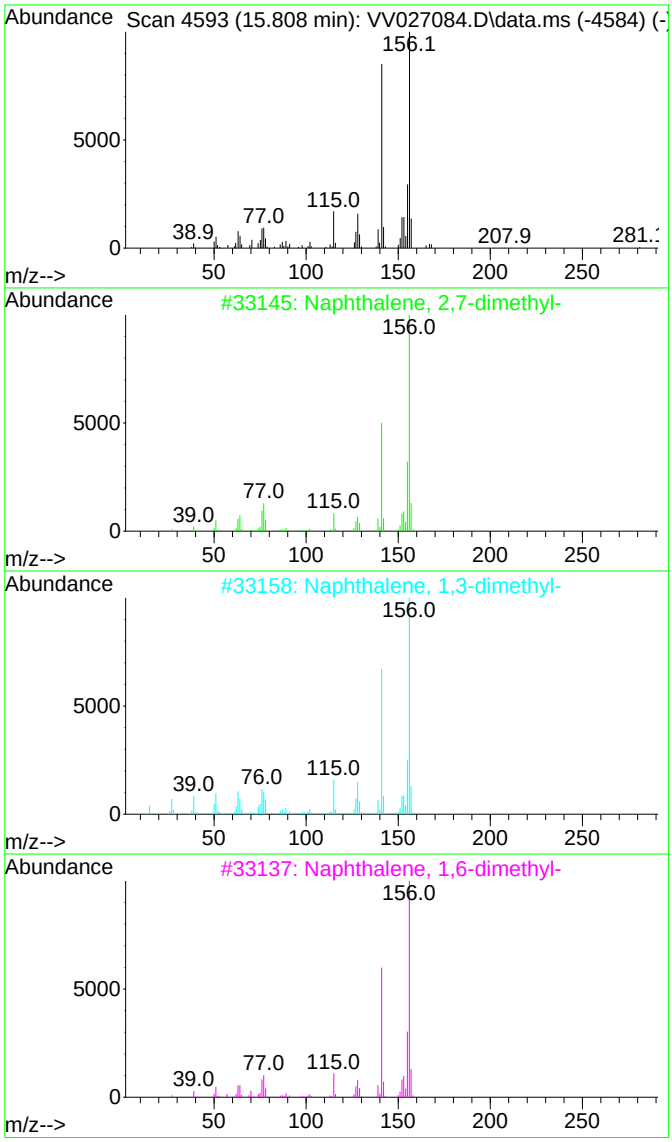
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

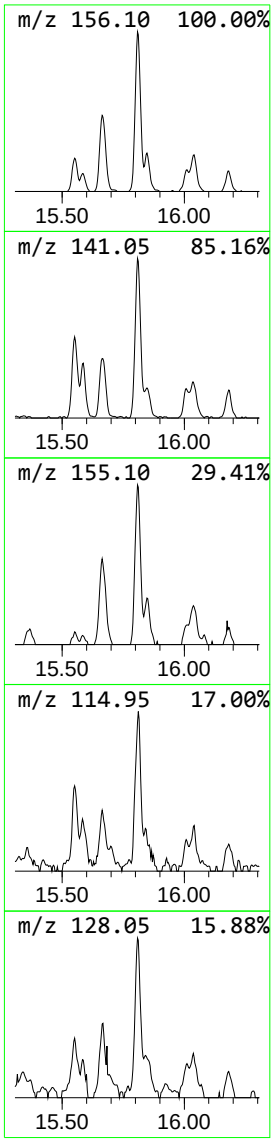
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.808	5.15 ug/L	132911	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

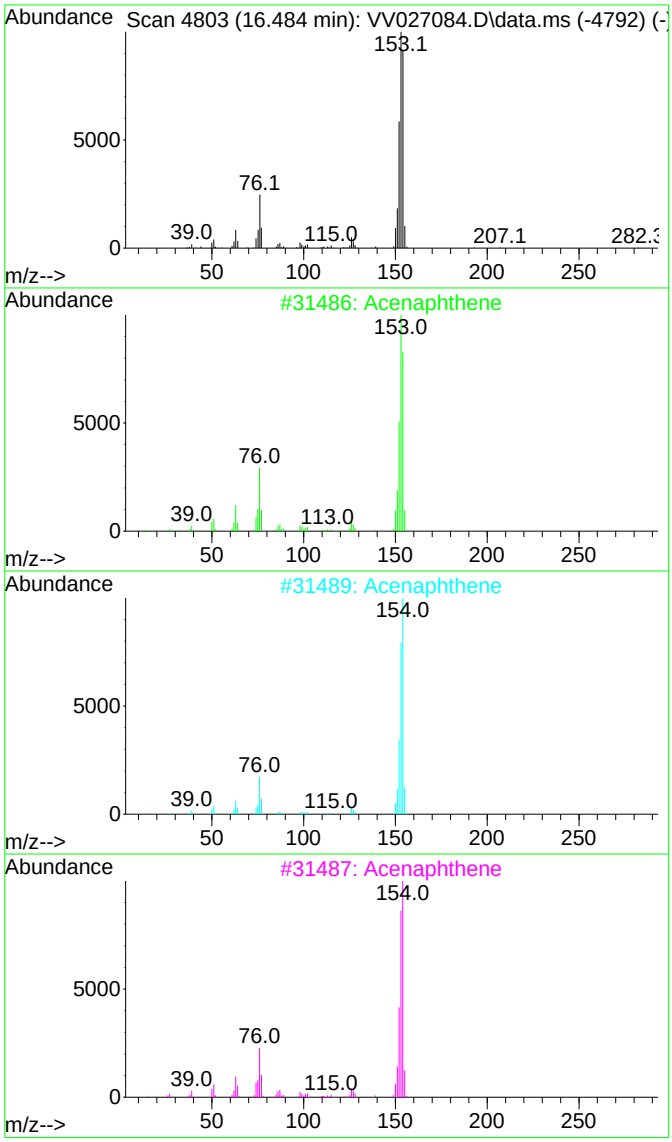
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

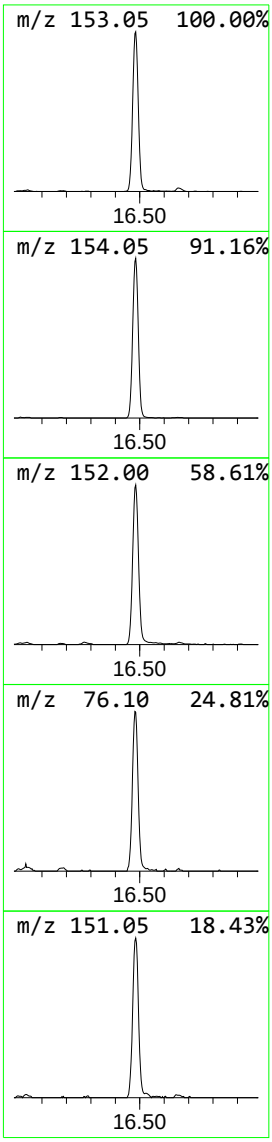
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Acenaphthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.484	19.57 ug/L	505387	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	89
2	Acenaphthene	154	C12H10	000083-32-9	74
3	Acenaphthene	154	C12H10	000083-32-9	60
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.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
Indane	11.526	283.1	ug/L	7311130	3	11.249	1291330	50.0
Indene	11.744	7.4	ug/L	190689	3	11.249	1291330	50.0
1-Phenyl-1-butene	12.114	8.8	ug/L	228187	3	11.249	1291330	50.0
Benzofuran, 2-m...	12.358	4.6	ug/L	118627	3	11.249	1291330	50.0
Benzofuran, 7-m...	12.464	9.0	ug/L	233431	3	11.249	1291330	50.0
Benzene, 2-ethe...	12.722	11.7	ug/L	301459	3	11.249	1291330	50.0
1H-Indene, 2,3-...	12.882	22.3	ug/L	576666	3	11.249	1291330	50.0
Naphthalene, 1,...	13.046	13.2	ug/L	339990	3	11.249	1291330	50.0
Azulene	13.500	232.9	ug/L	6015530	3	11.249	1291330	50.0
Benzo[c]thiophene	13.619	9.1	ug/L	235569	3	11.249	1291330	50.0
unknown-01	14.291	3.0	ug/L	76307	3	11.249	1291330	50.0
Benzo[b]thiophe...	14.574	6.1	ug/L	157781	3	11.249	1291330	50.0
Naphthalene, 2-...	14.632	46.3	ug/L	1195270	3	11.249	1291330	50.0
Naphthalene, 1-...	14.815	99.0	ug/L	2558170	3	11.249	1291330	50.0
Naphthalene, 1,...	15.664	3.3	ug/L	84641	3	11.249	1291330	50.0
Naphthalene, 2,...	15.808	5.2	ug/L	132911	3	11.249	1291330	50.0
Acenaphthene	16.484	19.6	ug/L	505387	3	11.249	1291330	50.0