LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

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\SFAMVLM081621WMA.M
Title : VOC Analysis

Signal : TIC: VV021865.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	76	82	97	rVB	178985	177298	6.85%	0.894%
2	1.558	155	161	174	rVB	147876	172389	6.66%	0.869%
3	2.105	322	331	345	rBV	255134	350234	13.54%	1.765%
4	2.944	589	592	595	rBV2	463	242	0.01%	0.001%
5	3.008	609	612	616	rVB	377	267	0.01%	0.001%
6	3.050	616	625	630	rBV5	596	879	0.03%	0.004%
7	3.098	635	640	646	rBV2	531	599	0.02%	0.003%
8	3.127	646	649	651	rVB2	448	235	0.01%	0.001%
9	3.195	667	670	674	rBV2	381	261	0.01%	0.001%
10	3.436	741	745	750	rBV4	345	334	0.01%	0.002%
11	3.484	755	760	763	rBV2	468	370	0.01%	0.002%
12	3.825	861	866	868	rBV3	377	326	0.01%	0.002%
13	3.876	872	882	917	rBV	123517	331078	12.80%	1.669%
14	4.349	1012	1029	1058	rBV2	217091	550455	21.28%	2.774%
15	4.661	1124	1126	1129	rBV	380	241	0.01%	0.001%
16	4.728	1143	1147	1152	rBV4	525	577	0.02%	0.003%
17	4.947	1209	1215	1217	rBV2	374	339	0.01%	0.002%
18	5.047	1229	1246	1282	rBV2	526816	1365593	52.78%	6.883%
19	5.471	1375	1378	1382	rBV3	456	353	0.01%	0.002%
20	5.551	1400	1403	1405	rBV	527	384	0.01%	0.002%
21	5.619	1412	1424	1449	rBV	438410	893016	34.52%	4.501%
22	5.908	1504	1514	1537	rVB3	13936	31196	1.21%	0.157%
23	6.072	1550	1565	1591	rBV	304345	625750	24.19%	3.154%
24	6.484	1690	1693	1695	rBV2	431	282	0.01%	0.001%
25	6.497	1695	1697	1700	rVV	515	231	0.01%	0.001%
26	6.632	1732	1739	1740	rBV3	787	690	0.03%	0.003%
27	6.744	1771	1774	1775	rBV	394	240	0.01%	0.001%
28	6.776	1779	1784	1786	rBV	378	317	0.01%	0.002%
29	6.892	1816	1820	1824	rBV3	459	341	0.01%	0.002%
30	6.989	1839	1850	1875	rBV	163768	297513	11.50%	1.499%
31	7.317	1940	1952	1970	rBV	588543	1025583	39.64%	5.169%
32	7.625	2036	2048	2068	rBV	108739	189849	7.34%	0.957%
33	7.837	2112	2114	2117	rBV2	521	341	0.01%	0.002%
34	7.982	2156	2159	2162	rBV3	810	510	0.02%	0.003%
35	8.050	2178	2180	2182	rBV	365	239	0.01%	0.001%
36	8.091	2182	2193	2230	rBV2	338216	622996	24.08%	3.140%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

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\SFAMVLM081621WMA.M
Title : VOC Analysis

37	8.403	2289	2290	2296	rVB3	436	349	0.01%	0.002%
38	8.452	2301	2305	2307	rVB3	582	403	0.02%	0.002%
39	8.503	2317	2321	2323	rVB2	513	305	0.01%	0.002%
40	8.609	2350	2354	2356	rBV	425	256	0.01%	0.001%
41	8.651	2366	2367	2371	rVB2	566	234	0.01%	0.001%
42	8.738	2390	2394	2397	rVB3	600	441	0.02%	0.002%
43	8.757	2397	2400	2405	rBV3	585	479	0.02%	0.002%
44	8.854	2419	2430	2452	rBV	665246	1080915	41.78%	5.448%
45	9.024	2480	2483	2490	rVB6	2739	2678	0.10%	0.013%
46	9.149	2514	2522	2537	rVB2	14479	23843	0.92%	0.120%
47	9.230	2544	2547	2552	rVB4	594	422	0.02%	0.002%
48	9.477	2620	2624	2626	rVV3	438	342	0.01%	0.002%
49	9.551	2635	2647	2655	rBV3	7386	12450	0.48%	0.063%
50	9.661	2678	2681	2684	rBV	403	275	0.01%	0.001%
51	9.754	2708	2710	2714	rBV3	324	249	0.01%	0.001%
52	9.792	2717	2722	2726	rBV	482	513	0.02%	0.003%
53	9.812	2726	2728	2733	rVB	403	315	0.01%	0.002%
54	9.844	2733	2738	2740	rBV2	286	269	0.01%	0.001%
55	9.937	2759	2767	2779	rVV2	8647	13480	0.52%	0.068%
56	9.995	2783	2785	2789	rVV3	470	233	0.01%	0.001%
57	10.120	2821	2824	2825	rBV	636	250	0.01%	0.001%
58	10.162	2835	2837	2841	rBV2	382	293	0.01%	0.001%
59	10.217	2841	2854	2879	rVV	454611	727200	28.11%	3.665%
60	10.477	2919	2935	2948	rVV2	11016	18622	0.72%	0.094%
61	10.545	2948	2956	2965	rVB3	6738	10458	0.40%	0.053%
62	10.657	2988	2991	2993	rBV2	516	334	0.01%	0.002%
63	10.677	2993	2997	3000	rVV2	431	308	0.01%	0.002%
64	10.744	3009	3018	3028	rBV	19123	29832	1.15%	0.150%
65	10.918	3061	3072	3086	rVV2	16891	26664	1.03%	0.134%
66	11.024	3103	3105	3110	rBV3	470	295	0.01%	0.001%
67	11.088	3122	3125	3133	rVB4	1468	1823	0.07%	0.009%
68	11.136	3134	3140	3142	rBV2	550	443	0.02%	0.002%
69	11.191	3152	3157	3162	rBV5	1191	1271	0.05%	0.006%
70	11.249	3162	3175	3195	rBV	697320	1089835	42.12%	5.493%
71	11.339	3195	3203	3220	rVB	35561	55820	2.16%	0.281%
72	11.529	3247	3262	3281	rBV	1711214	2587163	100.00%	13.039%
73	11.625	3281	3292	3313	rVB	691139	1095450	42.34%	5.521%
74	11.802	3345	3347	3348	rBV	770	306	0.01%	0.002%
75	11.914	3373	3382	3388	rBV5	3954	5947	0.23%	0.030%
76	12.021	3406	3415	3418	rBV	17261	23611	0.91%	0.119%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

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\SFAMVLM081621WMA.M
Title : VOC Analysis

77	12.117	3436	3445	3465	rVB	94188	152274	5.89%	0.767%
78	12.313	3497	3506	3512	rBV6	5462	8900	0.34%	0.045%
79	12.365	3513	3522	3531	rBV2	53092	79154	3.06%	0.399%
80	12.468	3545	3554	3565	rBV3	61929	125069	4.83%	0.630%
81	12.644	3604	3609	3614	rBV6	2646	3074	0.12%	0.015%
82	12.728	3625	3635	3651	rVB	108986	170727	6.60%	0.860%
83	12.886	3670	3684	3696	rBV	411695	625273	24.17%	3.151%
84	13.053	3726	3736	3753	rVB3	66667	116565	4.51%	0.587%
85	13.152	3764	3767	3768	rBV	1505	720	0.03%	0.004%
86	13.275	3796	3805	3811	rBV4	14487	23388	0.90%	0.118%
87	13.506	3865	3877	3887	rBV	65157	118443	4.58%	0.597%
88	13.676	3923	3930	3934	rBV6	8649	12220	0.47%	0.062%
89	13.773	3953	3960	3969	rVB4	15840	24413	0.94%	0.123%
90	13.911	3994	4003	4013	rBV2	19220	31805	1.23%	0.160%
91	14.098	4050	4061	4072	rBV4	26402	54403	2.10%	0.274%
92	14.294	4115	4122	4136	rVB2	47443	80173	3.10%	0.404%
93	14.577	4200	4210	4218	rBV	131555	210606	8.14%	1.061%
94	14.635	4219	4228	4242	rVB	346689	537766	20.79%	2.710%
95	14.818	4273	4285	4300	rBV	1159135	1812649	70.06%	9.136%
96	15.667	4542	4549	4556	rBV2	37121	61353	2.37%	0.309%
97	15.811	4586	4594	4602	rBV	123852	192084	7.42%	0.968%
98	16.011	4649	4656	4660	rBV3	32760	49169	1.90%	0.248%
99	16.181	4701	4709	4720	rBV	40190	62289	2.41%	0.314%
100	16.487	4792	4804	4824	rBV	1178113	1832896	70.85%	9.238%

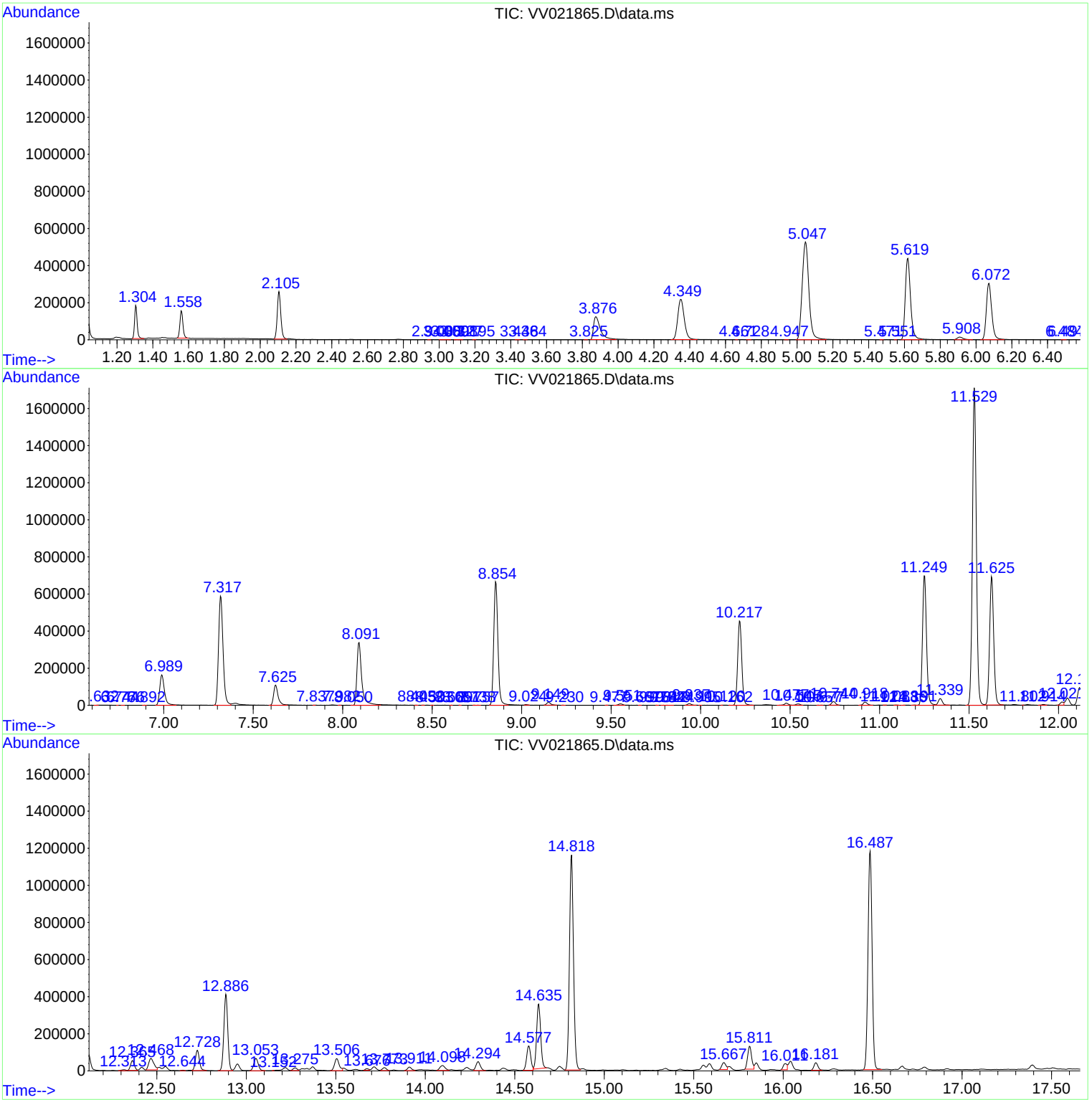
Sum of corrected areas: 19841337

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

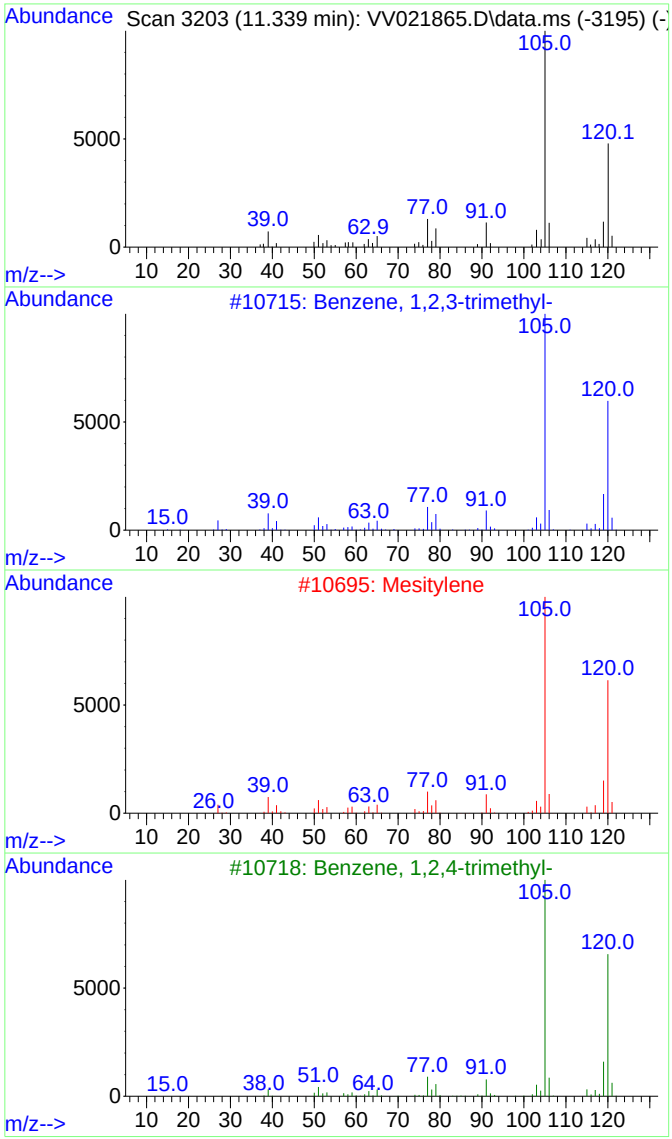
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

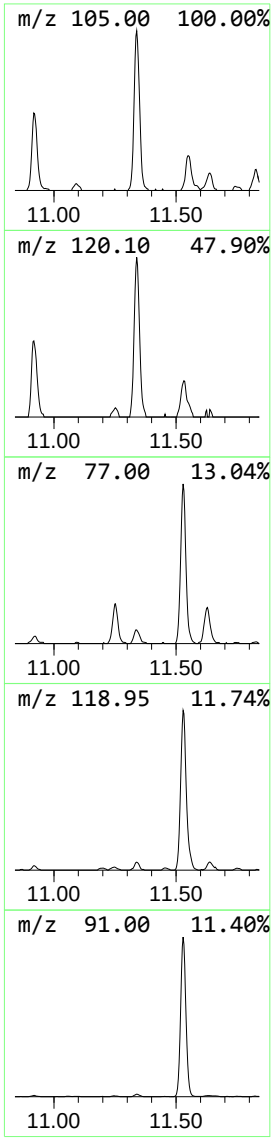
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	2.56 ug/L	55820	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

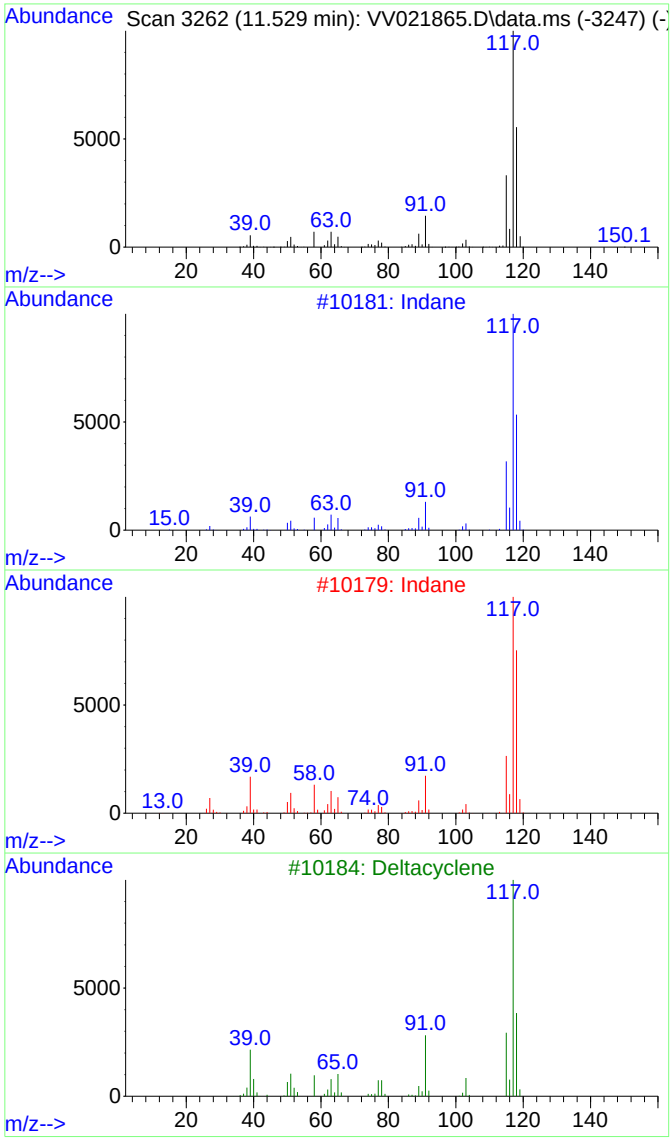
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

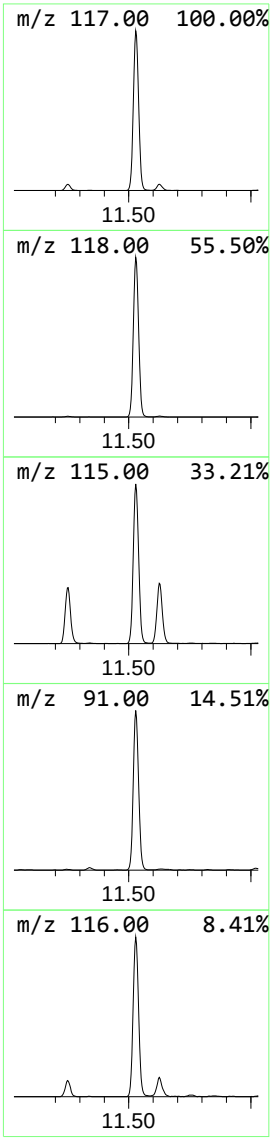
****

Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	118.69 ug/L	2587160	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	90
3	Deltacyclene	118	C9H10	007785-10-6	80
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

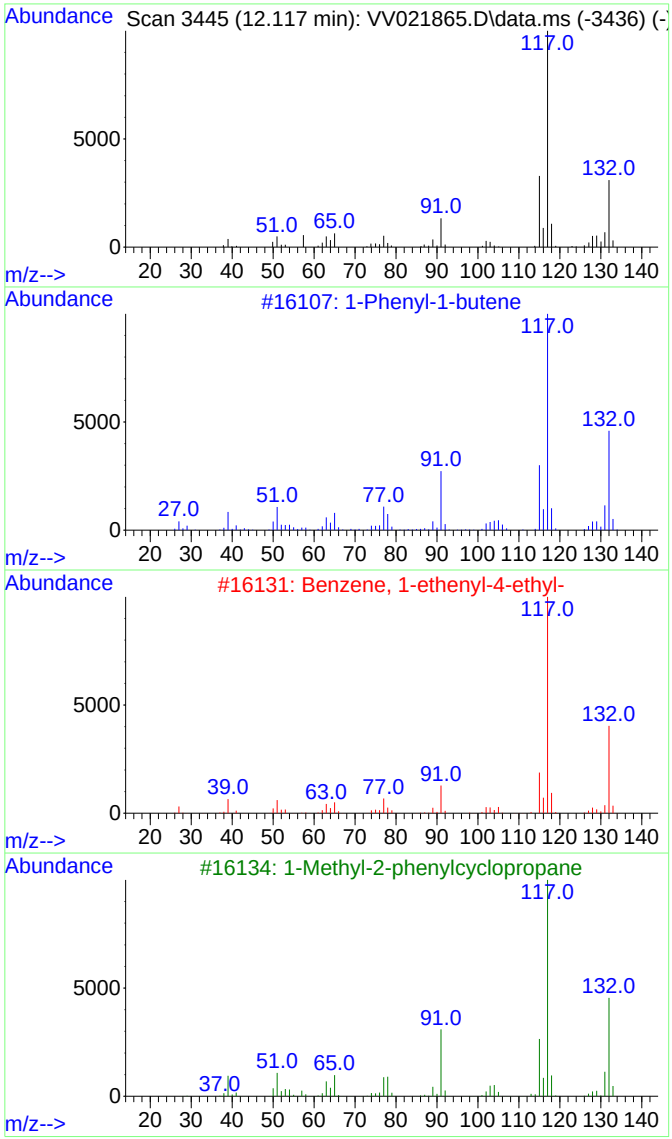
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

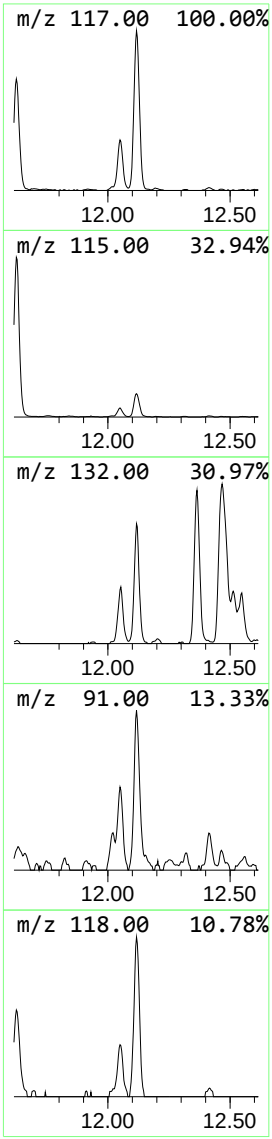
****

Peak Number 4 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.117	6.99 ug/L	152274	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

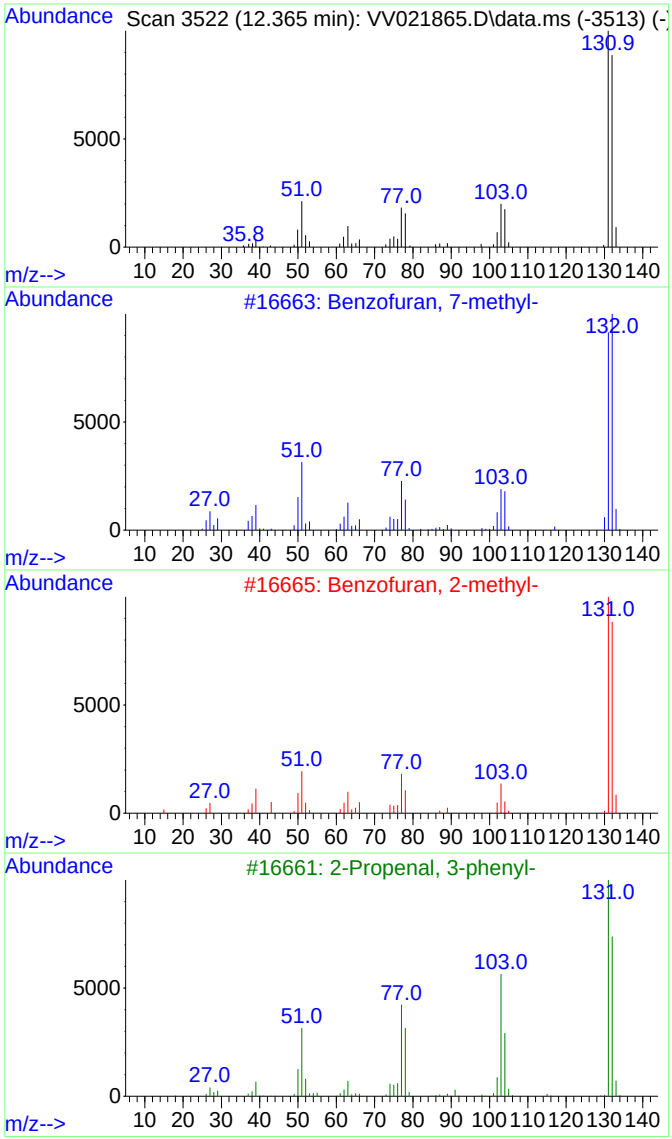
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

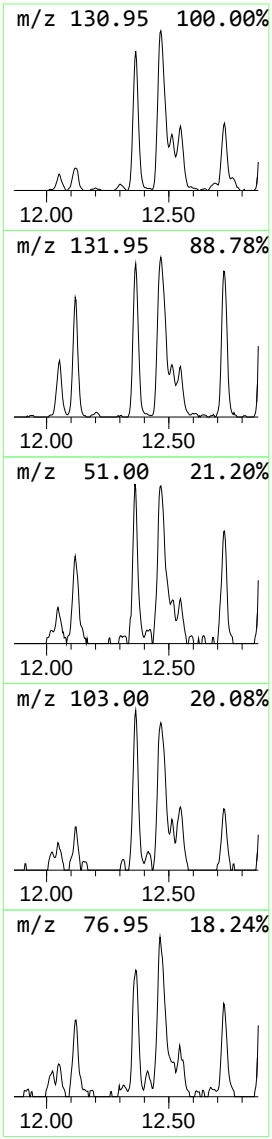
****

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	3.63 ug/L	79154	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKD4

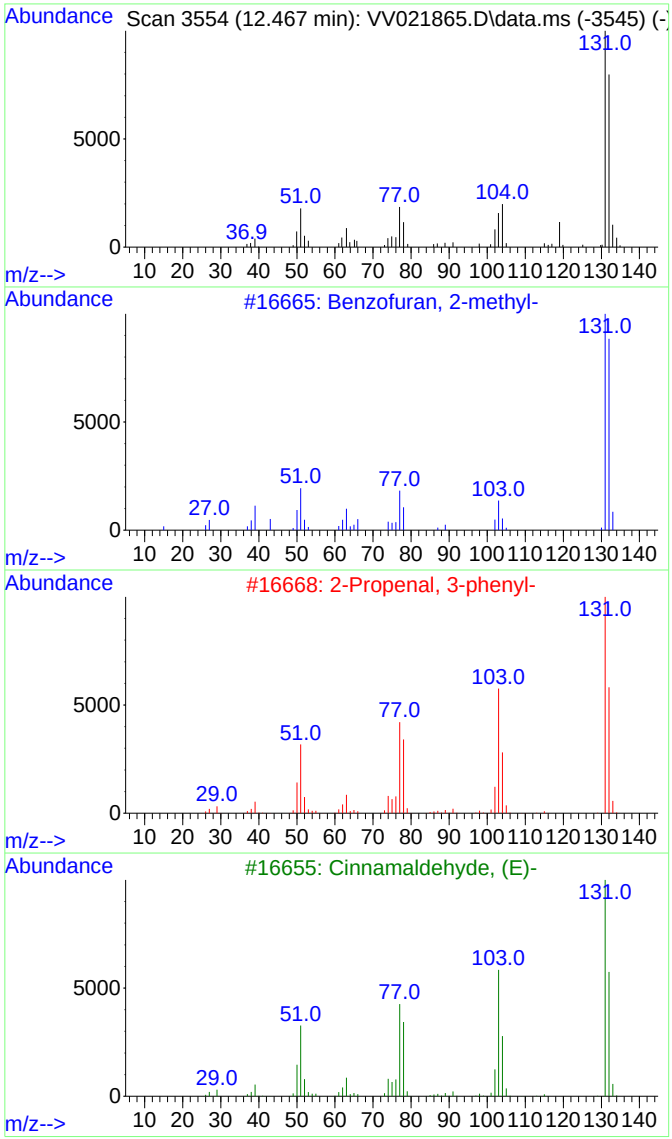
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

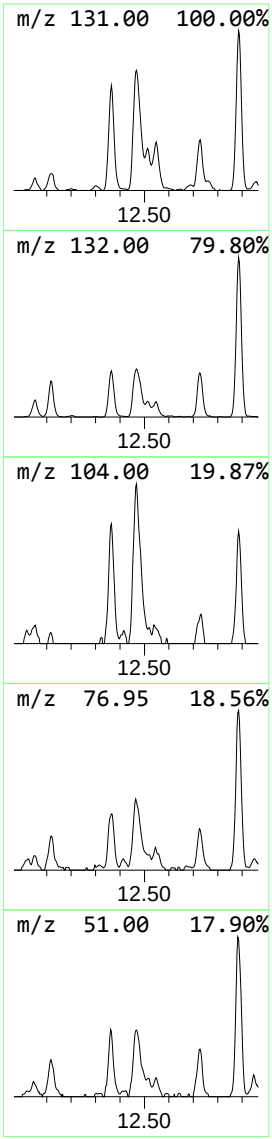
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.467	5.74 ug/L	125069	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	89
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

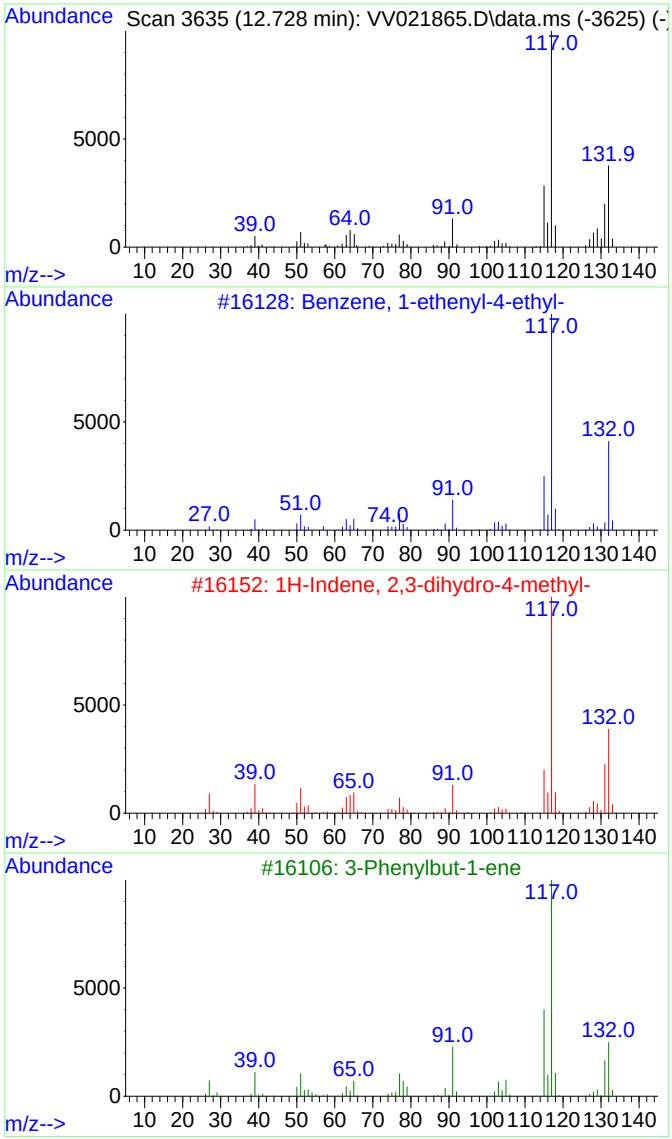
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

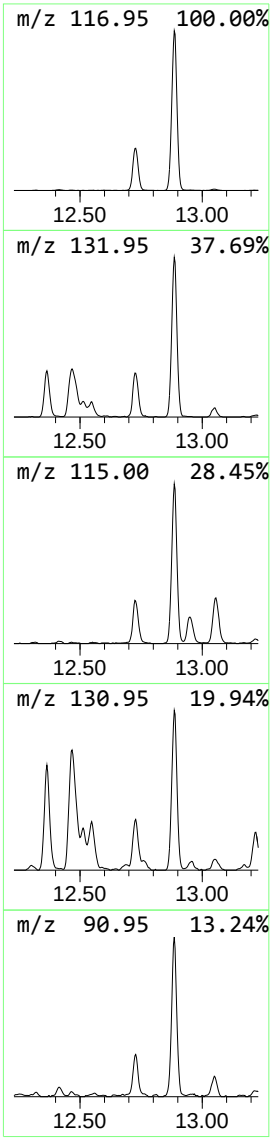
****

Peak Number 7 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.728	7.83 ug/L	170727	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





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Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKD4

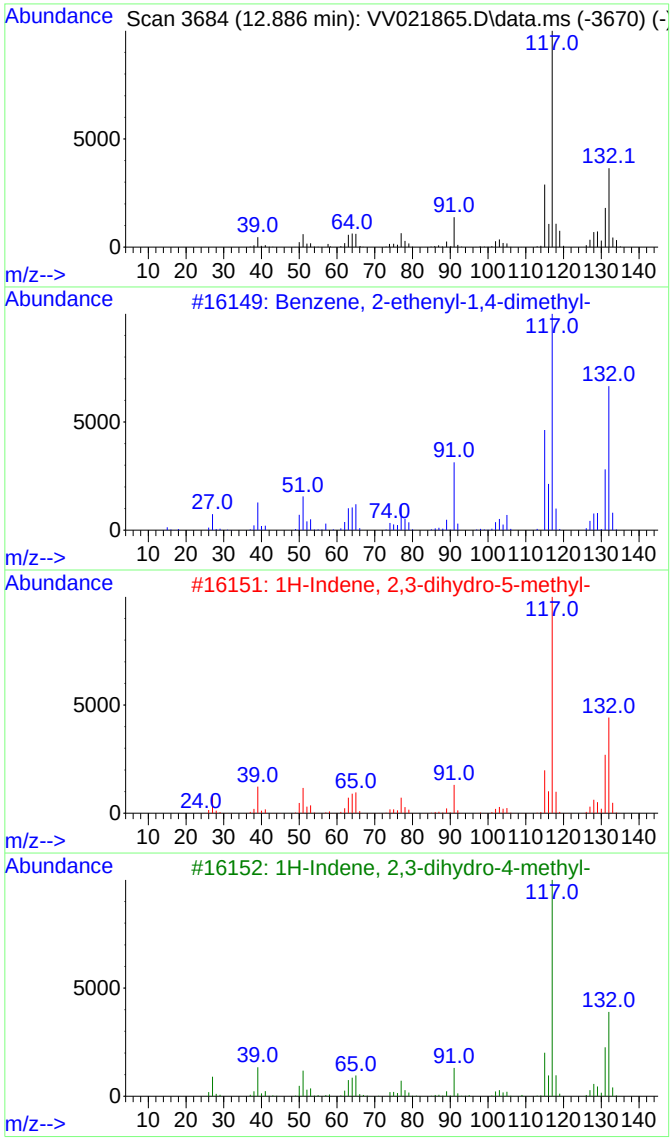
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

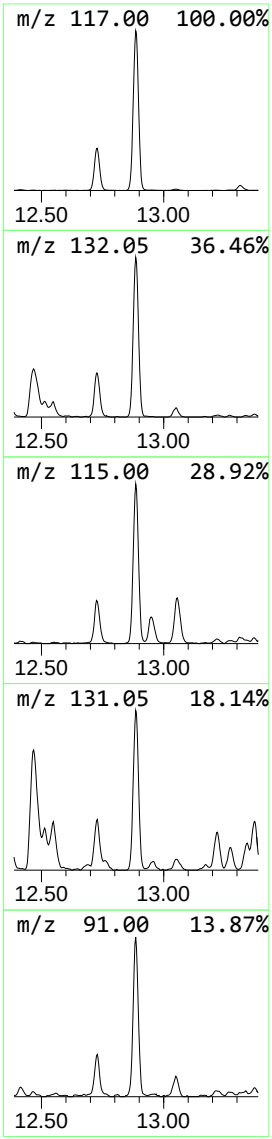
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	28.69 ug/L	625273	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

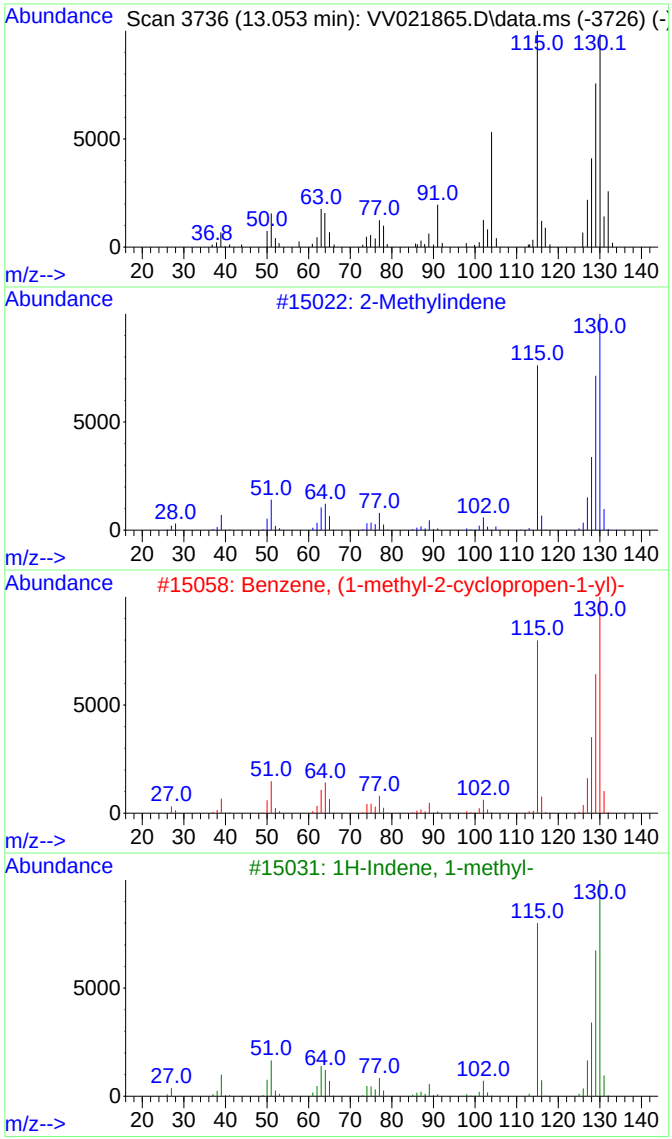
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

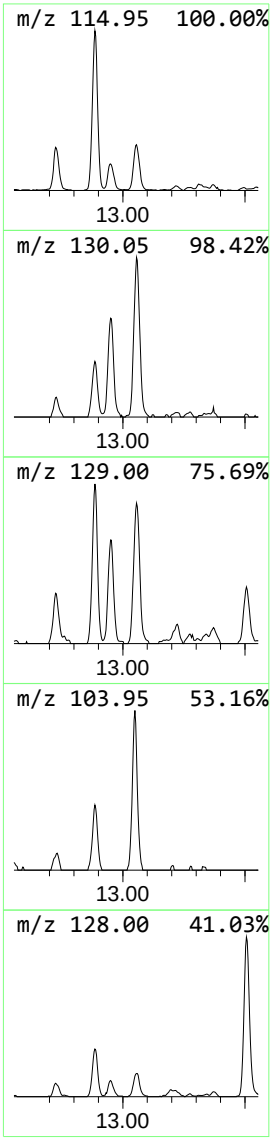
****

Peak Number 9 2-Methylindene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.053	5.35 ug/L	116565	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
5	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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

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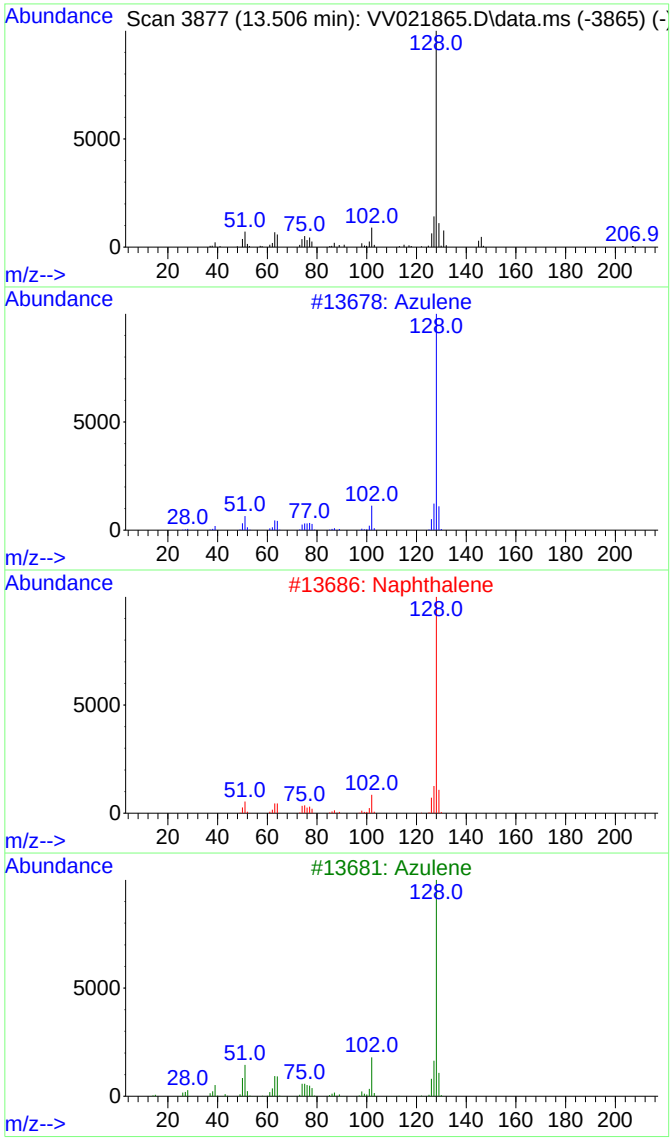
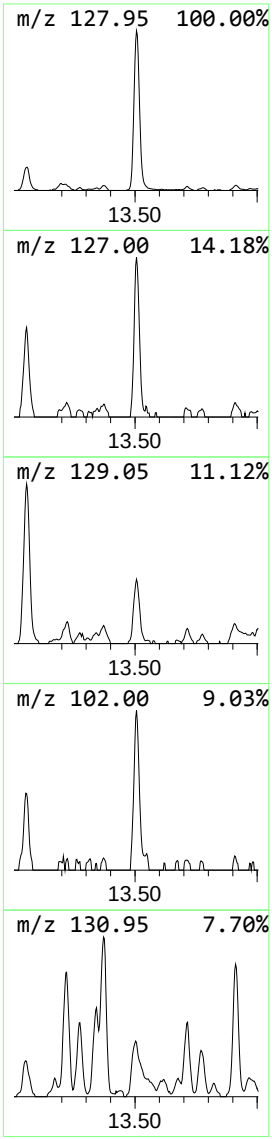
Peak Number 10 Azulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.506	5.43 ug/L	118443	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	94
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	87
4	Naphthalene	128	C10H8	000091-20-3	87
5	Naphthalene	128	C10H8	000091-20-3	87





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Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

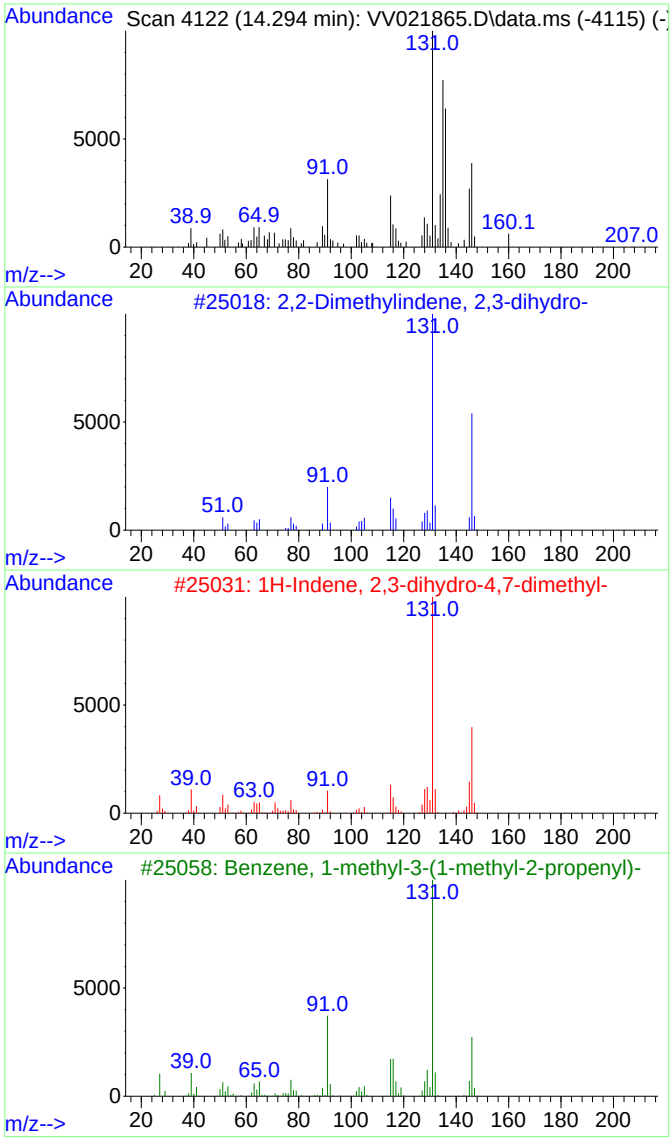
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

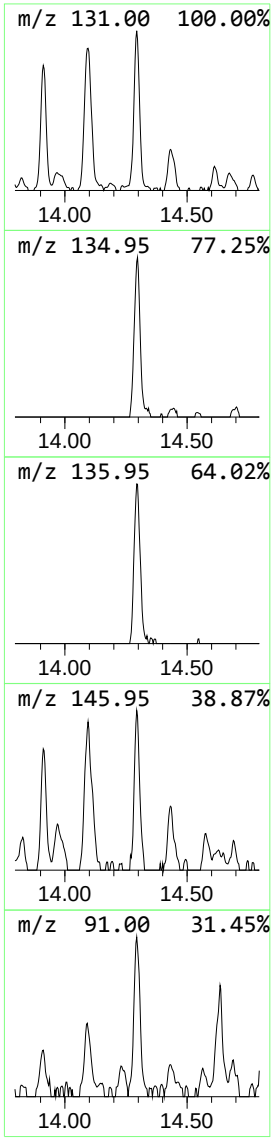
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,2-Dimethylindene, 2,3-dih... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	3.68 ug/L	80173	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	50
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

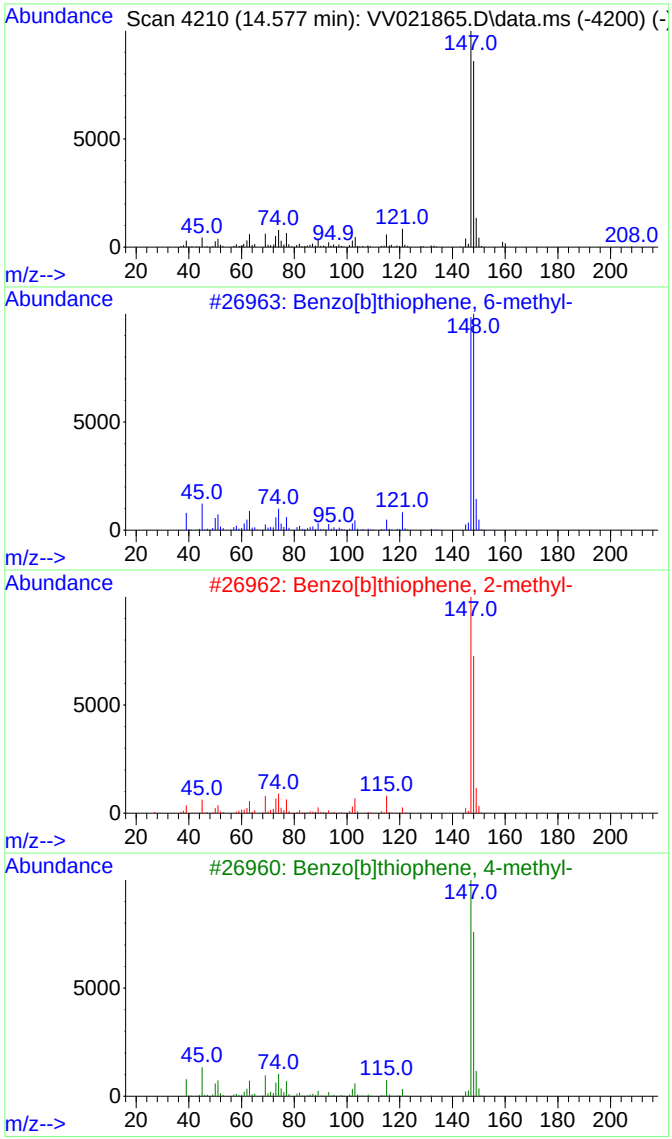
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

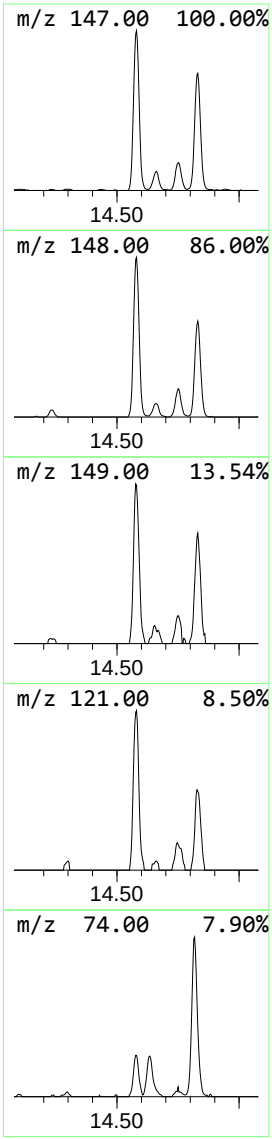
****

Peak Number 12 Benzo[b]thiophene, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.577	9.66 ug/L	210606	1,4-Dichlorobenzene-d4	11.252

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, 4-methyl-	148	C9H8S	014315-11-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKD4

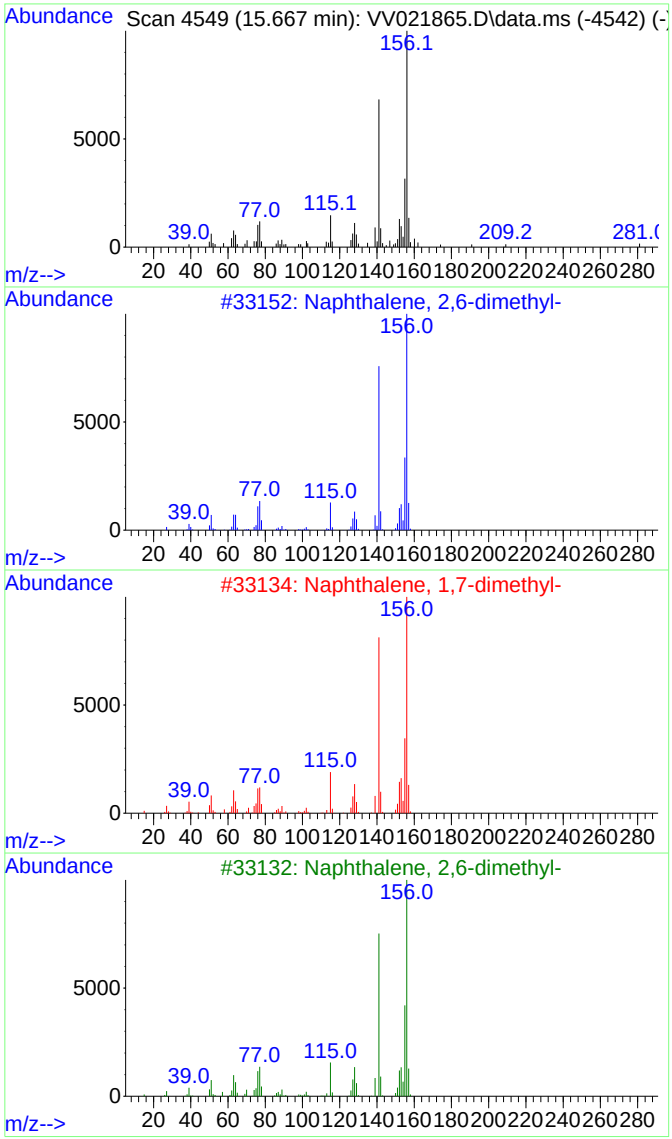
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

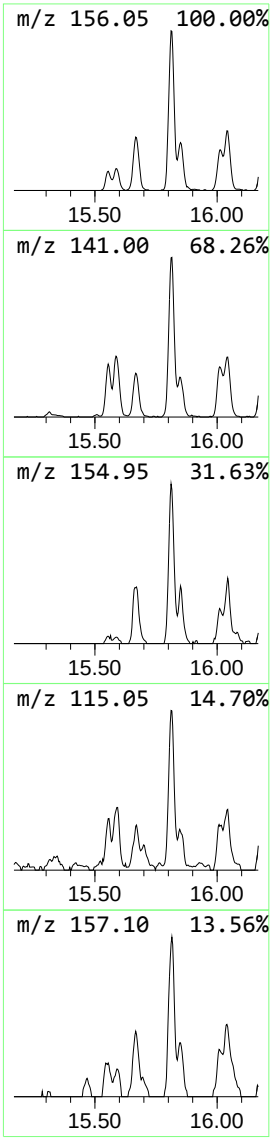
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.667	2.81 ug/L	61353	1,4-Dichlorobenzene-d4	11.252

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, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

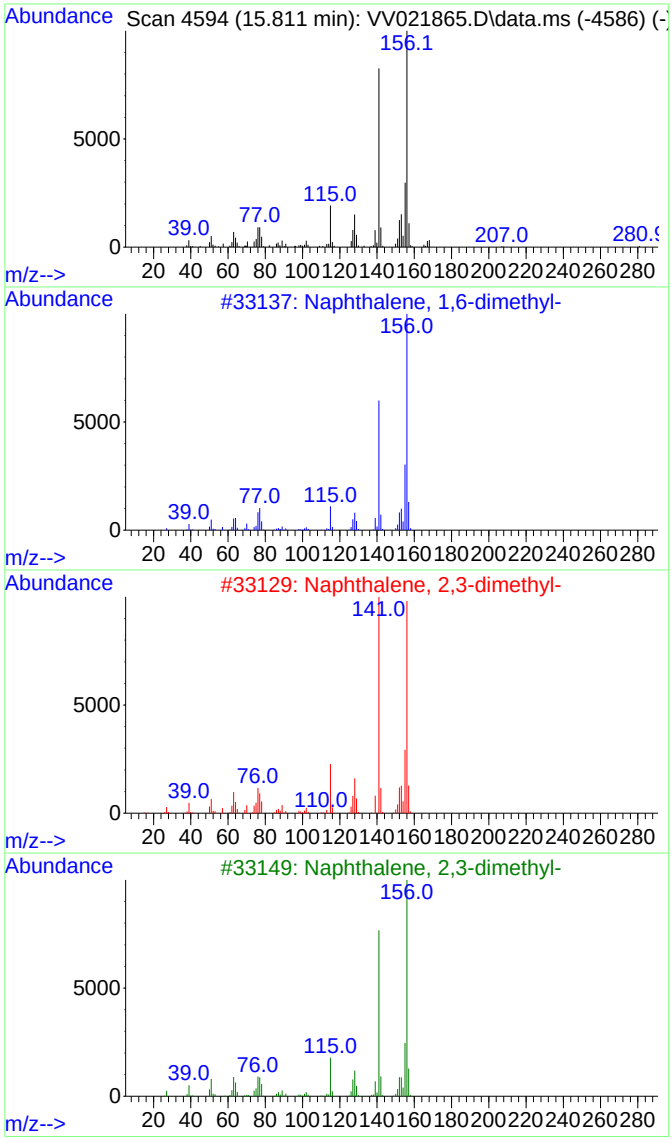
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

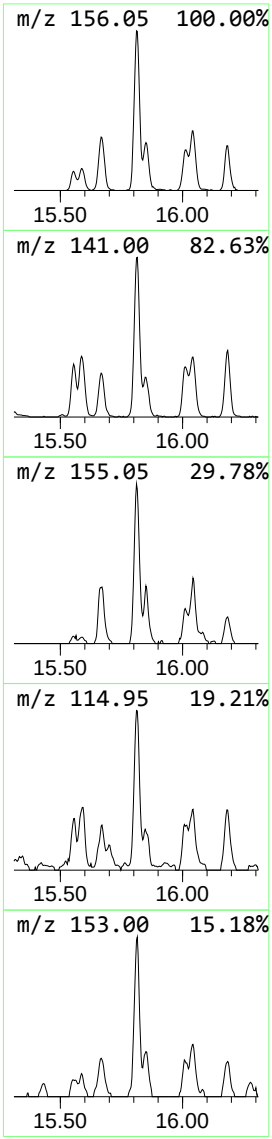
****

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.811	8.81 ug/L	192084	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

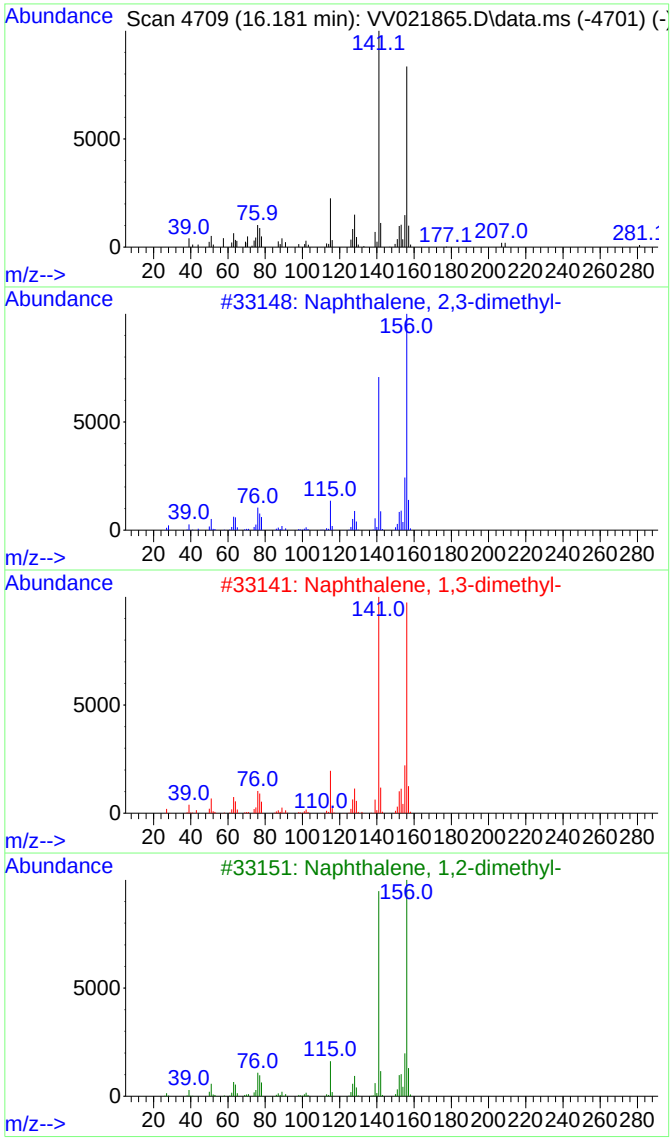
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

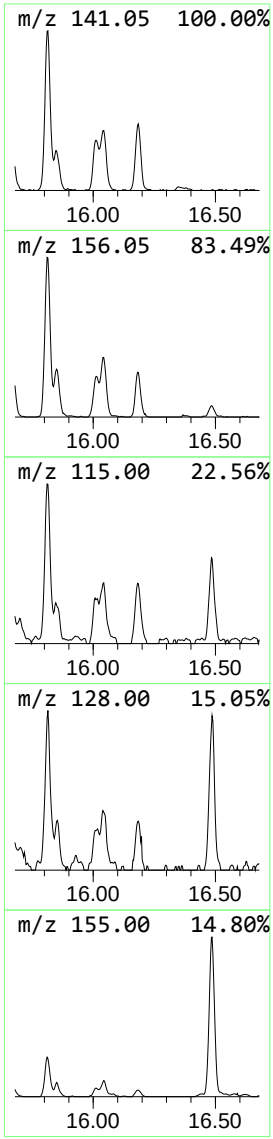
****

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.181	2.86 ug/L	62289	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKD4

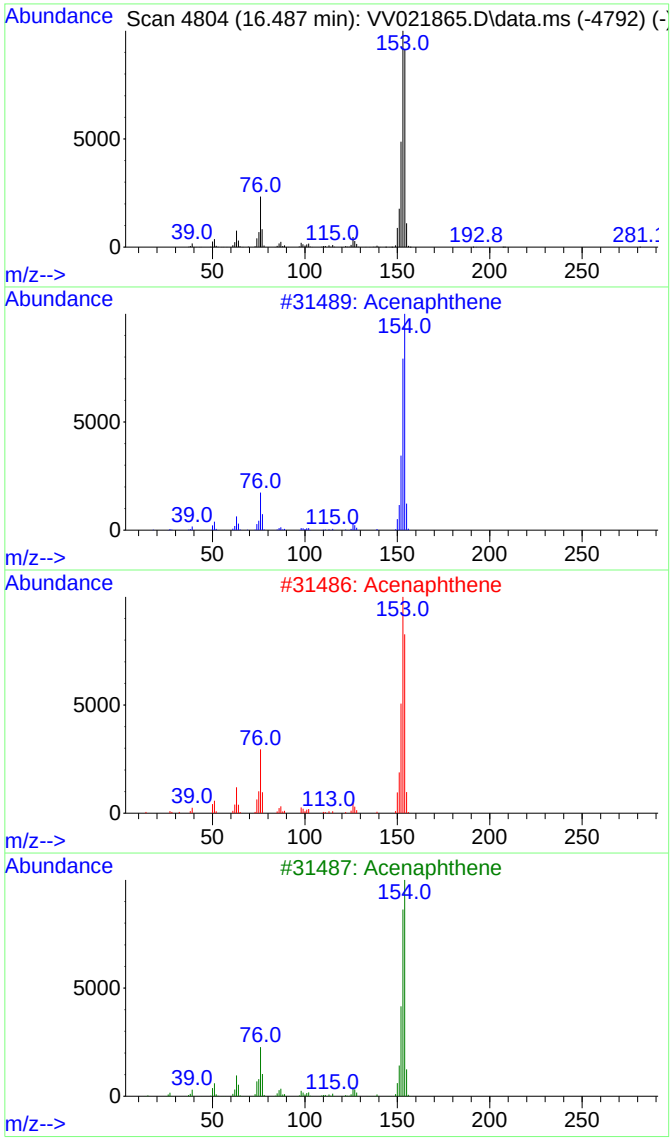
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

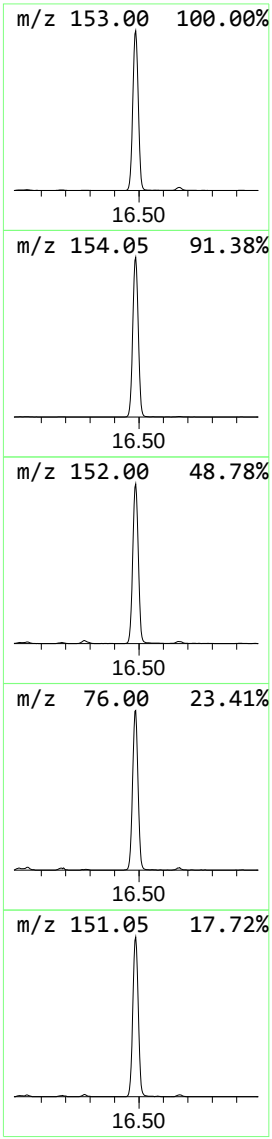
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2-ethenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	84.09 ug/L	1832900	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	94
2	Acenaphthene	154	C12H10	000083-32-9	89
3	Acenaphthene	154	C12H10	000083-32-9	72
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
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\VV081821\
Data File : VV021865.D
Acq On : 18 Aug 2021 15:05
Operator : SY/MD
Sample : M3448-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.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
Benzene, 1,2,3-...	11.339	2.6	ug/L	55820	3	11.252	1089840	50.0
Indane	11.529	118.7	ug/L	2587160	3	11.252	1089840	50.0
1-Phenyl-1-butene	12.117	7.0	ug/L	152274	3	11.252	1089840	50.0
Benzofuran, 7-m...	12.365	3.6	ug/L	79154	3	11.252	1089840	50.0
Benzofuran, 2-m...	12.467	5.7	ug/L	125069	3	11.252	1089840	50.0
Benzene, 1-ethe...	12.728	7.8	ug/L	170727	3	11.252	1089840	50.0
Benzene, 2-ethe...	12.886	28.7	ug/L	625273	3	11.252	1089840	50.0
2-Methylindene	13.053	5.3	ug/L	116565	3	11.252	1089840	50.0
Azulene	13.506	5.4	ug/L	118443	3	11.252	1089840	50.0
2,2-Dimethylind...	14.294	3.7	ug/L	80173	3	11.252	1089840	50.0
Benzo[b]thiophe...	14.577	9.7	ug/L	210606	3	11.252	1089840	50.0
Naphthalene, 2,...	15.667	2.8	ug/L	61353	3	11.252	1089840	50.0
Naphthalene, 1,...	15.811	8.8	ug/L	192084	3	11.252	1089840	50.0
Naphthalene, 2,...	16.181	2.9	ug/L	62289	3	11.252	1089840	50.0
Naphthalene, 2-...	16.487	84.1	ug/L	1832900	3	11.252	1089840	50.0