LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

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: VV021890.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.191	42	47	65	rVB3	13479	26869	0.02%	0.009%
2	1.304	75	82	88	rBV	219909	215984	0.16%	0.076%
3	1.346	88	95	104	rBV	57026	121974	0.09%	0.043%
4	1.558	155	161	176	rVB	163783	194126	0.14%	0.069%
5	2.105	322	331	346	rVB	353721	526977	0.39%	0.186%
6	2.291	382	389	398	rVB2	5488	8395	0.01%	0.003%
7	2.349	403	407	409	rBV5	984	771	0.00%	0.000%
8	2.773	529	539	543	rBV8	2354	4043	0.00%	0.001%
9	3.301	699	703	710	rBV5	654	756	0.00%	0.000%
10	3.876	871	882	914	rBV	121943	327141	0.24%	0.116%
11	4.349	1011	1029	1056	rBV	240604	596262	0.44%	0.211%
12	4.686	1124	1134	1139	rBV6	1195	1790	0.00%	0.001%
13	5.047	1226	1246	1255	rBV2	613771	1505862	1.12%	0.532%
14	5.616	1411	1423	1455	rBV	502799	1034521	0.77%	0.366%
15	5.918	1508	1517	1519	rBV6	3039	4134	0.00%	0.001%
16	6.072	1548	1565	1595	rBV	335670	688908	0.51%	0.243%
17	6.571	1715	1720	1723	rBV5	696	633	0.00%	0.000%
18	6.989	1838	1850	1875	rBV	189719	345172	0.26%	0.122%
19	7.252	1928	1932	1939	rVB4	775	818	0.00%	0.000%
20	7.317	1939	1952	1964	rBV	745133	1284448	0.95%	0.454%
21	7.387	1964	1974	2006	rVB	2010698	3397688	2.52%	1.201%
22	7.529	2013	2018	2034	rVB	13441	25434	0.02%	0.009%
23	7.622	2038	2047	2062	rVV	124581	215696	0.16%	0.076%
24	7.702	2065	2072	2088	rVB2	14416	27703	0.02%	0.010%
25	7.940	2135	2146	2158	rBV3	10125	18337	0.01%	0.006%
26	8.088	2182	2192	2219	rBV	370682	637504	0.47%	0.225%
27	8.400	2285	2289	2293	rBV4	1001	821	0.00%	0.000%
28	8.854	2417	2430	2453	rBV	761675	1246933	0.93%	0.441%
29	9.014	2466	2480	2505	rBV	3389512	5255163	3.90%	1.857%
30	9.136	2506	2518	2556	rVB	2610605	4187923	3.11%	1.480%
31	9.317	2564	2574	2587	rBV4	20932	37647	0.03%	0.013%
32	9.503	2623	2632	2634	rVV3	17471	20773	0.02%	0.007%
33	9.545	2634	2645	2680	rVB	1611666	2761172	2.05%	0.976%
34	9.783	2710	2719	2730	rBV2	12725	20537	0.02%	0.007%
35	9.934	2753	2766	2786	rBV	102158	162925	0.12%	0.058%
36	10.027	2786	2795	2808	rBV5	8136	14490	0.01%	0.005%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

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	10.130	2819	2827	2837	rVV9	4624	8877	0.01%	0.003%
38	10.217	2837	2854	2867	rVV	499494	781512	0.58%	0.276%
39	10.281	2869	2874	2888	rVB4	11405	17466	0.01%	0.006%
40	10.355	2888	2897	2914	rBV	61109	111188	0.08%	0.039%
41	10.448	2915	2926	2945	rBV	695070	1489969	1.11%	0.527%
42	10.542	2945	2955	2970	rVB	649054	967240	0.72%	0.342%
43	10.661	2984	2992	3004	rVB3	7038	11374	0.01%	0.004%
44	10.741	3005	3017	3040	rBV	232346	448767	0.33%	0.159%
45	10.831	3040	3045	3047	rBV5	993	887	0.00%	0.000%
46	10.915	3056	3071	3085	rBV	1682727	2536238	1.88%	0.896%
47	10.988	3085	3094	3104	rVV	122081	180439	0.13%	0.064%
48	11.040	3104	3110	3116	rVV2	27066	38876	0.03%	0.014%
49	11.088	3117	3125	3136	rVB3	72360	112641	0.08%	0.040%
50	11.169	3138	3150	3165	rBV	4353599	6759755	5.02%	2.389%
51	11.249	3165	3175	3192	rVV	931800	1484545	1.10%	0.525%
52	11.339	3192	3203	3215	rVV	663469	1083291	0.80%	0.383%
53	11.400	3216	3222	3236	rVB	80805	117986	0.09%	0.042%
54	11.532	3248	3263	3283	rBV	17652663	27568342	20.47%	9.743%
55	11.628	3283	3293	3315	rVB2	841422	1488719	1.11%	0.526%
56	11.751	3317	3331	3347	rBV	15783734	24388486	18.11%	8.619%
57	11.914	3376	3382	3386	rBV	41805	53436	0.04%	0.019%
58	12.017	3403	3414	3420	rBV	163842	256876	0.19%	0.091%
59	12.117	3434	3445	3465	rBV	547385	841706	0.63%	0.297%
60	12.197	3466	3470	3477	rVB2	14713	17755	0.01%	0.006%
61	12.249	3478	3486	3496	rBV6	25687	49174	0.04%	0.017%
62	12.358	3501	3520	3532	rBV2	1022873	1894464	1.41%	0.670%
63	12.416	3532	3538	3542	rBV	77923	87331	0.06%	0.031%
64	12.464	3542	3553	3563	rBV	2301856	4177040	3.10%	1.476%
65	12.725	3625	3634	3652	rVB	811461	1200864	0.89%	0.424%
66	12.886	3667	3684	3695	rBV2	1401348	2165202	1.61%	0.765%
67	12.950	3695	3704	3716	rVB	633421	978547	0.73%	0.346%
68	13.049	3723	3735	3757	rVB2	2099930	3441479	2.56%	1.216%
69	13.156	3758	3768	3780	rBV7	70782	153993	0.11%	0.054%
70	13.220	3780	3788	3798	rVB3	78284	129310	0.10%	0.046%
71	13.281	3798	3807	3814	rBV4	59301	103263	0.08%	0.036%
72	13.387	3834	3840	3857	rVB2	62249	127075	0.09%	0.045%
73	13.532	3863	3885	3900	rBV3	54905791	134660551	100.00%	47.592%
74	13.628	3904	3915	3935	rVB	7167804	11042064	8.20%	3.903%
75	13.770	3952	3959	3969	rVB2	72670	109013	0.08%	0.039%
76	13.824	3971	3976	3991	rVB6	25463	46218	0.03%	0.016%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

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	13.911	3994	4003	4014	rBV2	82783	153811	0.11%	0.054%
78	14.094	4050	4060	4072	rBV4	95892	213335	0.16%	0.075%
79	14.294	4114	4122	4136	rVB2	130777	216797	0.16%	0.077%
80	14.435	4159	4166	4176	rVB6	29889	51114	0.04%	0.018%
81	14.577	4200	4210	4218	rBV	396938	602312	0.45%	0.213%
82	14.635	4218	4228	4254	rVB	2232638	3654707	2.71%	1.292%
83	14.747	4254	4263	4273	rBV	271459	435168	0.32%	0.154%
84	14.818	4273	4285	4300	rVV	7913264	12365074	9.18%	4.370%
85	15.104	4369	4374	4383	rVB5	11474	15618	0.01%	0.006%
86	15.313	4432	4439	4441	rBV4	12598	14324	0.01%	0.005%
87	15.365	4444	4455	4467	rVB	1117687	1642005	1.22%	0.580%
88	15.554	4496	4514	4521	rBV	266187	453256	0.34%	0.160%
89	15.667	4538	4549	4572	rVB	453513	817045	0.61%	0.289%
90	15.811	4575	4594	4601	rVV	603679	986527	0.73%	0.349%
91	15.850	4602	4606	4620	rVB	304669	422734	0.31%	0.149%
92	15.937	4627	4633	4645	rVB4	10240	20643	0.02%	0.007%
93	16.040	4646	4665	4685	rVB2	133255	334022	0.25%	0.118%
94	16.181	4700	4709	4723	rVB	77741	122849	0.09%	0.043%
95	16.281	4728	4740	4756	rBV3	97983	209066	0.16%	0.074%
96	16.387	4768	4773	4785	rVB5	16626	24023	0.02%	0.008%
97	16.487	4791	4804	4827	rBV	2260004	3540297	2.63%	1.251%
98	16.663	4852	4859	4871	rBV2	27509	43179	0.03%	0.015%
99	16.786	4887	4897	4915	rVB	252599	394643	0.29%	0.139%
100	17.390	5075	5085	5103	rBV	92410	162452	0.12%	0.057%

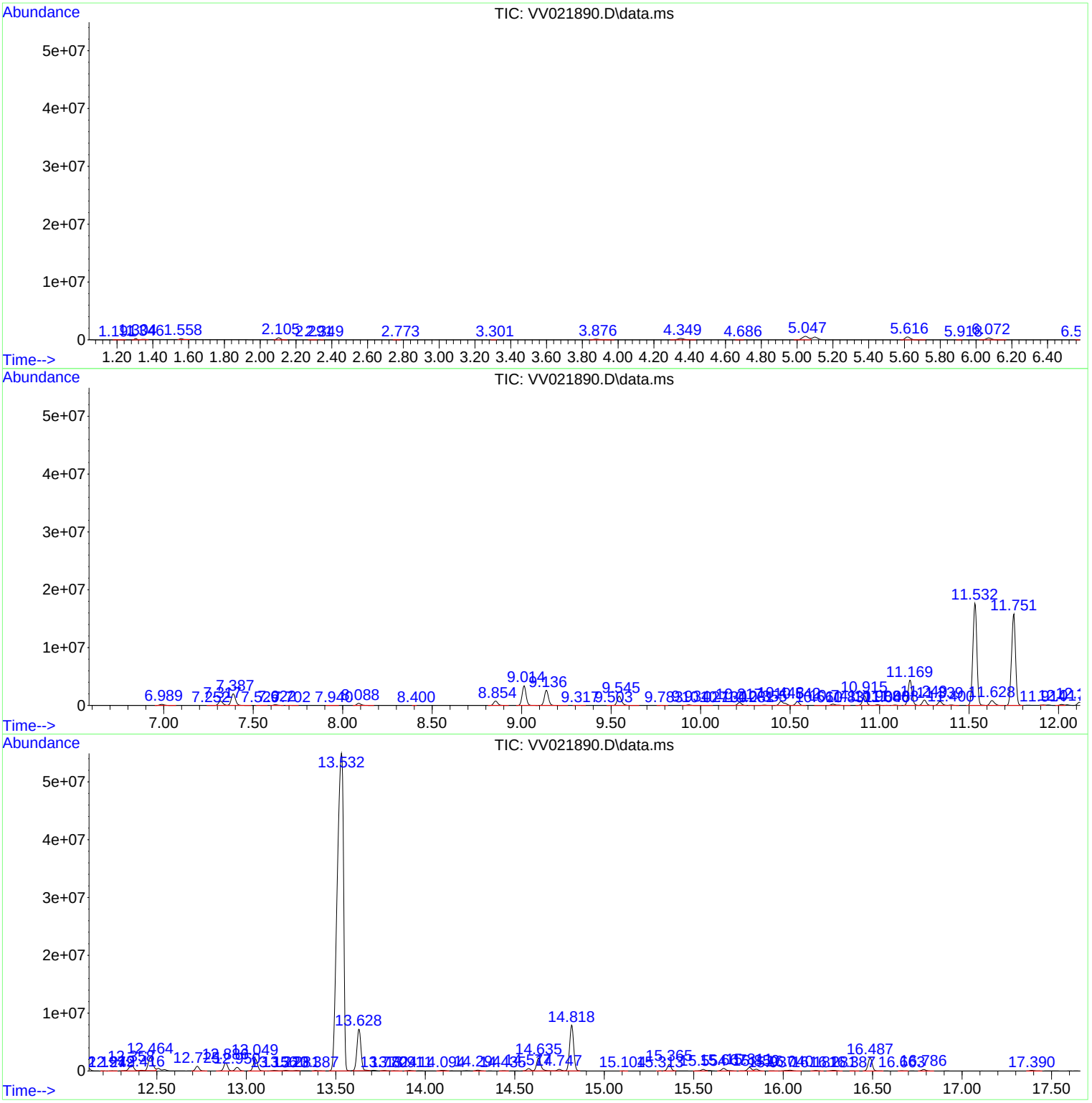
Sum of corrected areas: 282947290

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

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\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

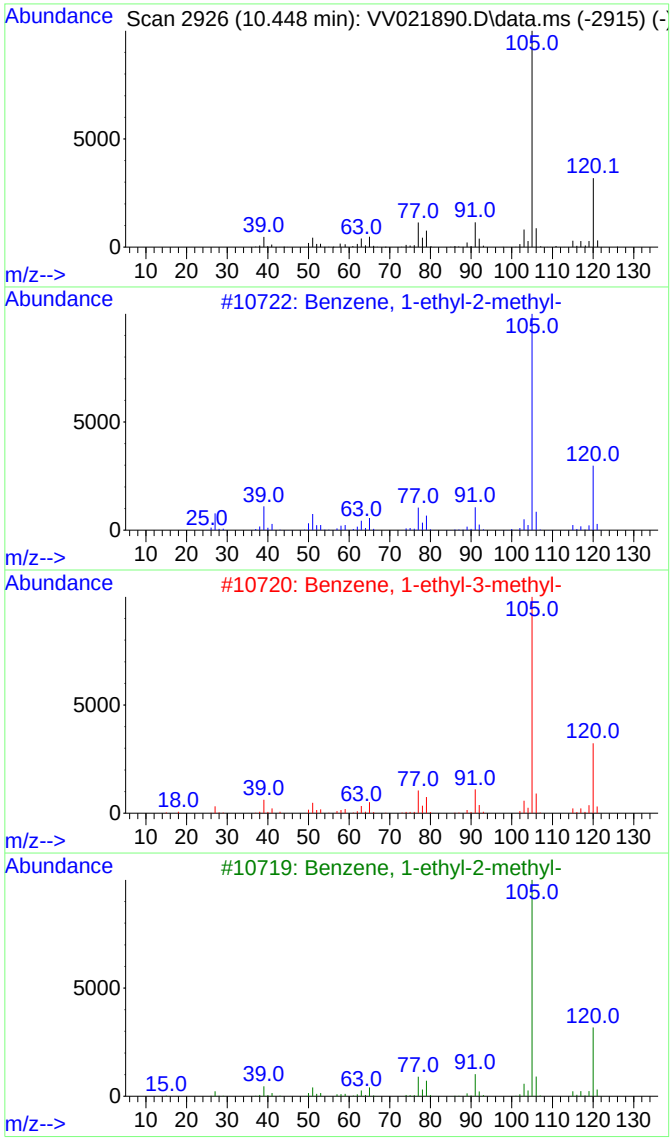
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

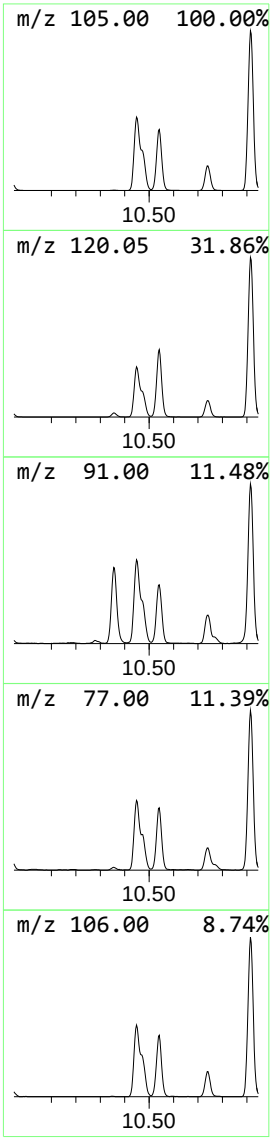
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	50.18 ug/L	1489970	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

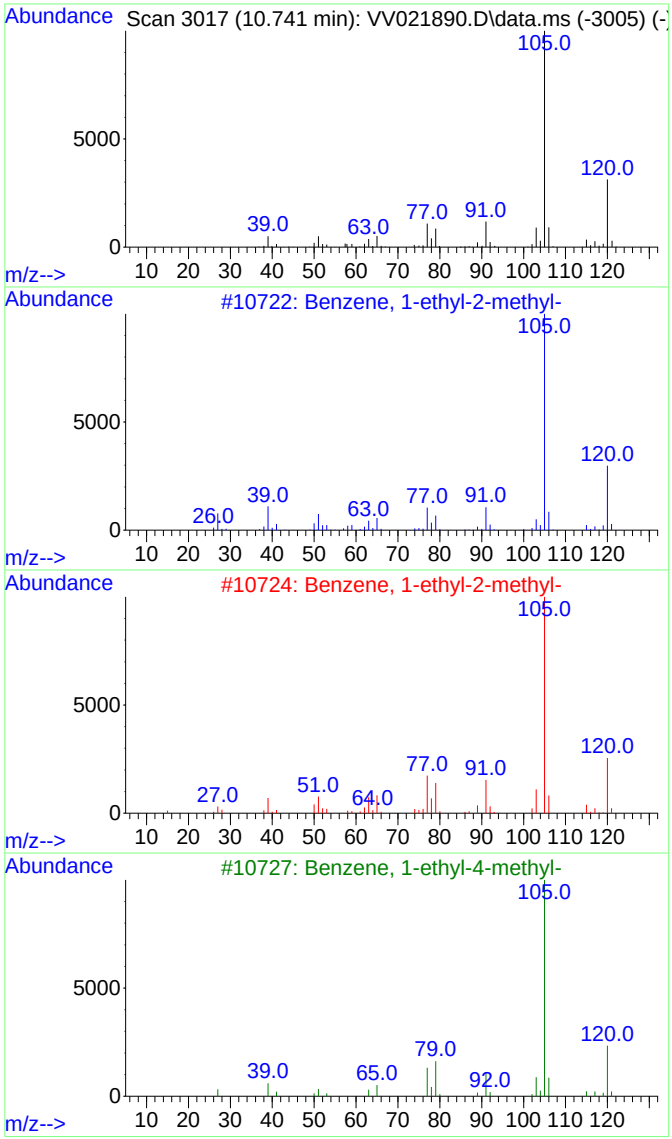
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

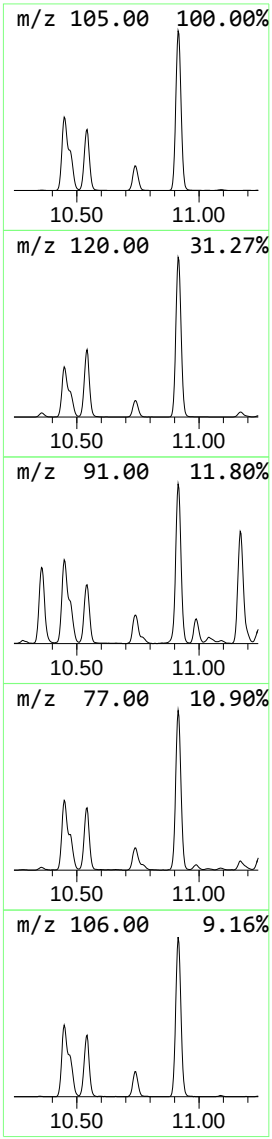
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.741	15.11 ug/L	448767	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

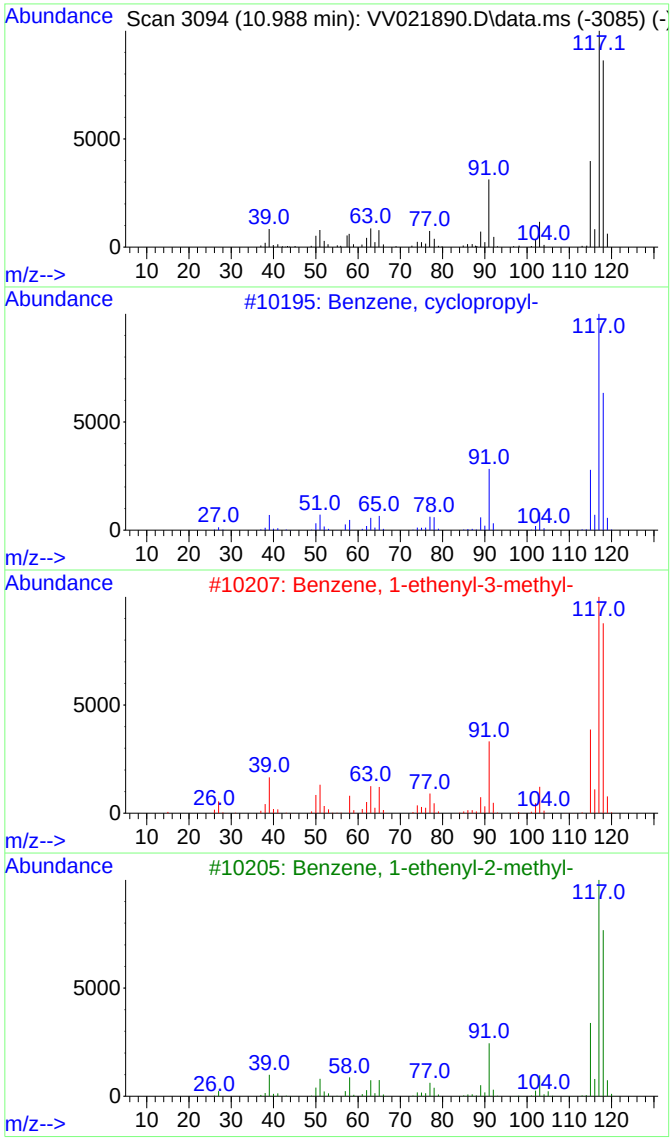
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

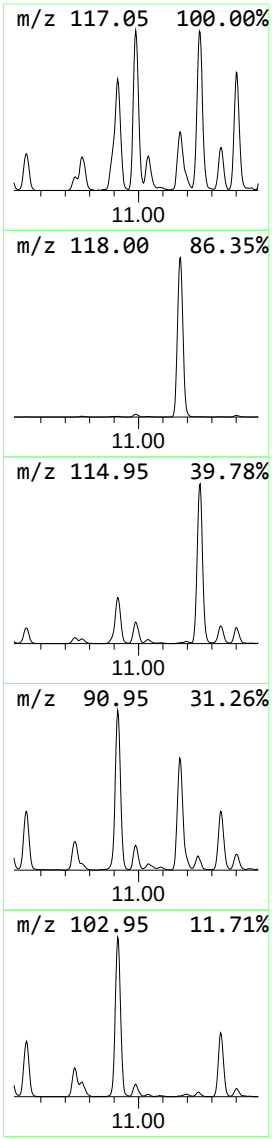
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, cyclopropyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.989	6.08 ug/L	180439	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	91
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

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

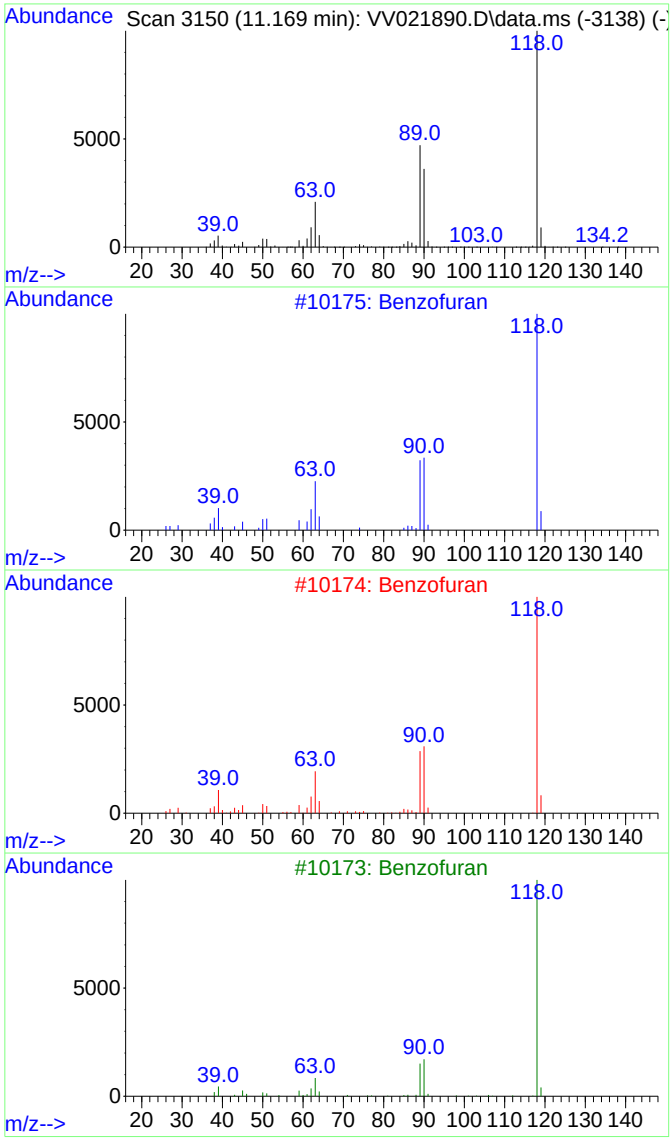
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

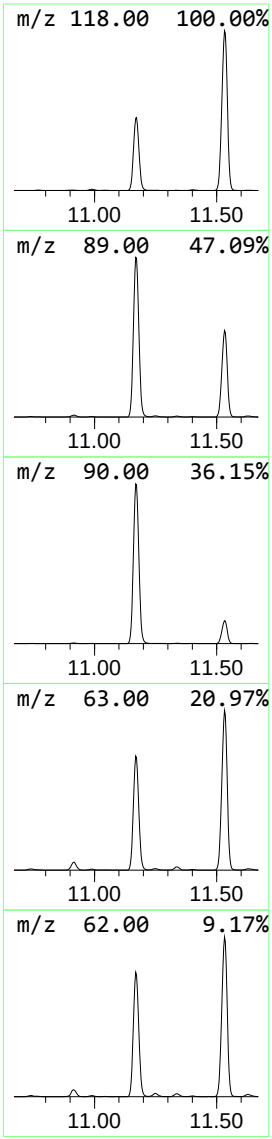
****

Peak Number 7 Benzofuran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	227.67 ug/L	6759760	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	96
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Benzofuran	118	C8H6O	000271-89-6	87
4	Benzofuran	118	C8H6O	000271-89-6	87
5	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

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

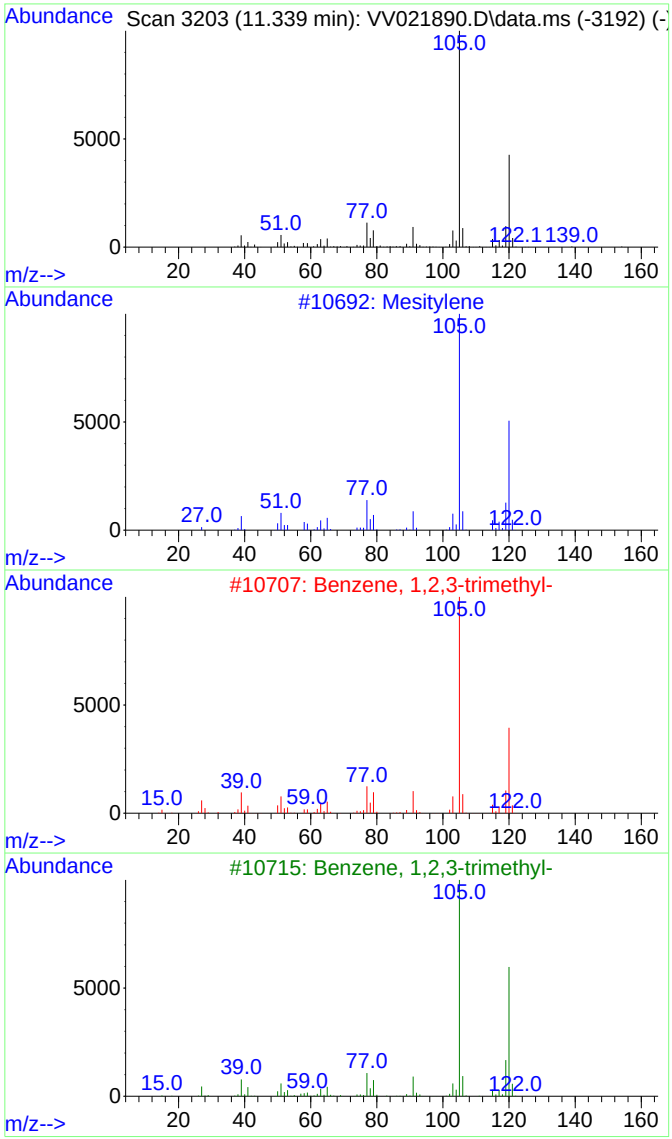
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

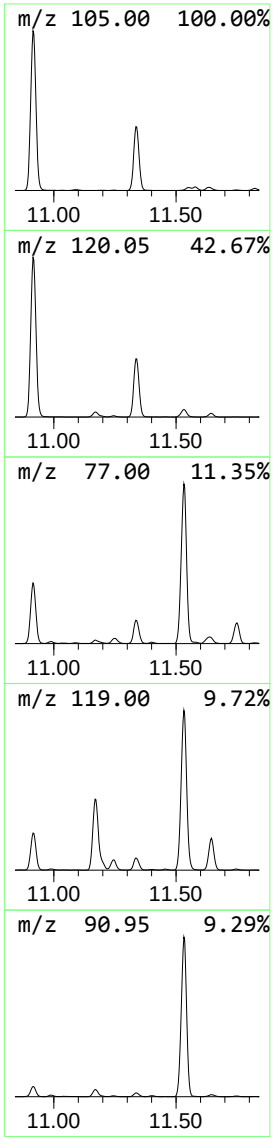
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	36.49 ug/L	1083290	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





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Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

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

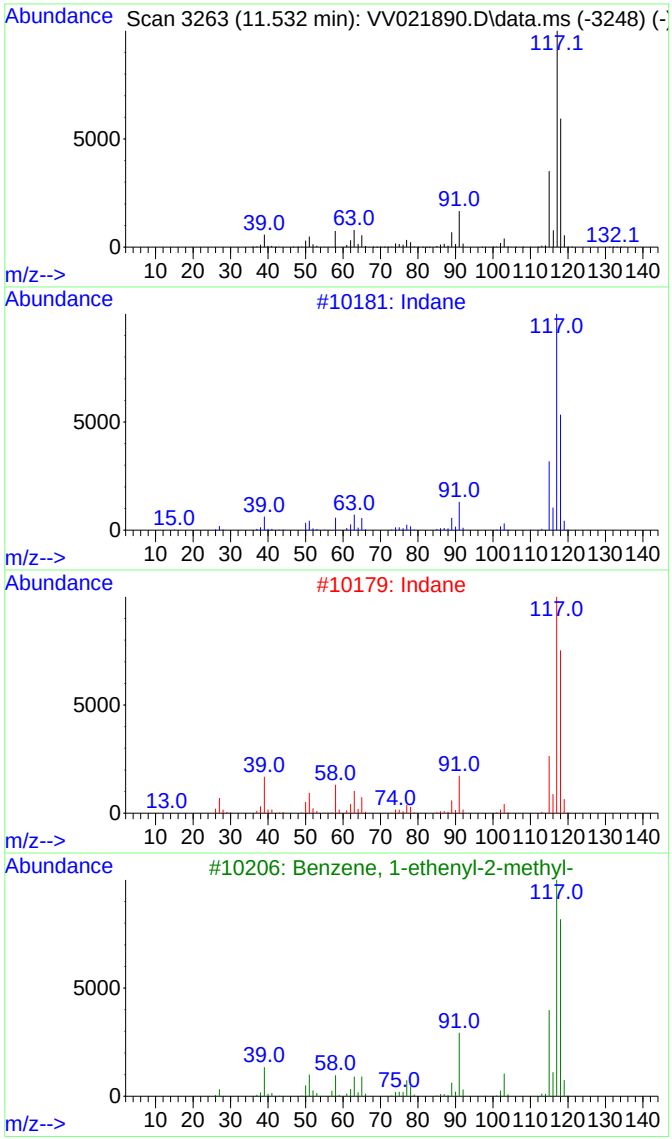
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

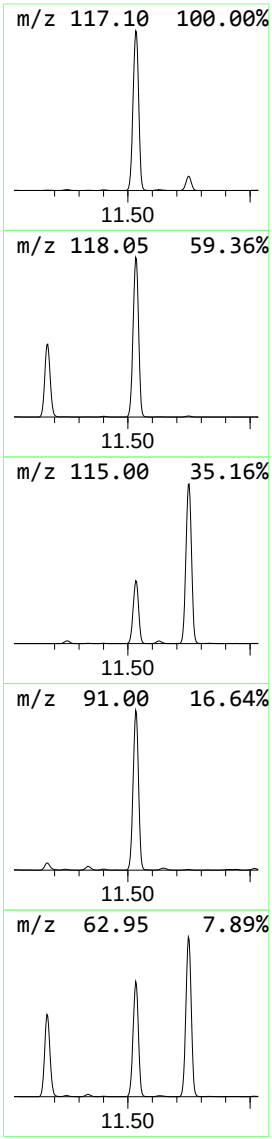
****

Peak Number 10 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.532	928.51 ug/L	27568300	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5	Indane	118	C9H10	000496-11-7	83





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Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

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

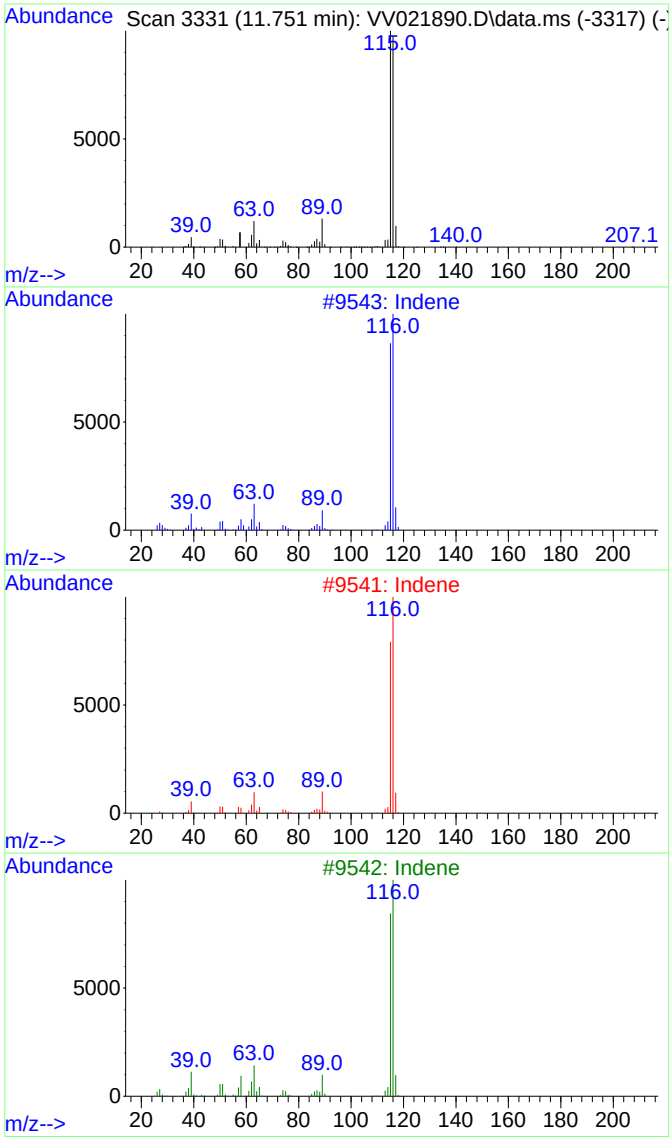
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

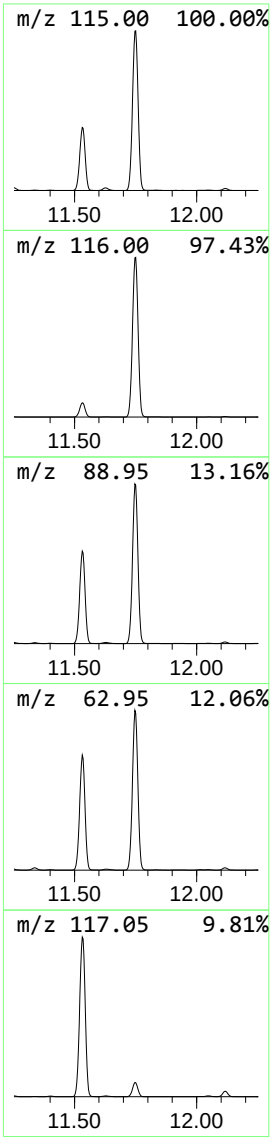
****

Peak Number 11 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	821.41 ug/L	24388500	1,4-Dichlorobenzene-d4	11.252

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





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Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

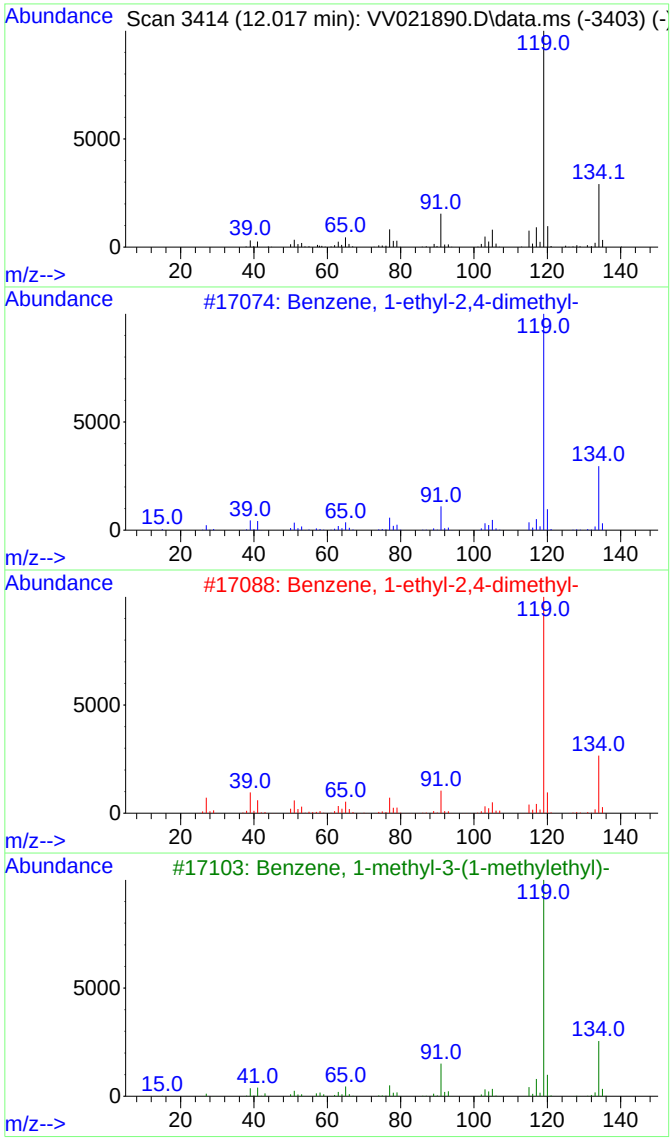
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

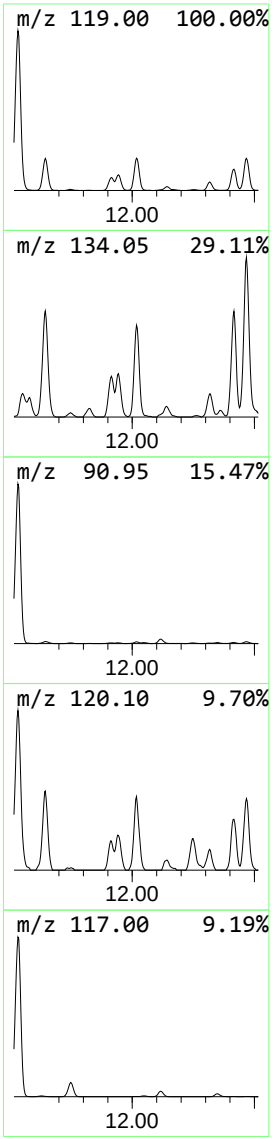
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.017	8.65 ug/L	256876	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

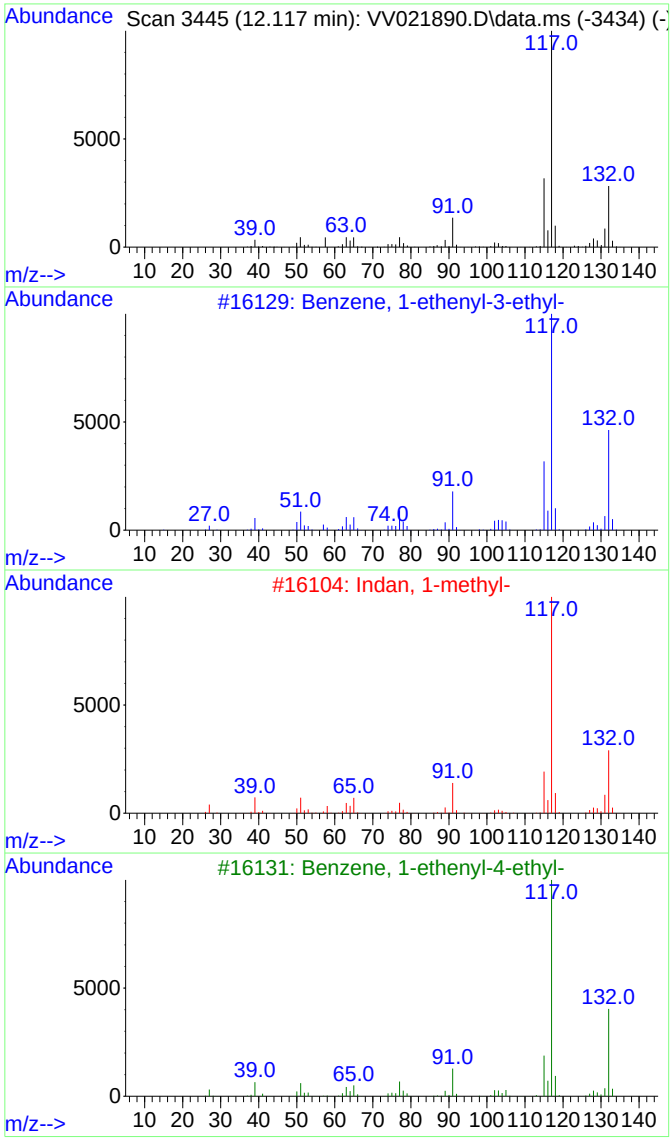
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

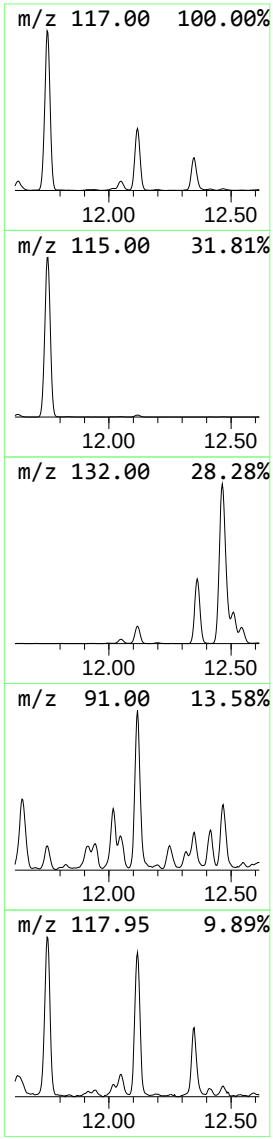
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.117	28.35 ug/L	841706	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87





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Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

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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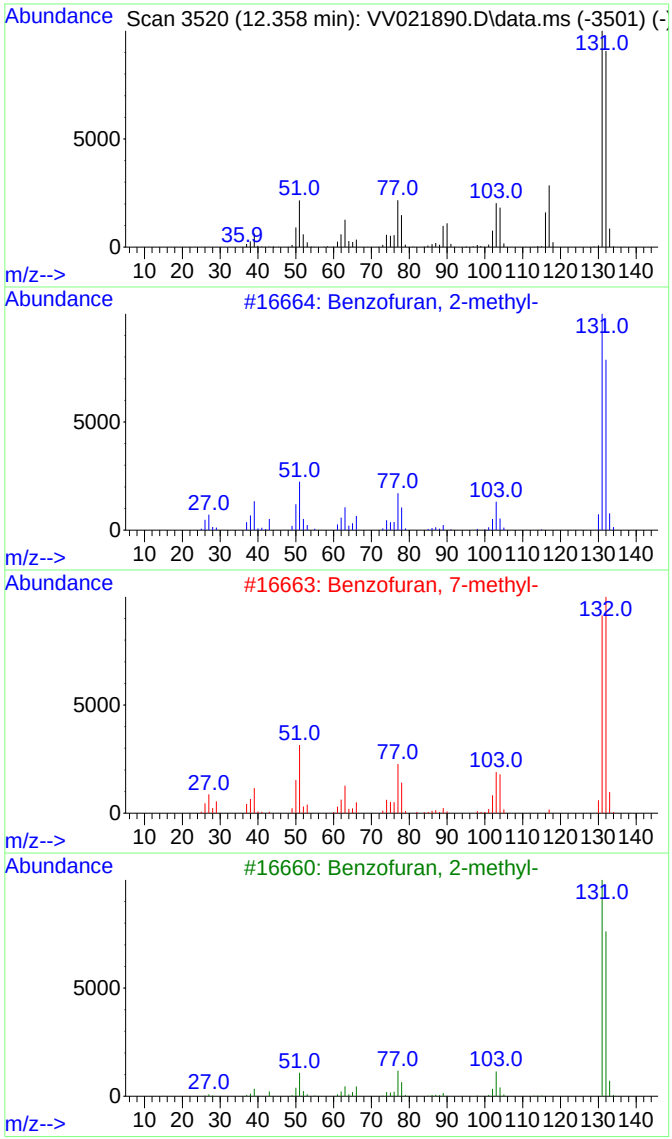
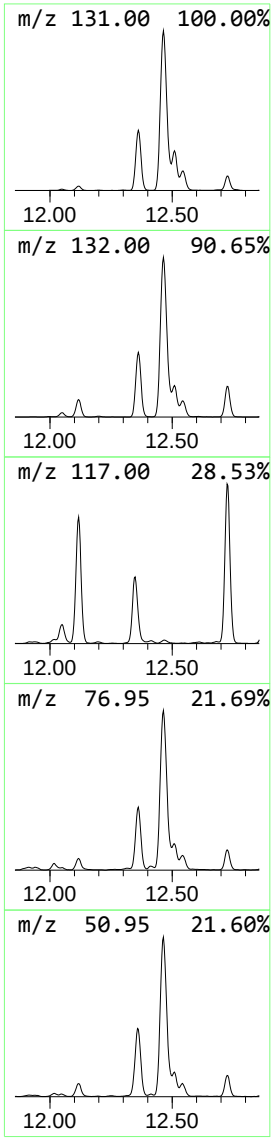
Peak Number 14 Benzofuran, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.358	63.81 ug/L	1894460	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	89
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	89





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Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

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

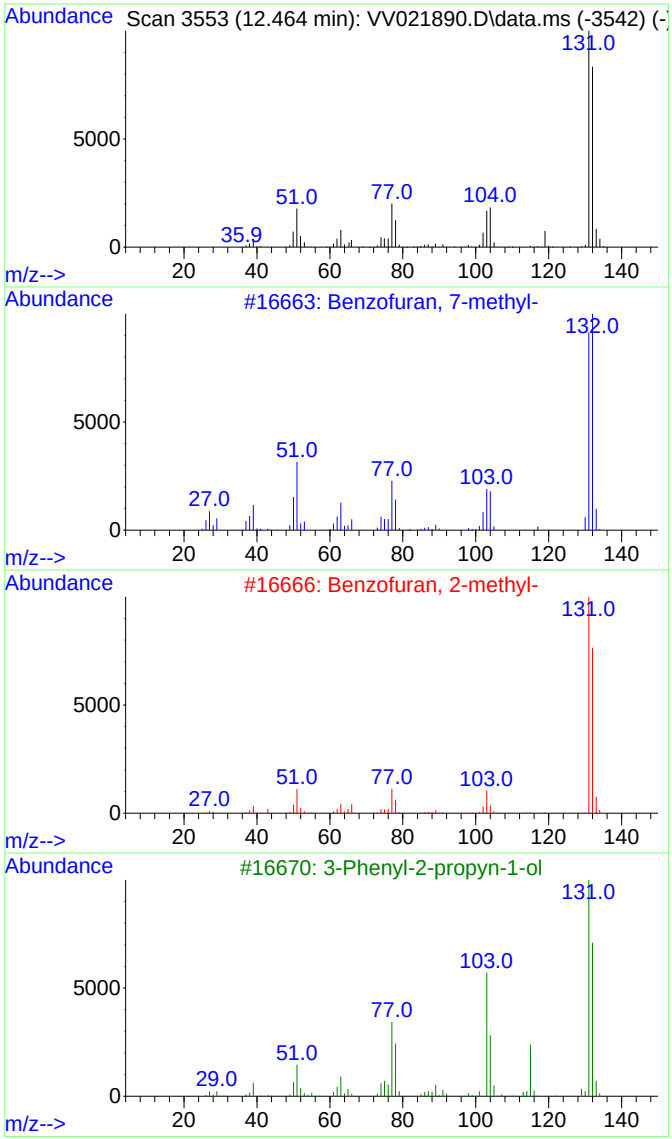
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

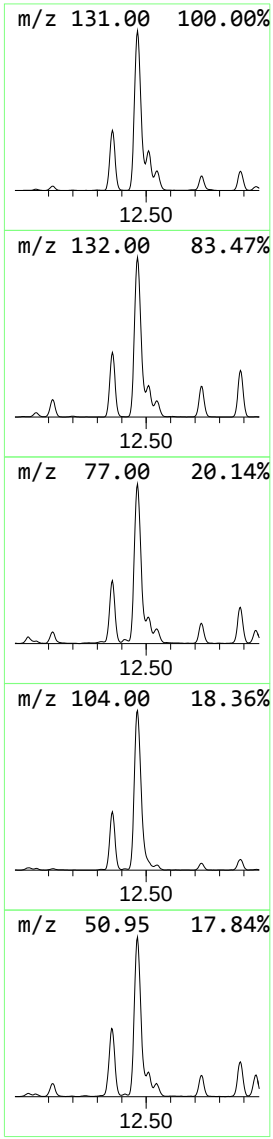
****

Peak Number 16 Benzofuran, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	140.68 ug/L	4177040	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	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

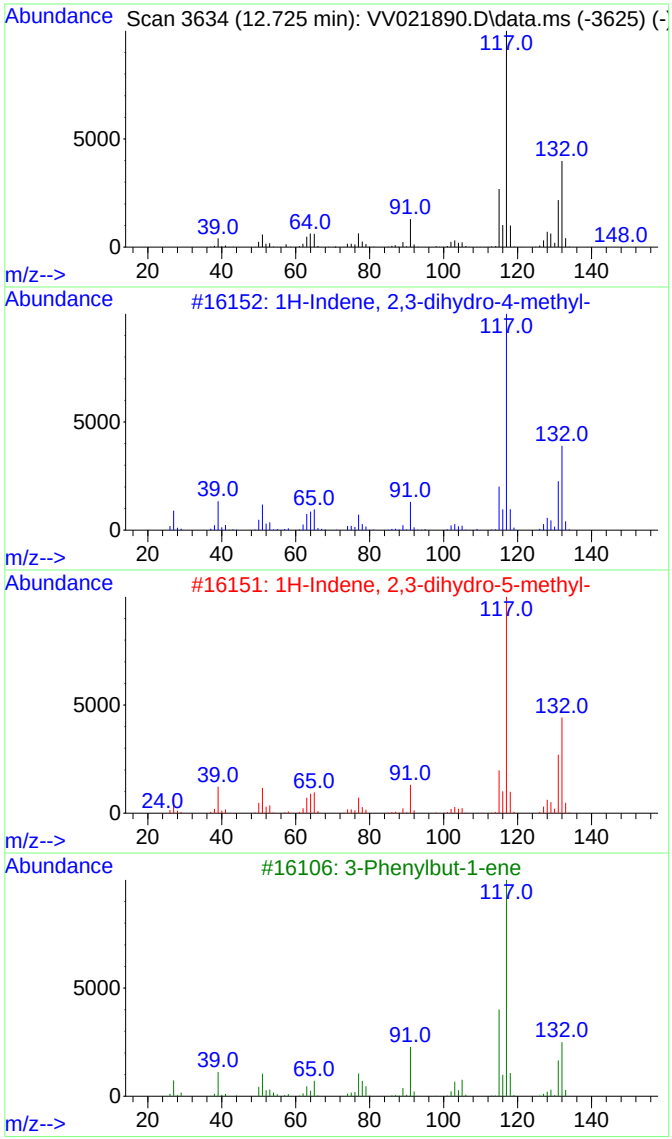
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

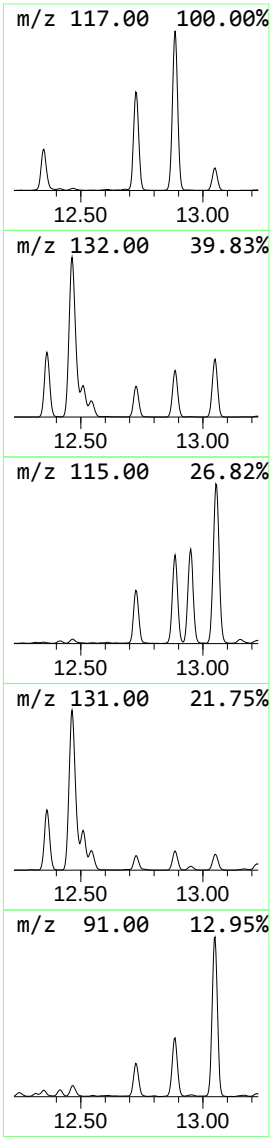
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	40.45 ug/L	1200860	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





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Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

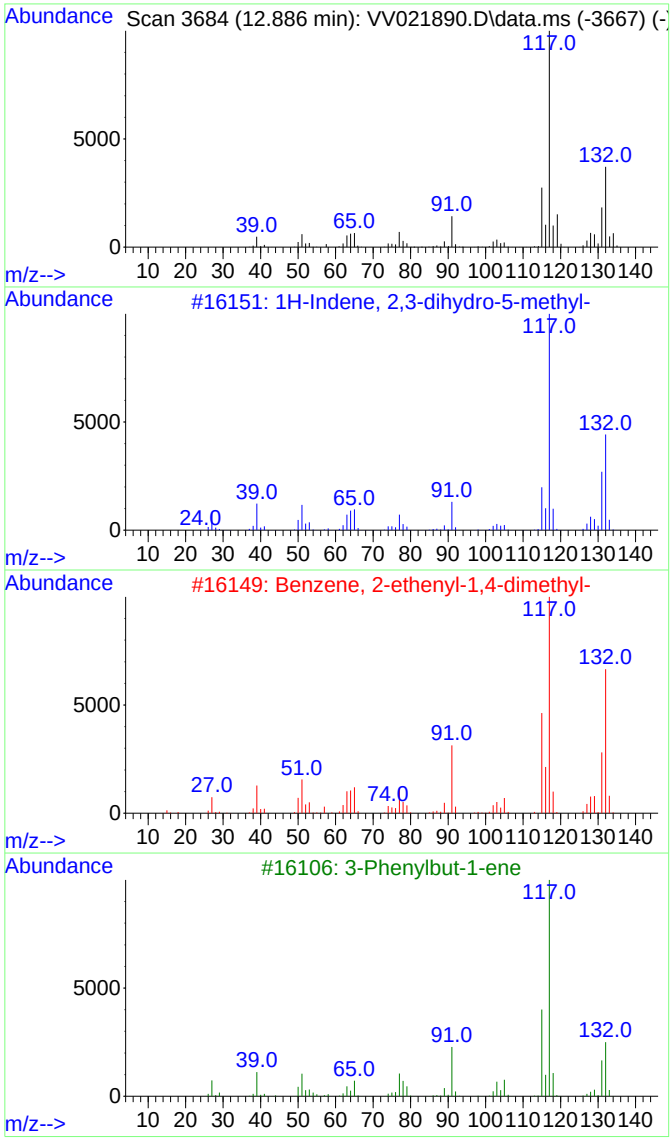
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

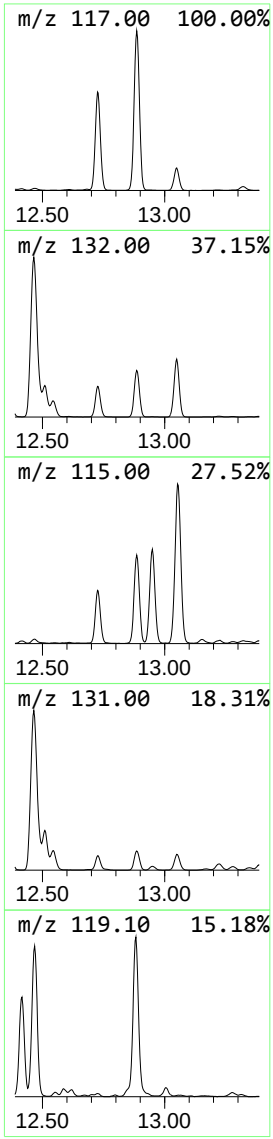
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	72.92 ug/L	2165200	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





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Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

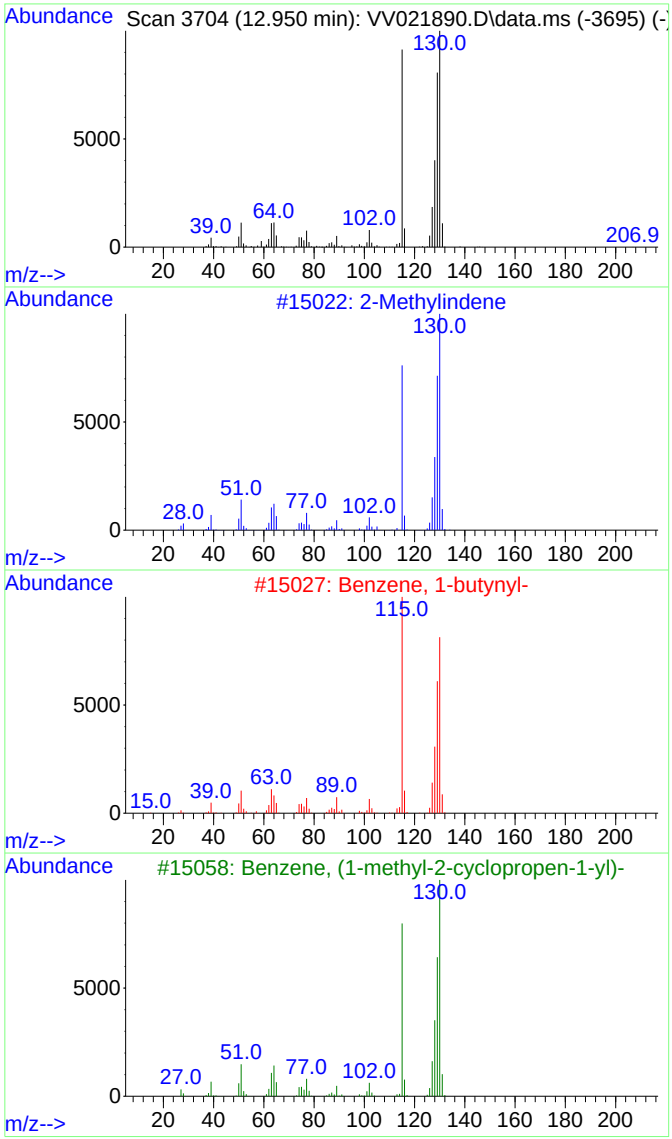
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

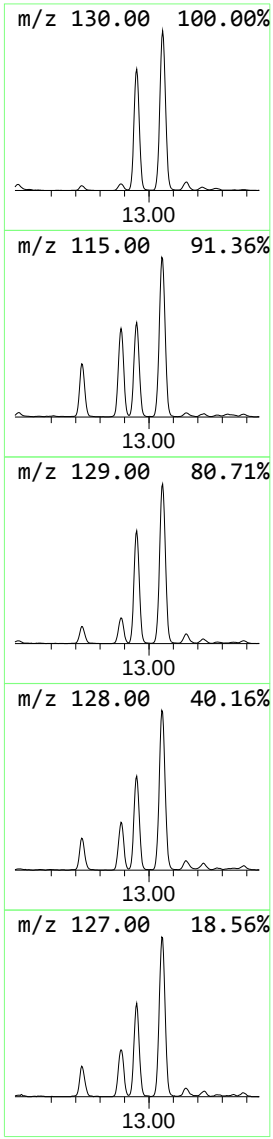
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Methylindene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.950	32.96 ug/L	978547	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-butynyl-	130	C10H10	000622-76-4	95
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95





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Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

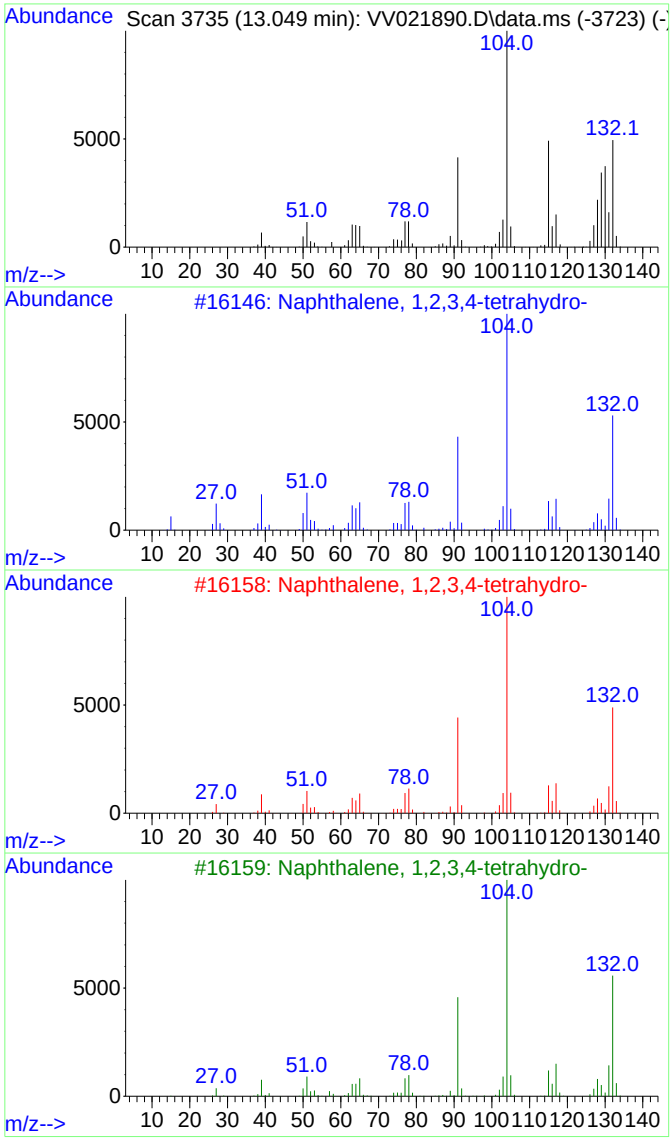
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

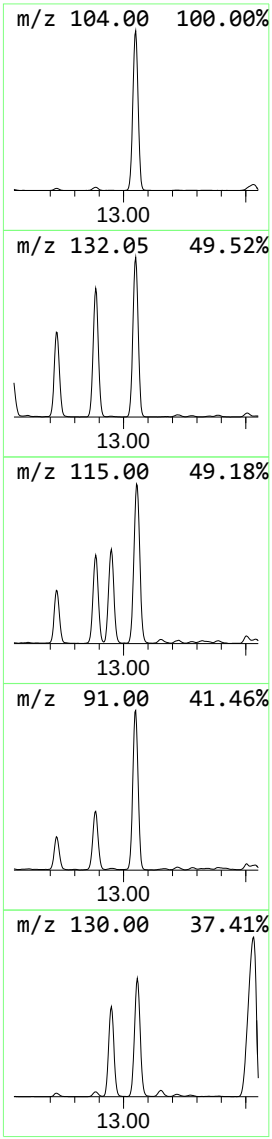
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	115.91 ug/L	3441480	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	92
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	90
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60





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Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

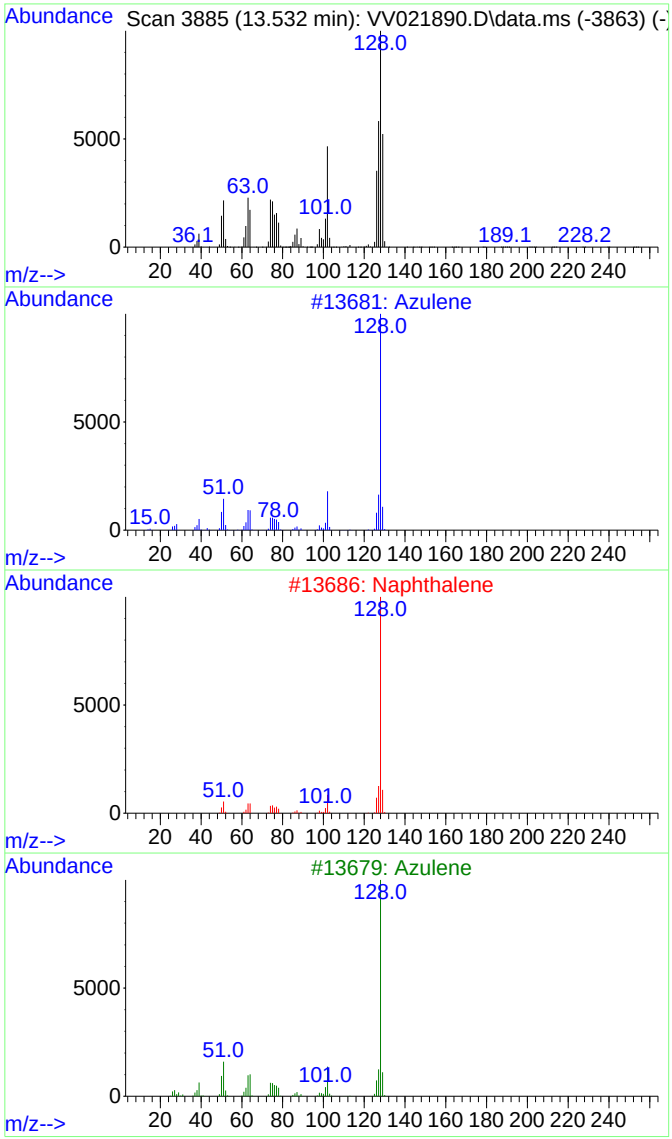
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

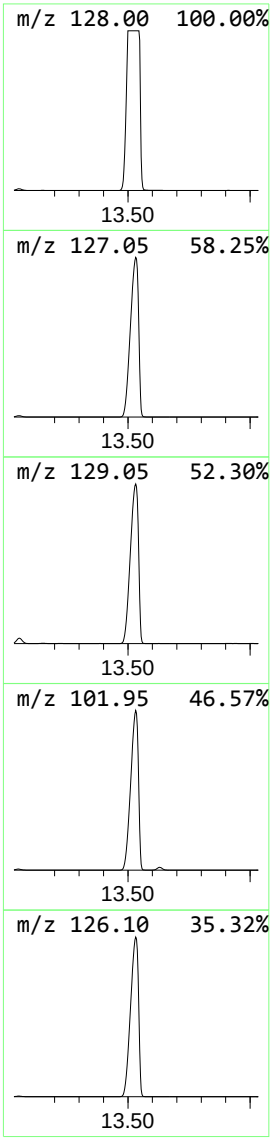
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.532	4535.41 ug/L	134661000	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	91
2	Naphthalene	128	C10H8	000091-20-3	83
3	Azulene	128	C10H8	000275-51-4	83
4	Naphthalene	128	C10H8	000091-20-3	64
5	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

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

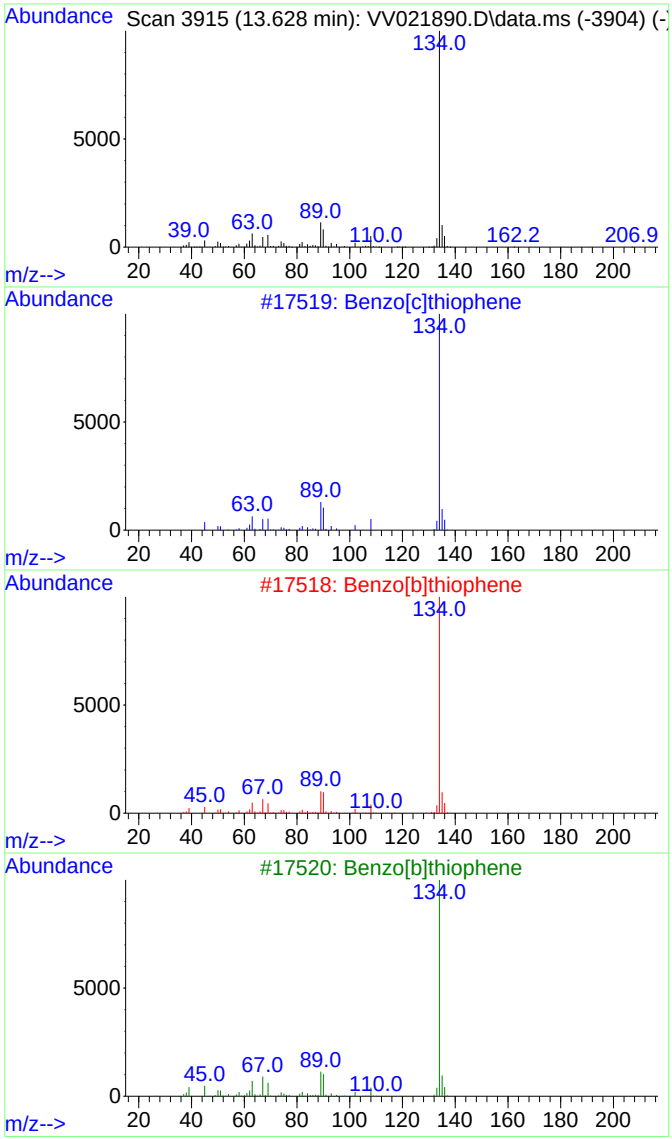
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

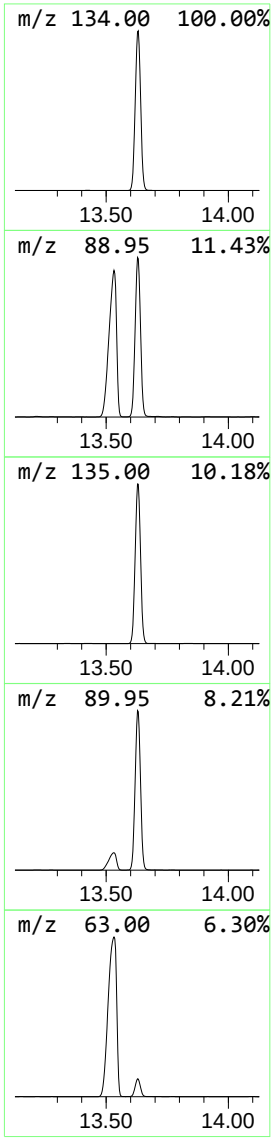
****

Peak Number 26 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.628	371.90 ug/L	11042100	1,4-Dichlorobenzene-d4	11.252

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	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





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Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

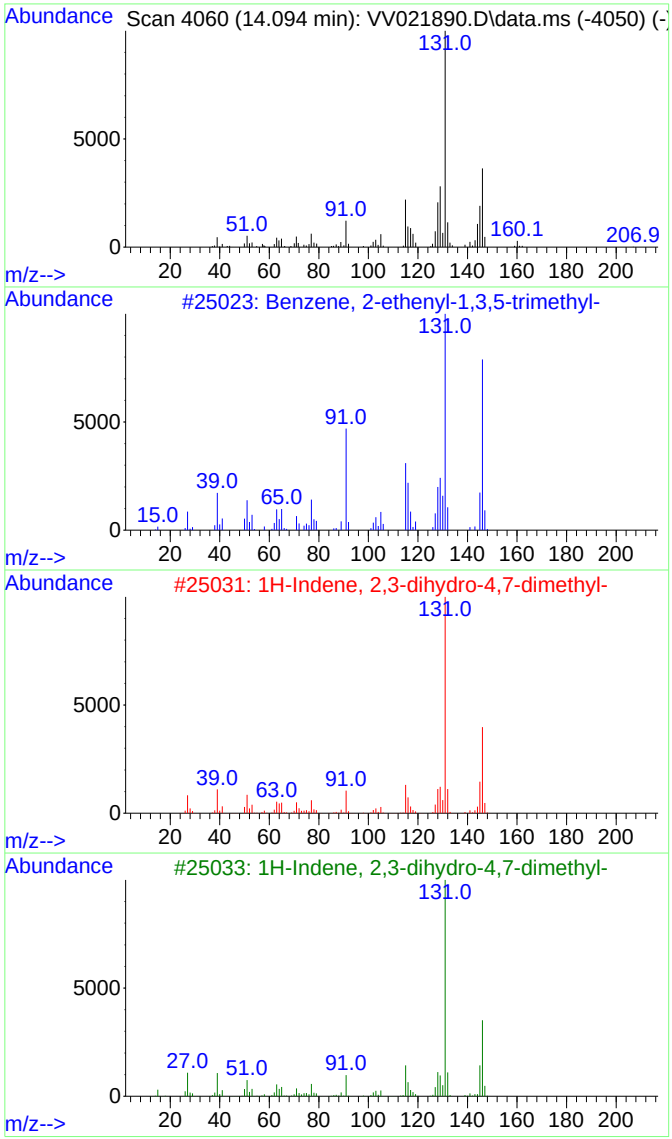
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

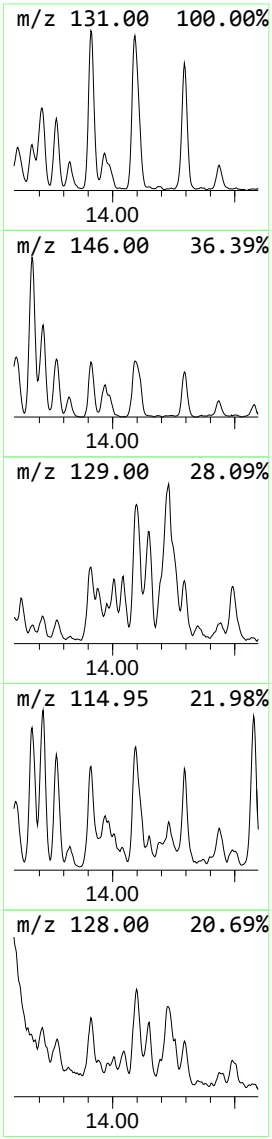
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.095	7.19 ug/L	213335	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	76
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

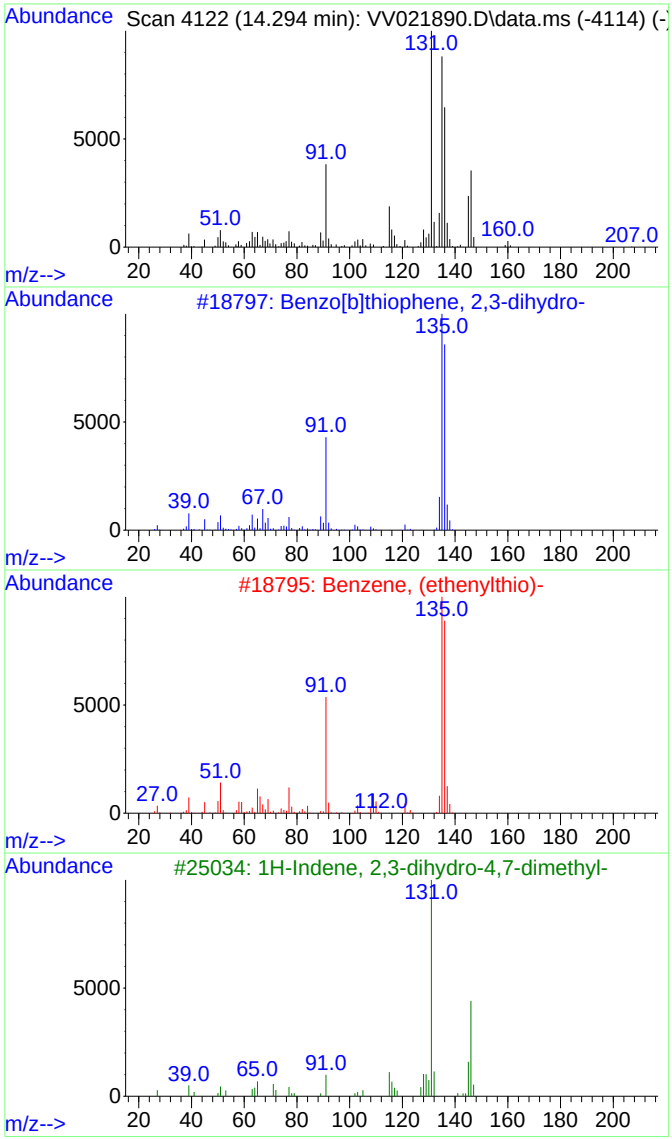
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

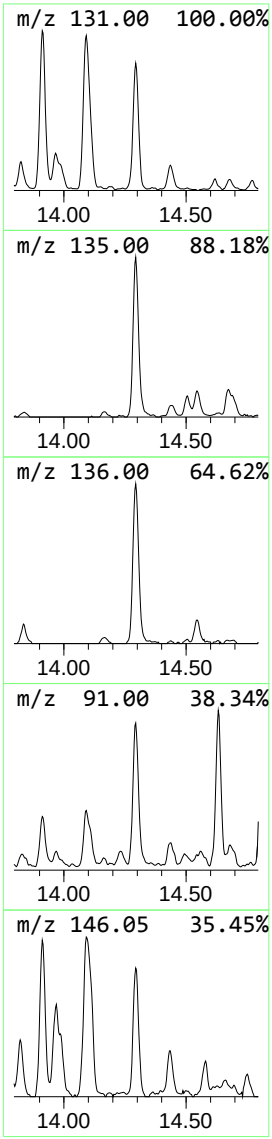
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	7.30 ug/L	216797	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	89
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	50
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	43
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

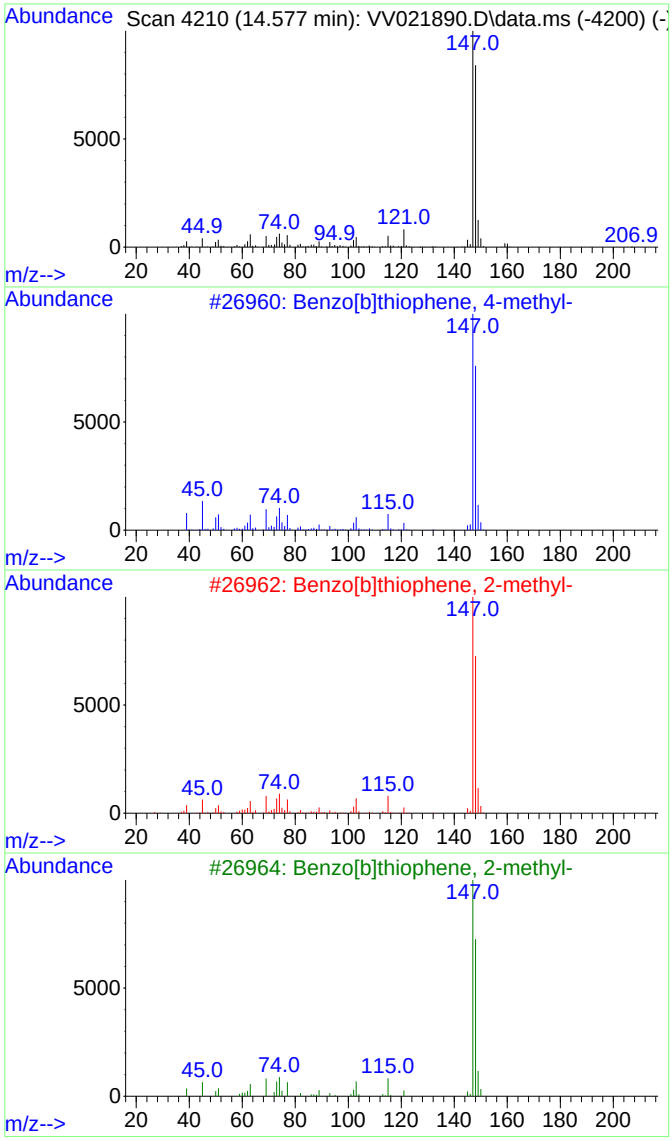
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

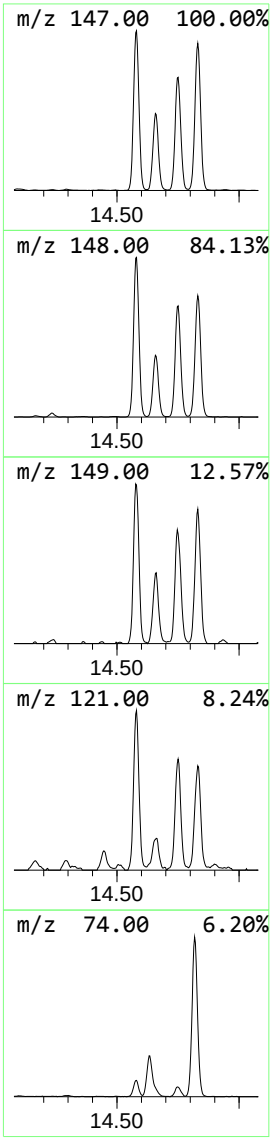
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzo[b]thiophene, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.577	20.29 ug/L	602312	1,4-Dichlorobenzene-d4	11.252

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

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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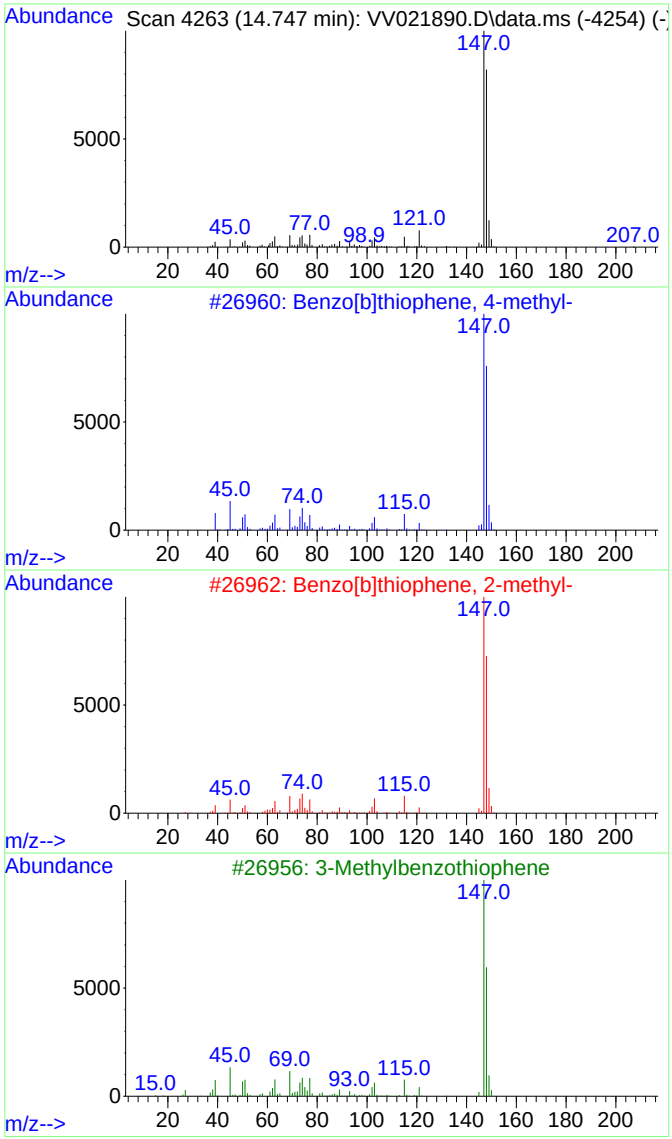
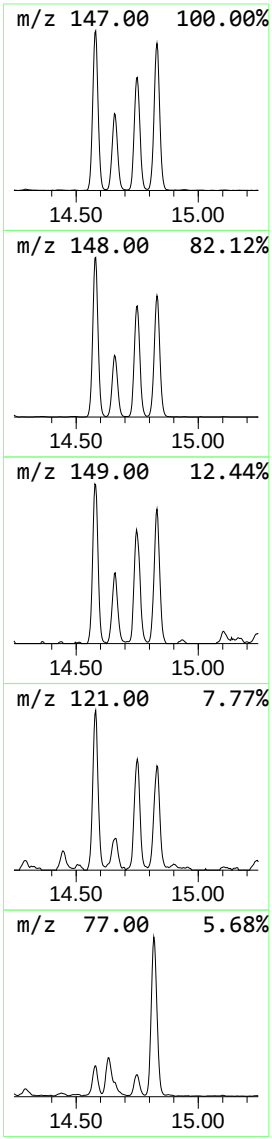
Peak Number 33 Benzo[b]thiophene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.747	14.66 ug/L	435168	1,4-Dichlorobenzene-d4	11.252

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

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

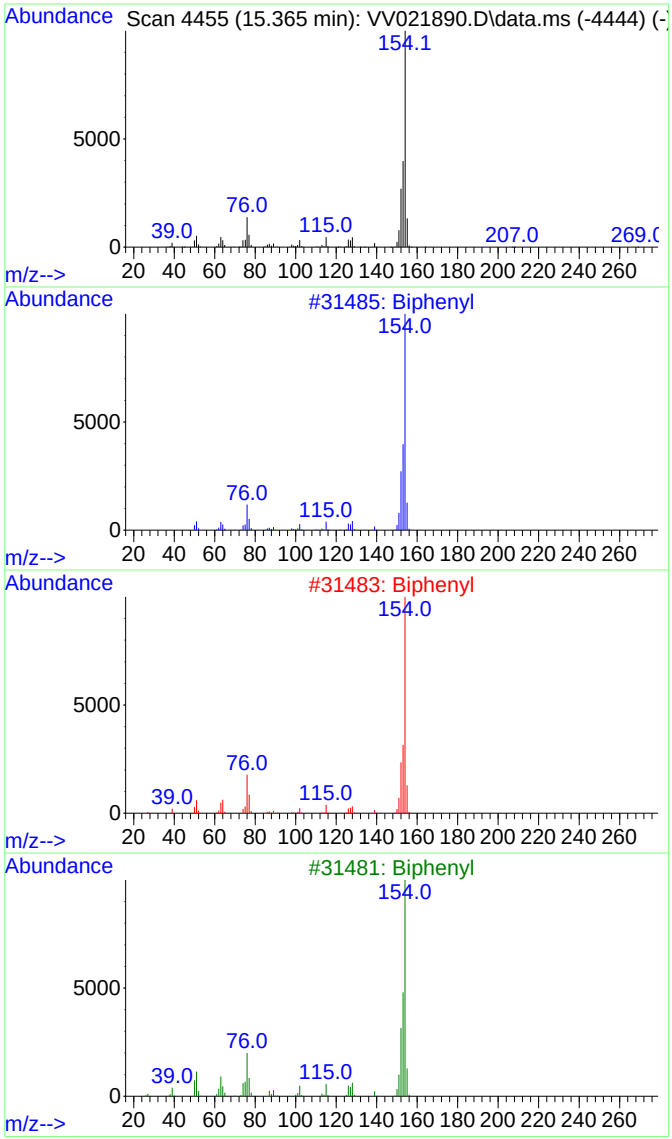
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

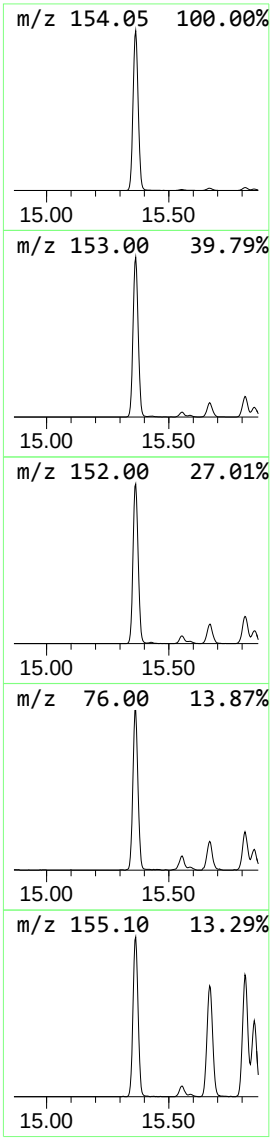
****

Peak Number 35 Biphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	55.30 ug/L	1642010	1,4-Dichlorobenzene-d4	11.252

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	Biphenyl	154	C12H10	000092-52-4	93
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

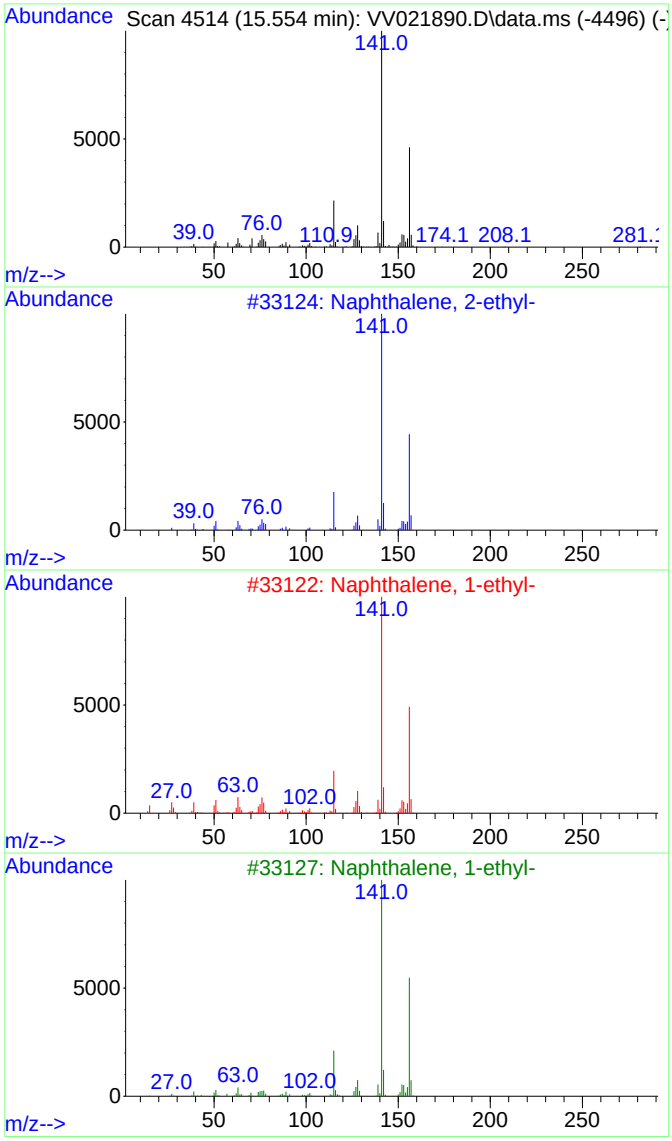
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

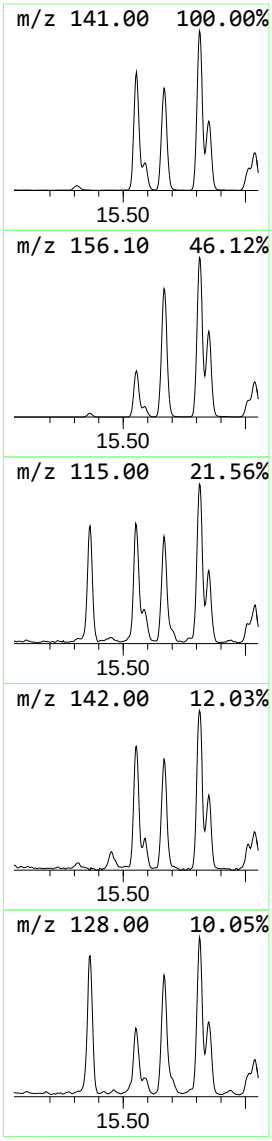
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.554	15.27 ug/L	453256	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

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

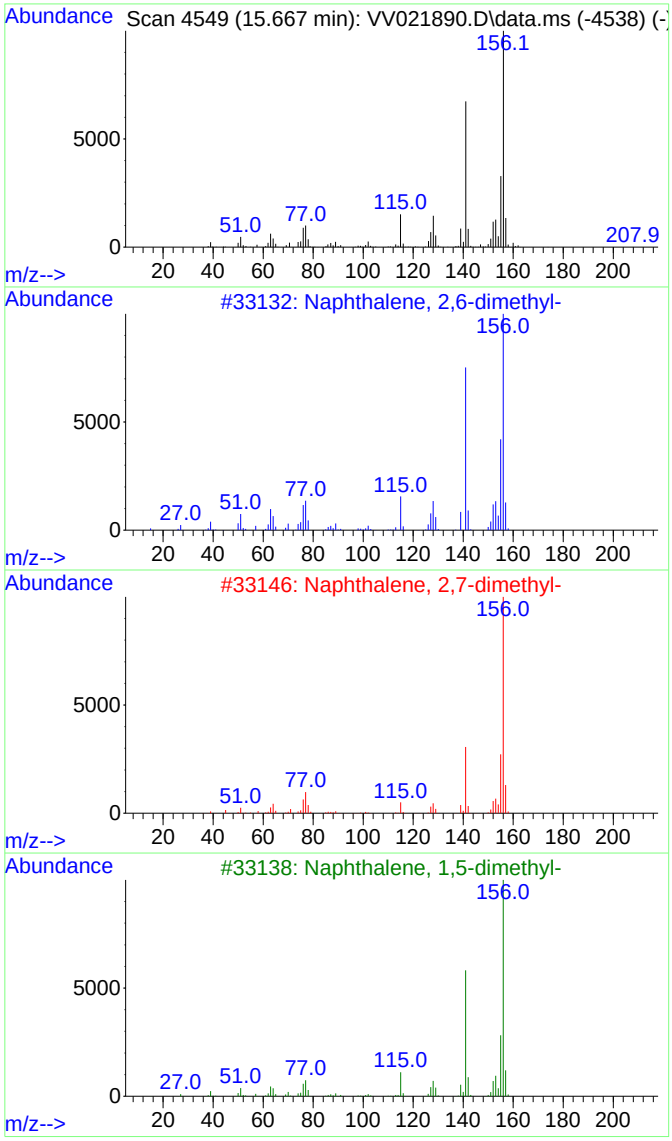
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

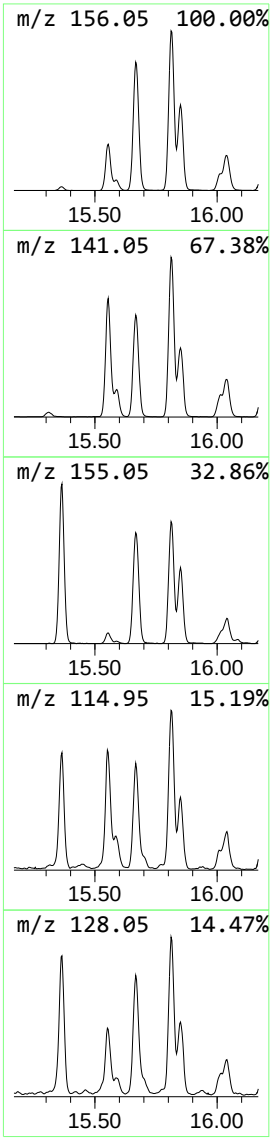
****

Peak Number 37 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.667	27.52 ug/L	817045	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

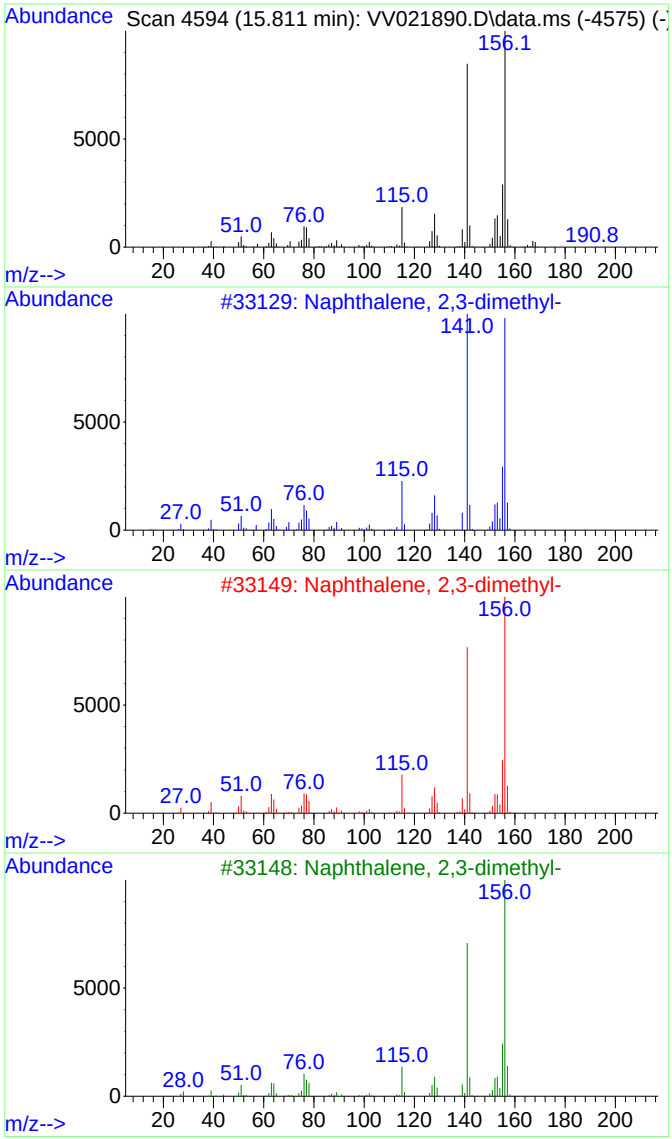
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

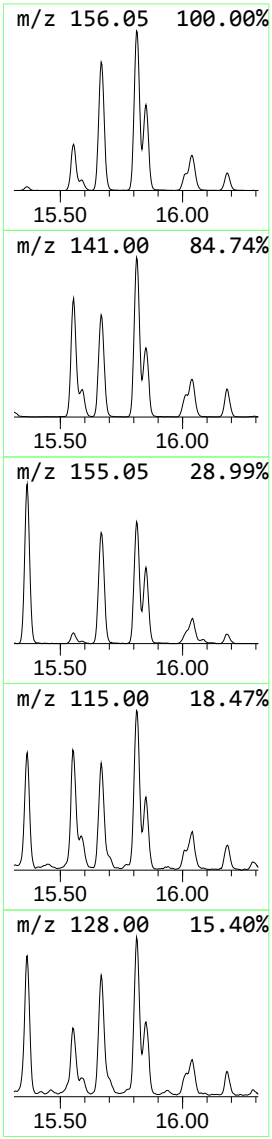
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.811	33.23 ug/L	986527	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	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

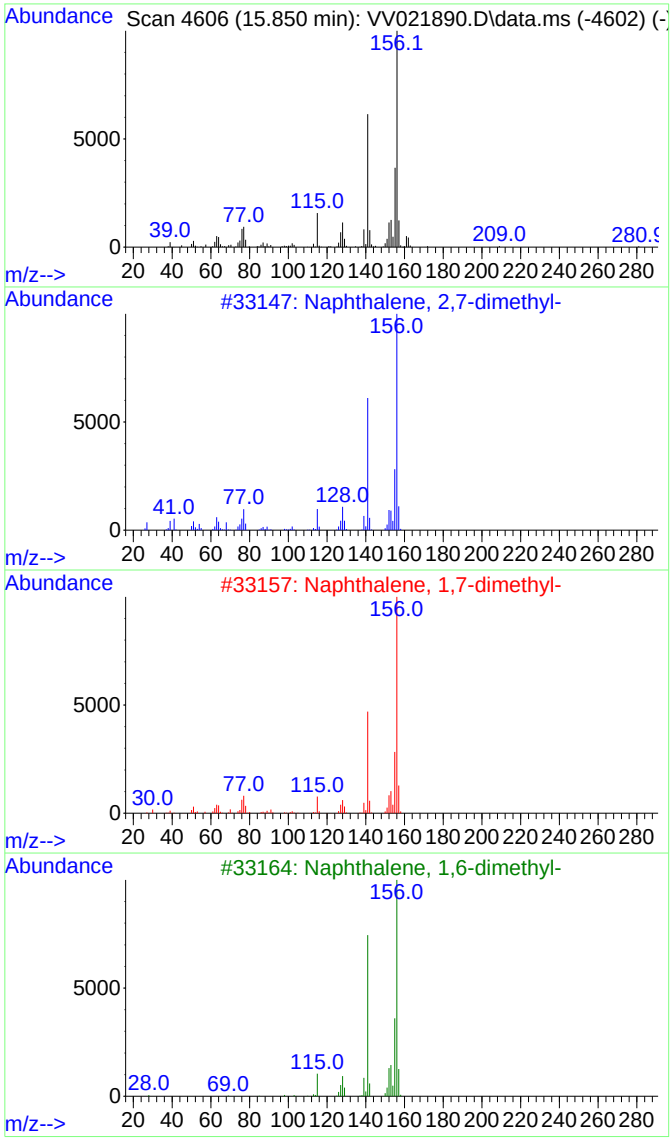
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

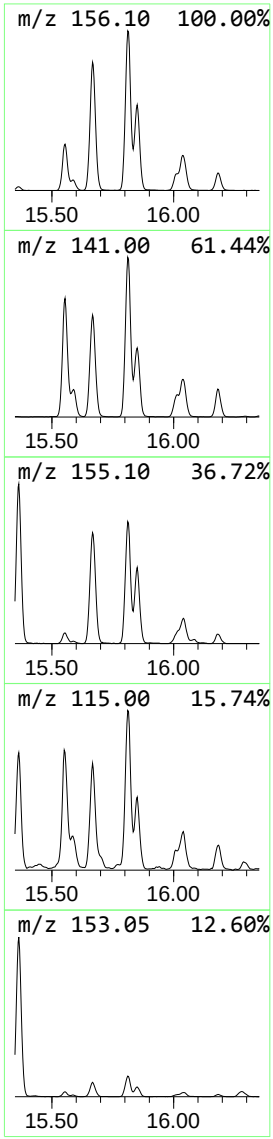
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Naphthalene, 2,7-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.850	14.24 ug/L	422734	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

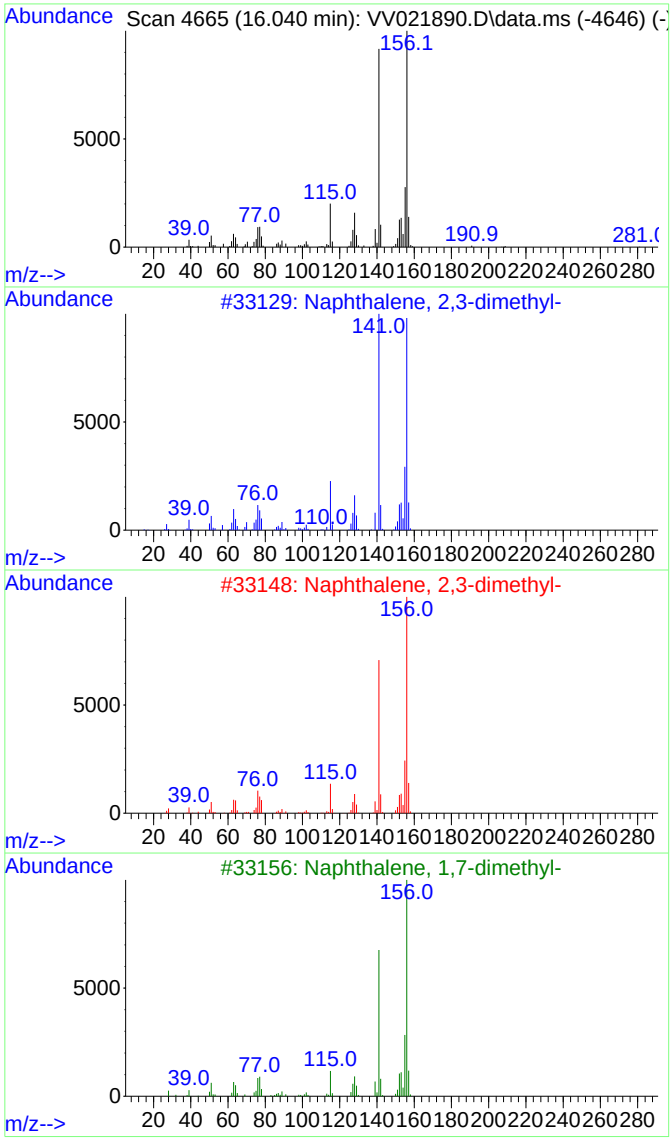
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

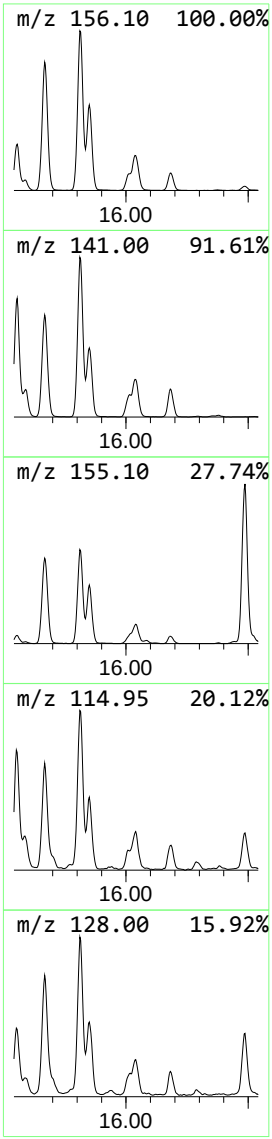
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 1,7-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.040	11.25 ug/L	334022	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	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

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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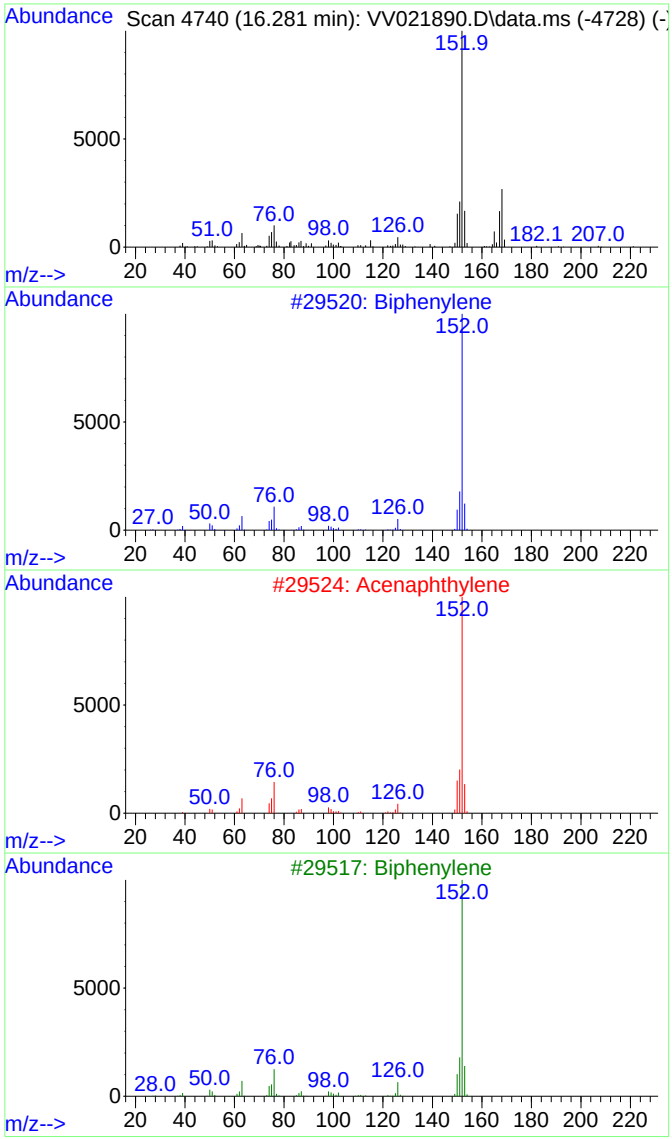
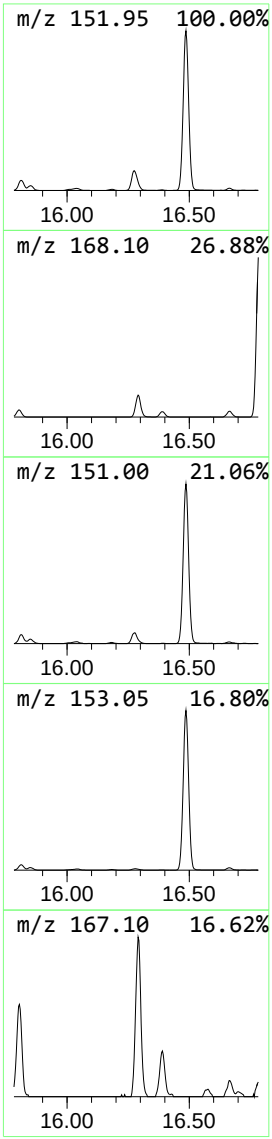
Peak Number 42 Biphenylene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	7.04 ug/L	209066	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	93
2	Acenaphthylene	152	C12H8	000208-96-8	70
3	Biphenylene	152	C12H8	000259-79-0	70
4	Acenaphthylene	152	C12H8	000208-96-8	70
5	Acenaphthylene	152	C12H8	000208-96-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

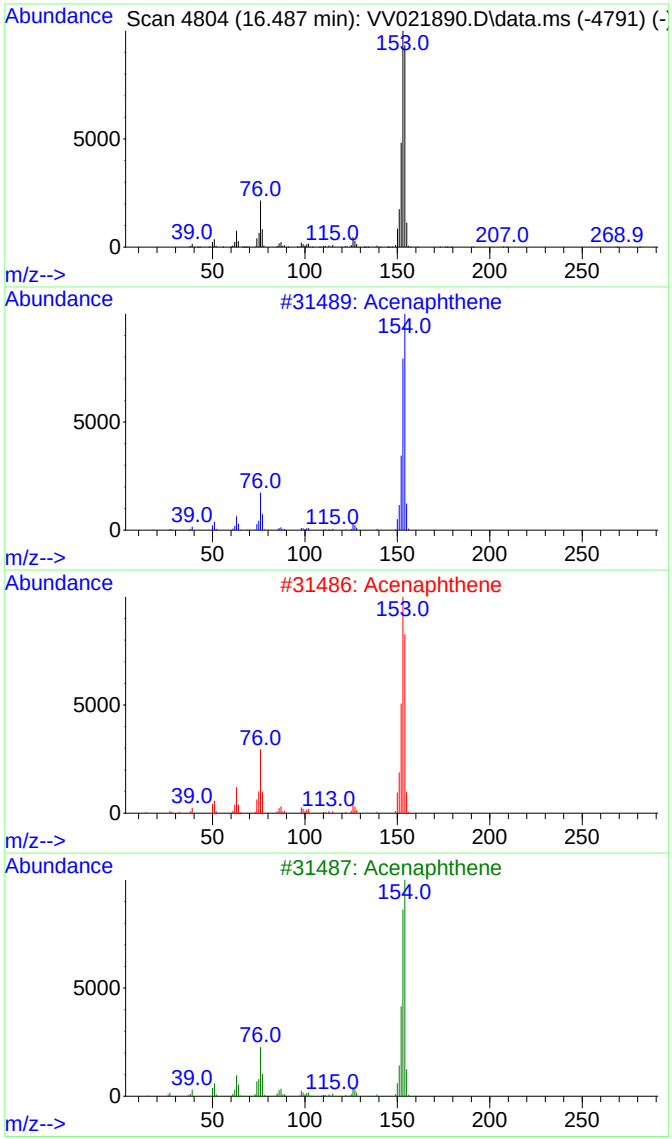
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

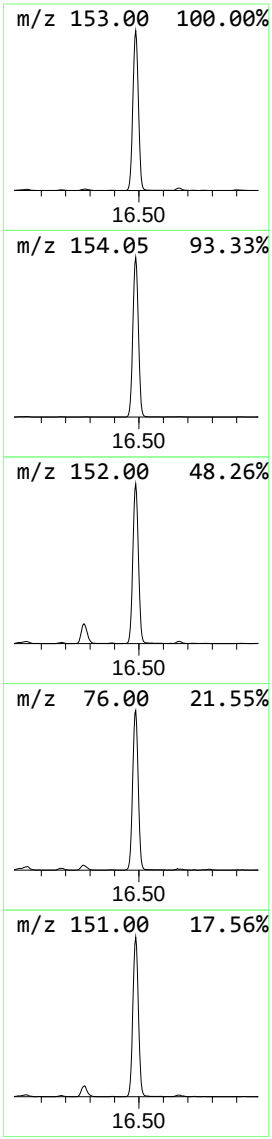
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Naphthalene, 2-ethenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	119.24 ug/L	3540300	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	74
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
5	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKF9

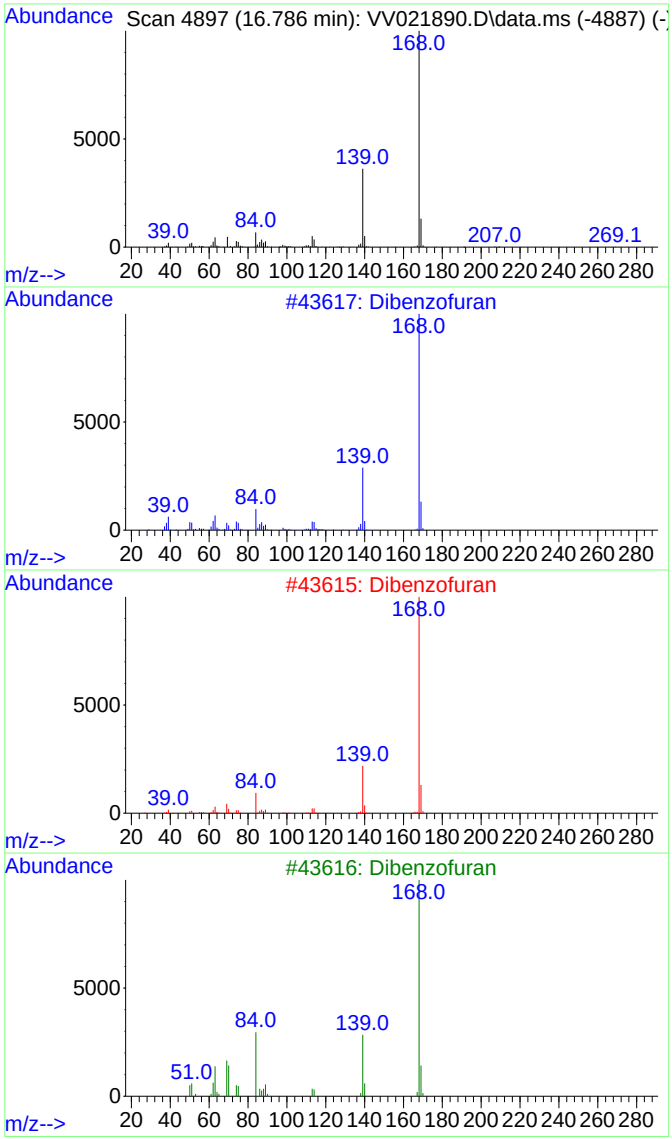
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

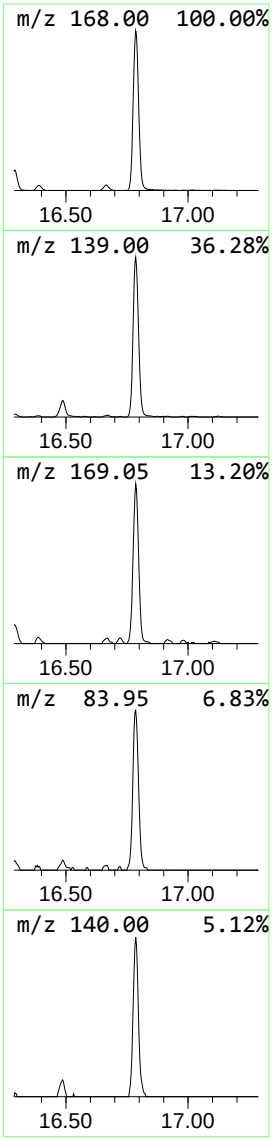
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Dibenzofuran Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	13.29 ug/L	394643	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	90
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	64
5	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021890.D
Acq On : 19 Aug 2021 14:47
Operator : SY/MD
Sample : M3464-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKF9

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-ethy...	10.448	50.2	ug/L	1489970	3	11.252	1484550	50.0
Benzene, 1-ethy...	10.741	15.1	ug/L	448767	3	11.252	1484550	50.0
Benzene, cyclop...	10.989	6.1	ug/L	180439	3	11.252	1484550	50.0
Benzofuran	11.169	227.7	ug/L	6759760	3	11.252	1484550	50.0
Benzene, 1,2,3-...	11.339	36.5	ug/L	1083290	3	11.252	1484550	50.0
Indane	11.532	928.5	ug/L	27568300	3	11.252	1484550	50.0
Indene	11.751	821.4	ug/L	24388500	3	11.252	1484550	50.0
Benzene, 1-ethy...	12.017	8.7	ug/L	256876	3	11.252	1484550	50.0
Benzene, 1-ethe...	12.117	28.4	ug/L	841706	3	11.252	1484550	50.0
Benzofuran, 2-m...	12.358	63.8	ug/L	1894460	3	11.252	1484550	50.0
Benzofuran, 7-m...	12.464	140.7	ug/L	4177040	3	11.252	1484550	50.0
1H-Indene, 2,3-...	12.725	40.5	ug/L	1200860	3	11.252	1484550	50.0
1H-Indene, 2,3-...	12.886	72.9	ug/L	2165200	3	11.252	1484550	50.0
2-Methylindene	12.950	33.0	ug/L	978547	3	11.252	1484550	50.0
Naphthalene, 1,...	13.050	115.9	ug/L	3441480	3	11.252	1484550	50.0
Azulene	13.532	4535.4	ug/L	134661000	3	11.252	1484550	50.0
Benzo[c]thiophene	13.628	371.9	ug/L	11042100	3	11.252	1484550	50.0
Benzene, 2-ethe...	14.095	7.2	ug/L	213335	3	11.252	1484550	50.0
Benzo[b]thiophe...	14.294	7.3	ug/L	216797	3	11.252	1484550	50.0
Benzo[b]thiophe...	14.577	20.3	ug/L	602312	3	11.252	1484550	50.0
Benzo[b]thiophe...	14.747	14.7	ug/L	435168	3	11.252	1484550	50.0
Biphenyl	15.365	55.3	ug/L	1642010	3	11.252	1484550	50.0
Naphthalene, 2-...	15.554	15.3	ug/L	453256	3	11.252	1484550	50.0
Naphthalene, 2,...	15.667	27.5	ug/L	817045	3	11.252	1484550	50.0
Naphthalene, 2,...	15.811	33.2	ug/L	986527	3	11.252	1484550	50.0
Naphthalene, 2,...	15.850	14.2	ug/L	422734	3	11.252	1484550	50.0
Naphthalene, 1,...	16.040	11.3	ug/L	334022	3	11.252	1484550	50.0
Biphenylene	16.281	7.0	ug/L	209066	3	11.252	1484550	50.0
Naphthalene, 2-...	16.487	119.2	ug/L	3540300	3	11.252	1484550	50.0
Dibenzofuran	16.786	13.3	ug/L	394643	3	11.252	1484550	50.0