LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

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\SFAMVLM082721WMA.M
Title : VOC Analysis

Signal : TIC: VV022105.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	103	rVB	123155	130519	0.38%	0.191%
2	1.568	157	164	177	rVB	114072	128278	0.38%	0.188%
3	2.105	322	331	358	rBV	231048	342781	1.01%	0.503%
4	2.429	429	432	433	rBV	433	215	0.00%	0.000%
5	2.577	474	478	482	rBV3	516	375	0.00%	0.001%
6	2.603	483	486	489	rVV3	320	188	0.00%	0.000%
7	2.873	568	570	572	rBV	420	204	0.00%	0.000%
8	2.941	584	591	594	rVB2	432	384	0.00%	0.001%
9	2.957	594	596	599	rBV2	447	284	0.00%	0.000%
10	3.053	622	626	629	rBV3	513	351	0.00%	0.001%
11	3.240	683	684	689	rVB2	357	183	0.00%	0.000%
12	3.381	723	728	730	rBV2	240	168	0.00%	0.000%
13	3.458	750	752	756	rVB2	369	209	0.00%	0.000%
14	3.667	811	817	822	rVB2	291	310	0.00%	0.000%
15	3.735	834	838	840	rBV	400	207	0.00%	0.000%
16	3.796	854	857	858	rVV2	457	205	0.00%	0.000%
17	3.850	872	874	877	rBV	377	198	0.00%	0.000%
18	3.895	877	888	930	rBV2	84632	271340	0.80%	0.398%
19	4.352	1015	1030	1060	rVB	172026	425283	1.25%	0.623%
20	4.616	1108	1112	1114	rBV3	435	298	0.00%	0.000%
21	4.658	1123	1125	1128	rVB2	458	247	0.00%	0.000%
22	4.680	1129	1132	1134	rVV4	510	338	0.00%	0.000%
23	4.712	1138	1142	1144	rBV3	388	247	0.00%	0.000%
24	4.780	1158	1163	1165	rBV	360	236	0.00%	0.000%
25	4.822	1173	1176	1177	rBV	380	200	0.00%	0.000%
26	5.050	1229	1247	1255	rBV2	431264	1054796	3.10%	1.546%
27	5.371	1338	1347	1365	rVB2	3069	7778	0.02%	0.011%
28	5.484	1380	1382	1383	rVB2	542	169	0.00%	0.000%
29	5.497	1383	1386	1388	rBV	352	234	0.00%	0.000%
30	5.510	1388	1390	1392	rBV2	298	166	0.00%	0.000%
31	5.619	1411	1424	1454	rBV	391484	787358	2.32%	1.154%
32	5.870	1496	1502	1505	rBV3	508	415	0.00%	0.001%
33	5.915	1505	1516	1527	rBV5	7845	16256	0.05%	0.024%
34	6.072	1550	1565	1590	rBV	243039	494780	1.46%	0.725%
35	6.378	1658	1660	1663	rVB2	431	169	0.00%	0.000%
36	6.420	1671	1673	1676	rVB	458	195	0.00%	0.000%

LSC Area Percent Report

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Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

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\SFAMVLM082721WMA.M
Title : VOC Analysis

37	6.532	1704	1708	1711	rBV2	388	324	0.00%	0.000%
38	6.548	1711	1713	1715	rBV	308	186	0.00%	0.000%
39	6.645	1738	1743	1744	rBV2	441	378	0.00%	0.001%
40	6.719	1764	1766	1771	rVB3	558	334	0.00%	0.000%
41	6.989	1839	1850	1872	rBV	124009	228556	0.67%	0.335%
42	7.265	1934	1936	1939	rBV3	378	212	0.00%	0.000%
43	7.317	1940	1952	1966	rVV	494968	852579	2.51%	1.250%
44	7.391	1968	1975	2001	rVB	145091	258394	0.76%	0.379%
45	7.625	2038	2048	2065	rBV	86245	150812	0.44%	0.221%
46	7.908	2132	2136	2138	rBV2	380	247	0.00%	0.000%
47	7.944	2138	2147	2154	rBV2	2603	4375	0.01%	0.006%
48	8.091	2183	2193	2231	rBV	322107	571182	1.68%	0.837%
49	8.497	2316	2319	2324	rVB2	492	319	0.00%	0.000%
50	8.853	2418	2430	2450	rBV	586421	951913	2.80%	1.396%
51	9.014	2468	2480	2504	rBV	752880	1152955	3.39%	1.690%
52	9.140	2509	2519	2543	rVB	280558	465381	1.37%	0.682%
53	9.320	2567	2575	2587	rVB8	3608	6980	0.02%	0.010%
54	9.368	2587	2590	2593	rVV2	355	226	0.00%	0.000%
55	9.503	2626	2632	2634	rBV4	3181	3203	0.01%	0.005%
56	9.545	2635	2645	2676	rVB2	407416	729248	2.15%	1.069%
57	9.741	2703	2706	2709	rVB2	699	438	0.00%	0.001%
58	9.863	2740	2744	2746	rBV3	333	230	0.00%	0.000%
59	9.937	2756	2767	2777	rBV	21353	32444	0.10%	0.048%
60	10.027	2787	2795	2809	rBV5	4745	8648	0.03%	0.013%
61	10.101	2815	2818	2819	rBV2	319	183	0.00%	0.000%
62	10.217	2842	2854	2873	rBV	367997	575999	1.69%	0.844%
63	10.358	2891	2898	2905	rBV2	8910	13842	0.04%	0.020%
64	10.451	2917	2927	2945	rBV	74755	161854	0.48%	0.237%
65	10.542	2946	2955	2971	rVB	68710	103518	0.30%	0.152%
66	10.638	2983	2985	2988	rVB2	372	198	0.00%	0.000%
67	10.660	2988	2992	2994	rBV	771	502	0.00%	0.001%
68	10.741	3008	3017	3026	rBV	43213	67789	0.20%	0.099%
69	10.818	3038	3041	3043	rBV2	338	240	0.00%	0.000%
70	10.918	3055	3072	3086	rBV	225564	347528	1.02%	0.509%
71	10.992	3087	3095	3103	rBV	26008	40729	0.12%	0.060%
72	11.172	3139	3151	3165	rBV	1197095	1841633	5.42%	2.700%
73	11.249	3166	3175	3193	rVV	683229	1050911	3.09%	1.541%
74	11.339	3193	3203	3216	rVB	124675	197637	0.58%	0.290%
75	11.529	3250	3262	3281	rBV	1150248	1724875	5.07%	2.529%
76	11.625	3282	3292	3313	rVB	588927	929381	2.73%	1.363%

LSC Area Percent Report

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Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

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\SFAMVLM082721WMA.M
Title : VOC Analysis

77	11.747	3317	3330	3349	rBV	4943275	7401246	21.78%	10.851%
78	12.021	3408	3415	3419	rBV	23484	31282	0.09%	0.046%
79	12.117	3435	3445	3463	rVB	106718	171709	0.51%	0.252%
80	12.252	3481	3487	3496	rVB8	6268	9857	0.03%	0.014%
81	12.361	3512	3521	3532	rBV	176252	274348	0.81%	0.402%
82	12.464	3543	3553	3564	rBV	457497	840507	2.47%	1.232%
83	12.725	3625	3634	3652	rVB	142419	219365	0.65%	0.322%
84	12.789	3652	3654	3656	rBV2	1039	615	0.00%	0.001%
85	12.885	3674	3684	3694	rVV2	243183	370592	1.09%	0.543%
86	12.950	3696	3704	3717	rVB2	84204	129859	0.38%	0.190%
87	13.049	3723	3735	3752	rVB3	571229	908196	2.67%	1.331%
88	13.271	3797	3804	3811	rBV5	11091	17902	0.05%	0.026%
89	13.509	3863	3878	3901	rBV	20724831	33988860	100.00%	49.830%
90	13.622	3903	3913	3926	rVV	1329079	1974073	5.81%	2.894%
91	13.911	3995	4003	4015	rBV3	13479	23649	0.07%	0.035%
92	14.091	4050	4059	4071	rBV5	18430	38533	0.11%	0.056%
93	14.577	4201	4210	4218	rBV	93987	146158	0.43%	0.214%
94	14.631	4218	4227	4253	rVB	513543	853718	2.51%	1.252%
95	14.750	4254	4264	4273	rBV	61632	97648	0.29%	0.143%
96	14.815	4273	4284	4301	rVV	2015172	3138765	9.23%	4.602%
97	15.364	4445	4455	4468	rVB	212458	323591	0.95%	0.474%
98	15.667	4540	4549	4570	rVB2	80209	150404	0.44%	0.221%
99	15.811	4585	4594	4601	rBV	135782	207475	0.61%	0.304%
100	16.487	4793	4804	4823	rBV	486872	749671	2.21%	1.099%

Sum of corrected areas: 68209970

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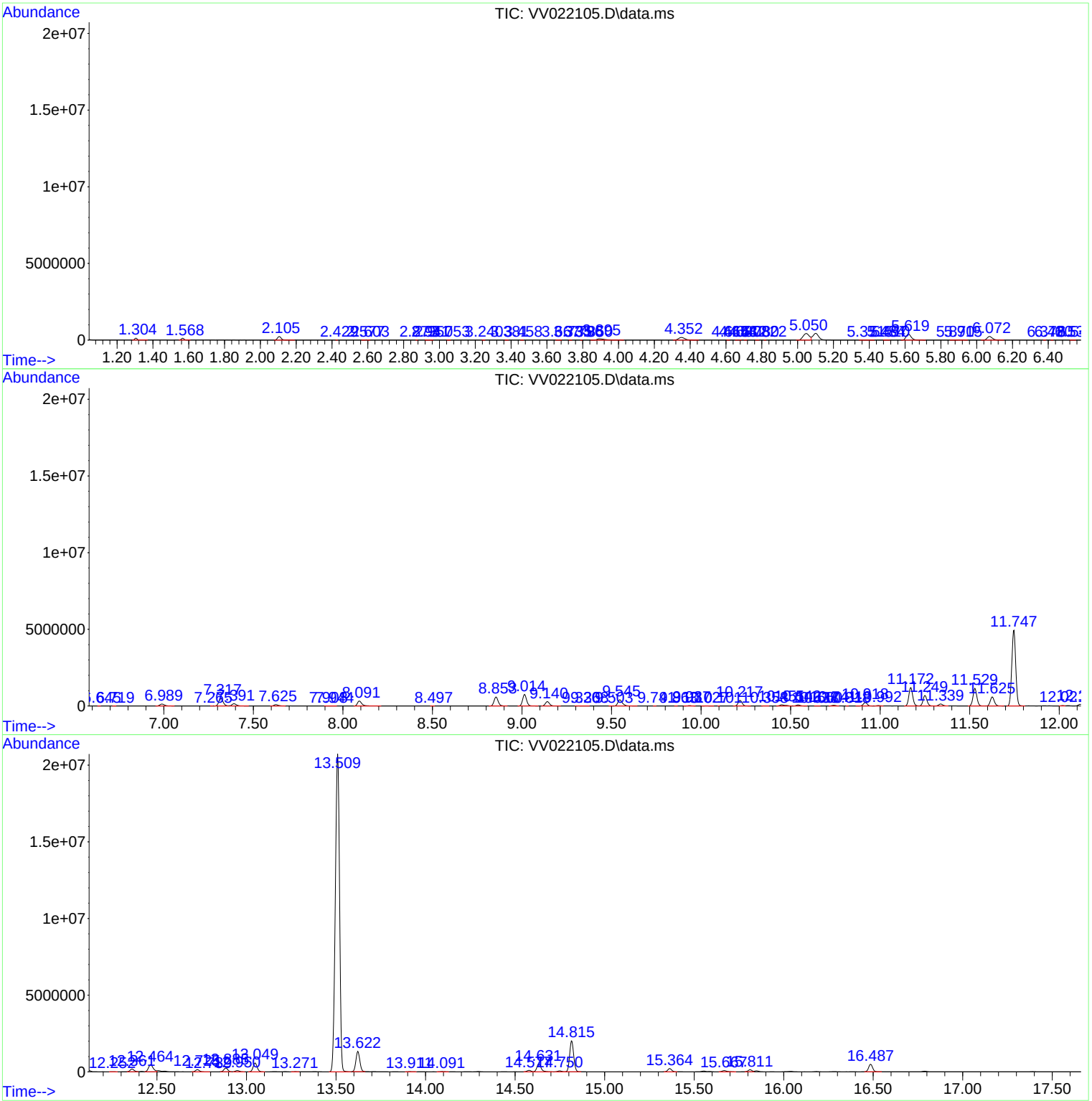
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

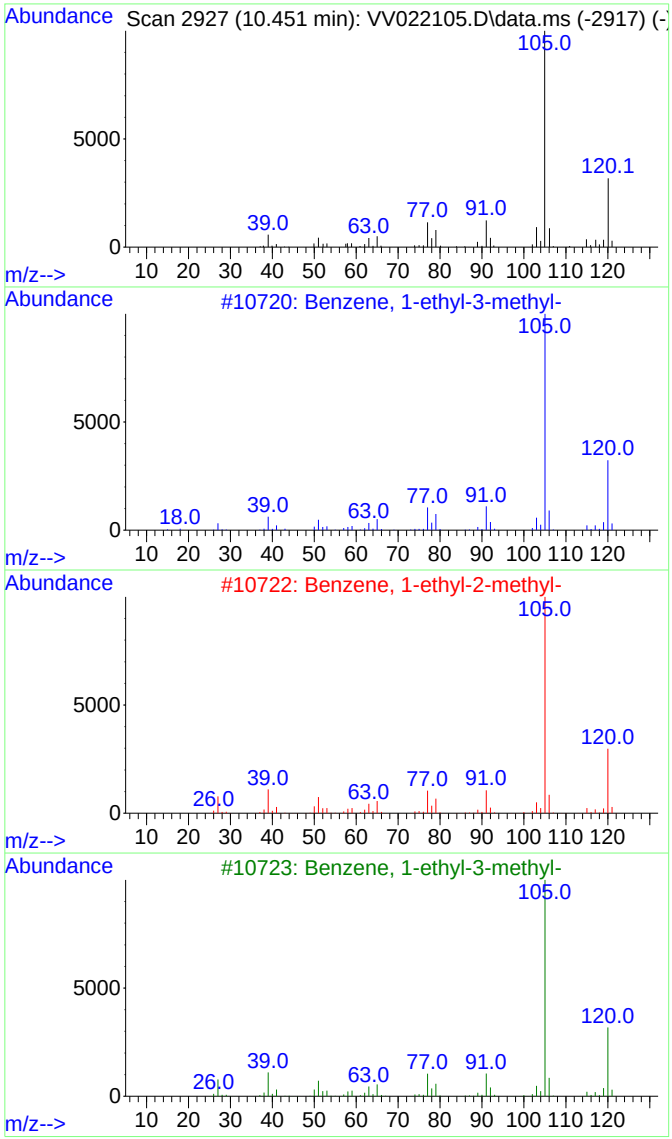
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

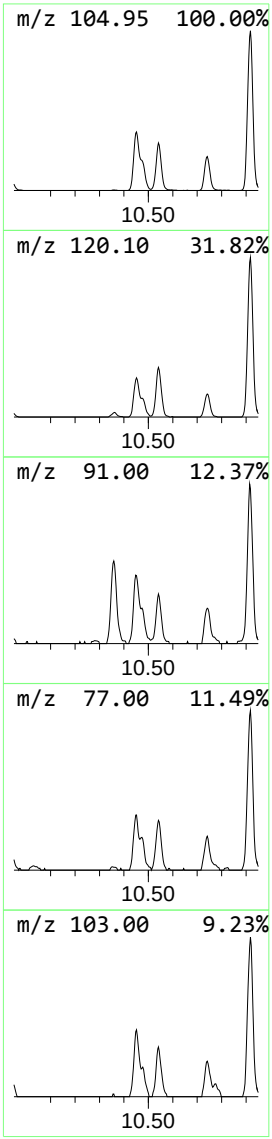
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	7.70 ug/L	161854	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

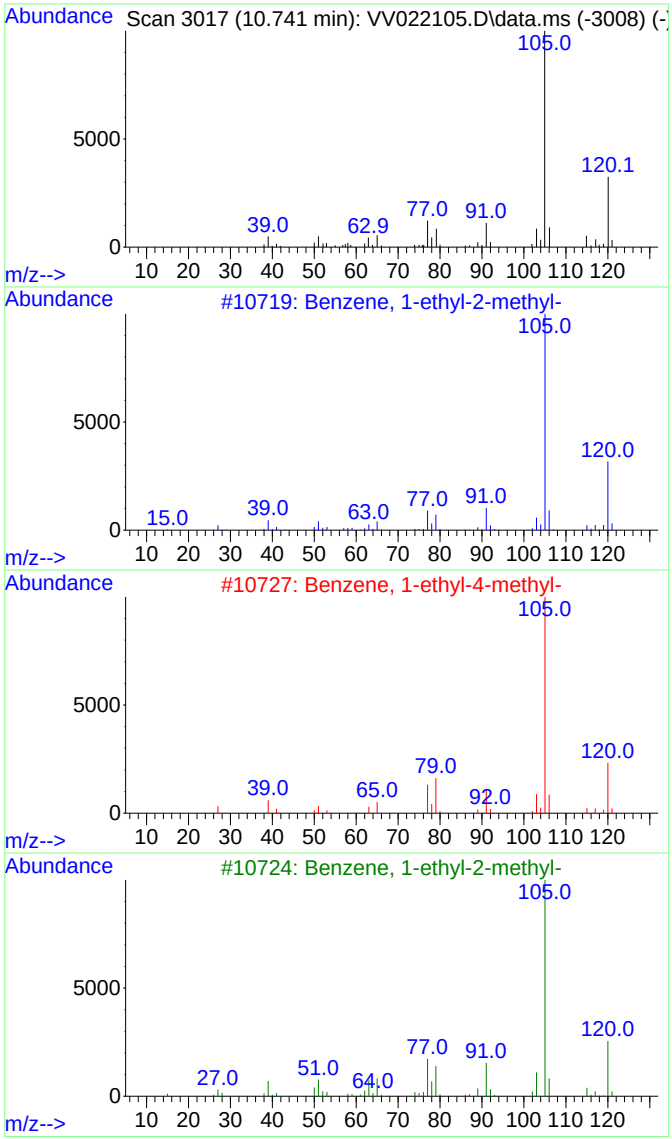
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

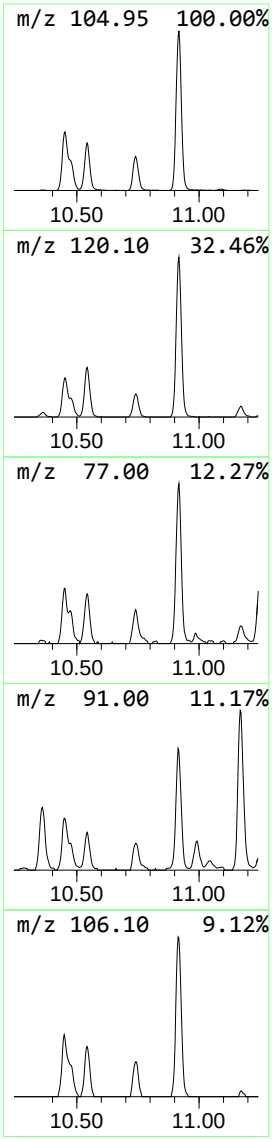
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.741	3.23 ug/L	67789	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	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

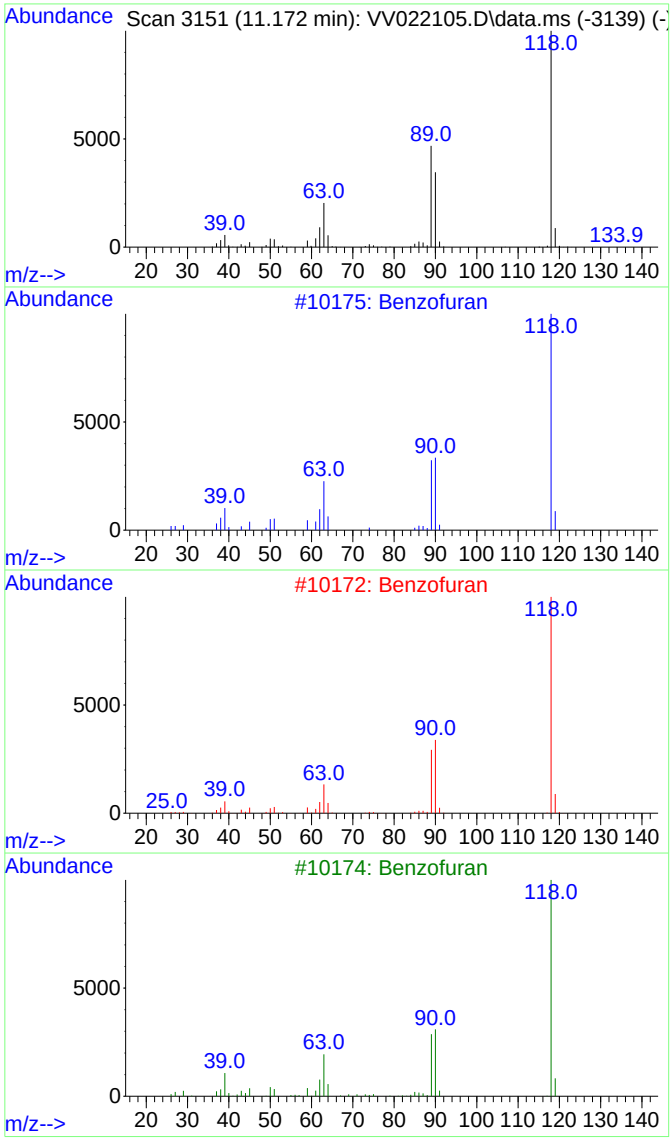
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

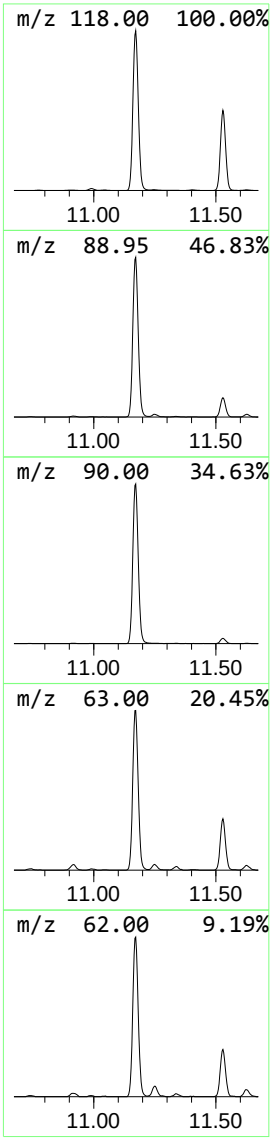
****

Peak Number 4 Benzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.172	87.62 ug/L	1841630	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Benzofuran	118	C8H6O	000271-89-6	87
3	Benzofuran	118	C8H6O	000271-89-6	86
4	Benzofuran	118	C8H6O	000271-89-6	83
5	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	64





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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

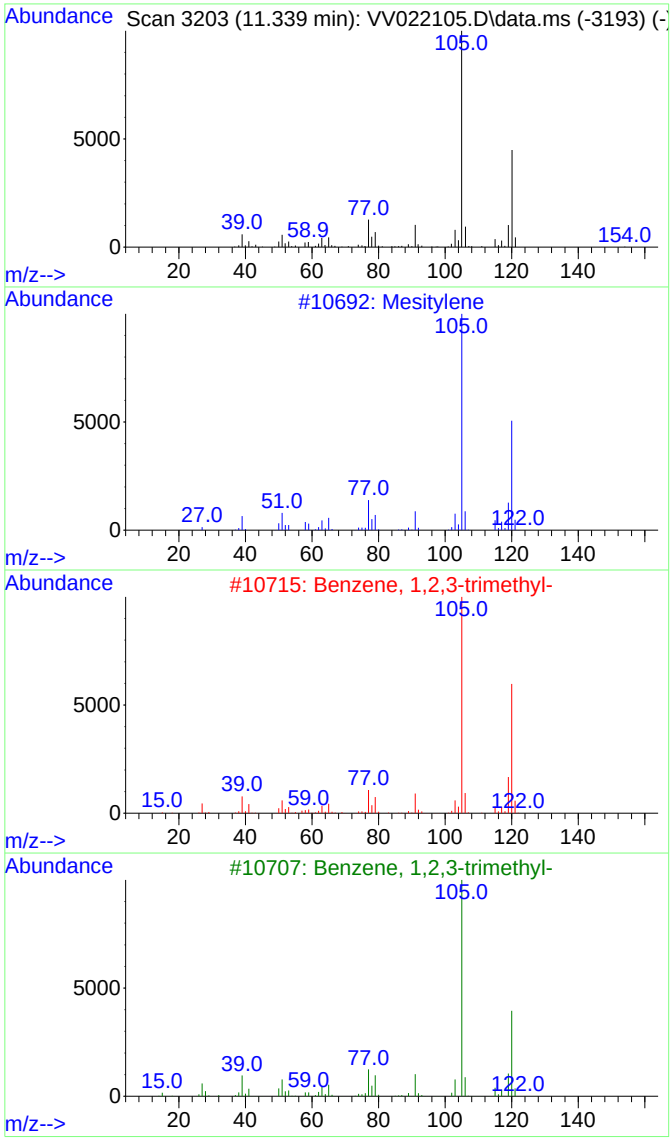
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

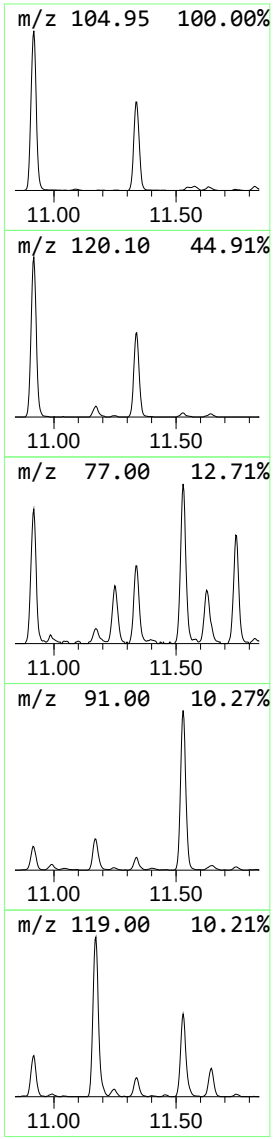
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	9.40 ug/L	197637	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	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

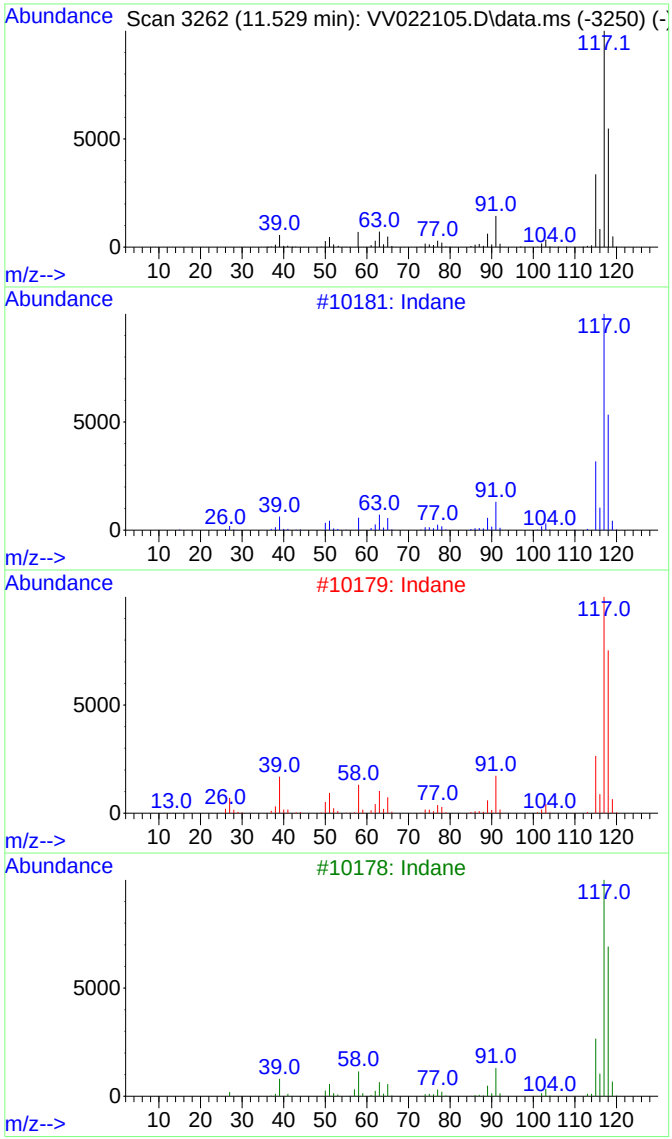
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

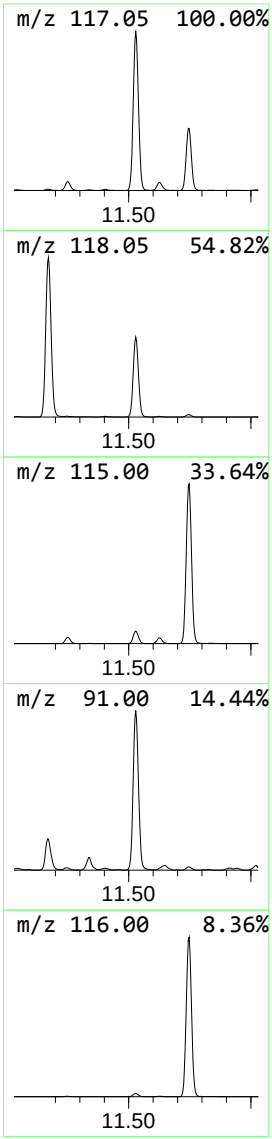
****

Peak Number 6 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	82.07 ug/L	1724880	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	91
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Deltacyclene	118	C9H10	007785-10-6	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKK9

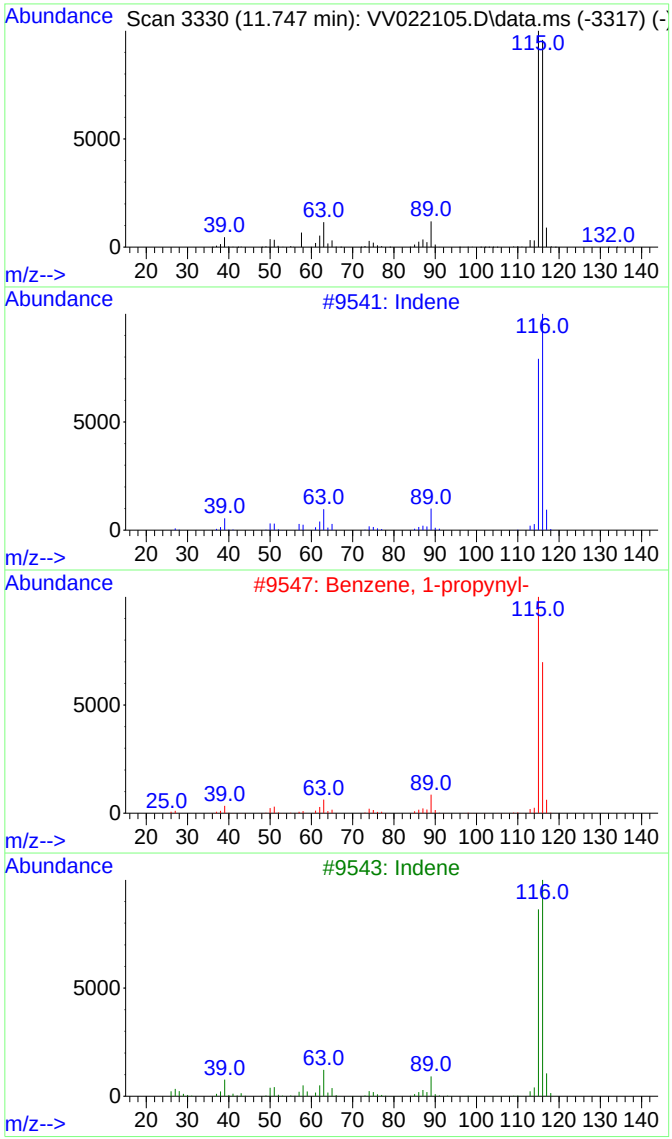
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

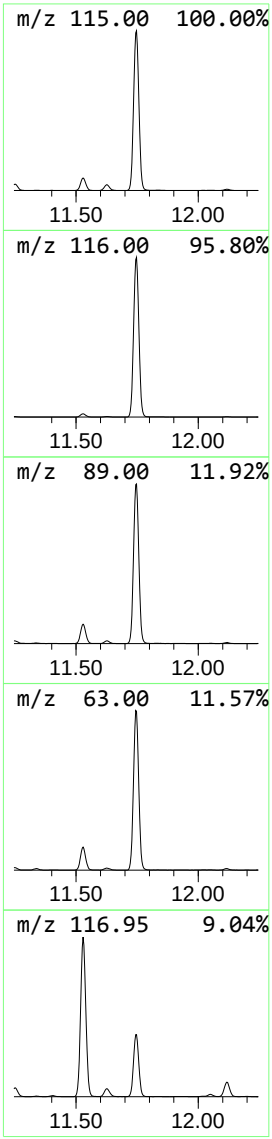
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.747	352.13 ug/L	7401250	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	93
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





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Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

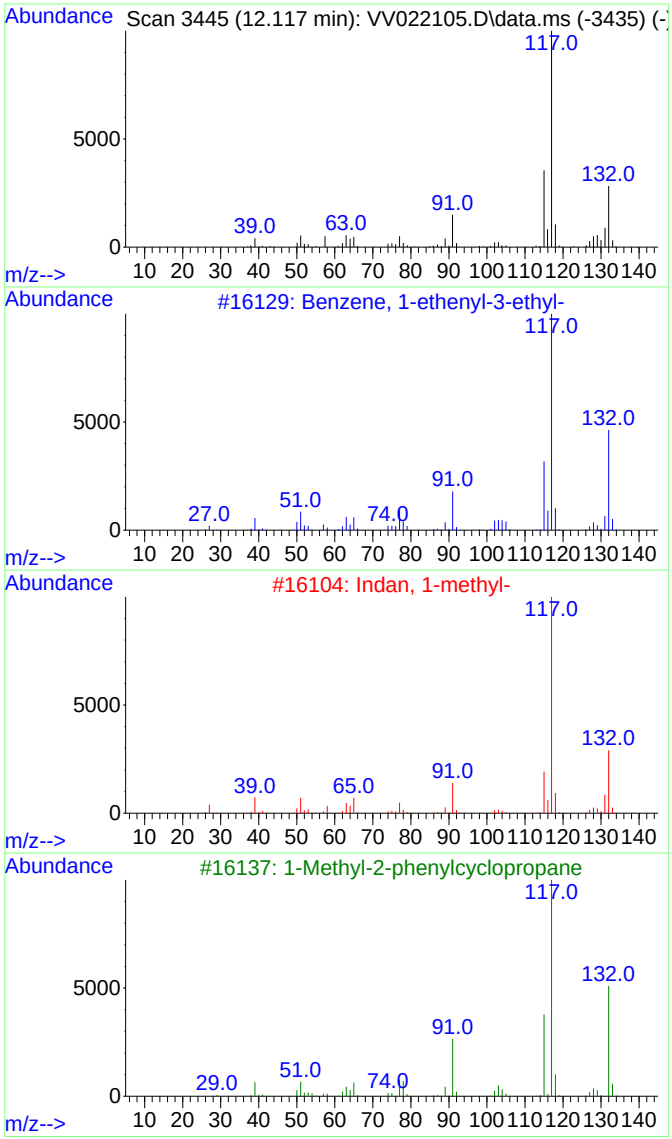
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

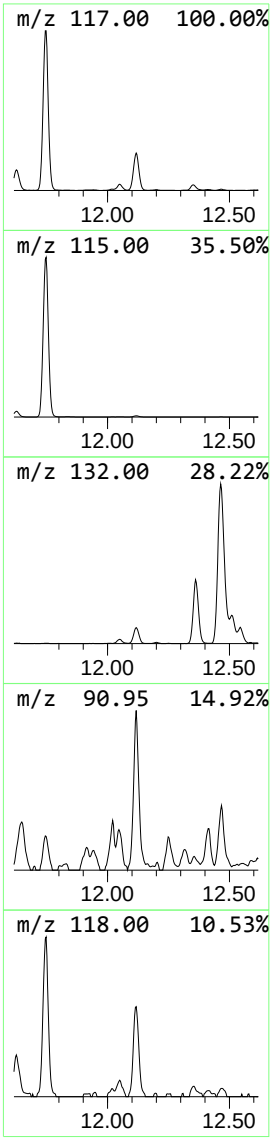
****

Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.117	8.17 ug/L	171709	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	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





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Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

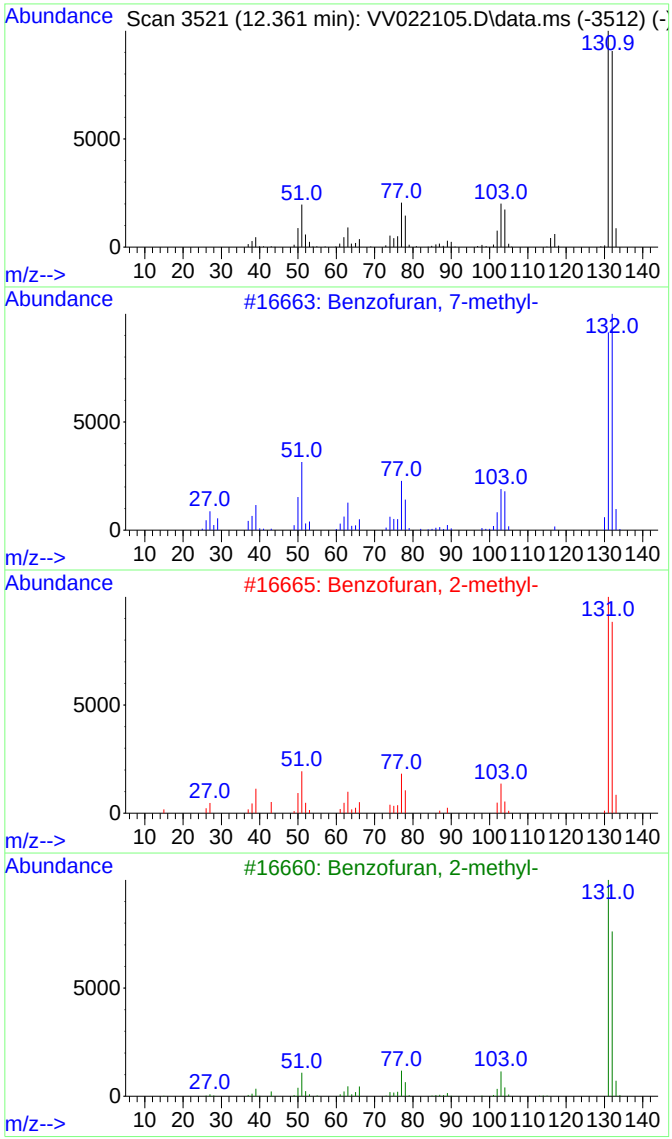
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

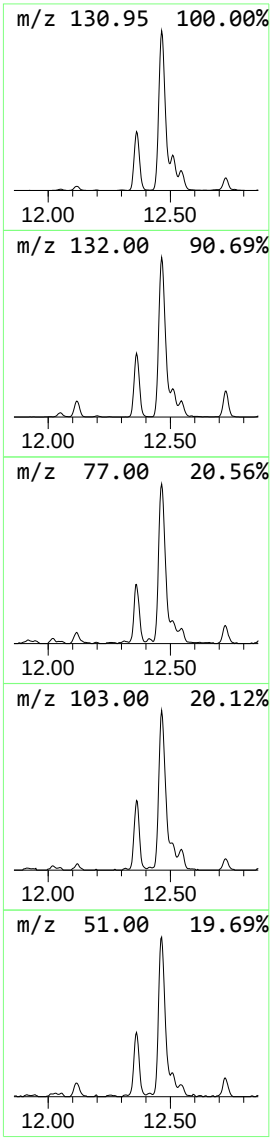
****

Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	13.05 ug/L	274348	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	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	1H-Indenol	132	C9H8O	056631-57-3	90





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Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKK9

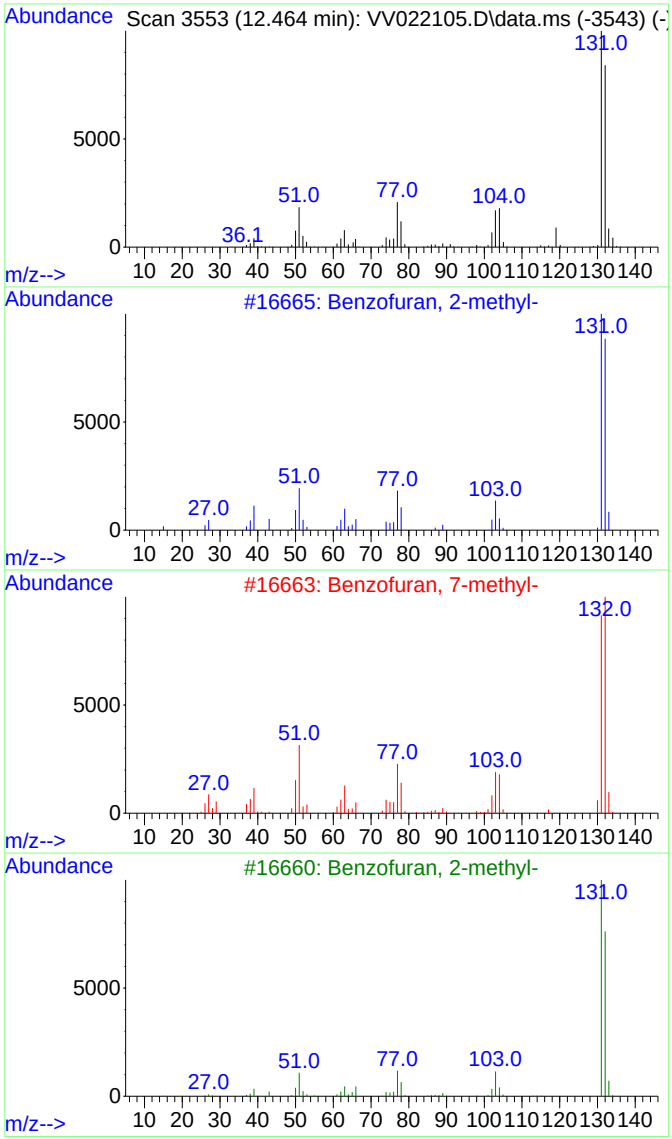
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

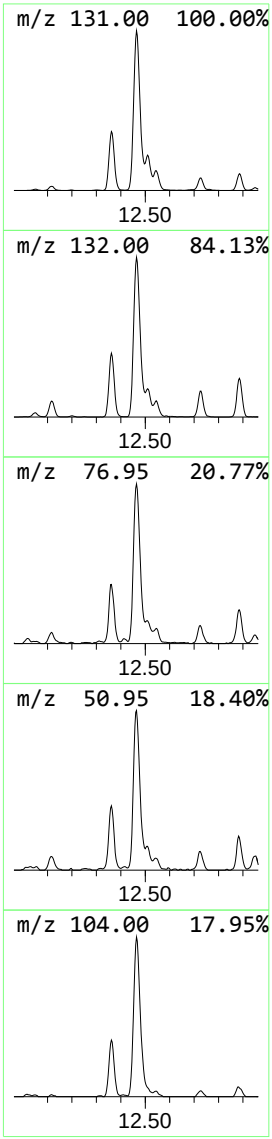
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	39.99 ug/L	840507	1,4-Dichlorobenzene-d4	11.252

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	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





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Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

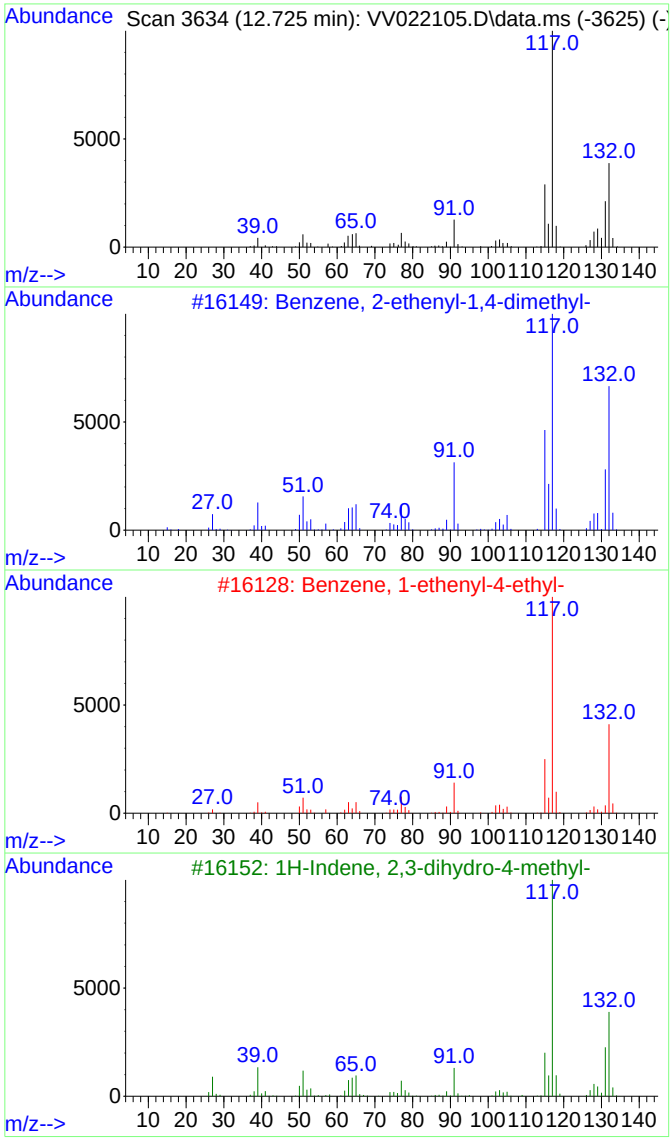
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

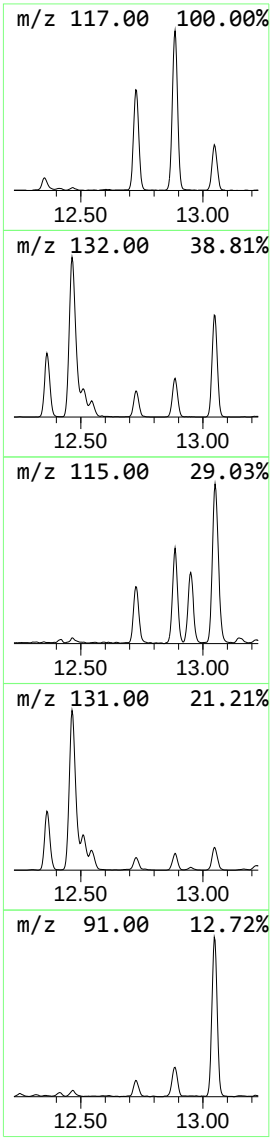
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	10.44 ug/L	219365	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	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





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Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

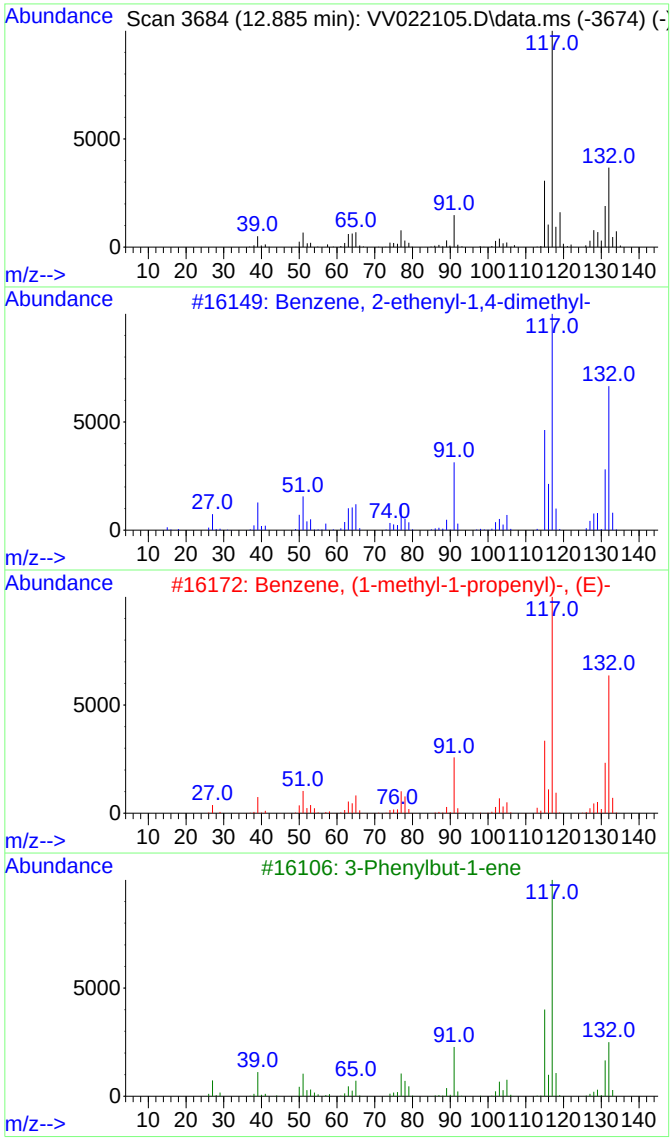
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

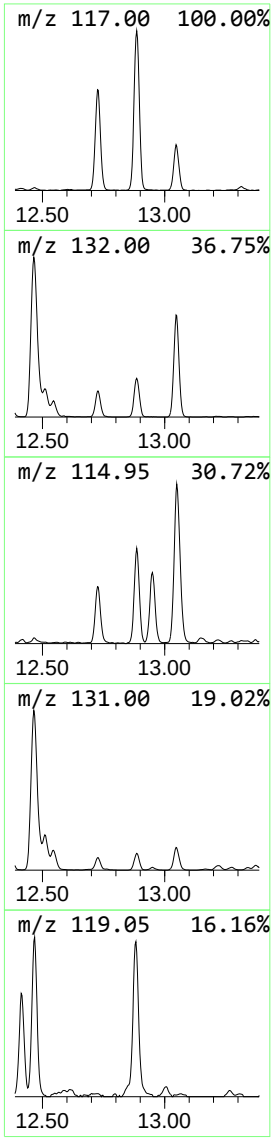
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (1-methyl-1-propen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	17.63 ug/L	370592	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	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





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Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

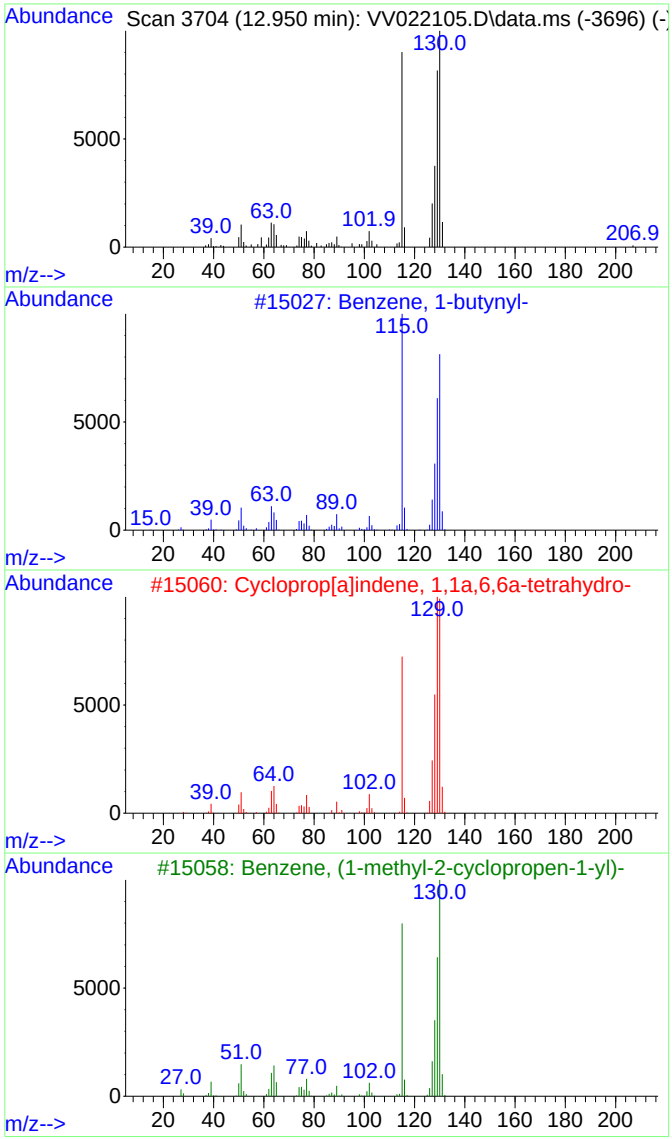
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

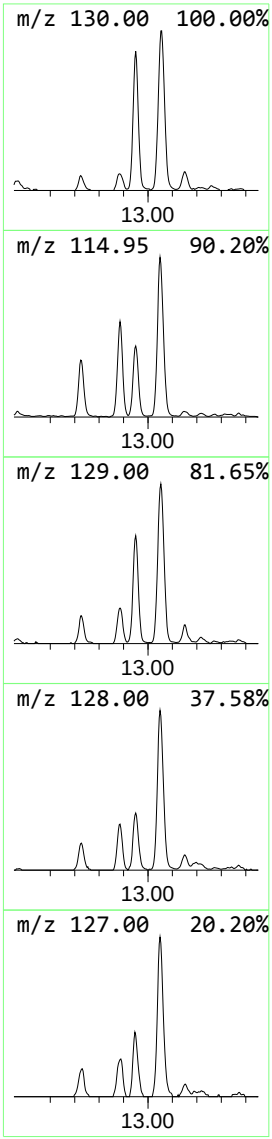
****

Peak Number 13 Benzene, 1-butynyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.950	6.18 ug/L	129859	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	2-Methylindene	130	C10H10	002177-47-1	94





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Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

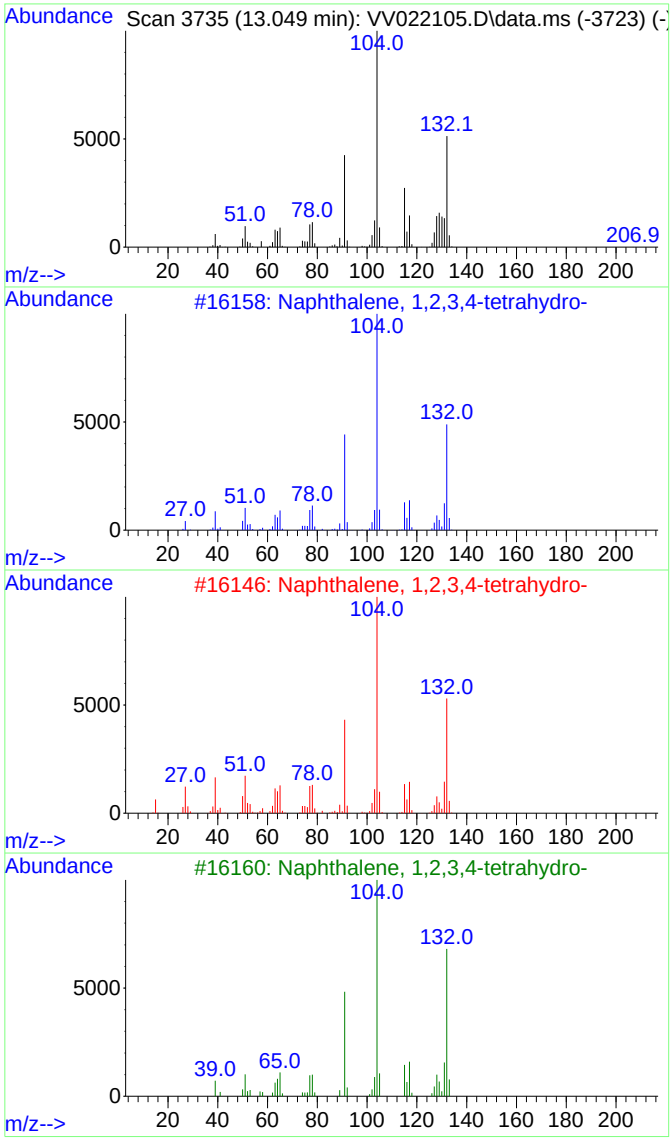
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

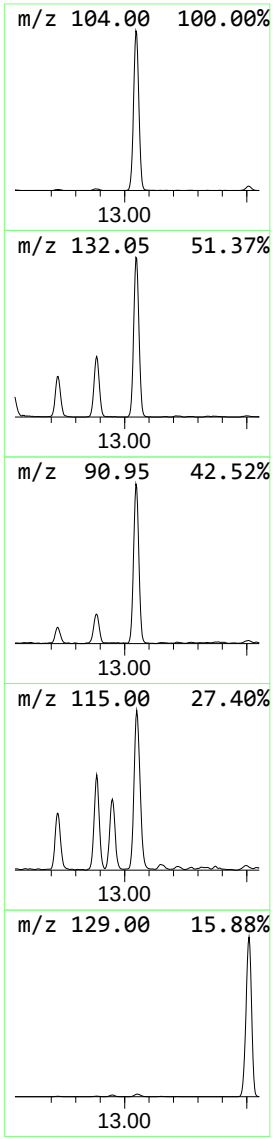
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	43.21 ug/L	908196	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	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95





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Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

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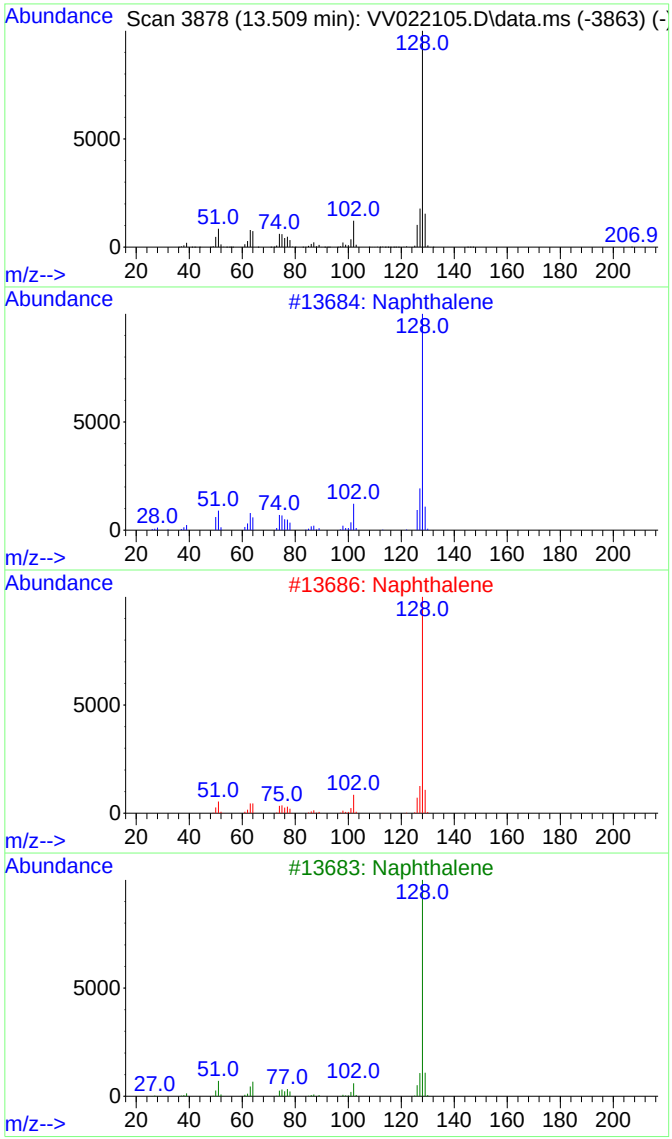
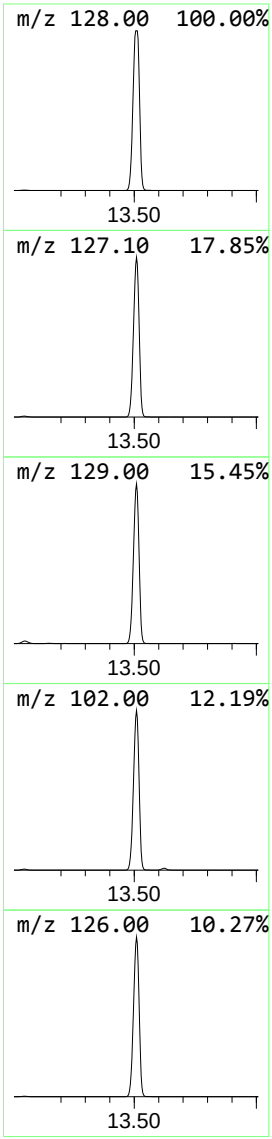
Peak Number 15 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.509	1617.11 ug/L	33988900	1,4-Dichlorobenzene-d4	11.252

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





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Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

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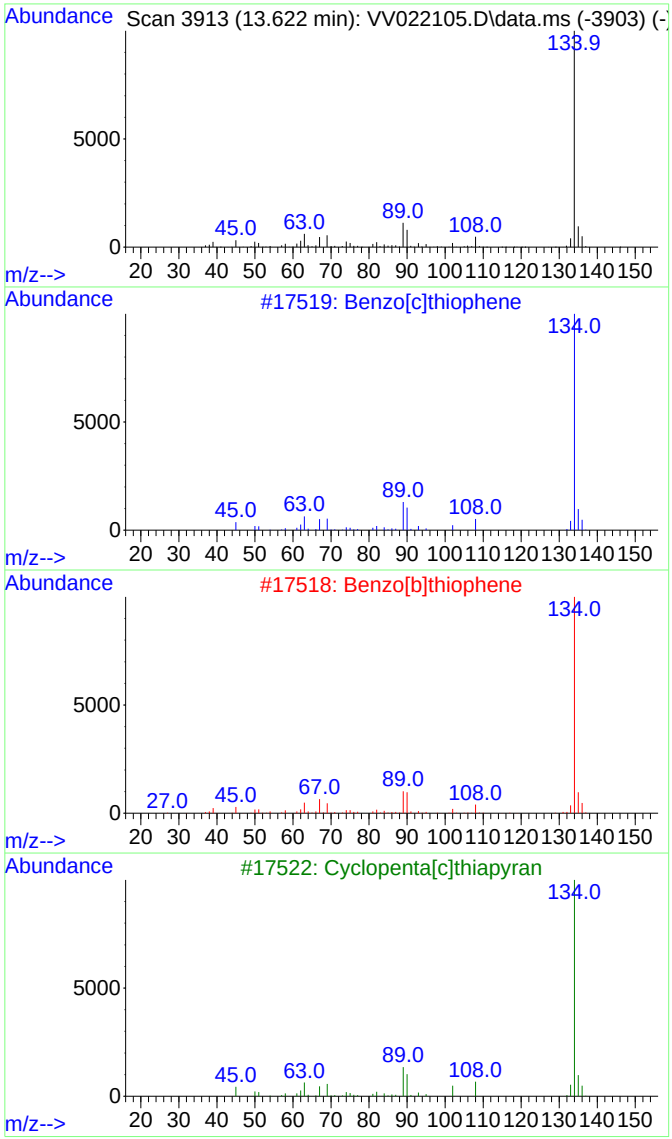
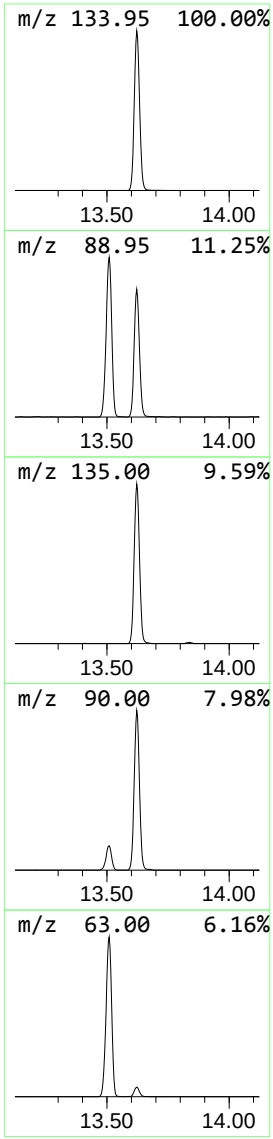
Peak Number 16 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.622	93.92 ug/L	1974070	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	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





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Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

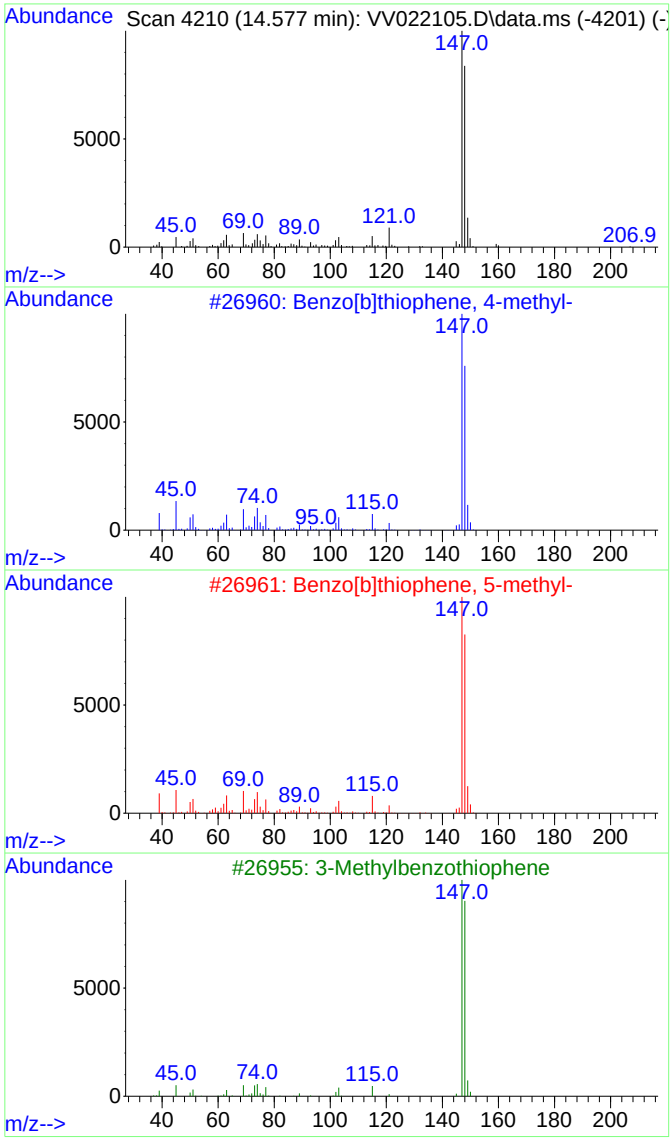
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

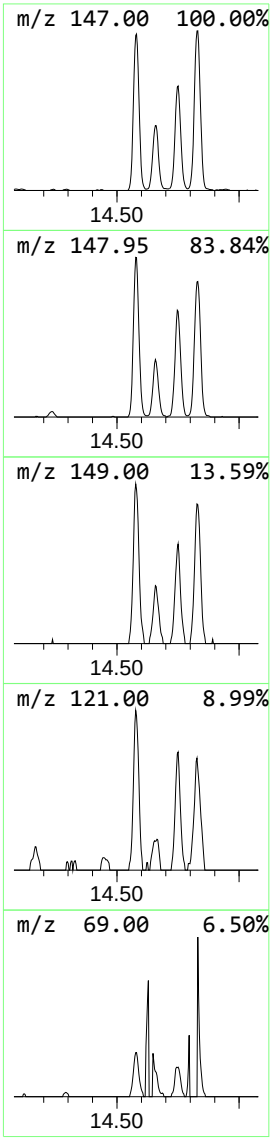
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]thiophene, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.577	6.95 ug/L	146158	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	90
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90





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Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKK9

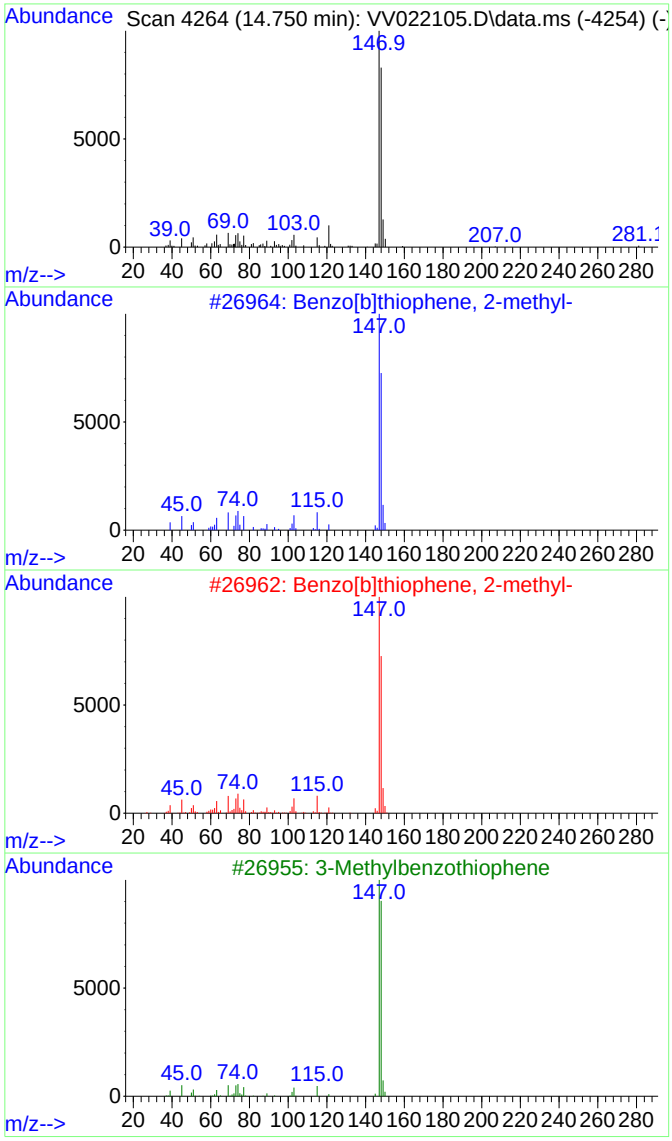
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

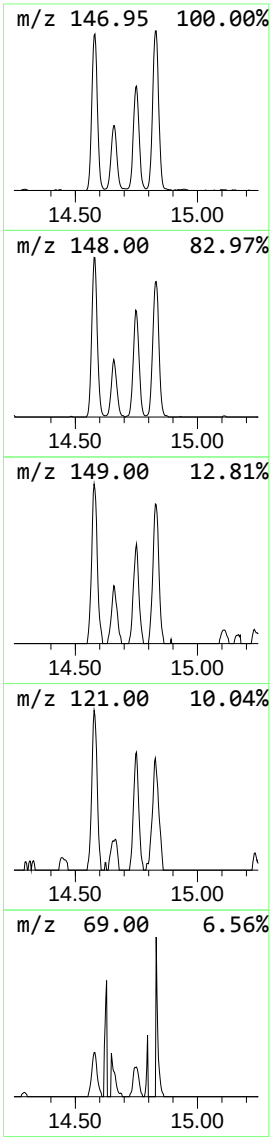
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[b]thiophene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.750	4.65 ug/L	97648	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

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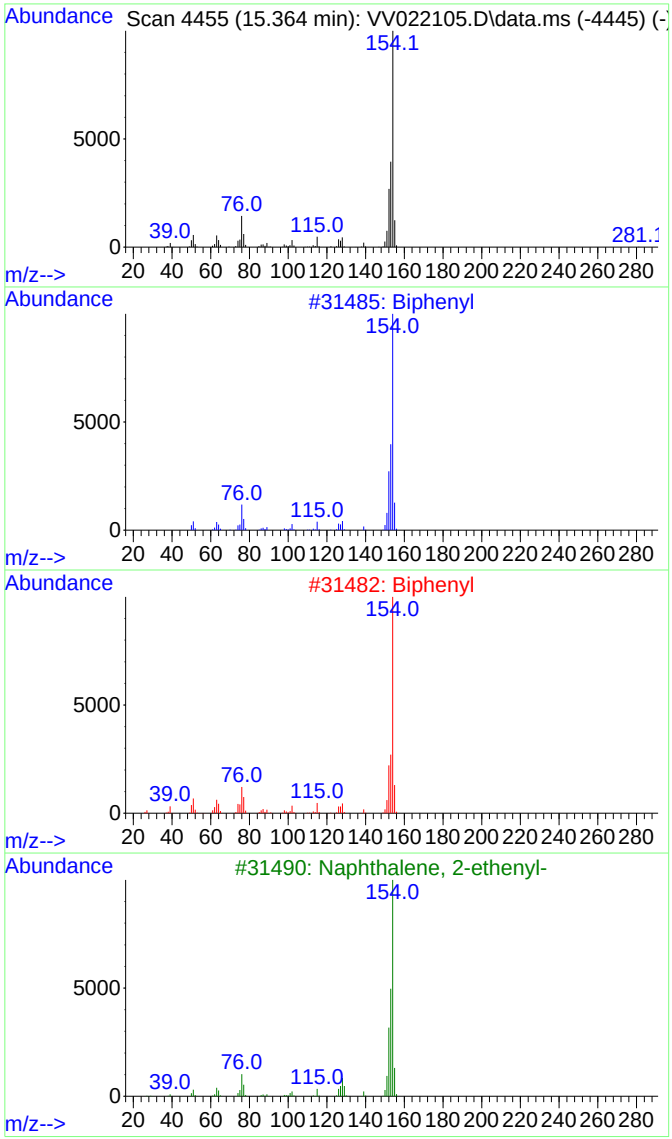
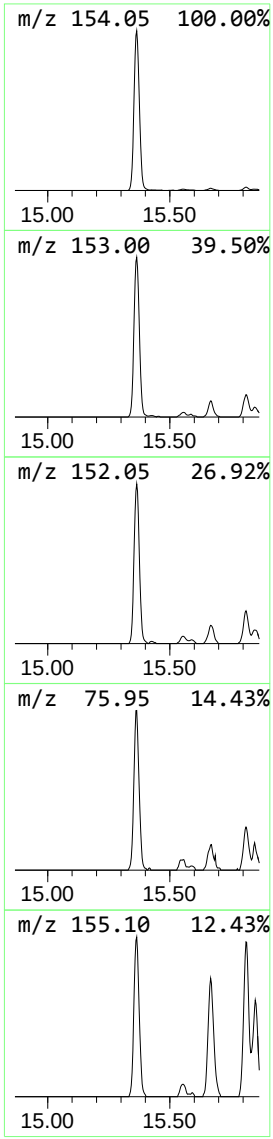
Peak Number 21 Biphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	15.40 ug/L	323591	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	93
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	83
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

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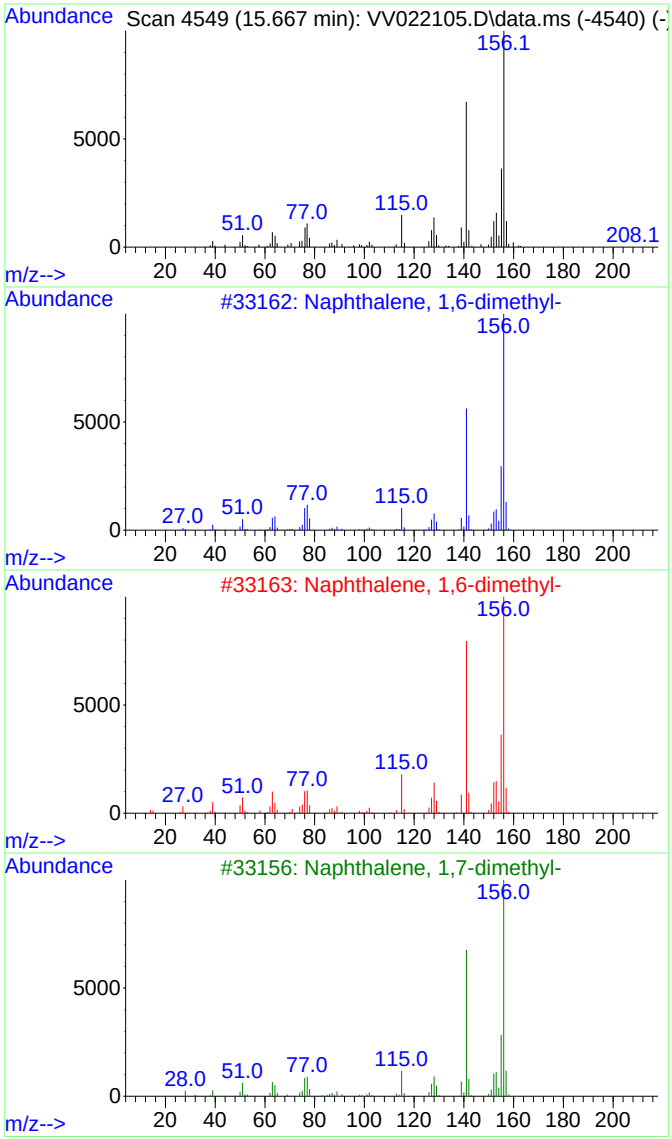
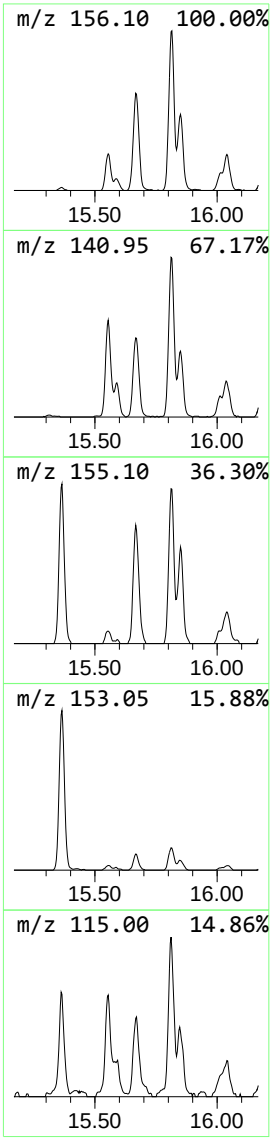
Peak Number 22 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.667	7.16 ug/L	150404	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

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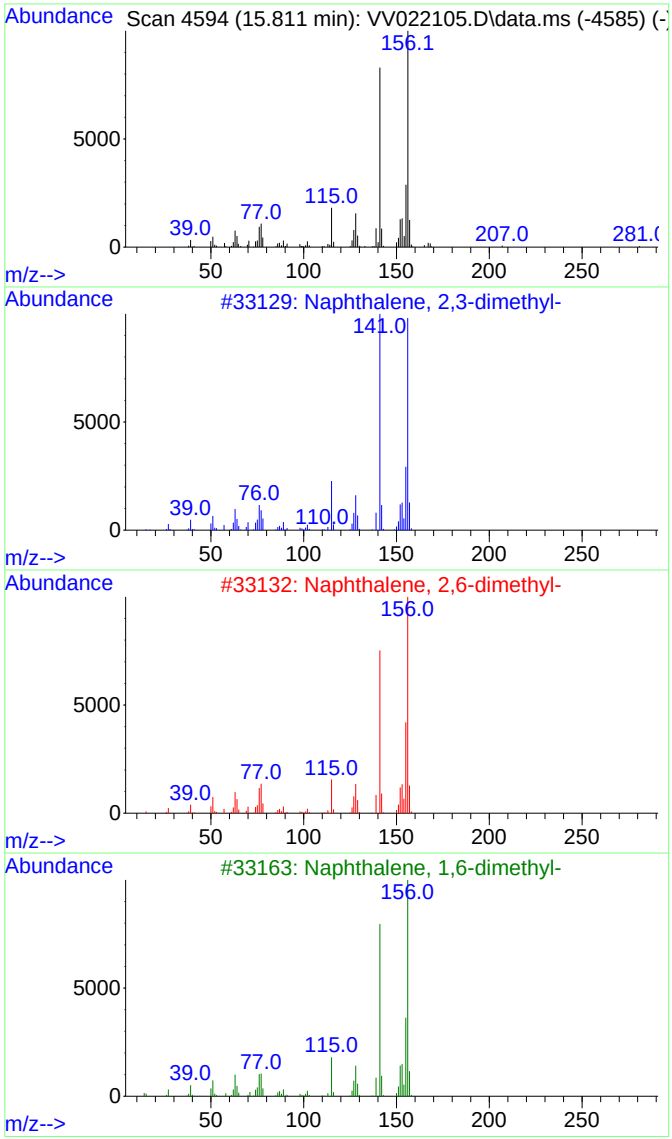
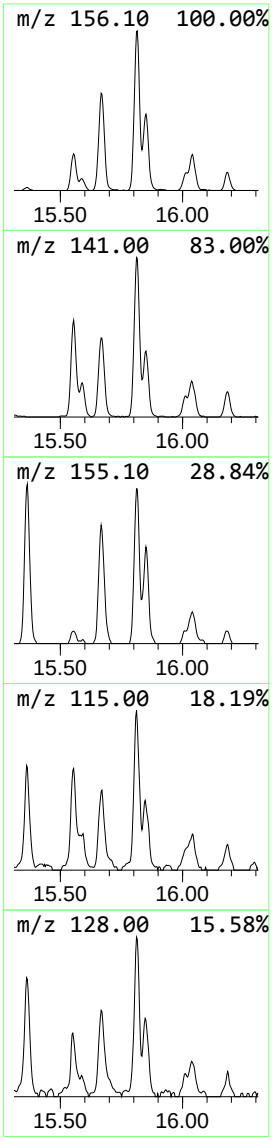
Peak Number 23 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.811	9.87 ug/L	207475	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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

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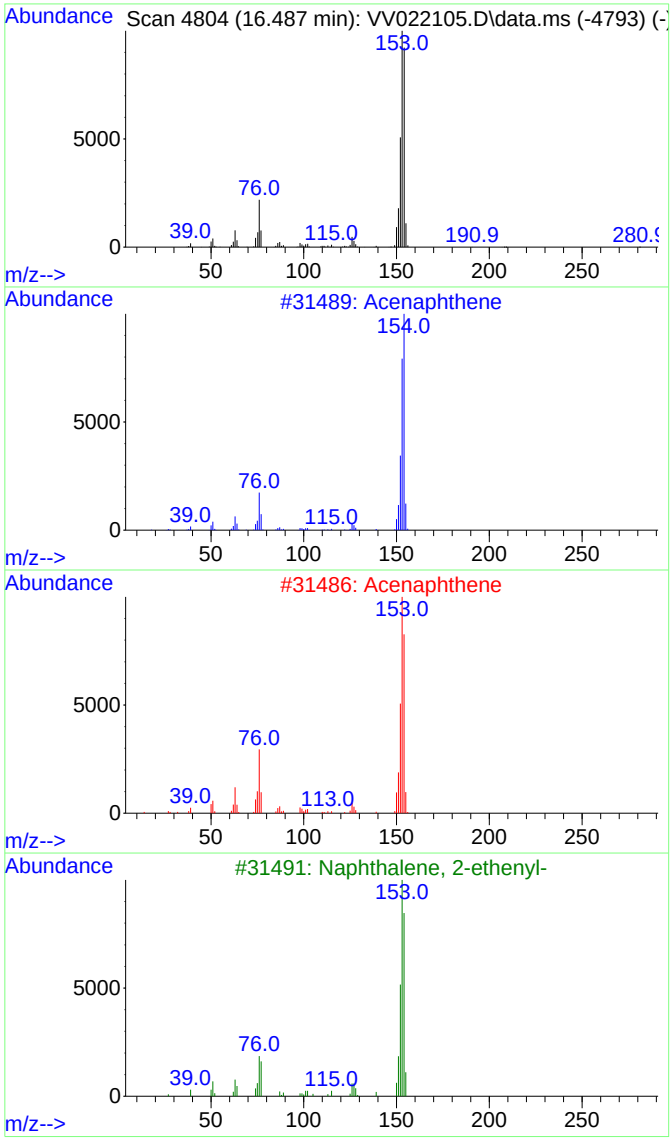
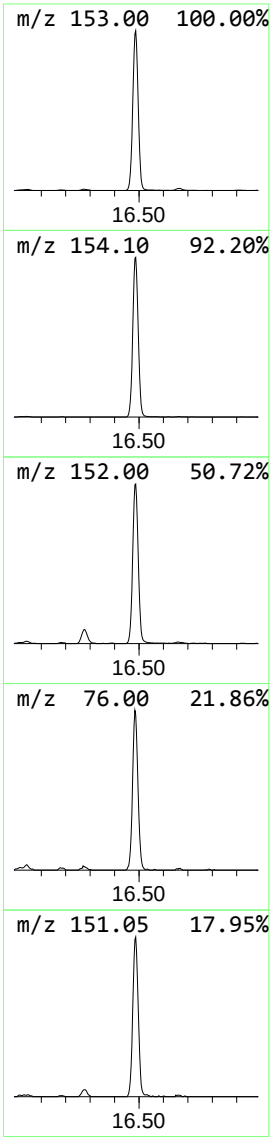
Peak Number 24 Naphthalene, 2-ethenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	35.67 ug/L	749671	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	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
4	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
5	2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022105.D
Acq On : 07 Sep 2021 16:12
Operator : SY/MD
Sample : M3608-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.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...	10.451	7.7	ug/L	161854	3	11.252	1050910	50.0
Benzene, 1-ethy...	10.741	3.2	ug/L	67789	3	11.252	1050910	50.0
Benzofuran	11.172	87.6	ug/L	1841630	3	11.252	1050910	50.0
Benzene, 1,2,3-...	11.339	9.4	ug/L	197637	3	11.252	1050910	50.0
Indane	11.529	82.1	ug/L	1724880	3	11.252	1050910	50.0
Indene	11.747	352.1	ug/L	7401250	3	11.252	1050910	50.0
Benzene, 1-ethe...	12.117	8.2	ug/L	171709	3	11.252	1050910	50.0
Benzofuran, 7-m...	12.361	13.1	ug/L	274348	3	11.252	1050910	50.0
Benzofuran, 2-m...	12.464	40.0	ug/L	840507	3	11.252	1050910	50.0
Benzene, 2-ethe...	12.725	10.4	ug/L	219365	3	11.252	1050910	50.0
Benzene, (1-met...	12.886	17.6	ug/L	370592	3	11.252	1050910	50.0
Benzene, 1-buty...	12.950	6.2	ug/L	129859	3	11.252	1050910	50.0
Naphthalene, 1,...	13.050	43.2	ug/L	908196	3	11.252	1050910	50.0
Azulene	13.509	1617.1	ug/L	33988900	3	11.252	1050910	50.0
Benzo[c]thiophene	13.622	93.9	ug/L	1974070	3	11.252	1050910	50.0
Benzo[b]thiophe...	14.577	7.0	ug/L	146158	3	11.252	1050910	50.0
Benzo[b]thiophe...	14.750	4.7	ug/L	97648	3	11.252	1050910	50.0
Biphenyl	15.365	15.4	ug/L	323591	3	11.252	1050910	50.0
Naphthalene, 1,...	15.667	7.2	ug/L	150404	3	11.252	1050910	50.0
Naphthalene, 2,...	15.811	9.9	ug/L	207475	3	11.252	1050910	50.0
Naphthalene, 2-...	16.487	35.7	ug/L	749671	3	11.252	1050910	50.0