LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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: VV021879.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	75	82	98	rBV	208741	214493	0.31%	0.109%
2	1.375	100	104	112	rBV	10317	12204	0.02%	0.006%
3	1.561	155	162	175	rVB	161433	189775	0.28%	0.096%
4	2.105	321	331	342	rBV	310486	445332	0.65%	0.226%
5	2.163	343	349	357	rVB	21832	29438	0.04%	0.015%
6	2.497	449	453	454	rBV2	1530	965	0.00%	0.000%
7	2.770	526	538	551	rVV3	8676	18899	0.03%	0.010%
8	2.957	586	596	603	rBV6	3673	7166	0.01%	0.004%
9	3.166	656	661	664	rBV2	1441	1465	0.00%	0.001%
10	3.291	695	700	712	rVB7	1400	2341	0.00%	0.001%
11	3.703	815	828	850	rBV4	21540	57656	0.08%	0.029%
12	3.873	871	881	911	rBV	115232	308484	0.45%	0.157%
13	4.349	1009	1029	1055	rBV	229563	571068	0.83%	0.290%
14	5.047	1228	1246	1290	rBV2	574491	1590021	2.32%	0.808%
15	5.529	1389	1396	1402	rBV5	947	1373	0.00%	0.001%
16	5.616	1410	1423	1454	rBV	468642	967036	1.41%	0.491%
17	5.818	1478	1486	1489	rBV4	1180	1846	0.00%	0.001%
18	5.918	1504	1517	1528	rVB9	3784	9257	0.01%	0.005%
19	5.989	1532	1539	1544	rBV5	1492	1722	0.00%	0.001%
20	6.069	1550	1564	1594	rBV	317432	655623	0.95%	0.333%
21	6.313	1633	1640	1644	rBV6	1093	1339	0.00%	0.001%
22	6.989	1837	1850	1878	rBV	177632	330594	0.48%	0.168%
23	7.317	1940	1952	1964	rBV	703062	1202860	1.75%	0.611%
24	7.387	1964	1974	2002	rVB	1114481	1907305	2.78%	0.969%
25	7.622	2037	2047	2062	rBV	124505	212676	0.31%	0.108%
26	7.783	2094	2097	2103	rVB5	1022	871	0.00%	0.000%
27	7.870	2122	2124	2131	rVB4	917	787	0.00%	0.000%
28	7.944	2138	2147	2155	rBV3	2828	4349	0.01%	0.002%
29	8.088	2182	2192	2213	rBV	331166	570268	0.83%	0.290%
30	8.368	2271	2279	2282	rBV7	1482	1856	0.00%	0.001%
31	8.854	2418	2430	2457	rBV	698595	1137739	1.66%	0.578%
32	9.014	2467	2480	2504	rBV	3314274	5108765	7.44%	2.596%
33	9.136	2507	2518	2539	rVB	1039641	1679221	2.45%	0.853%
34	9.317	2570	2574	2583	rVB6	5690	7974	0.01%	0.004%
35	9.403	2594	2601	2613	rVV2	9328	15966	0.02%	0.008%
36	9.506	2627	2633	2634	rBV5	3947	3692	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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	9.551	2634	2647	2683	rVB3	949206	2138677	3.11%	1.087%
38	9.783	2711	2719	2724	rBV9	3873	6955	0.01%	0.004%
39	9.934	2755	2766	2779	rBV	26578	43454	0.06%	0.022%
40	10.024	2786	2794	2803	rBV4	9164	14628	0.02%	0.007%
41	10.127	2818	2826	2835	rBV5	6539	11115	0.02%	0.006%
42	10.217	2839	2854	2868	rBV	465743	733585	1.07%	0.373%
43	10.355	2888	2897	2915	rVB	51286	85167	0.12%	0.043%
44	10.448	2915	2926	2943	rBV	252182	528466	0.77%	0.268%
45	10.542	2945	2955	2973	rVB	263813	418979	0.61%	0.213%
46	10.696	3000	3003	3005	rBV3	1335	768	0.00%	0.000%
47	10.741	3006	3017	3024	rBV	128858	208158	0.30%	0.106%
48	10.915	3056	3071	3085	rBV	759934	1164145	1.70%	0.591%
49	10.989	3085	3094	3103	rVV	198133	293954	0.43%	0.149%
50	11.037	3103	3109	3119	rVV	62305	95812	0.14%	0.049%
51	11.088	3121	3125	3135	rVB2	24221	32164	0.05%	0.016%
52	11.169	3138	3150	3165	rBV	2473022	3794123	5.53%	1.928%
53	11.249	3165	3175	3194	rVV	847231	1350976	1.97%	0.686%
54	11.336	3194	3202	3215	rVV	336898	522747	0.76%	0.266%
55	11.400	3215	3222	3235	rVB	53998	79440	0.12%	0.040%
56	11.529	3251	3262	3274	rBV	1943767	3007824	4.38%	1.528%
57	11.628	3283	3293	3309	rVB2	809935	1408953	2.05%	0.716%
58	11.751	3317	3331	3348	rBV	19251234	30582234	44.54%	15.538%
59	11.915	3373	3382	3386	rBV	71855	108841	0.16%	0.055%
60	12.017	3405	3414	3419	rBV	134936	203893	0.30%	0.104%
61	12.117	3435	3445	3465	rBV	326703	556741	0.81%	0.283%
62	12.259	3479	3489	3497	rBV7	35661	71827	0.10%	0.036%
63	12.358	3511	3520	3531	rVB3	340617	594034	0.87%	0.302%
64	12.413	3532	3537	3543	rBV	87329	99875	0.15%	0.051%
65	12.464	3543	3553	3563	rBV2	926532	1624263	2.37%	0.825%
66	12.725	3625	3634	3649	rVB	641140	968661	1.41%	0.492%
67	12.796	3651	3656	3665	rVB5	19999	26504	0.04%	0.013%
68	12.886	3666	3684	3695	rBV2	1112158	1759857	2.56%	0.894%
69	12.950	3695	3704	3715	rVB	303136	477403	0.70%	0.243%
70	13.001	3716	3720	3723	rBV	16874	16568	0.02%	0.008%
71	13.050	3723	3735	3757	rVB	3315527	5135985	7.48%	2.609%
72	13.152	3758	3767	3779	rBV2	71362	162643	0.24%	0.083%
73	13.220	3780	3788	3796	rVB3	81610	127470	0.19%	0.065%
74	13.275	3797	3805	3812	rBV3	103007	161510	0.24%	0.082%
75	13.384	3832	3839	3856	rVB5	116491	262016	0.38%	0.133%
76	13.516	3863	3880	3901	rBV2	38003259	68659506	100.00%	34.883%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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	13.625	3902	3914	3933	rBV	2120182	3309785	4.82%	1.682%
78	13.712	3935	3941	3950	rVB5	59448	89443	0.13%	0.045%
79	13.911	3993	4003	4016	rBV2	146362	253348	0.37%	0.129%
80	14.098	4050	4061	4072	rBV6	158763	361182	0.53%	0.184%
81	14.294	4115	4122	4135	rVB4	146479	273107	0.40%	0.139%
82	14.435	4159	4166	4179	rVB4	66441	115914	0.17%	0.059%
83	14.577	4201	4210	4217	rBV	351915	544759	0.79%	0.277%
84	14.635	4217	4228	4254	rVB	13273513	20606055	30.01%	10.469%
85	14.750	4254	4264	4274	rBV	329750	557895	0.81%	0.283%
86	14.818	4274	4285	4300	rBV	7360239	11433244	16.65%	5.809%
87	15.365	4443	4455	4466	rVB	1635649	2490152	3.63%	1.265%
88	15.422	4467	4473	4482	rBV6	37370	55618	0.08%	0.028%
89	15.554	4506	4514	4521	rBV	499252	721018	1.05%	0.366%
90	15.667	4538	4549	4567	rBV	883048	1598774	2.33%	0.812%
91	15.811	4585	4594	4601	rBV	1116631	1700725	2.48%	0.864%
92	15.850	4602	4606	4620	rVB	538210	727053	1.06%	0.369%
93	16.014	4647	4657	4658	rBV2	135751	157799	0.23%	0.080%
94	16.181	4700	4709	4722	rBV	145849	225631	0.33%	0.115%
95	16.287	4730	4742	4755	rVB3	130098	270068	0.39%	0.137%
96	16.487	4792	4804	4823	rBV	3472118	5460077	7.95%	2.774%
97	16.664	4853	4859	4871	rBV2	50255	84936	0.12%	0.043%
98	16.786	4885	4897	4915	rVB	391548	664421	0.97%	0.338%
99	16.918	4931	4938	4947	rVB	36175	58959	0.09%	0.030%
100	17.390	5074	5085	5102	rBV	144380	253983	0.37%	0.129%

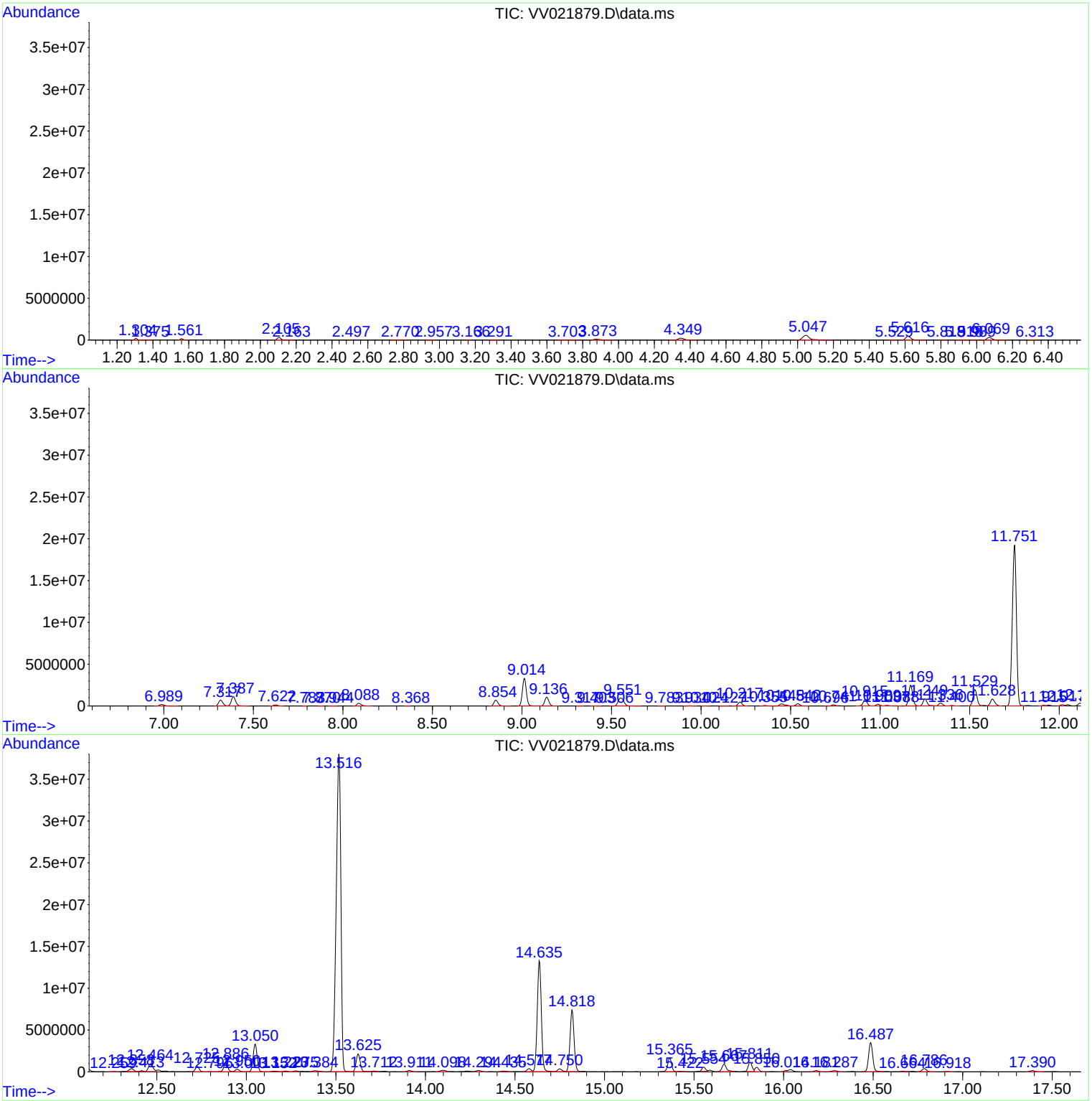
Sum of corrected areas: 196826293

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKA8

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 : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

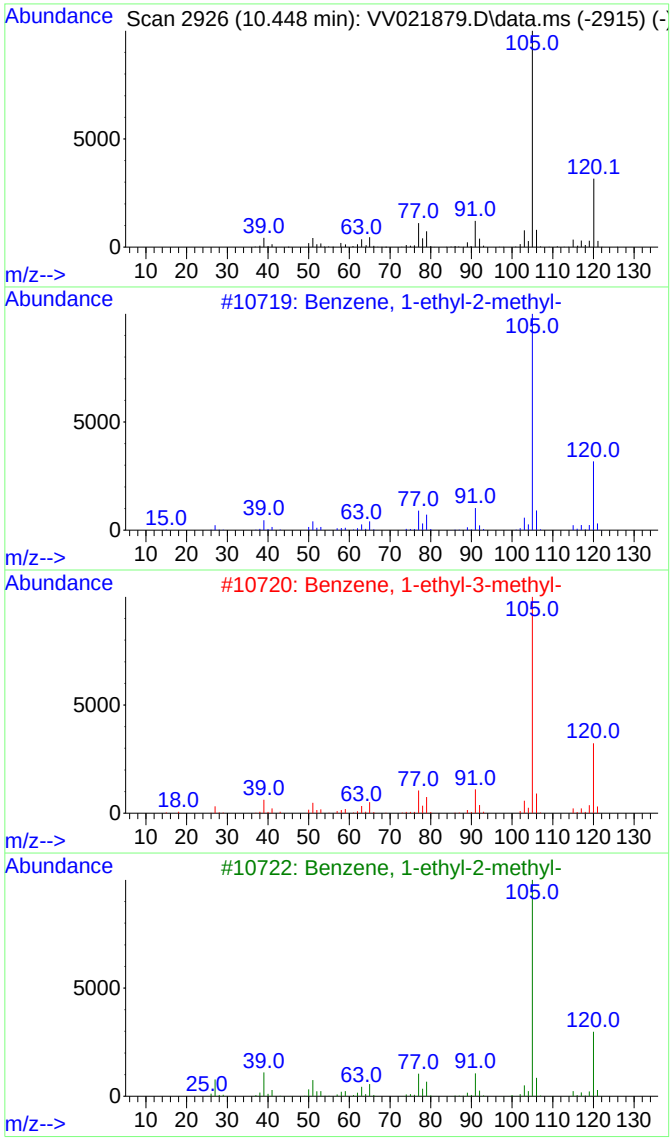
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

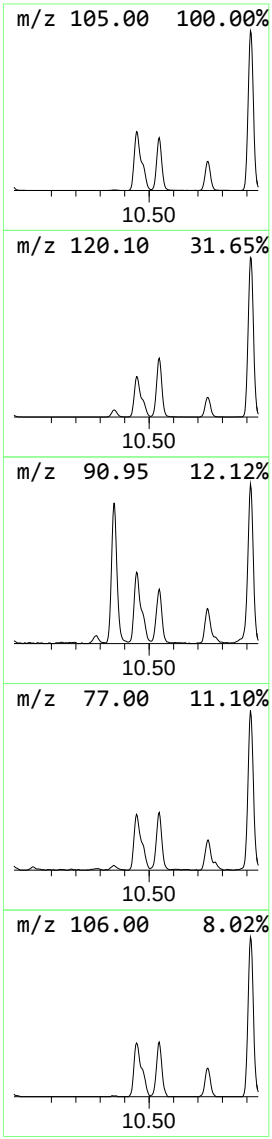
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	19.56 ug/L	528466	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	95
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

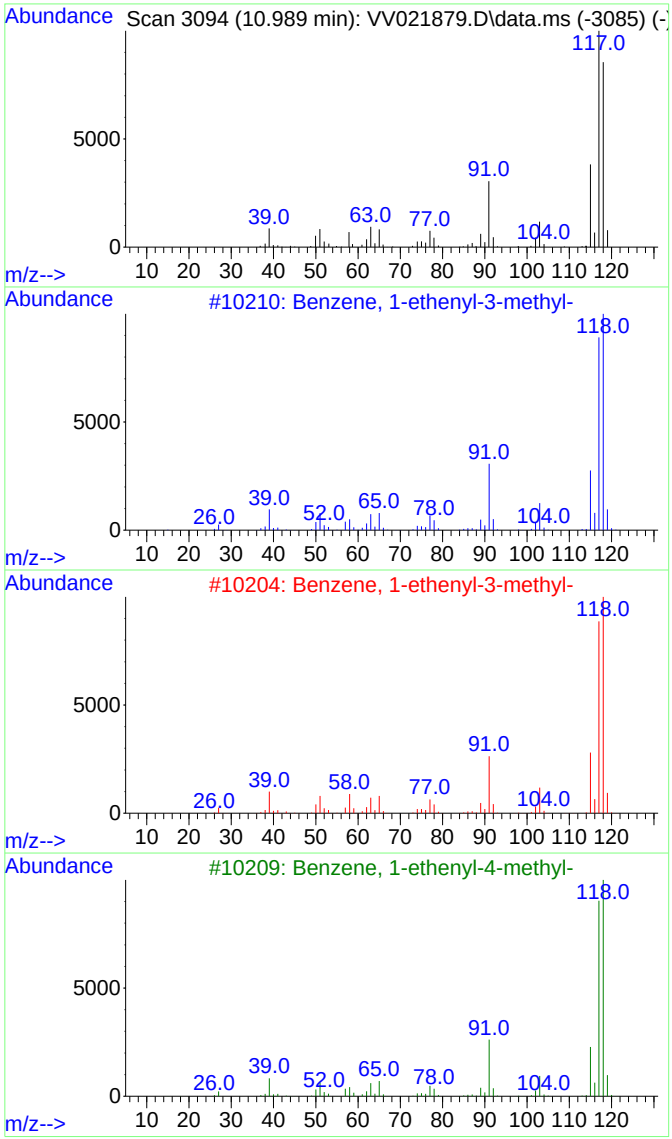
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

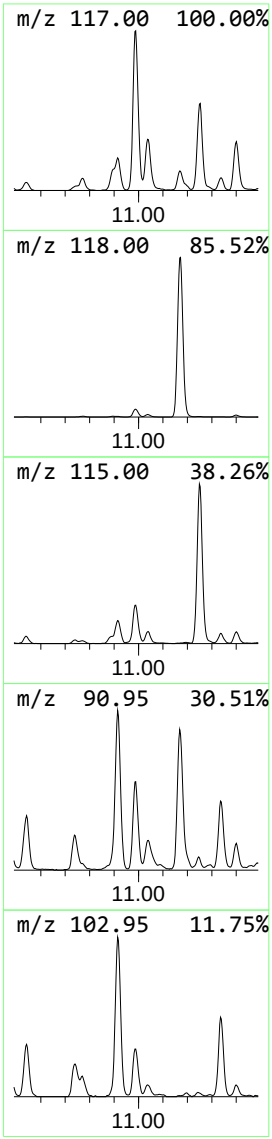
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.989	10.88 ug/L	293954	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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

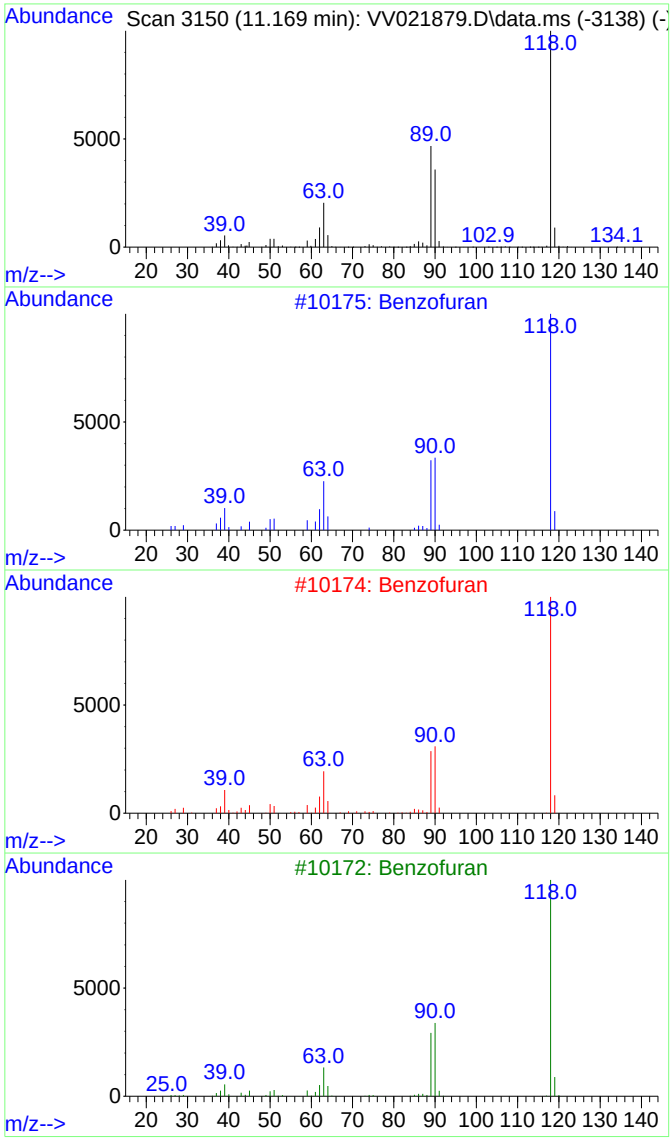
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

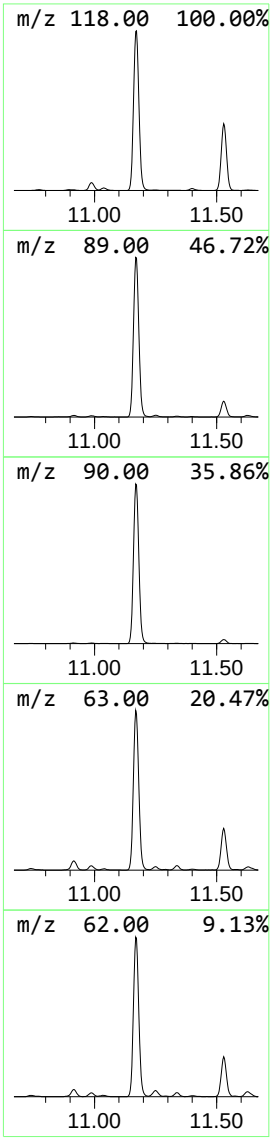
****

Peak Number 8 Benzofuran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	140.42 ug/L	3794120	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	91
3	Benzofuran	118	C8H6O	000271-89-6	90
4	Benzofuran	118	C8H6O	000271-89-6	87
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

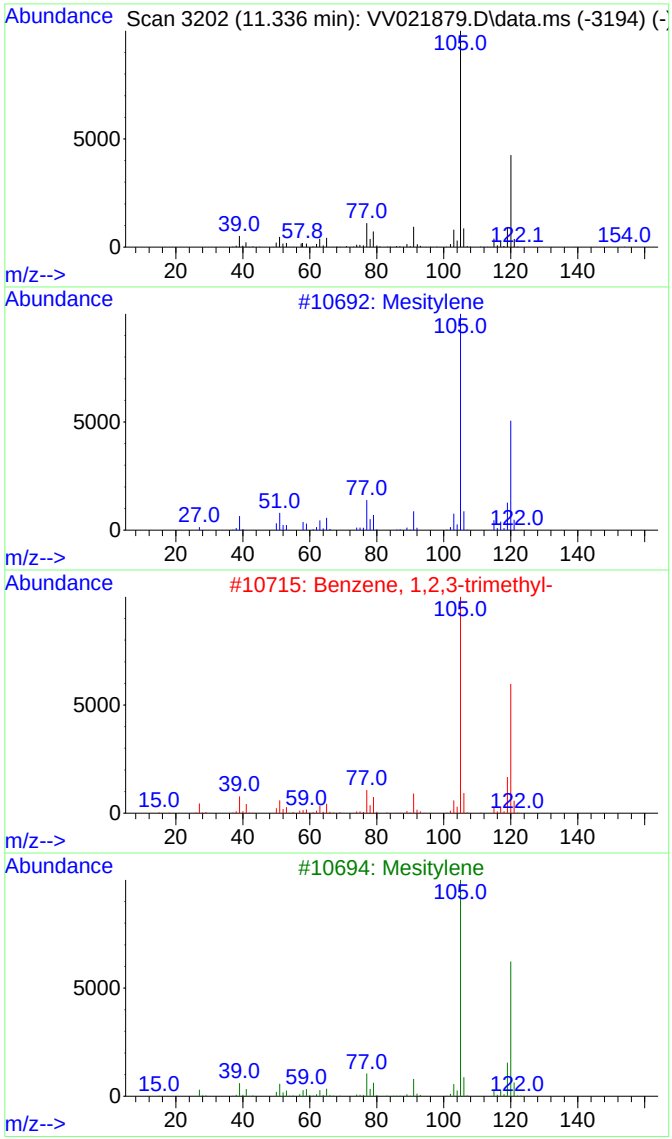
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

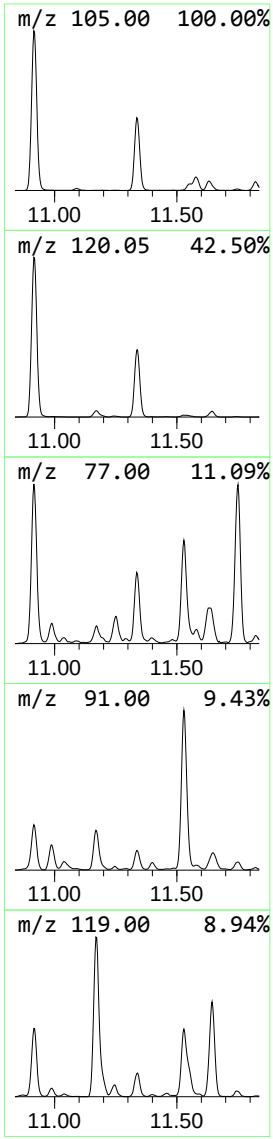
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.336	19.35 ug/L	522747	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	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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

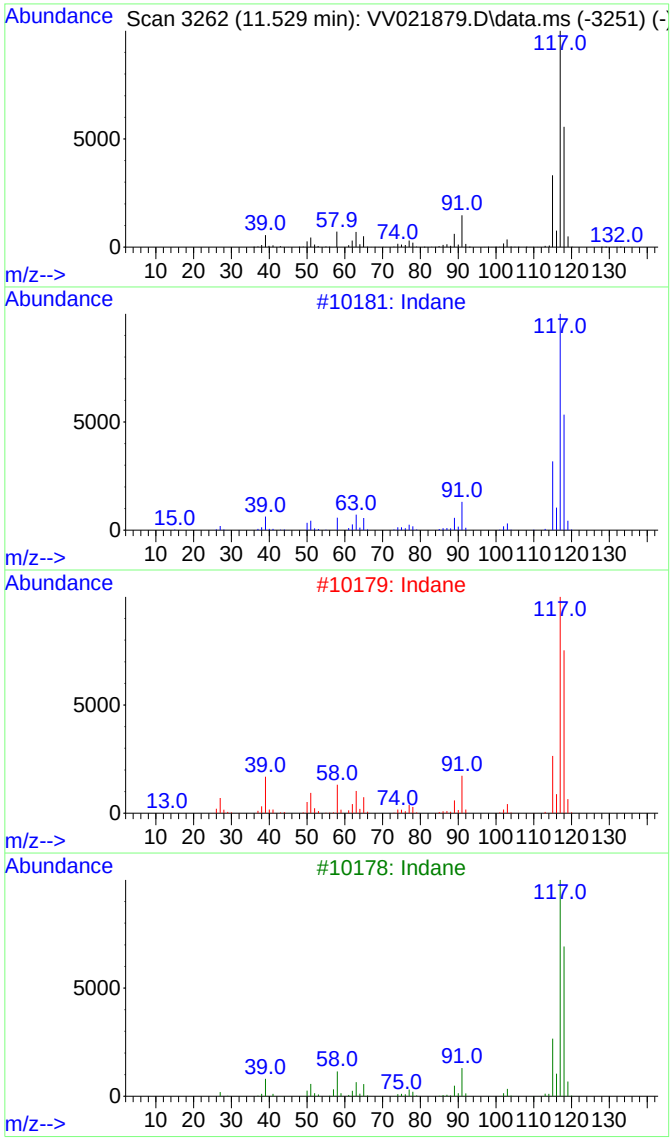
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

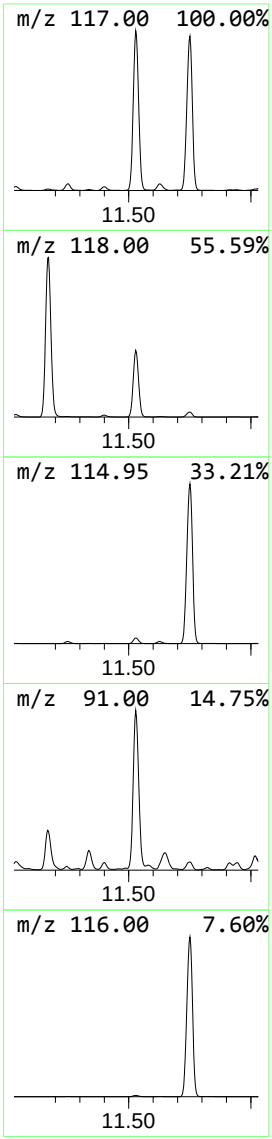
****

Peak Number 11 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	111.32 ug/L	3007820	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	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Deltacyclene	118	C9H10	007785-10-6	72





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Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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

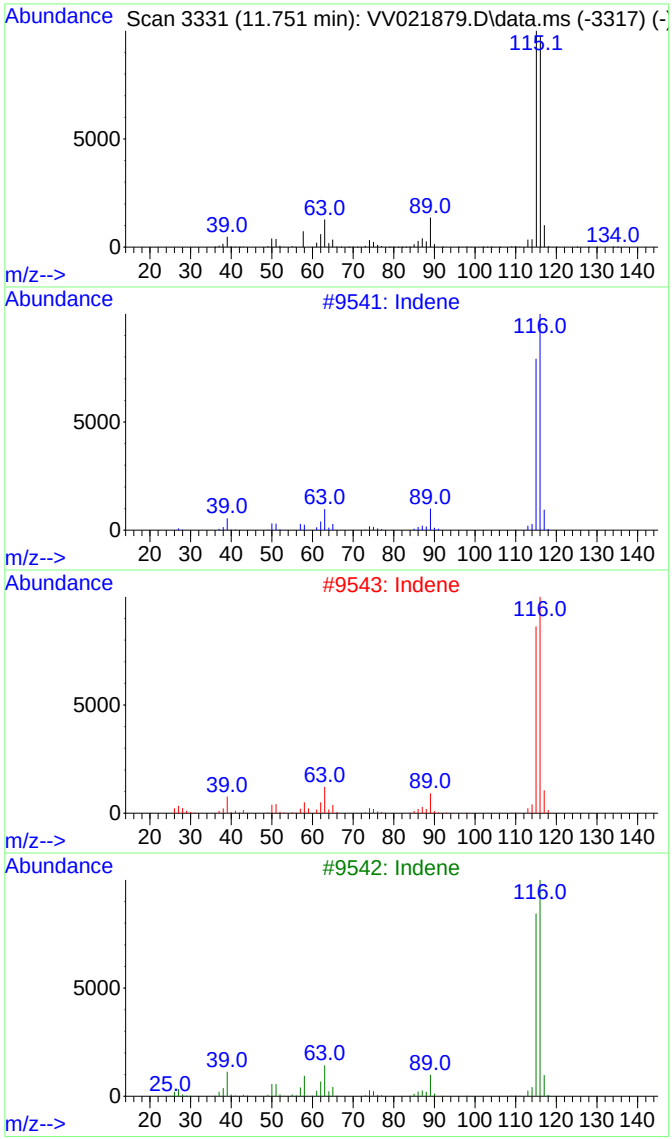
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

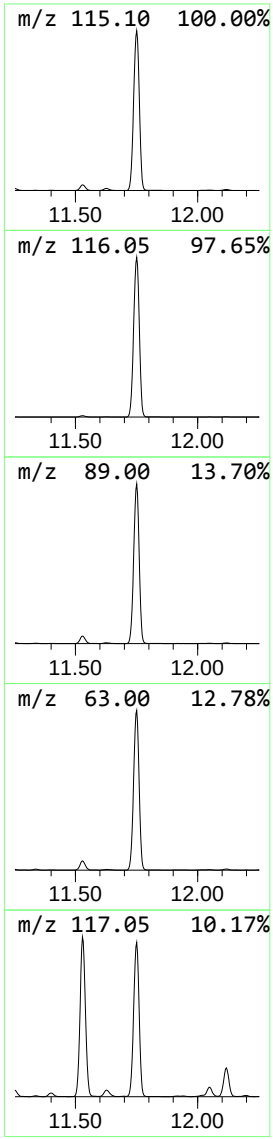
****

Peak Number 12 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	1131.86 ug/L	30582200	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	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

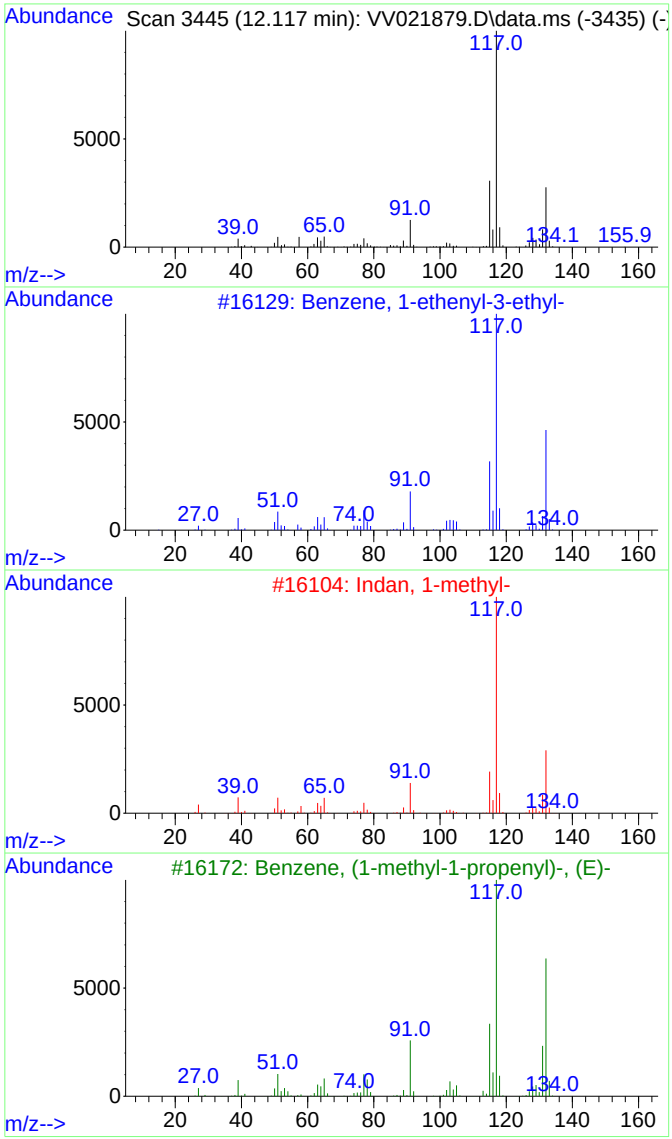
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

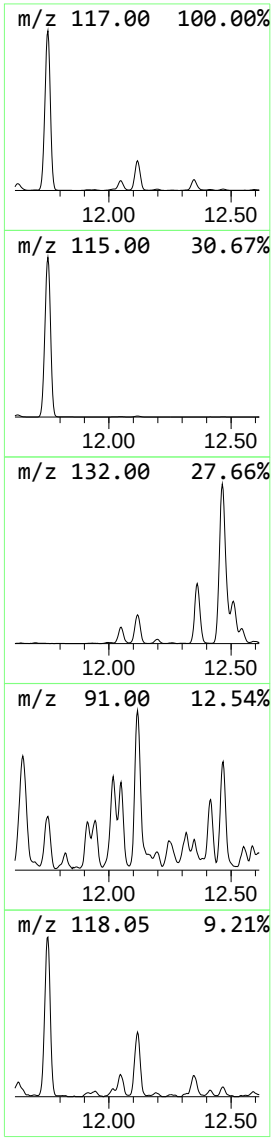
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.117	20.61 ug/L	556741	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-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





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Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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

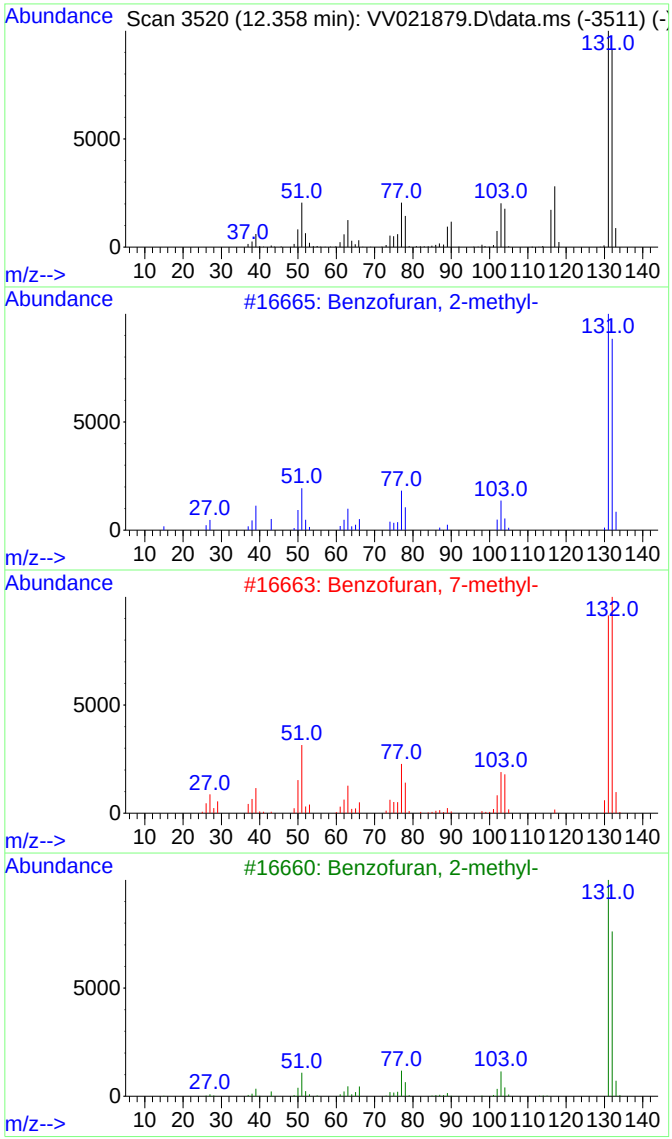
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

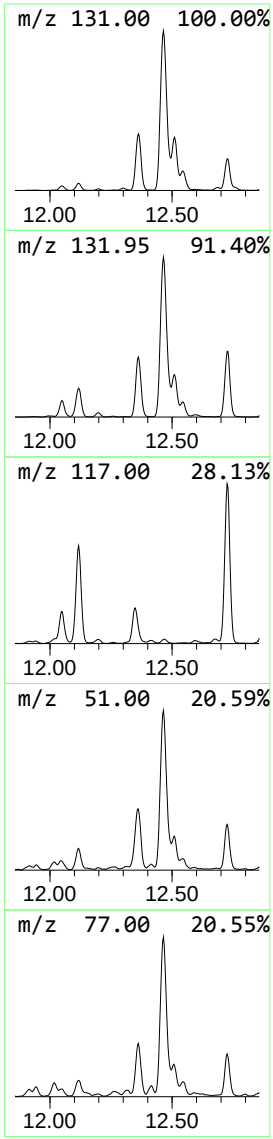
****

Peak Number 17 Benzofuran, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.358	21.99 ug/L	594034	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	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81





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Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

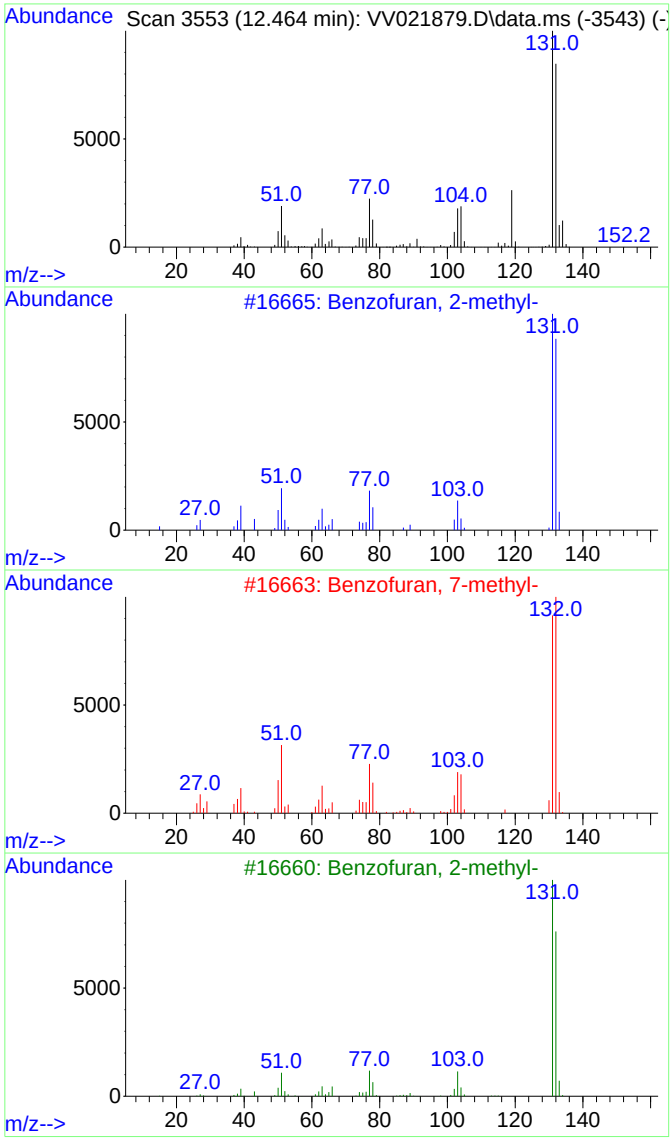
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

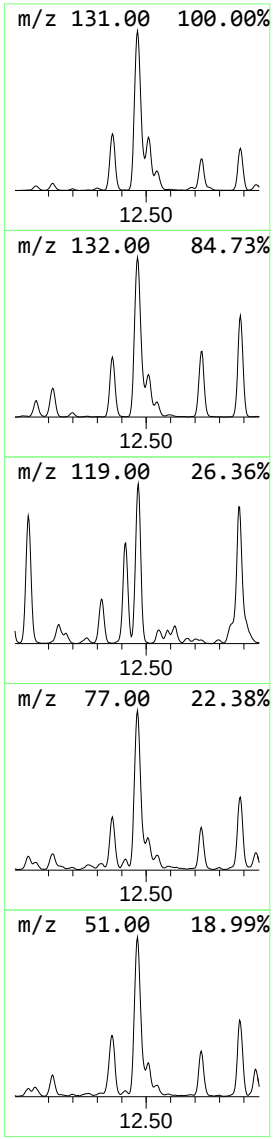
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzofuran, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	60.11 ug/L	1624260	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	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





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Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

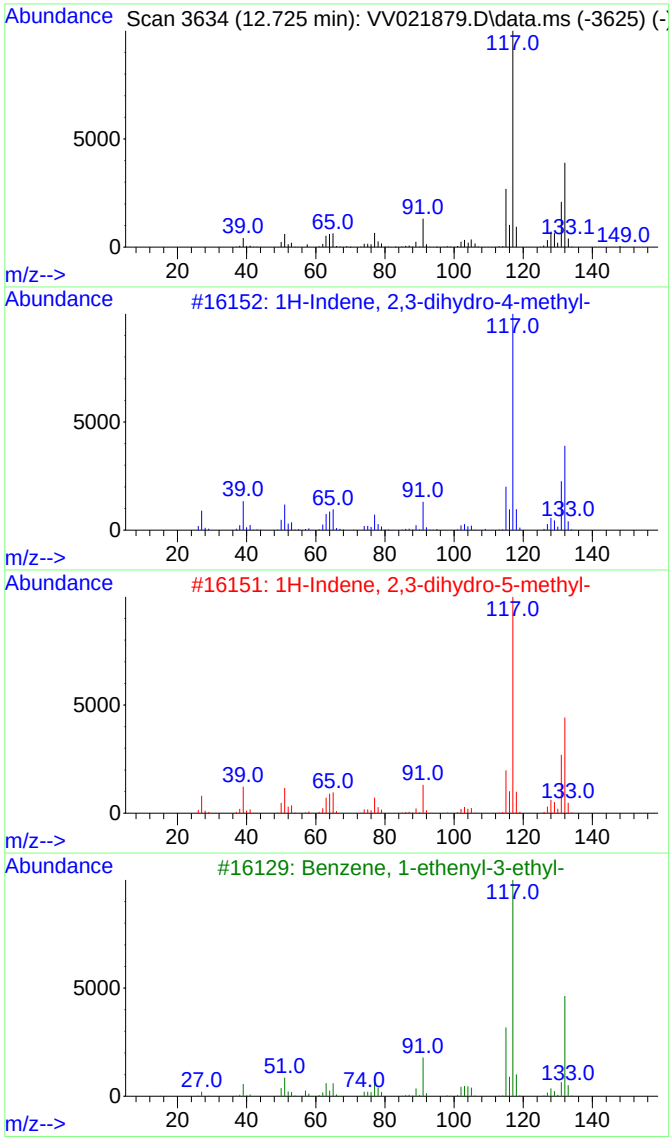
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

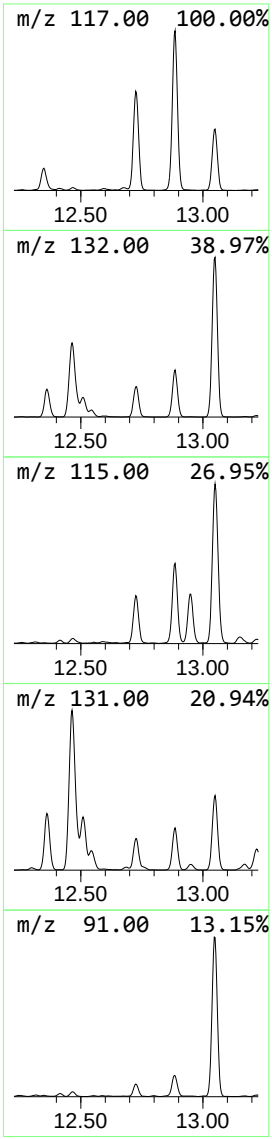
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	35.85 ug/L	968661	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	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

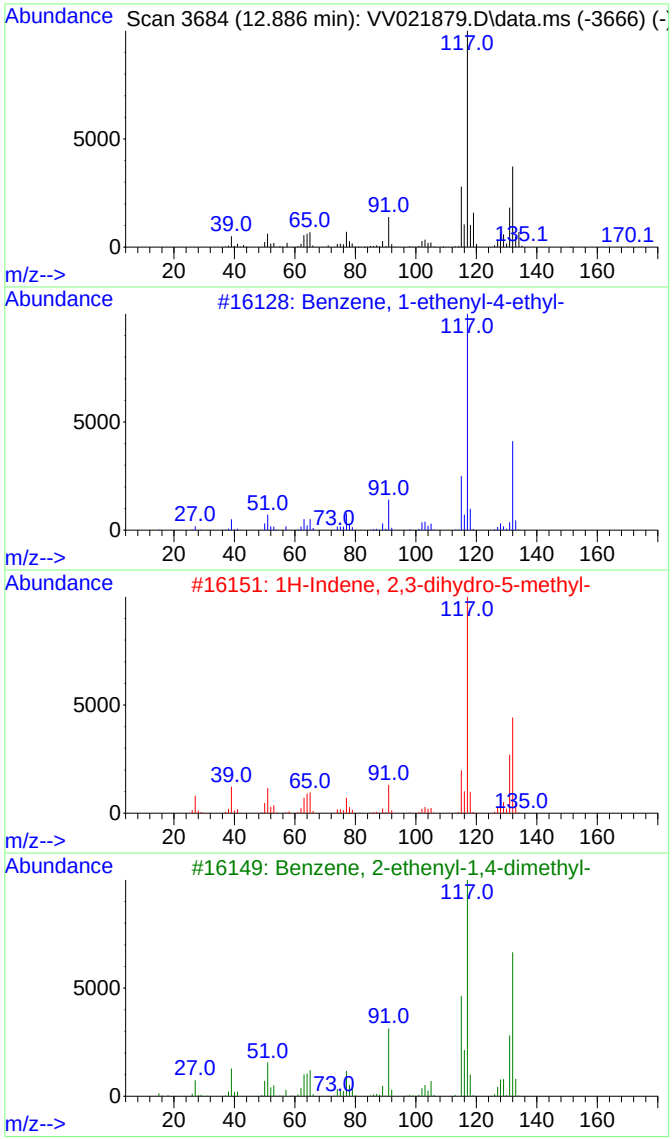
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

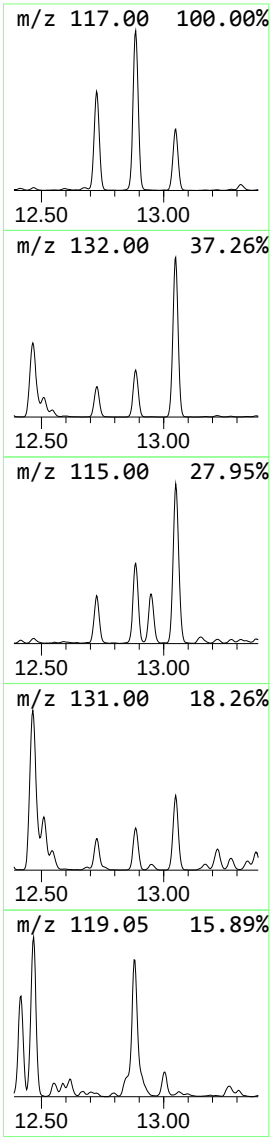
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	65.13 ug/L	1759860	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-5-methyl-	132	C10H12	000874-35-1	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





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Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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

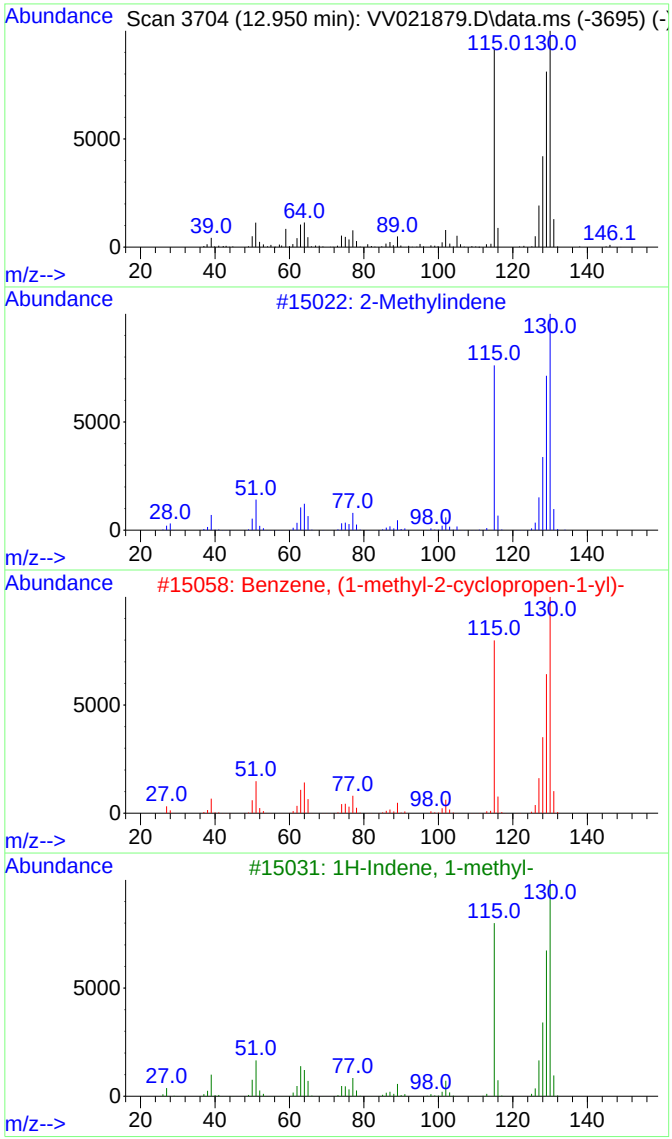
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

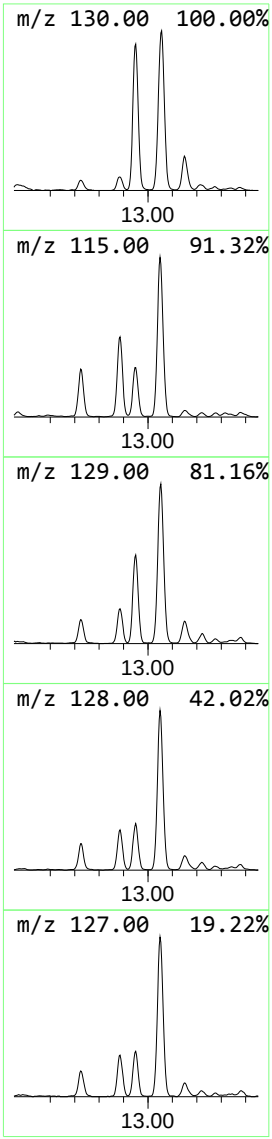
****

Peak Number 22 2-Methylindene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.950	17.67 ug/L	477403	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	94
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





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Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

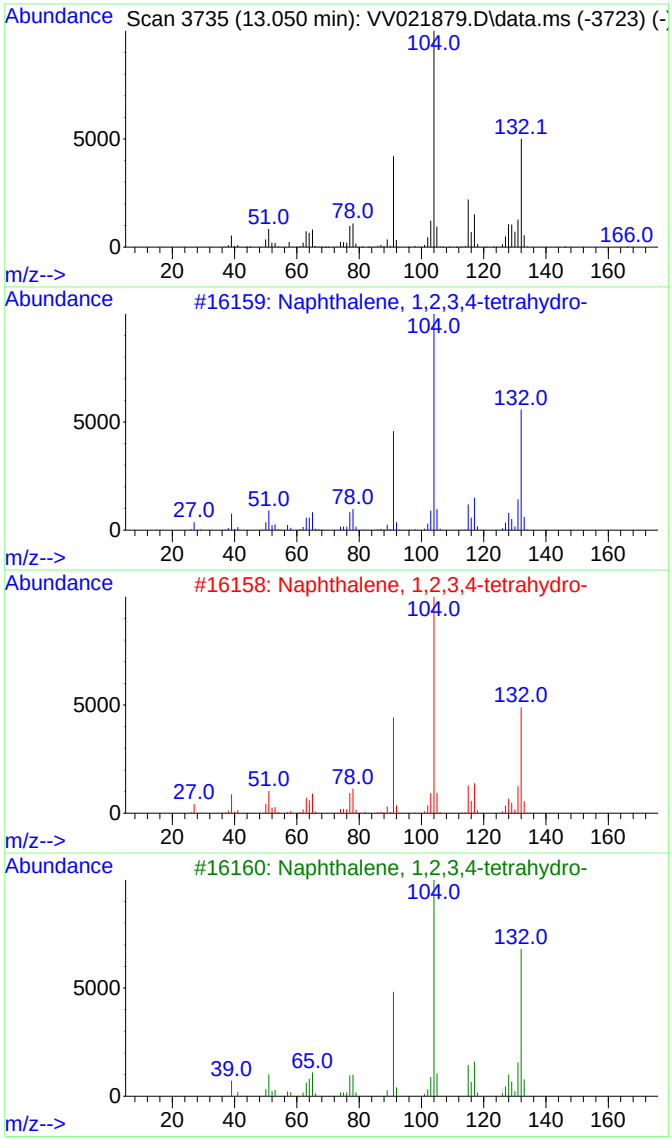
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

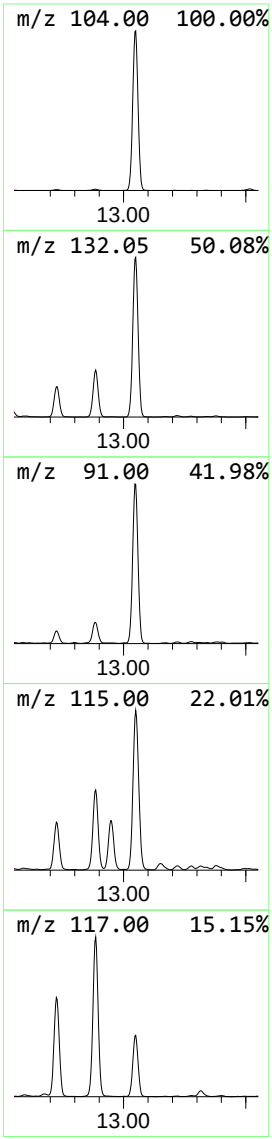
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	190.08 ug/L	5135990	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	87





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Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

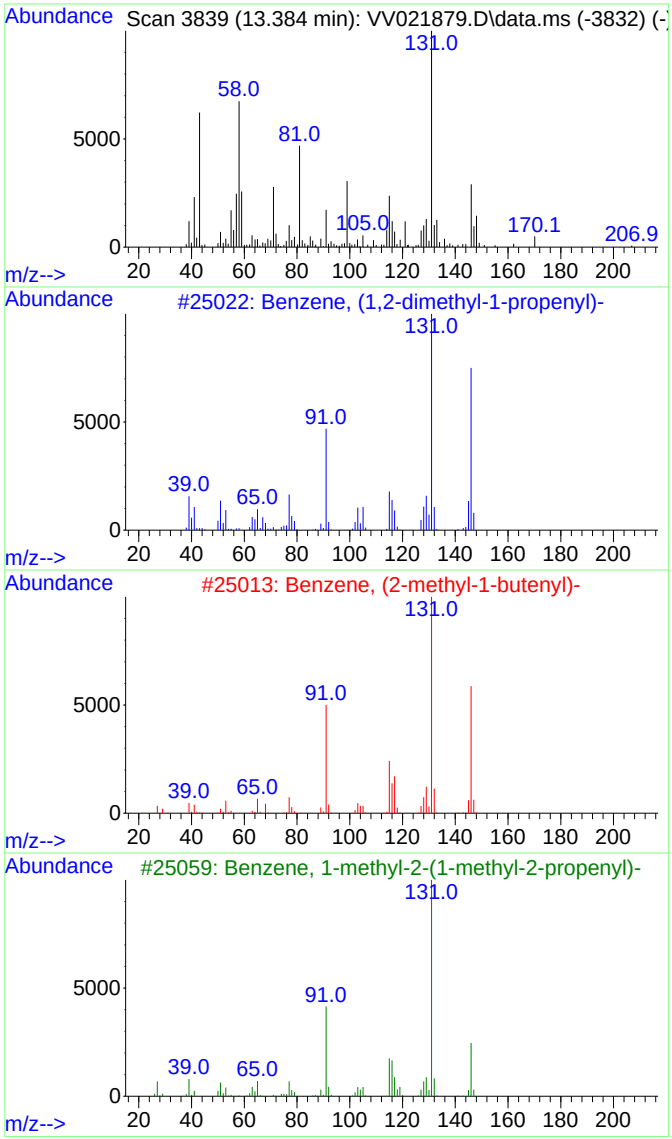
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

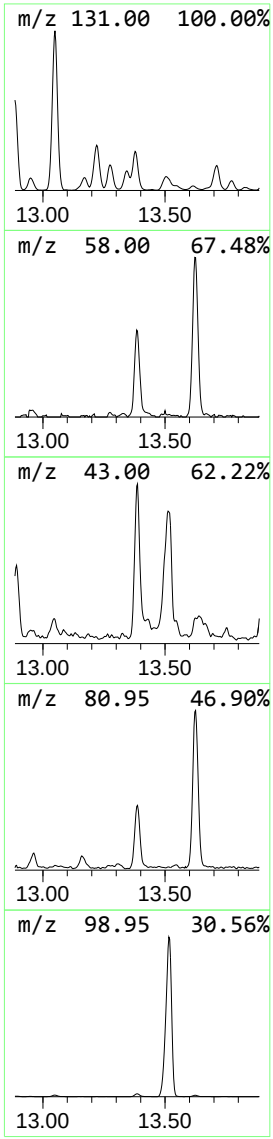
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.384	9.70 ug/L	262016	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	50
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	45
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	43





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Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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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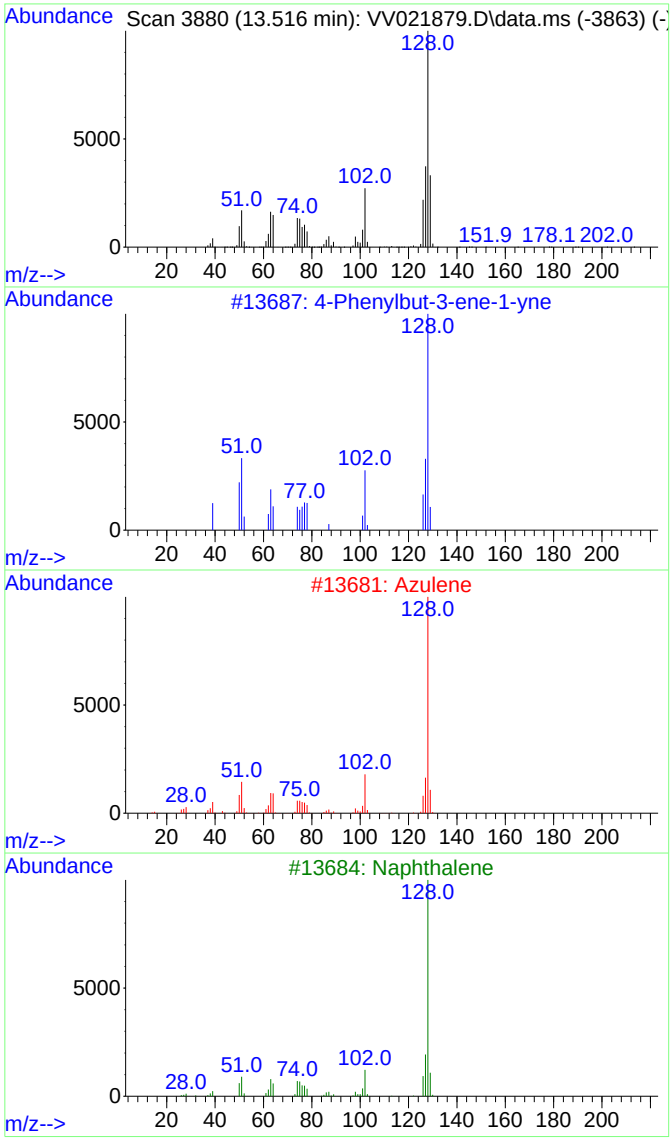
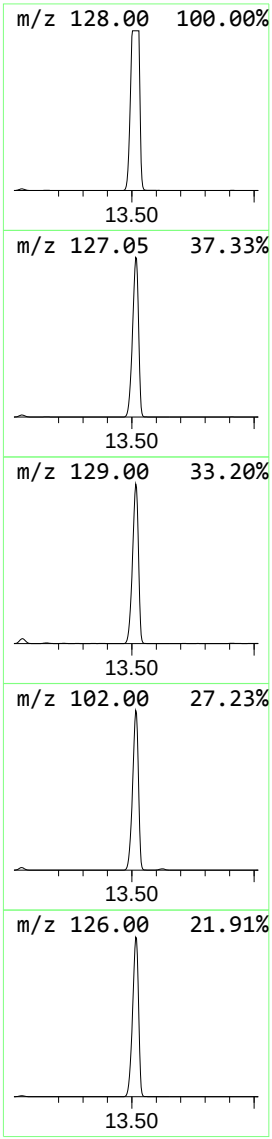
Peak Number 28 4-Phenylbut-3-ene-1-yne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.516	2541.11 ug/L	68659500	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	89
2	Azulene	128	C10H8	000275-51-4	81
3	Naphthalene	128	C10H8	000091-20-3	81
4	Naphthalene	128	C10H8	000091-20-3	81
5	Azulene	128	C10H8	000275-51-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
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Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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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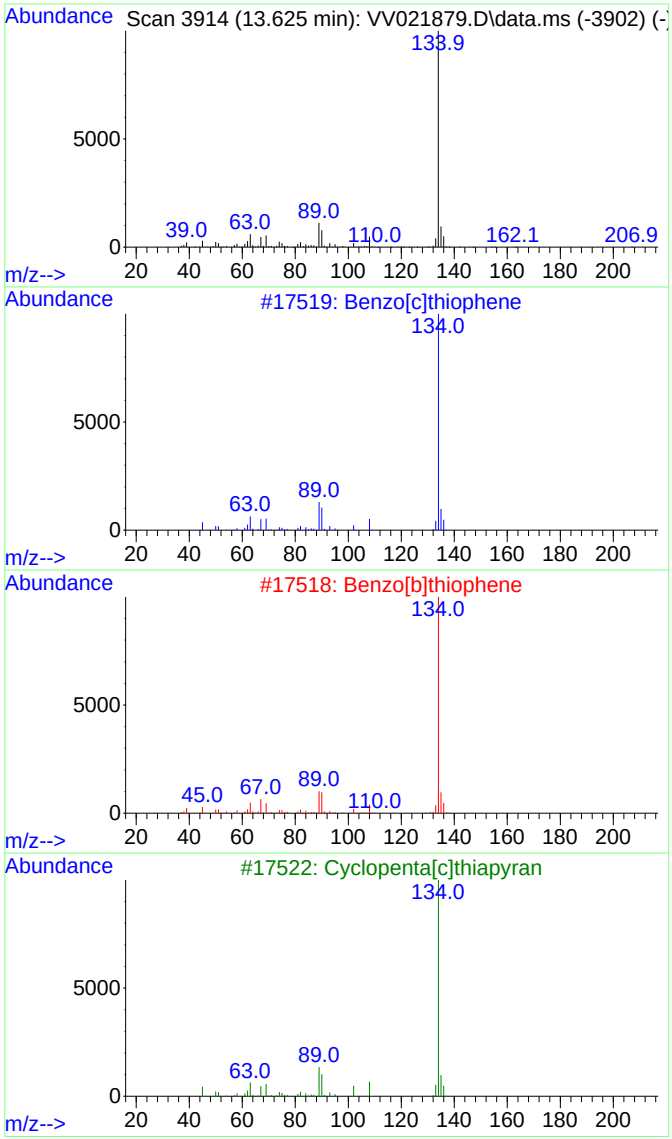
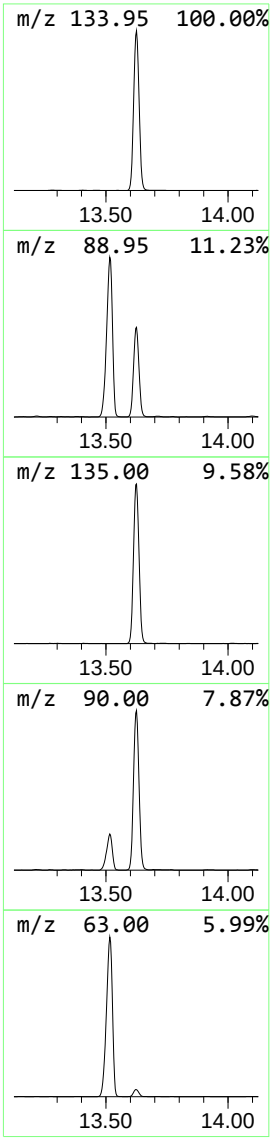
Peak Number 29 Benzo[c]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.625	122.50 ug/L	3309790	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 : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

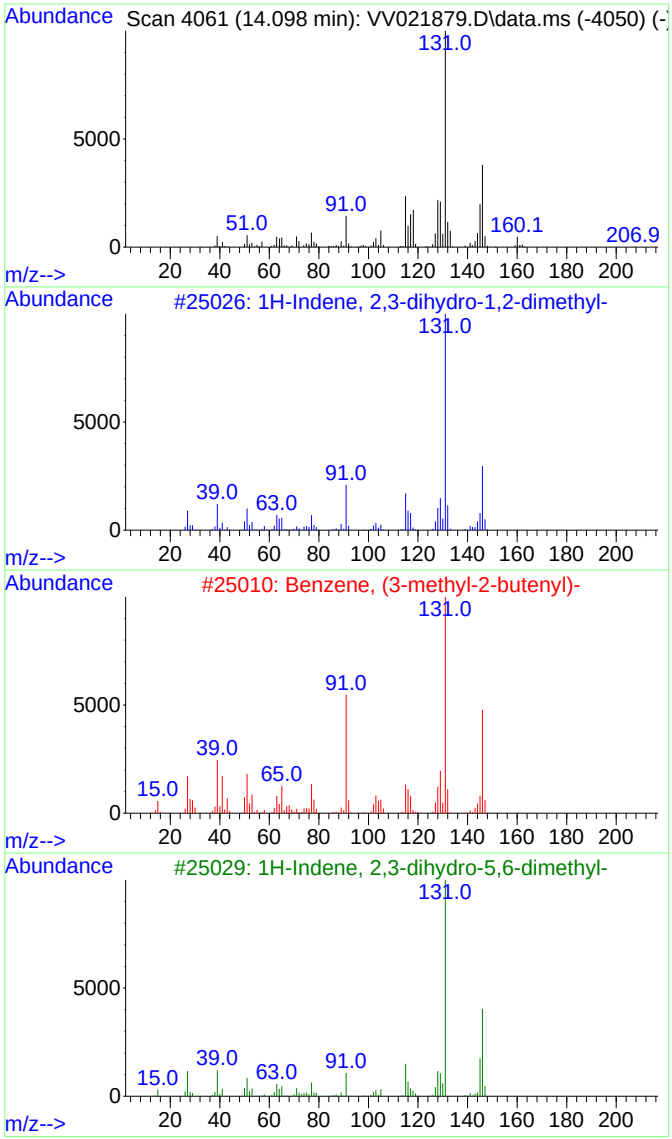
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

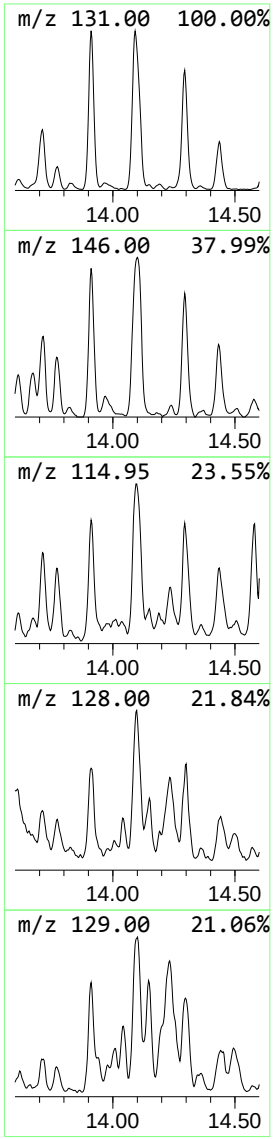
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	13.37 ug/L	361182	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	76
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

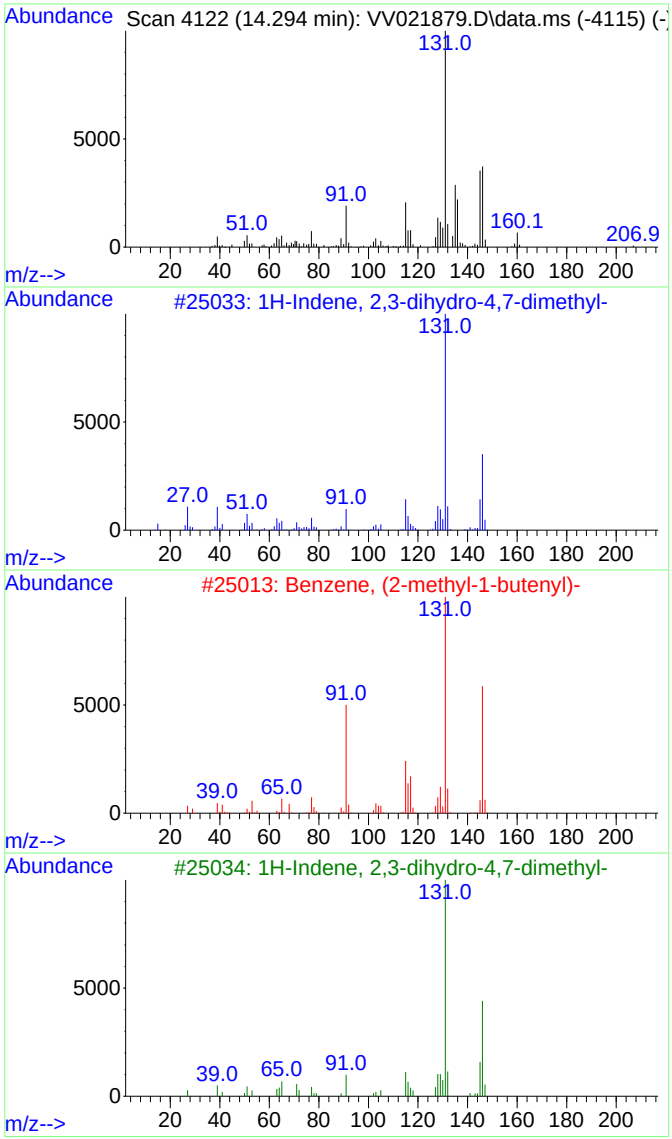
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

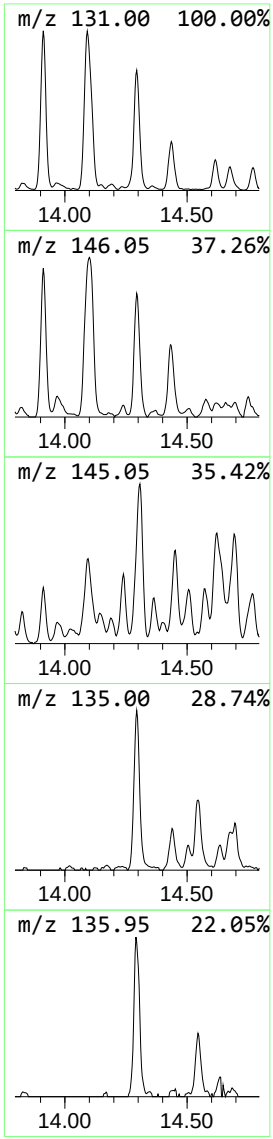
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	10.11 ug/L	273107	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	70
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

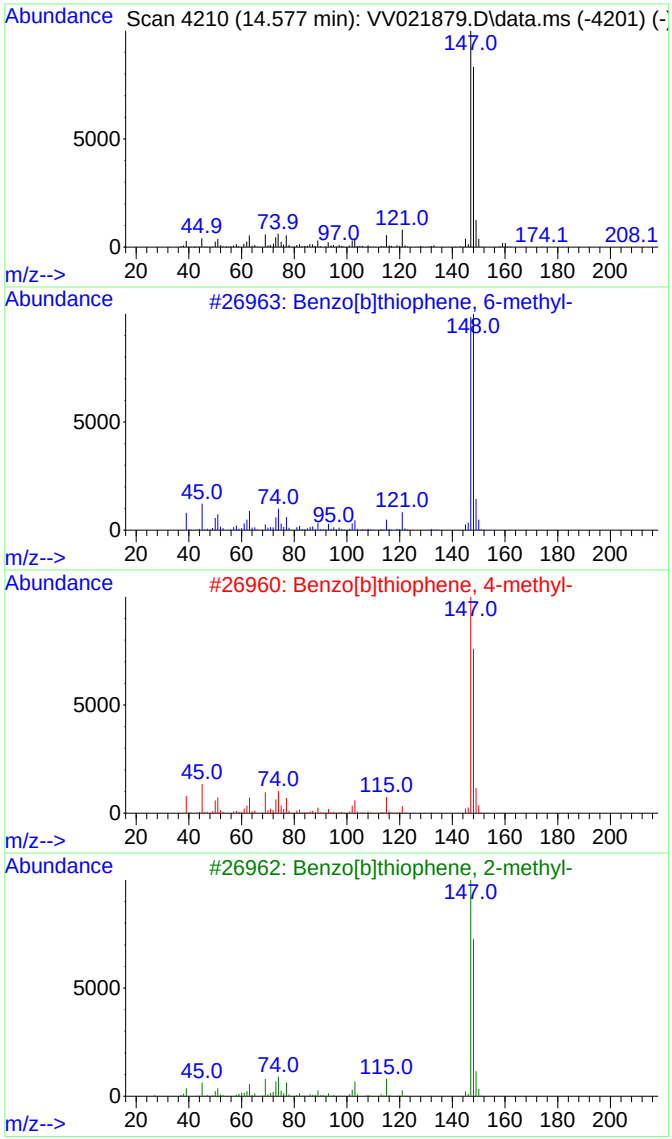
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

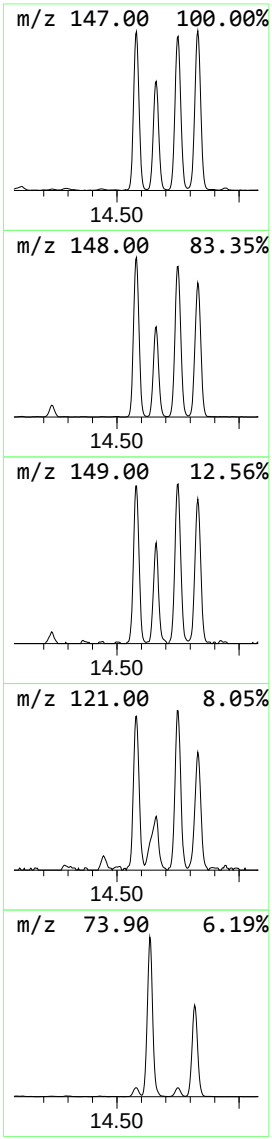
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzo[b]thiophene, 6-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.577	20.16 ug/L	544759	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	91
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	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	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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

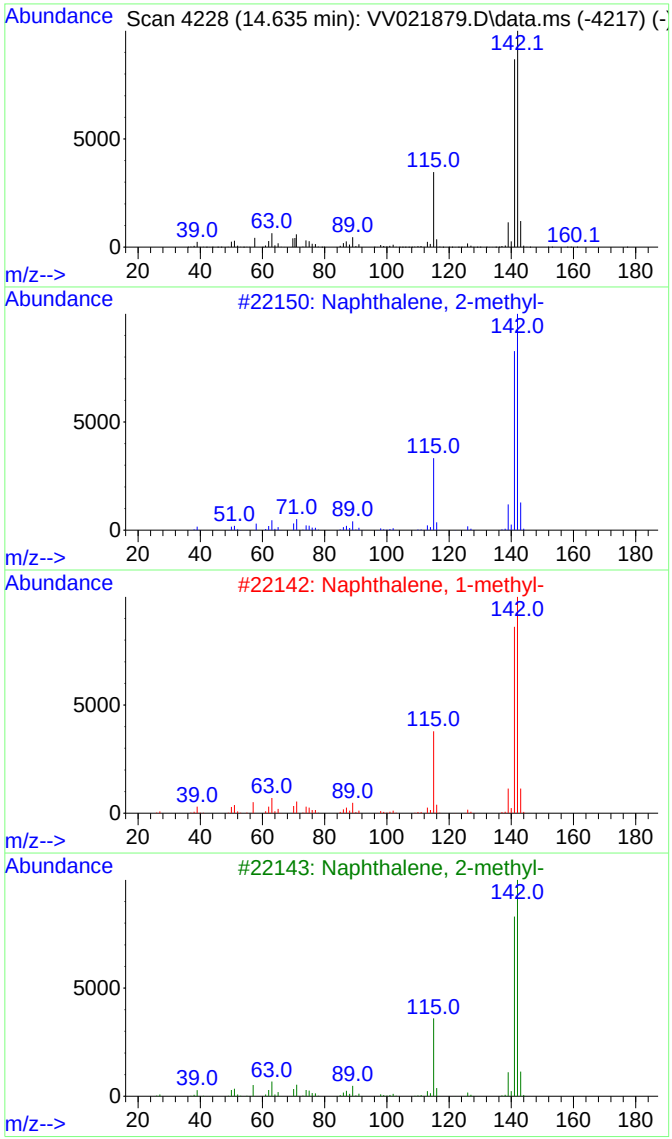
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

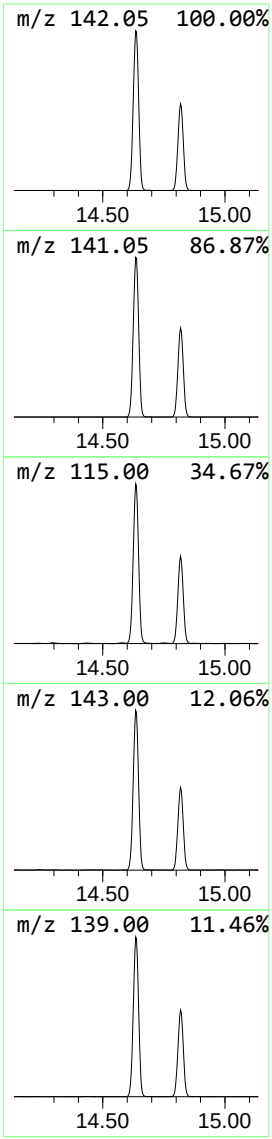
****

Peak Number 36 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	762.64 ug/L	20606100	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

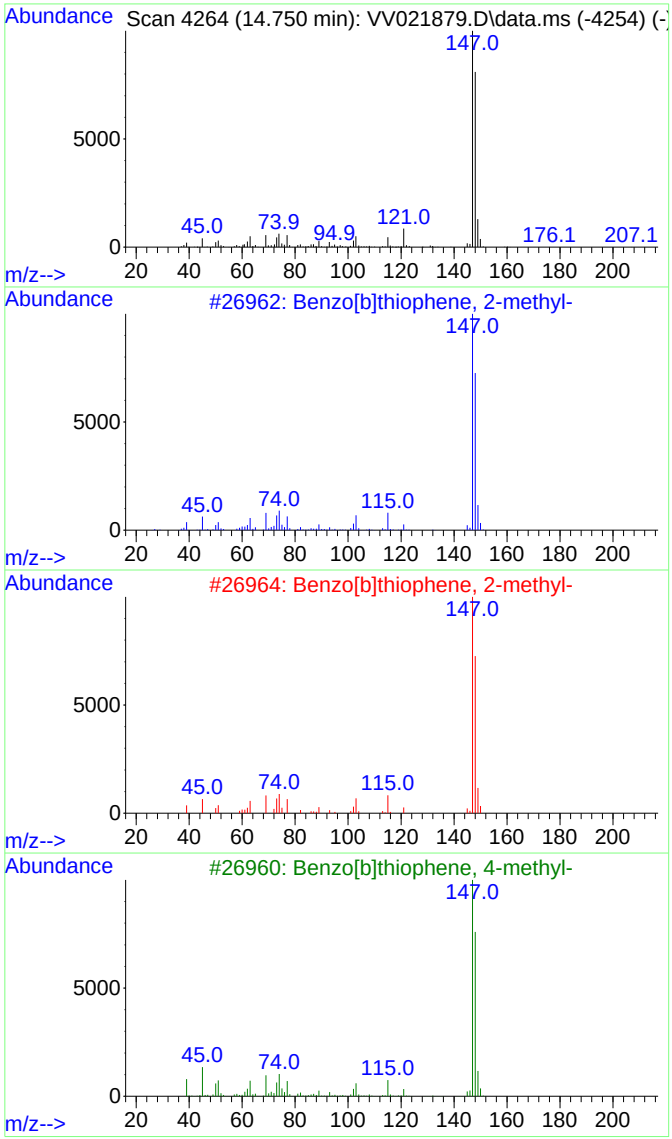
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

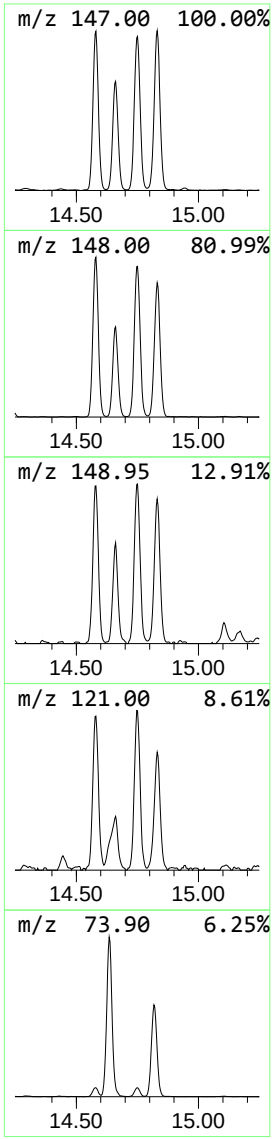
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzo[b]thiophene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.750	20.65 ug/L	557895	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	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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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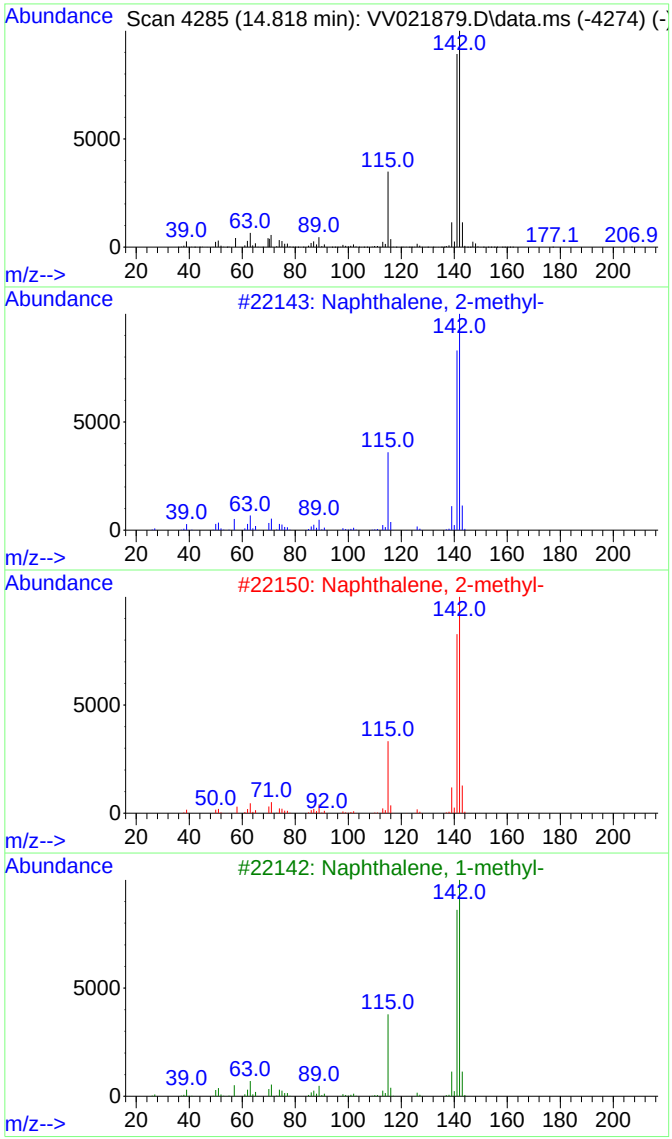
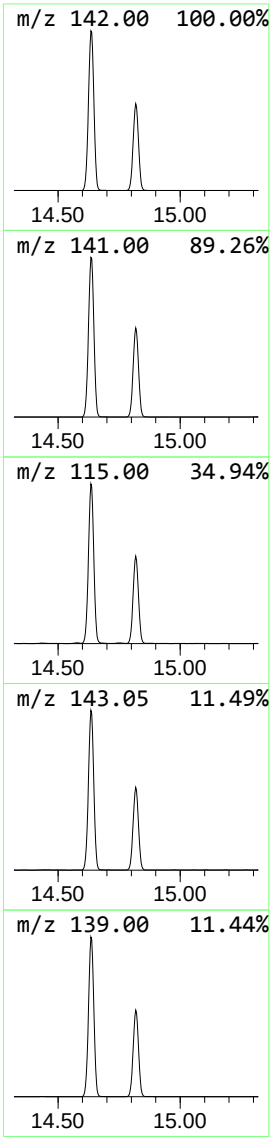
Peak Number 38 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.818	423.15 ug/L	11433200	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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

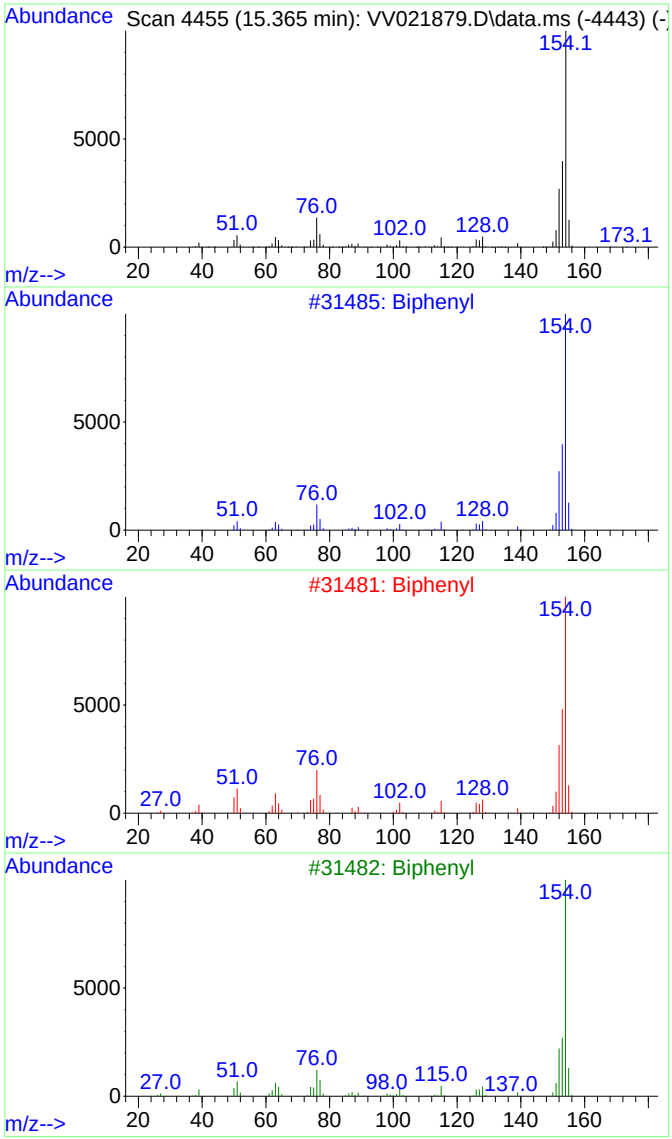
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

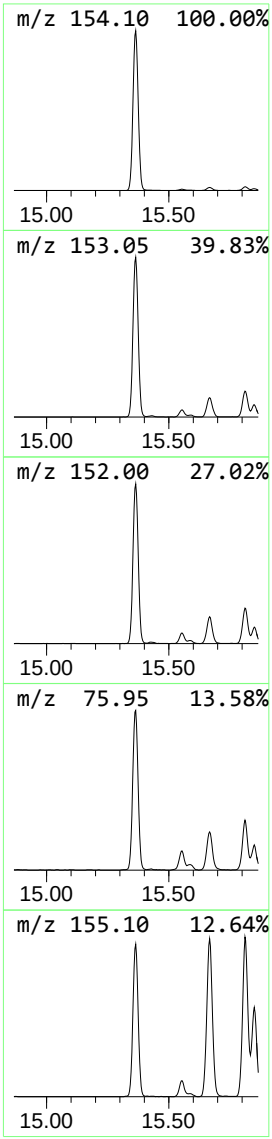
****

Peak Number 39 Biphenyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	92.16 ug/L	2490150	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	Biphenyl	154	C12H10	000092-52-4	93
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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

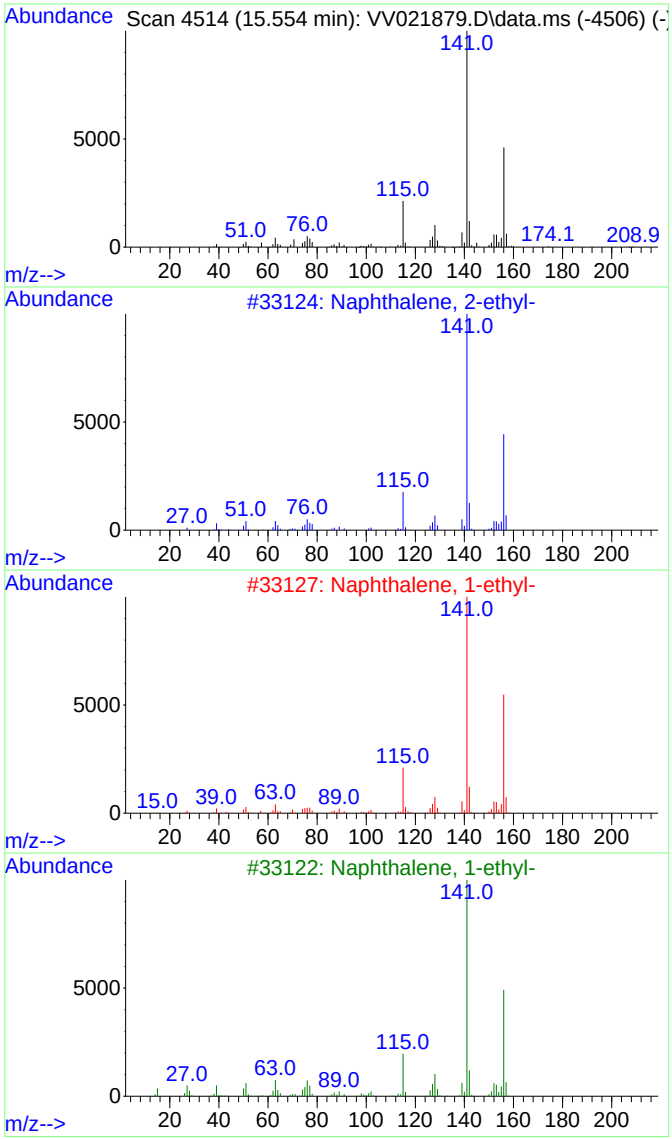
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

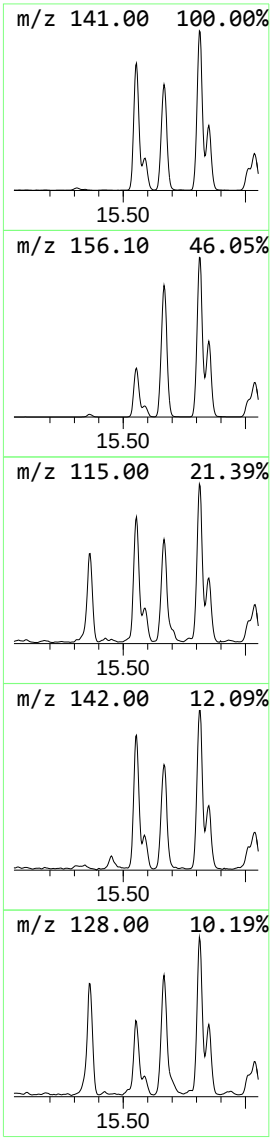
****

Peak Number 40 Naphthalene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.554	26.69 ug/L	721018	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	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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

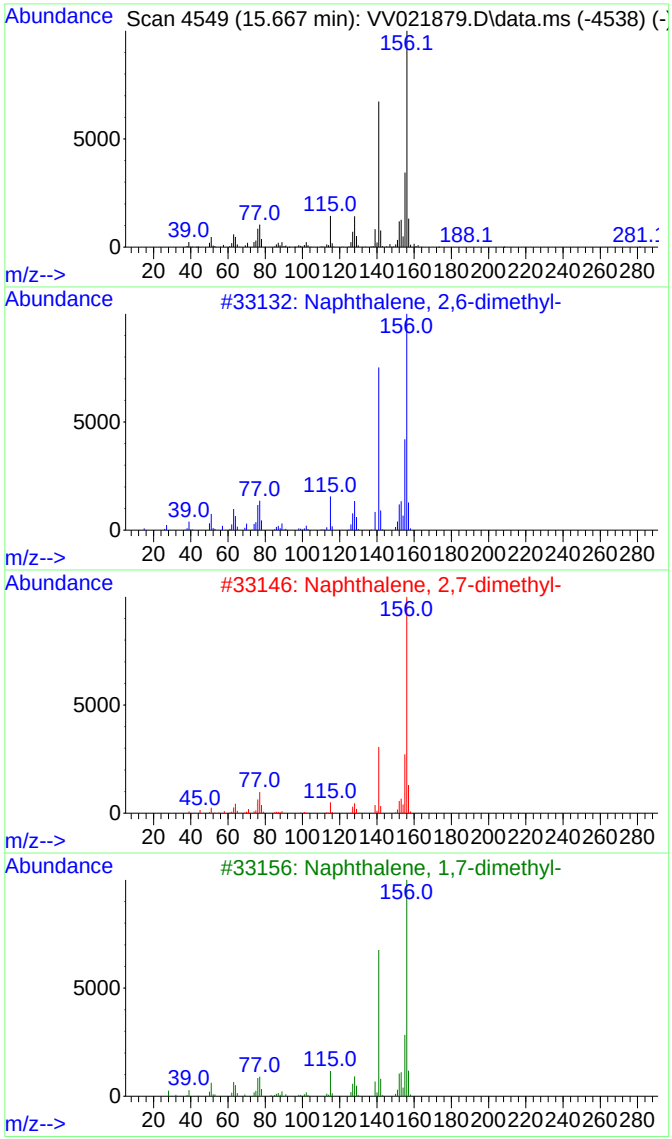
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

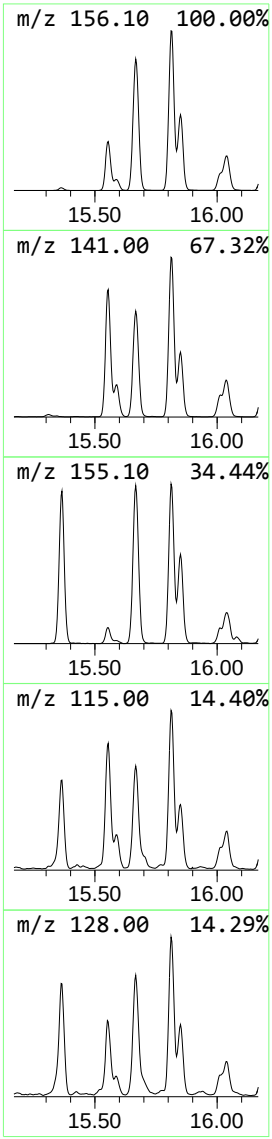
****

Peak Number 41 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.667	59.17 ug/L	1598770	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

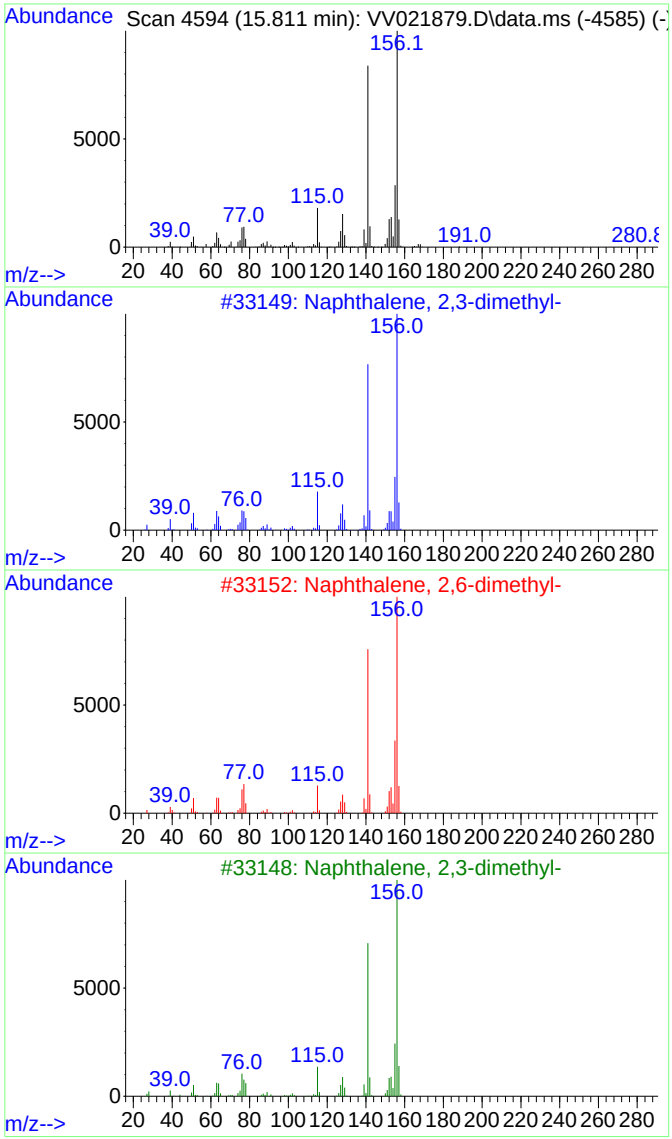
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

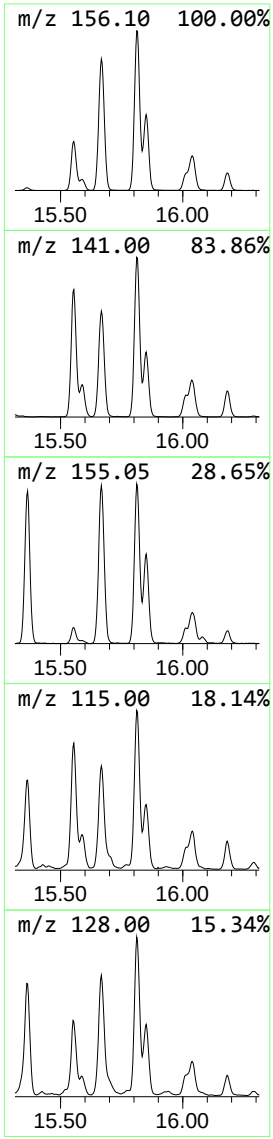
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.812	62.94 ug/L	1700730	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	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

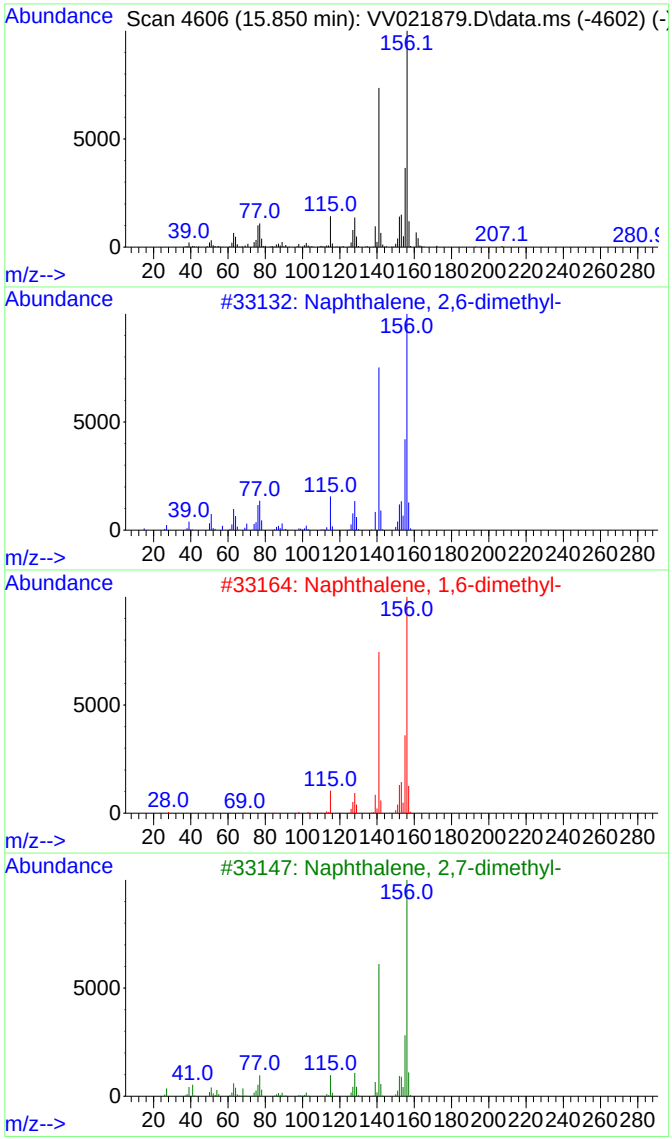
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

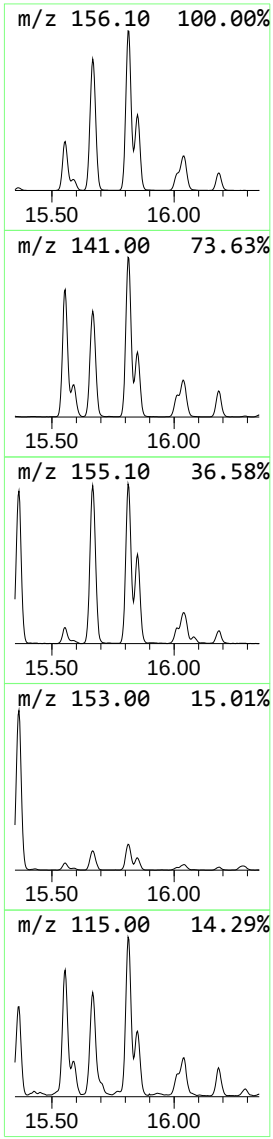
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.850	26.91 ug/L	727053	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	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

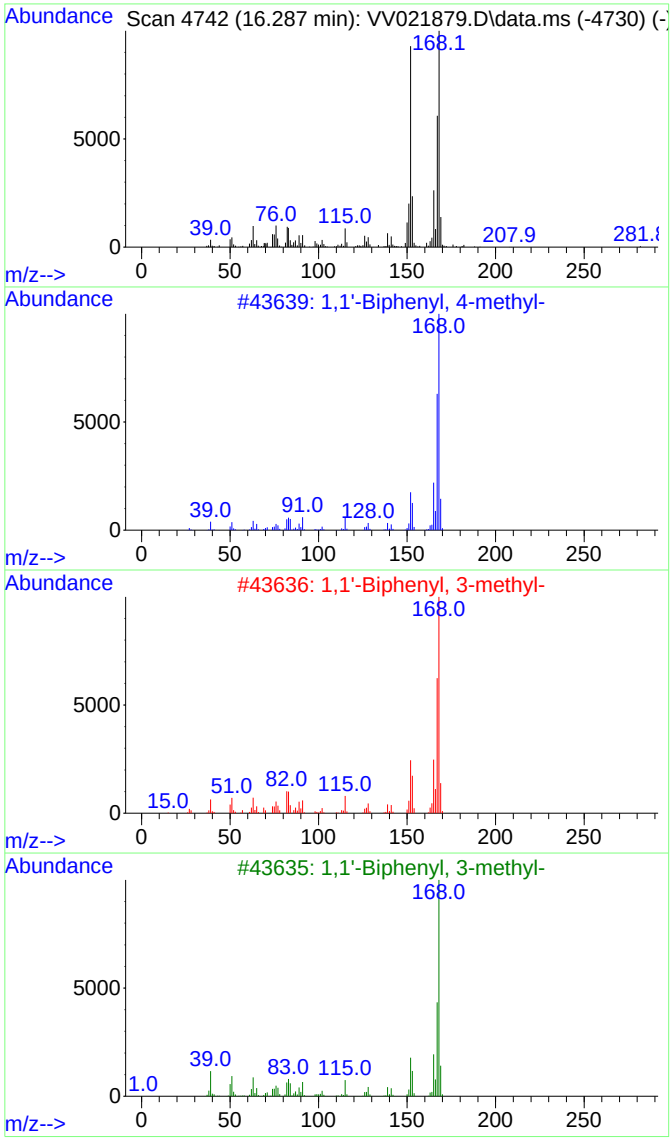
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

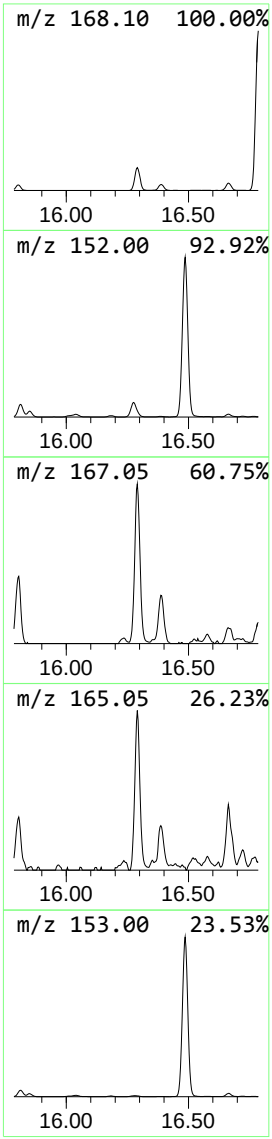
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 1,1'-Biphenyl, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	10.00 ug/L	270068	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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

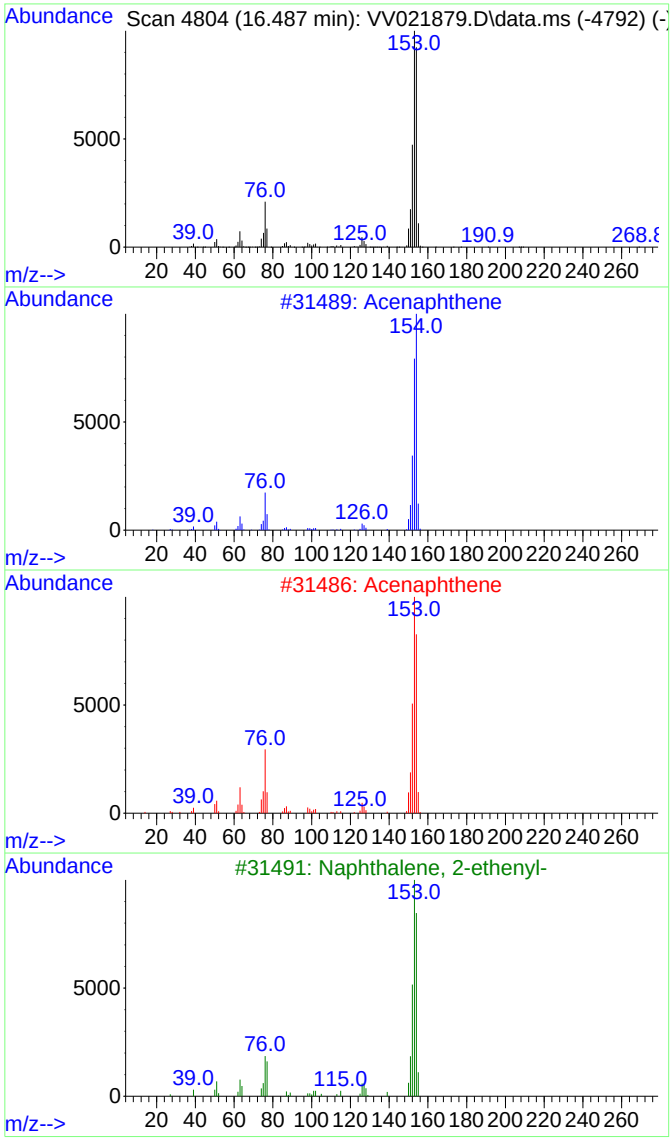
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

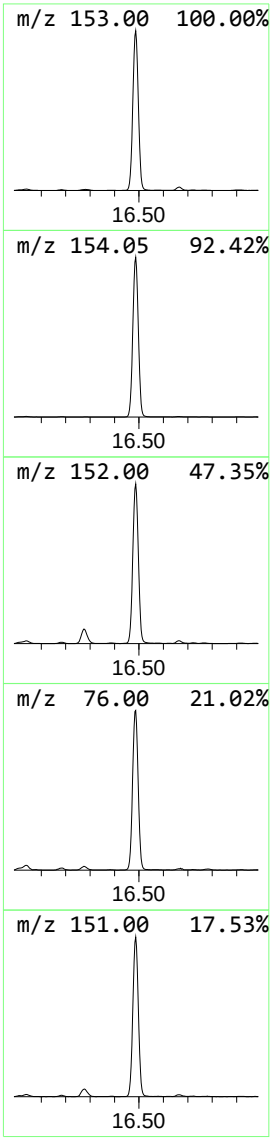
****

Peak Number 47 Acenaphthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	202.08 ug/L	5460080	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	64
4	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5	Acenaphthene	154	C12H10	000083-32-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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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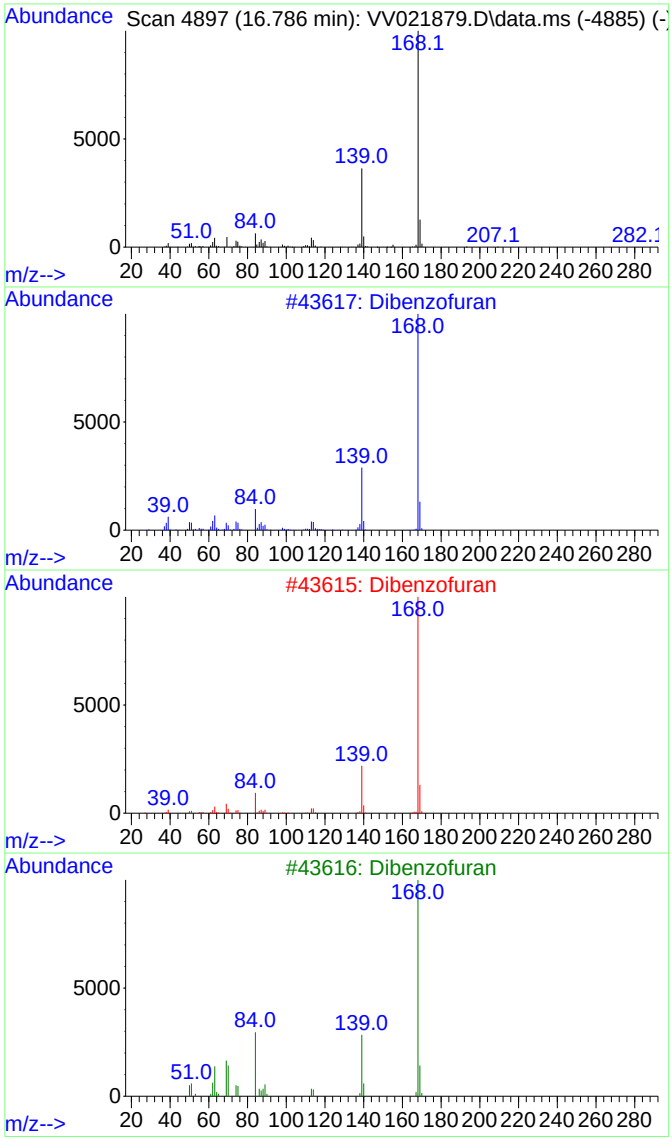
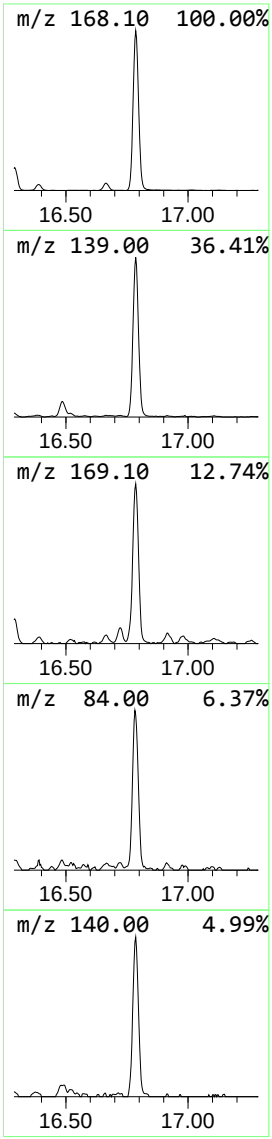
Peak Number 49 Dibenzofuran Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	24.59 ug/L	664421	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	86
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	72
5	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021879.D
Acq On : 19 Aug 2021 10:24
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA8

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	19.6	ug/L	528466	3	11.252	1350980	50.0
Benzene, 1-ethe...	10.989	10.9	ug/L	293954	3	11.252	1350980	50.0
Benzofuran	11.169	140.4	ug/L	3794120	3	11.252	1350980	50.0
Benzene, 1,2,3-...	11.336	19.4	ug/L	522747	3	11.252	1350980	50.0
Indane	11.529	111.3	ug/L	3007820	3	11.252	1350980	50.0
Indene	11.751	1131.9	ug/L	30582200	3	11.252	1350980	50.0
Benzene, 1-ethe...	12.117	20.6	ug/L	556741	3	11.252	1350980	50.0
Benzofuran, 2-m...	12.358	22.0	ug/L	594034	3	11.252	1350980	50.0
Benzofuran, 7-m...	12.464	60.1	ug/L	1624260	3	11.252	1350980	50.0
1H-Indene, 2,3-...	12.725	35.9	ug/L	968661	3	11.252	1350980	50.0
Benzene, 1-ethe...	12.886	65.1	ug/L	1759860	3	11.252	1350980	50.0
2-Methylindene	12.950	17.7	ug/L	477403	3	11.252	1350980	50.0
Naphthalene, 1,...	13.050	190.1	ug/L	5135990	3	11.252	1350980	50.0
Benzene, (1,2-d...	13.384	9.7	ug/L	262016	3	11.252	1350980	50.0
4-Phenylbut-3-e...	13.516	2541.1	ug/L	68659500	3	11.252	1350980	50.0
Benzo[c]thiophene	13.625	122.5	ug/L	3309790	3	11.252	1350980	50.0
1H-Indene, 2,3-...	14.098	13.4	ug/L	361182	3	11.252	1350980	50.0
1H-Indene, 2,3-...	14.294	10.1	ug/L	273107	3	11.252	1350980	50.0
Benzo[b]thiophe...	14.577	20.2	ug/L	544759	3	11.252	1350980	50.0
Naphthalene, 2-...	14.635	762.6	ug/L	20606100	3	11.252	1350980	50.0
Benzo[b]thiophe...	14.750	20.6	ug/L	557895	3	11.252	1350980	50.0
Naphthalene, 1-...	14.818	423.1	ug/L	11433200	3	11.252	1350980	50.0
Biphenyl	15.365	92.2	ug/L	2490150	3	11.252	1350980	50.0
Naphthalene, 2-...	15.554	26.7	ug/L	721018	3	11.252	1350980	50.0
Naphthalene, 2,...	15.667	59.2	ug/L	1598770	3	11.252	1350980	50.0
Naphthalene, 2,...	15.812	62.9	ug/L	1700730	3	11.252	1350980	50.0
Naphthalene, 1,...	15.850	26.9	ug/L	727053	3	11.252	1350980	50.0
1,1'-Biphenyl, ...	16.287	10.0	ug/L	270068	3	11.252	1350980	50.0
Acenaphthene	16.487	202.1	ug/L	5460080	3	11.252	1350980	50.0
Dibenzofuran	16.786	24.6	ug/L	664421	3	11.252	1350980	50.0