LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

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\SFAMVLM100722WMA.M
Title : VOC Analysis

Signal : TIC: VV028456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	16	21	32	rBV2	36146	38959	0.03%	0.009%
2	1.304	75	82	94	rVB	128516	135154	0.10%	0.031%
3	1.564	159	163	180	rVB	111865	134316	0.10%	0.031%
4	2.105	322	331	345	rVB	223482	335221	0.25%	0.077%
5	2.204	349	362	381	rBV2	30187	125673	0.10%	0.029%
6	3.117	637	646	661	rBV9	7315	16156	0.01%	0.004%
7	3.912	877	893	911	rBV2	62855	259129	0.20%	0.060%
8	4.342	1010	1027	1052	rBV	183095	459363	0.35%	0.106%
9	5.095	1228	1261	1326	rBV	16549572	38210067	29.01%	8.802%
10	5.355	1331	1342	1378	rVB	228287	510645	0.39%	0.118%
11	5.612	1411	1422	1450	rVB	357367	723579	0.55%	0.167%
12	6.066	1550	1563	1591	rBV	251680	534244	0.41%	0.123%
13	6.201	1598	1605	1612	rBV2	11623	21797	0.02%	0.005%
14	6.362	1647	1655	1664	rBV3	4220	8951	0.01%	0.002%
15	6.802	1783	1792	1793	rBV6	2064	2181	0.00%	0.001%
16	6.982	1836	1848	1871	rBV	151999	287117	0.22%	0.066%
17	7.243	1919	1929	1939	rBV8	5093	10841	0.01%	0.002%
18	7.313	1939	1951	1960	rVV	545903	948509	0.72%	0.219%
19	7.387	1960	1974	2004	rVV	23207846	41487166	31.49%	9.557%
20	7.516	2006	2014	2035	rVV	184351	348250	0.26%	0.080%
21	7.616	2037	2045	2059	rVV	110338	189780	0.14%	0.044%
22	7.693	2059	2069	2093	rVB	177321	322837	0.25%	0.074%
23	8.014	2162	2169	2181	rBV4	9023	19725	0.01%	0.005%
24	8.085	2181	2191	2207	rBV	403196	741890	0.56%	0.171%
25	8.747	2394	2397	2404	rVB7	1638	2027	0.00%	0.000%
26	8.847	2408	2428	2458	rBV	531206	904114	0.69%	0.208%
27	9.005	2465	2477	2500	rBV	2271305	3560859	2.70%	0.820%
28	9.133	2501	2517	2548	rVB	12052963	19358210	14.70%	4.459%
29	9.300	2561	2569	2587	rVB	117012	200097	0.15%	0.046%
30	9.390	2587	2597	2619	rBV	143432	228050	0.17%	0.053%
31	9.493	2619	2629	2632	rBV	83506	112254	0.09%	0.026%
32	9.548	2632	2646	2678	rVB4	9794800	20630919	15.66%	4.753%
33	9.699	2687	2693	2705	rVB	30912	46060	0.03%	0.011%
34	9.770	2707	2715	2736	rVB2	52934	121312	0.09%	0.028%
35	9.860	2738	2743	2752	rVV5	9671	14592	0.01%	0.003%
36	9.924	2753	2763	2788	rVB	120727	201445	0.15%	0.046%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
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Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

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\SFAMVLM100722WMA.M
Title : VOC Analysis

37	10.210	2839	2852	2863	rBV	349835	550061	0.42%	0.127%
38	10.271	2863	2871	2885	rVB	106417	161962	0.12%	0.037%
39	10.349	2885	2895	2911	rBV	89740	154014	0.12%	0.035%
40	10.439	2912	2923	2941	rBV	1081765	2227969	1.69%	0.513%
41	10.532	2941	2952	2965	rVB	1670323	2467319	1.87%	0.568%
42	10.728	3003	3013	3019	rBV	352872	546211	0.41%	0.126%
43	10.905	3049	3068	3081	rBV	3556747	5505522	4.18%	1.268%
44	10.976	3081	3090	3099	rVV	1804042	2675352	2.03%	0.616%
45	11.027	3099	3106	3119	rVB	616885	921598	0.70%	0.212%
46	11.162	3135	3148	3163	rBV	10711793	16767860	12.73%	3.863%
47	11.239	3163	3172	3188	rVB	658950	1048731	0.80%	0.242%
48	11.326	3188	3199	3208	rBV	1557804	2372139	1.80%	0.546%
49	11.381	3208	3216	3245	rVB2	884245	1669098	1.27%	0.384%
50	11.519	3246	3259	3272	rBV	5711997	8876341	6.74%	2.045%
51	11.619	3281	3290	3308	rVB2	644212	1422742	1.08%	0.328%
52	11.747	3314	3330	3347	rBV	29223121	48442365	36.77%	11.159%
53	11.905	3370	3379	3383	rBV	97064	147611	0.11%	0.034%
54	12.008	3403	3411	3418	rBV	252654	353782	0.27%	0.081%
55	12.107	3433	3442	3457	rBV	257280	404883	0.31%	0.093%
56	12.185	3459	3466	3475	rVB	143552	203844	0.15%	0.047%
57	12.249	3475	3486	3495	rBV5	118333	234528	0.18%	0.054%
58	12.349	3506	3517	3527	rVB3	1975223	3481186	2.64%	0.802%
59	12.403	3528	3534	3539	rBV	234865	300175	0.23%	0.069%
60	12.455	3539	3550	3560	rBV	4653515	8386837	6.37%	1.932%
61	12.580	3583	3589	3601	rVB2	103185	167315	0.13%	0.039%
62	12.660	3608	3614	3622	rVB	144885	197882	0.15%	0.046%
63	12.715	3623	3631	3640	rVB	468465	657827	0.50%	0.152%
64	12.873	3663	3680	3690	rBV2	1387724	2271595	1.72%	0.523%
65	12.937	3690	3700	3714	rVB	2424623	3580632	2.72%	0.825%
66	13.043	3721	3733	3753	rVB	2498007	4027419	3.06%	0.928%
67	13.139	3754	3763	3775	rBV5	85843	157936	0.12%	0.036%
68	13.207	3776	3784	3793	rVB3	84903	127786	0.10%	0.029%
69	13.268	3793	3803	3810	rBV6	78717	152140	0.12%	0.035%
70	13.394	3830	3842	3851	rBV8	71614	164722	0.13%	0.038%
71	13.519	3860	3881	3894	rBV2	58660979	131728455	100.00%	30.345%
72	13.615	3900	3911	3921	rBV	6019234	9205916	6.99%	2.121%
73	13.757	3948	3955	3964	rVB2	106436	154799	0.12%	0.036%
74	13.818	3964	3974	3984	rVB4	100235	166728	0.13%	0.038%
75	13.902	3991	4000	4009	rBV5	100949	192640	0.15%	0.044%
76	14.030	4034	4040	4047	rVB	84055	108906	0.08%	0.025%

LSC Area Percent Report

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Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

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\SFAMVLM100722WMA.M
Title : VOC Analysis

77	14.085	4048	4057	4066	rBV5	138140	255142	0.19%	0.059%
78	14.136	4067	4073	4083	rVB2	103712	152435	0.12%	0.035%
79	14.213	4089	4097	4110	rVV3	88704	170673	0.13%	0.039%
80	14.281	4113	4118	4127	rVB2	47853	65871	0.05%	0.015%
81	14.426	4148	4163	4171	rBV7	26088	69639	0.05%	0.016%
82	14.477	4173	4179	4192	rVB2	71722	121737	0.09%	0.028%
83	14.564	4195	4206	4213	rBV	365915	590697	0.45%	0.136%
84	14.622	4213	4224	4248	rVB	12740256	19609184	14.89%	4.517%
85	14.734	4249	4259	4269	rBV	298348	477917	0.36%	0.110%
86	14.805	4269	4281	4295	rBV	7806737	11965731	9.08%	2.756%
87	15.088	4363	4369	4380	rVB4	20569	32407	0.02%	0.007%
88	15.300	4427	4435	4438	rBV2	11369	17647	0.01%	0.004%
89	15.348	4440	4450	4463	rVB	844258	1234673	0.94%	0.284%
90	15.509	4493	4500	4501	rBV3	28781	30673	0.02%	0.007%
91	15.538	4502	4509	4516	rVV	127605	179883	0.14%	0.041%
92	15.651	4533	4544	4567	rVB	749218	1329950	1.01%	0.306%
93	15.795	4571	4589	4596	rVV	1024495	1658546	1.26%	0.382%
94	15.834	4597	4601	4615	rVB	586950	785756	0.60%	0.181%
95	15.930	4623	4631	4641	rVB4	28705	52077	0.04%	0.012%
96	15.998	4641	4652	4653	rBV2	143853	171222	0.13%	0.039%
97	16.165	4695	4704	4721	rVB	136446	214614	0.16%	0.049%
98	16.255	4722	4732	4750	rVV	352963	626306	0.48%	0.144%
99	16.467	4788	4798	4819	rBV	301261	469695	0.36%	0.108%
100	16.770	4882	4892	4908	rVB	104913	177833	0.13%	0.041%

Sum of corrected areas: 434096625

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
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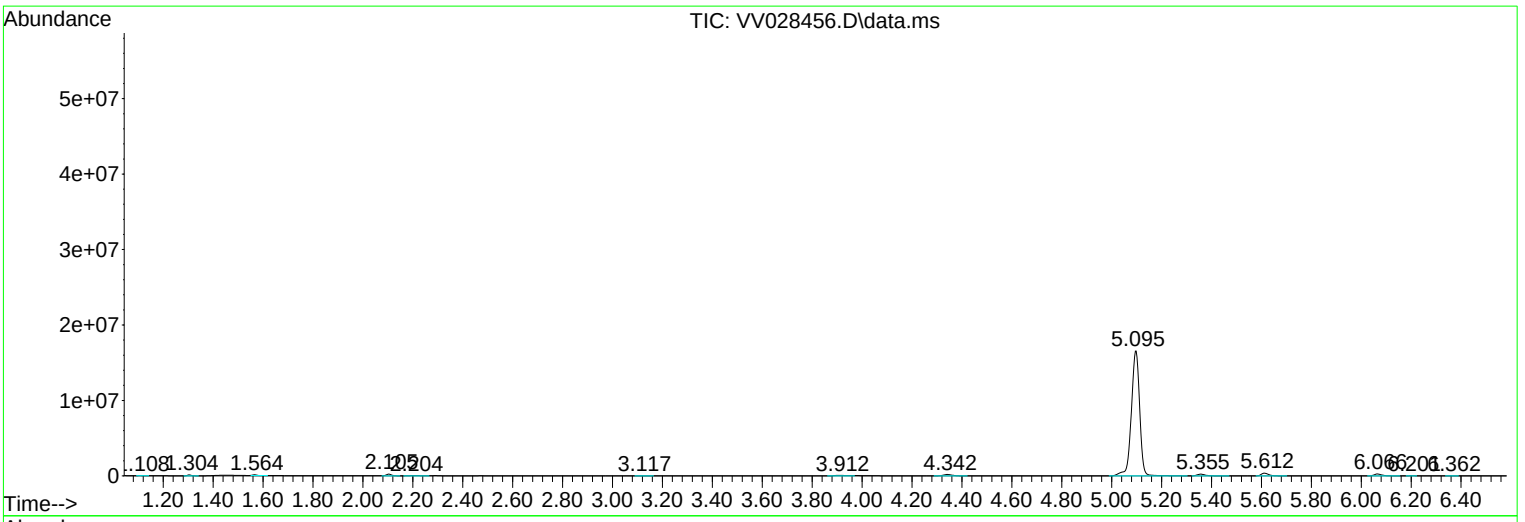
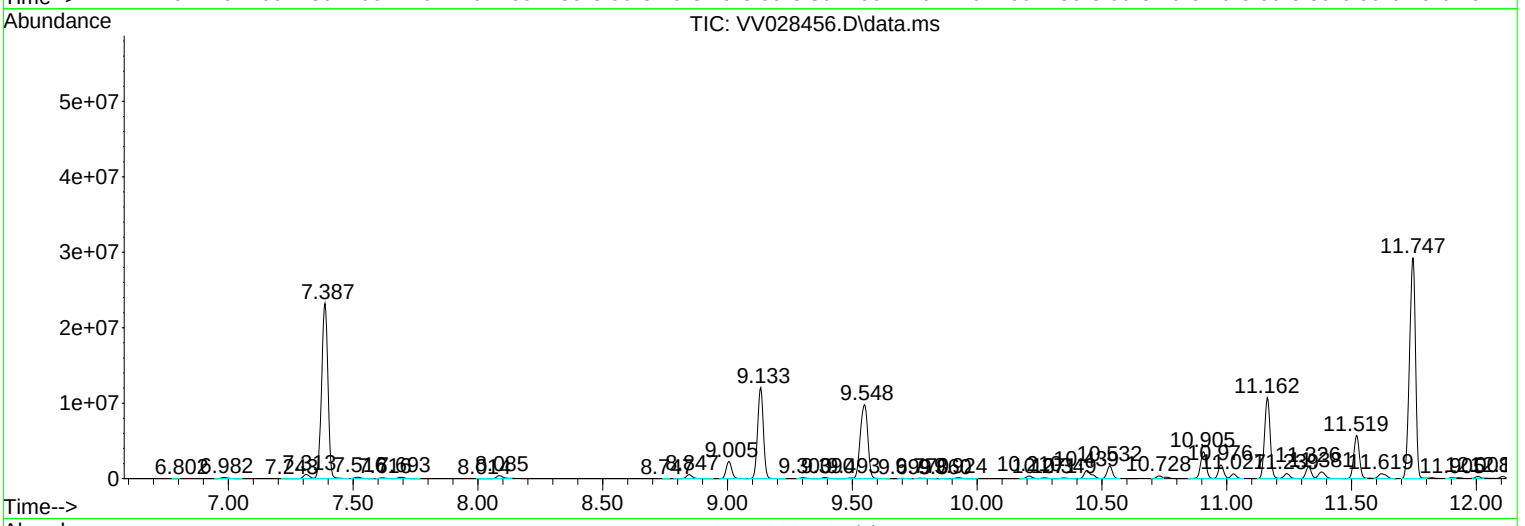
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

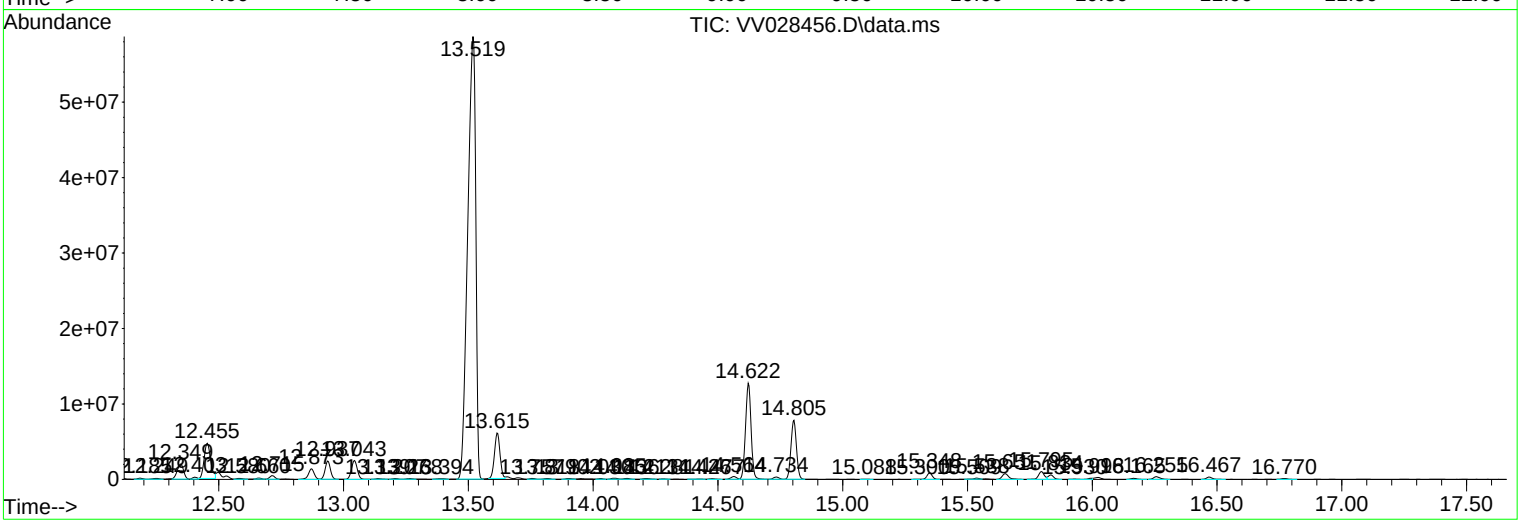
Instrument :
MSVOA_V
ClientSampleId :
E10007

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

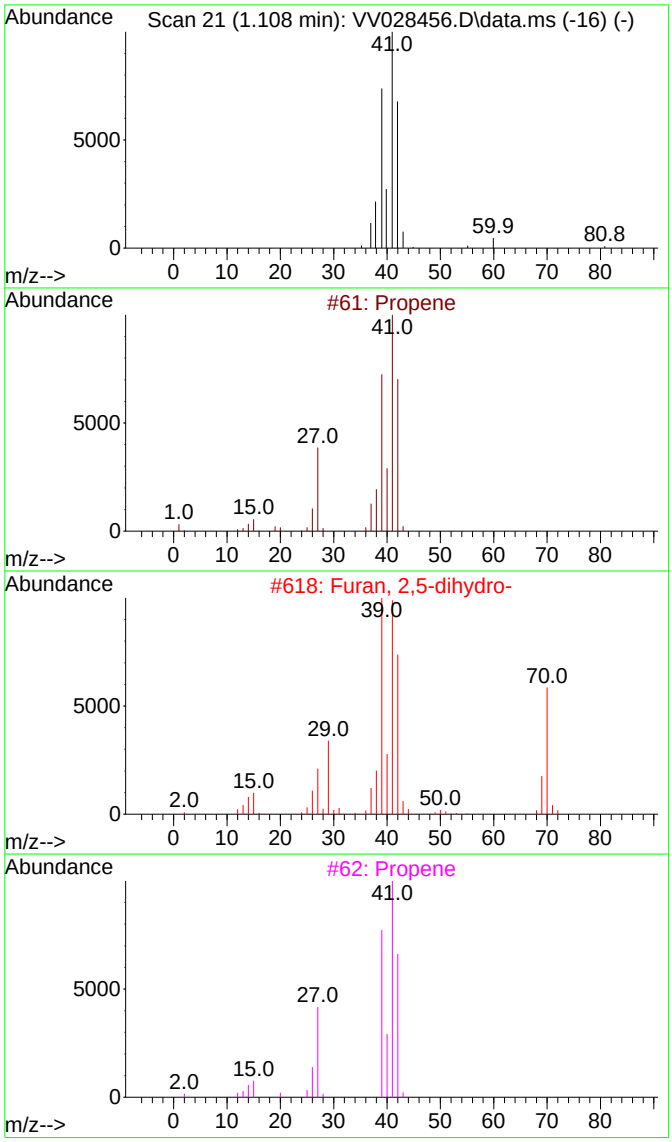
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

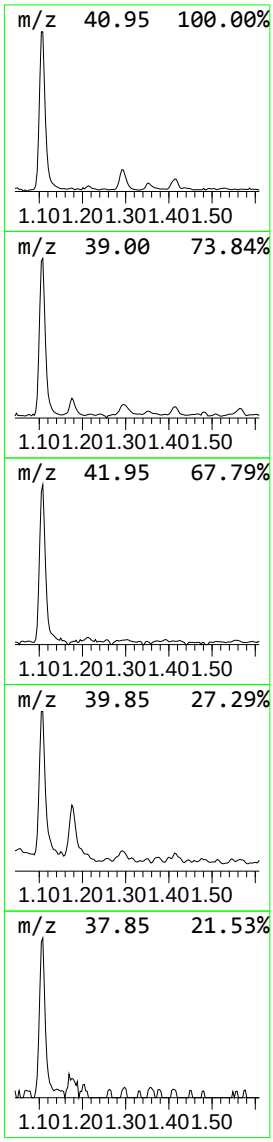
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	2.69 ug/L	38959	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	72
3	Propene	42	C3H6	000115-07-1	45
4	2-Butenal	70	C4H6O	004170-30-3	43
5	2-Butenal, (Z)-	70	C4H6O	015798-64-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

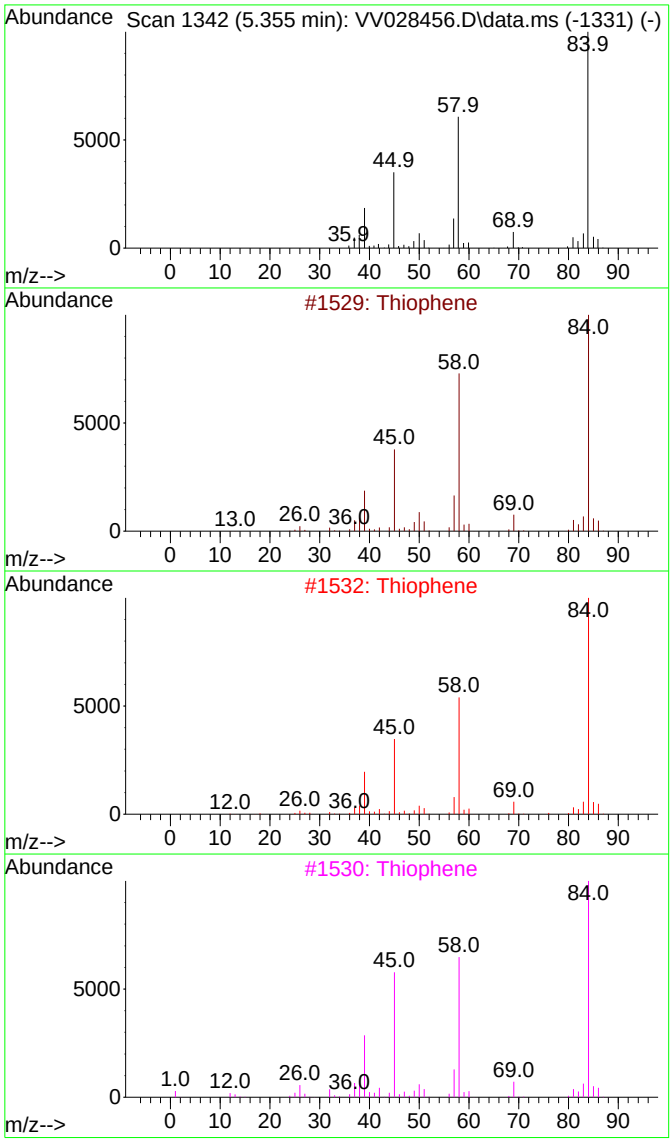
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

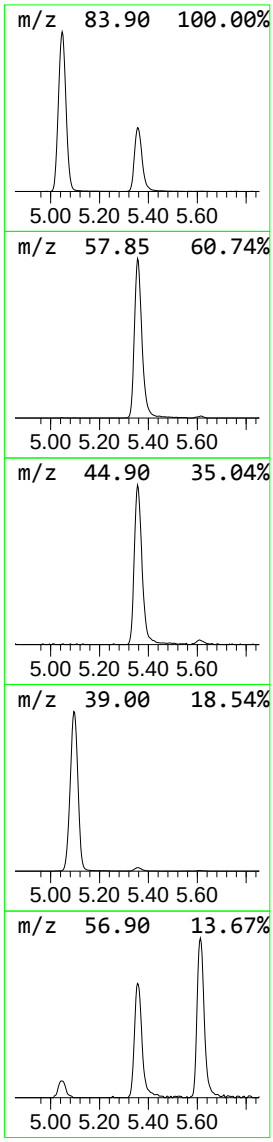
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Thiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.355	35.29 ug/L	510645	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	97
2	Thiophene	84	C4H4S	000110-02-1	95
3	Thiophene	84	C4H4S	000110-02-1	91
4	Thiophene	84	C4H4S	000110-02-1	91
5	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

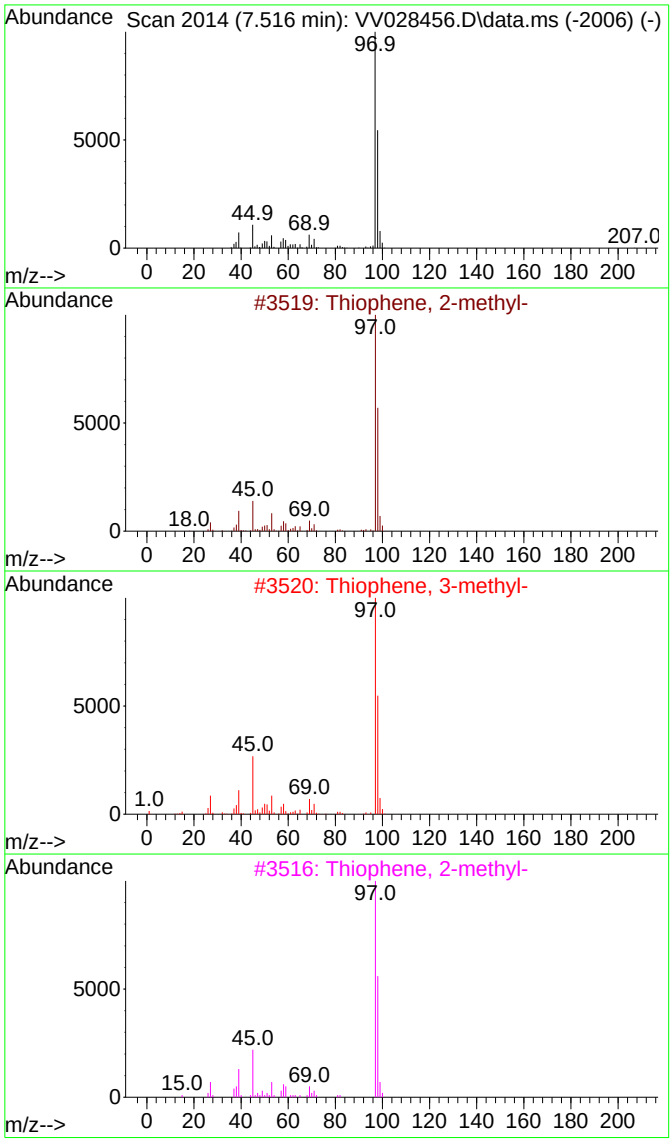
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

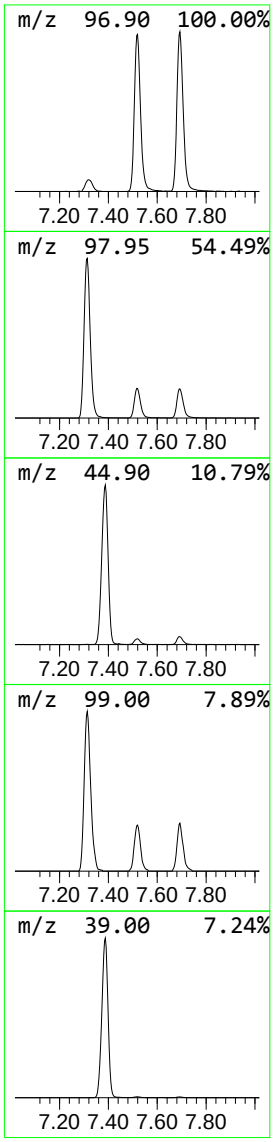
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Thiophene, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.516	19.26 ug/L	348250	Chlorobenzene-d5	8.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	94
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
3	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
4	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

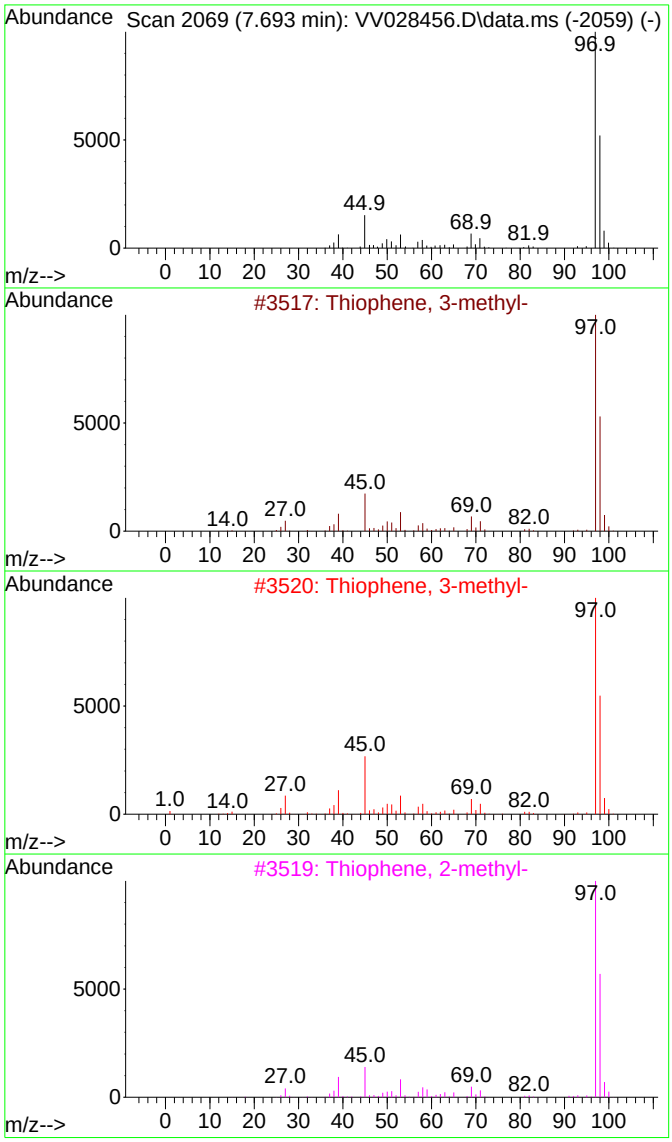
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

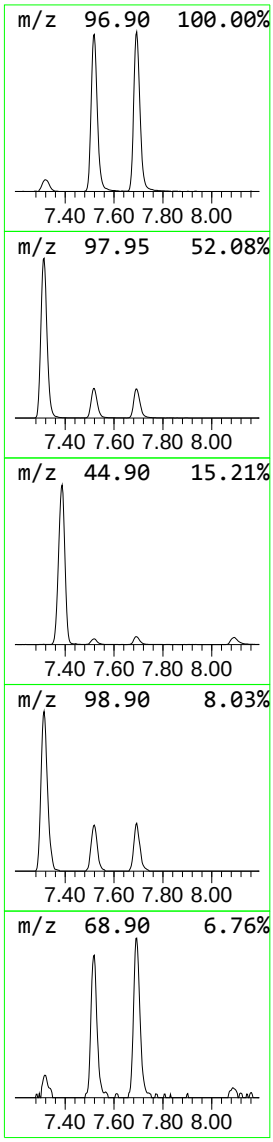
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Thiophene, 3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.693	17.85 ug/L	322837	Chlorobenzene-d5	8.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	97
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
3	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	93
4	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

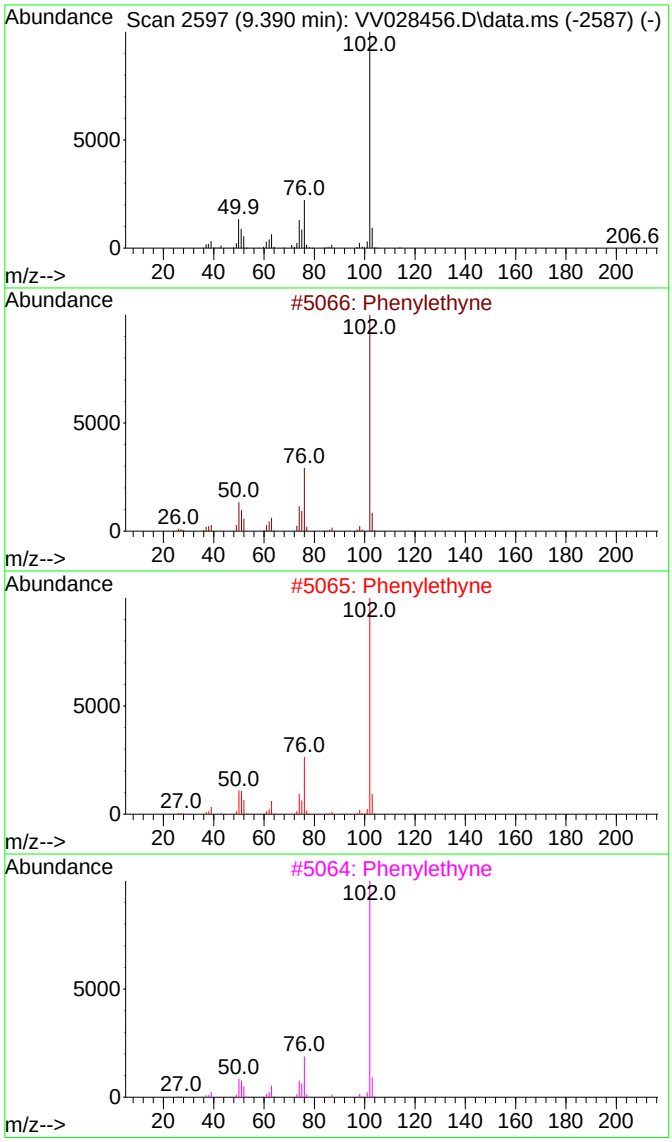
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

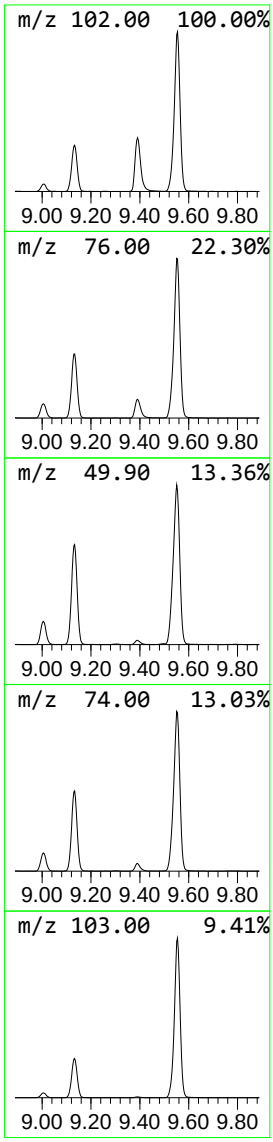
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenylethyne Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.390	12.61 ug/L	228050	Chlorobenzene-d5	8.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenylethyne	102	C8H6	000536-74-3	97
2	Phenylethyne	102	C8H6	000536-74-3	95
3	Phenylethyne	102	C8H6	000536-74-3	93
4	Phenylethyne	102	C8H6	000536-74-3	93
5	Phenylpropiolic acid	146	C9H6O2	000637-44-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

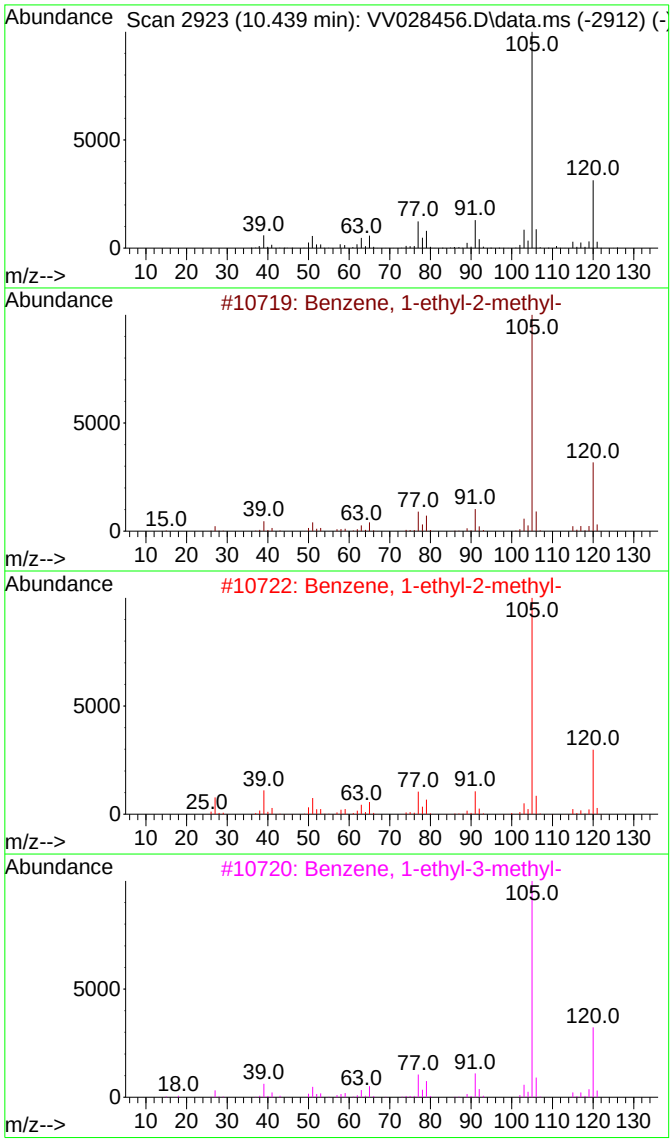
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

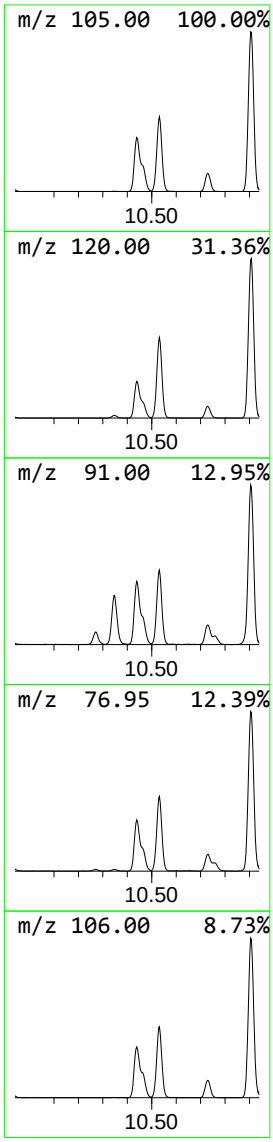
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	106.22 ug/L	2227970	1,4-Dichlorobenzene-d4	11.243

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-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

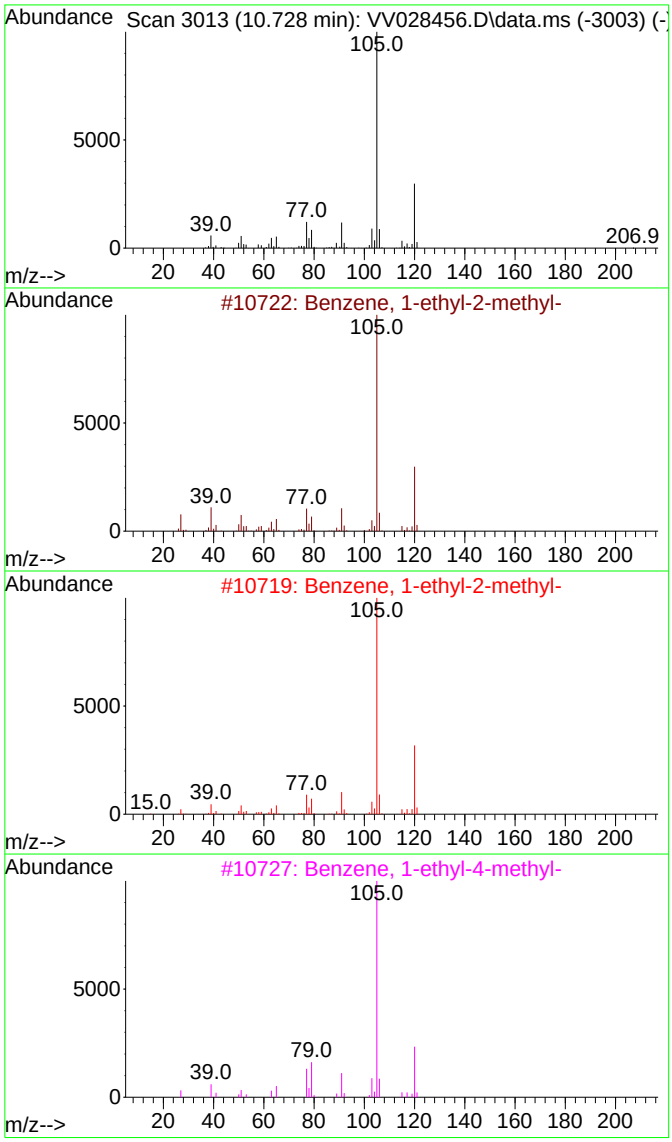
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

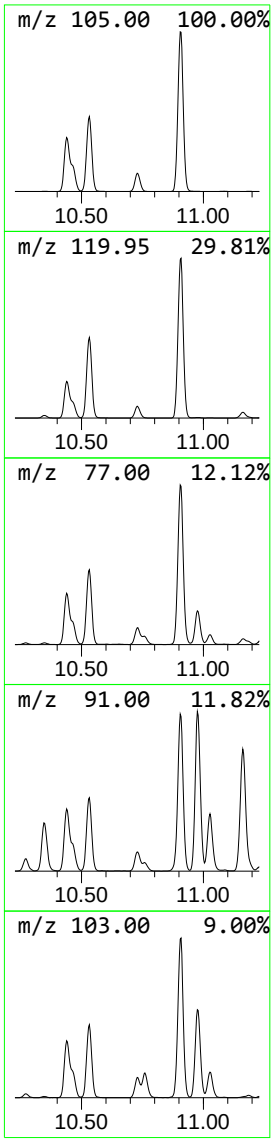
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	26.04 ug/L	546211	1,4-Dichlorobenzene-d4	11.243

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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

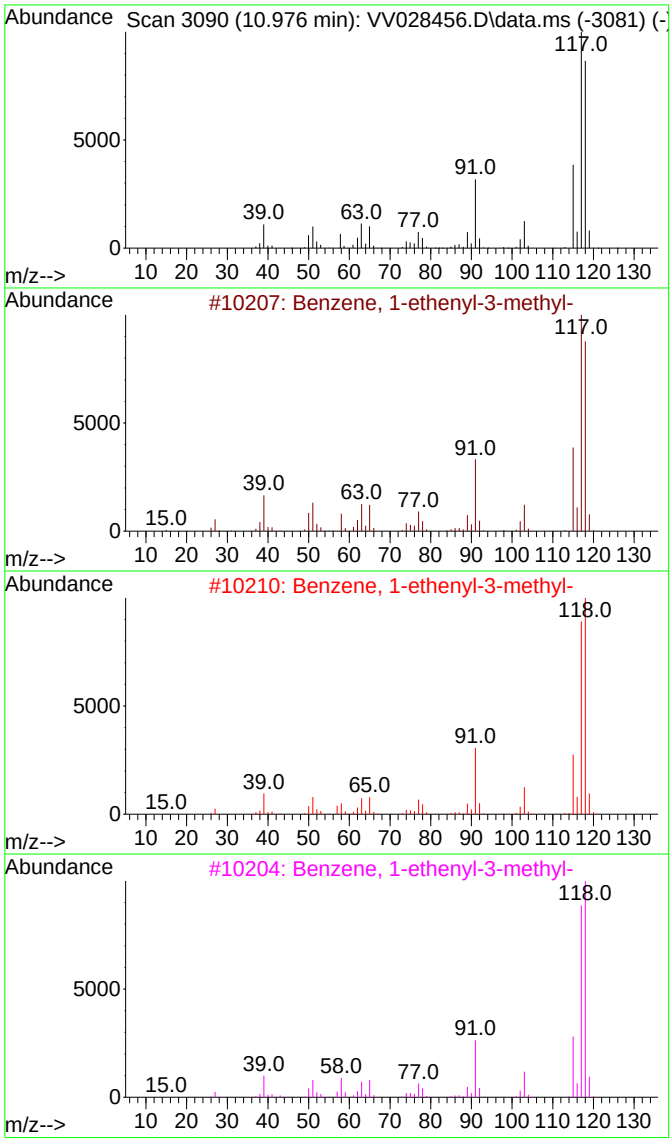
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

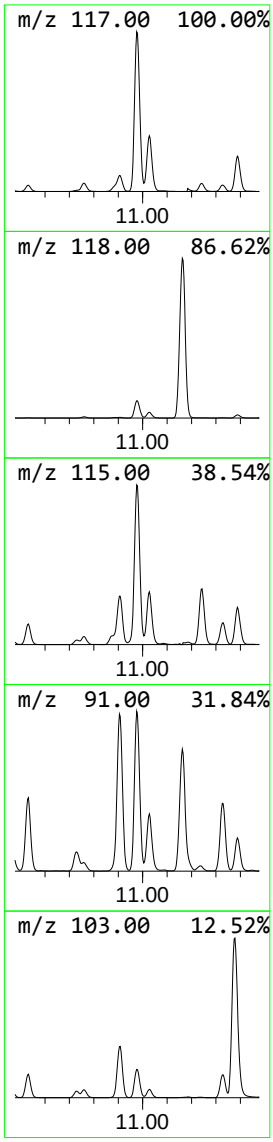
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethenyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.976	127.55 ug/L	2675350	1,4-Dichlorobenzene-d4	11.243

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-3-methyl-	118	C9H10	000100-80-1	96
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

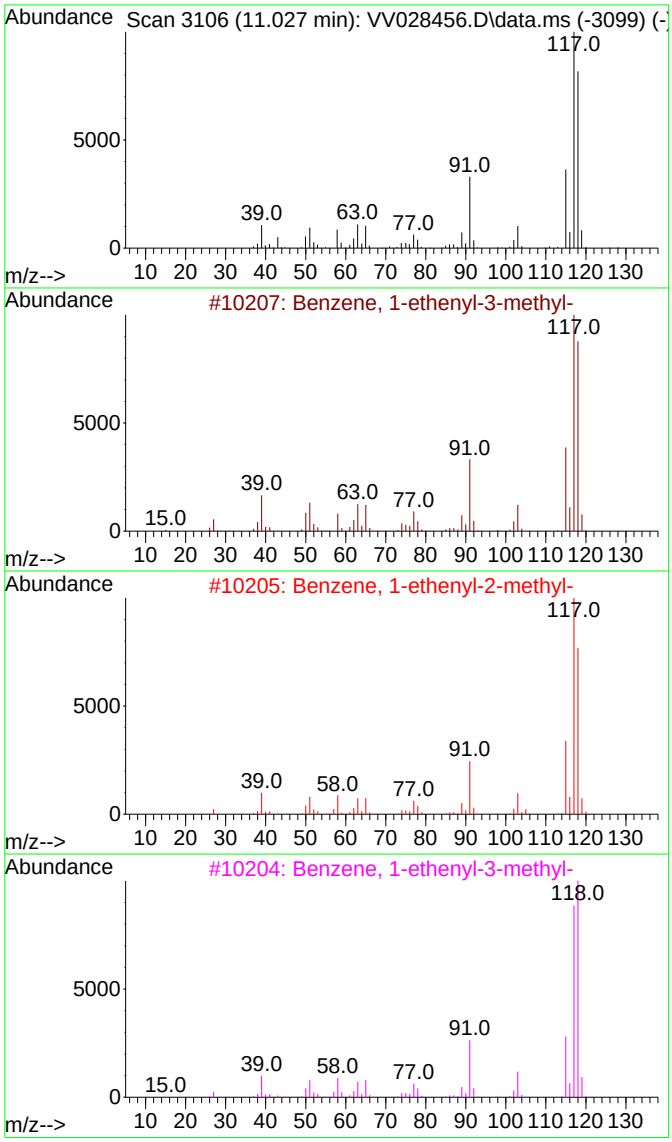
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

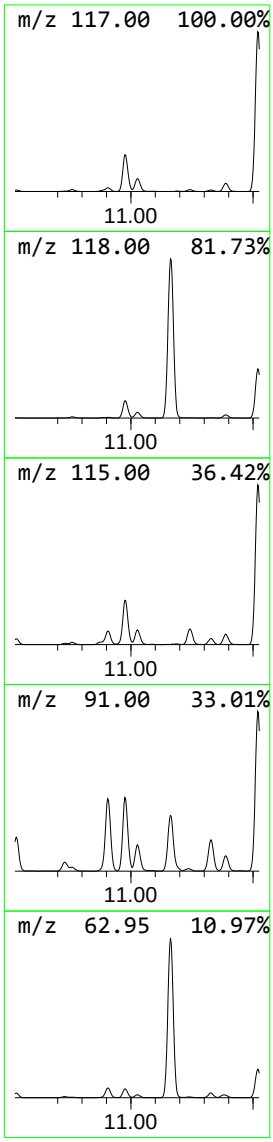
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.027	43.94 ug/L	921598	1,4-Dichlorobenzene-d4	11.243

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-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

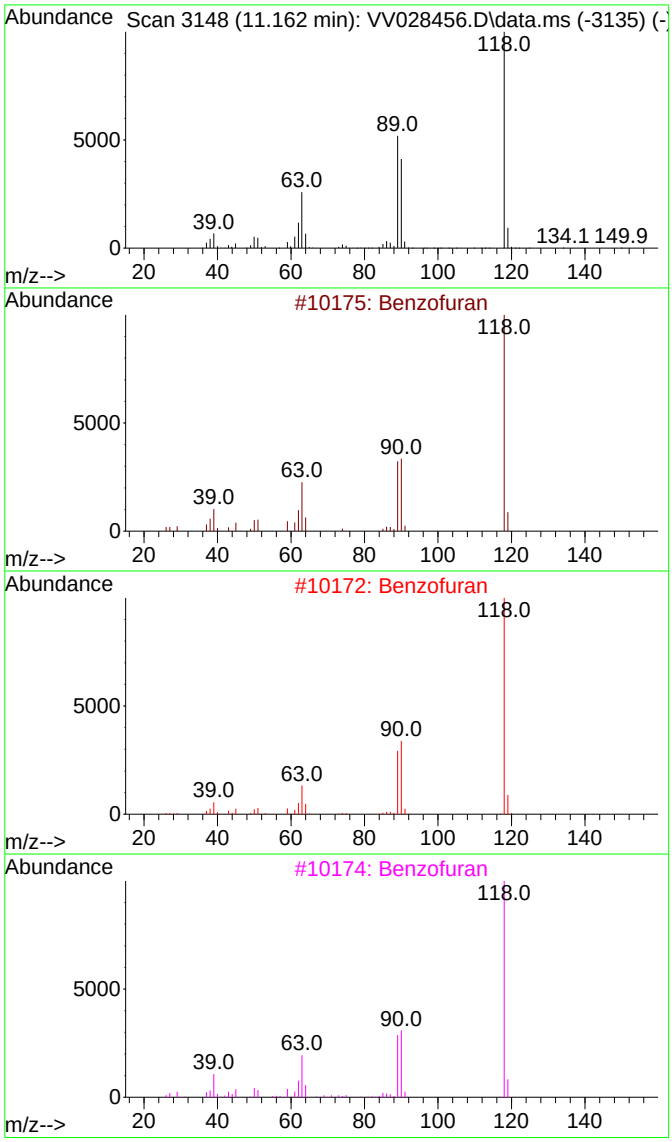
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

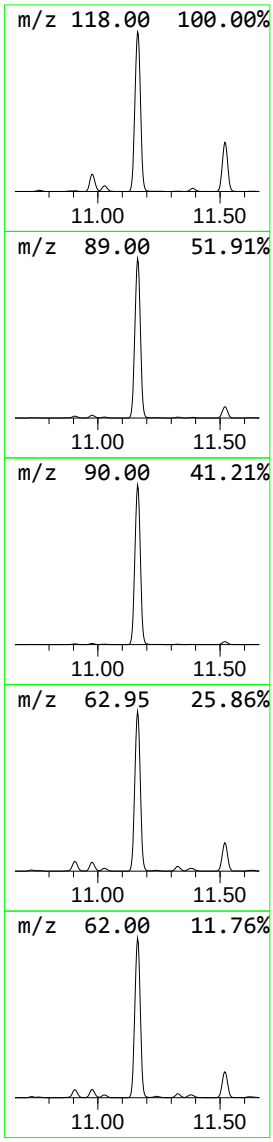
****

Peak Number 16 Benzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.162	799.44 ug/L	16767900	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
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	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

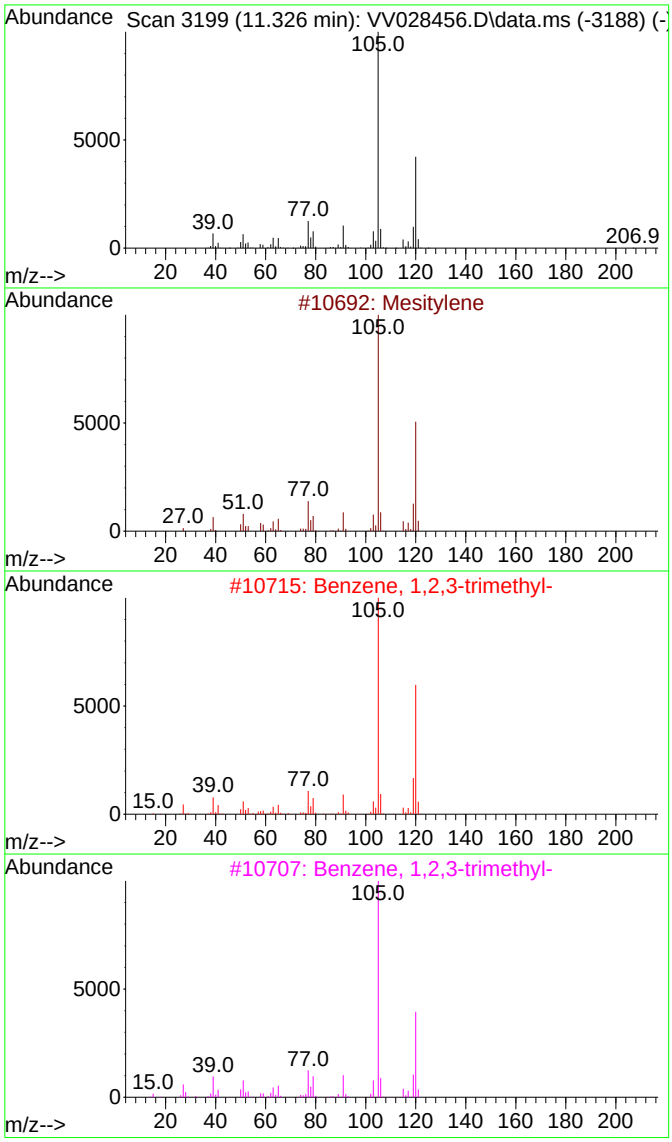
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

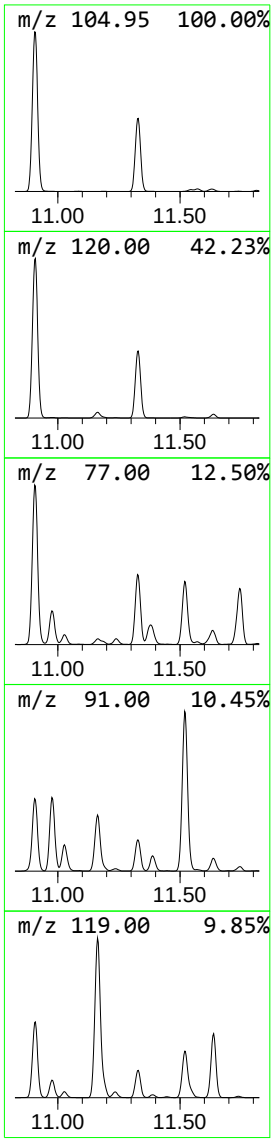
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	113.10 ug/L	2372140	1,4-Dichlorobenzene-d4	11.243

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	Mesitylene	120	C9H12	000108-67-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

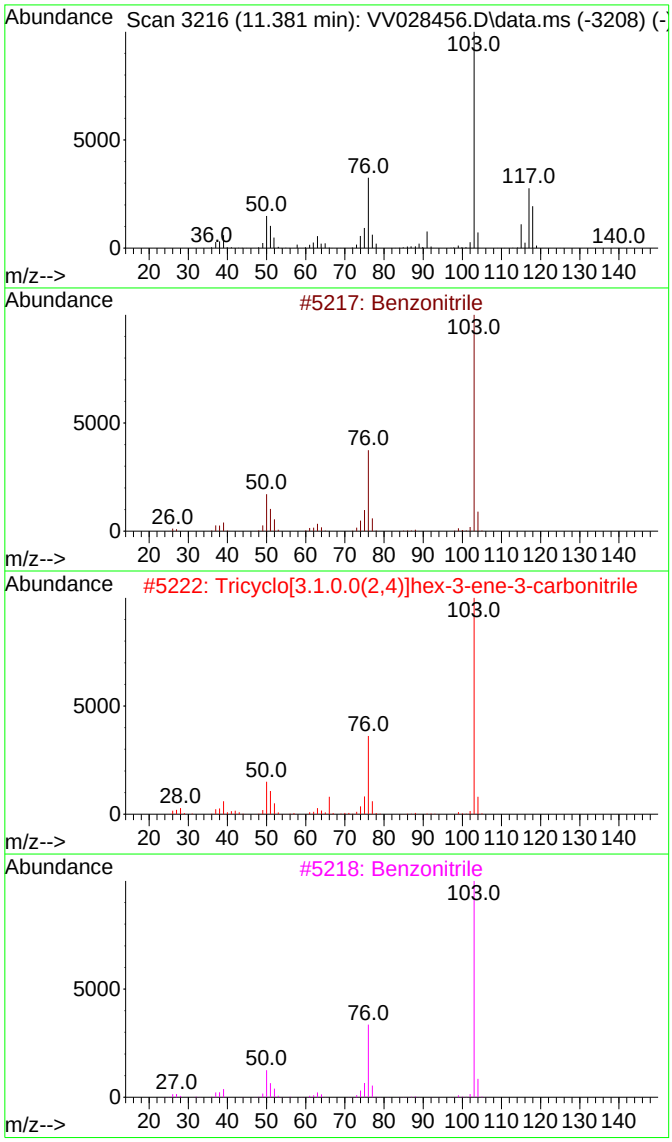
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

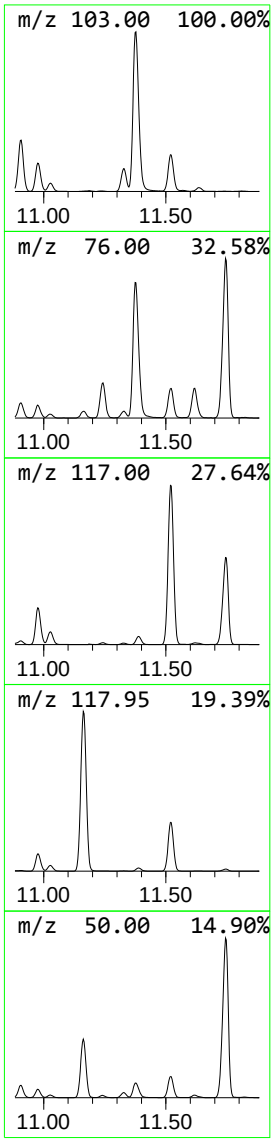
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzonitrile Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.381	79.58 ug/L	1669100	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile	103	C7H5N	000100-47-0	95
2	Tricyclo[3.1.0.0(2,4)]hex-3-ene-...	103	C7H5N	103495-51-8	93
3	Benzonitrile	103	C7H5N	000100-47-0	92
4	Benzonitrile	103	C7H5N	000100-47-0	70
5	2-Ethynyl pyridine	103	C7H5N	001945-84-2	70





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Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

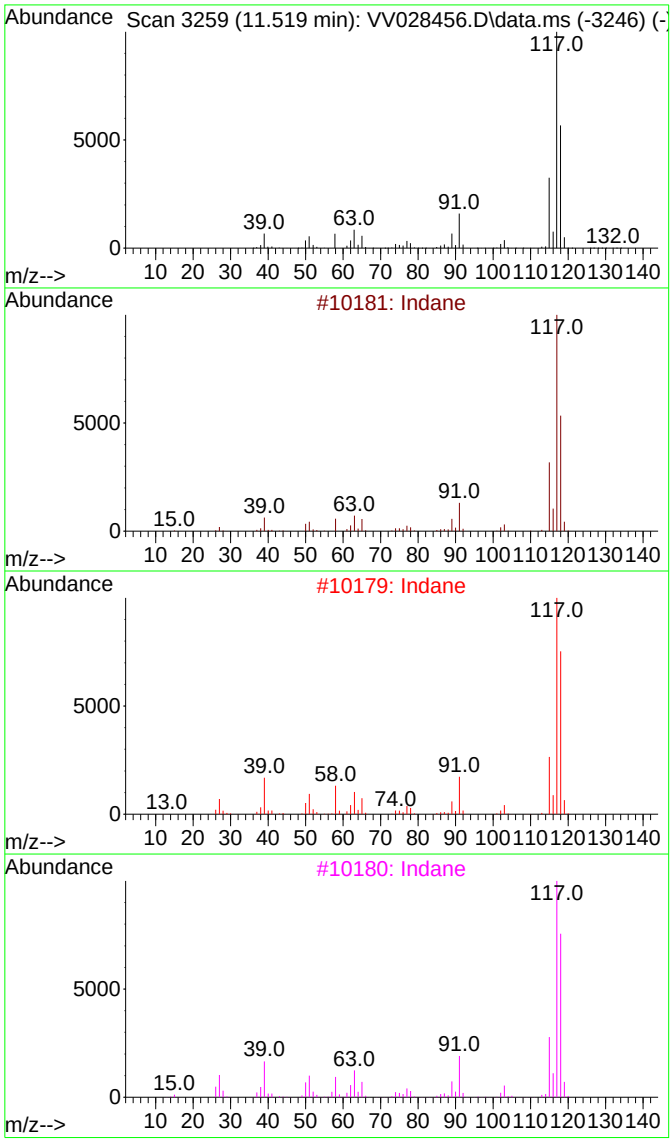
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

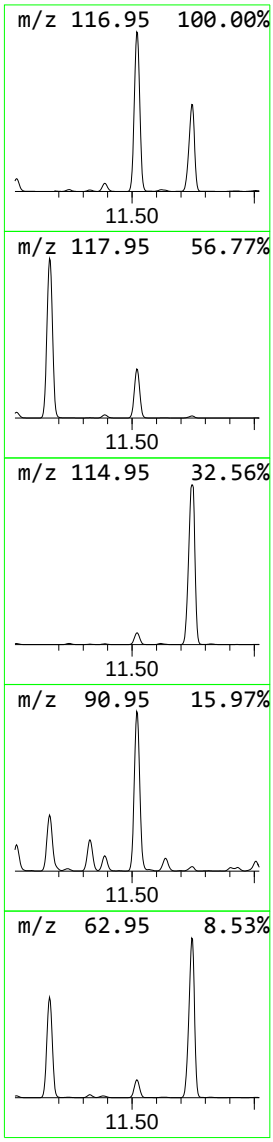
****

Peak Number 19 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	423.19 ug/L	8876340	1,4-Dichlorobenzene-d4	11.243

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	90
4	Indane	118	C9H10	000496-11-7	83
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

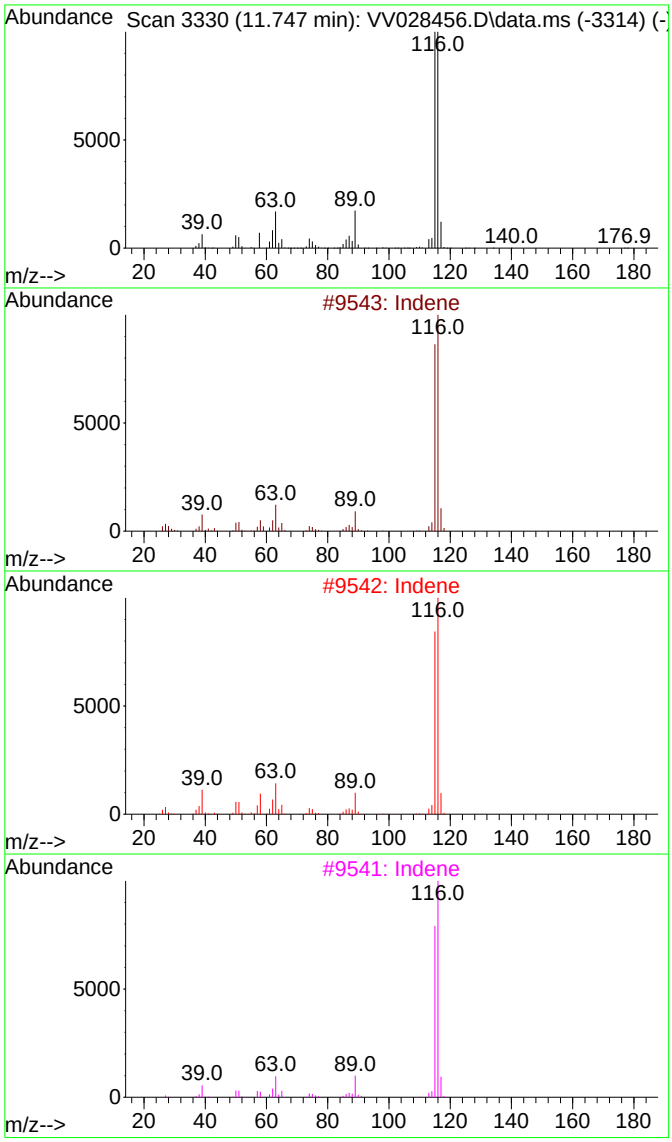
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

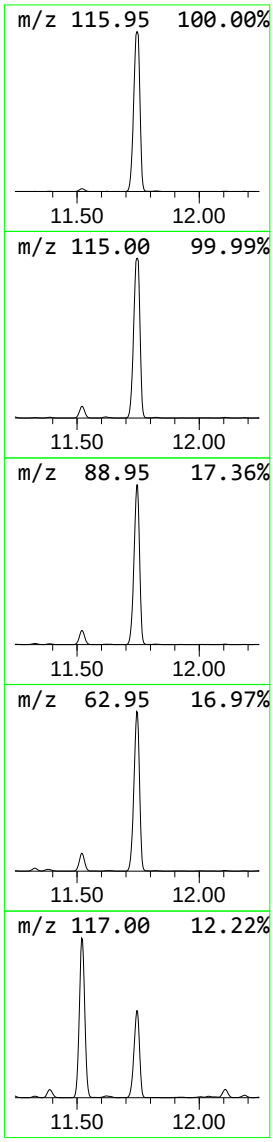
****

Peak Number 20 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.747	2309.57 ug/L	48442400	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

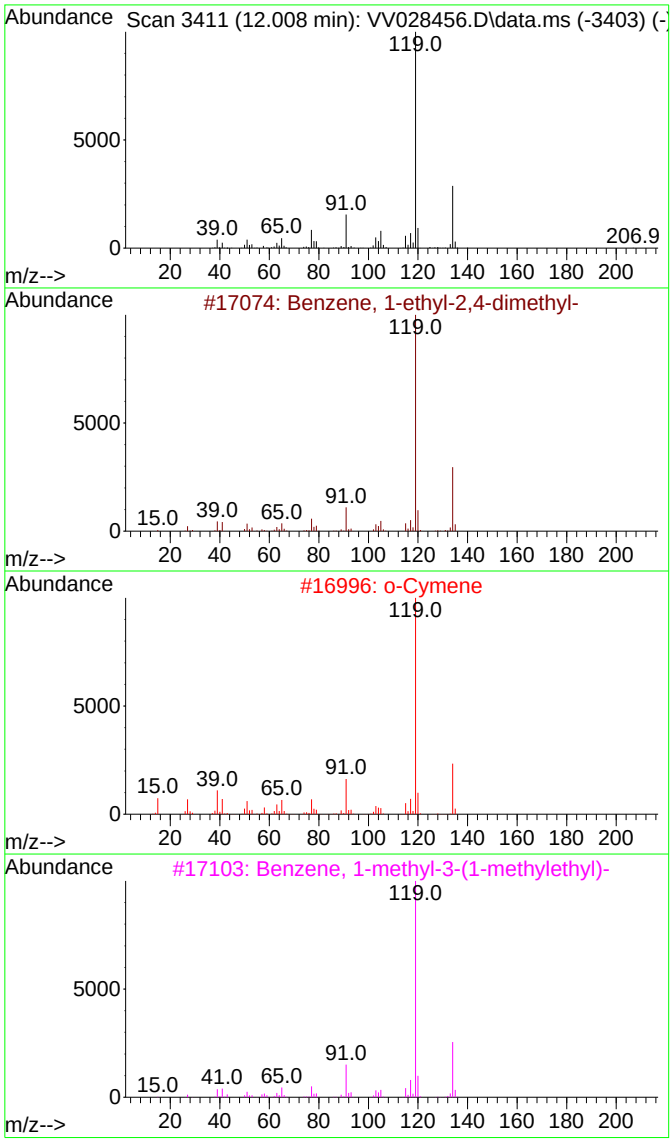
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

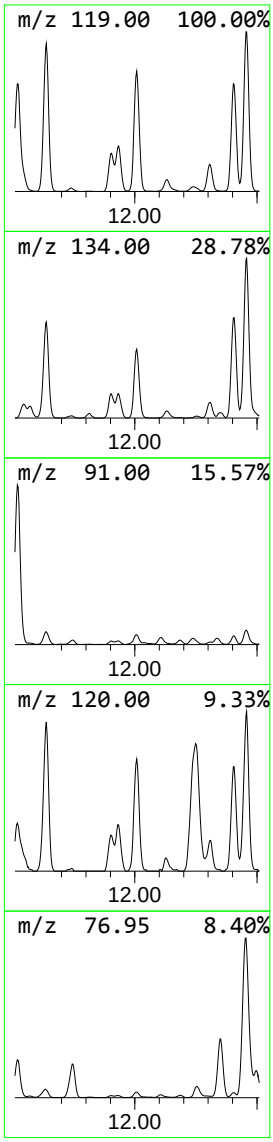
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.008	16.87 ug/L	353782	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

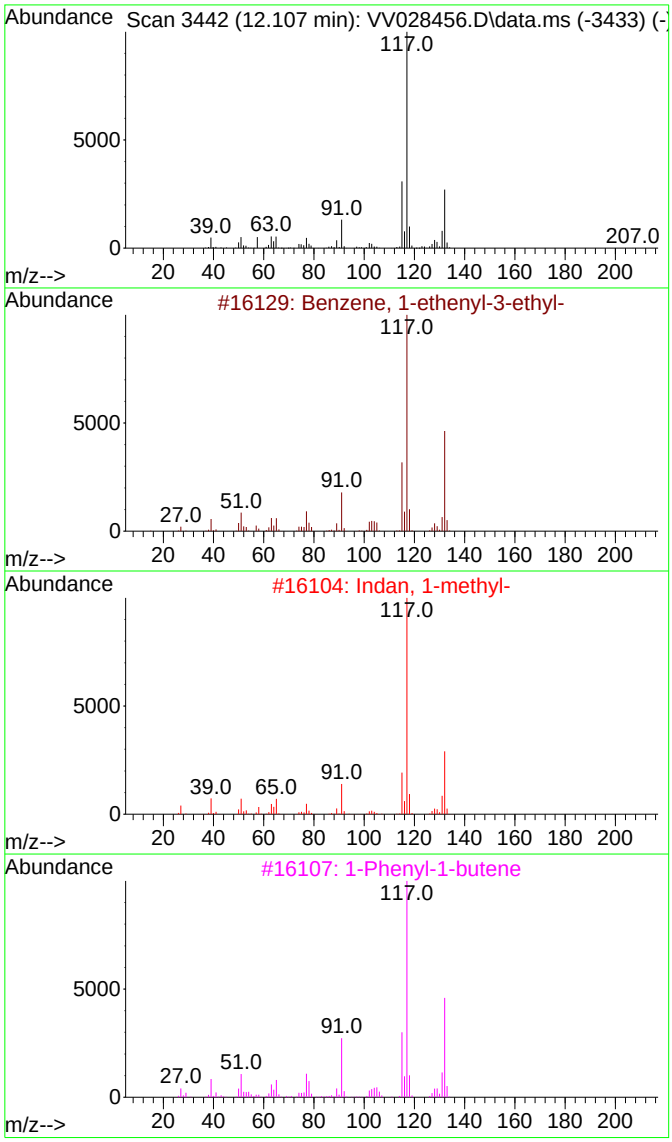
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

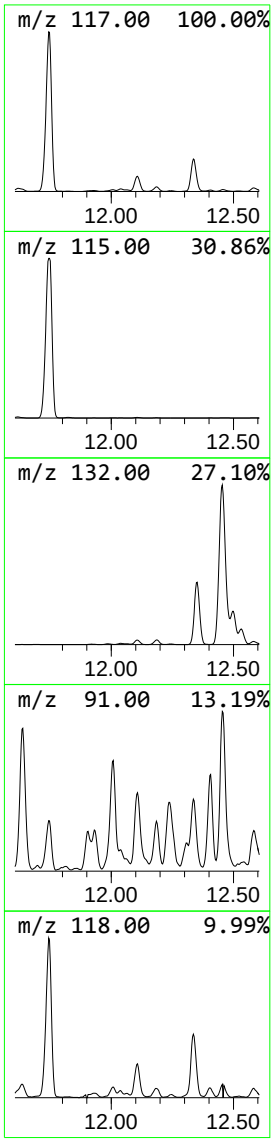
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.107	19.30 ug/L	404883	1,4-Dichlorobenzene-d4	11.243

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-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

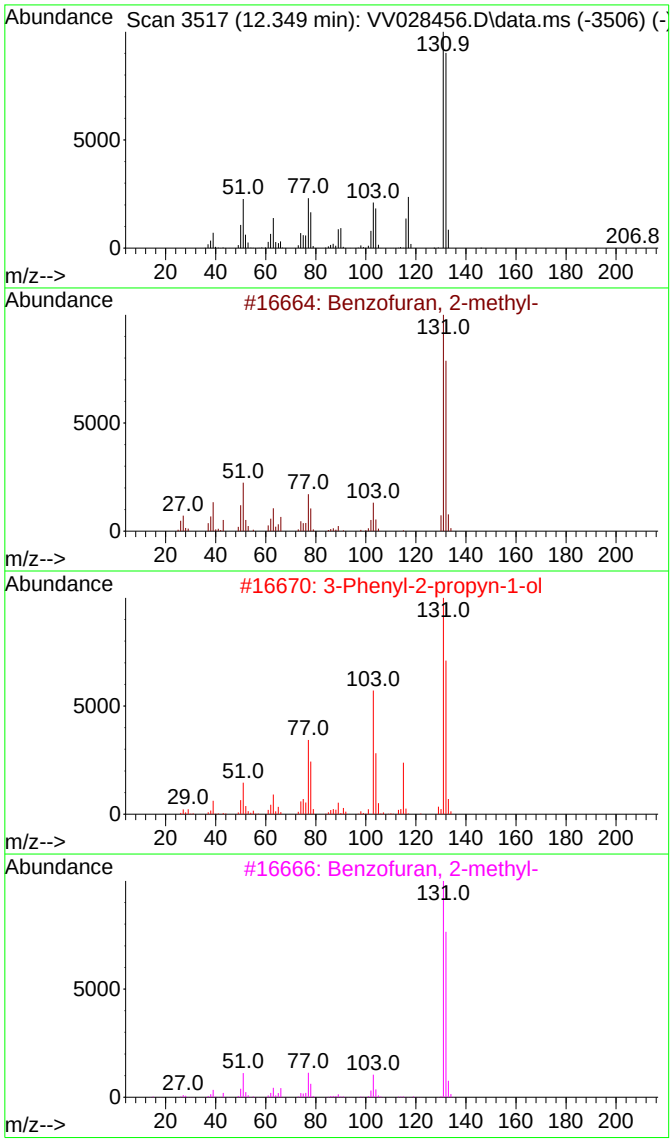
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

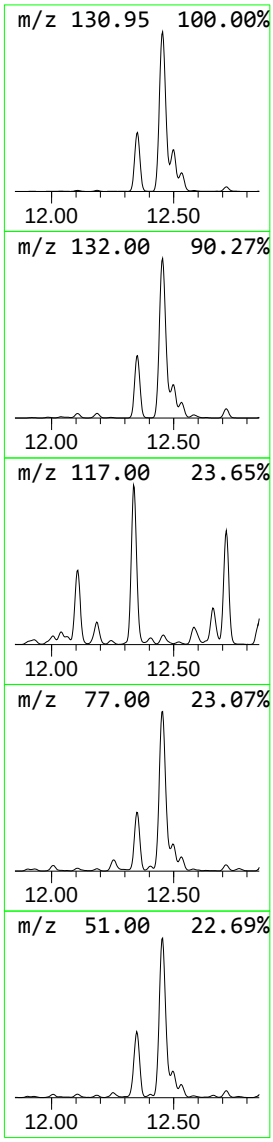
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzofuran, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.349	165.97 ug/L	3481190	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	83
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

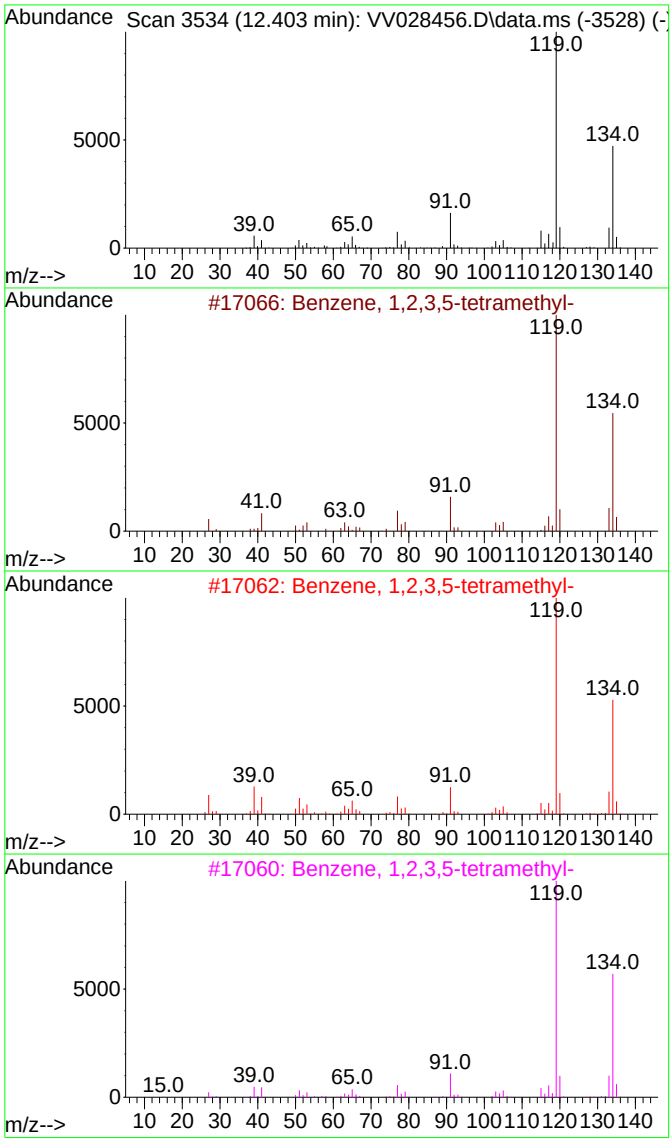
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

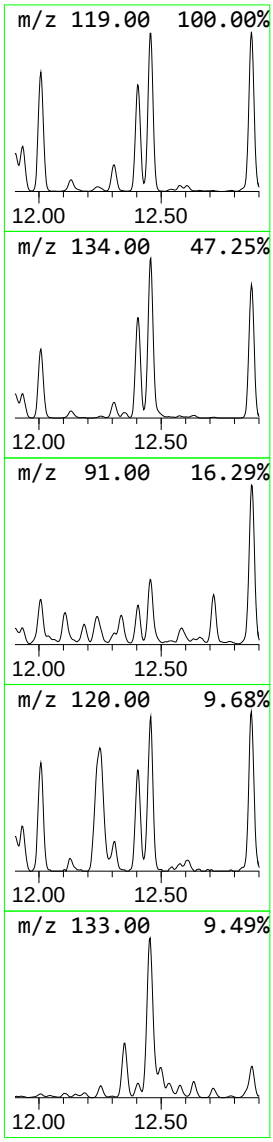
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	14.31 ug/L	300175	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

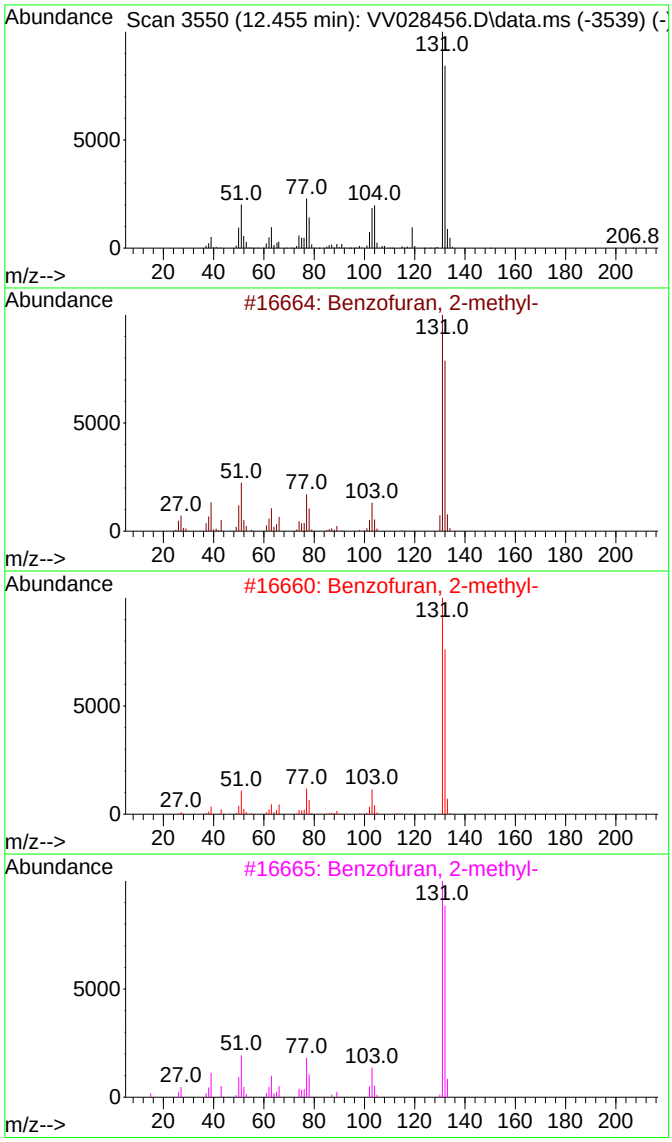
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

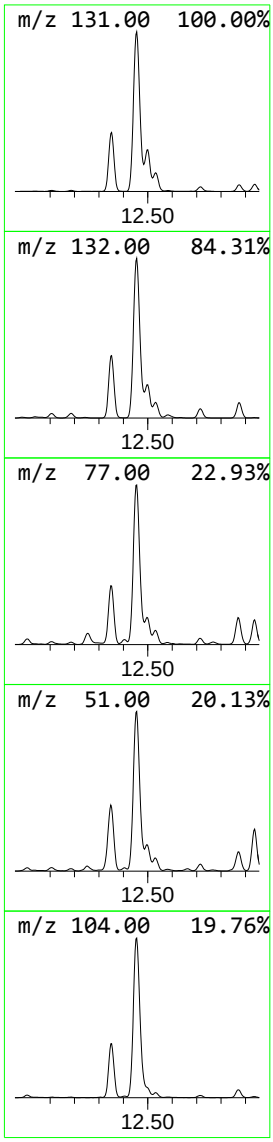
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2-Propenal, 3-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.455	399.86 ug/L	8386840	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

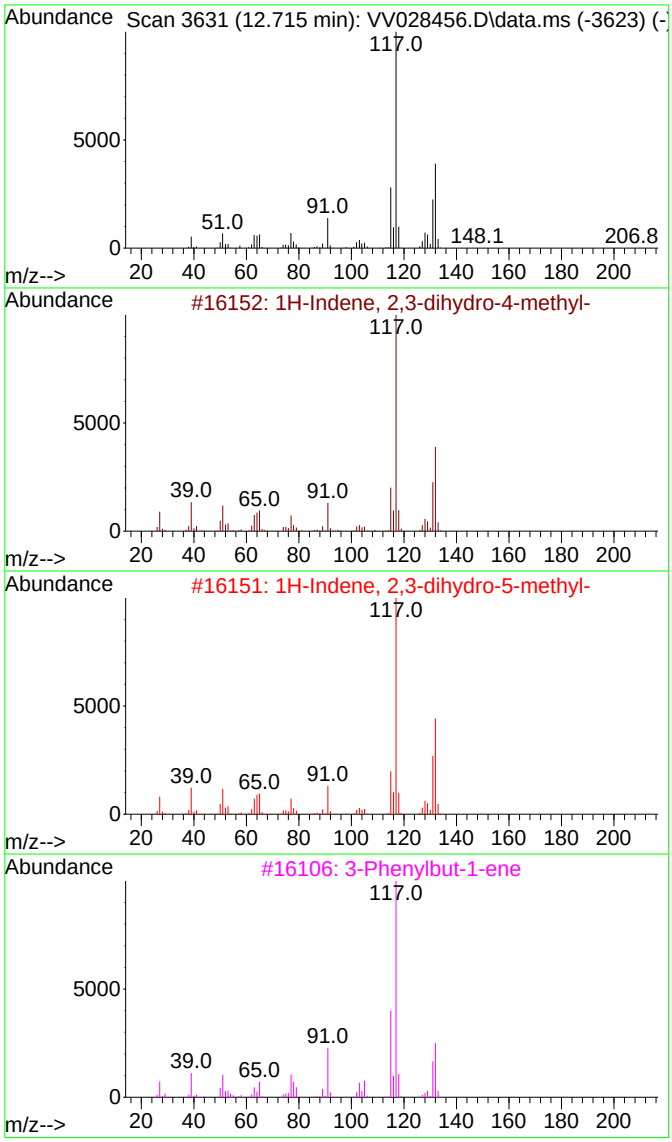
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

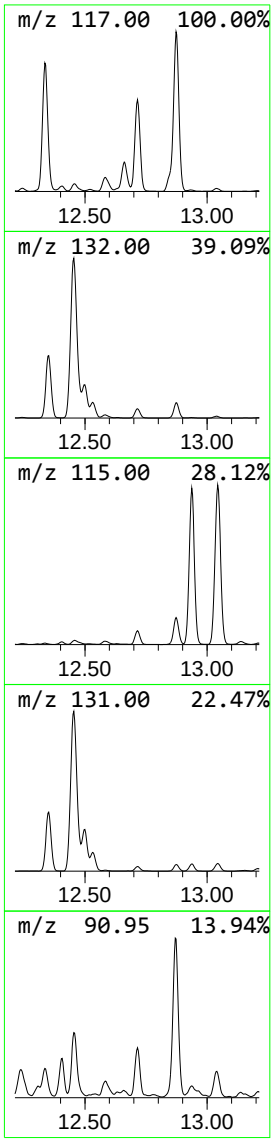
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.715	31.36 ug/L	657827	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

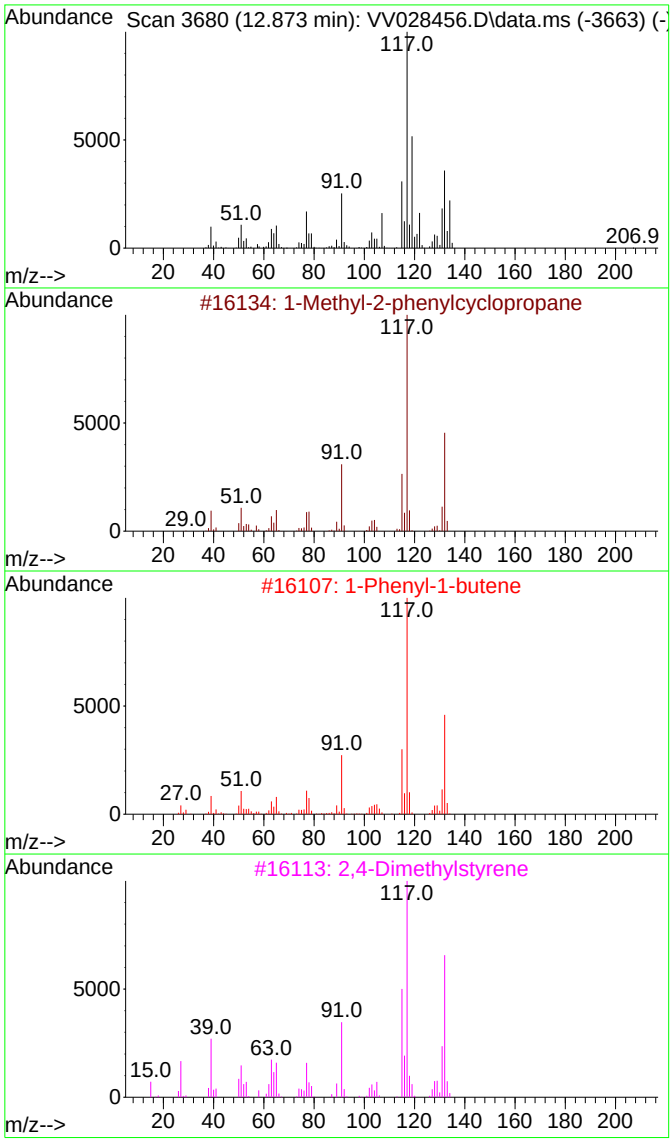
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

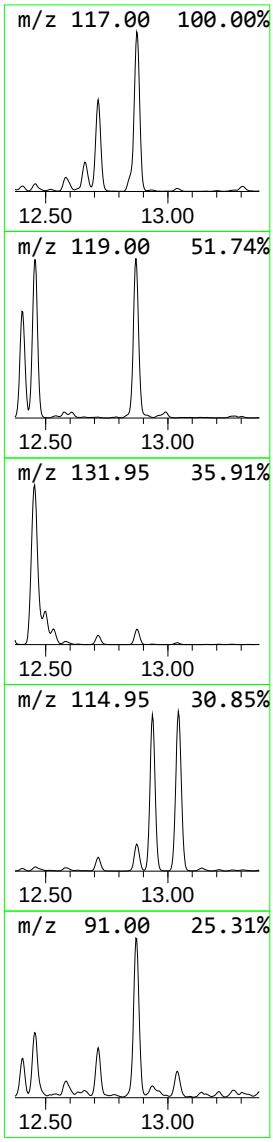
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1-Methyl-2-phenylcyclopropane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	108.30 ug/L	2271600	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

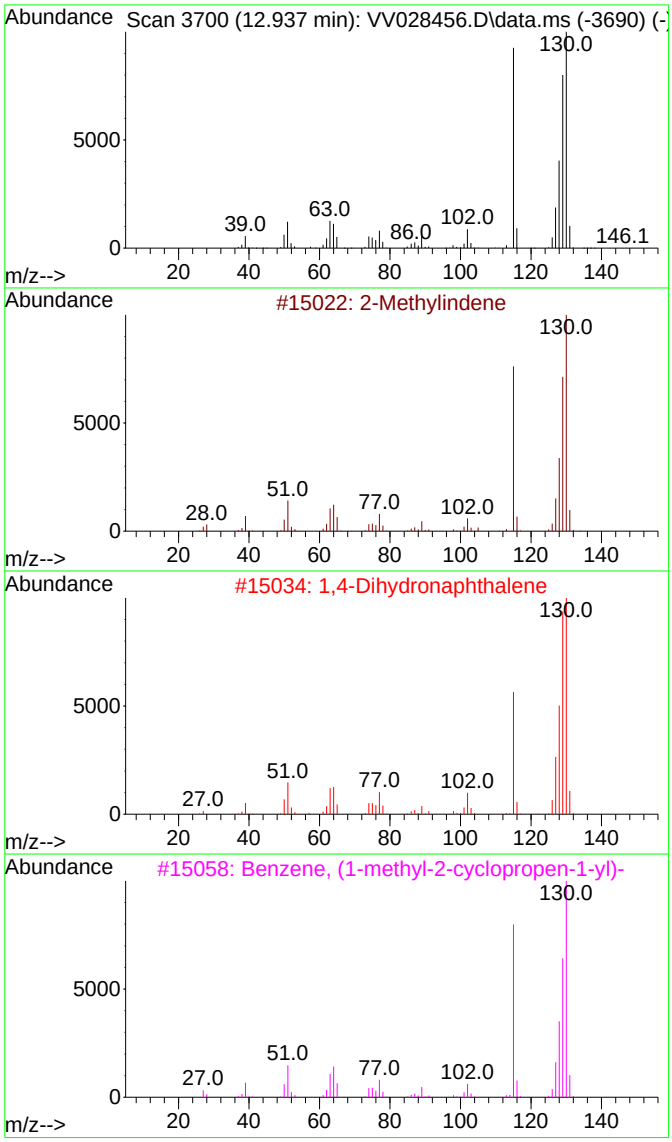
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

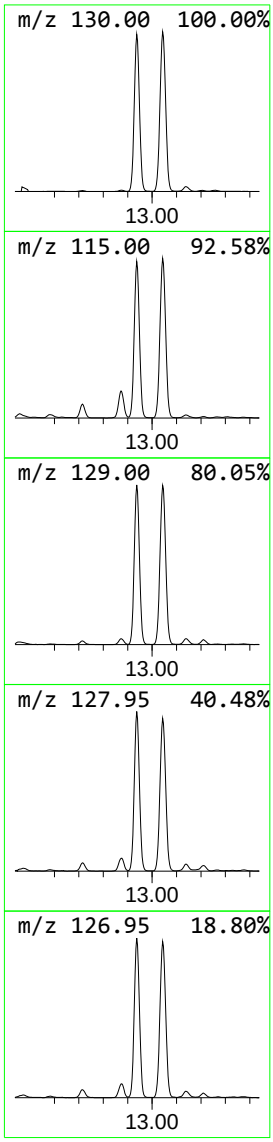
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.937	170.71 ug/L	3580630	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

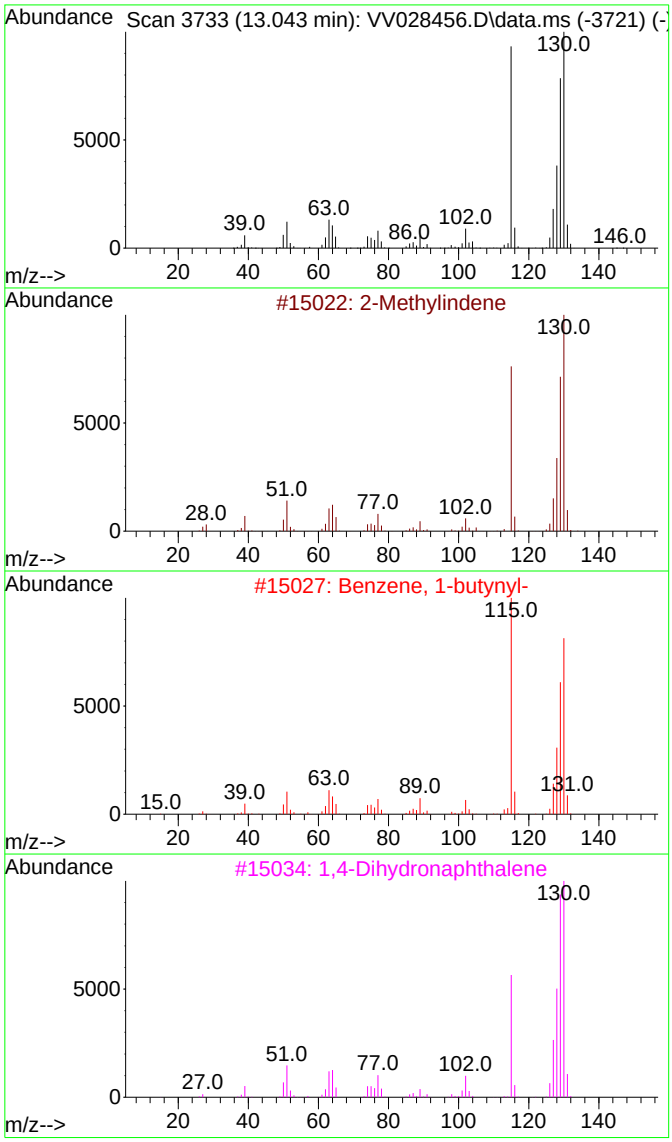
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

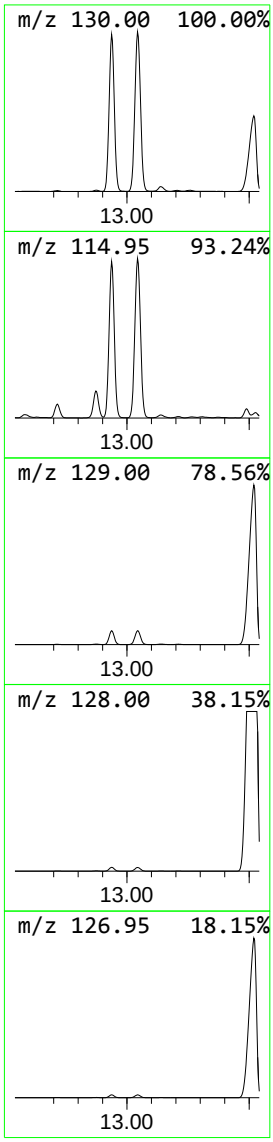
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-butynyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.043	192.01 ug/L	4027420	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

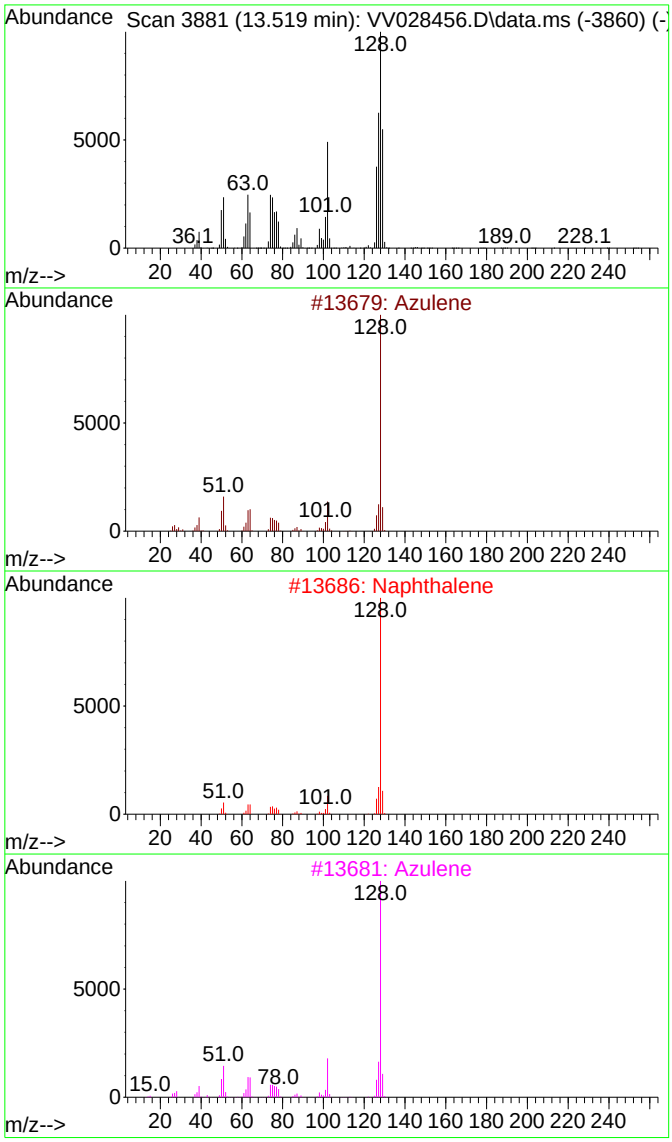
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

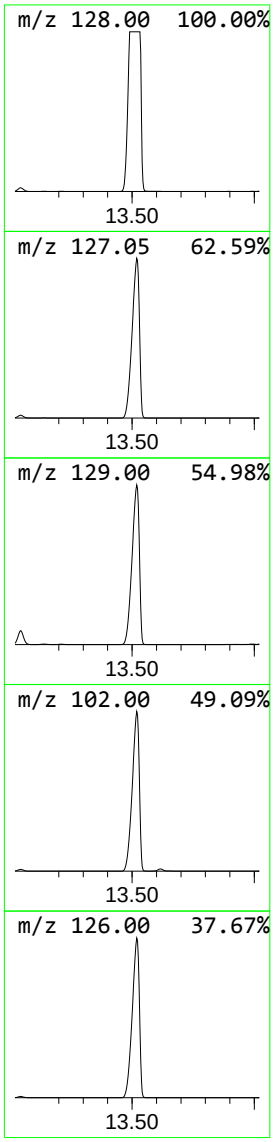
****

Peak Number 39 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.519	6280.37 ug/L	131728000	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	83
2	Naphthalene	128	C10H8	000091-20-3	76
3	Azulene	128	C10H8	000275-51-4	70
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\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

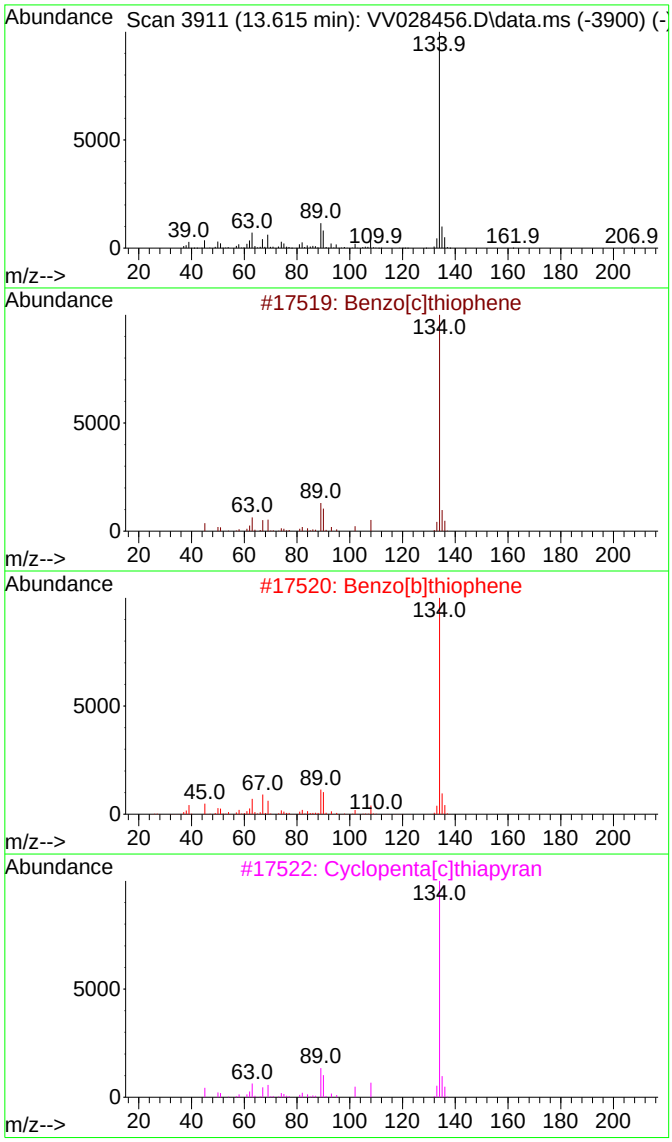
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

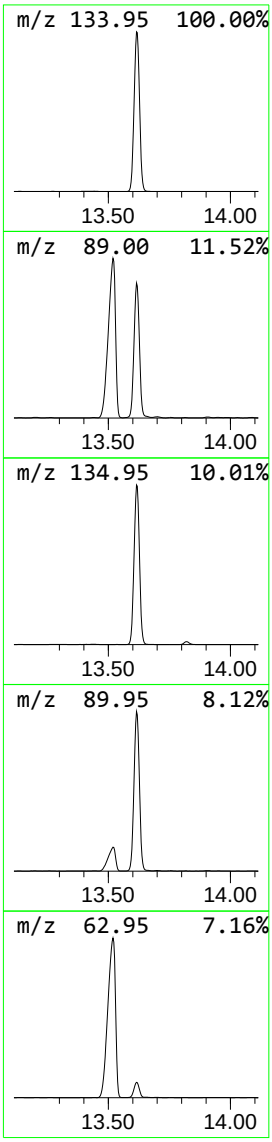
****

Peak Number 40 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.615	438.91 ug/L	9205920	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
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	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

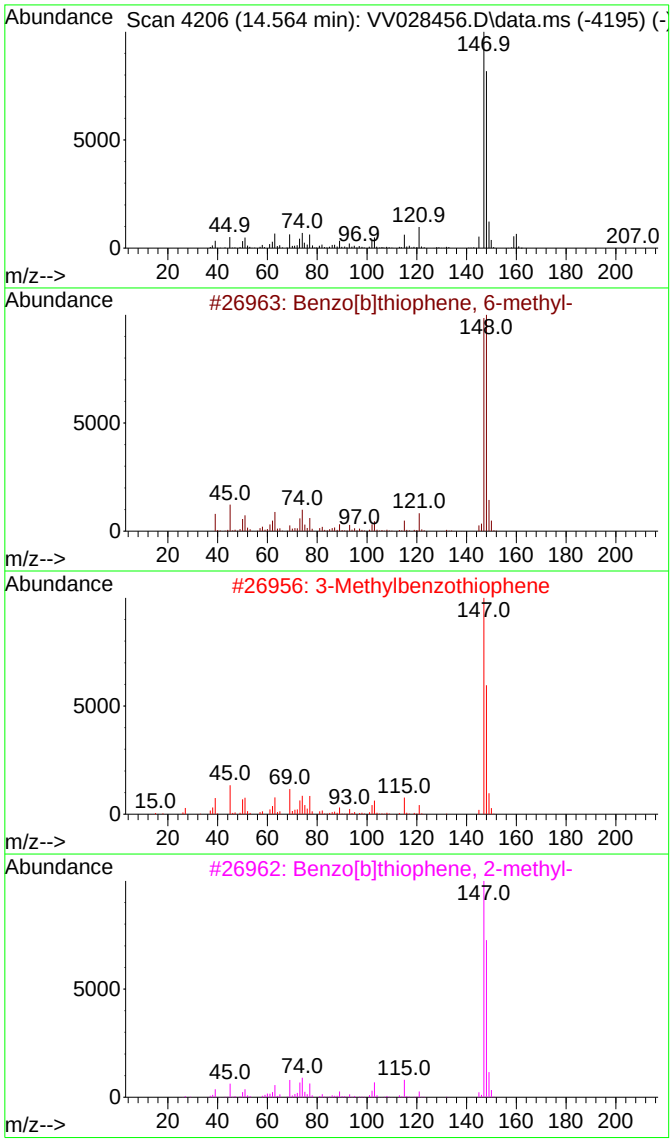
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

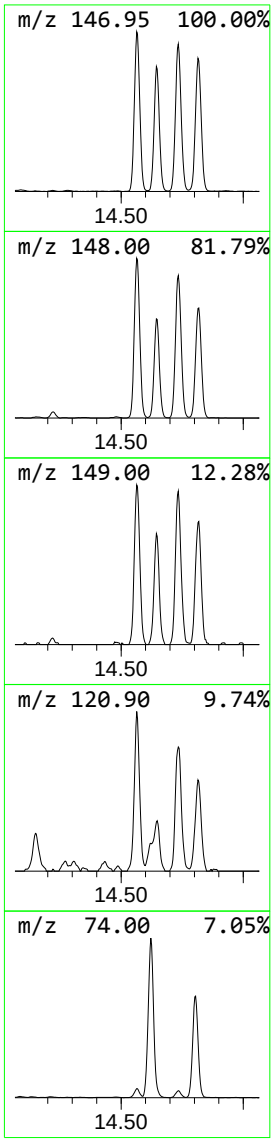
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzo[b]thiophene, 6-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	28.16 ug/L	590697	1,4-Dichlorobenzene-d4	11.243

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

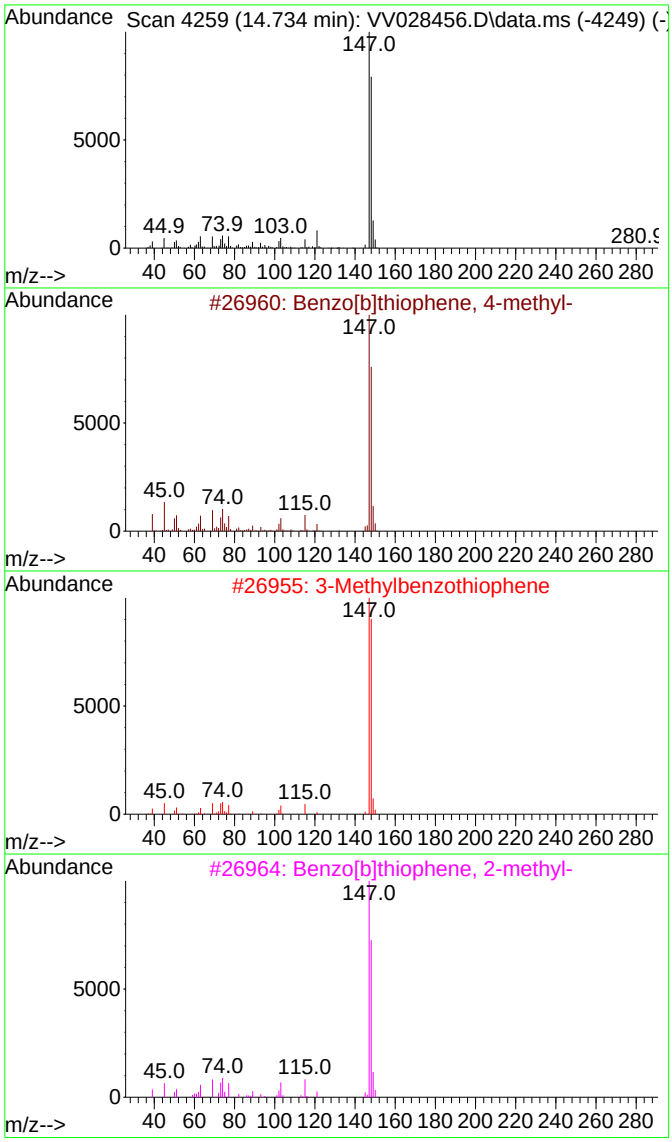
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

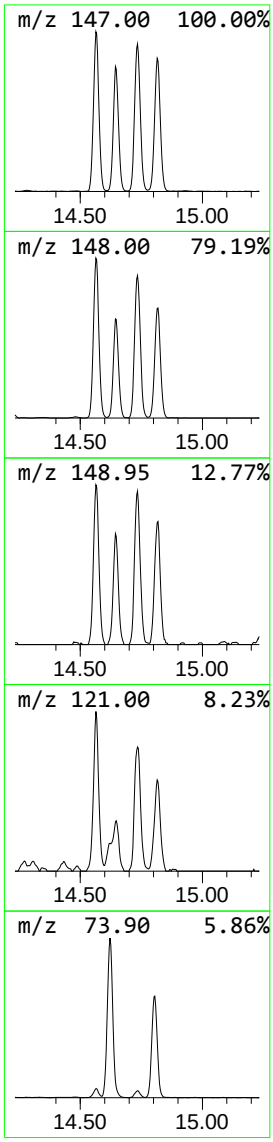
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzo[b]thiophene, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.734	22.79 ug/L	477917	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

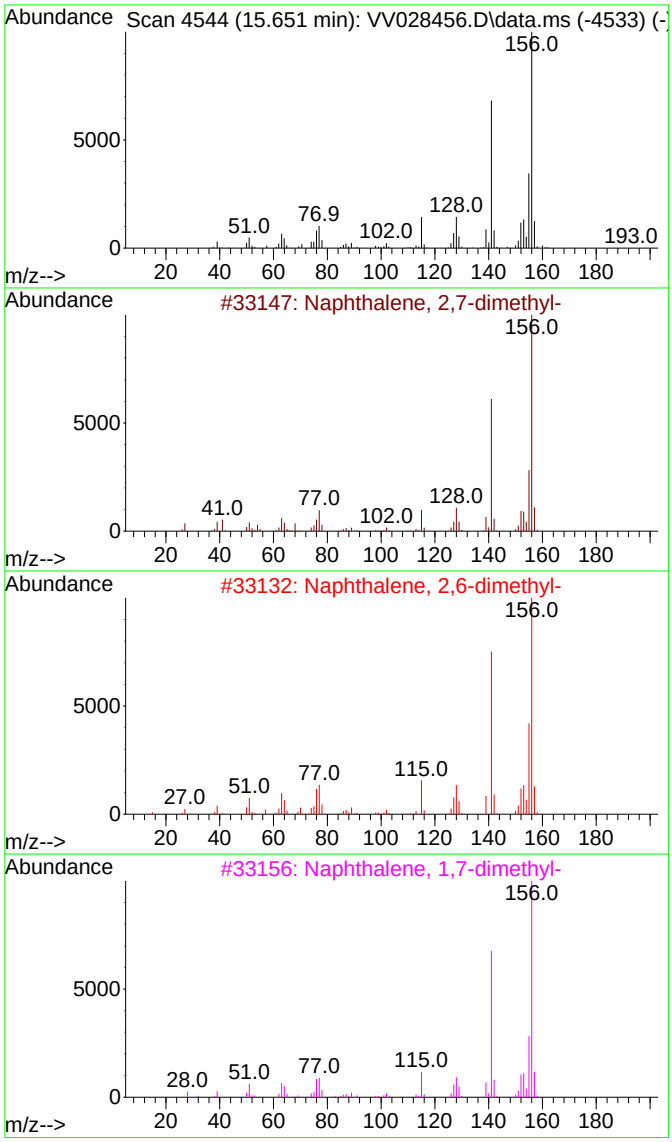
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

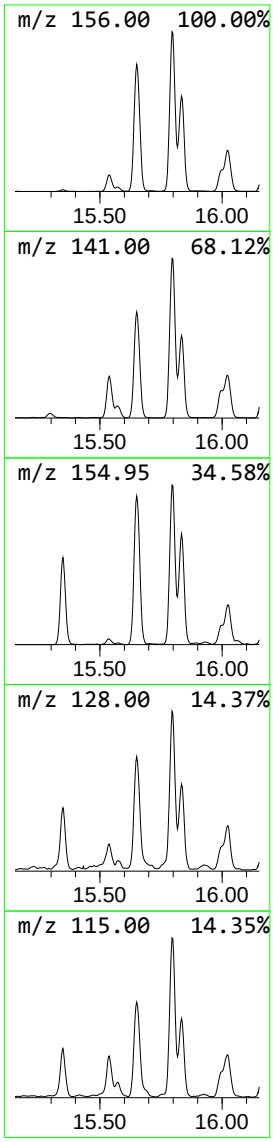
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	63.41 ug/L	1329950	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	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, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

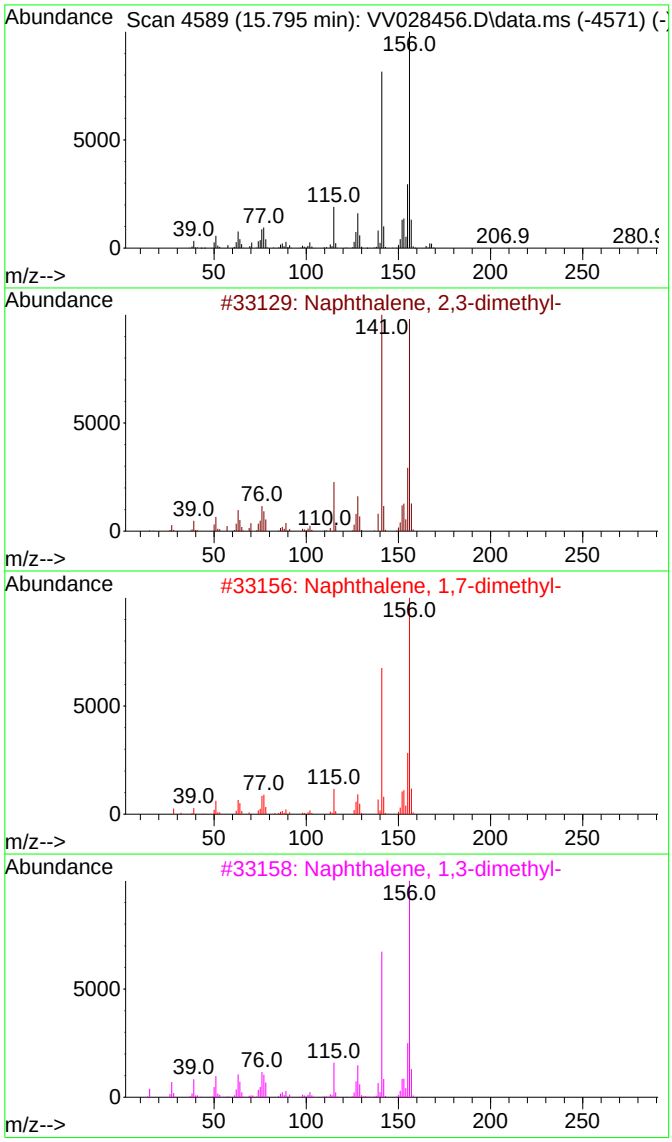
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

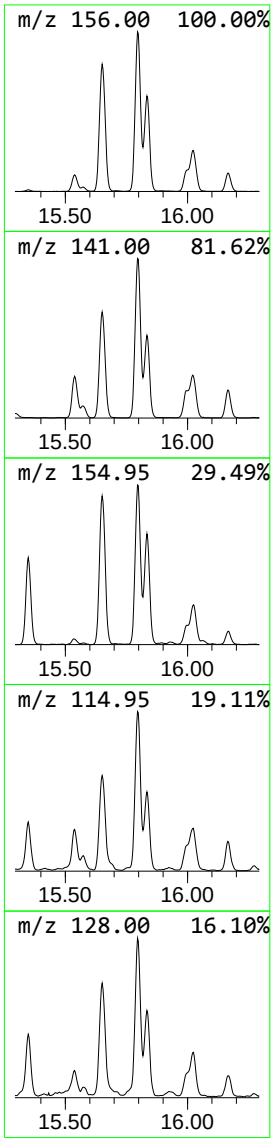
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.795	79.07 ug/L	1658550	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

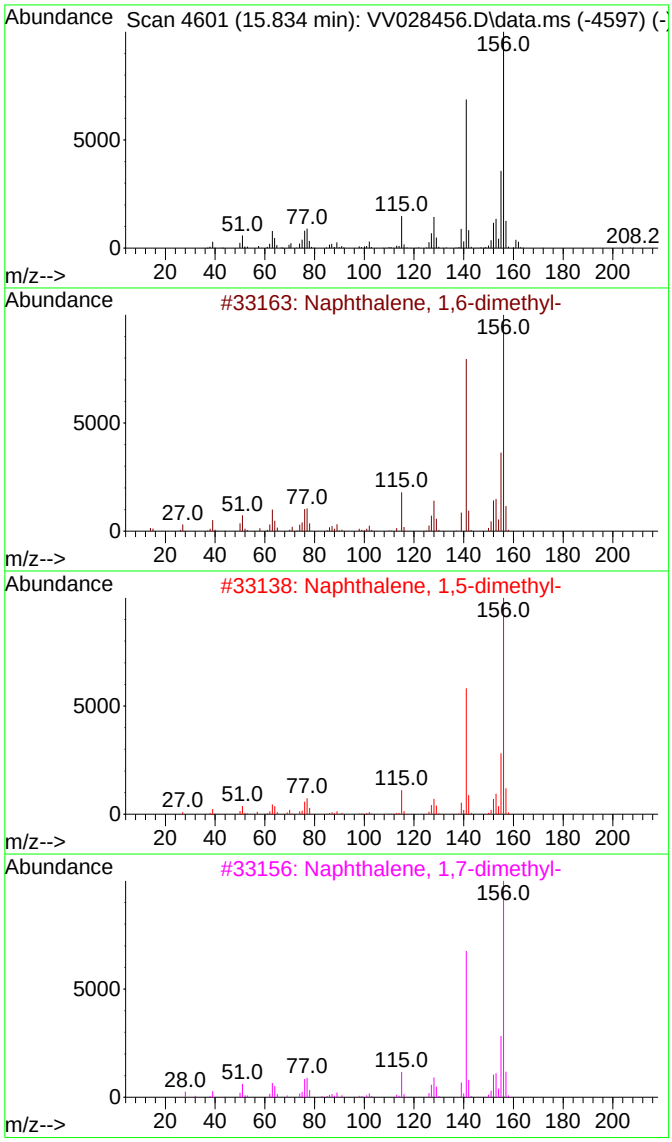
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

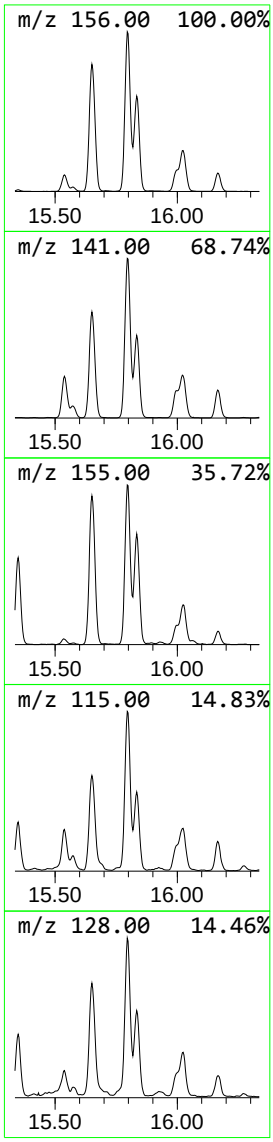
****

Peak Number 59 Naphthalene, 1,6-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.834	37.46 ug/L	785756	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	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, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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

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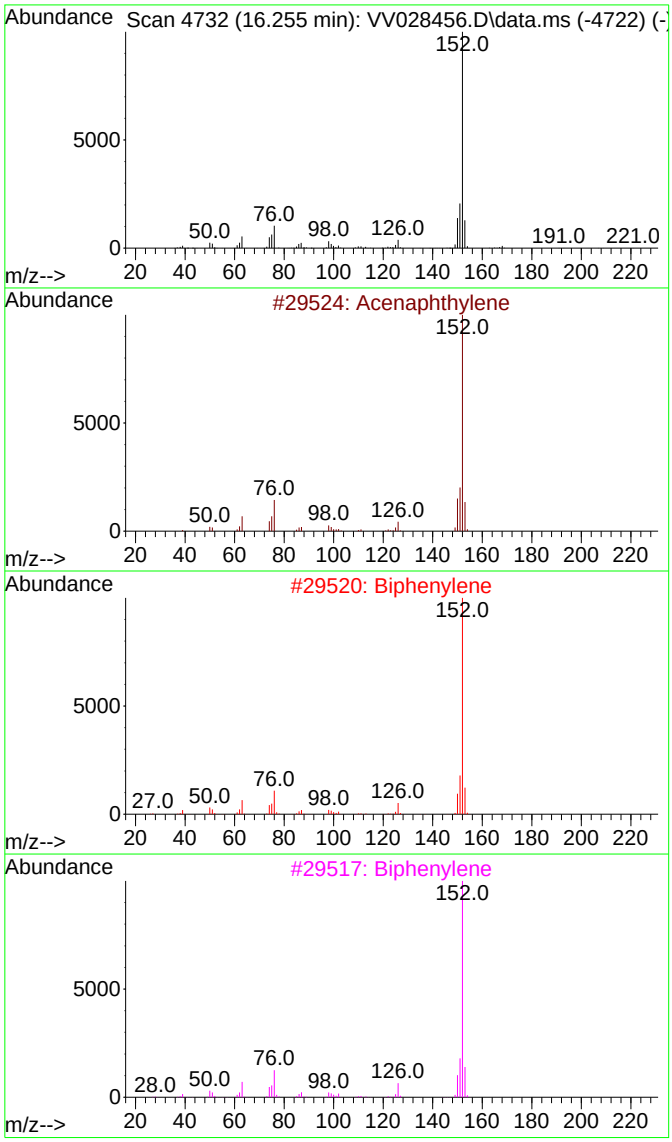
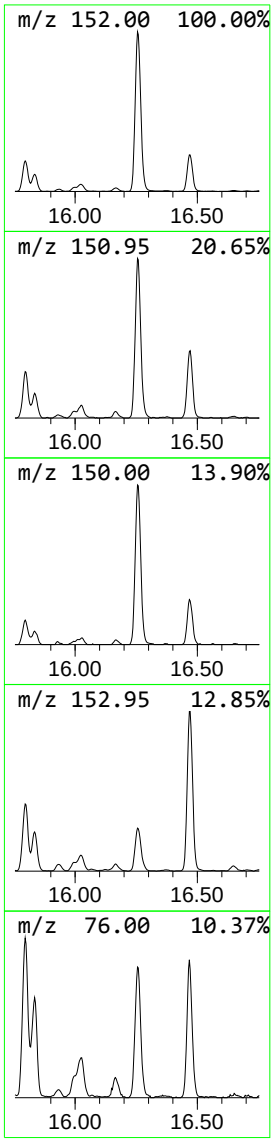
Peak Number 62 Biphenylene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.255	29.86 ug/L	626306	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthylene	152	C12H8	000208-96-8	95
2	Biphenylene	152	C12H8	000259-79-0	93
3	Biphenylene	152	C12H8	000259-79-0	91
4	Acenaphthylene	152	C12H8	000208-96-8	83
5	Acenaphthylene	152	C12H8	000208-96-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028456.D
Acq On : 08 Oct 2022 23:02
Operator : SY/MD
Sample : N4923-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.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
(DEL) Alkane: S...	1.108	2.7	ug/L	38959	1	5.612	723579	50.0
Thiophene	5.355	35.3	ug/L	510645	1	5.612	723579	50.0
Thiophene, 2-me...	7.516	19.3	ug/L	348250	2	8.847	904114	50.0
Thiophene, 3-me...	7.693	17.9	ug/L	322837	2	8.847	904114	50.0
Phenylethyne	9.390	12.6	ug/L	228050	2	8.847	904114	50.0
Benzene, 1-ethy...	10.439	106.2	ug/L	2227970	3	11.243	1048730	50.0
Benzene, 1-ethy...	10.728	26.0	ug/L	546211	3	11.243	1048730	50.0
Benzene, 1-ethe...	10.976	127.6	ug/L	2675350	3	11.243	1048730	50.0
Benzene, 1-ethe...	11.027	43.9	ug/L	921598	3	11.243	1048730	50.0
Benzofuran	11.162	799.4	ug/L	16767900	3	11.243	1048730	50.0
Benzene, 1,2,3-...	11.326	113.1	ug/L	2372140	3	11.243	1048730	50.0
Benzonitrile	11.381	79.6	ug/L	1669100	3	11.243	1048730	50.0
Indane	11.519	423.2	ug/L	8876340	3	11.243	1048730	50.0
Indene	11.747	2309.6	ug/L	48442400	3	11.243	1048730	50.0
Benzene, 1-ethy...	12.008	16.9	ug/L	353782	3	11.243	1048730	50.0
Benzene, 1-ethe...	12.107	19.3	ug/L	404883	3	11.243	1048730	50.0
Benzofuran, 2-m...	12.349	166.0	ug/L	3481190	3	11.243	1048730	50.0
Benzene, 1,2,3,...	12.403	14.3	ug/L	300175	3	11.243	1048730	50.0
2-Propenal, 3-p...	12.455	399.9	ug/L	8386840	3	11.243	1048730	50.0
1H-Indene, 2,3-...	12.715	31.4	ug/L	657827	3	11.243	1048730	50.0
1-Methyl-2-phen...	12.873	108.3	ug/L	2271600	3	11.243	1048730	50.0
2-Methylindene	12.937	170.7	ug/L	3580630	3	11.243	1048730	50.0
Benzene, 1-buty...	13.043	192.0	ug/L	4027420	3	11.243	1048730	50.0
Azulene	13.519	6280.4	ug/L	131728000	3	11.243	1048730	50.0
Benzo[c]thiophene	13.615	438.9	ug/L	9205920	3	11.243	1048730	50.0
Benzo[b]thiophe...	14.564	28.2	ug/L	590697	3	11.243	1048730	50.0
Benzo[b]thiophe...	14.734	22.8	ug/L	477917	3	11.243	1048730	50.0
Naphthalene, 2,...	15.651	63.4	ug/L	1329950	3	11.243	1048730	50.0
Naphthalene, 2,...	15.795	79.1	ug/L	1658550	3	11.243	1048730	50.0
Naphthalene, 1,...	15.834	37.5	ug/L	785756	3	11.243	1048730	50.0
Biphenylene	16.255	29.9	ug/L	626306	3	11.243	1048730	50.0