LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMVTR052620WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.319	61	71	82	rBV2	275707	292939	2.00%	0.359%
2	3.936	868	885	914	rBV2	160207	460655	3.15%	0.565%
3	4.376	1005	1022	1048	rBV	59202	150738	1.03%	0.185%
4	5.071	1220	1238	1246	rBV2	153964	346254	2.37%	0.425%
5	5.122	1247	1254	1286	rVB2	150233	385175	2.64%	0.473%
6	5.640	1401	1415	1441	rBV	142660	279974	1.92%	0.344%
7	6.096	1543	1557	1585	rVB	79557	166802	1.14%	0.205%
8	7.338	1930	1943	1955	rBV	182992	312146	2.14%	0.383%
9	8.119	2173	2186	2222	rBV	188423	368376	2.52%	0.452%
10	8.874	2409	2421	2424	rBV	227384	327547	2.24%	0.402%
11	8.903	2425	2430	2445	rVB	344729	522264	3.57%	0.641%
12	9.563	2625	2635	2657	rVB	177876	279428	1.91%	0.343%
13	10.450	2896	2911	2936	rBV	9343631	14612653	100.00%	17.930%
14	10.563	2936	2946	2961	rVV	112264	172414	1.18%	0.212%
15	10.759	2996	3007	3031	rVB	91095	147593	1.01%	0.181%
16	11.270	3155	3166	3183	rVV3	272295	544649	3.73%	0.668%
17	11.357	3183	3193	3206	rVB	161214	245050	1.68%	0.301%
18	11.550	3237	3253	3274	rBV	2991429	4712188	32.25%	5.782%
19	11.662	3274	3288	3302	rVB2	602785	1164258	7.97%	1.429%
20	12.038	3392	3405	3411	rBV	161897	251569	1.72%	0.309%
21	12.138	3424	3436	3458	rVV	717801	1134394	7.76%	1.392%
22	12.382	3503	3512	3521	rBV	280525	395525	2.71%	0.485%
23	12.434	3521	3528	3536	rVV	121486	160475	1.10%	0.197%
24	12.488	3536	3545	3561	rVB	317797	508840	3.48%	0.624%
25	12.569	3561	3570	3578	rBV2	99920	157681	1.08%	0.193%
26	12.746	3616	3625	3633	rBV	415832	601561	4.12%	0.738%
27	12.906	3655	3675	3686	rBV2	1375786	2099381	14.37%	2.576%
28	12.971	3686	3695	3707	rVB2	231947	373599	2.56%	0.458%
29	13.070	3716	3726	3750	rVB3	292289	496225	3.40%	0.609%
30	13.241	3769	3779	3788	rVB	229877	350460	2.40%	0.430%
31	13.392	3820	3826	3850	rVB2	208276	353368	2.42%	0.434%
32	13.527	3851	3868	3890	rBV	5660699	9098422	62.26%	11.164%
33	13.643	3891	3904	3913	rVV	416213	737590	5.05%	0.905%
34	13.694	3913	3920	3926	rVV4	157096	264879	1.81%	0.325%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMVTR052620WMA.M
Title : TRACE VOA SOM01.0

35	13.733	3926	3932	3942	rVV3	205044	316727	2.17%	0.389%
36	13.794	3942	3951	3961	rVB2	158078	238966	1.64%	0.293%
37	13.932	3980	3994	4005	rBV	186711	312762	2.14%	0.384%
38	14.115	4040	4051	4062	rBV2	181141	381265	2.61%	0.468%
39	14.318	4106	4114	4129	rVB2	186728	349273	2.39%	0.429%
40	14.601	4190	4202	4210	rBV	382664	627097	4.29%	0.769%
41	14.656	4210	4219	4229	rVV	331996	576119	3.94%	0.707%
42	14.842	4265	4277	4291	rBV	6192625	9928603	67.95%	12.182%
43	15.385	4440	4446	4457	rVB	136115	209837	1.44%	0.257%
44	15.578	4487	4506	4512	rBV	647708	1032864	7.07%	1.267%
45	15.611	4512	4516	4529	rVV	300728	431656	2.95%	0.530%
46	15.691	4529	4541	4565	rVV	932928	1691117	11.57%	2.075%
47	15.836	4566	4586	4594	rVV	1606849	2541627	17.39%	3.119%
48	15.874	4594	4598	4613	rVB	333222	467606	3.20%	0.574%
49	16.064	4636	4657	4667	rBV	468925	1136348	7.78%	1.394%
50	16.205	4690	4701	4714	rBV	283047	439182	3.01%	0.539%
51	16.311	4721	4734	4747	rVB3	137322	295312	2.02%	0.362%
52	16.411	4748	4765	4775	rBV3	133651	234644	1.61%	0.288%
53	16.517	4784	4798	4818	rBV	7794089	12406357	84.90%	15.222%
54	16.688	4843	4851	4863	rBV	228715	373754	2.56%	0.459%
55	16.813	4877	4890	4909	rVB	2047061	3258940	22.30%	3.999%
56	17.135	4973	4990	5010	rVB4	60842	170670	1.17%	0.209%
57	17.418	5066	5078	5098	rBV	790586	1373716	9.40%	1.686%
58	17.537	5106	5115	5125	rBV4	135348	231092	1.58%	0.284%

Sum of corrected areas: 81500606

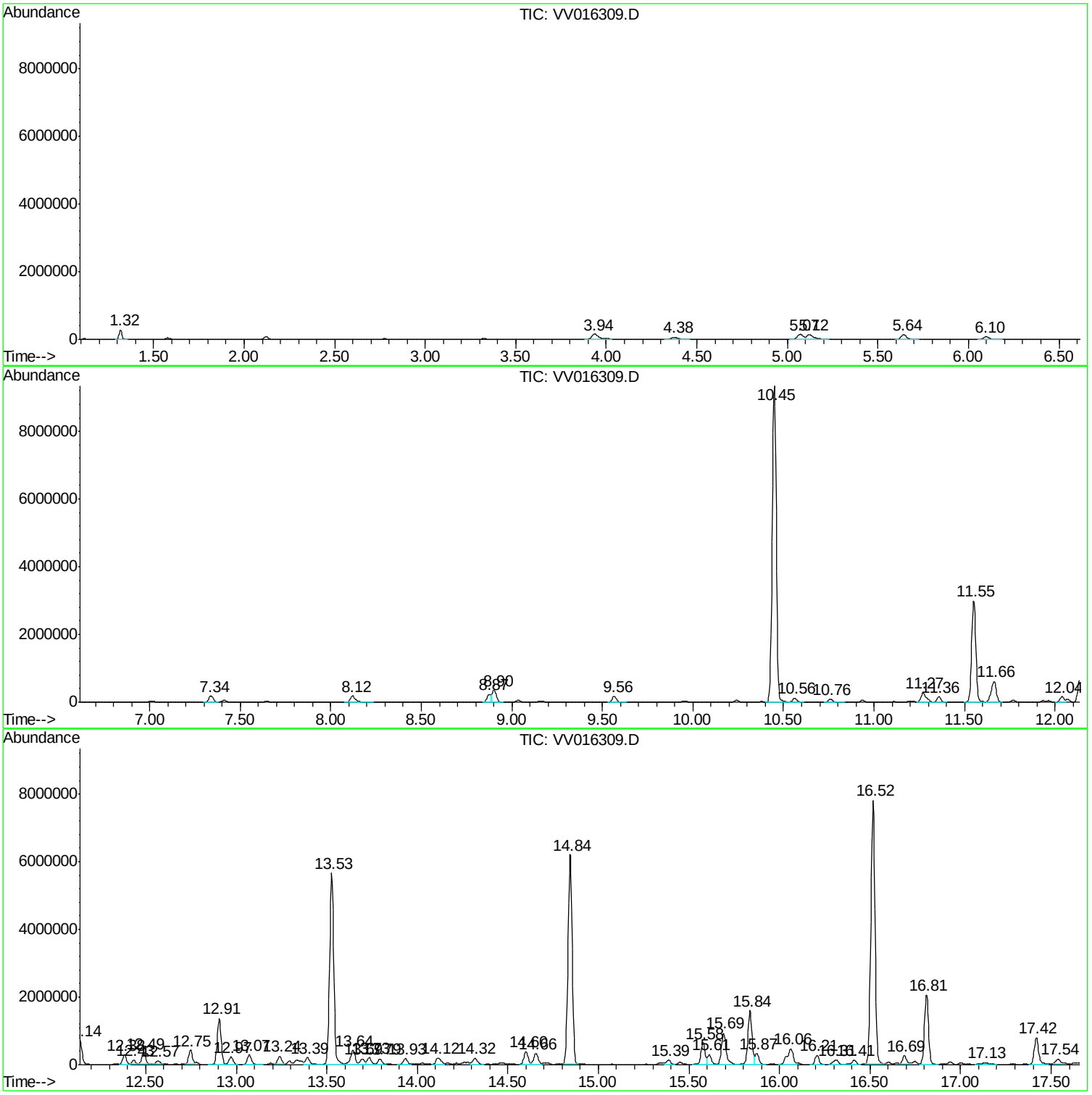
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

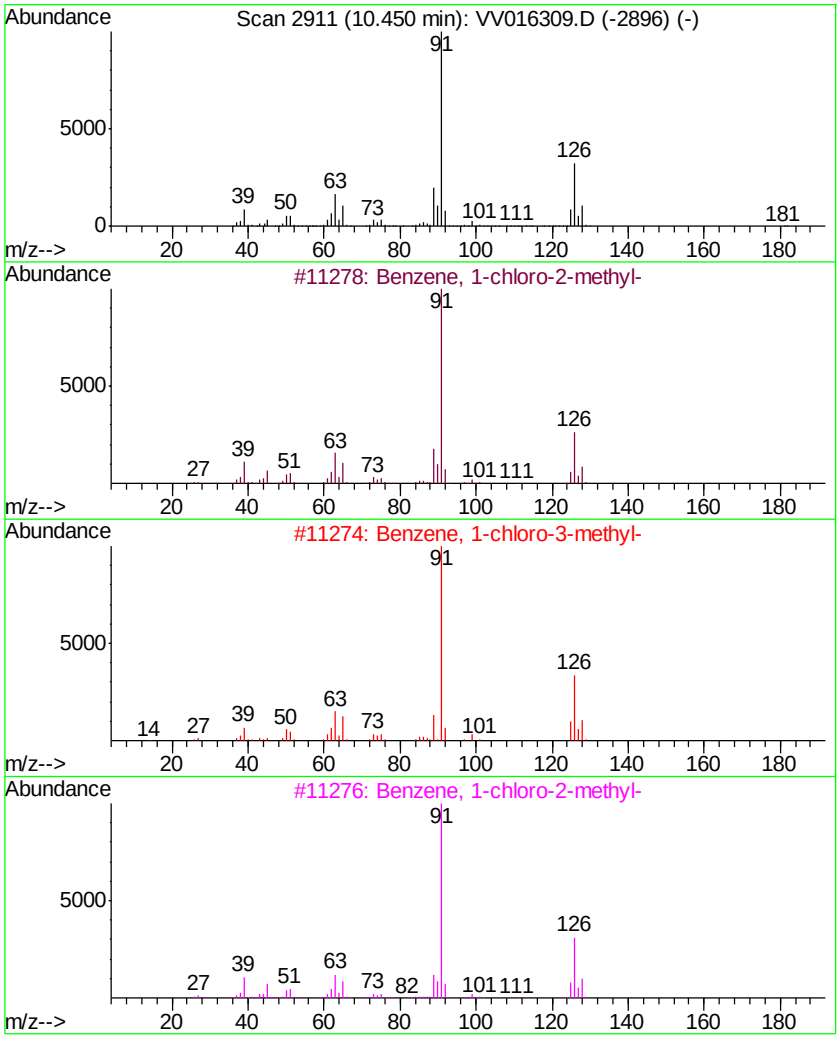
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

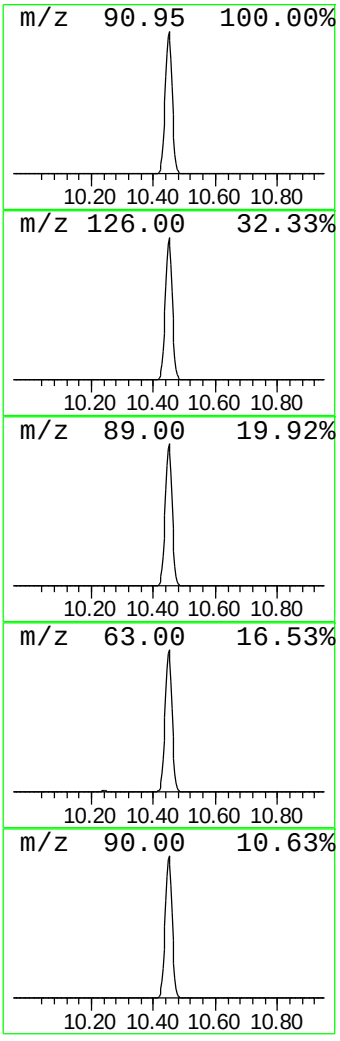
****

Peak Number 1 Benzene, 1-chloro-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	134.15 ug/L	14612700	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	95
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

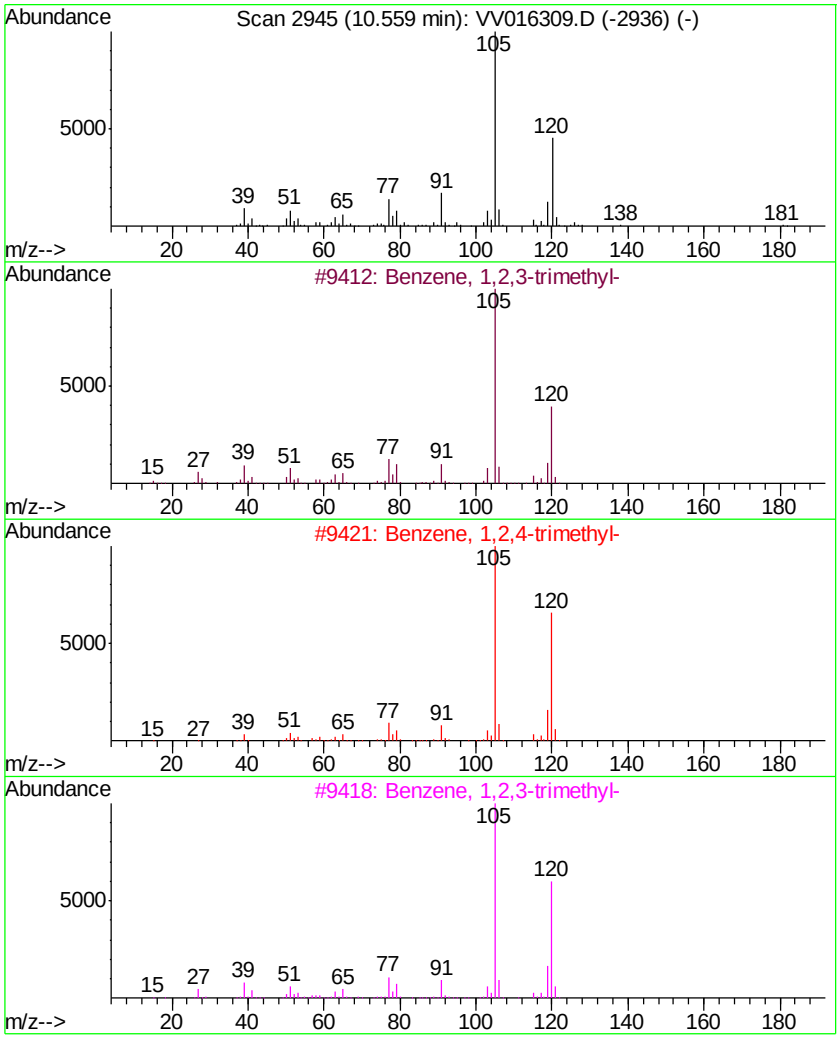
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

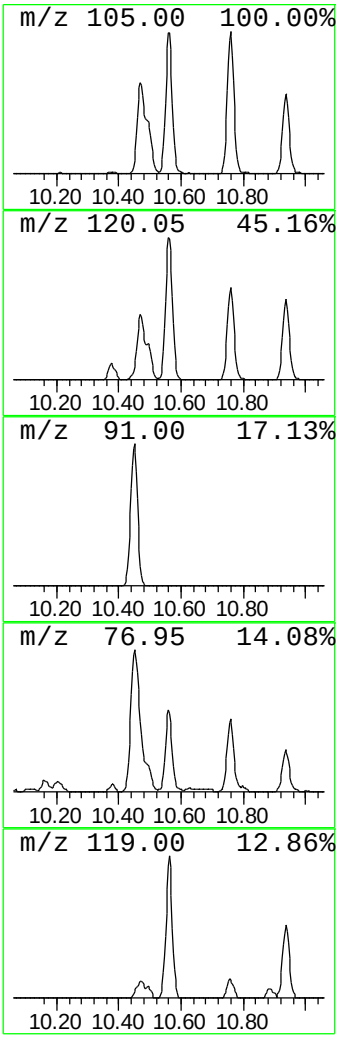
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	1.58 ug/L	172414	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

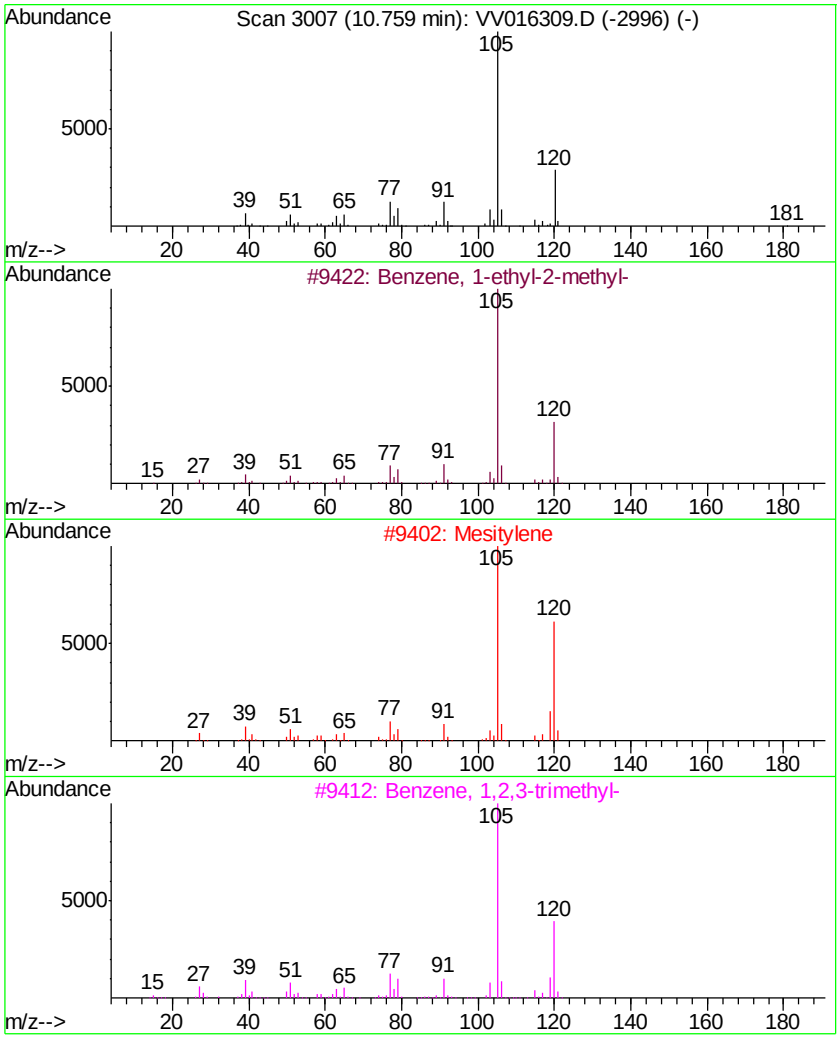
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

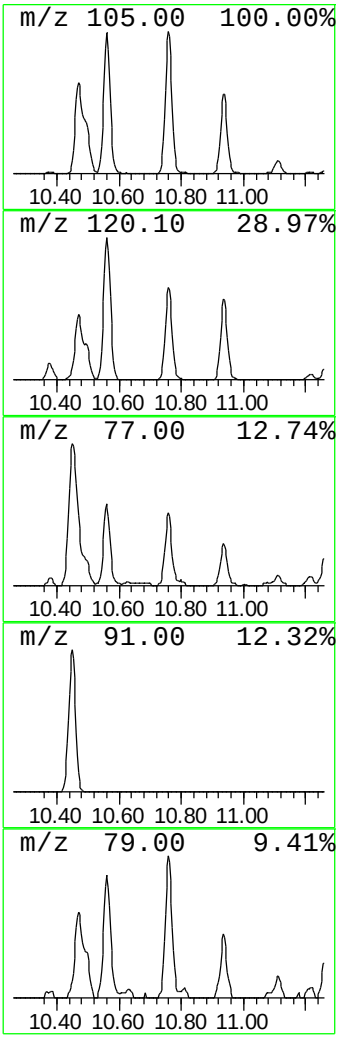
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	1.35 ug/L	147593	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

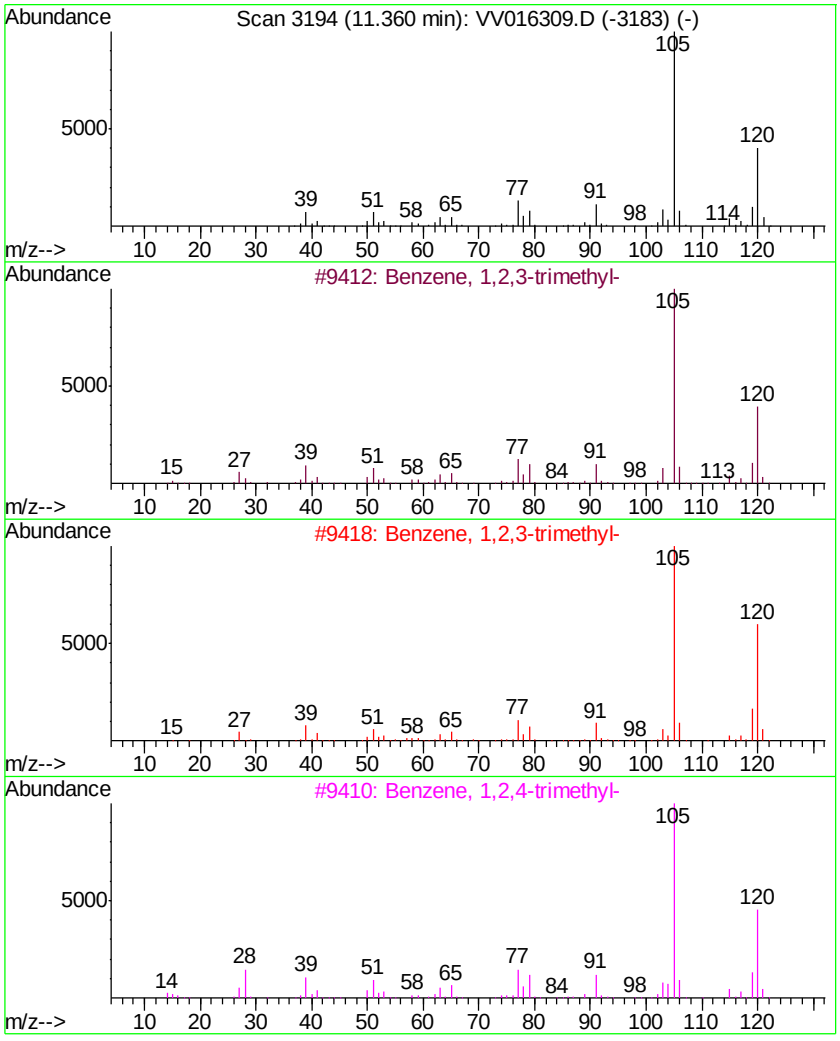
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

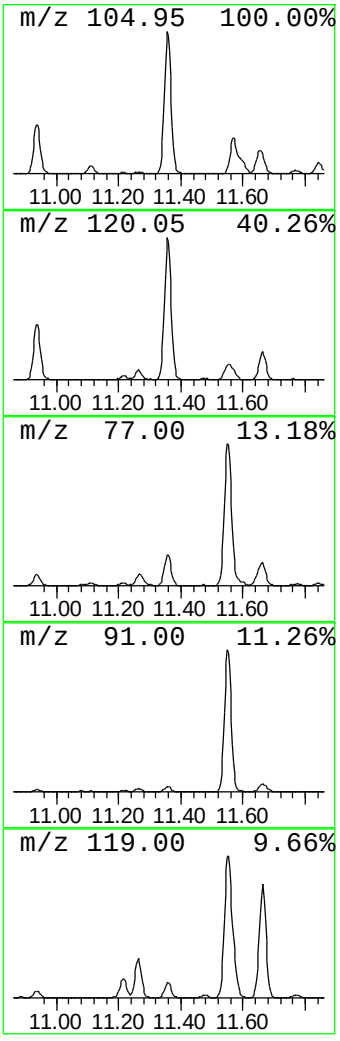
****

Peak Number 4 Mesitylene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.25 ug/L	245050	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

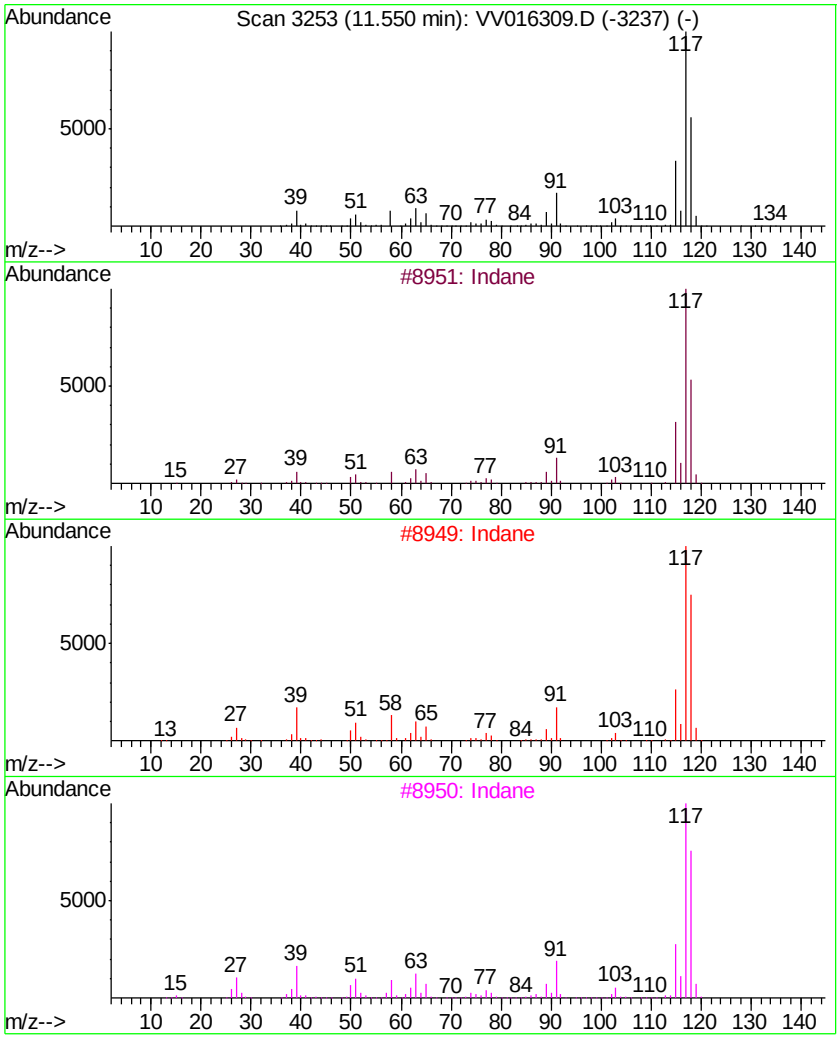
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

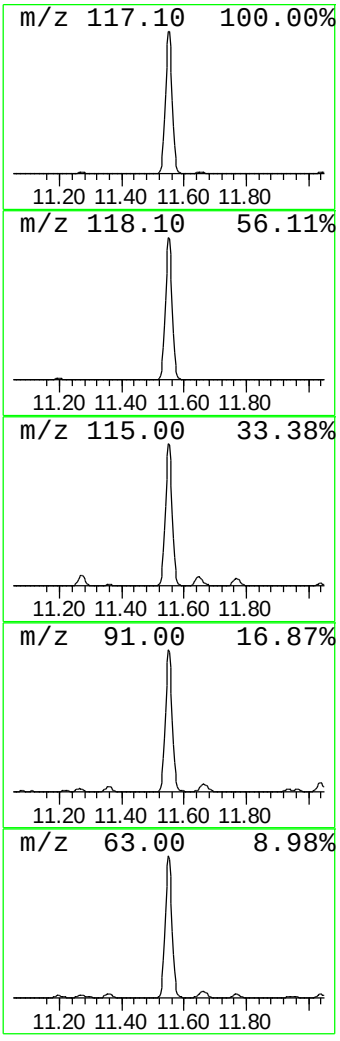
****

Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	43.26 ug/L	4712190	1,4-Dichlorobenzene-d4	11.27

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	Deltacyclene	118	C9H10	007785-10-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

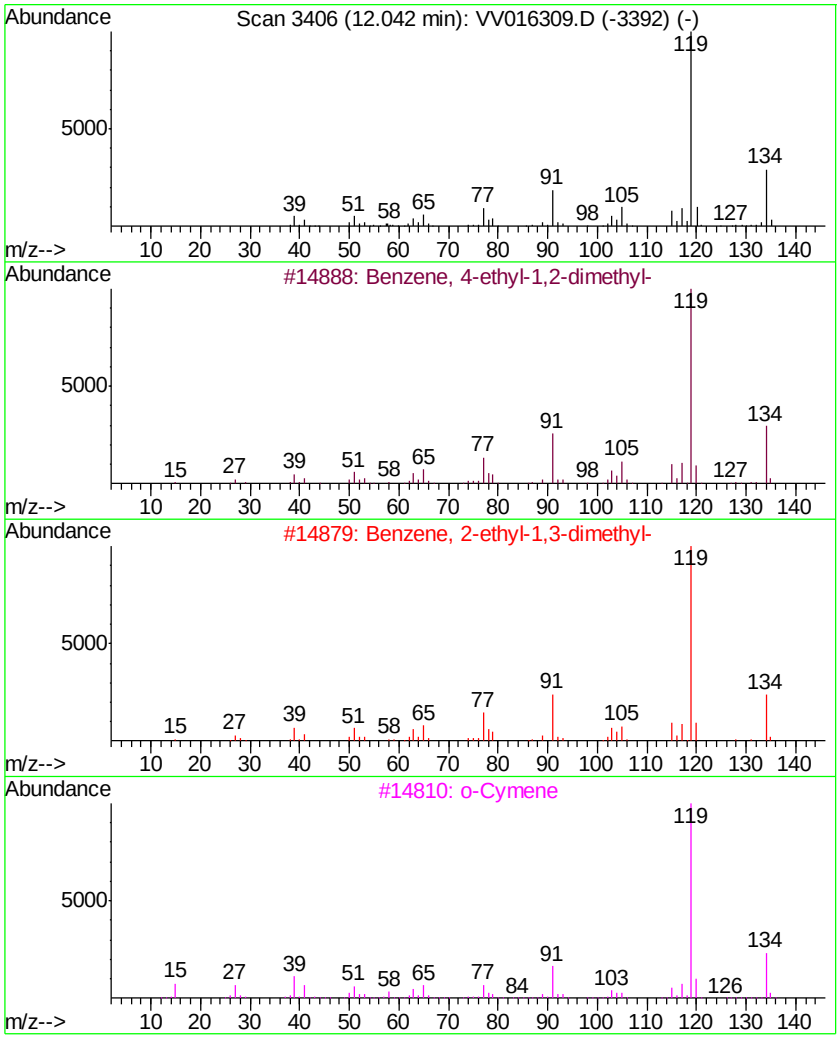
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

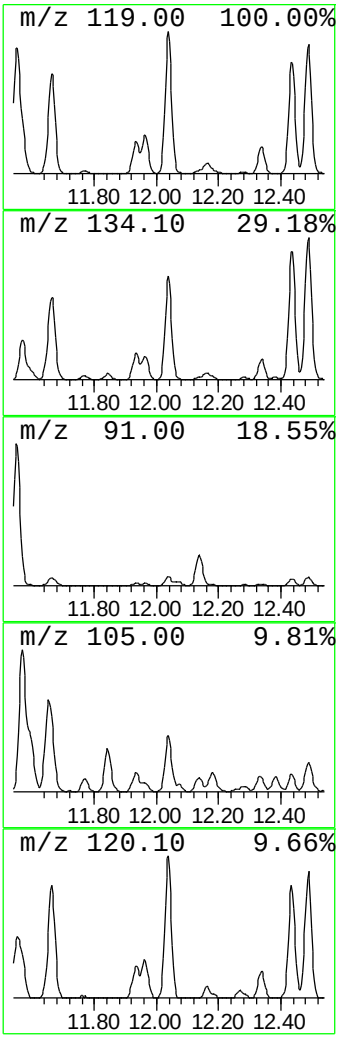
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.31 ug/L	251569	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

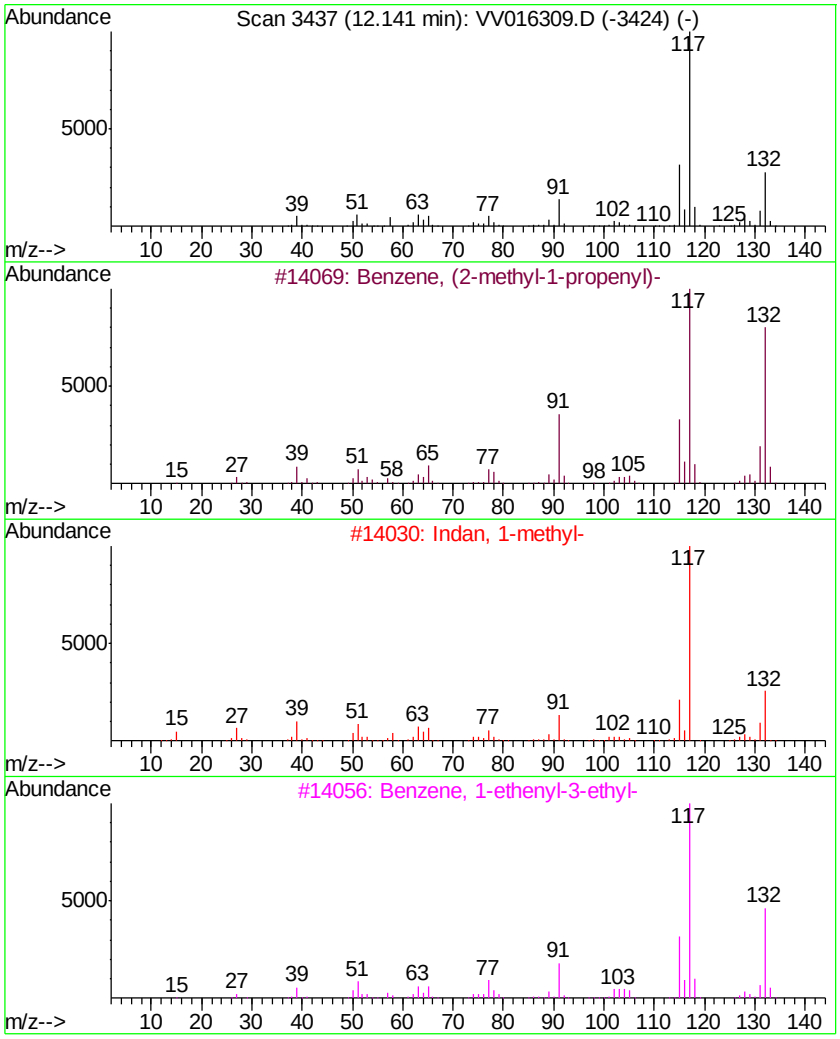
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

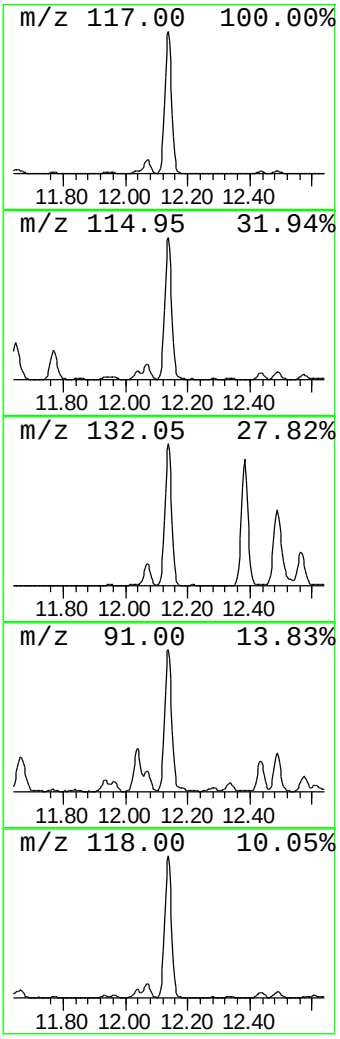
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (2-methyl-1-propen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	10.41 ug/L	1134390	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

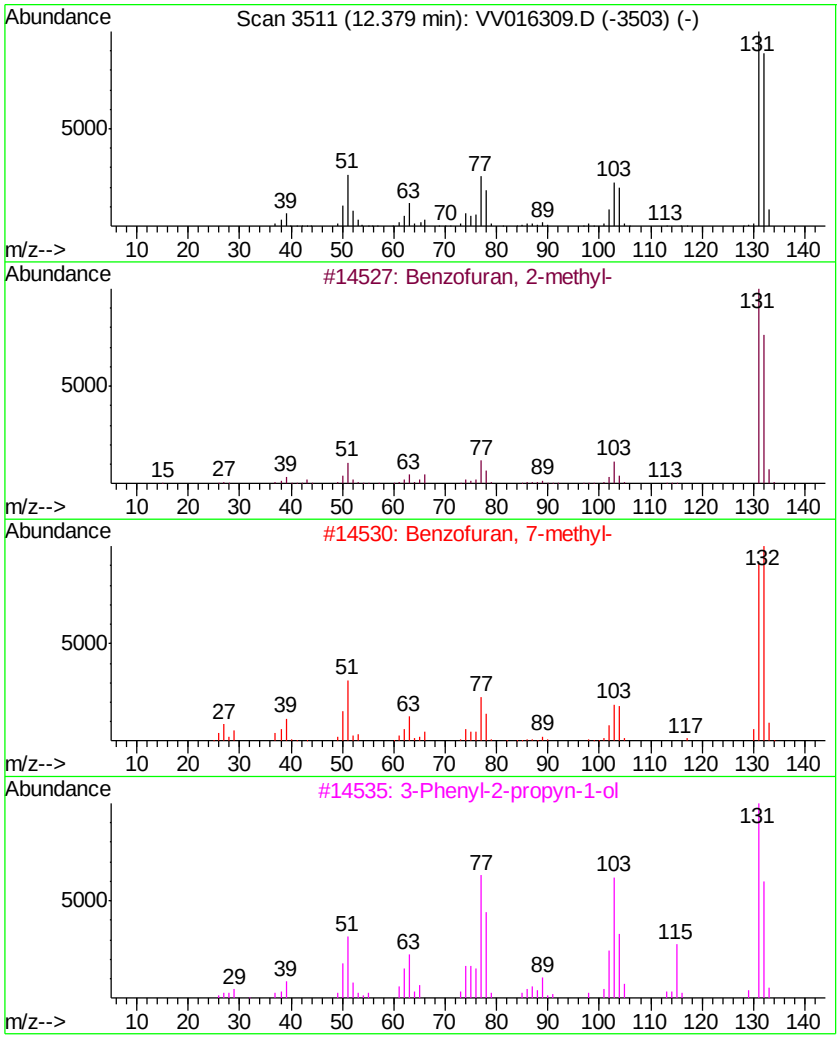
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

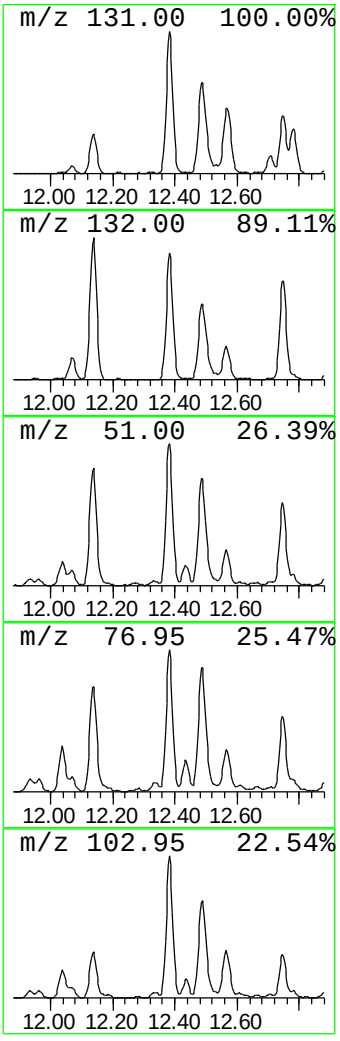
****

Peak Number 8 Benzofuran, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	3.63 ug/L	395525	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

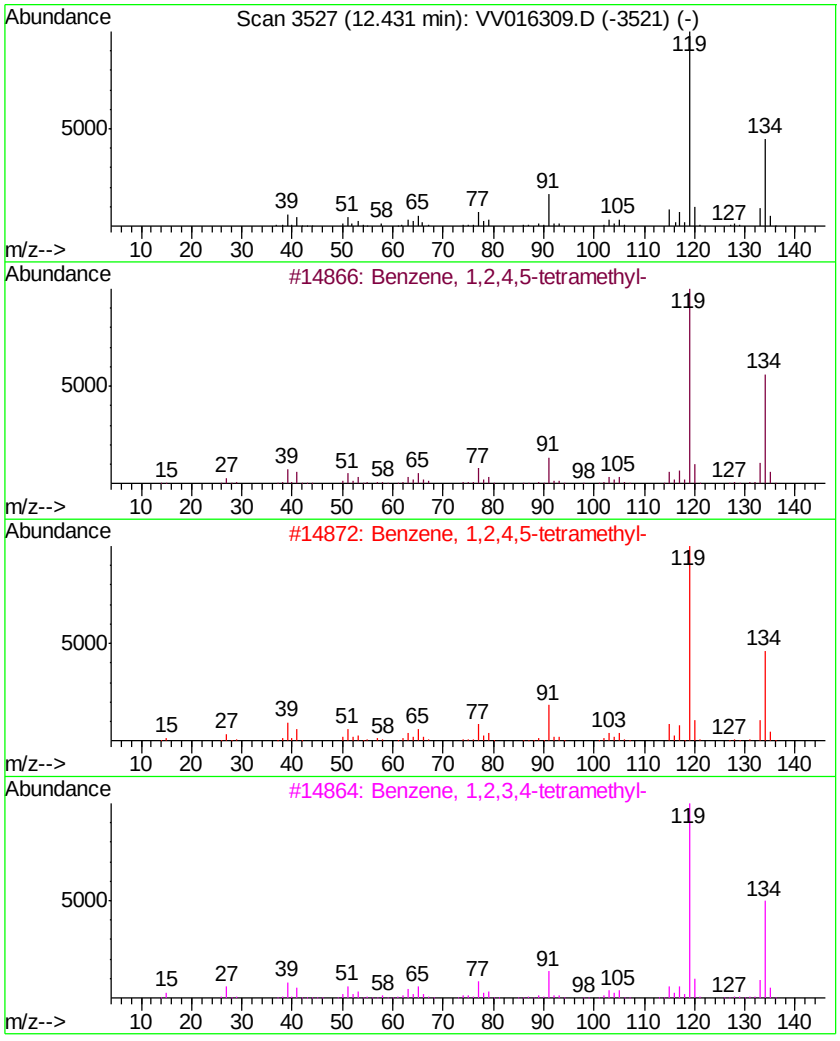
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

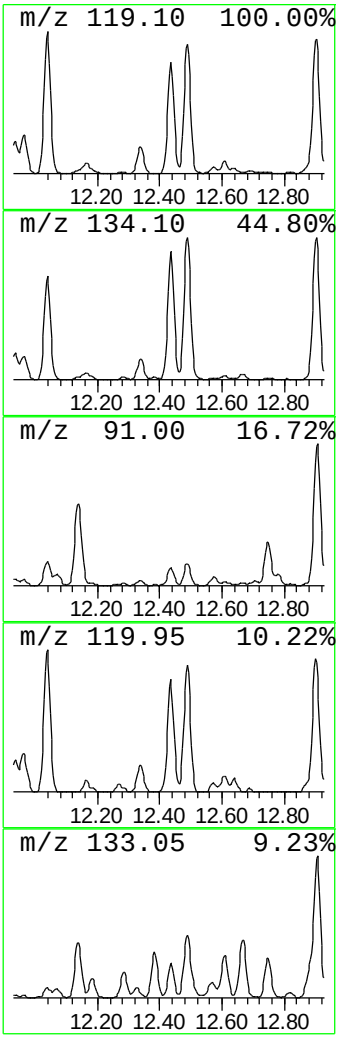
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	1.47 ug/L	160475	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

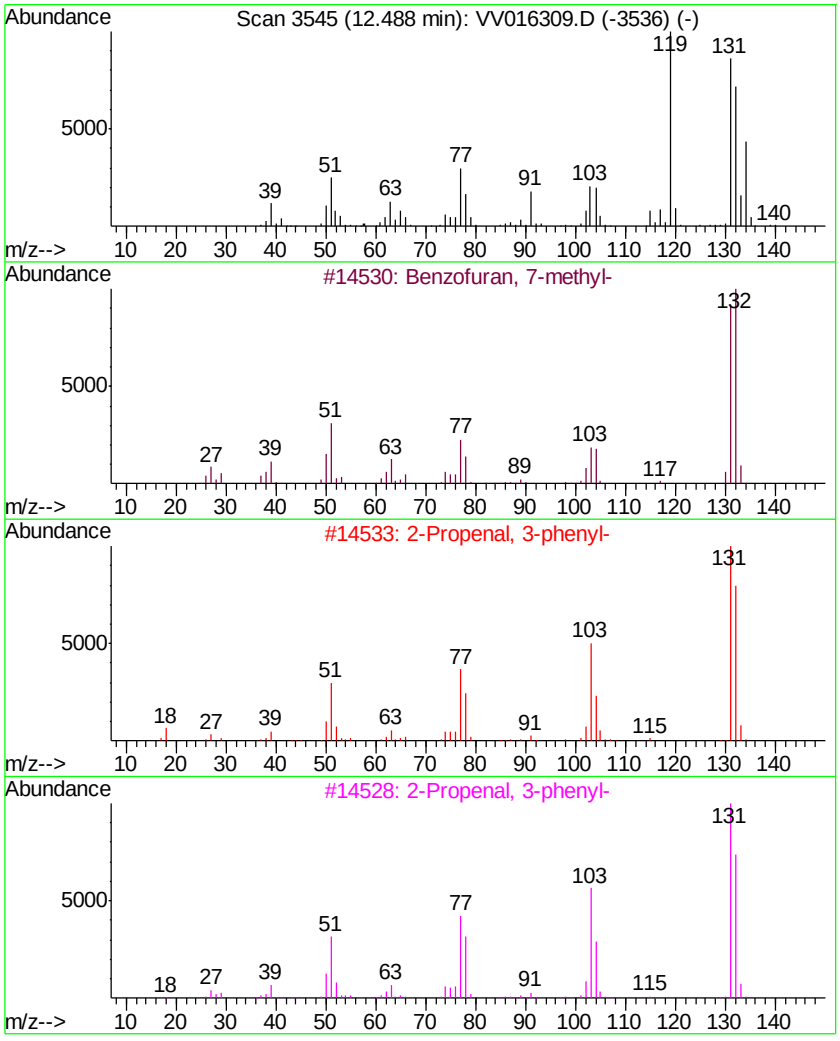
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

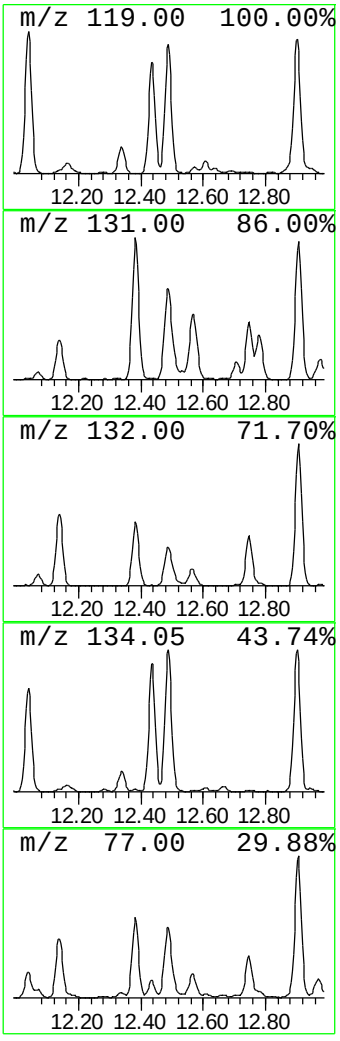
****

Peak Number 10 Benzofuran, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.67 ug/L	508840	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	78
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	70
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	70
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	55
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	55





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

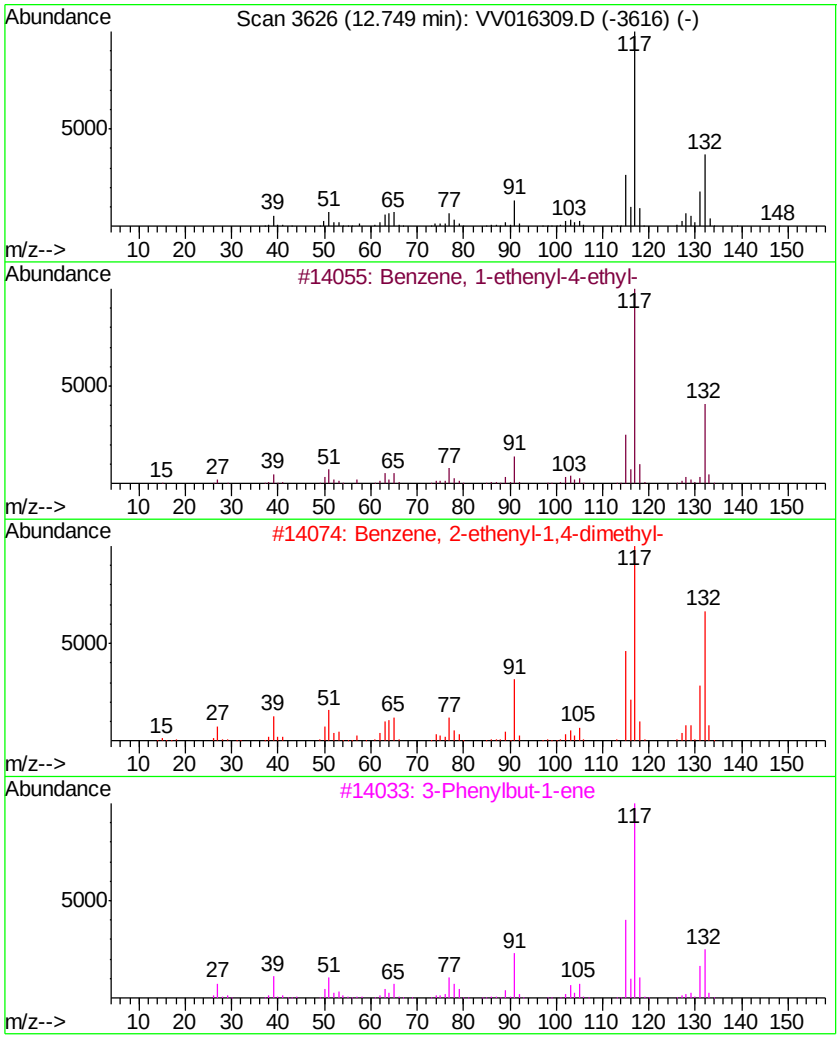
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

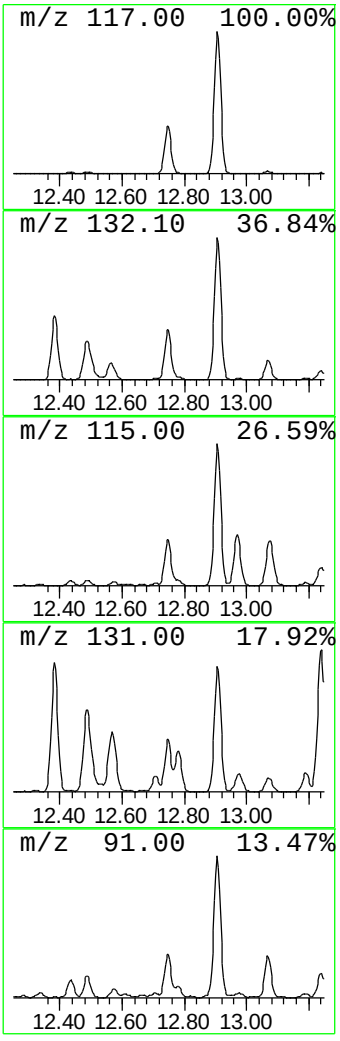
****

Peak Number 12 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	5.52 ug/L	601561	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

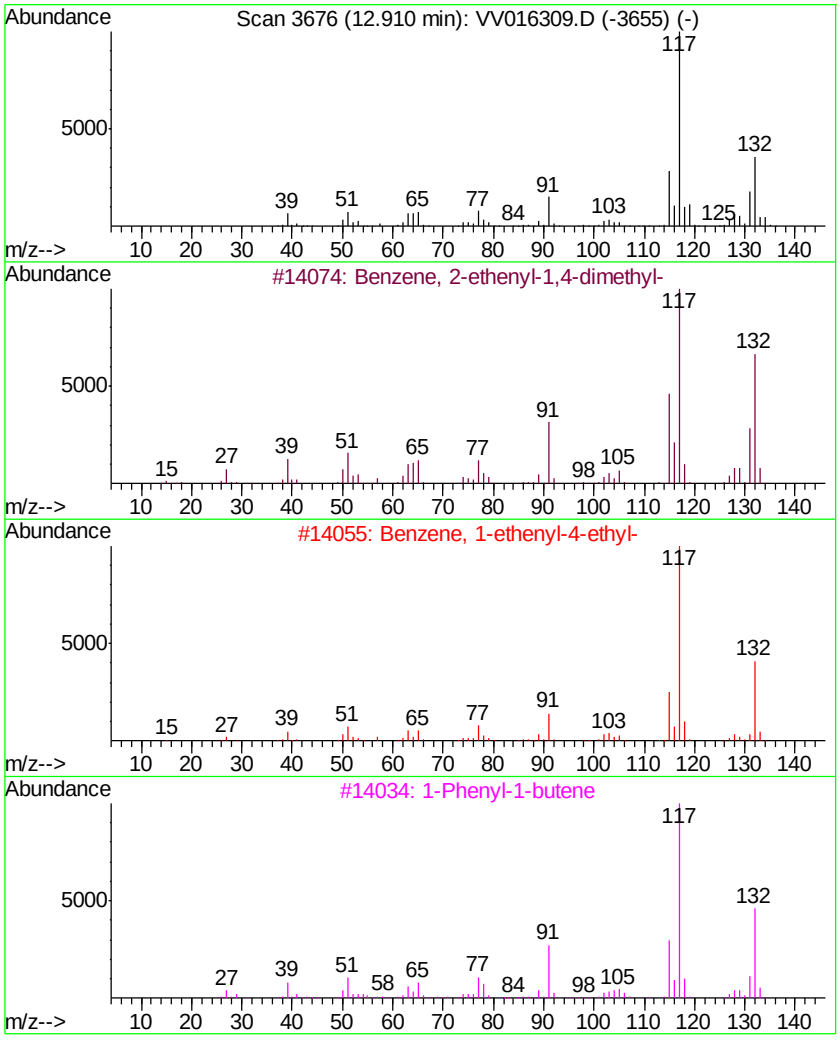
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

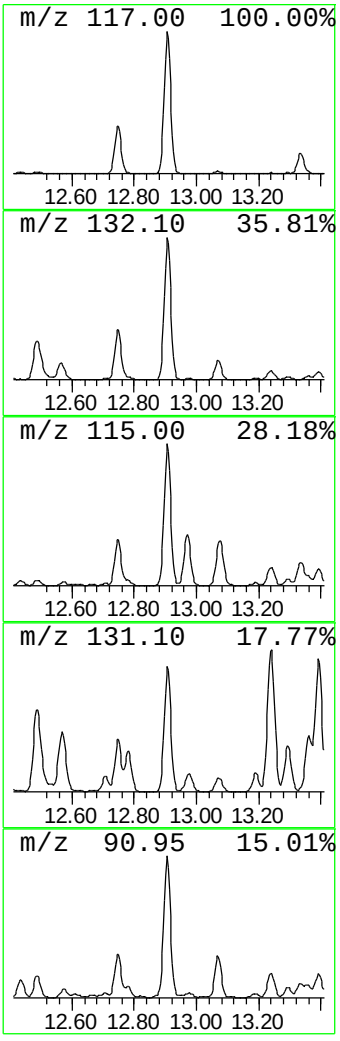
****

Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	19.27 ug/L	2099380	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

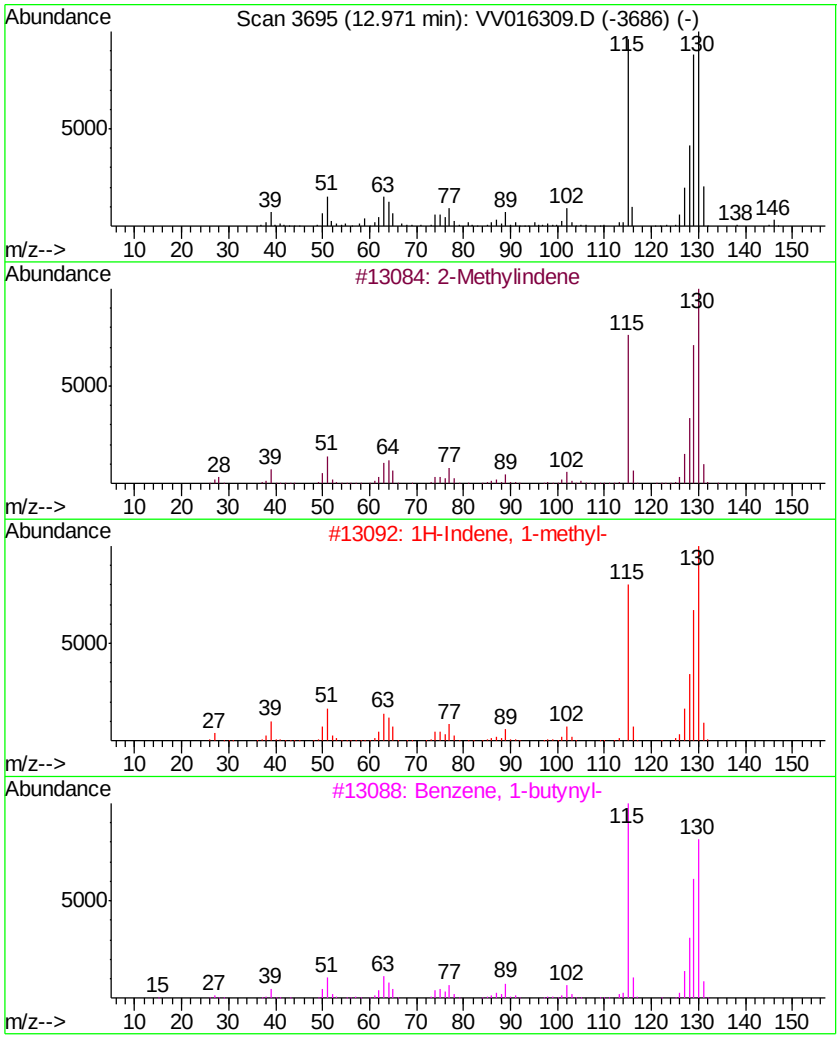
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

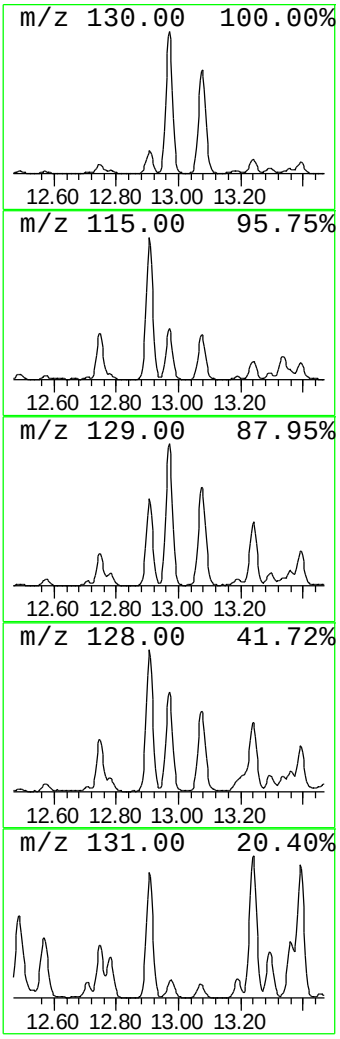
****

Peak Number 14 2-Methylindene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	3.43 ug/L	373599	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	92
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

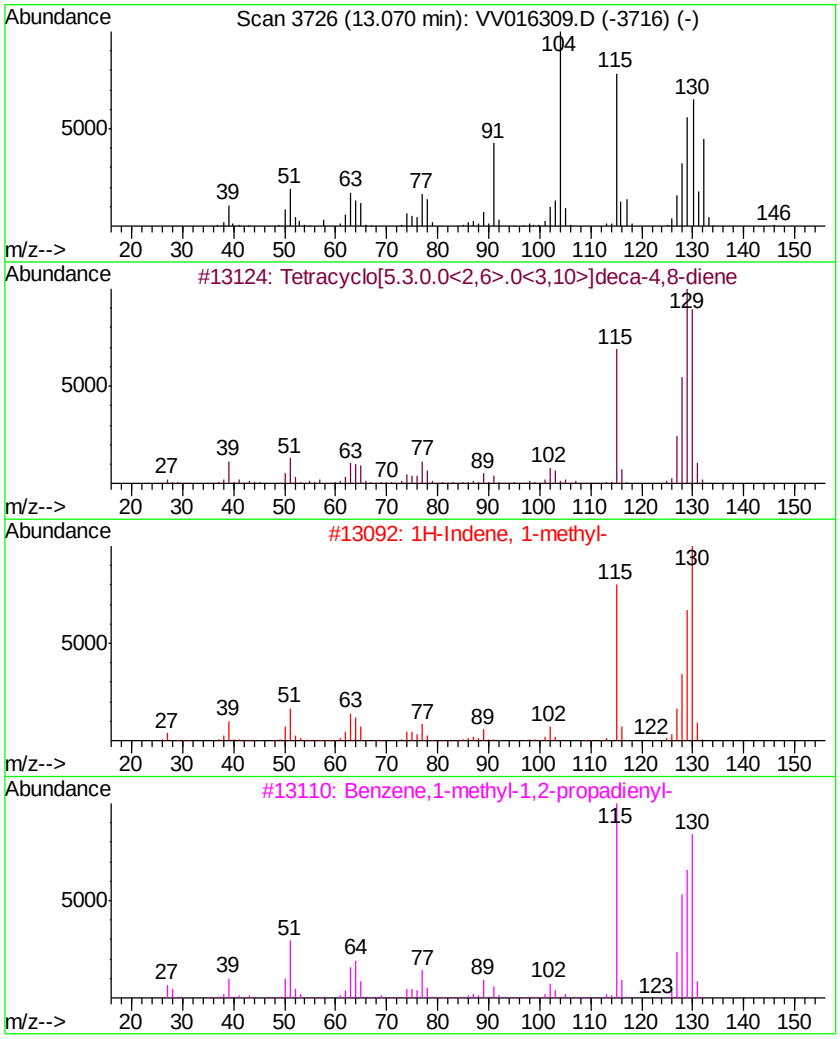
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

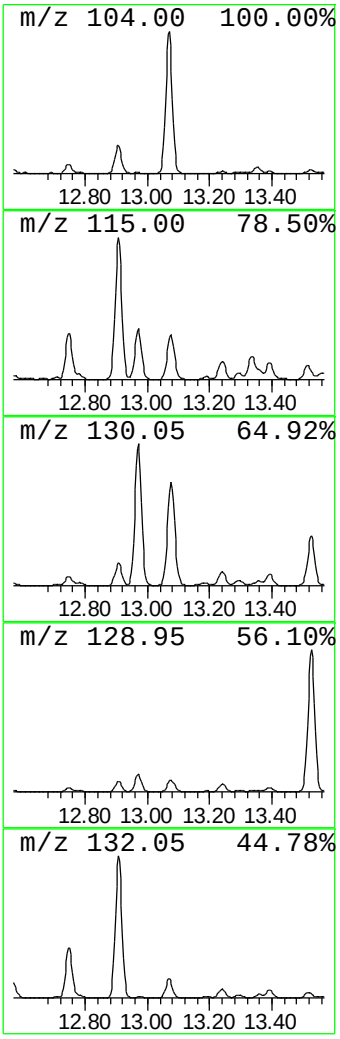
****

Peak Number 15 1H-Indene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	4.56 ug/L	496225	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	90
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	89
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
5	2-Methylindene	130	C10H10	002177-47-1	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

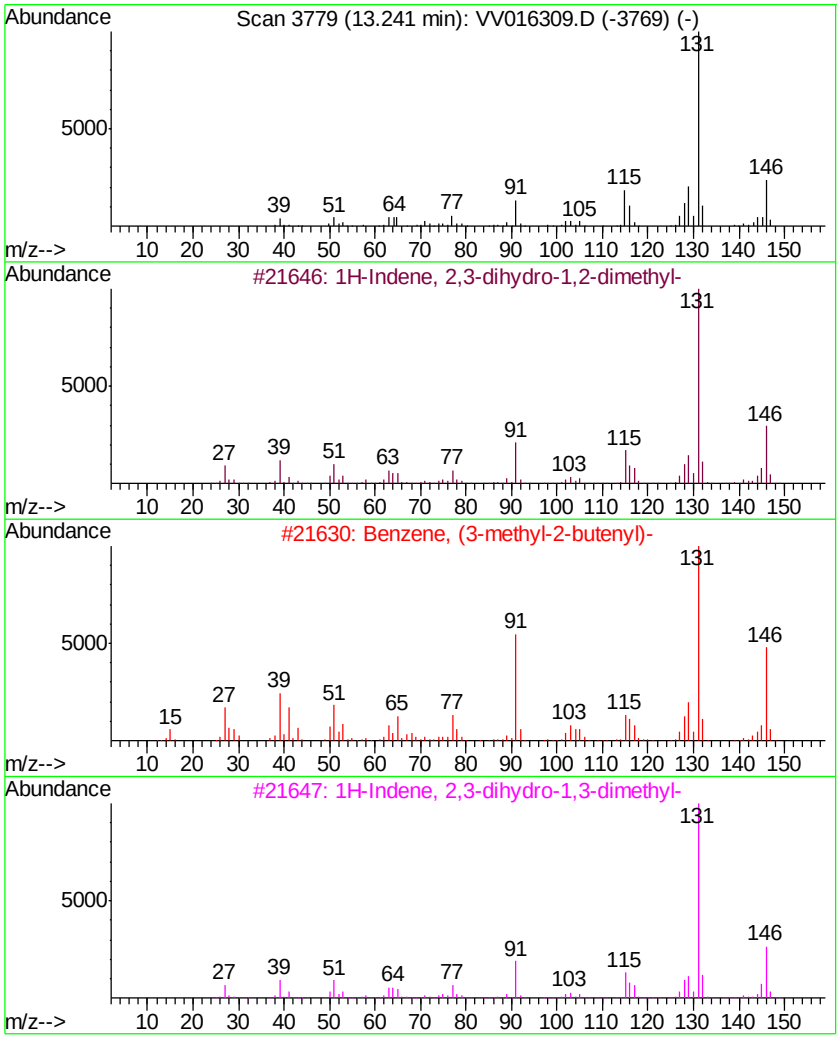
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

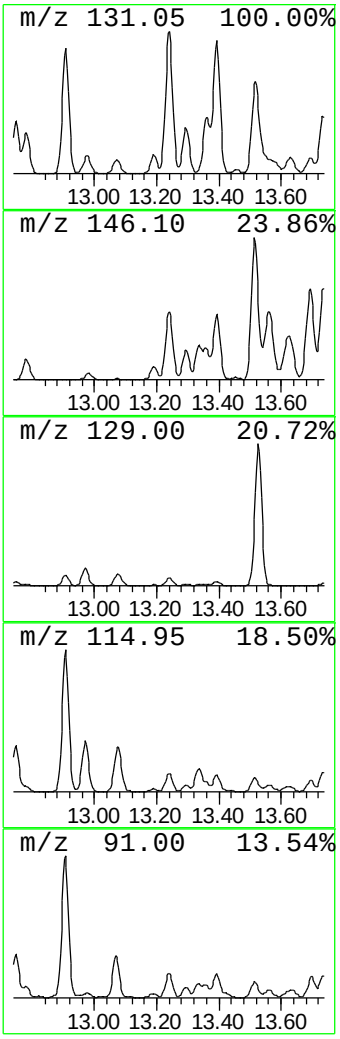
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	3.22 ug/L	350460	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

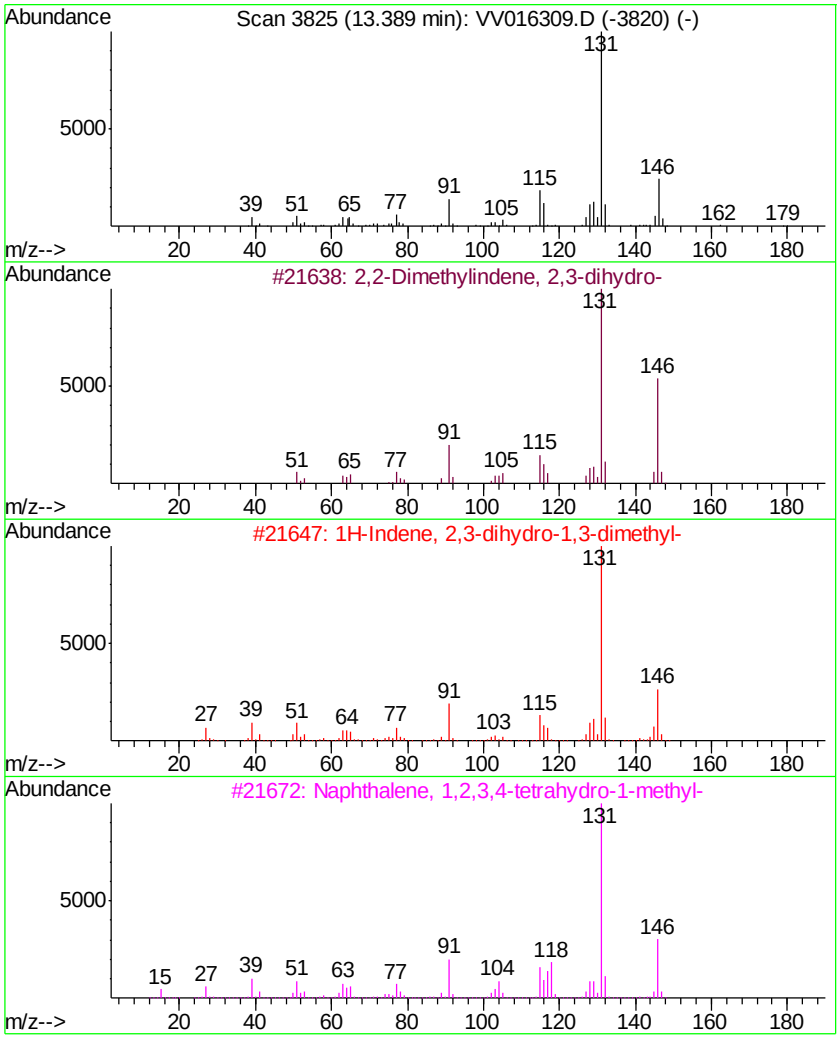
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

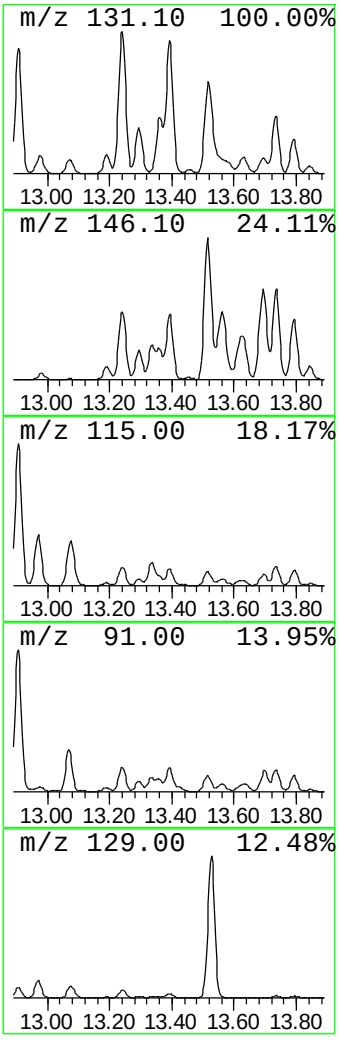
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2,2-Dimethylindene, 2,3-dih... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	3.24 ug/L	353368	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

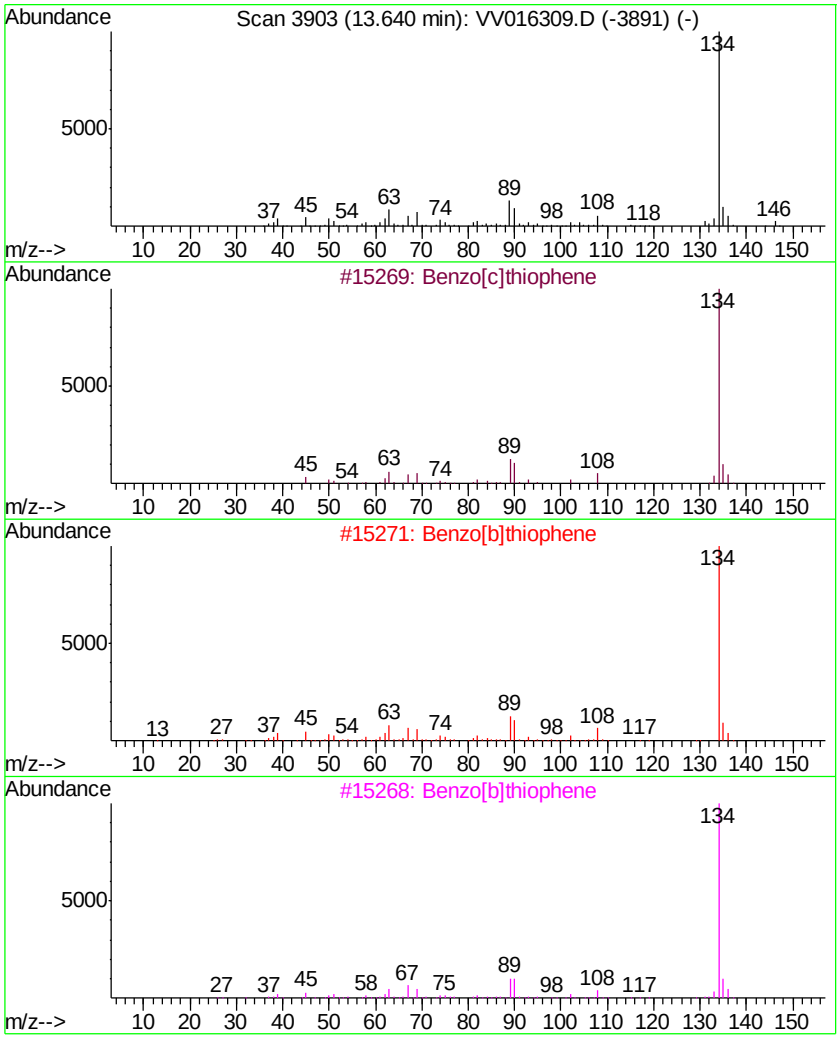
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

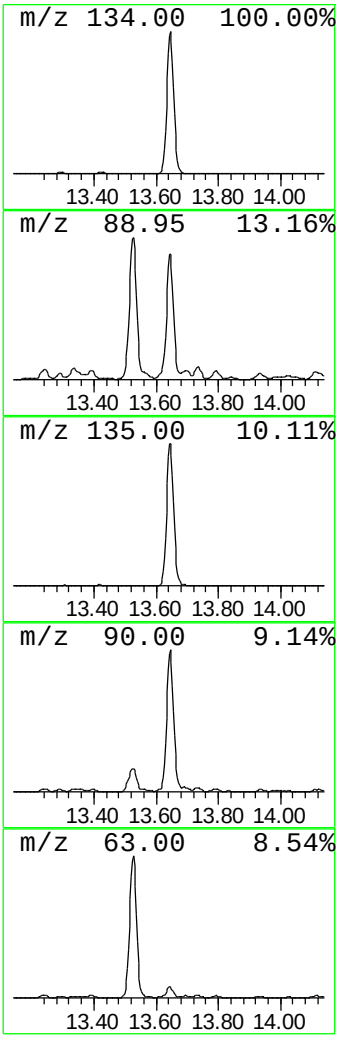
****

Peak Number 19 Benzo[c]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	6.77 ug/L	737590	1,4-Dichlorobenzene-d4	11.27

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	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

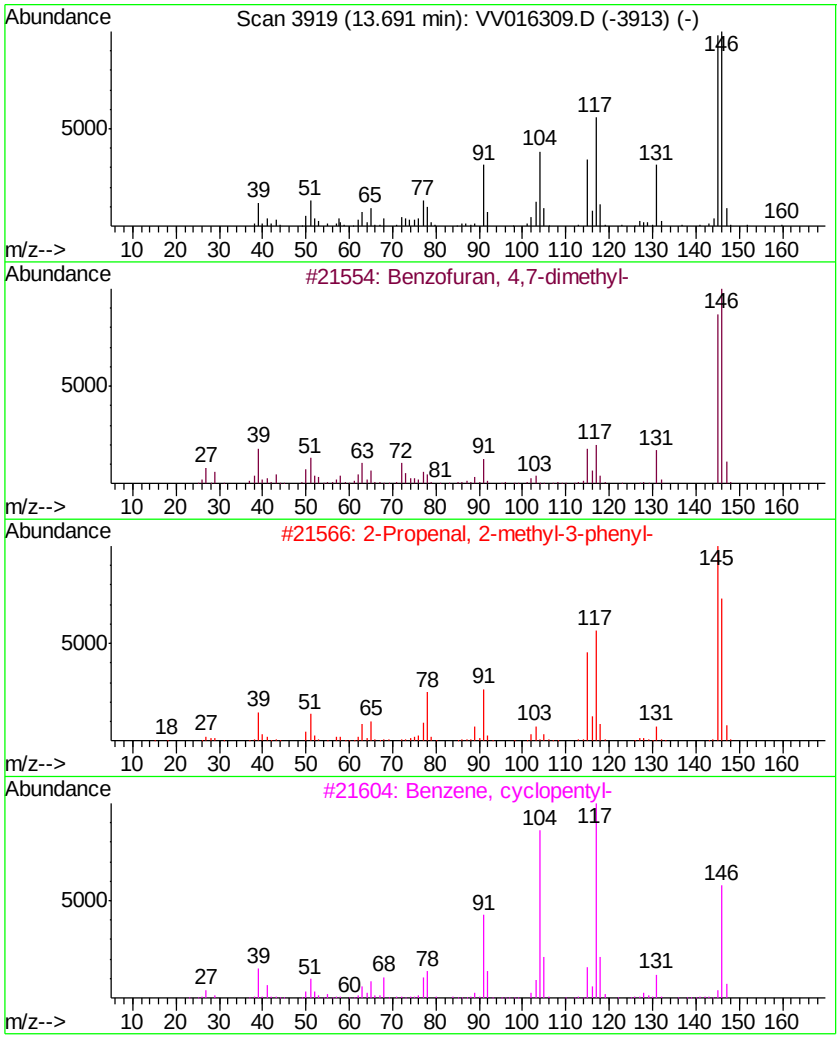
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

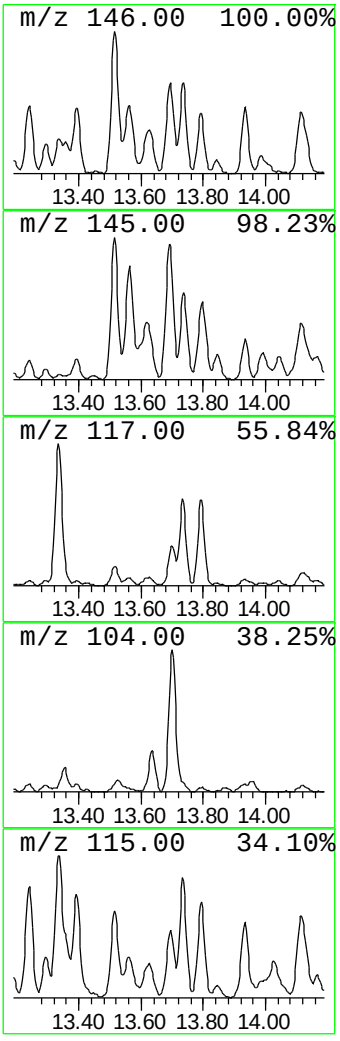
****

Peak Number 20 Benzofuran, 4,7-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.43 ug/L	264879	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	74
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	68
3	Benzene, cyclopentyl-	146	C11H14	000700-88-9	60
4	Benzene, cyclopentyl-	146	C11H14	000700-88-9	55
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

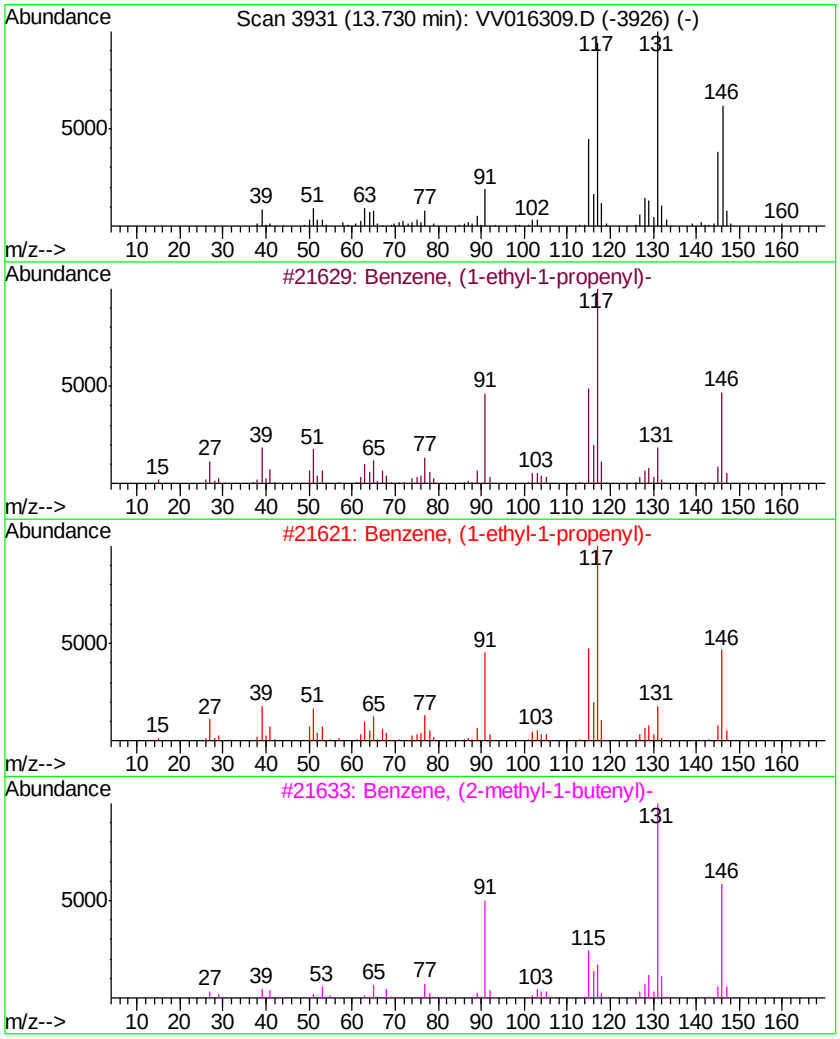
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

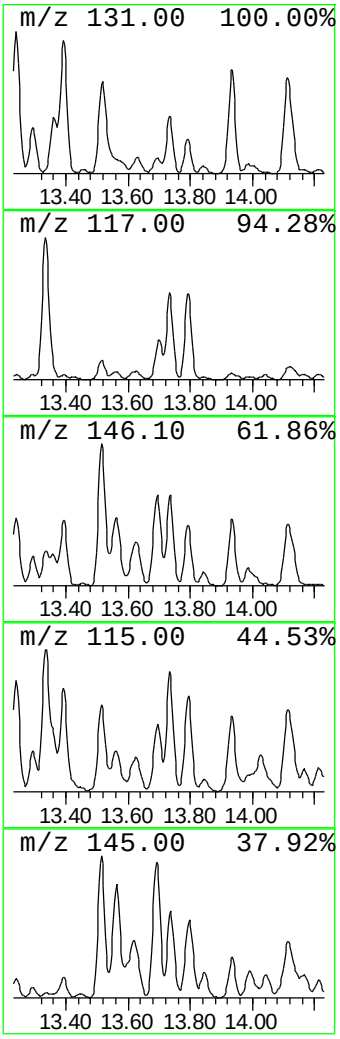
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.91 ug/L	316727	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	64
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	60
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

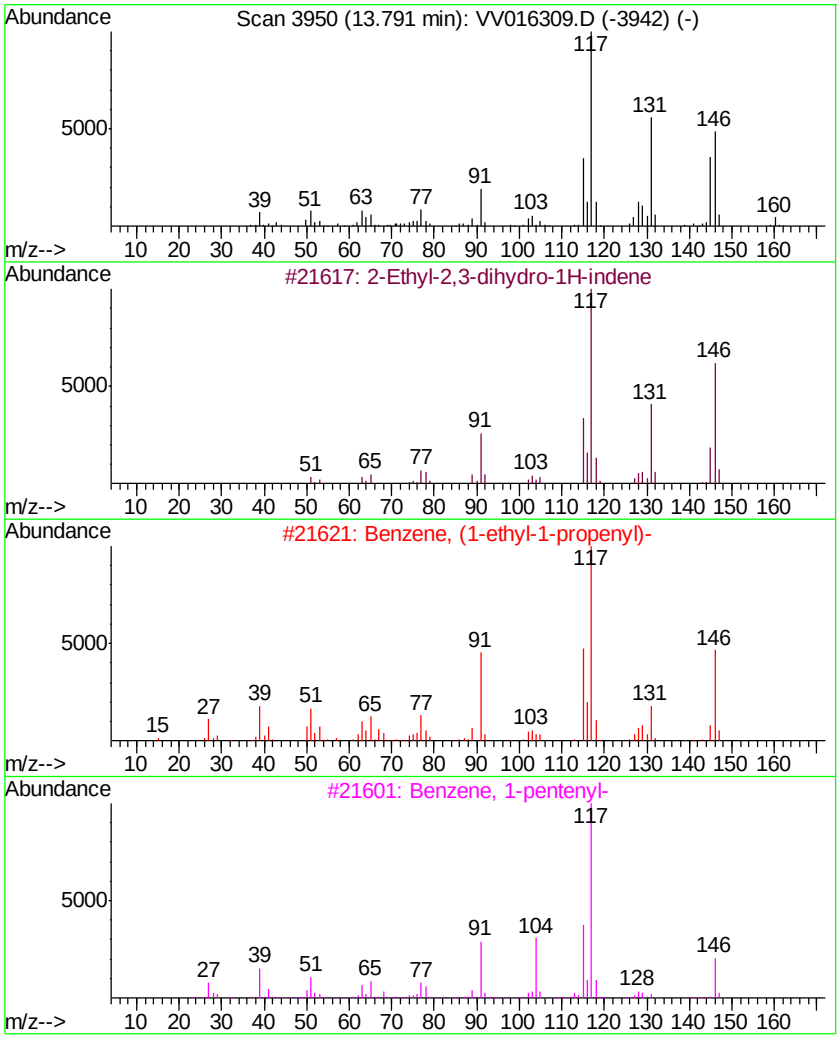
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

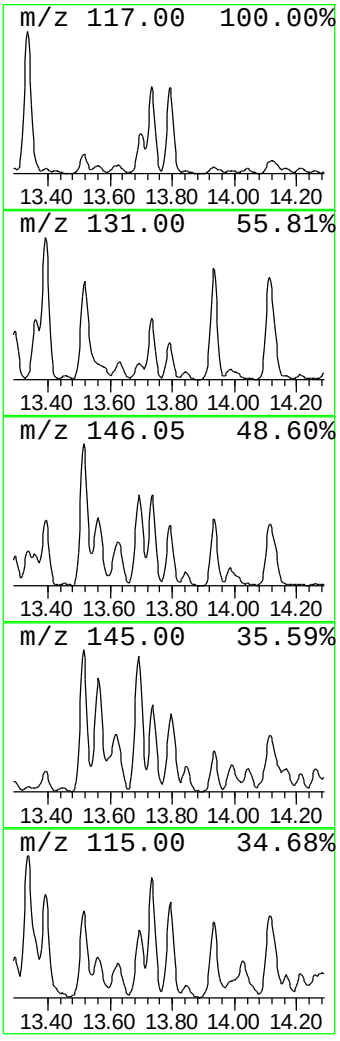
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.19 ug/L	238966	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	76
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	58
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	52
4	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	49
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

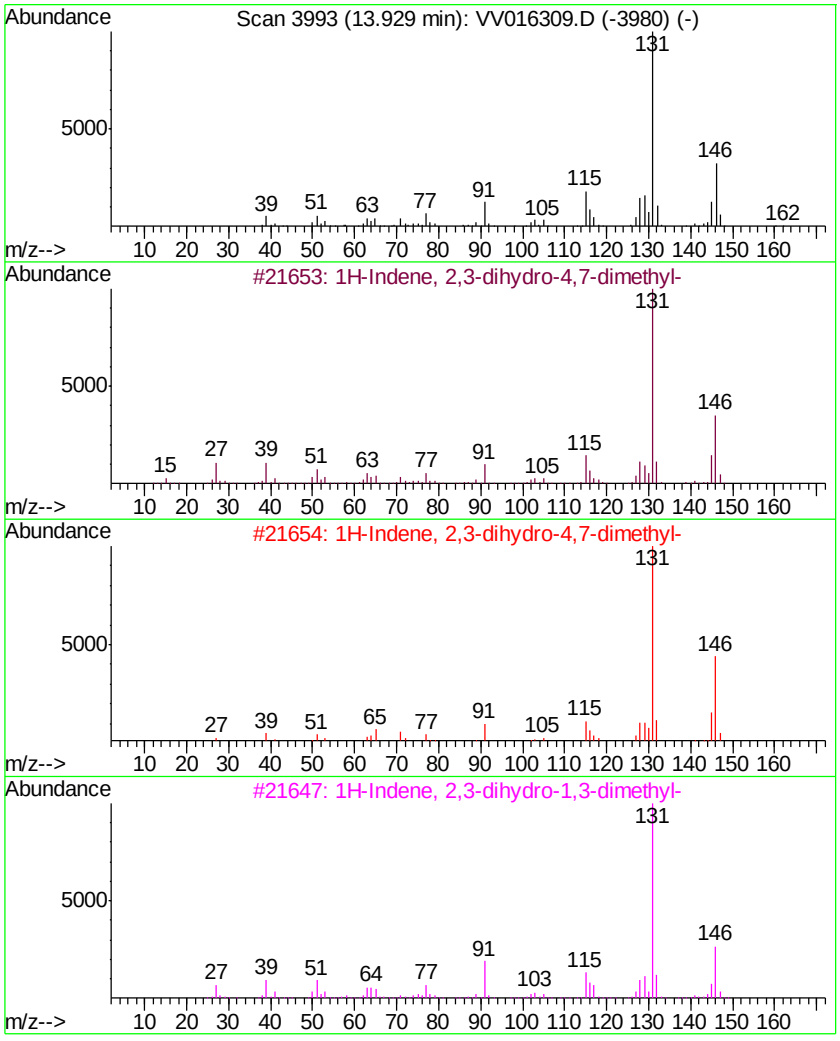
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

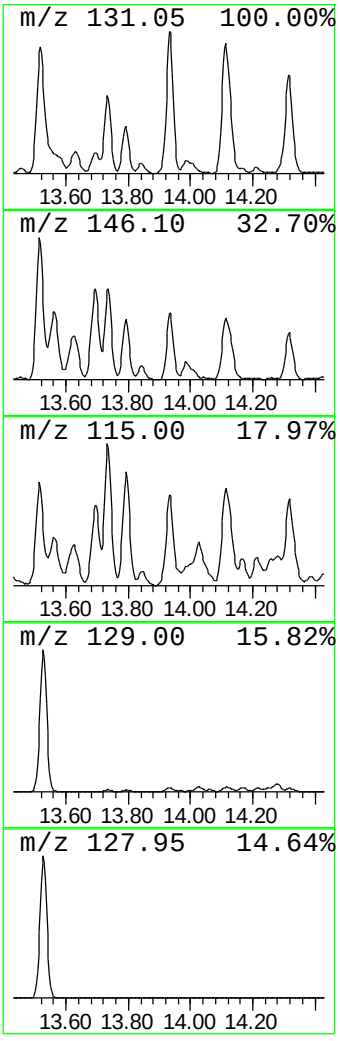
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.87 ug/L	312762	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	95
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

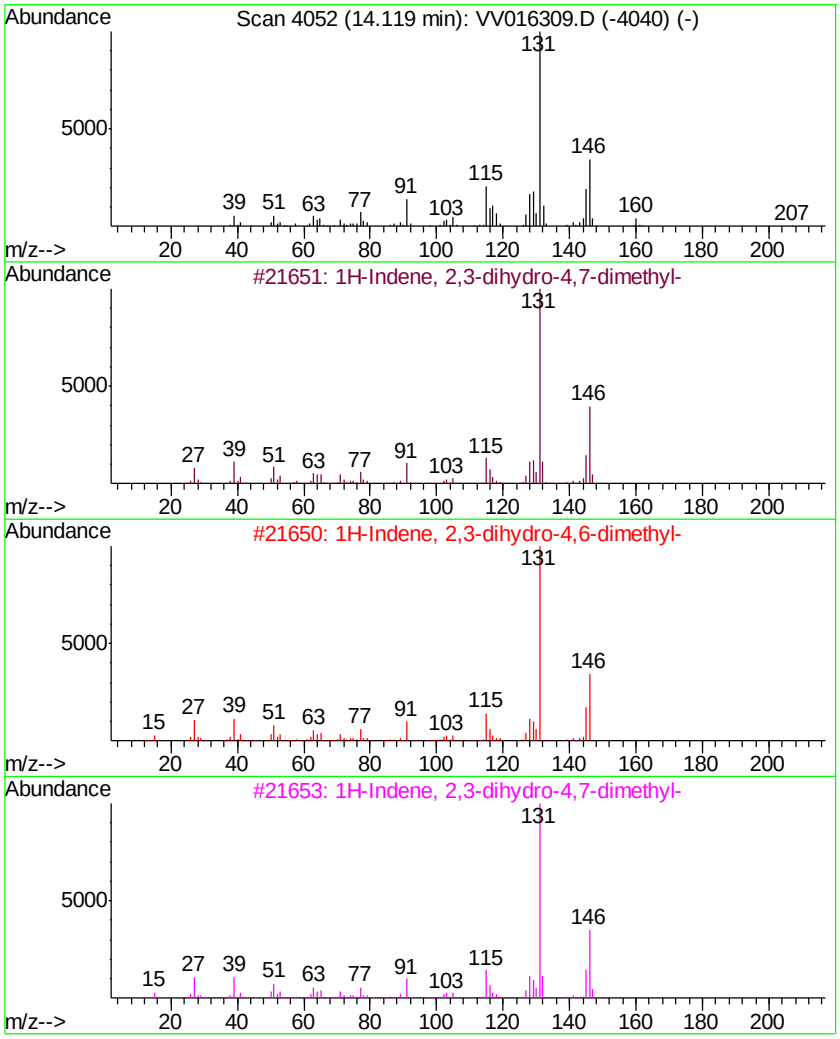
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

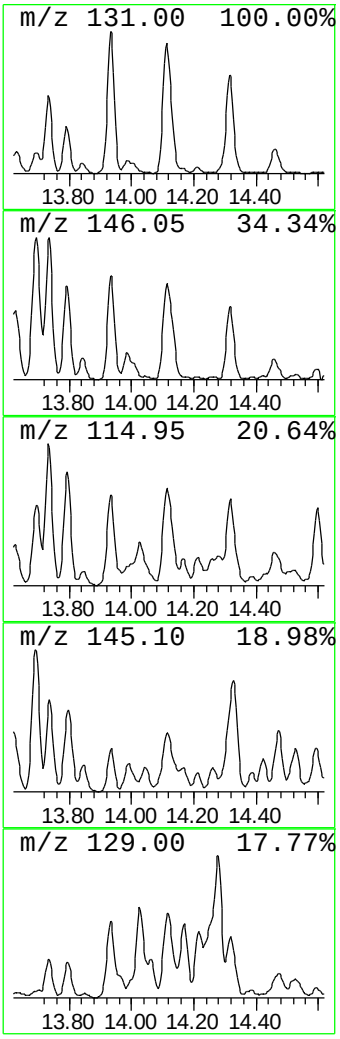
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.50 ug/L	381265	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

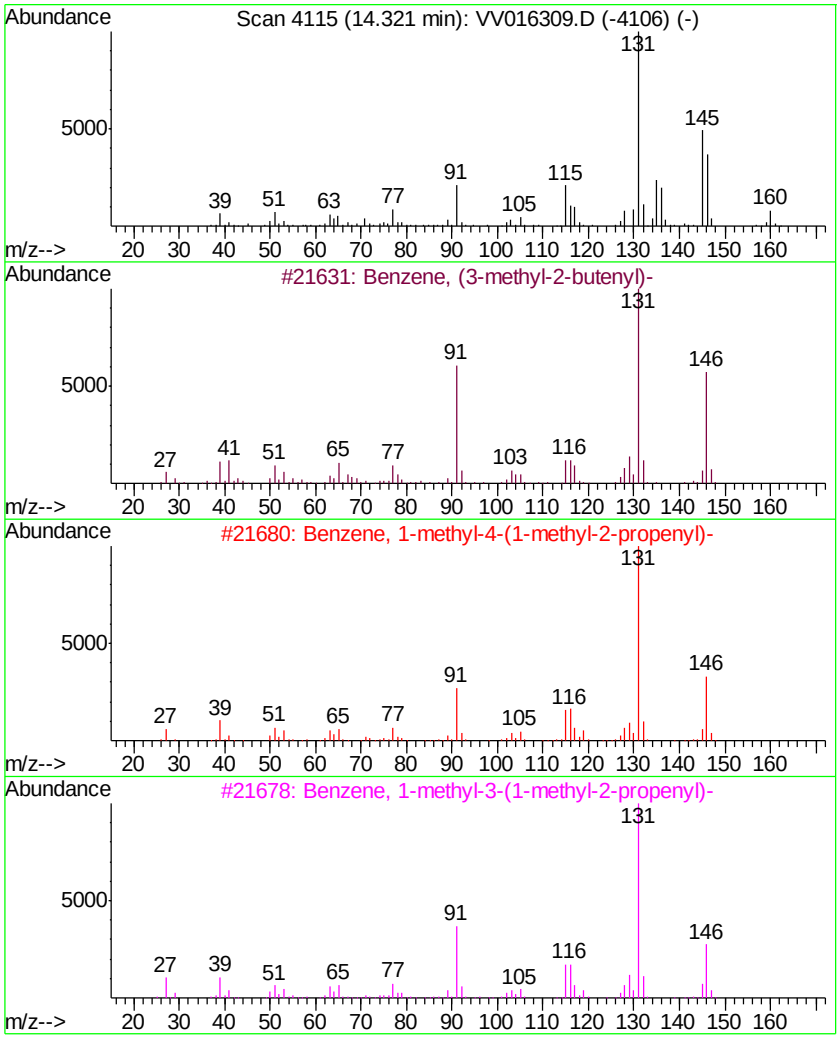
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

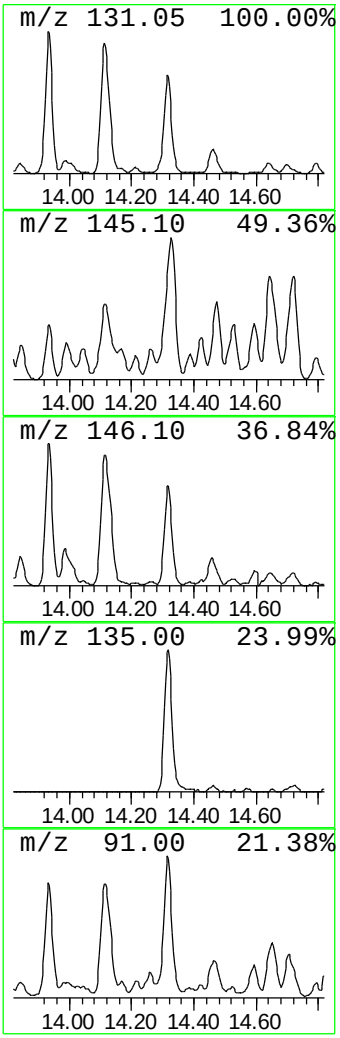
****

Peak Number 25 Benzene, (3-methyl-2-butenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	3.21 ug/L	349273	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	58
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	58
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	53
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

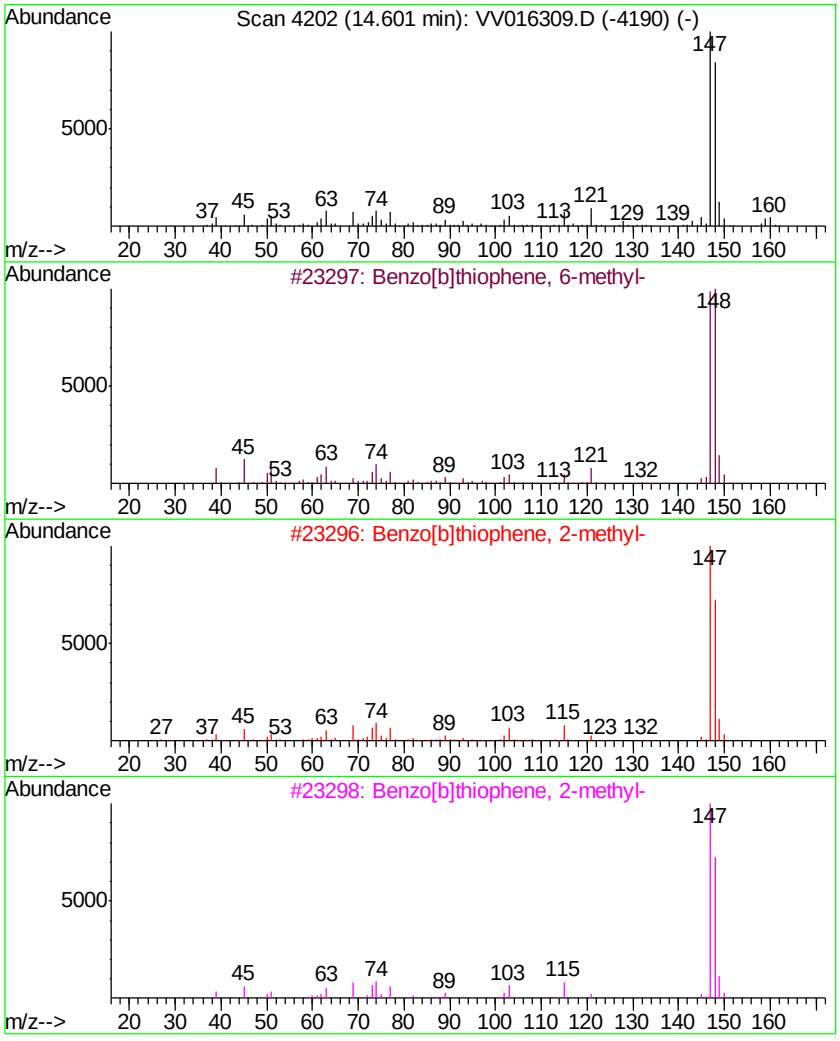
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

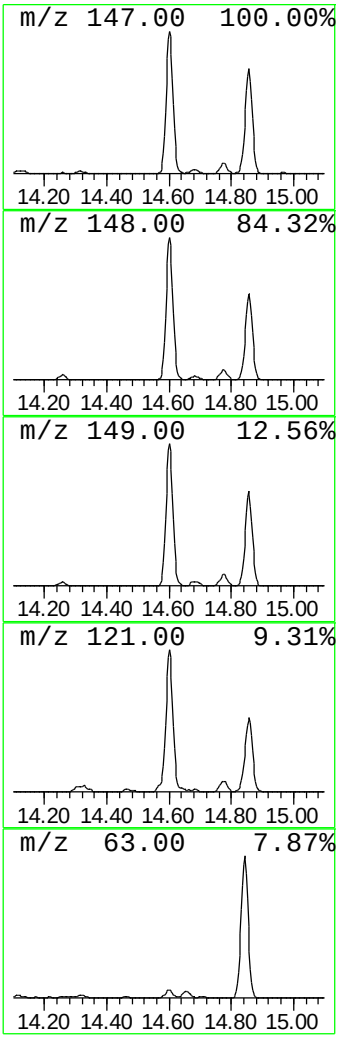
****

Peak Number 26 Benzo[b]thiophene, 6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	5.76 ug/L	627097	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	94
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	93
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	93
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

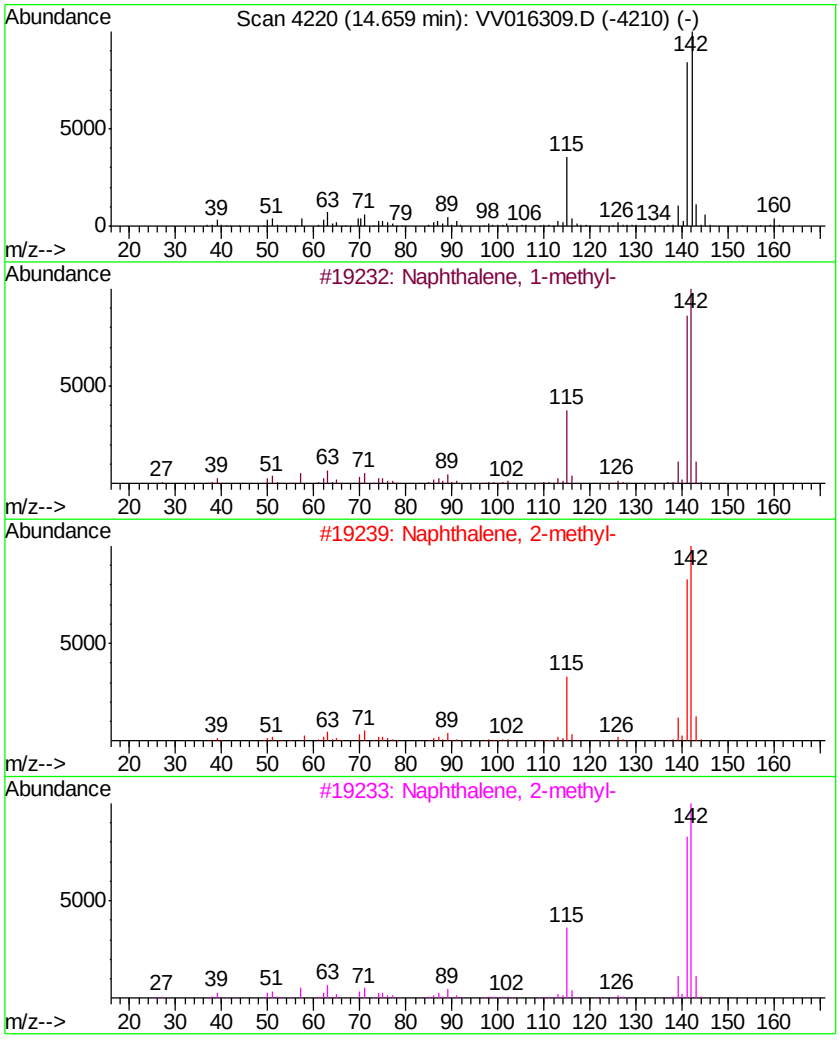
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

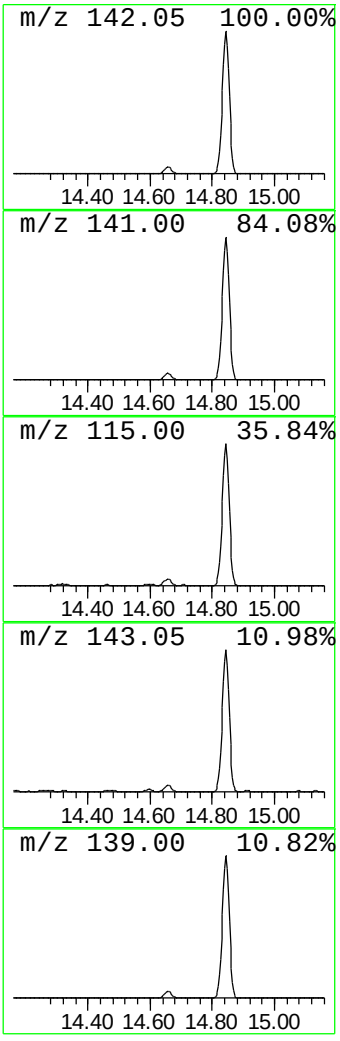
****

Peak Number 27 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.29 ug/L	576119	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	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\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

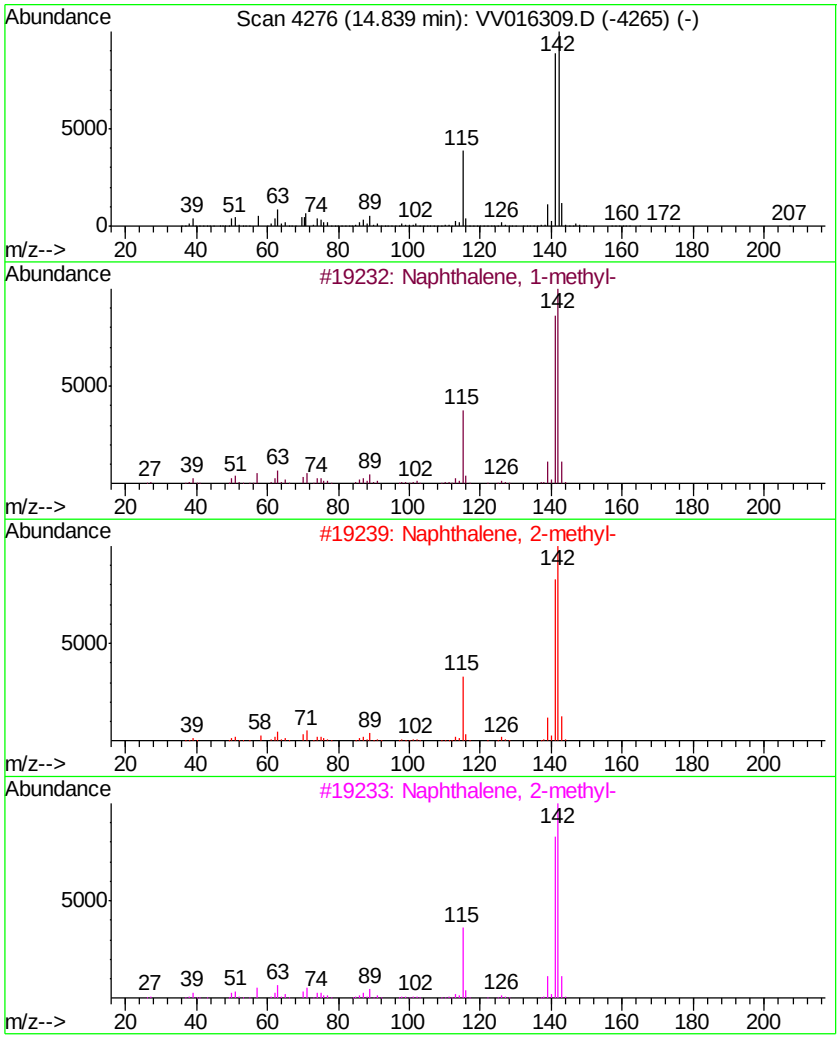
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

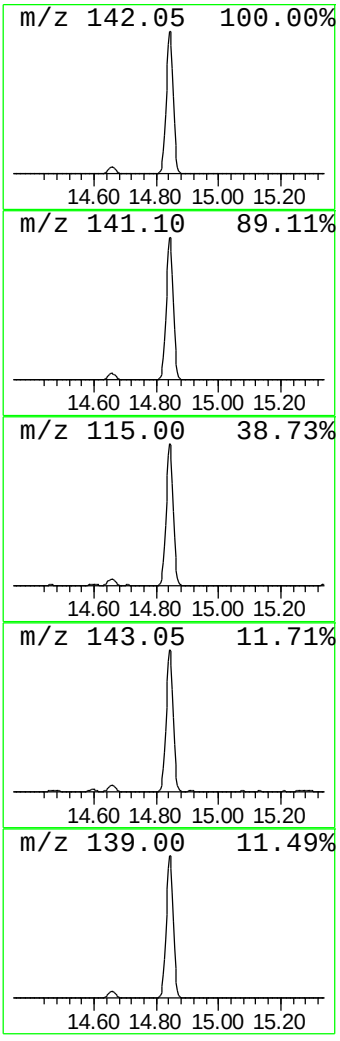
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1,4-Methanonaphthalene, 1,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	91.15 ug/L	9928600	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

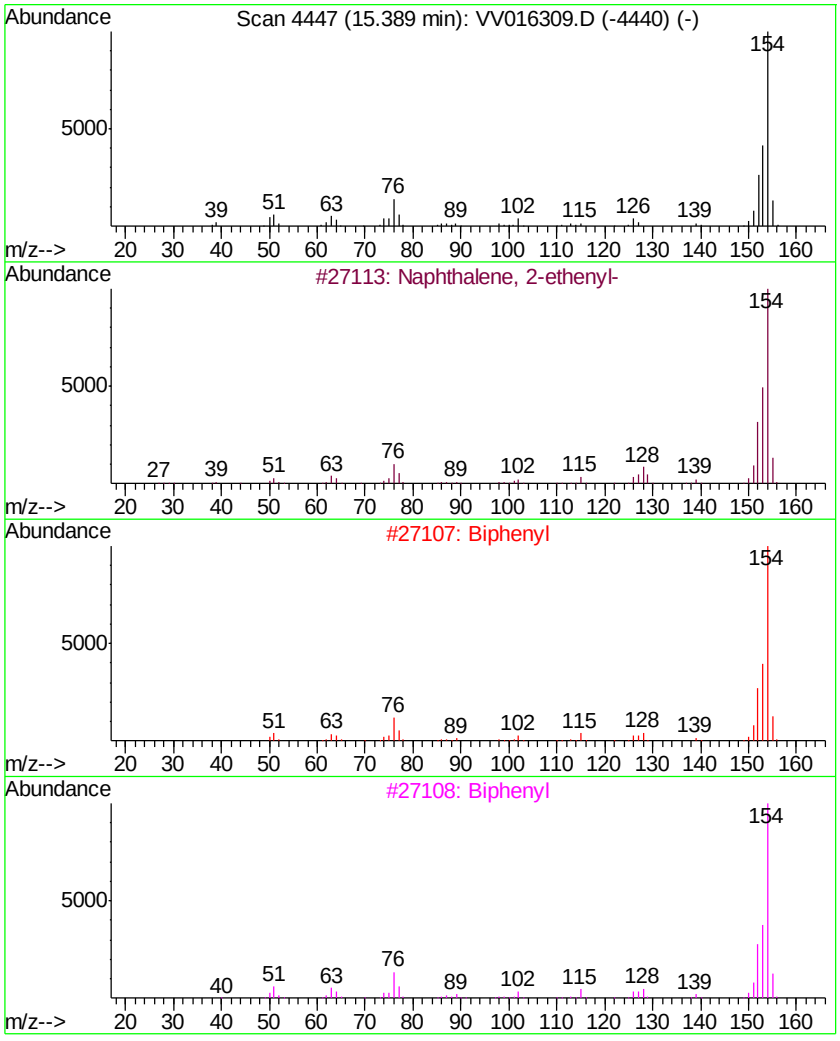
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

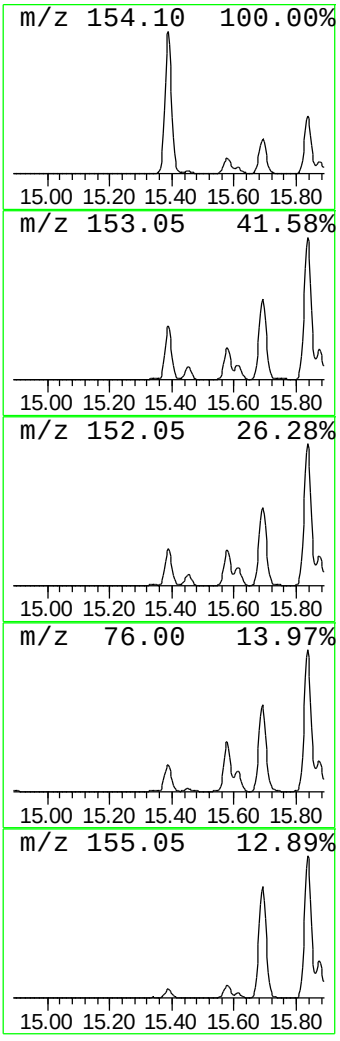
****

Peak Number 29 Naphthalene, 2-ethenyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	1.93 ug/L	209837	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
2	Biphenyl	154	C12H10	000092-52-4	87
3	Biphenyl	154	C12H10	000092-52-4	87
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	72
5	Biphenyl	154	C12H10	000092-52-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

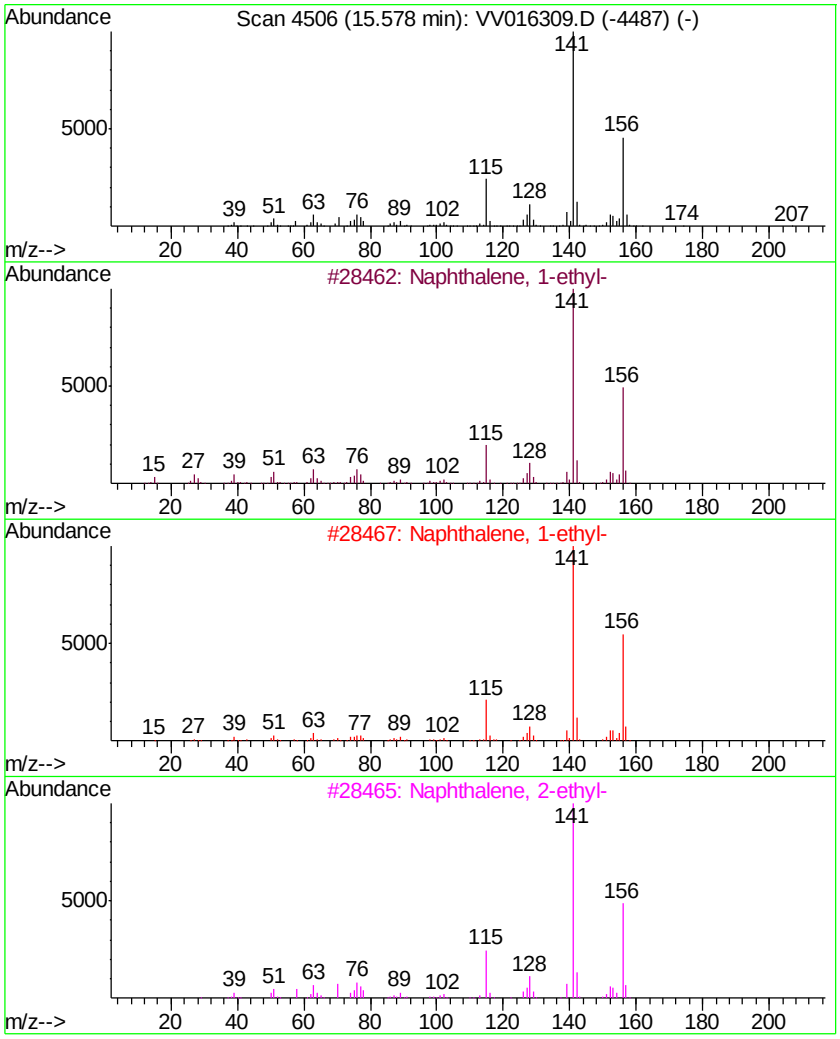
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

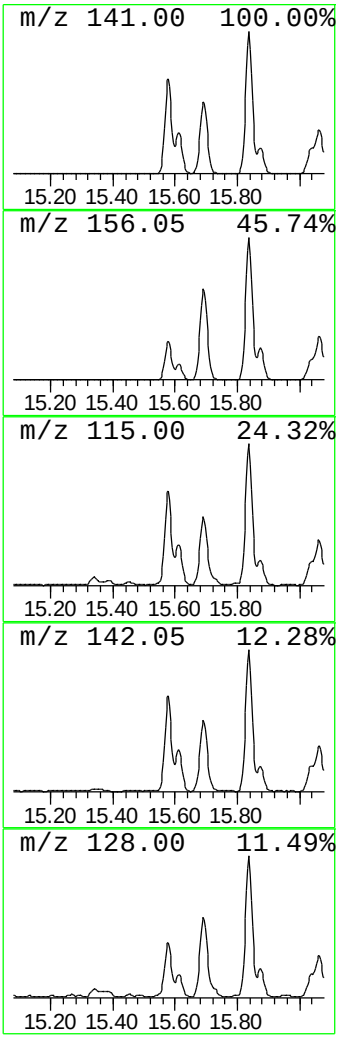
****

Peak Number 30 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	9.48 ug/L	1032860	1,4-Dichlorobenzene-d4	11.27

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

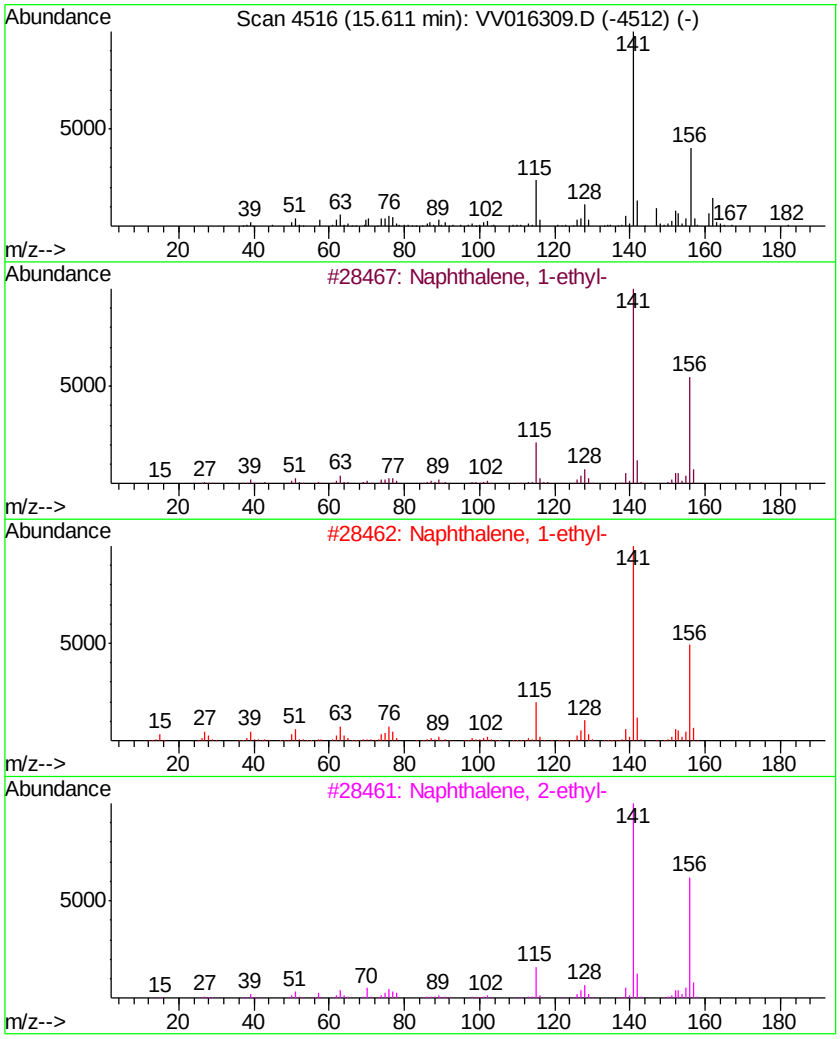
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

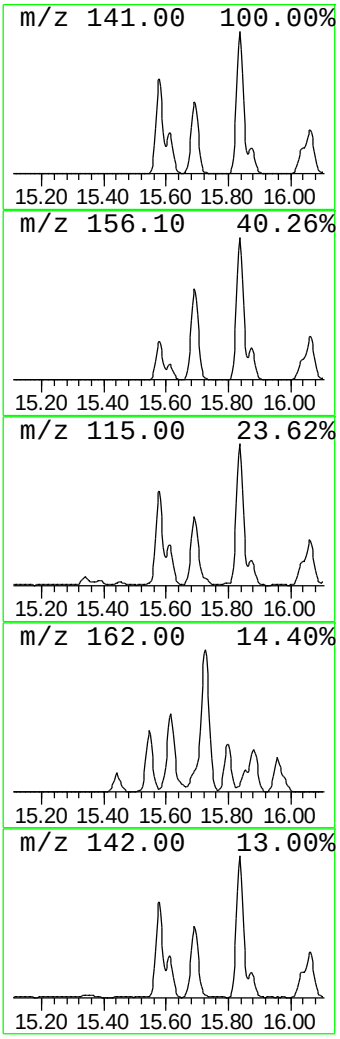
****

Peak Number 31 Naphthalene, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	3.96 ug/L	431656	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

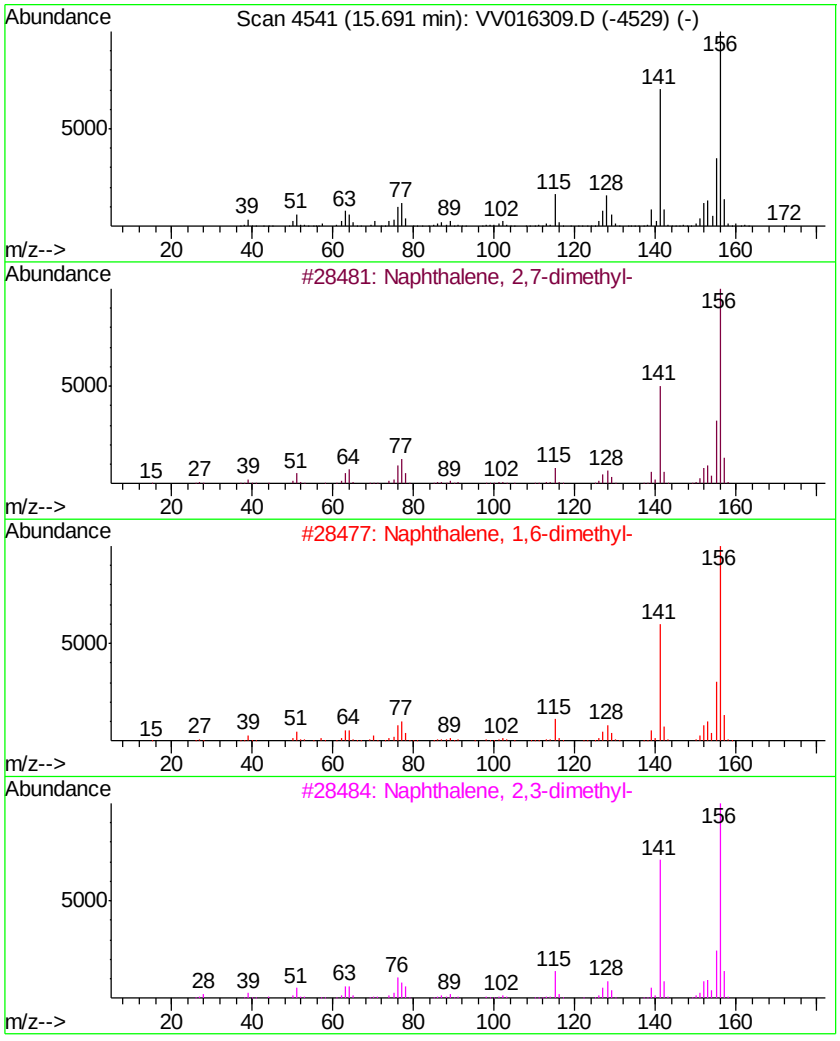
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

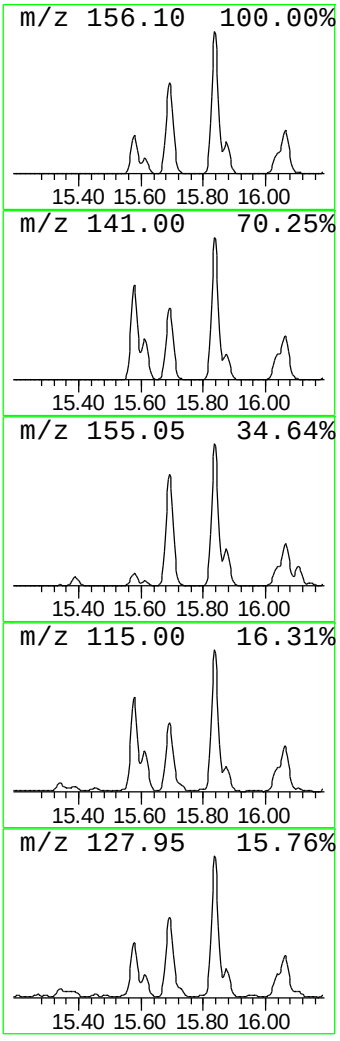
****

Peak Number 32 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	15.52 ug/L	1691120	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	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, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052820\
Data File : VV016309.D
Acq On : 29 May 2020 05:09
Operator : SY/MD
Sample : L2662-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-chloro...	10.45	134.2	ug/L	14612700	3	11.27	544649	5.0
Benzene, 1,2,3-tr...	10.56	1.6	ug/L	172414	3	11.27	544649	5.0
Benzene, 1-ethyl-...	10.76	1.4	ug/L	147593	3	11.27	544649	5.0
Mesitylene	11.36	2.3	ug/L	245050	3	11.27	544649	5.0
Indane	11.55	43.3	ug/L	4712190	3	11.27	544649	5.0
Benzene, 4-ethyl-...	12.04	2.3	ug/L	251569	3	11.27	544649	5.0
Benzene, (2-methy...	12.14	10.4	ug/L	1134390	3	11.27	544649	5.0
Benzofuran, 2-met...	12.38	3.6	ug/L	395525	3	11.27	544649	5.0
Benzene, 1,2,4,5-...	12.43	1.5	ug/L	160475	3	11.27	544649	5.0
Benzofuran, 7-met...	12.49	4.7	ug/L	508840	3	11.27	544649	5.0
Benzene, 1-etheny...	12.75	5.5	ug/L	601561	3	11.27	544649	5.0
Benzene, 2-etheny...	12.91	19.3	ug/L	2099380	3	11.27	544649	5.0
2-Methylindene	12.97	3.4	ug/L	373599	3	11.27	544649	5.0
1H-Indene, 1-methyl-	13.07	4.6	ug/L	496225	3	11.27	544649	5.0
1H-Indene, 2,3-di...	13.24	3.2	ug/L	350460	3	11.27	544649	5.0
2,2-Dimethylinden...	13.39	3.2	ug/L	353368	3	11.27	544649	5.0
Benzo[c]thiophene	13.64	6.8	ug/L	737590	3	11.27	544649	5.0
Benzofuran, 4,7-d...	13.69	2.4	ug/L	264879	3	11.27	544649	5.0
Benzene, (1-ethyl...	13.73	2.9	ug/L	316727	3	11.27	544649	5.0
2-Ethyl-2,3-dihyd...	13.79	2.2	ug/L	238966	3	11.27	544649	5.0
1H-Indene, 2,3-di...	13.93	2.9	ug/L	312762	3	11.27	544649	5.0
Benzene, (1,2-dim...	14.12	3.5	ug/L	381265	3	11.27	544649	5.0
Benzene, (3-methy...	14.32	3.2	ug/L	349273	3	11.27	544649	5.0
Benzo[b]thiophene...	14.60	5.8	ug/L	627097	3	11.27	544649	5.0
Naphthalene, 1-me...	14.66	5.3	ug/L	576119	3	11.27	544649	5.0
1,4-Methanonaphth...	14.84	91.2	ug/L	9928600	3	11.27	544649	5.0
Naphthalene, 2-et...	15.39	1.9	ug/L	209837	3	11.27	544649	5.0
Naphthalene, 1-et...	15.58	9.5	ug/L	1032860	3	11.27	544649	5.0
Naphthalene, 2-et...	15.61	4.0	ug/L	431656	3	11.27	544649	5.0
Naphthalene, 2,7-...	15.69	15.5	ug/L	1691120	3	11.27	544649	5.0