LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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	2.123	311	321	332	rBV	65111	94498	1.65%	0.618%
2	3.939	874	886	919	rBV2	28681	119087	2.08%	0.778%
3	4.377	1004	1022	1043	rBV2	48444	119699	2.09%	0.782%
4	5.071	1221	1238	1260	rBV4	118861	281617	4.91%	1.841%
5	5.640	1402	1415	1442	rBV	148552	293097	5.11%	1.916%
6	5.936	1496	1507	1525	rBV	57415	109945	1.92%	0.719%
7	6.093	1543	1556	1567	rBV	65301	135305	2.36%	0.884%
8	7.010	1831	1841	1857	rVB	31939	58632	1.02%	0.383%
9	7.338	1932	1943	1957	rVB	141540	246231	4.30%	1.609%
10	7.997	2132	2148	2163	rVB	71113	118995	2.08%	0.778%
11	8.116	2170	2185	2215	rBV	154369	294579	5.14%	1.925%
12	8.871	2409	2420	2440	rBV	227253	363790	6.35%	2.378%
13	9.035	2458	2471	2482	rBV	38310	66427	1.16%	0.434%
14	9.158	2493	2509	2523	rBV	346314	556193	9.70%	3.635%
15	9.572	2625	2638	2666	rVB4	173051	392345	6.84%	2.564%
16	10.238	2833	2845	2857	rBV	46586	73882	1.29%	0.483%
17	10.470	2904	2917	2934	rBV	133270	284009	4.95%	1.856%
18	10.560	2934	2945	2964	rVB	144801	227475	3.97%	1.487%
19	10.759	2995	3007	3014	rBV	48915	82126	1.43%	0.537%
20	10.936	3047	3062	3074	rBV	348949	509811	8.89%	3.332%
21	11.006	3074	3084	3093	rVV	256106	375260	6.55%	2.453%
22	11.055	3093	3099	3112	rVB	78250	116550	2.03%	0.762%
23	11.270	3156	3166	3183	rVV	249475	381639	6.66%	2.494%
24	11.357	3183	3193	3203	rVV	95363	142255	2.48%	0.930%
25	11.418	3203	3212	3224	rVB	82844	118503	2.07%	0.775%
26	11.550	3241	3253	3262	rBV2	63526	118359	2.06%	0.774%
27	11.650	3274	3284	3300	rVB3	168663	317894	5.55%	2.078%
28	11.765	3310	3320	3333	rVB	325011	499625	8.72%	3.265%
29	12.039	3391	3405	3413	rBV2	42259	77339	1.35%	0.505%
30	12.215	3450	3460	3471	rVB	61507	95604	1.67%	0.625%
31	12.489	3536	3545	3559	rBV2	56490	117596	2.05%	0.769%
32	12.614	3576	3584	3595	rBV6	31399	69667	1.22%	0.455%
33	12.903	3657	3674	3684	rBV3	93108	151172	2.64%	0.988%
34	12.971	3684	3695	3706	rVB	136820	205621	3.59%	1.344%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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	13.077	3716	3728	3745	rVB	156614	257627	4.49%	1.684%
36	13.170	3745	3757	3765	rBV4	35138	63292	1.10%	0.414%
37	13.527	3853	3868	3889	rBV	3684777	5732175	100.00%	37.464%
38	14.656	4208	4219	4236	rBV	714856	1065986	18.60%	6.967%
39	14.842	4265	4277	4291	rBV	409631	627123	10.94%	4.099%
40	15.389	4431	4447	4460	rBV	70300	107116	1.87%	0.700%
41	15.694	4529	4542	4561	rBV	32975	60248	1.05%	0.394%
42	15.839	4576	4587	4594	rBV	56409	89161	1.56%	0.583%
43	16.302	4718	4731	4751	rBV	48329	82881	1.45%	0.542%

Sum of corrected areas: 15300436

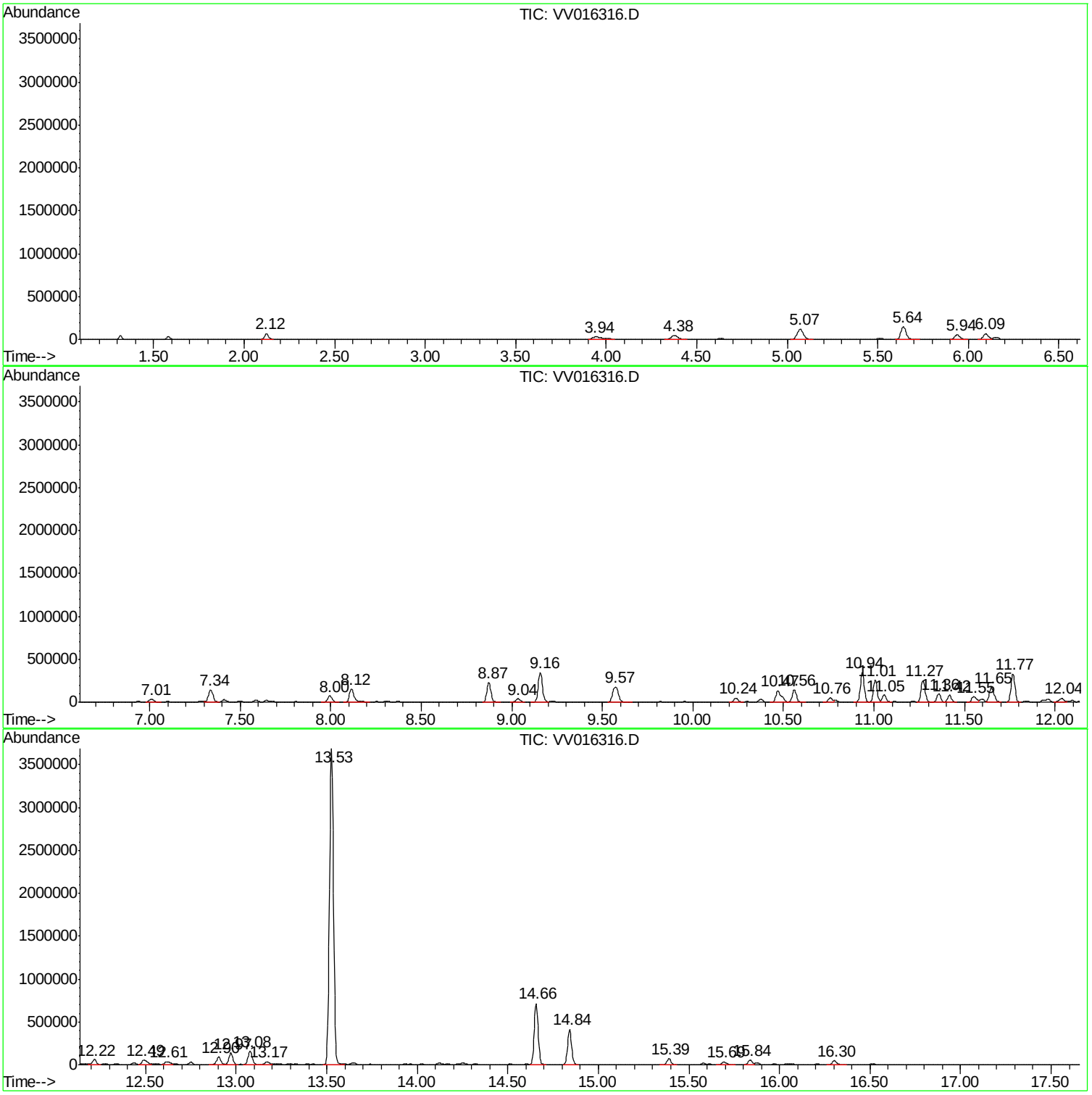
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKX0DL

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

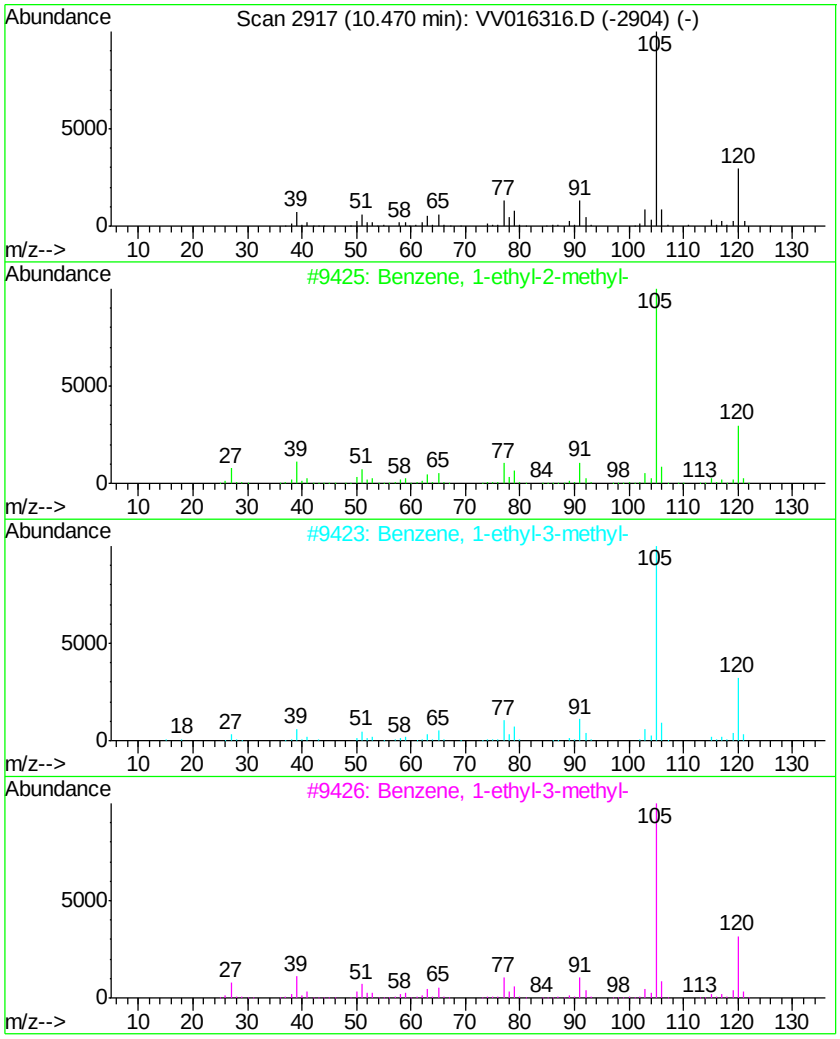
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

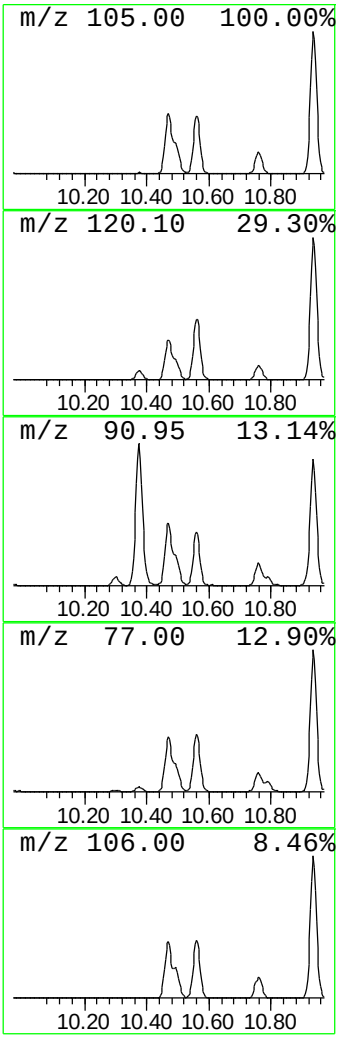
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	3.72 ug/L	284009	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

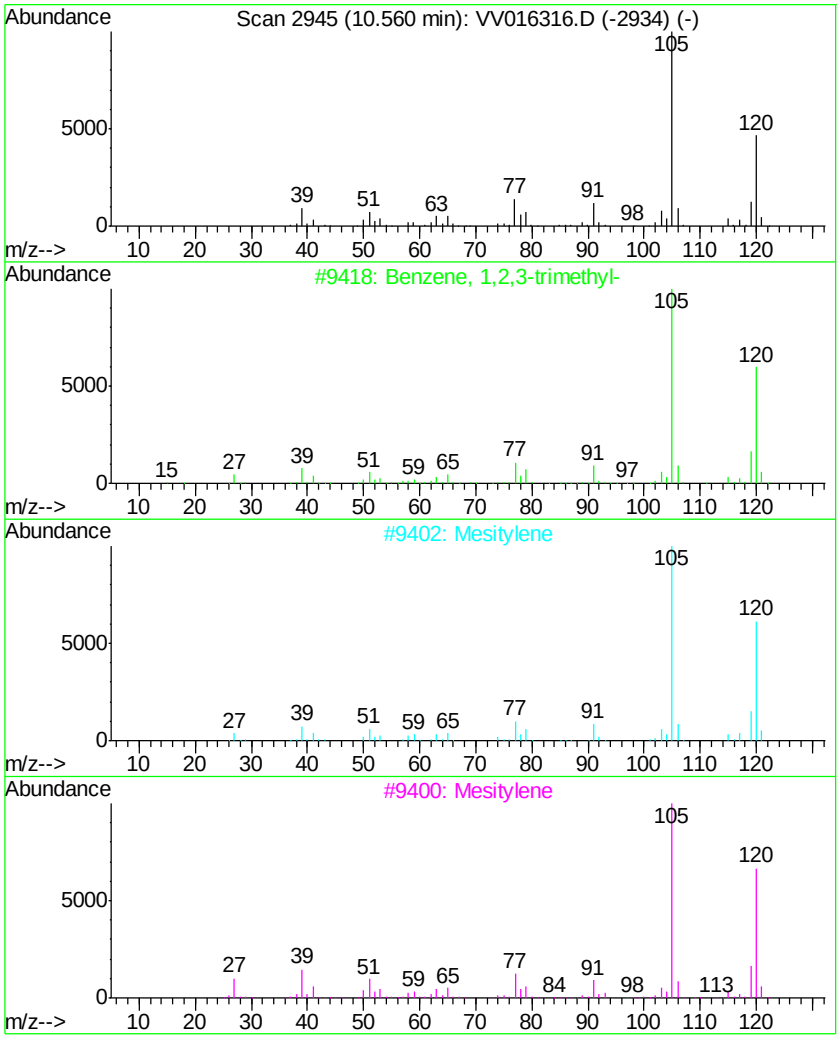
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

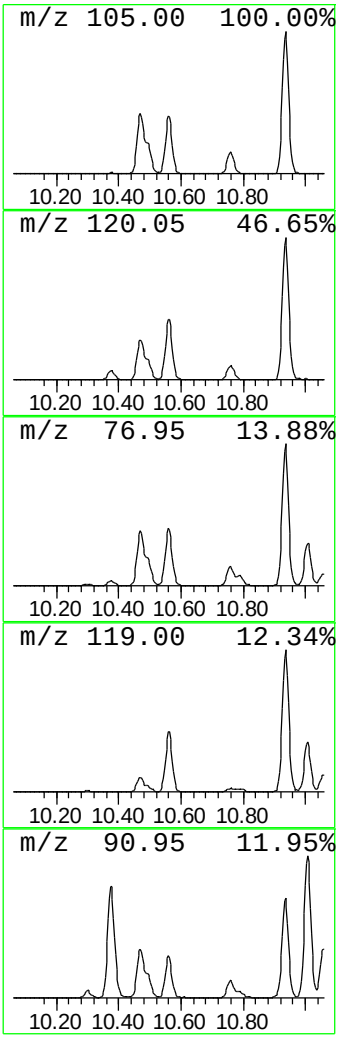
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.98 ug/L	227475	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	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

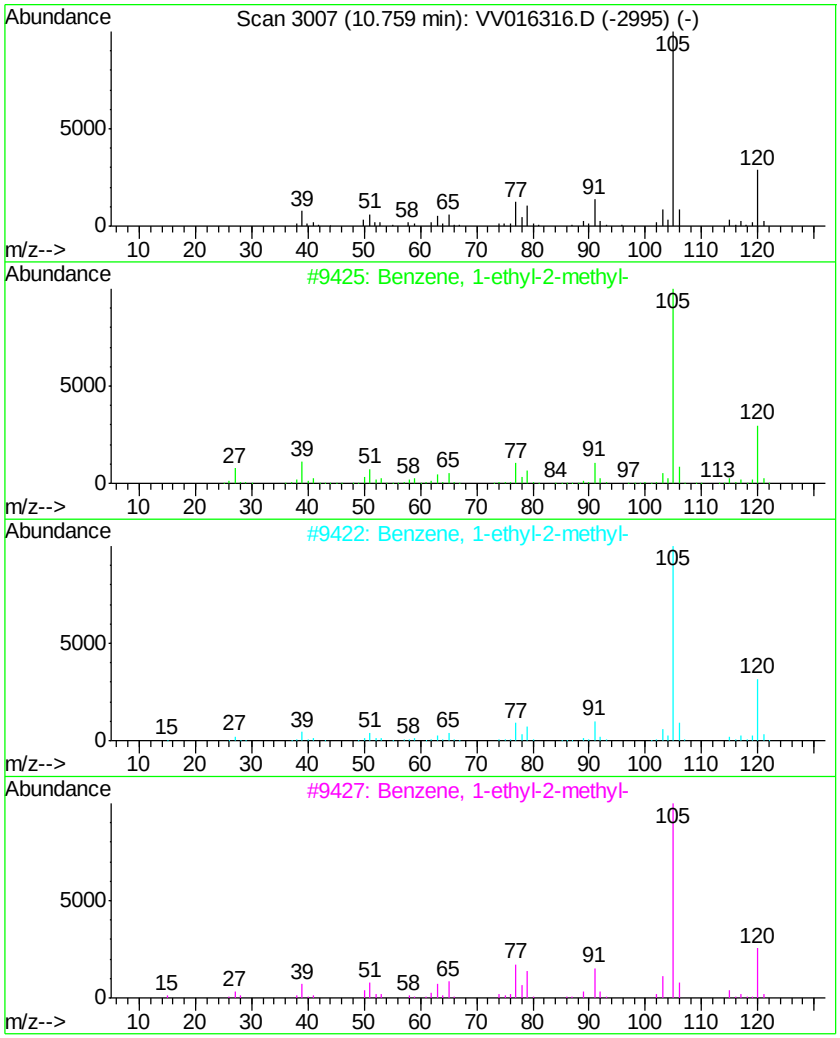
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

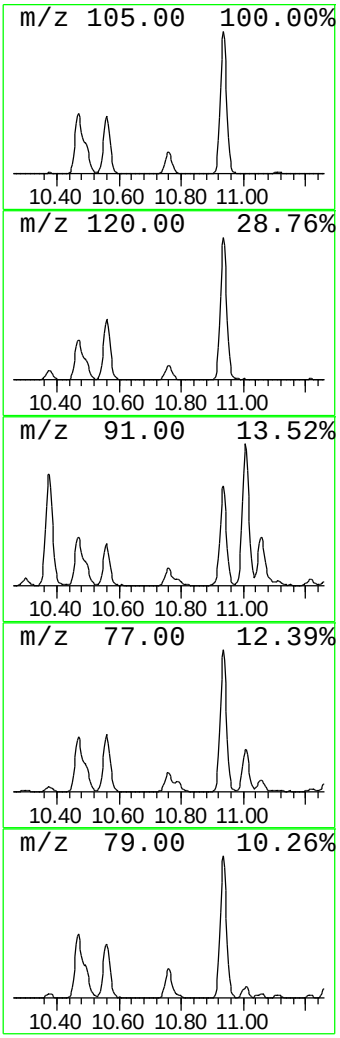
****

Peak Number 4 Mesitylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	1.08 ug/L	82126	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

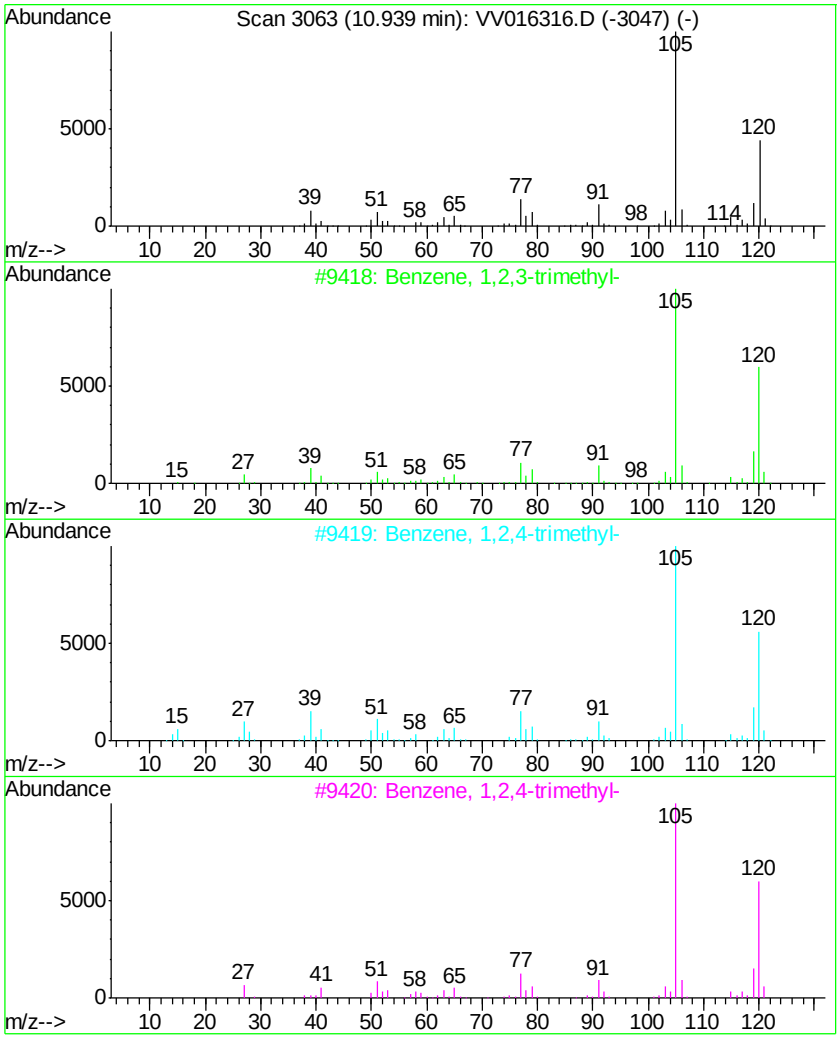
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

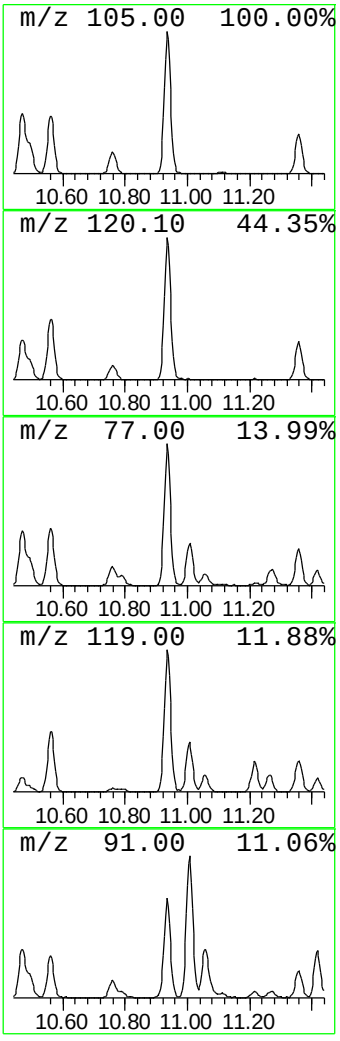
****

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	6.68 ug/L	509811	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

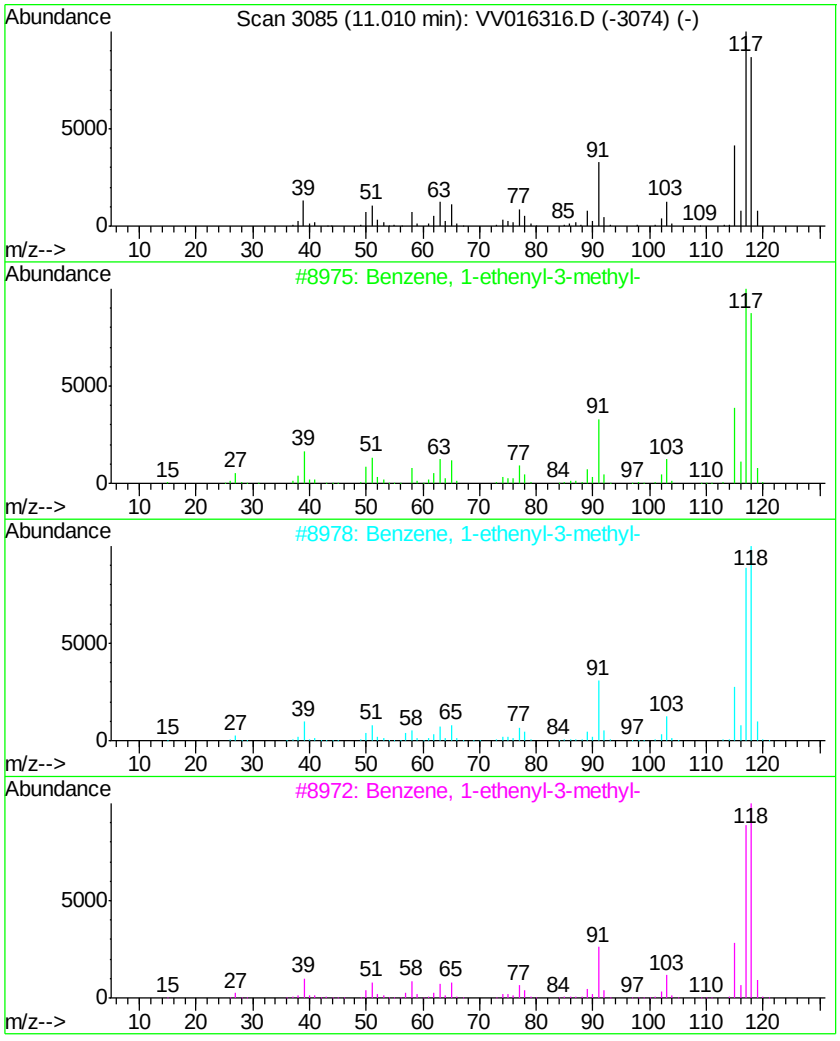
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

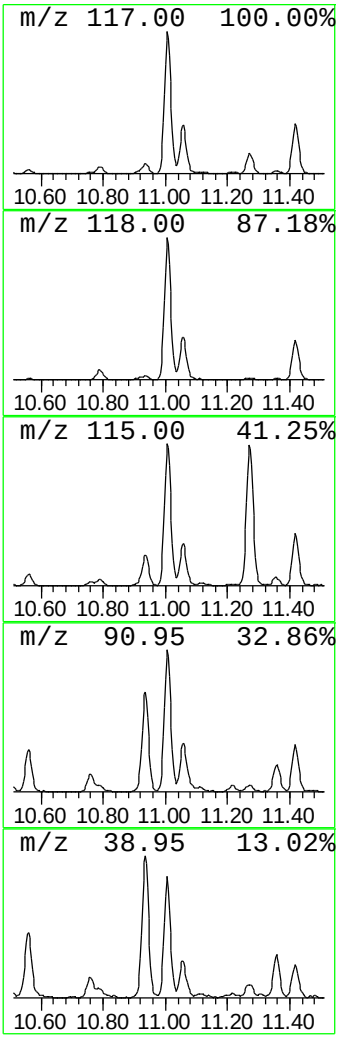
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	4.92 ug/L	375260	1,4-Dichlorobenzene-d4	11.27

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-propenyl-	118	C9H10	000637-50-3	95
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

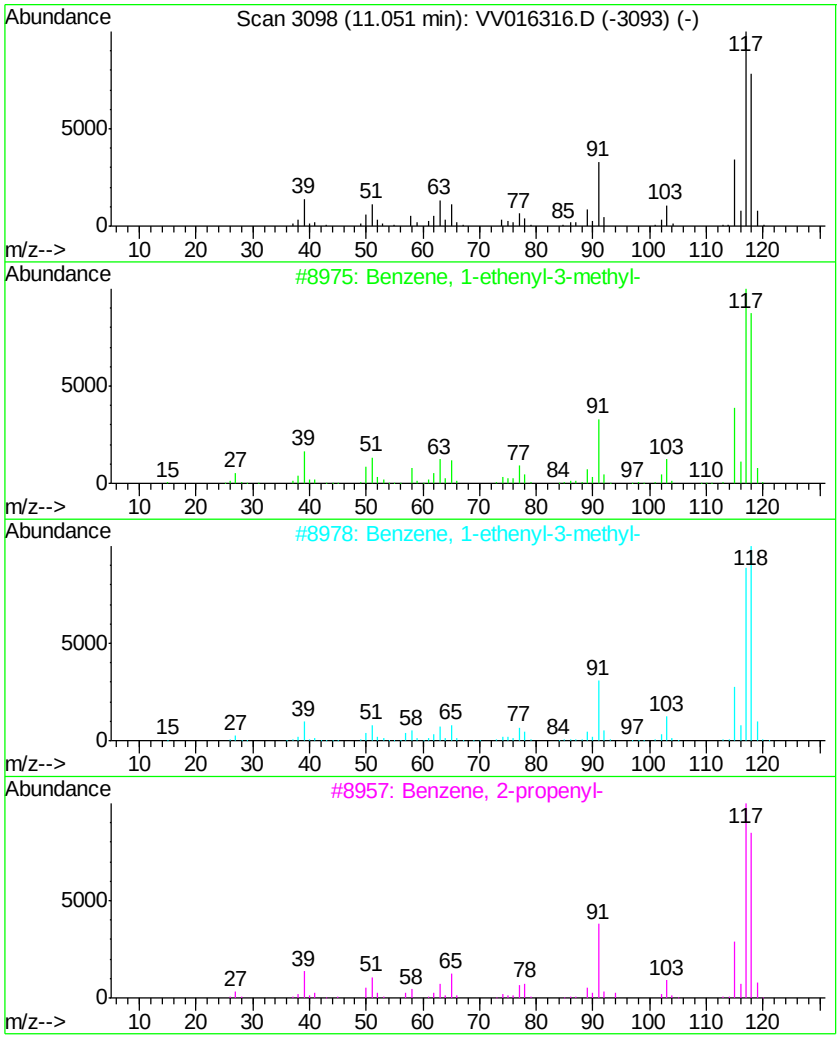
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

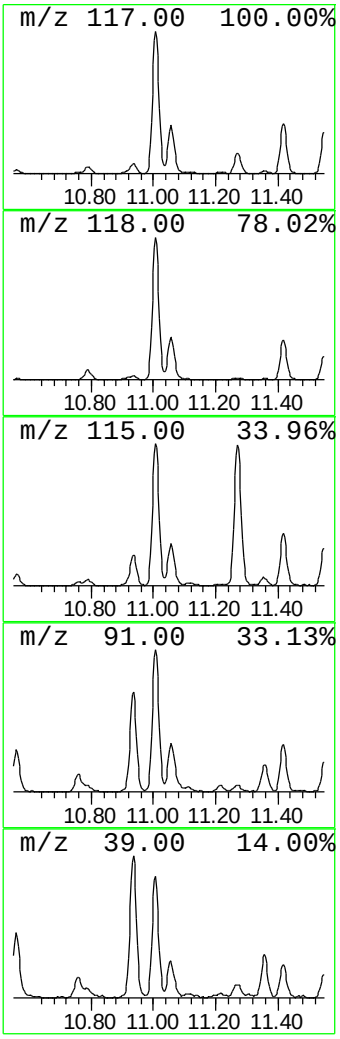
****

Peak Number 7 Benzene, 1-ethenyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	1.53 ug/L	116550	1,4-Dichlorobenzene-d4	11.27

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, 2-propenyl-	118	C9H10	000300-57-2	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

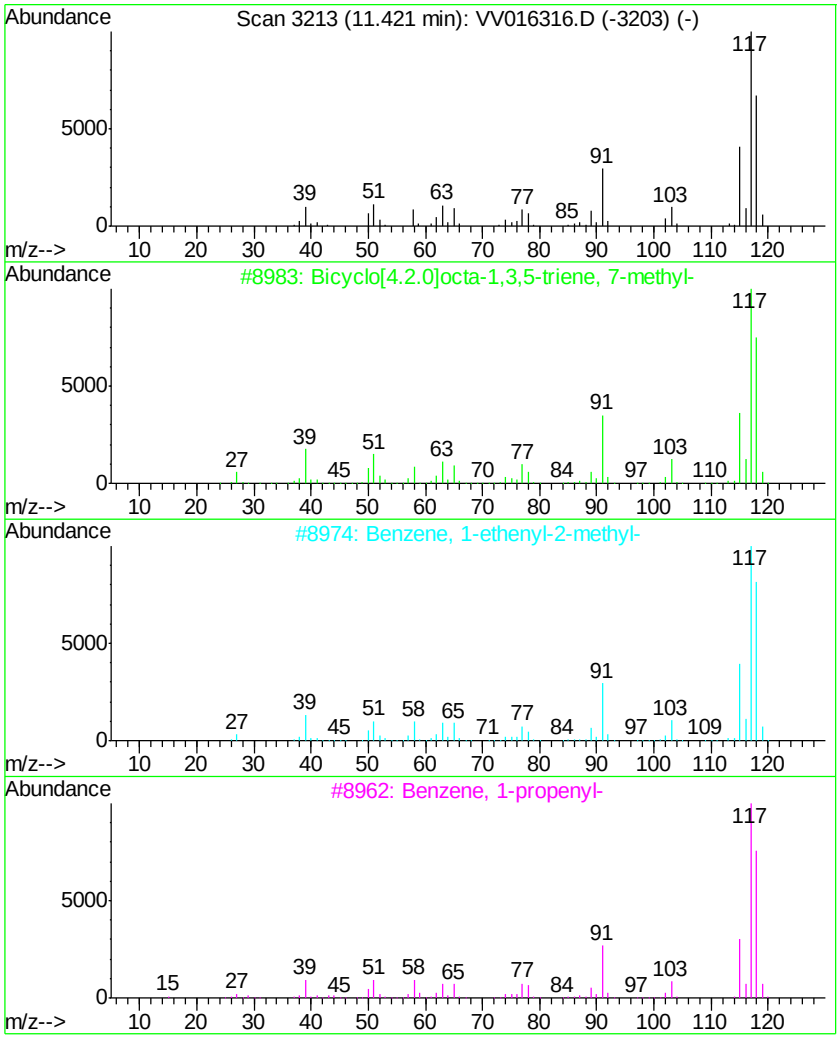
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

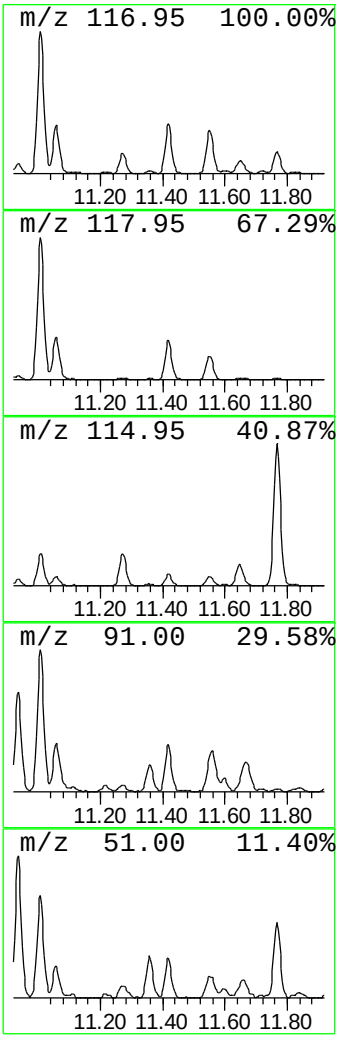
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.55 ug/L	118503	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	96
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

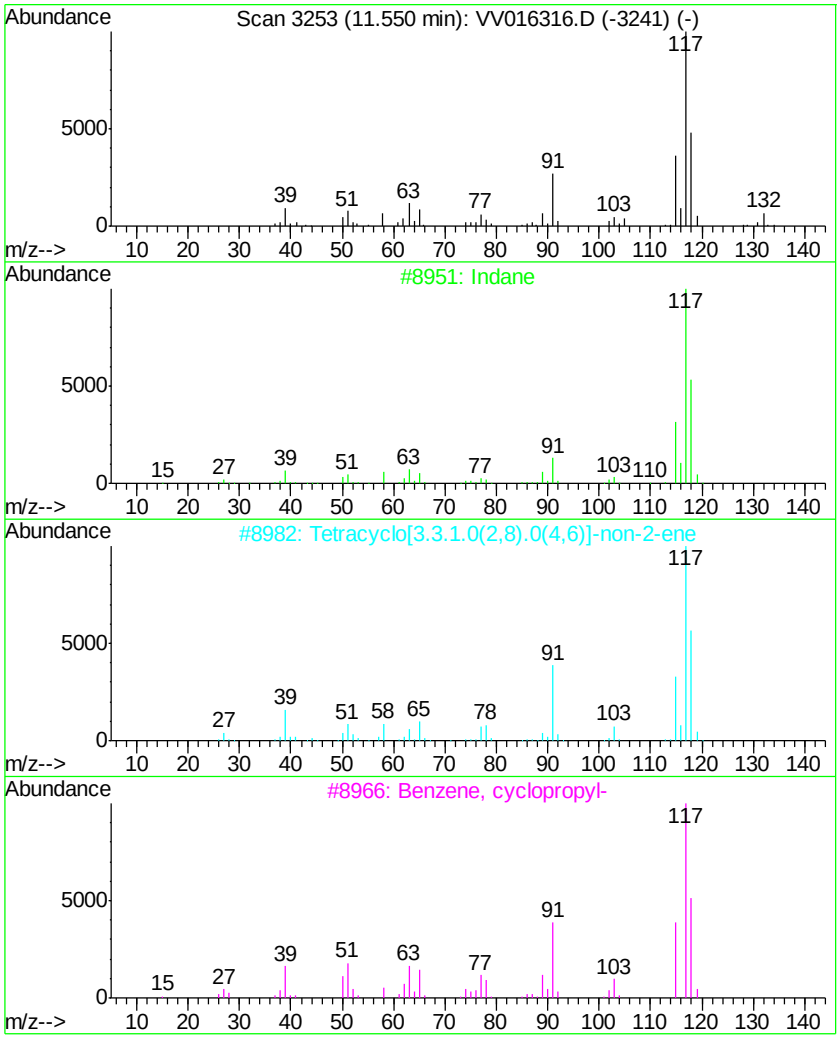
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

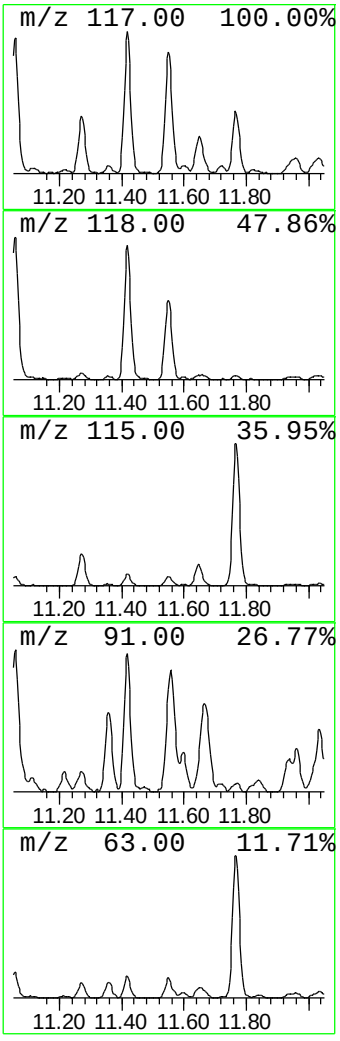
****

Peak Number 10 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	1.55 ug/L	118359	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
4	Deltacyclene	118	C9H10	007785-10-6	68
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





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Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

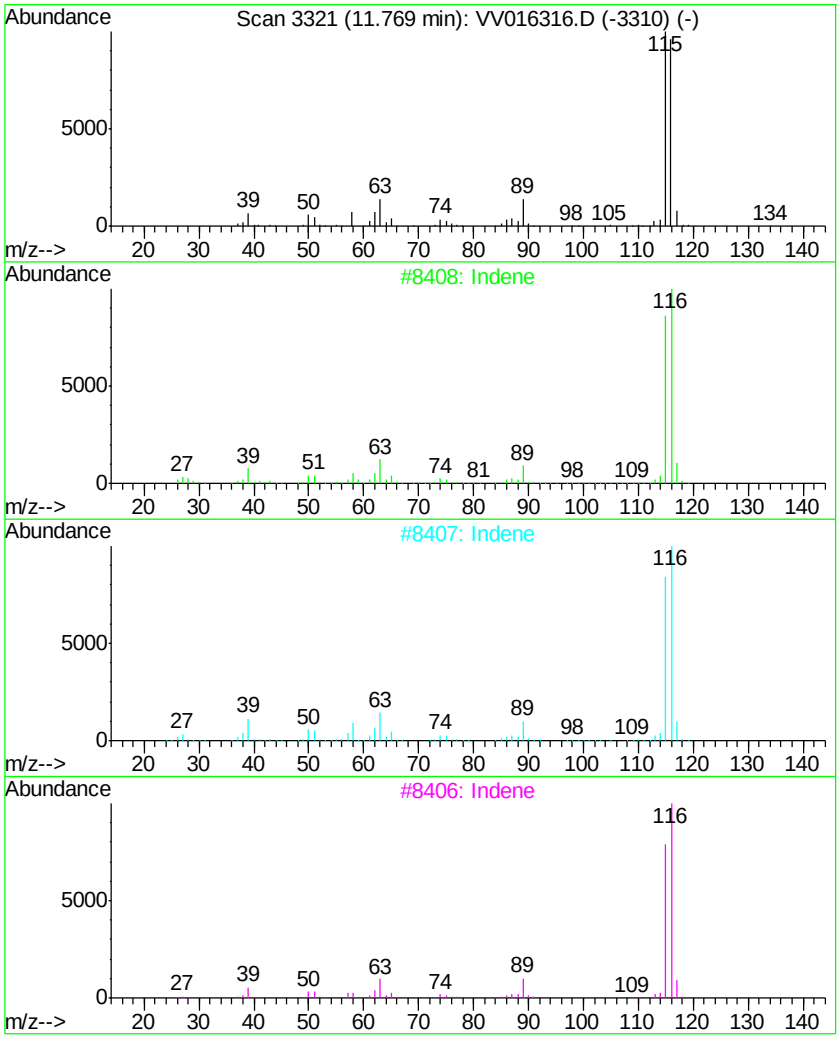
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

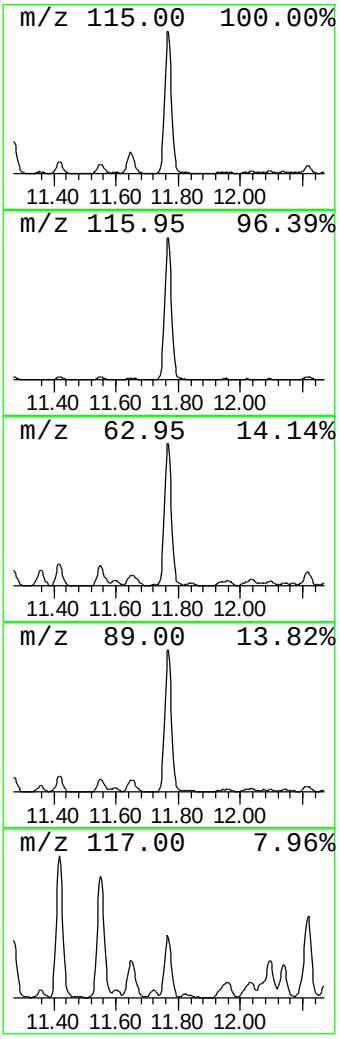
****

Peak Number 11 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.55 ug/L	499625	1,4-Dichlorobenzene-d4	11.27

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





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Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

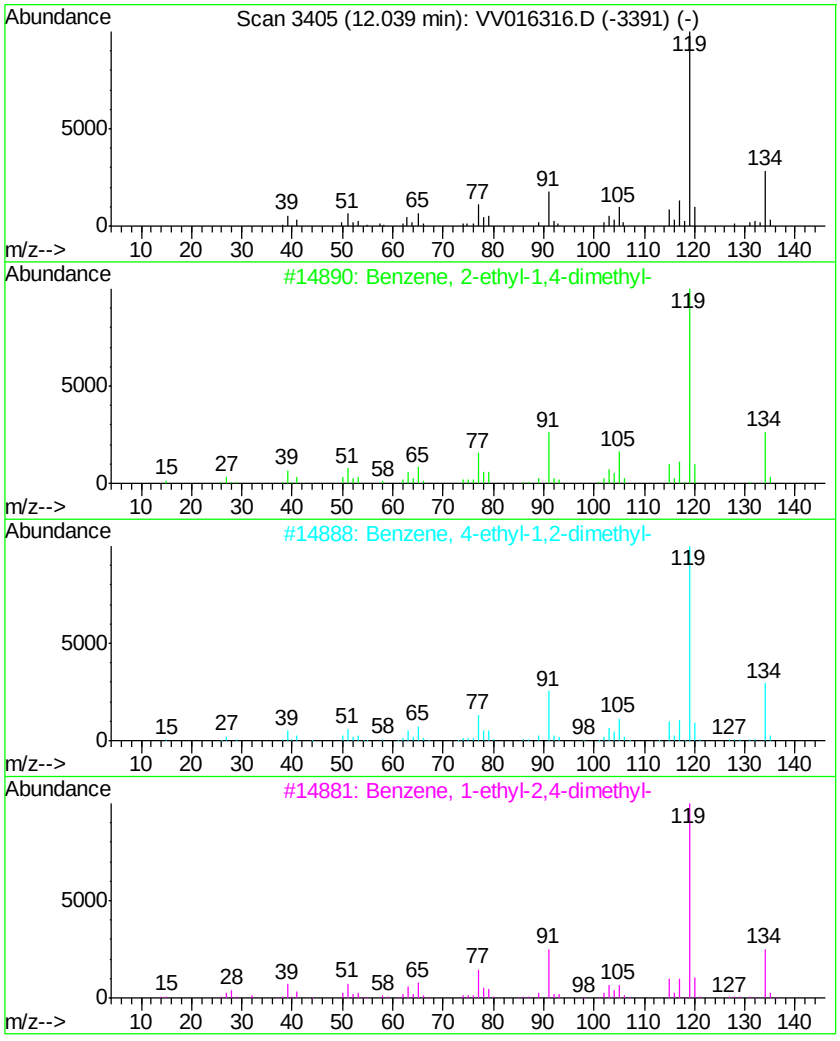
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

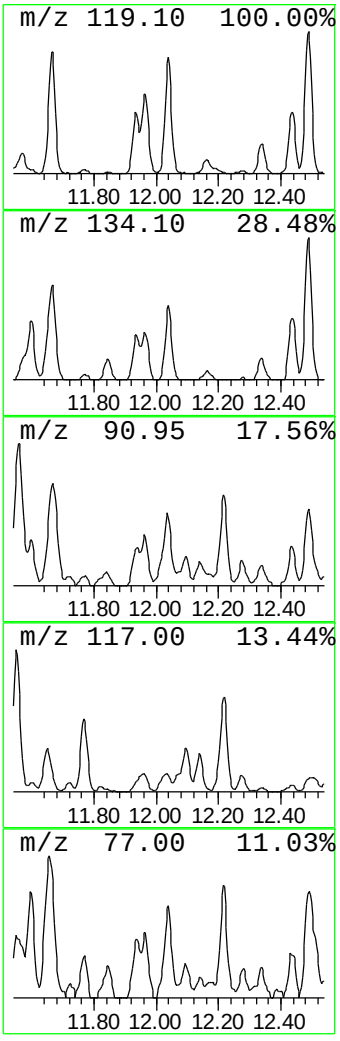
****

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	1.01 ug/L	77339	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

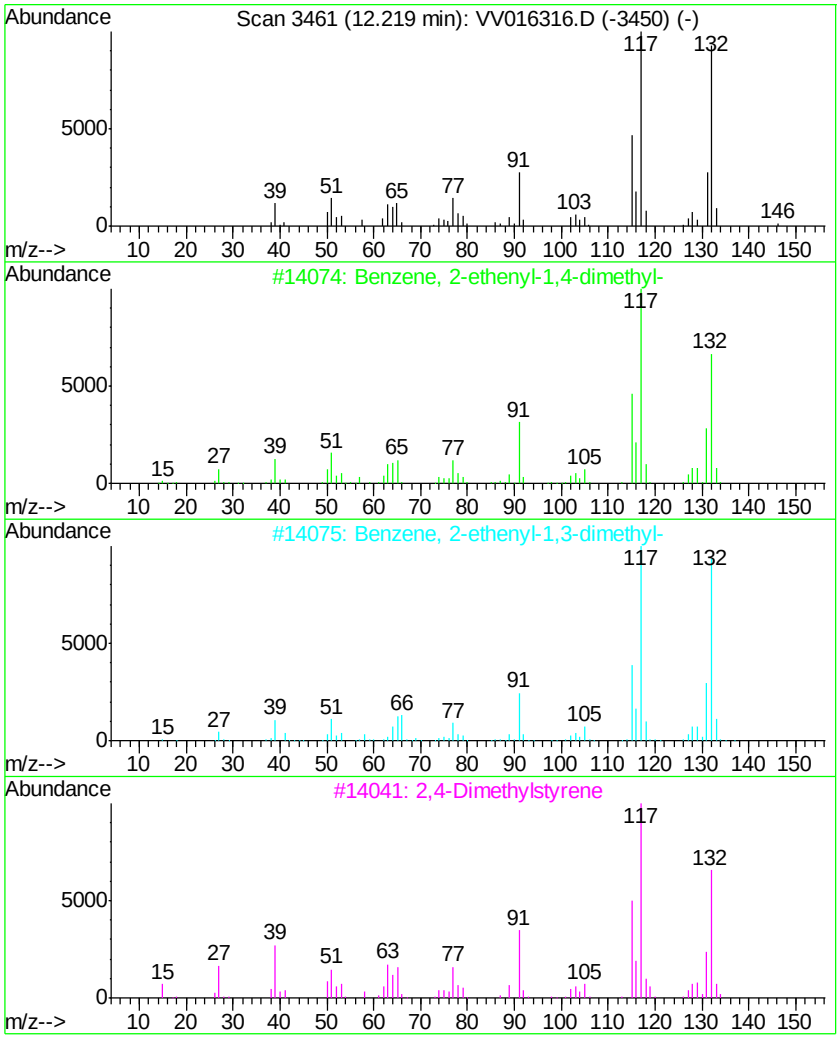
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

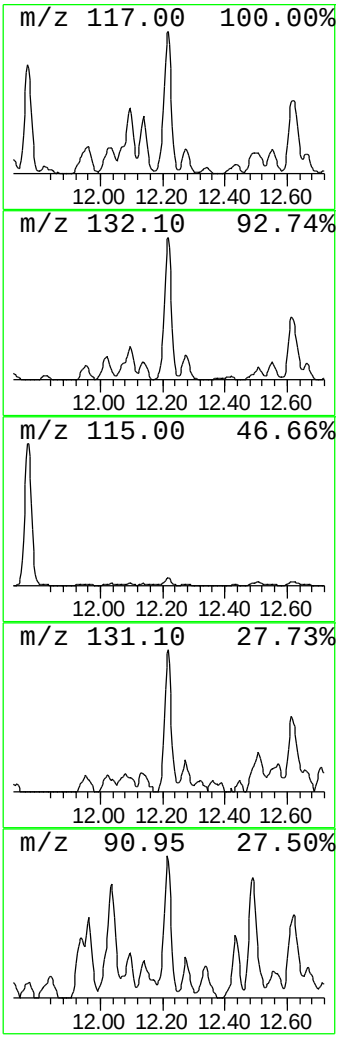
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	1.25 ug/L	95604	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	94
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

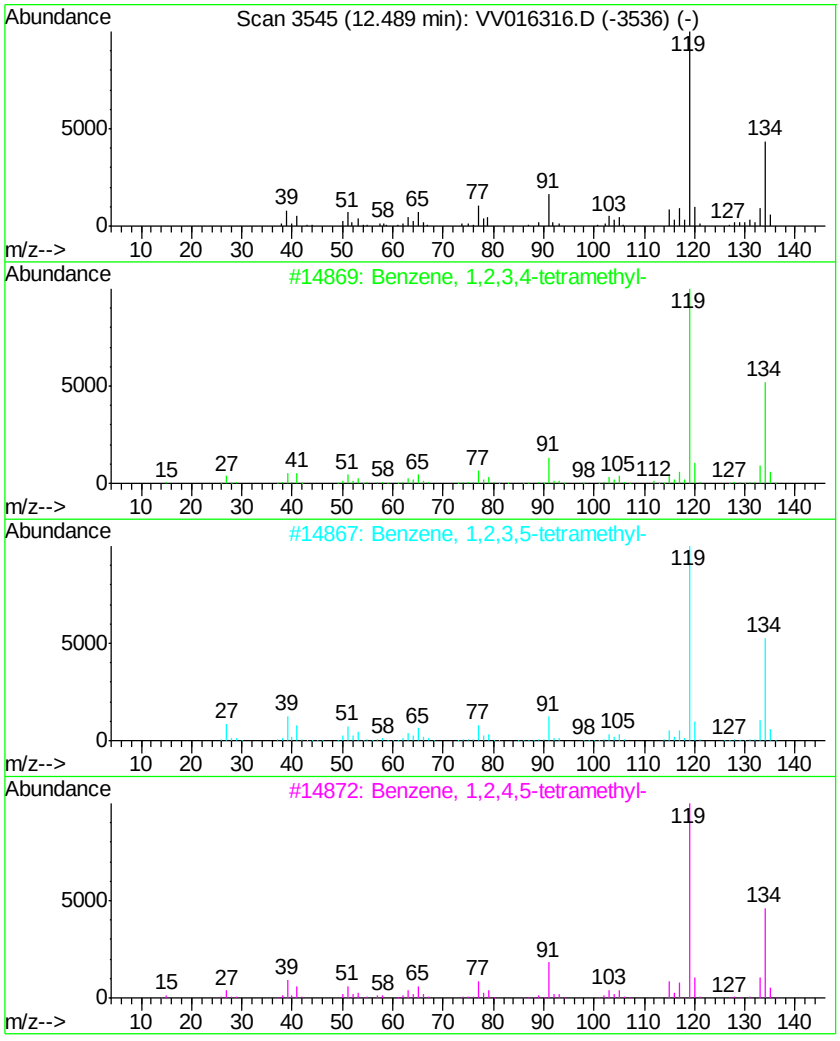
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

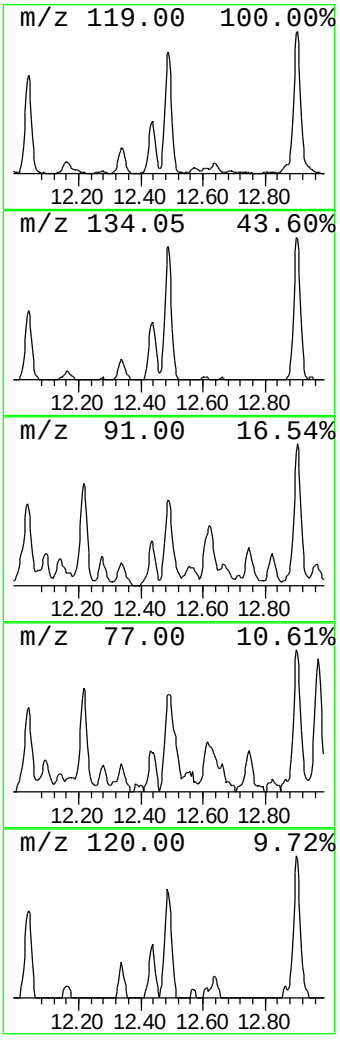
****

Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	1.54 ug/L	117596	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

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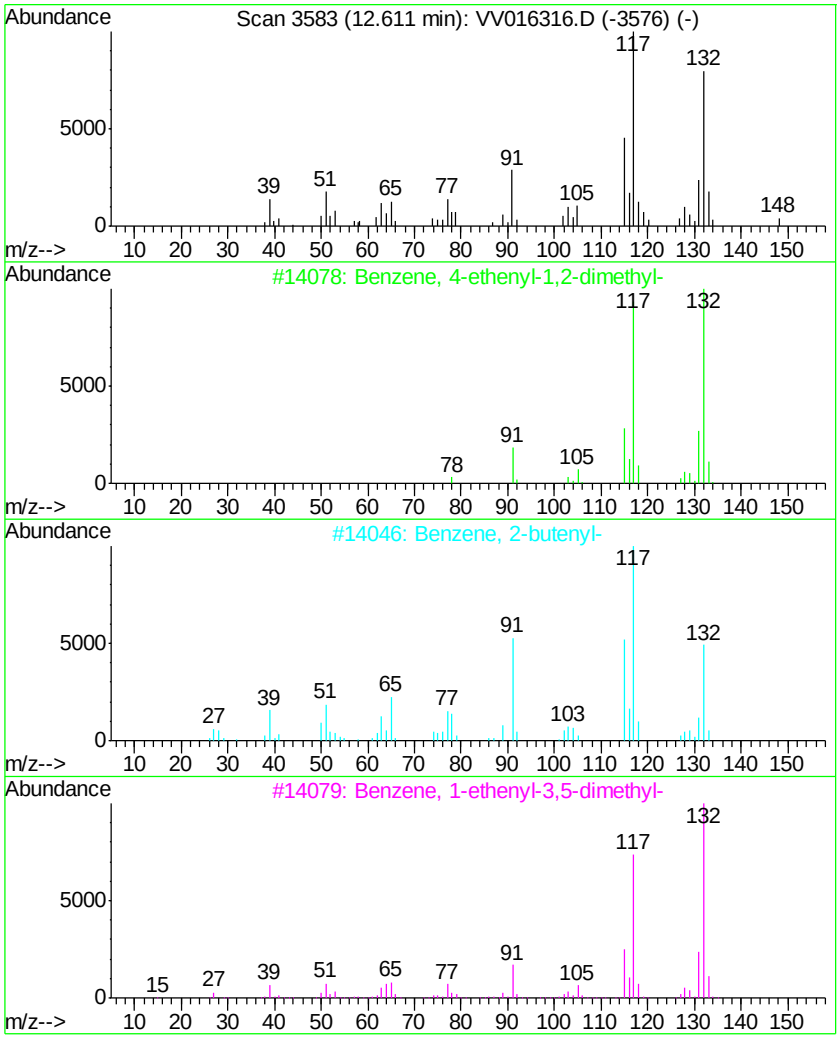
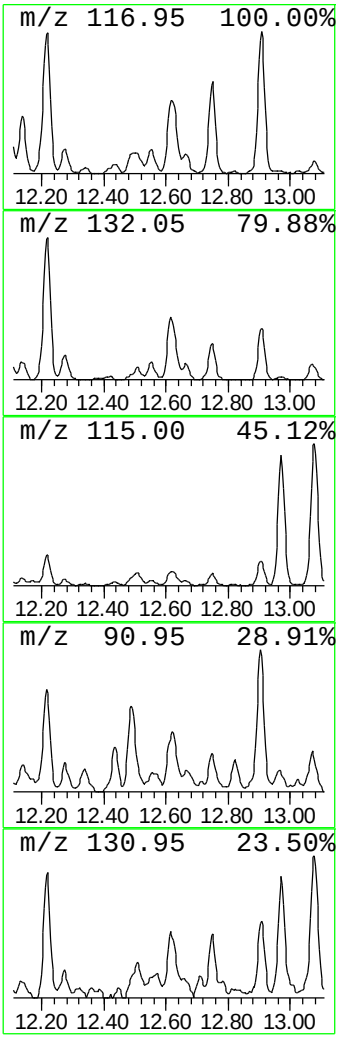
Peak Number 15 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	0.91 ug/L	69667	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	96
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

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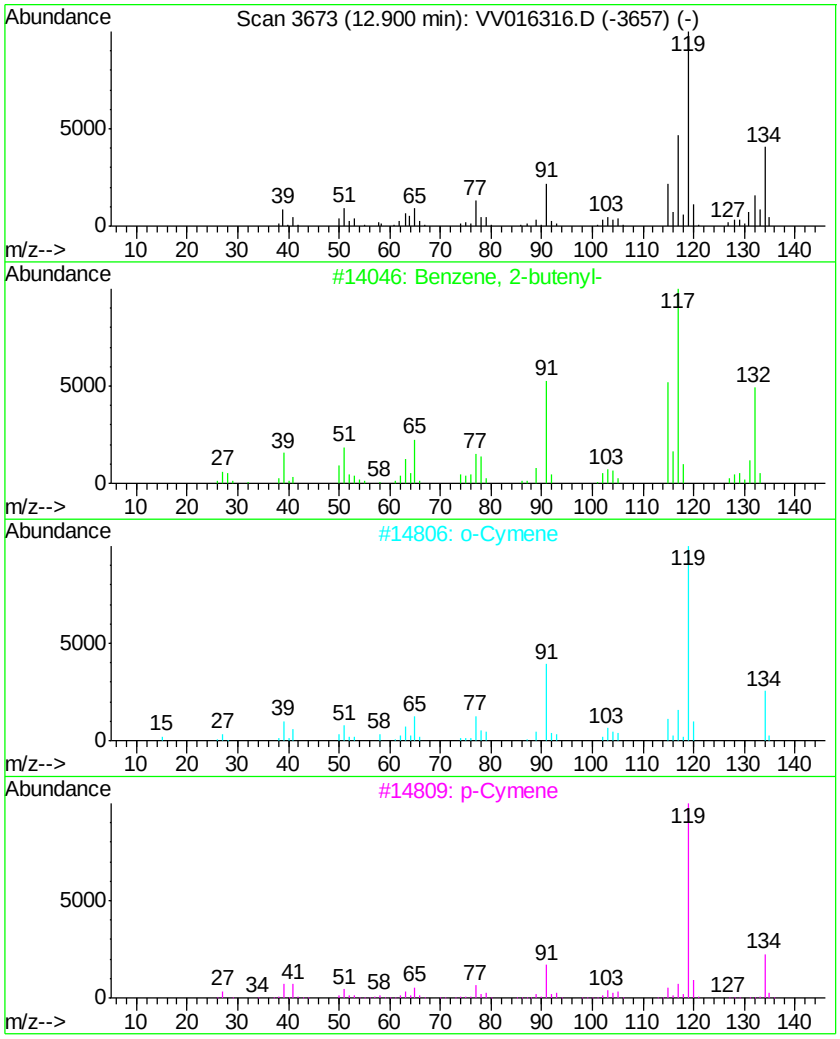
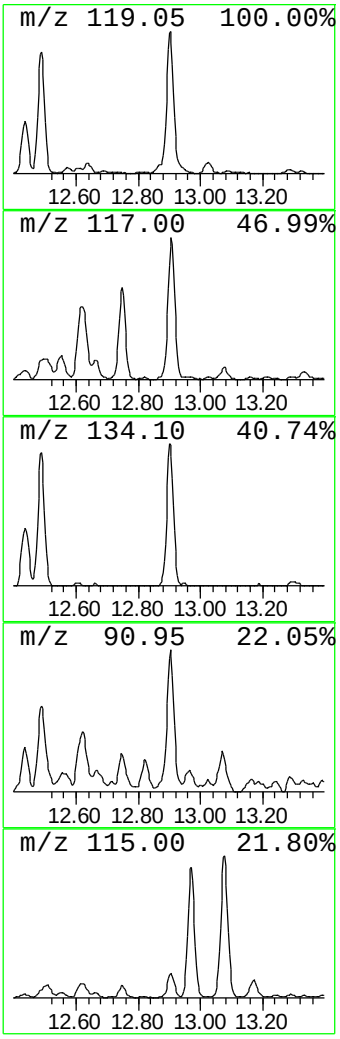
Peak Number 16 Benzene, 2-butenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	1.98 ug/L	151172	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
2	o-Cymene	134	C10H14	000527-84-4	70
3	p-Cymene	134	C10H14	000099-87-6	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

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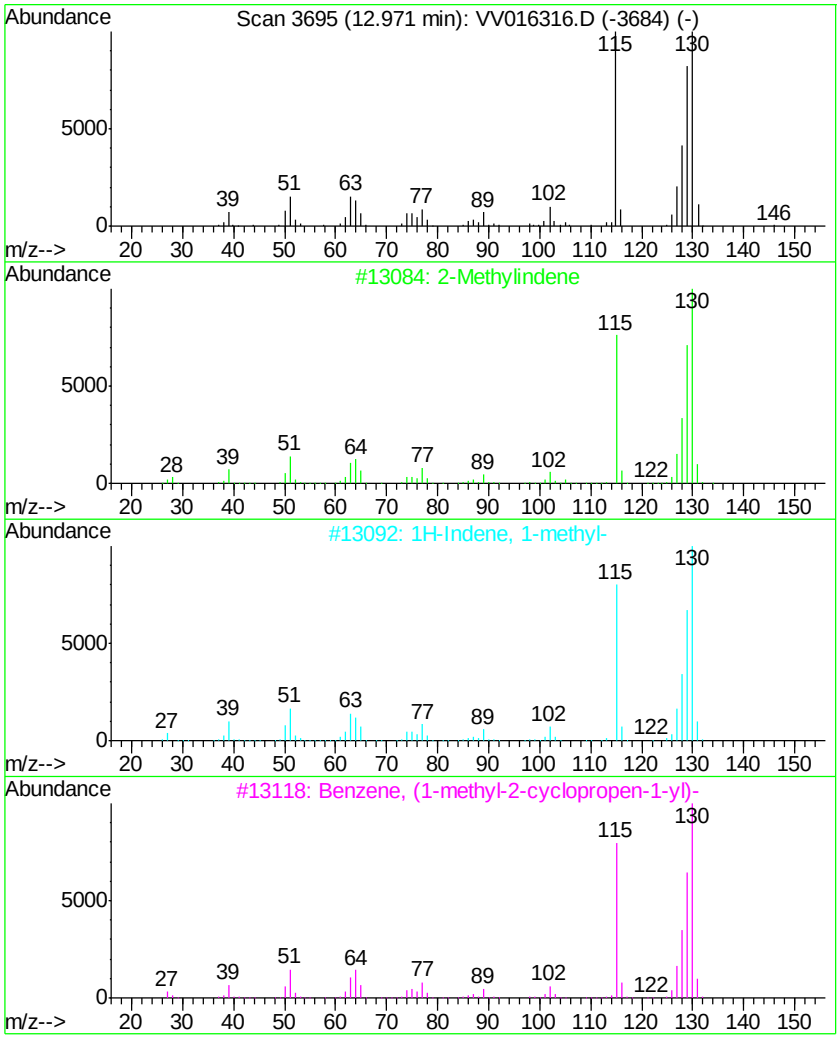
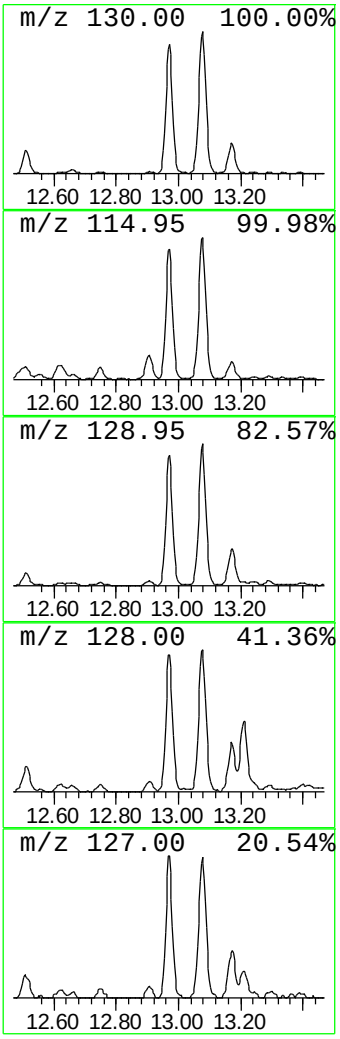
Peak Number 17 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.69 ug/L	205621	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96





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Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

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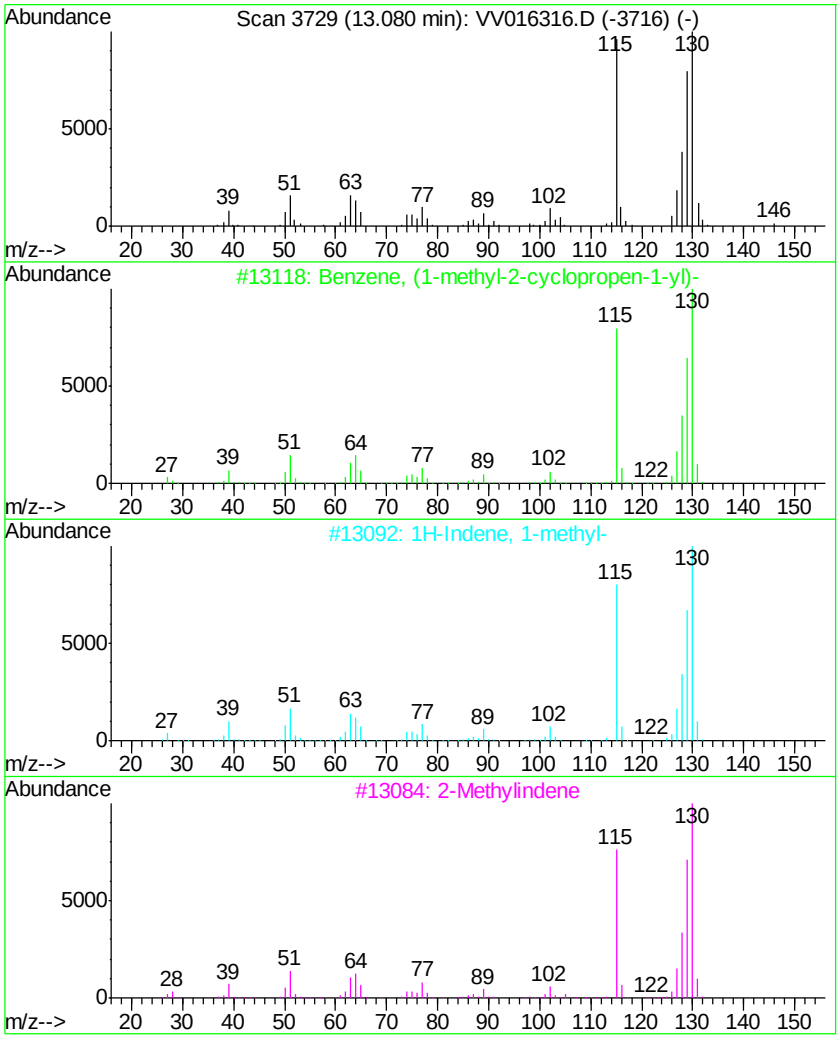
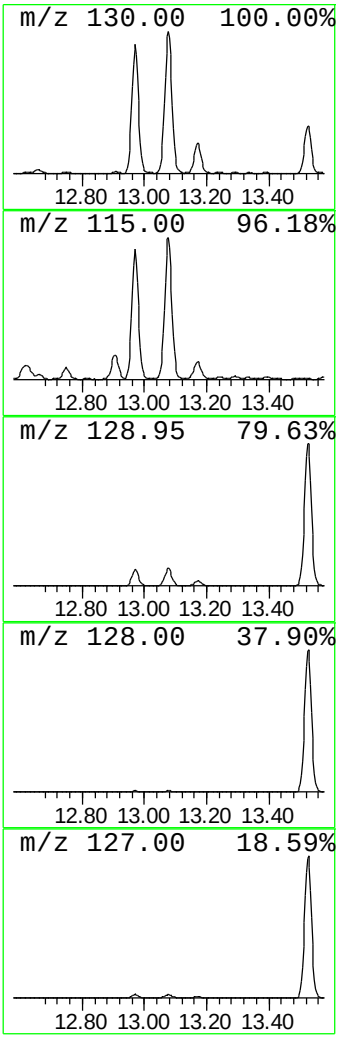
Peak Number 18 Benzene, (1-methyl-2-cyclop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	3.38 ug/L	257627	1,4-Dichlorobenzene-d4	11.27

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





Library Search Compound Report

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Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

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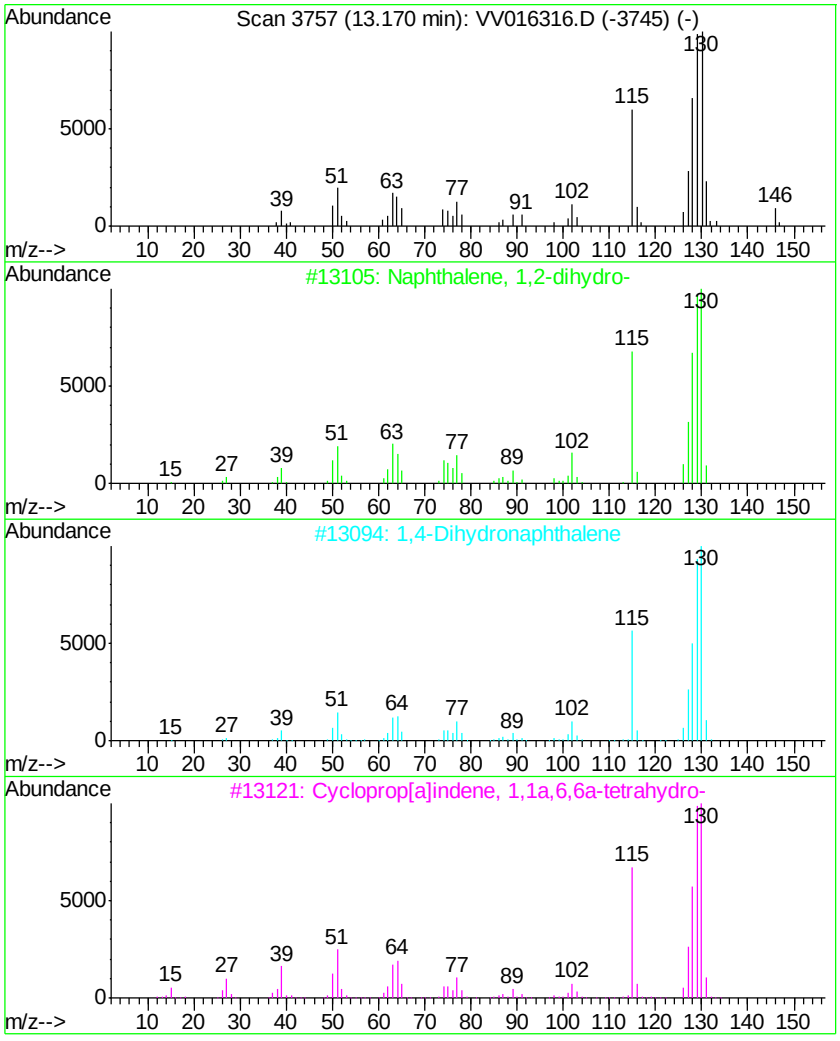
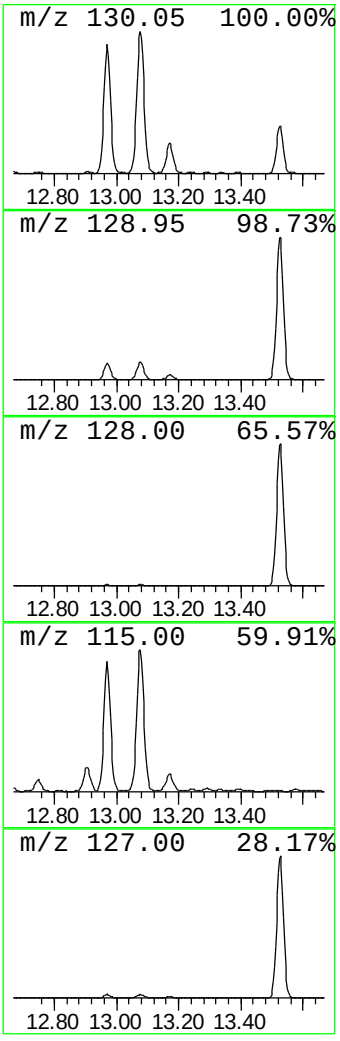
Peak Number 19 Naphthalene, 1,2-dihydro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	0.83 ug/L	63292	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	96
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91





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Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

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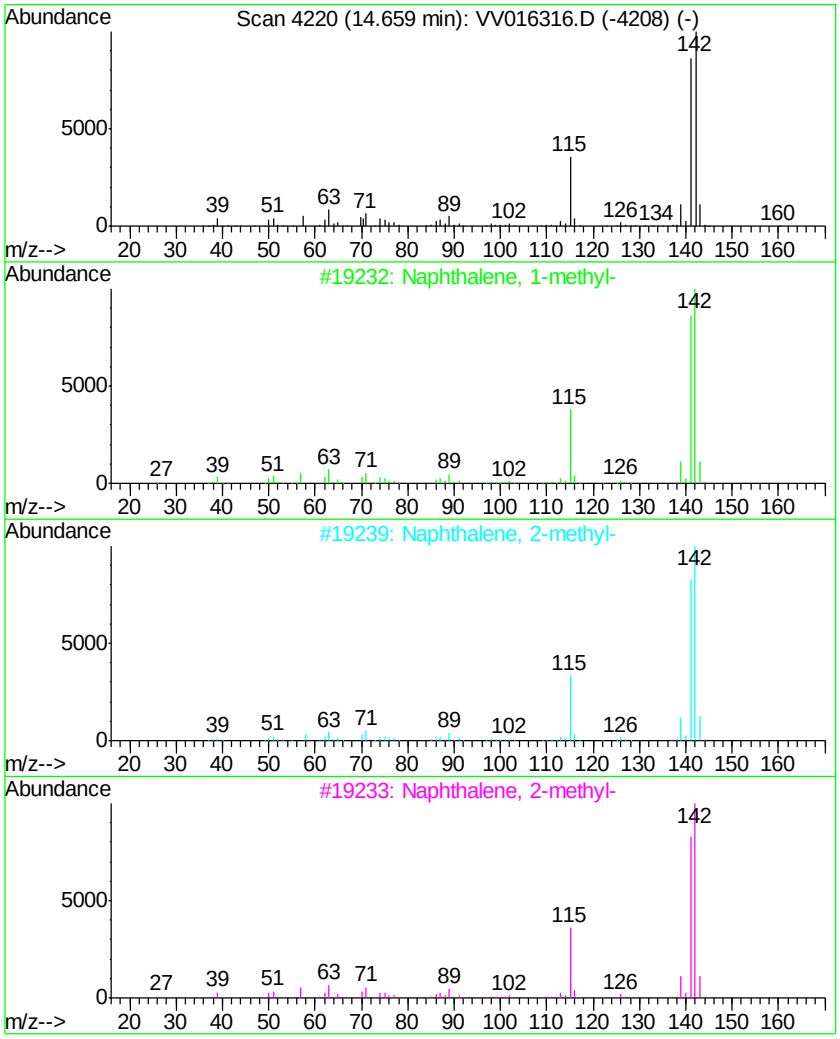
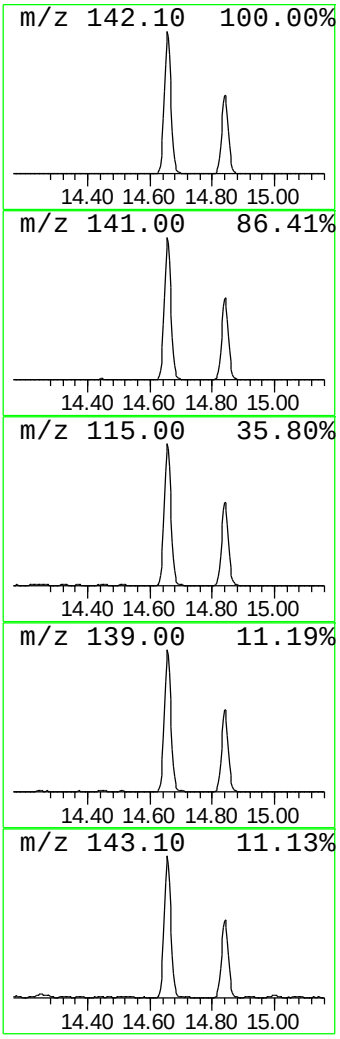
Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	13.97 ug/L	1065990	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, 2-methyl-	142	C11H10	000091-57-6	95
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Library Search Compound Report

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Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

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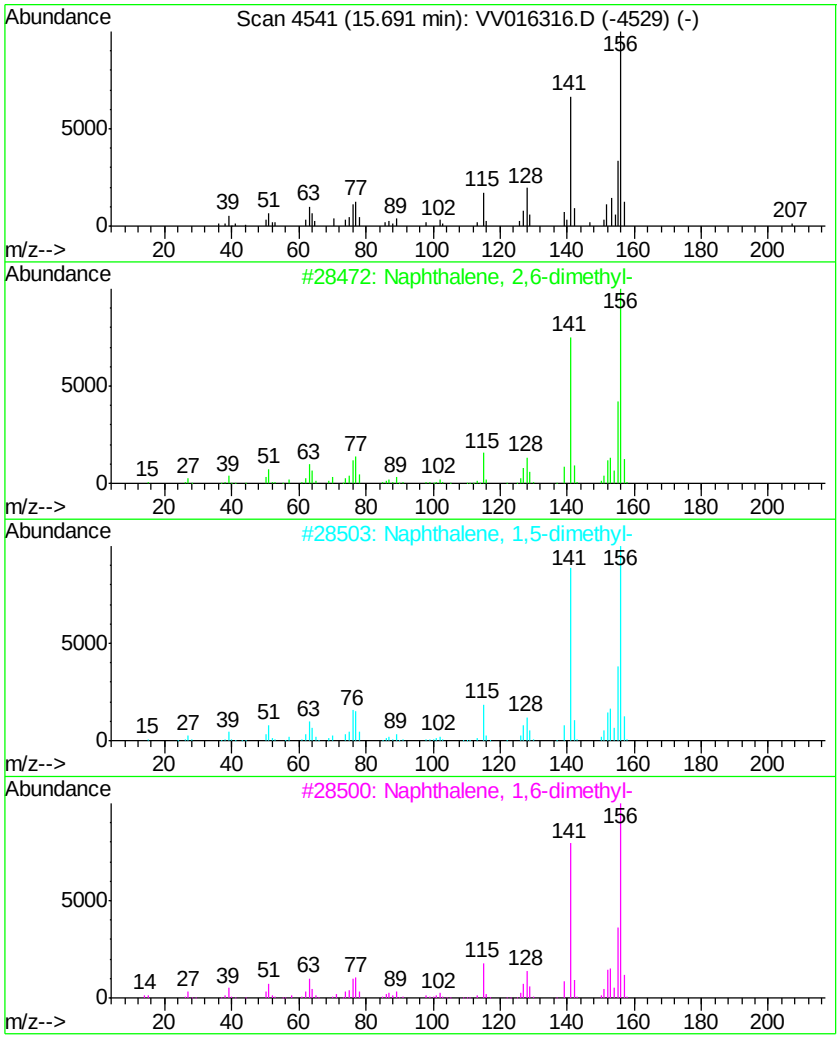
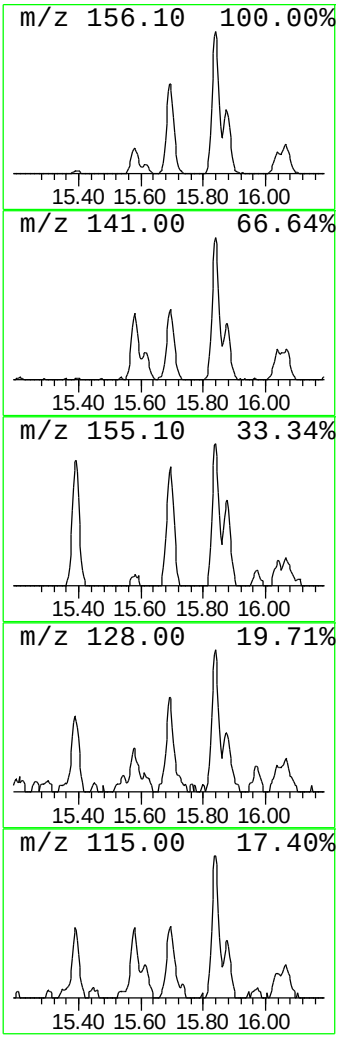
Peak Number 24 Naphthalene, 2,6-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	0.79 ug/L	60248	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

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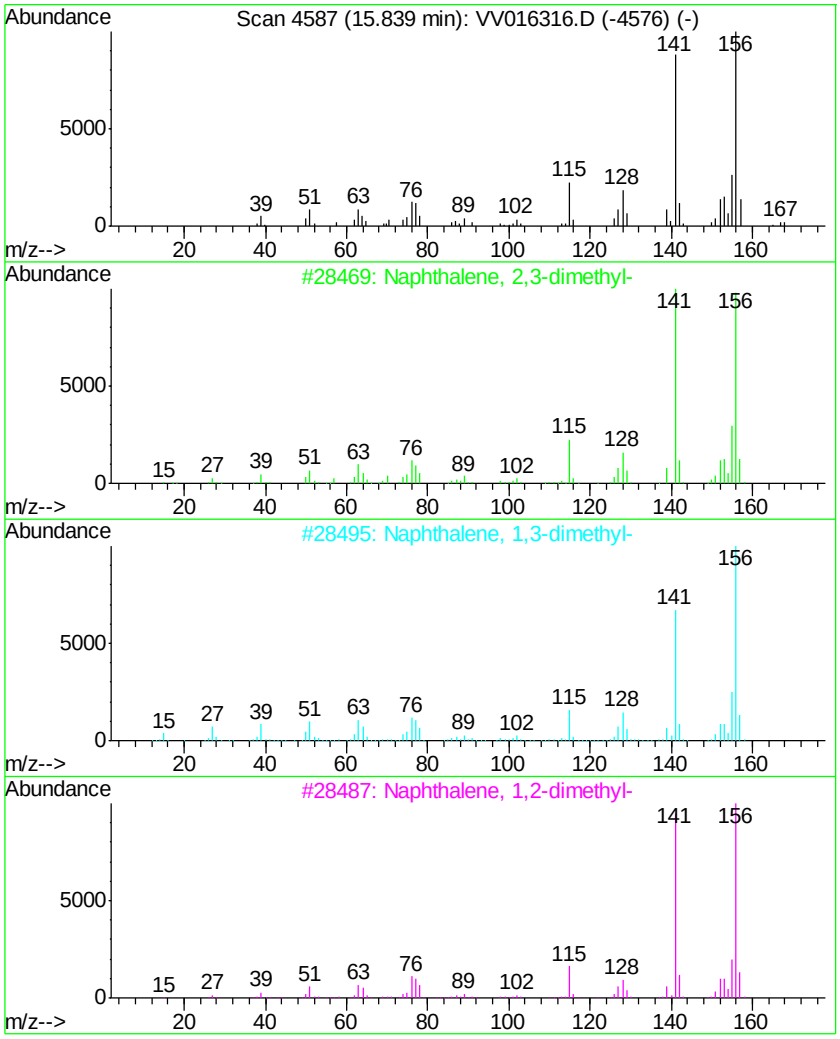
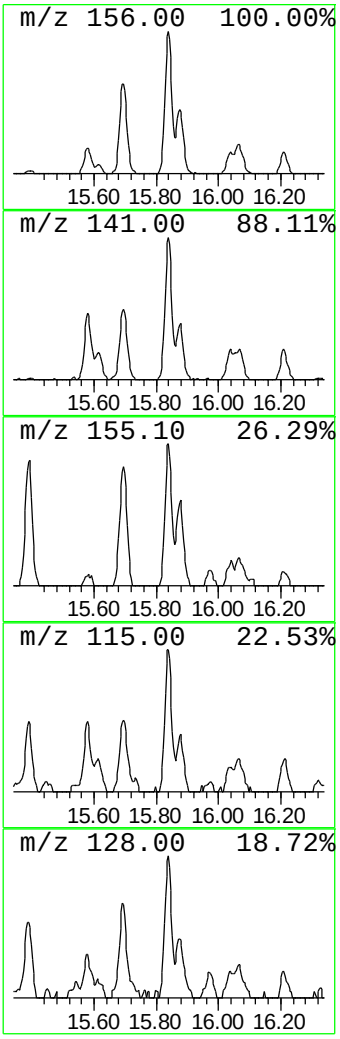
Peak Number 25 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	1.17 ug/L	89161	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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

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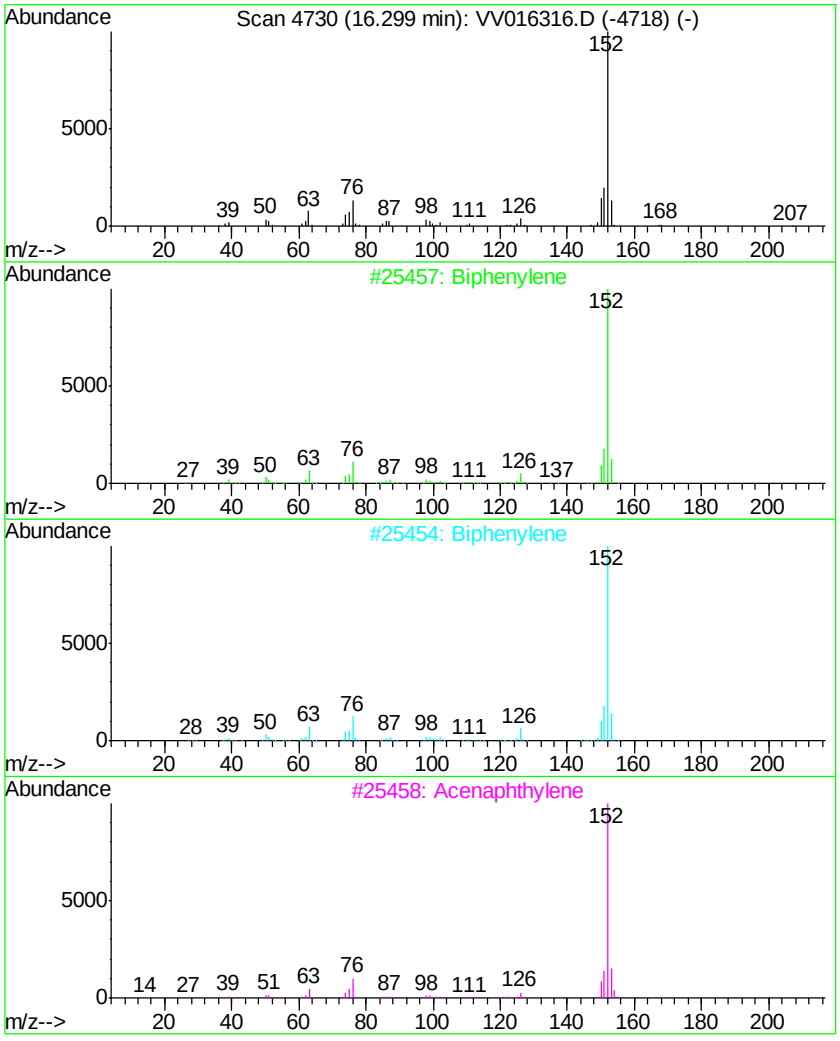
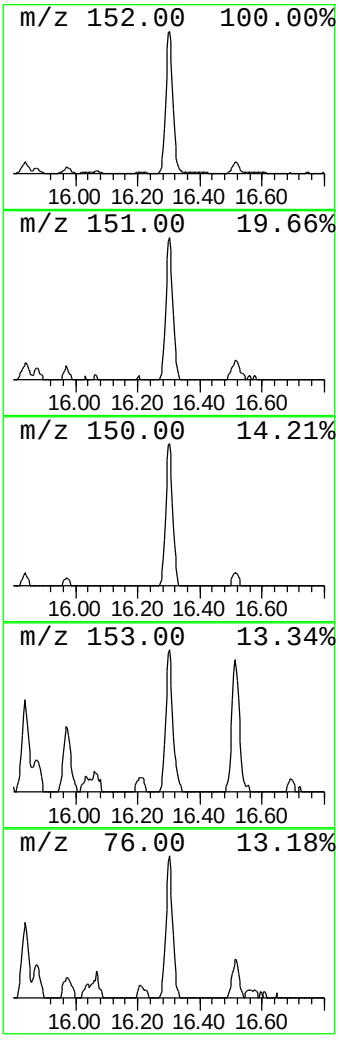
Peak Number 26 Biphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	1.09 ug/L	82881	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	93
2	Biphenylene	152	C12H8	000259-79-0	93
3	Acenaphthylene	152	C12H8	000208-96-8	87
4	Acenaphthylene	152	C12H8	000208-96-8	87
5	Acenaphthylene	152	C12H8	000208-96-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX0DL

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-ethyl-...	10.47	3.7	ug/L	284009	3	11.27	381639	5.0
Benzene, 1,2,3-tr...	10.56	3.0	ug/L	227475	3	11.27	381639	5.0
Mesitylene	10.76	1.1	ug/L	82126	3	11.27	381639	5.0
Benzene, 1,2,4-tr...	10.94	6.7	ug/L	509811	3	11.27	381639	5.0
Benzene, 1-etheny...	11.01	4.9	ug/L	375260	3	11.27	381639	5.0
Benzene, 1-etheny...	11.05	1.5	ug/L	116550	3	11.27	381639	5.0
Bicyclo[4.2.0]oct...	11.42	1.6	ug/L	118503	3	11.27	381639	5.0
Indane	11.55	1.6	ug/L	118359	3	11.27	381639	5.0
Indene	11.77	6.5	ug/L	499625	3	11.27	381639	5.0
Benzene, 2-ethyl-...	12.04	1.0	ug/L	77339	3	11.27	381639	5.0
Benzene, 2-etheny...	12.22	1.3	ug/L	95604	3	11.27	381639	5.0
Benzene, 1,2,3,4-...	12.49	1.5	ug/L	117596	3	11.27	381639	5.0
Benzene, 4-etheny...	12.61	0.9	ug/L	69667	3	11.27	381639	5.0
Benzene, 2-butenyl-	12.90	2.0	ug/L	151172	3	11.27	381639	5.0
2-Methylindene	12.97	2.7	ug/L	205621	3	11.27	381639	5.0
Benzene, (1-methy...	13.08	3.4	ug/L	257627	3	11.27	381639	5.0
Naphthalene, 1,2-...	13.17	0.8	ug/L	63292	3	11.27	381639	5.0
Naphthalene, 1-me...	14.66	14.0	ug/L	1065990	3	11.27	381639	5.0
Naphthalene, 2,6-...	15.69	0.8	ug/L	60248	3	11.27	381639	5.0
Naphthalene, 2,3-...	15.84	1.2	ug/L	89161	3	11.27	381639	5.0
Biphenylene	16.30	1.1	ug/L	82881	3	11.27	381639	5.0