LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

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\SOMVTR090219WMA.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	1.322	64	72	88	rVB	111548	118777	2.68%	0.364%
2	1.585	147	154	166	rVB	108986	124336	2.80%	0.381%
3	2.135	315	325	338	rBV	203999	292908	6.60%	0.897%
4	3.962	871	893	914	rBV2	151307	531303	11.97%	1.628%
5	4.399	1013	1029	1051	rBV2	107380	278325	6.27%	0.853%
6	5.097	1225	1246	1267	rBV2	242139	611331	13.78%	1.873%
7	5.663	1410	1422	1440	rBV	179312	360831	8.13%	1.106%
8	5.958	1499	1514	1532	rBV	595625	1143660	25.77%	3.504%
9	6.119	1550	1564	1580	rBV	142401	287320	6.48%	0.880%
10	7.029	1833	1847	1859	rBV2	61555	116356	2.62%	0.357%
11	7.360	1935	1950	1967	rBV	270354	488364	11.01%	1.496%
12	7.666	2034	2045	2059	rBV	38677	71774	1.62%	0.220%
13	8.132	2179	2190	2228	rBV	226323	561923	12.66%	1.722%
14	8.894	2412	2427	2447	rBV	279987	486016	10.95%	1.489%
15	9.585	2634	2642	2655	rBV2	26032	45419	1.02%	0.139%
16	10.260	2841	2852	2863	rBV	97507	156359	3.52%	0.479%
17	10.955	3058	3068	3081	rBV	97587	150238	3.39%	0.460%
18	11.129	3113	3122	3134	rVB	218406	341129	7.69%	1.045%
19	11.293	3162	3173	3188	rVB	283837	464362	10.46%	1.423%
20	11.379	3188	3200	3216	rVB	193974	307367	6.93%	0.942%
21	11.588	3249	3265	3281	rBV2	2633912	4437359	100.00%	13.596%
22	11.672	3281	3291	3312	rVB3	1662039	2906915	65.51%	8.907%
23	11.788	3316	3327	3340	rBV	838527	1244421	28.04%	3.813%
24	11.862	3340	3350	3367	rVB	237007	371111	8.36%	1.137%
25	11.955	3367	3379	3383	rBV	545455	805589	18.15%	2.468%
26	11.984	3383	3388	3399	rVB	574665	830826	18.72%	2.546%
27	12.058	3400	3411	3432	rVB	1142354	1810730	40.81%	5.548%
28	12.161	3433	3443	3448	rBV	204036	359668	8.11%	1.102%
29	12.360	3494	3505	3517	rBV	511013	766767	17.28%	2.349%
30	12.456	3517	3535	3543	rBV	1117338	1668405	37.60%	5.112%
31	12.508	3543	3551	3570	rVB	1767856	2628562	59.24%	8.054%
32	12.768	3620	3632	3646	rVB	393320	582958	13.14%	1.786%
33	12.926	3661	3681	3709	rVV2	1576363	2674578	60.27%	8.195%
34	13.045	3709	3718	3725	rVV	66593	100755	2.27%	0.309%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

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\SOMVTR090219WMA.M
Title : TRACE VOA SOM01.0

35	13.093	3726	3733	3747	rVB5	38865	71646	1.61%	0.220%
36	13.209	3759	3769	3778	rBV	26175	45649	1.03%	0.140%
37	13.315	3790	3802	3807	rBV3	118786	203630	4.59%	0.624%
38	13.444	3835	3842	3855	rVB	61331	92061	2.07%	0.282%
39	13.546	3861	3874	3898	rBV	2326350	3614536	81.46%	11.075%
40	13.772	3932	3944	3954	rBV3	26821	53696	1.21%	0.165%
41	14.276	4088	4101	4111	rBV	38896	61222	1.38%	0.188%
42	14.681	4212	4227	4237	rBV	144978	230987	5.21%	0.708%
43	14.865	4272	4284	4295	rBV	82639	136603	3.08%	0.419%

Sum of corrected areas: 32636772

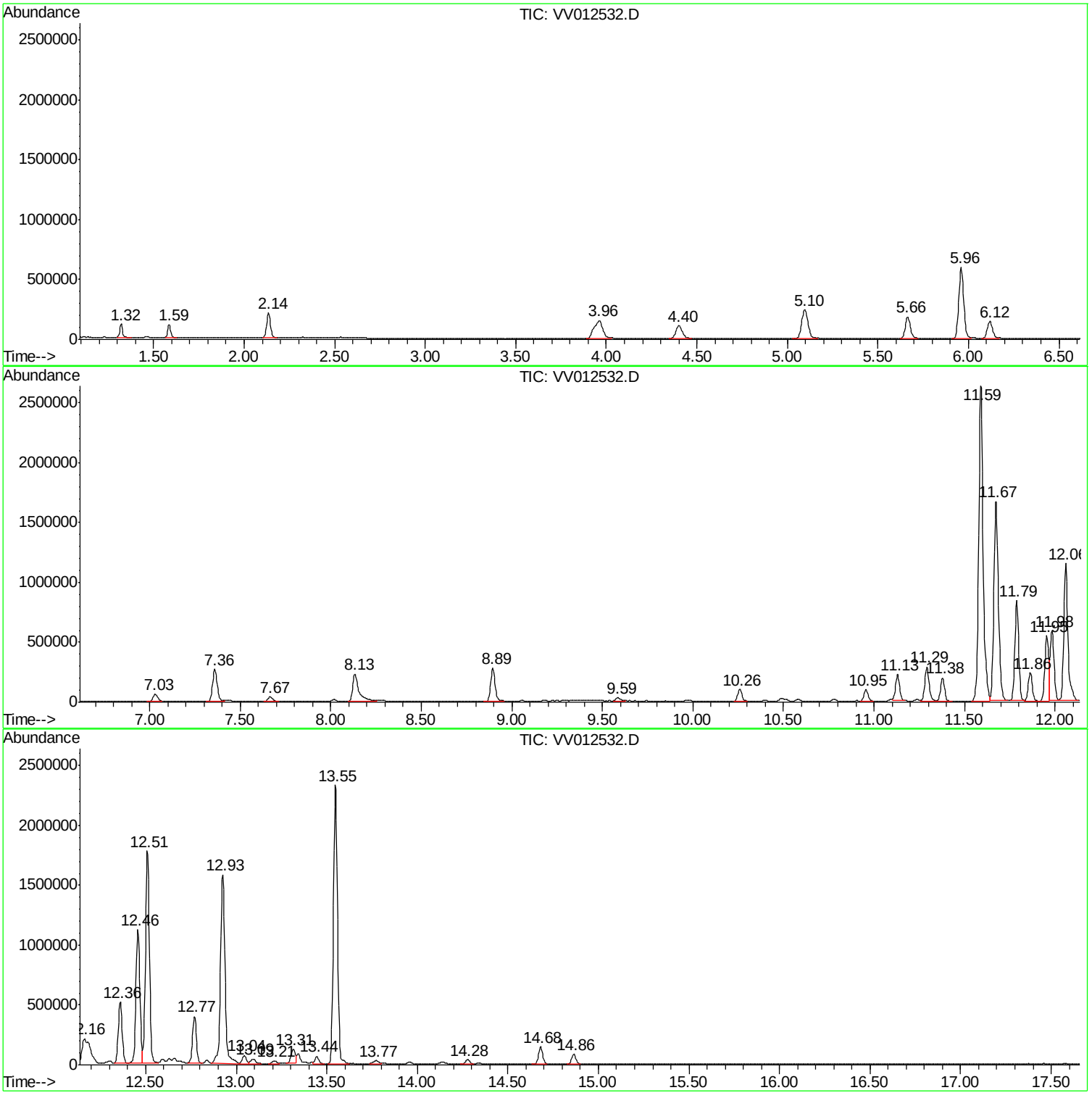
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.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\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

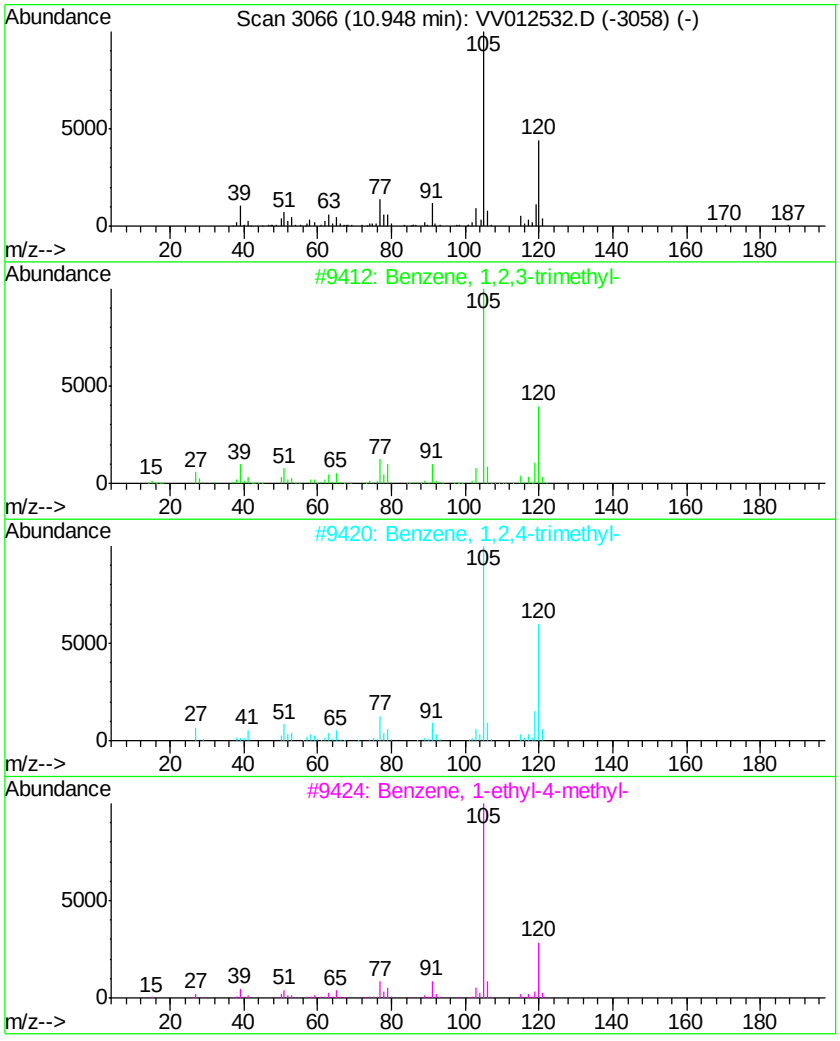
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

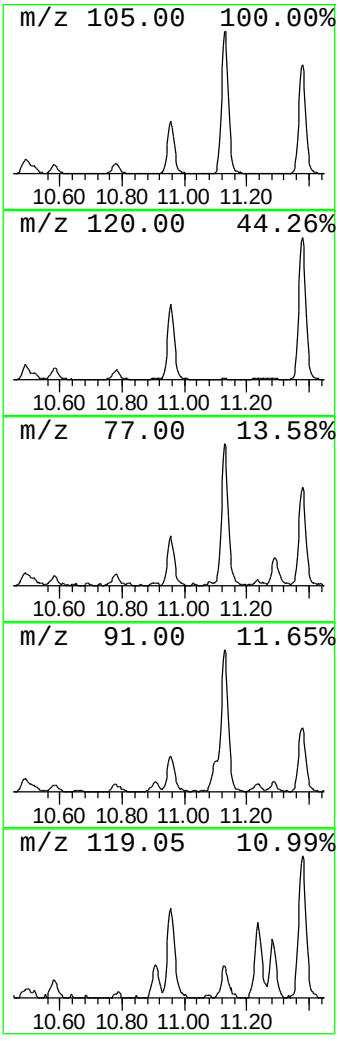
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	1.62 ug/L	150238	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

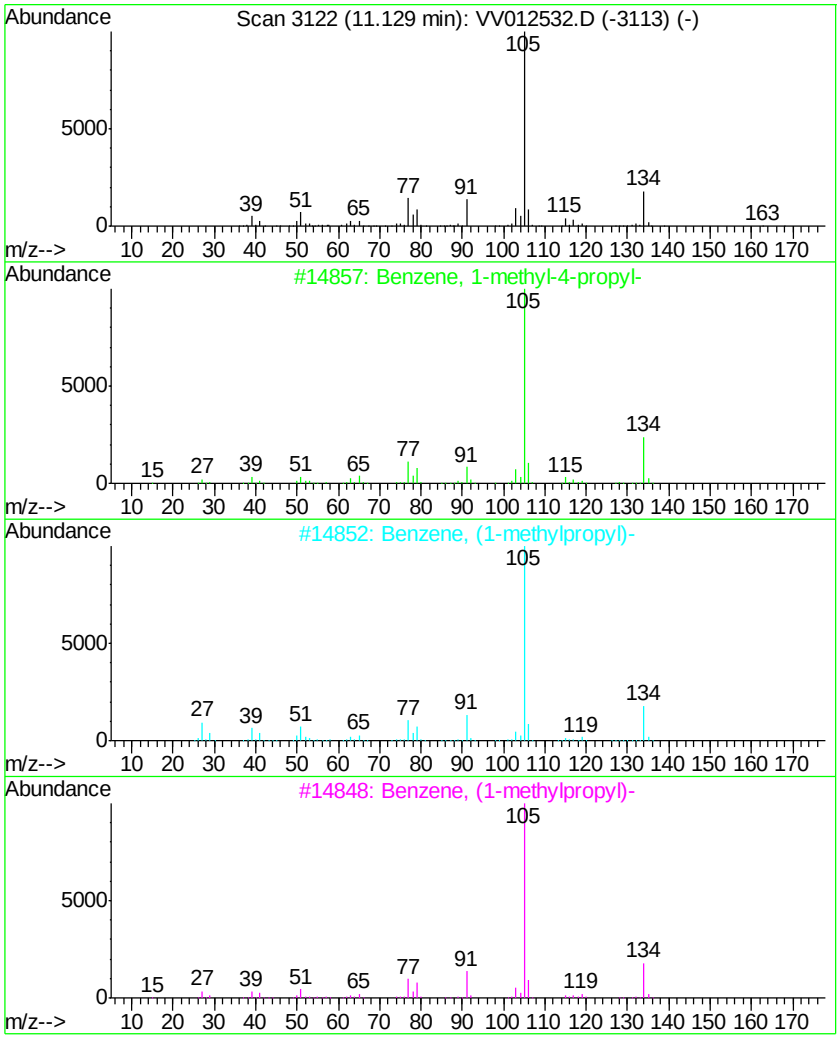
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

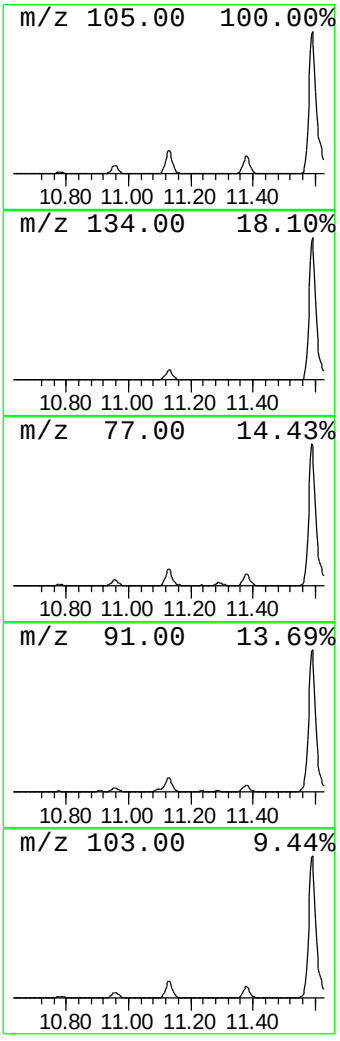
****

Peak Number 3 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	3.67 ug/L	341129	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

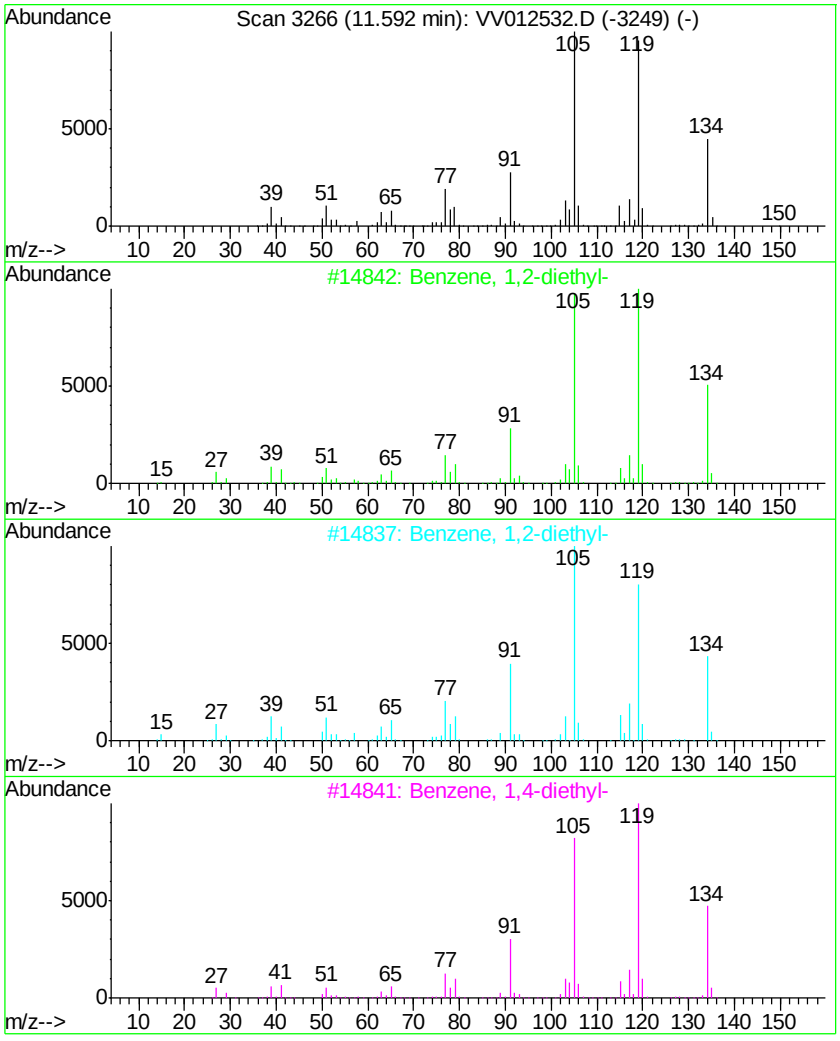
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

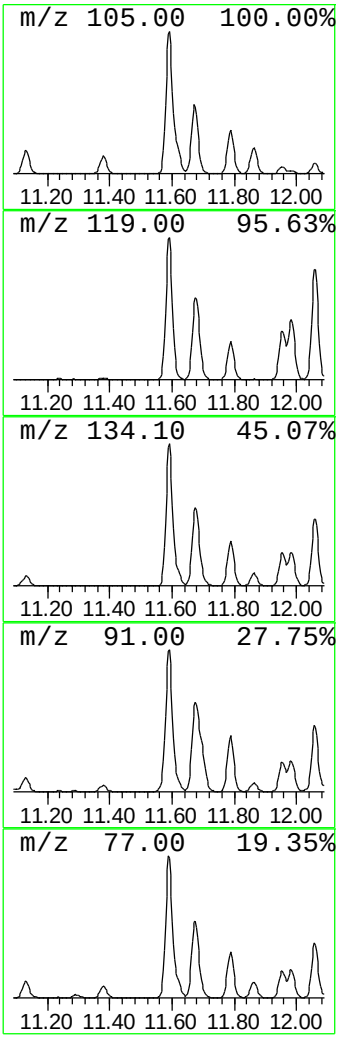
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	47.78 ug/L	4437360	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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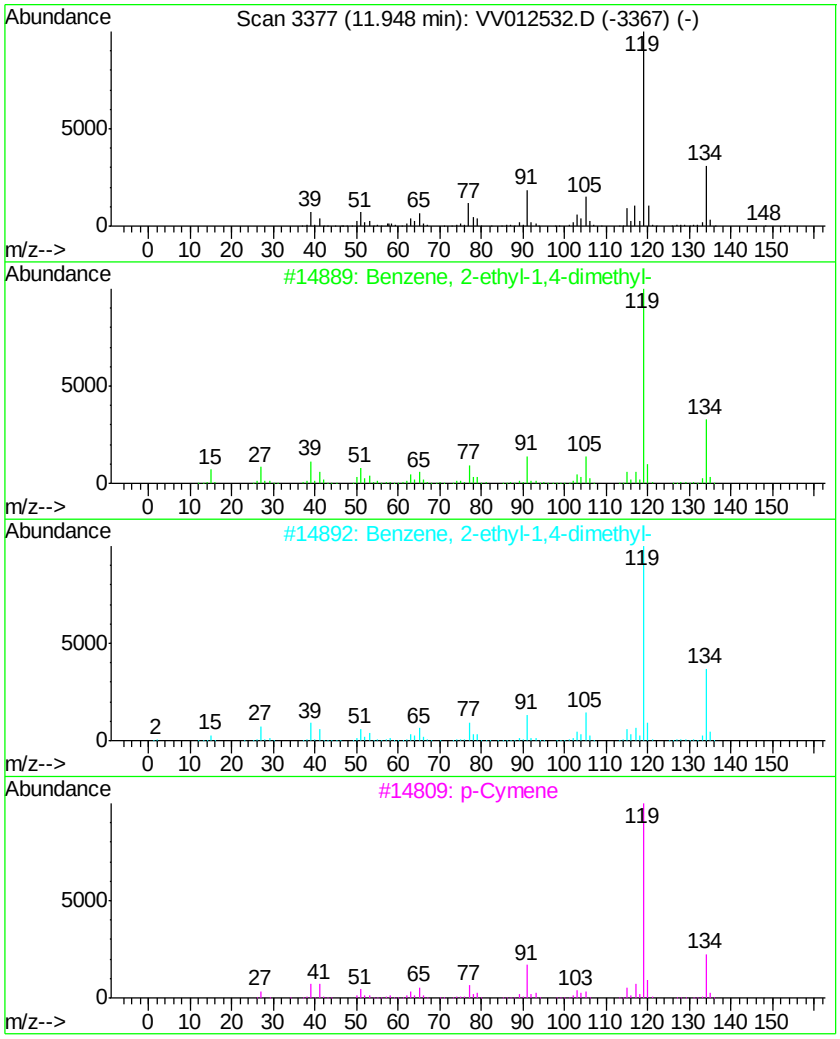
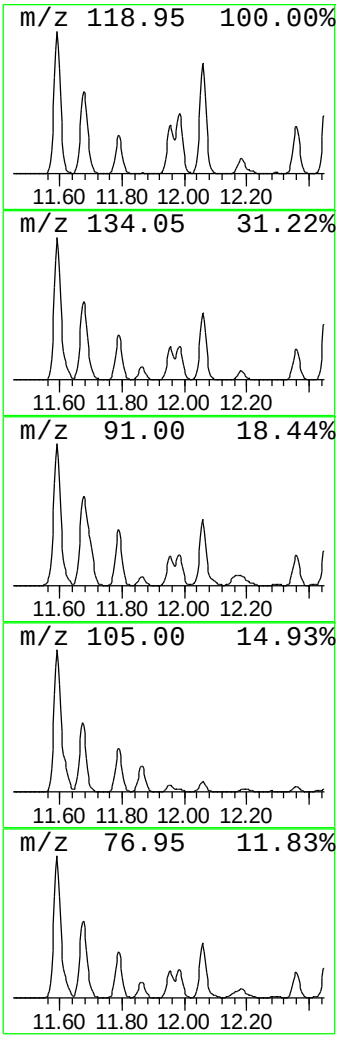
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	8.67 ug/L	805589	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

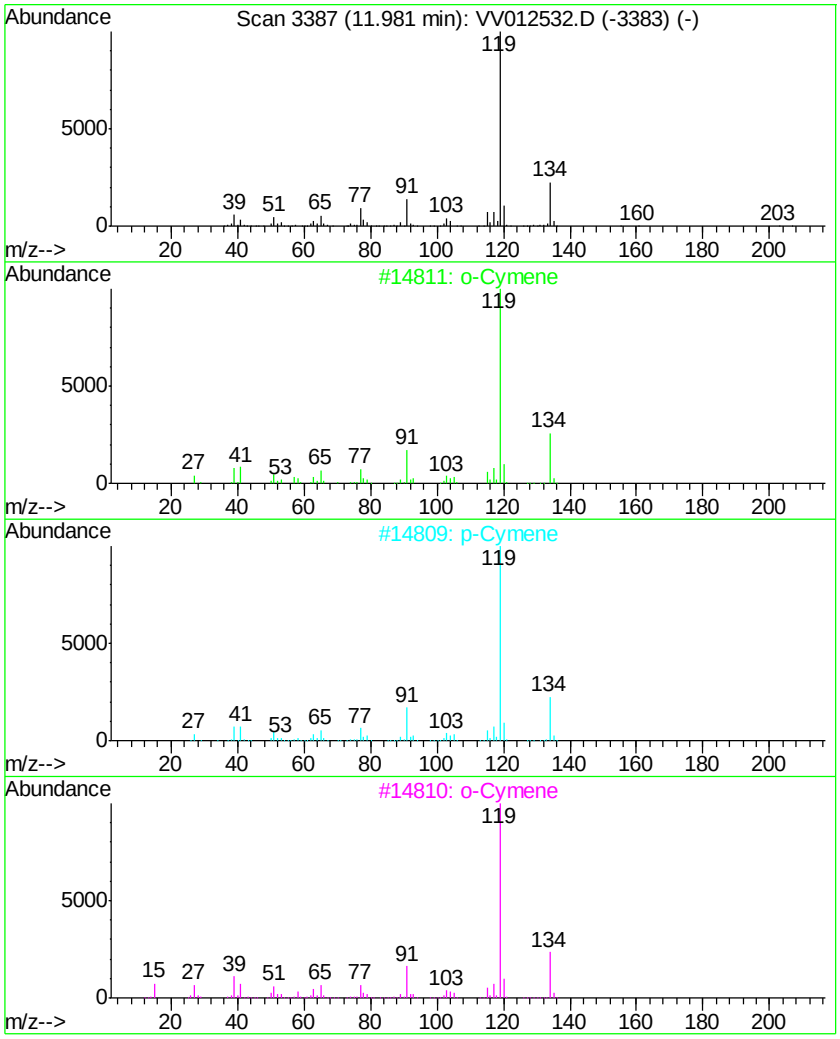
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

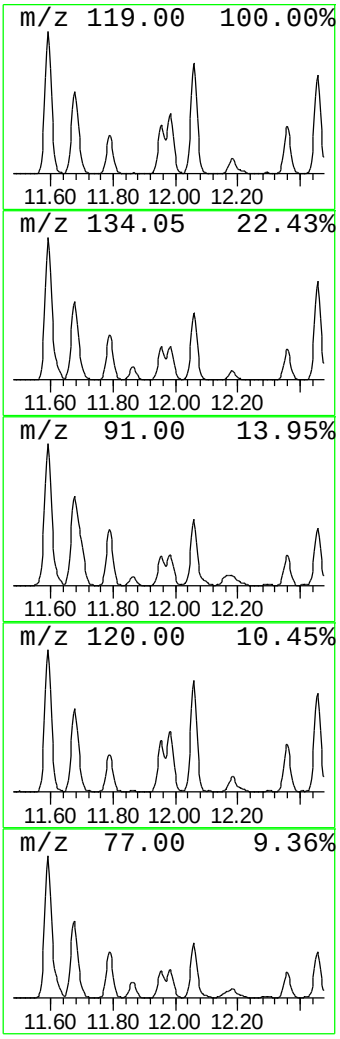
****

Peak Number 9 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	8.95 ug/L	830826	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

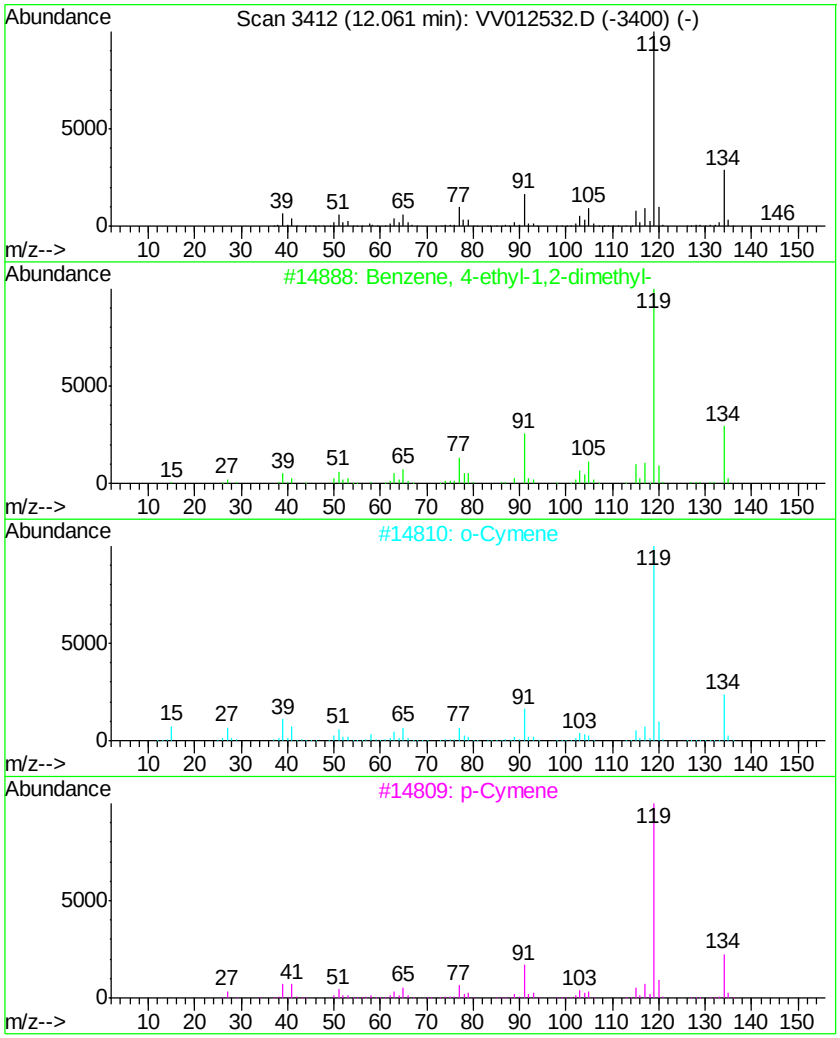
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

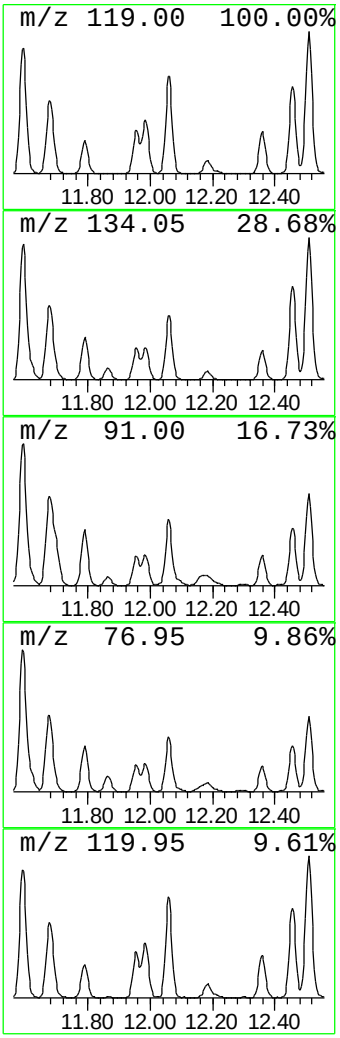
****

Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	19.50 ug/L	1810730	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

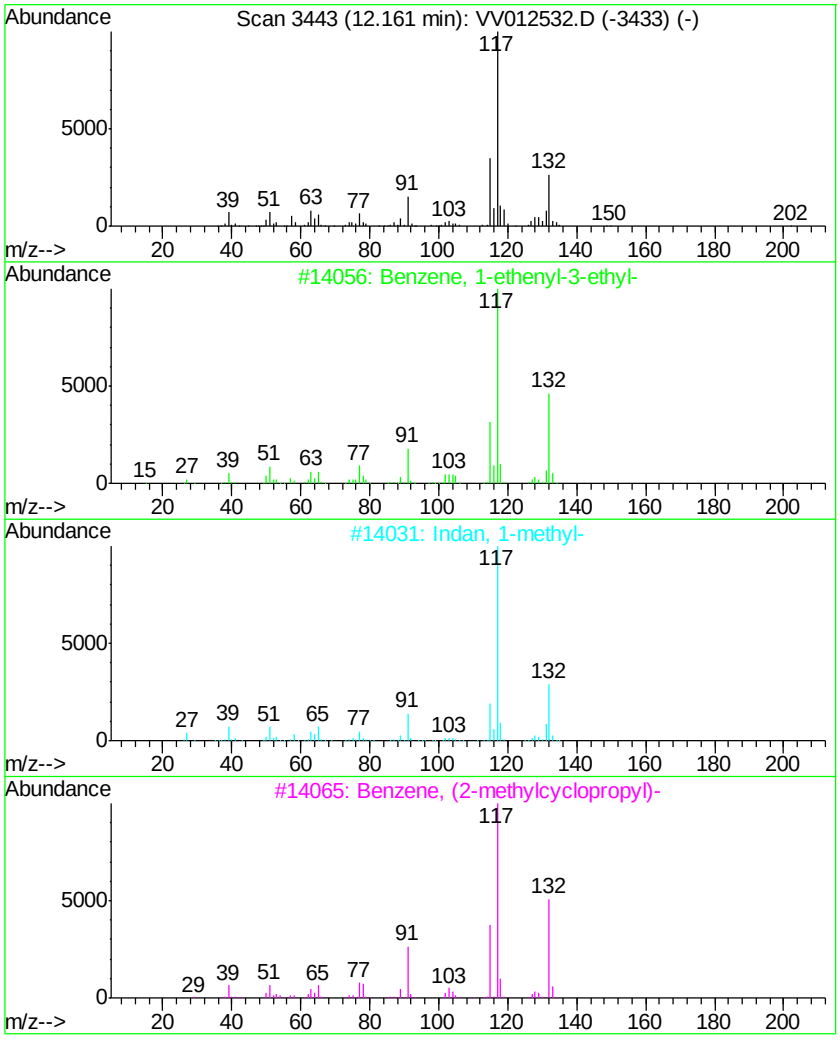
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

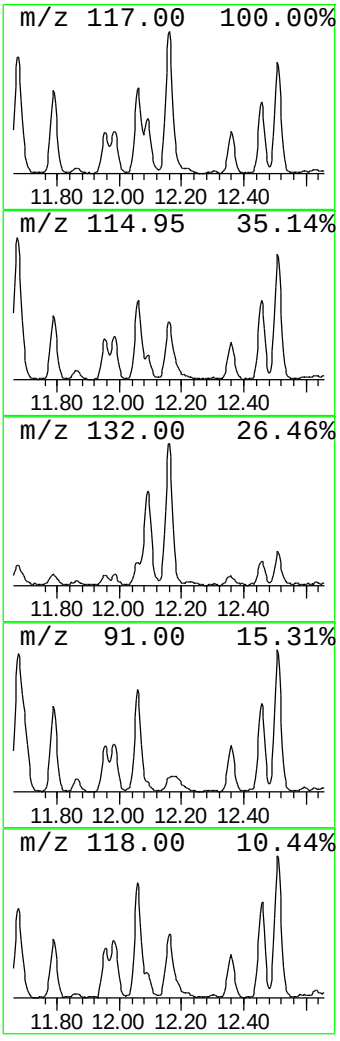
****

Peak Number 11 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.87 ug/L	359668	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

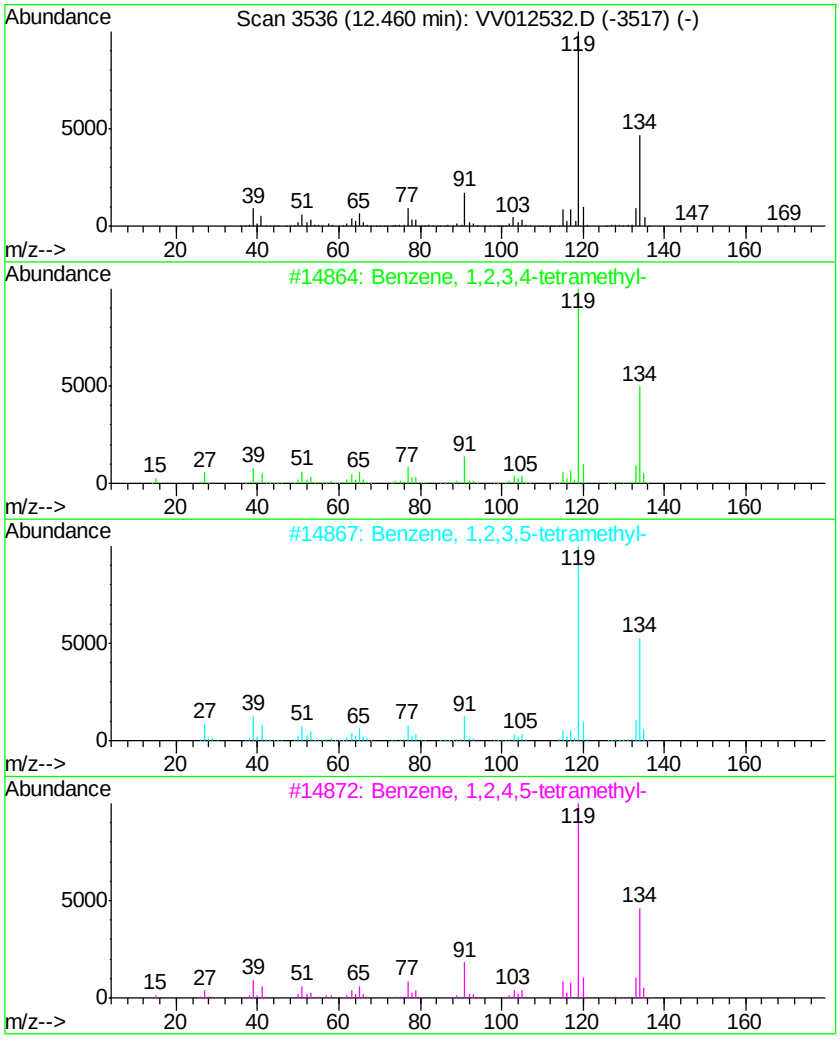
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

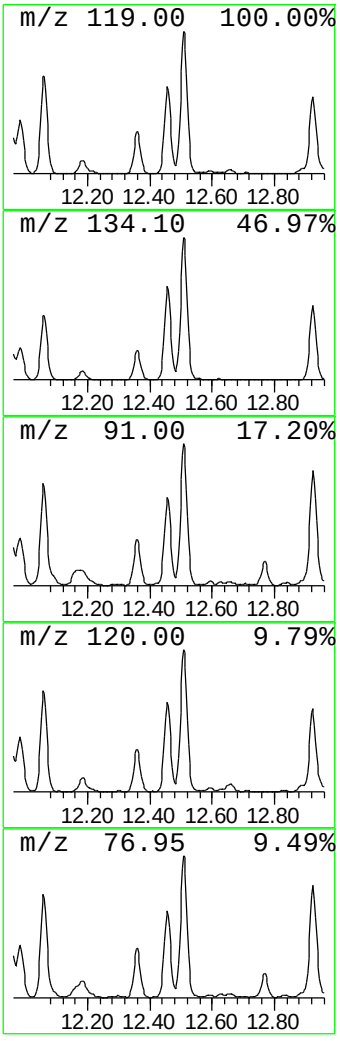
****

Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	17.96 ug/L	1668410	1,4-Dichlorobenzene-d4	11.29

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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

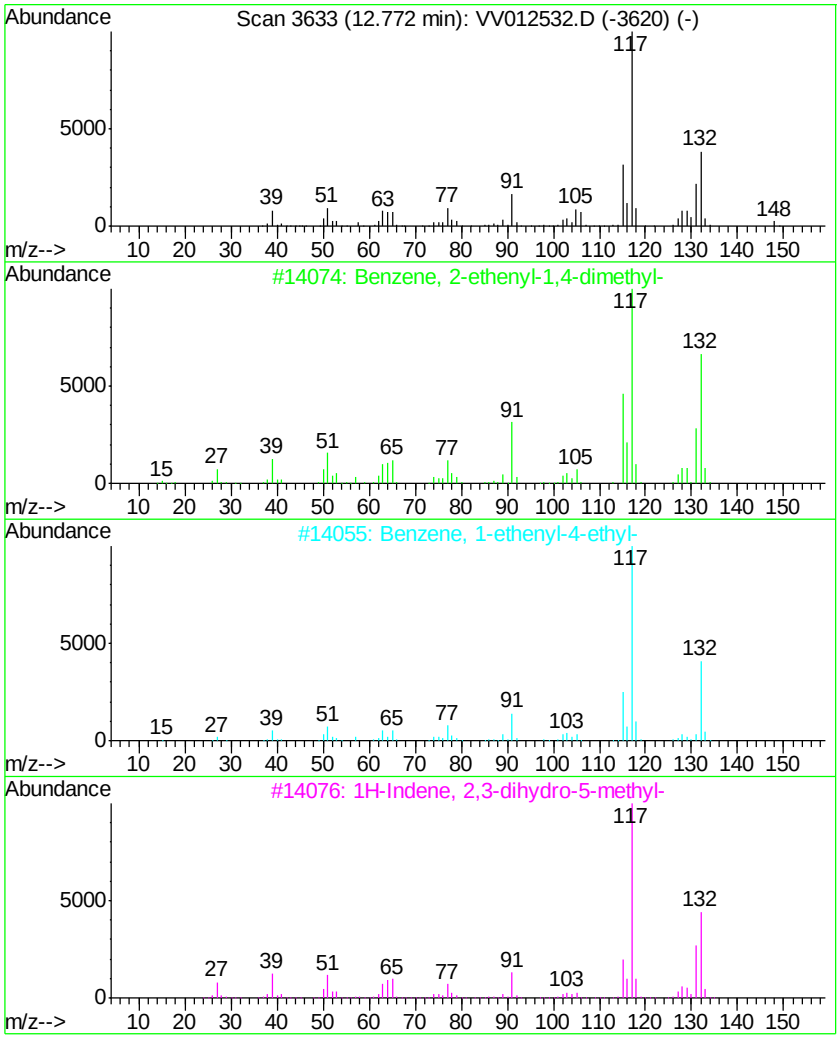
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

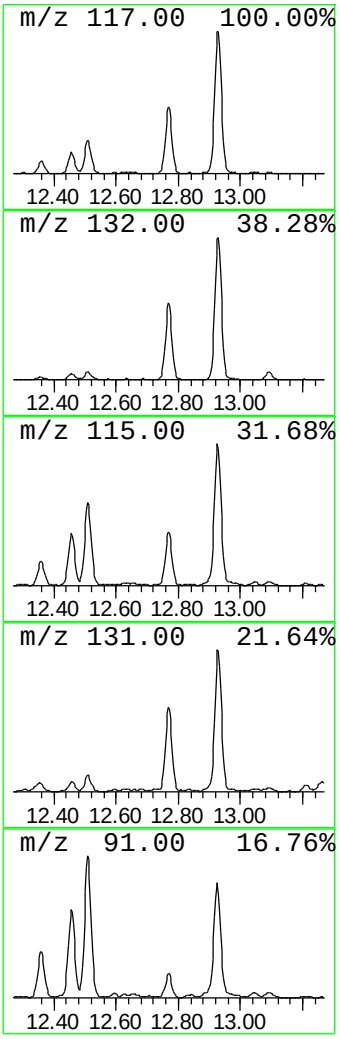
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	6.28 ug/L	582958	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

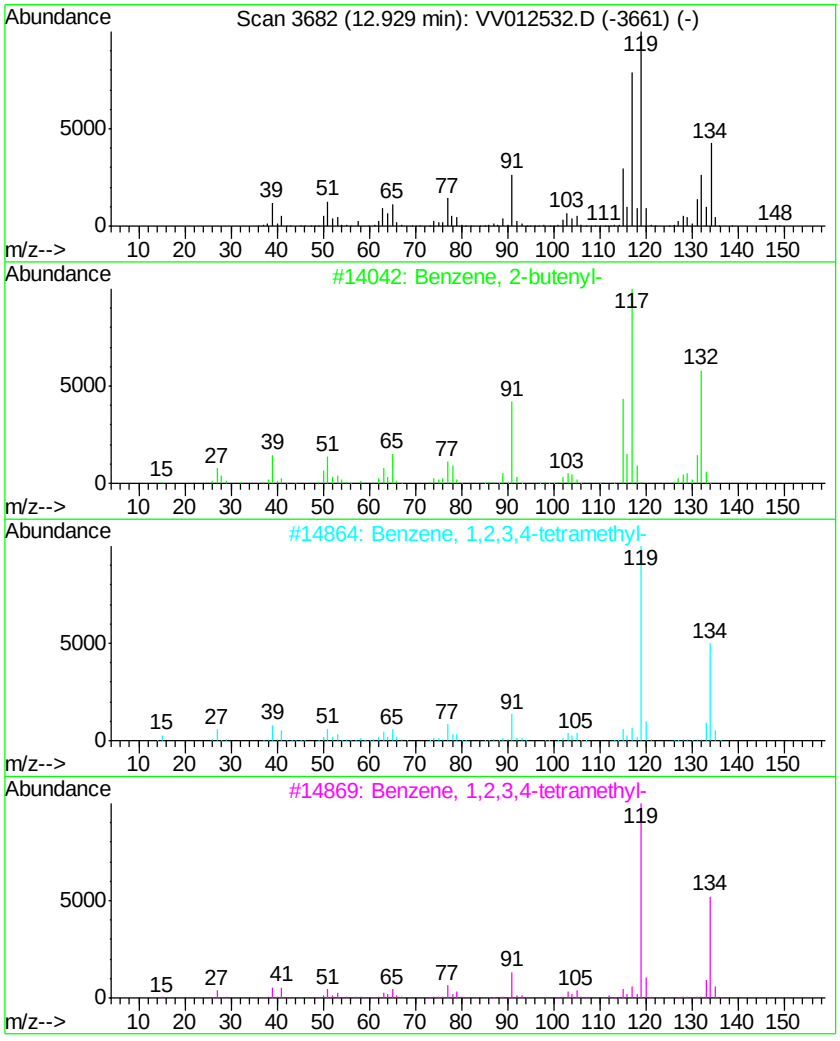
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

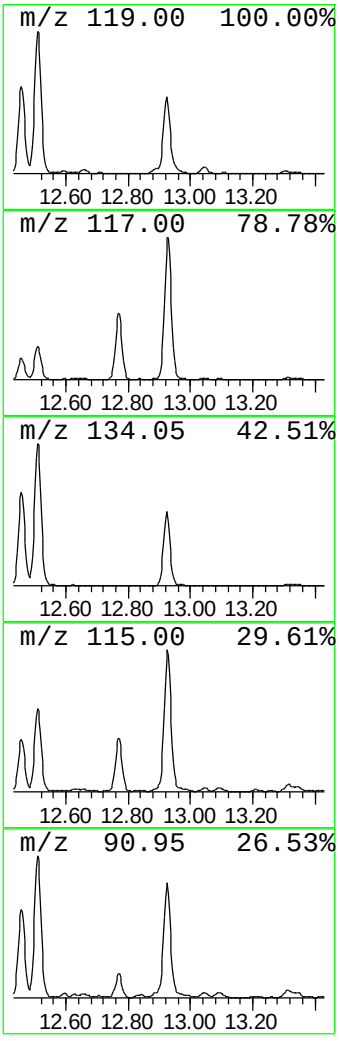
****

Peak Number 16 Benzene, 2-butenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	28.80 ug/L	2674580	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5	o-Cymene	134	C10H14	000527-84-4	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

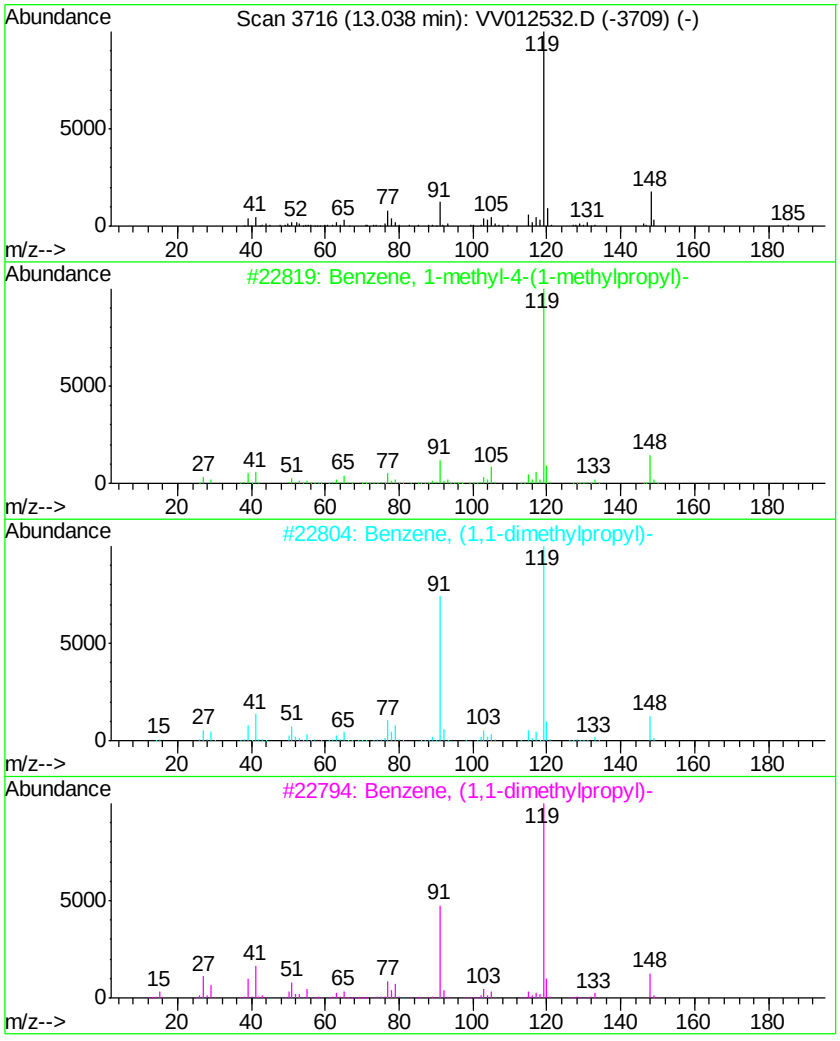
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

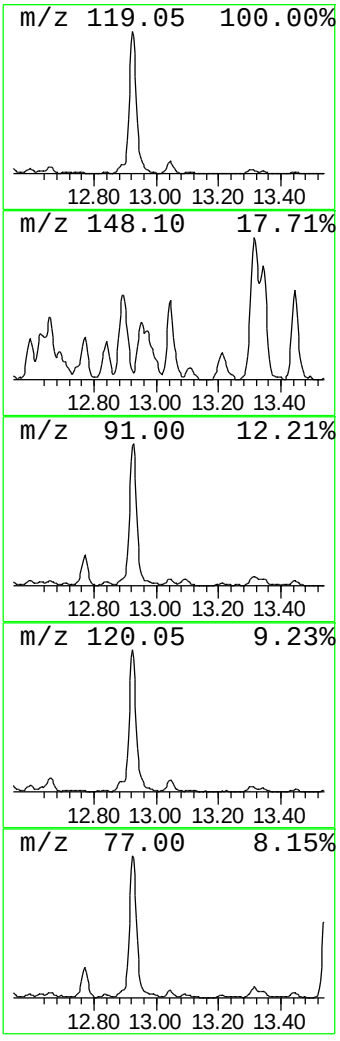
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	1.08 ug/L	100755	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	72
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

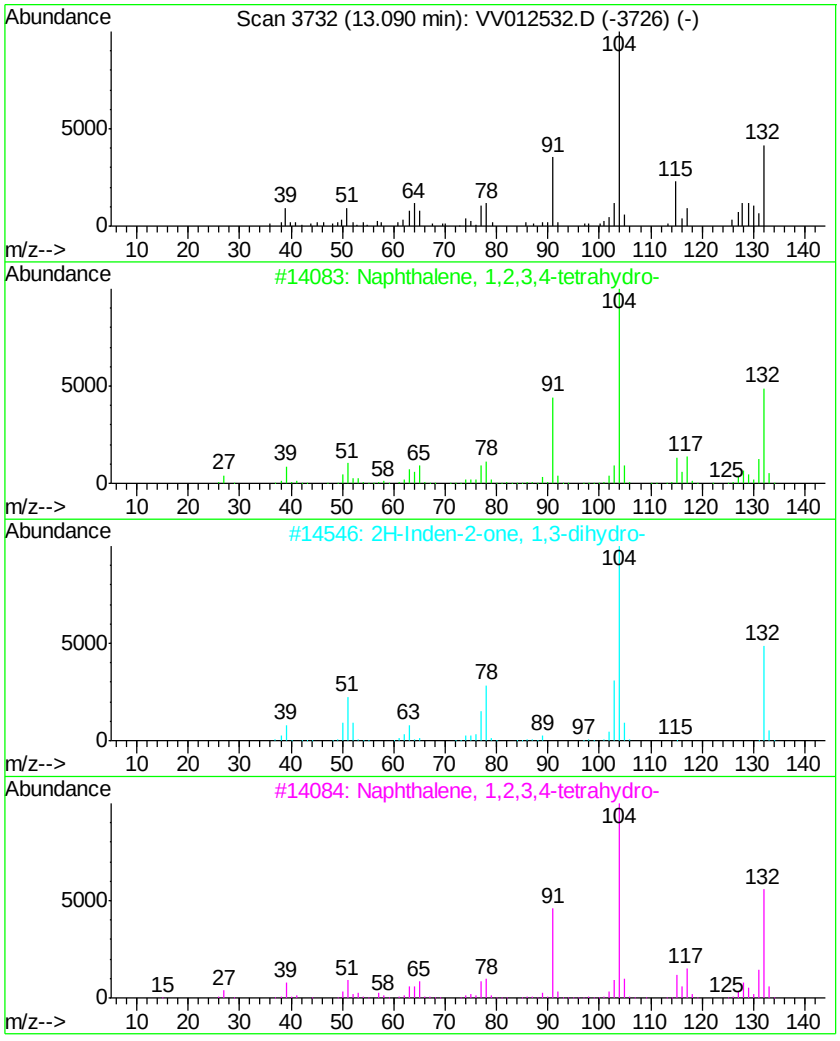
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

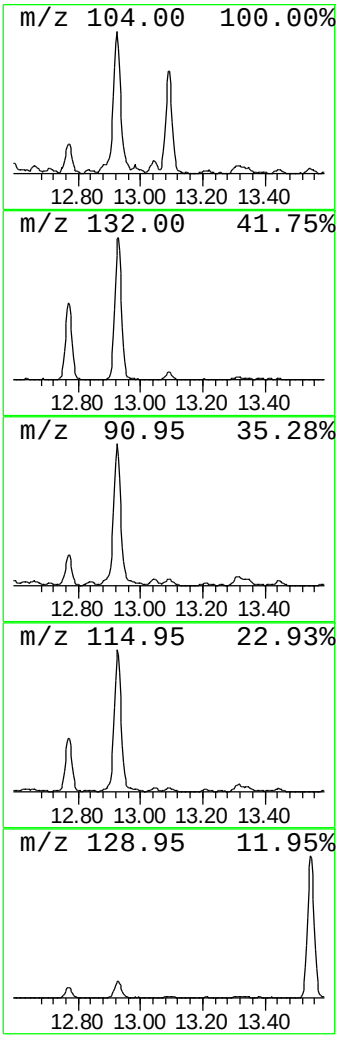
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	0.77 ug/L	71646	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	58
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	45
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	38
5	Acetic acid, trifluoro-, 2-pheny...	218	C10H9F3O2	055419-66-4	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

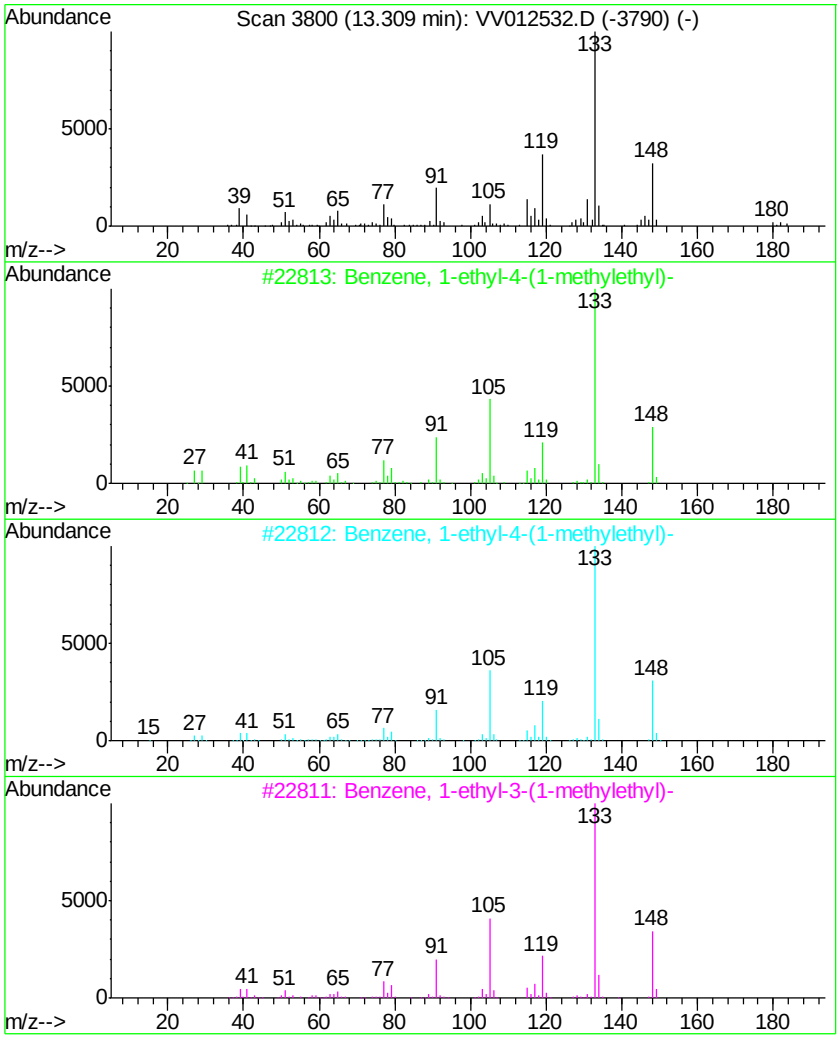
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

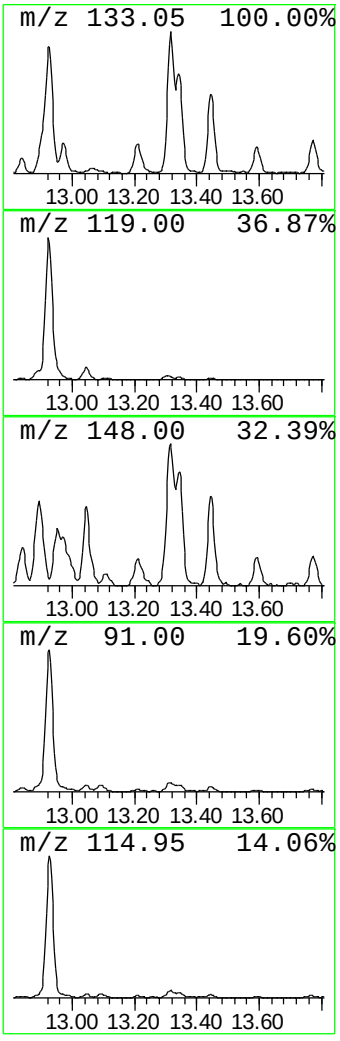
****

Peak Number 19 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.19 ug/L	203630	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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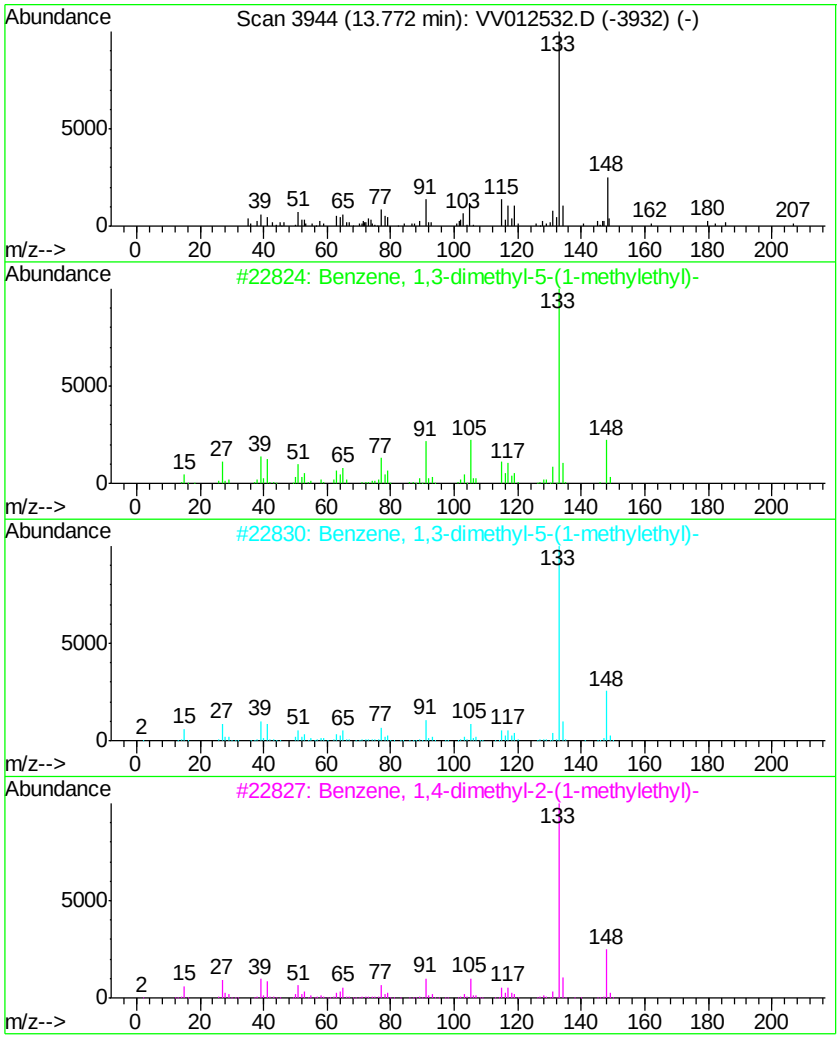
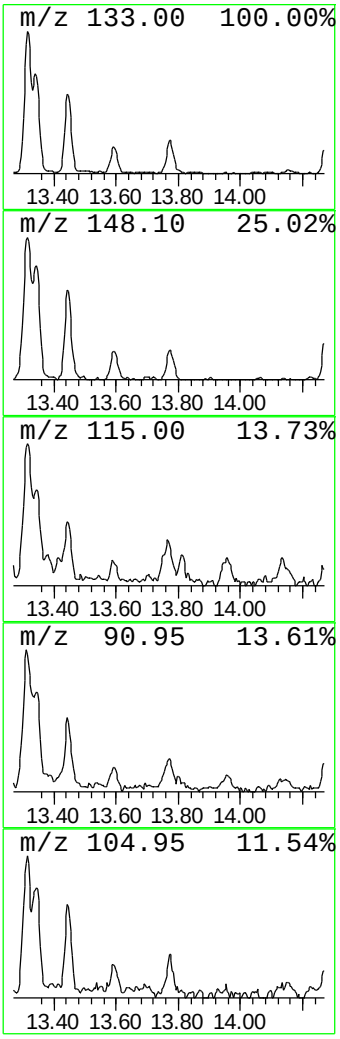
Peak Number 22 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	0.58 ug/L	53696	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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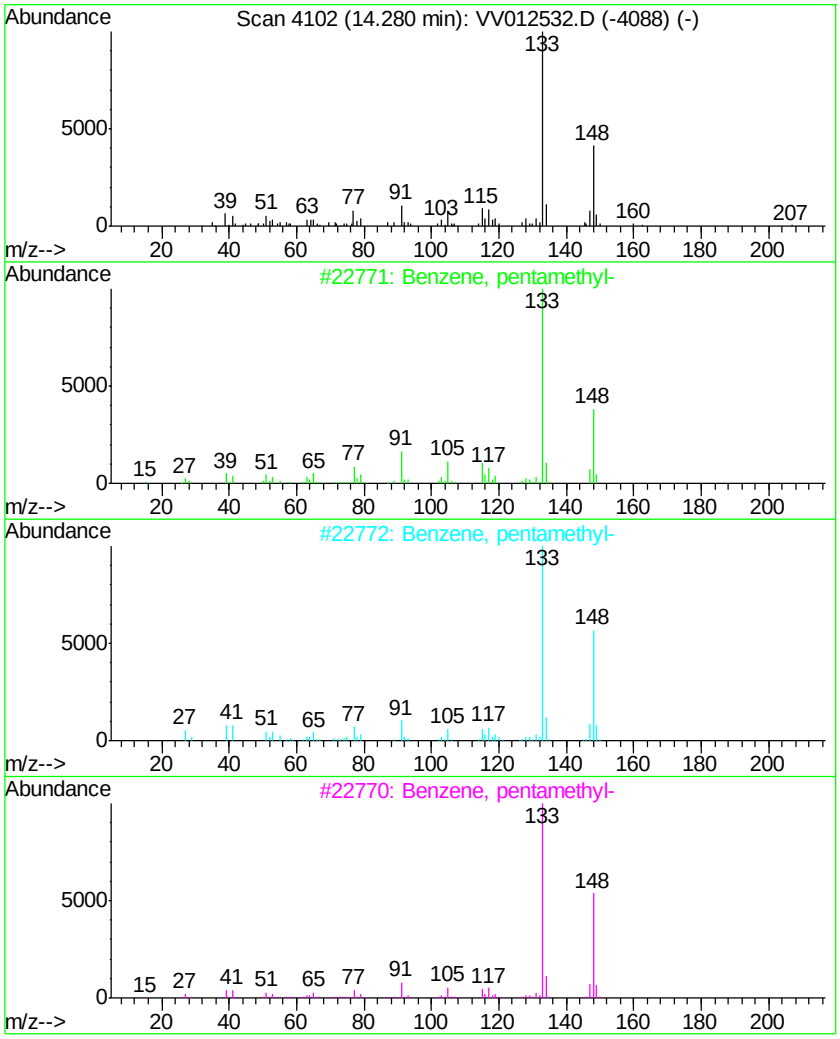
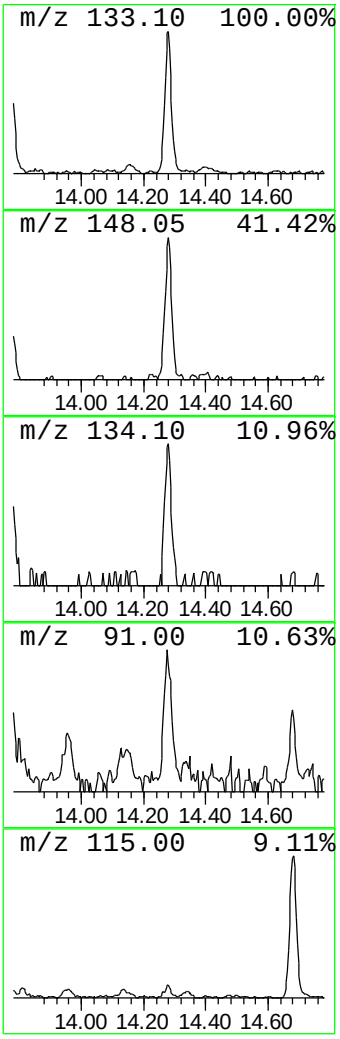
Peak Number 23 Benzene, pentamethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	0.66 ug/L	61222	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	97
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	94
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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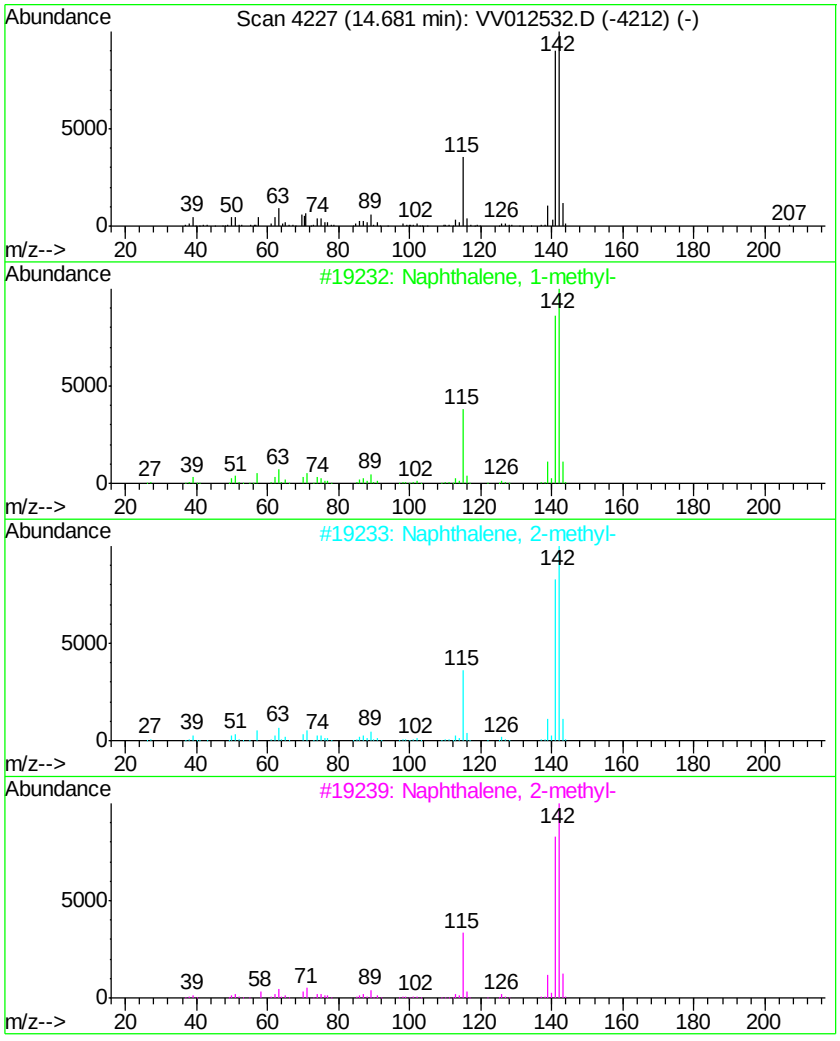
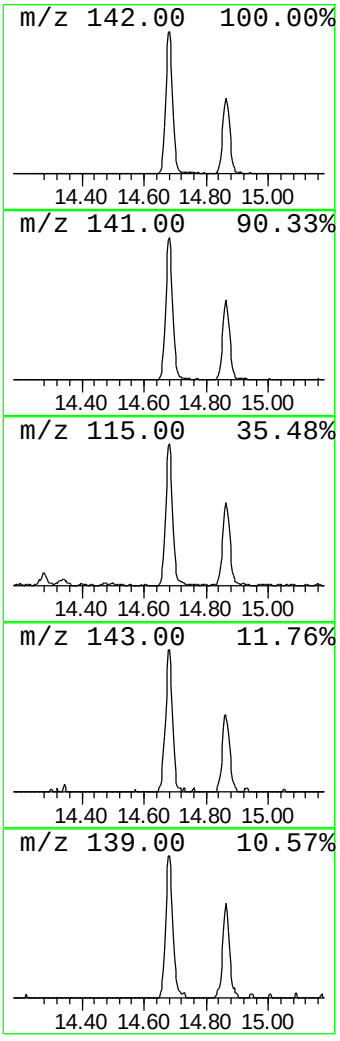
Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	2.49 ug/L	230987	1,4-Dichlorobenzene-d4	11.29

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	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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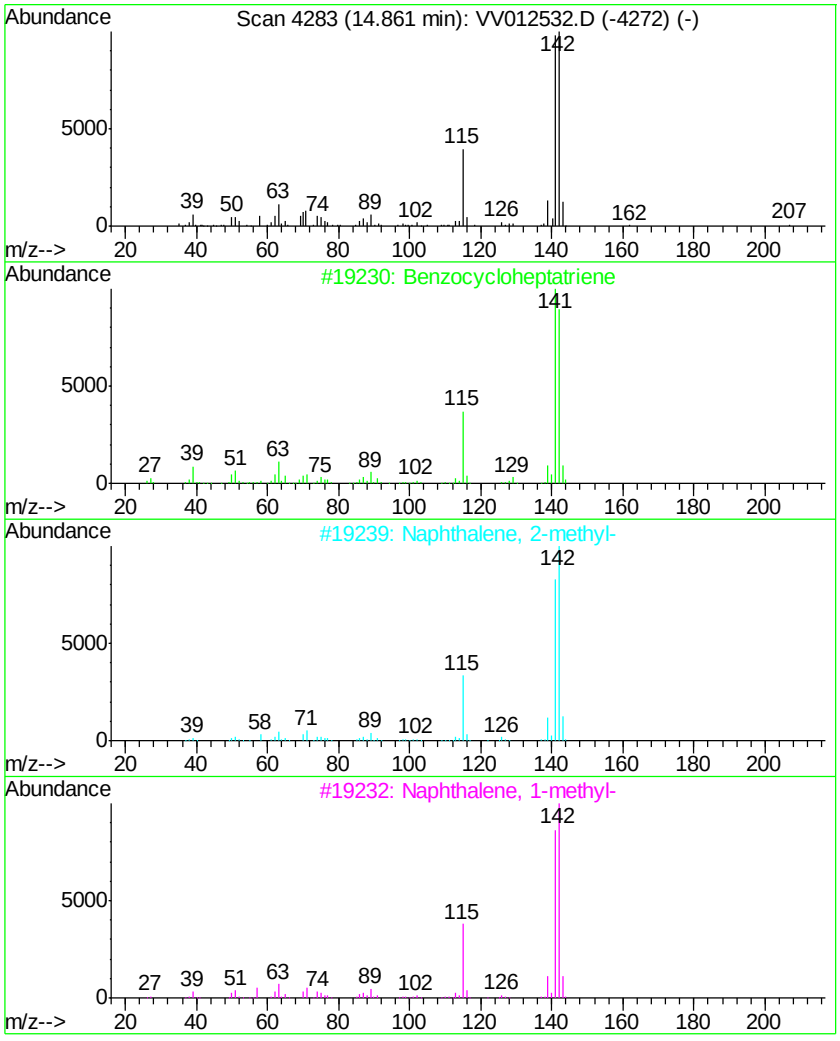
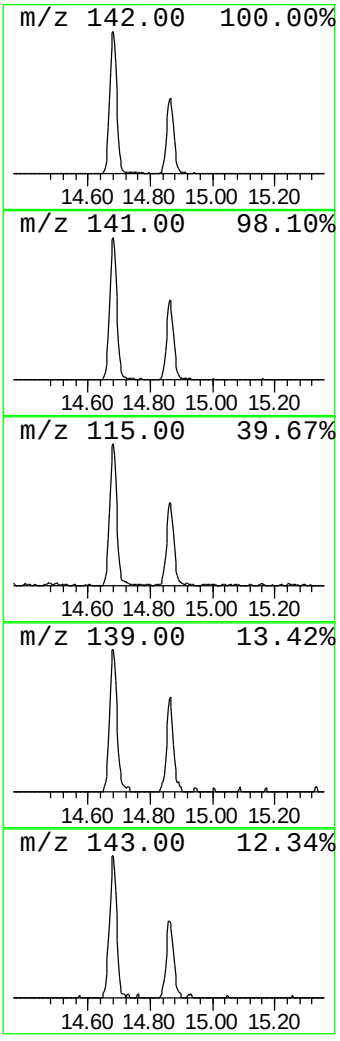
Peak Number 25 Benzocycloheptatriene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	1.47 ug/L	136603	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012532.D
Acq On : 02 Sep 2019 16:35
Operator : SY/MD
Sample : K4607-08 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.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, 1,2,3-tr...	10.95	1.6	ug/L	150238	3	11.29	464362	5.0
Benzene, 1-methyl...	11.13	3.7	ug/L	341129	3	11.29	464362	5.0
Benzene, 1,2-diet...	11.59	47.8	ug/L	4437360	3	11.29	464362	5.0
Benzene, 2-ethyl-...	11.95	8.7	ug/L	805589	3	11.29	464362	5.0
o-Cymene	11.98	8.9	ug/L	830826	3	11.29	464362	5.0
Benzene, 4-ethyl-...	12.06	19.5	ug/L	1810730	3	11.29	464362	5.0
Benzene, 1-etheny...	12.16	3.9	ug/L	359668	3	11.29	464362	5.0
Benzene, 1,2,3,4-...	12.46	18.0	ug/L	1668410	3	11.29	464362	5.0
Benzene, 2-etheny...	12.77	6.3	ug/L	582958	3	11.29	464362	5.0
Benzene, 2-butenyl-	12.93	28.8	ug/L	2674580	3	11.29	464362	5.0
Benzene, 1-methyl...	13.04	1.1	ug/L	100755	3	11.29	464362	5.0
Naphthalene, 1,2,...	13.09	0.8	ug/L	71646	3	11.29	464362	5.0
Benzene, 1-ethyl-...	13.31	2.2	ug/L	203630	3	11.29	464362	5.0
Benzene, 1,3-dime...	13.77	0.6	ug/L	53696	3	11.29	464362	5.0
Benzene, pentamet...	14.28	0.7	ug/L	61222	3	11.29	464362	5.0
Naphthalene, 1-me...	14.68	2.5	ug/L	230987	3	11.29	464362	5.0
Benzocycloheptatr...	14.86	1.5	ug/L	136603	3	11.29	464362	5.0