LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT63

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_U\METHOD\SOMUTR011321WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC: VU042016.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	72	81	92	rVB	68716	77432	5.15%	0.891%
2	1.919	172	180	192	rVB	63635	80851	5.38%	0.930%
3	2.565	371	381	394	rVB	108995	174834	11.64%	2.012%
4	4.668	1013	1035	1094	rBV	63478	290840	19.36%	3.347%
5	5.076	1143	1162	1187	rBV	100368	234051	15.58%	2.693%
6	5.738	1342	1368	1388	rBV2	204387	528636	35.19%	6.083%
7	6.259	1514	1530	1550	rBV	165360	312472	20.80%	3.596%
8	6.549	1599	1620	1642	rBV	795513	1502368	100.00%	17.289%
9	6.700	1653	1667	1688	rVB	121289	236688	15.75%	2.724%
10	7.571	1925	1938	1954	rBV	62669	108746	7.24%	1.251%
11	7.902	2026	2041	2058	rBV	238454	412246	27.44%	4.744%
12	8.182	2118	2128	2142	rBV	37715	63124	4.20%	0.726%
13	8.555	2233	2244	2258	rVB2	50482	83510	5.56%	0.961%
14	8.648	2258	2273	2304	rBV2	249350	612641	40.78%	7.050%
15	9.420	2501	2513	2532	rBV	201047	331036	22.03%	3.810%
16	10.758	2917	2929	2942	rVB	90178	148091	9.86%	1.704%
17	11.809	3238	3256	3272	rBV	187935	293612	19.54%	3.379%
18	12.188	3362	3374	3388	rBV	199730	323608	21.54%	3.724%
19	12.458	3448	3458	3462	rBV	20948	29890	1.99%	0.344%
20	12.487	3462	3467	3480	rVB	29154	41812	2.78%	0.481%
21	12.561	3480	3490	3502	rBV	73115	109951	7.32%	1.265%
22	12.693	3517	3531	3545	rBV6	11654	27465	1.83%	0.316%
23	12.873	3574	3587	3598	rBV2	60731	103244	6.87%	1.188%
24	12.963	3598	3615	3623	rBV	160928	249152	16.58%	2.867%
25	13.018	3623	3632	3646	rVB	278694	418606	27.86%	4.817%
26	13.095	3646	3656	3661	rBV2	13172	20855	1.39%	0.240%
27	13.127	3661	3666	3670	rVV3	16283	22053	1.47%	0.254%
28	13.156	3670	3675	3687	rVB	20260	28207	1.88%	0.325%
29	13.282	3699	3714	3725	rVB3	67332	113929	7.58%	1.311%
30	13.339	3725	3732	3740	rBV3	13039	18227	1.21%	0.210%
31	13.394	3740	3749	3754	rVV4	34187	56225	3.74%	0.647%
32	13.439	3754	3763	3788	rVV4	259338	507041	33.75%	5.835%
33	13.548	3788	3797	3810	rVV	42946	67158	4.47%	0.773%
34	13.716	3841	3849	3861	rBV3	13650	23398	1.56%	0.269%
35	13.822	3871	3882	3887	rBV3	93403	150568	10.02%	1.733%
36	13.954	3911	3923	3933	rVB	53197	87223	5.81%	1.004%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT63

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_U\METHOD\SOMUTR011321WMA.M
Title : TRACE VOA SOM01.0

37	14.076	3946	3961	3984	rBV	303353	512580	34.12%	5.899%
38	14.282	4010	4025	4035	rBV3	19582	36071	2.40%	0.415%
39	14.474	4077	4085	4095	rVB	19555	28078	1.87%	0.323%
40	14.658	4131	4142	4153	rBV4	13440	25385	1.69%	0.292%
41	14.796	4173	4185	4197	rBV	33966	51674	3.44%	0.595%
42	15.208	4302	4313	4326	rBV	61880	95057	6.33%	1.094%
43	15.397	4358	4372	4381	rBV2	30205	51039	3.40%	0.587%

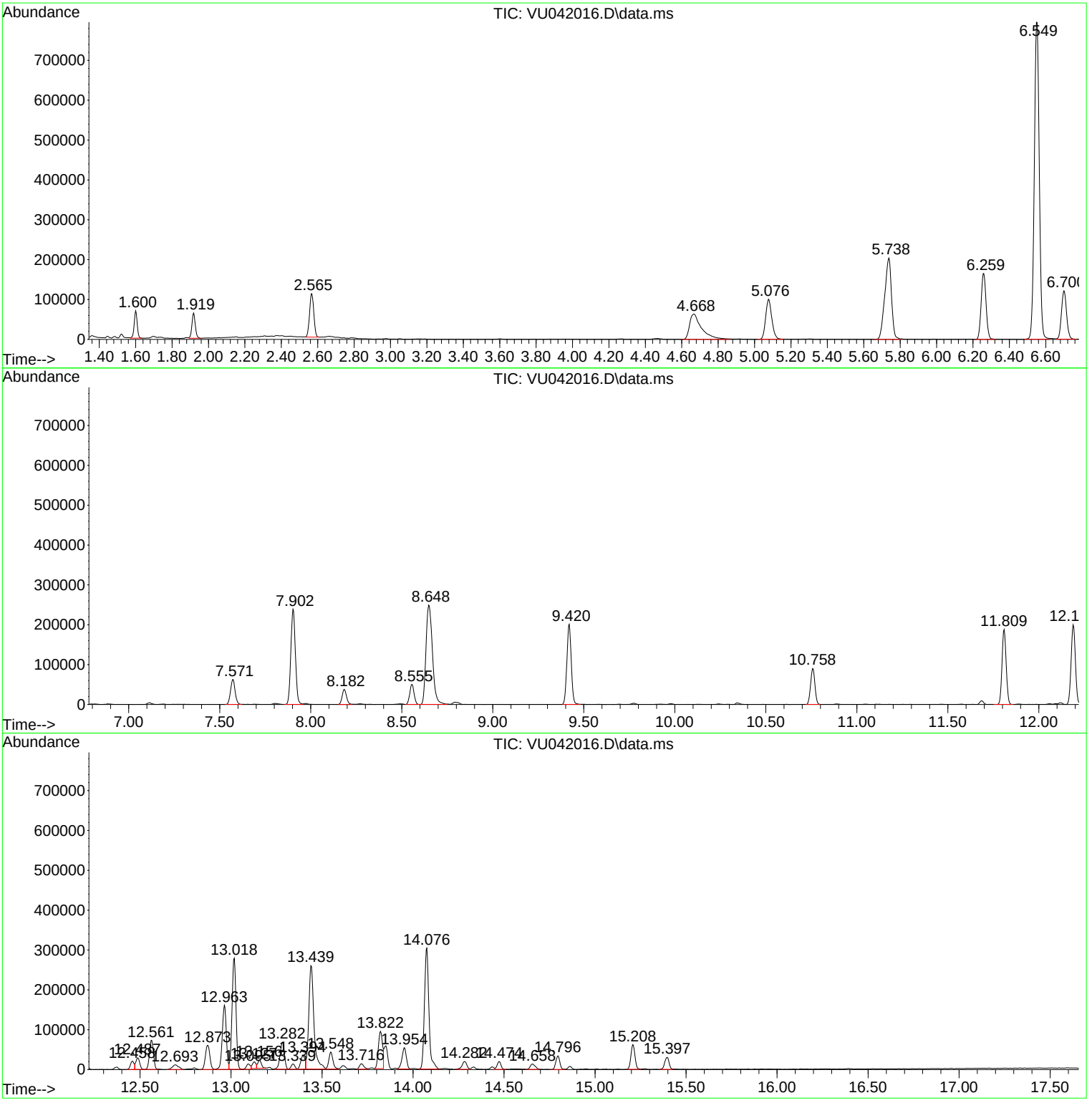
Sum of corrected areas: 8689674

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

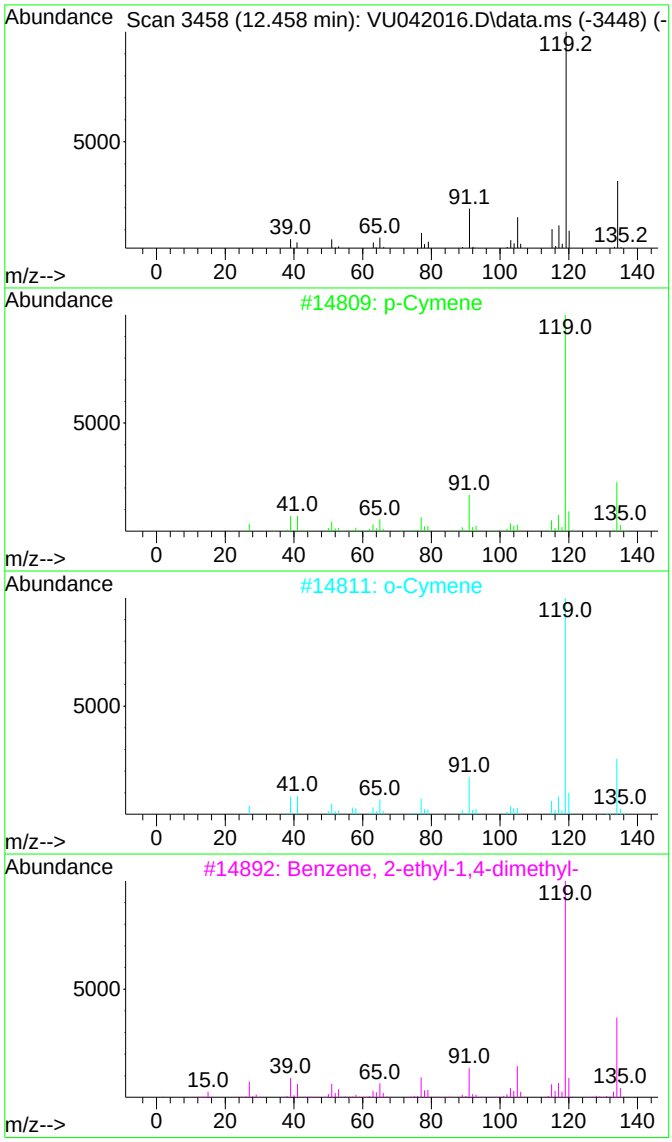
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

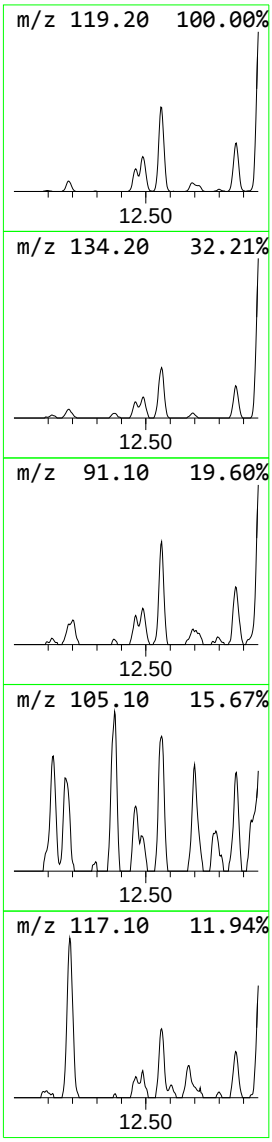
****

Peak Number 2 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.459	0.51 ug/L	29890	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

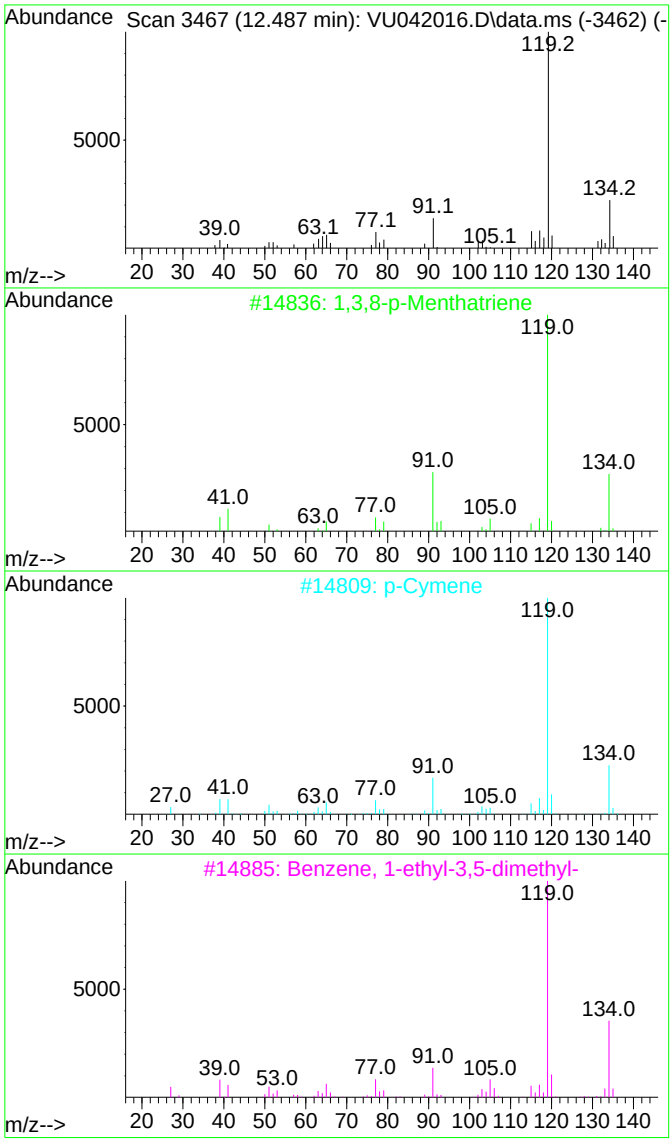
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

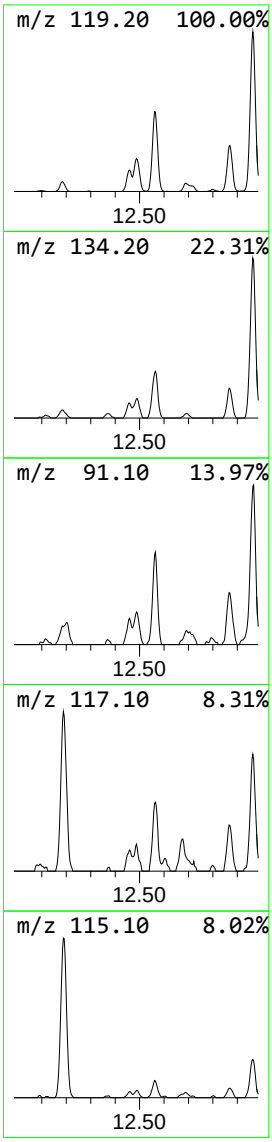
****

Peak Number 3 1,3,8-p-Menthatriene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.487	0.71 ug/L	41812	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	80
2	p-Cymene	134	C10H14	000099-87-6	72
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	72
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

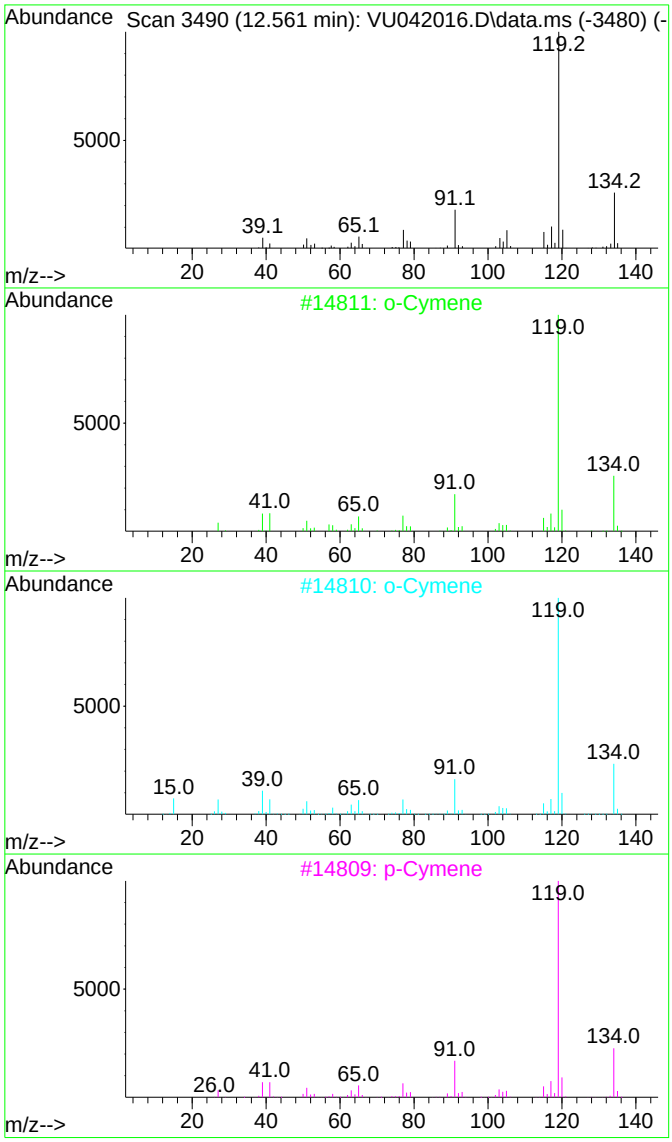
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

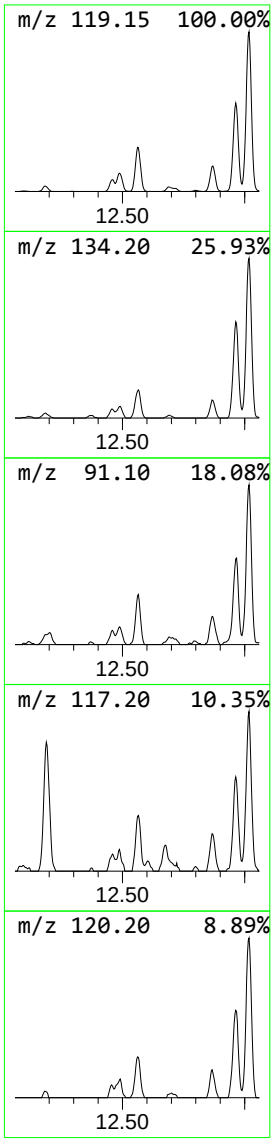
****

Peak Number 4 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.561	1.87 ug/L	109951	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	p-Cymene	134	C10H14	000099-87-6	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

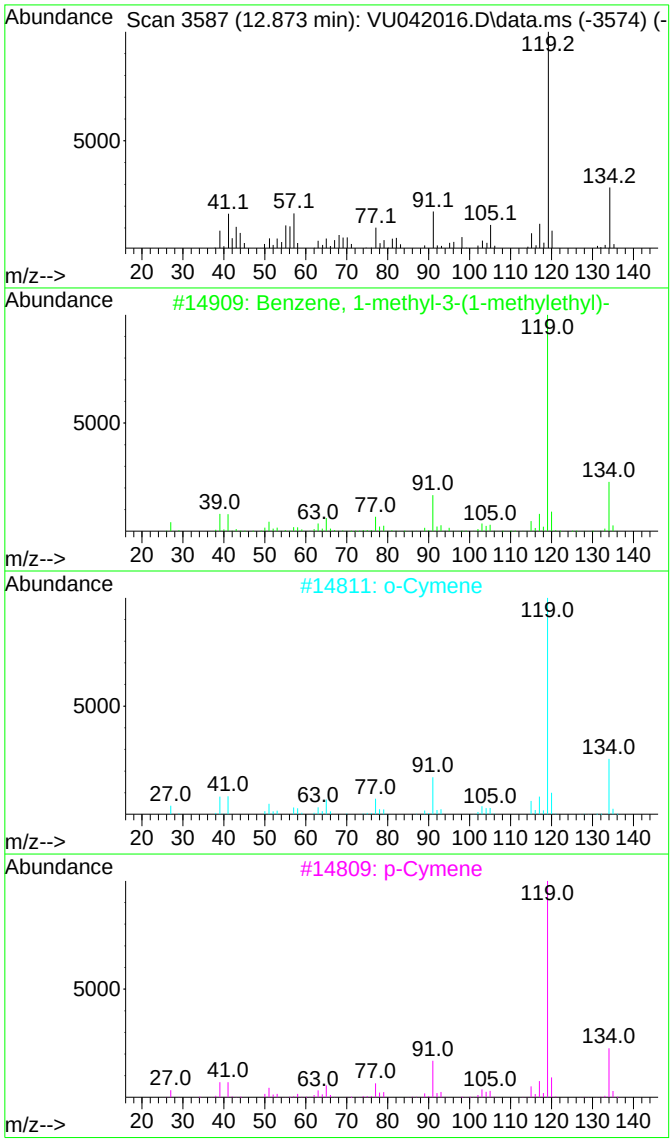
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

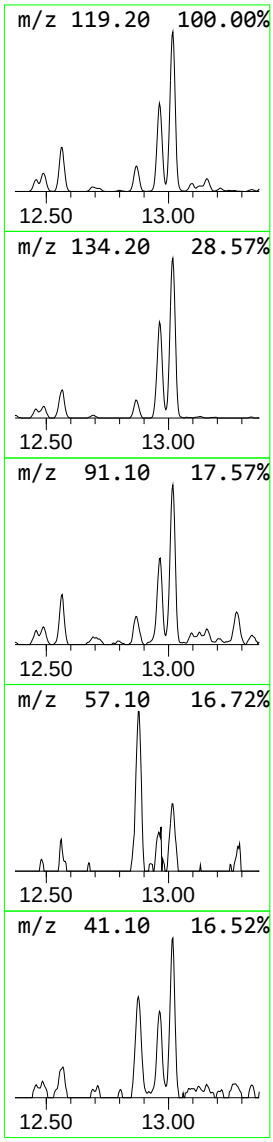
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	1.76 ug/L	103244	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
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	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

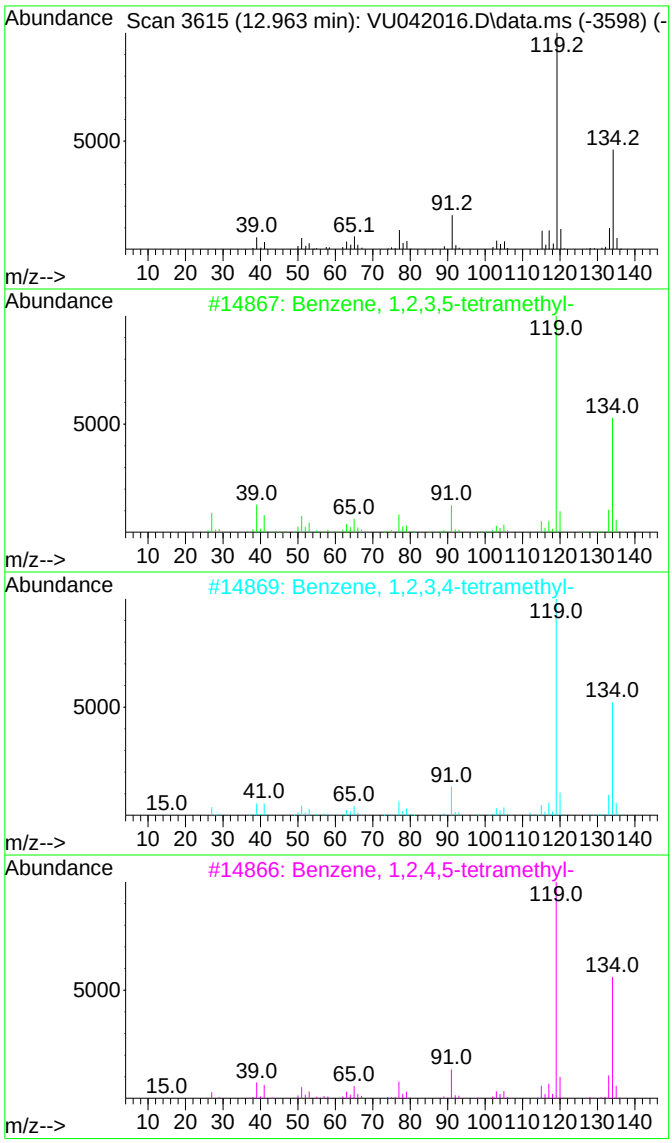
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

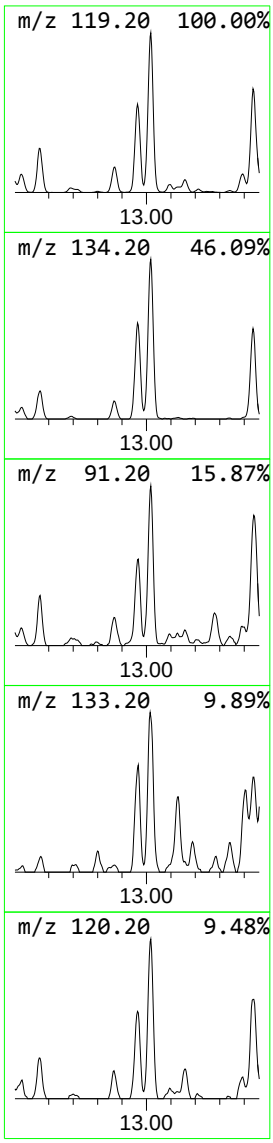
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	4.24 ug/L	249152	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

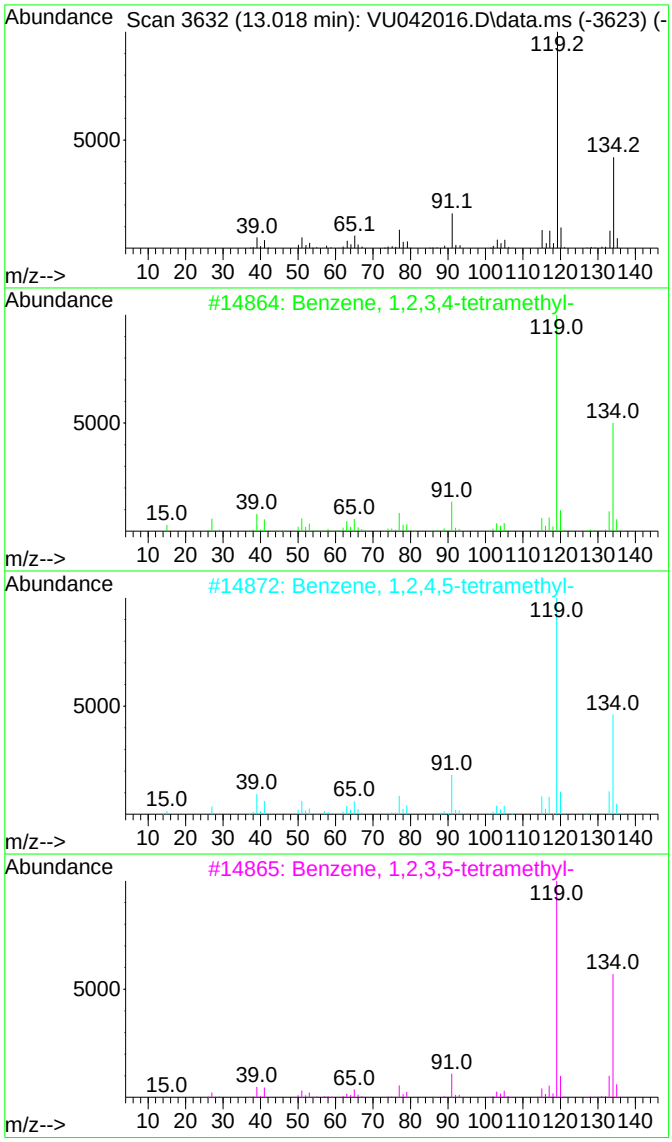
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

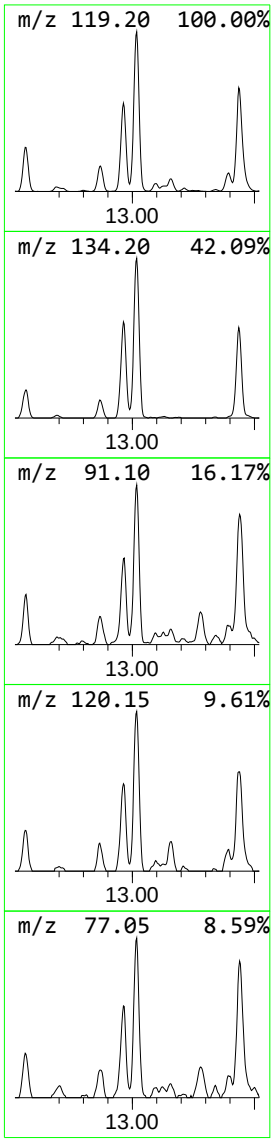
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.018	7.13 ug/L	418606	1,4-Dichlorobenzene-d4	11.809

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
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Sample : M1129-04
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Instrument :
MSVOA_U
ClientSampleId :
BFT63

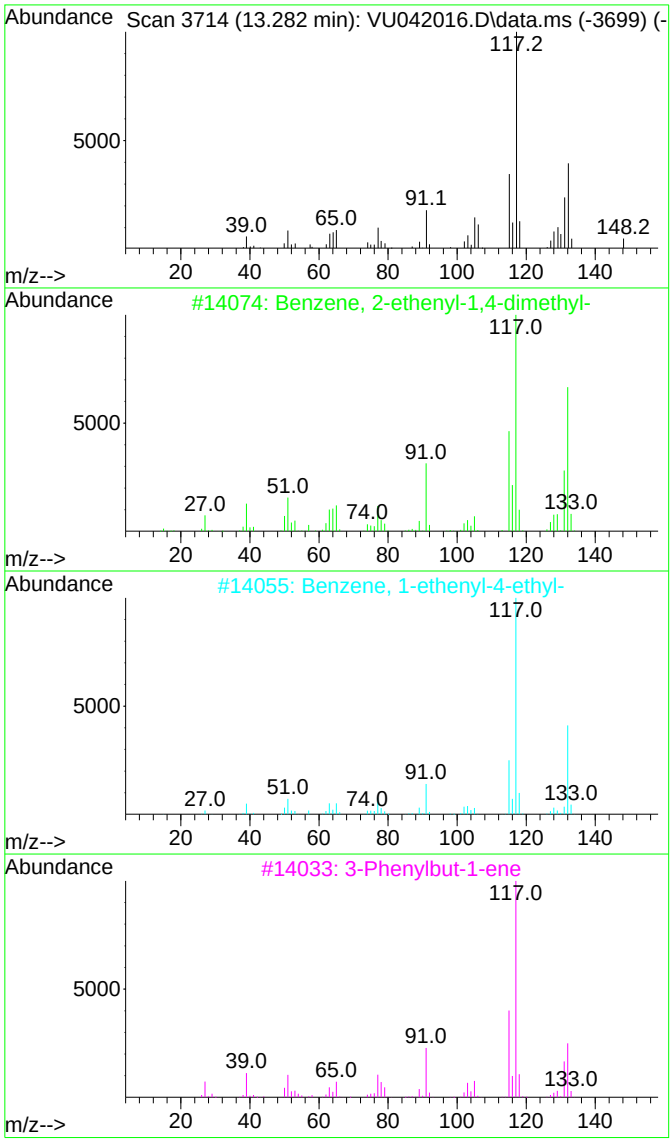
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

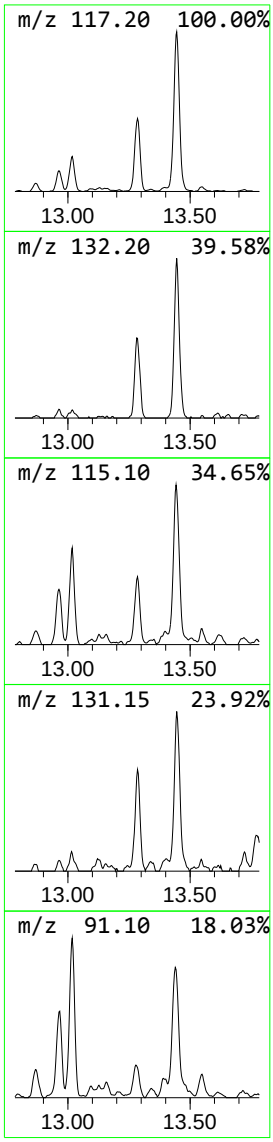
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.282	1.94 ug/L	113929	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

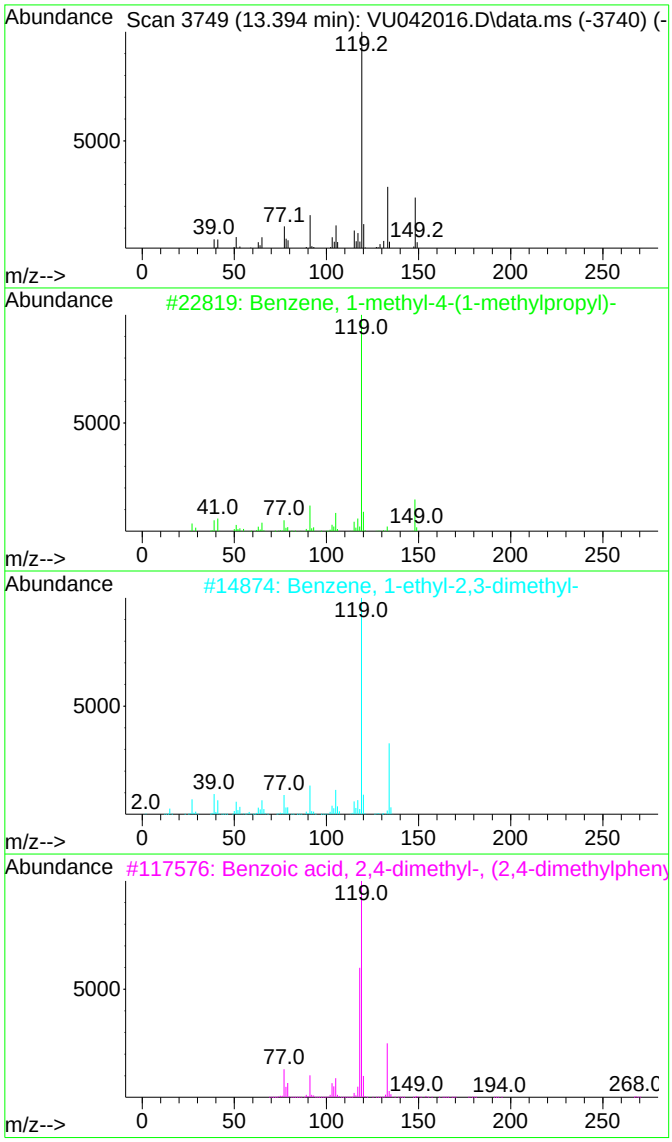
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

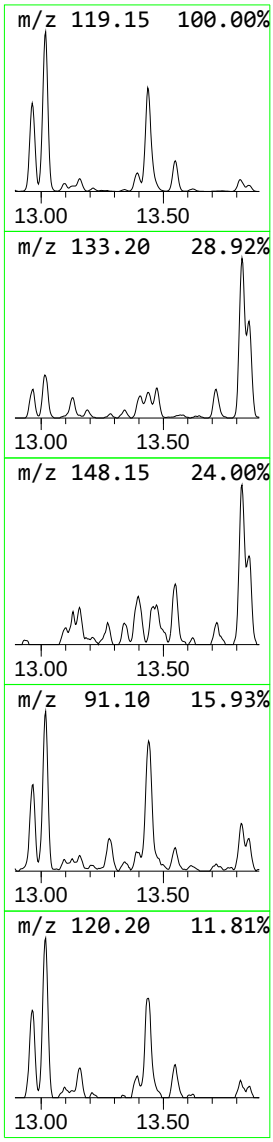
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.394	0.96 ug/L	56225	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	64
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

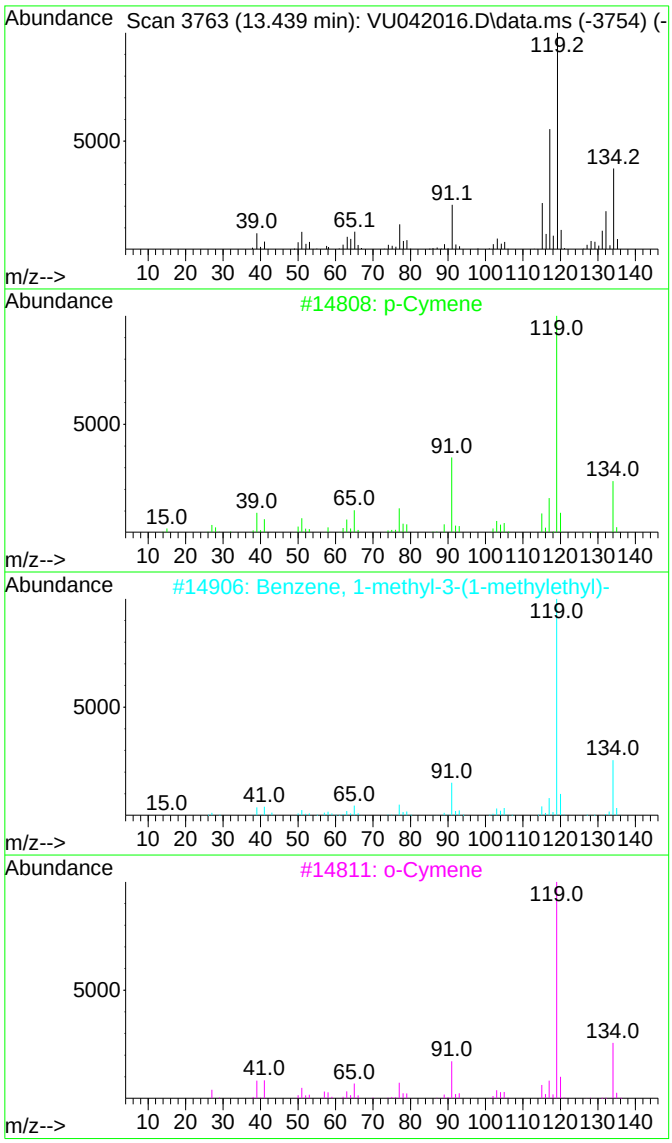
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

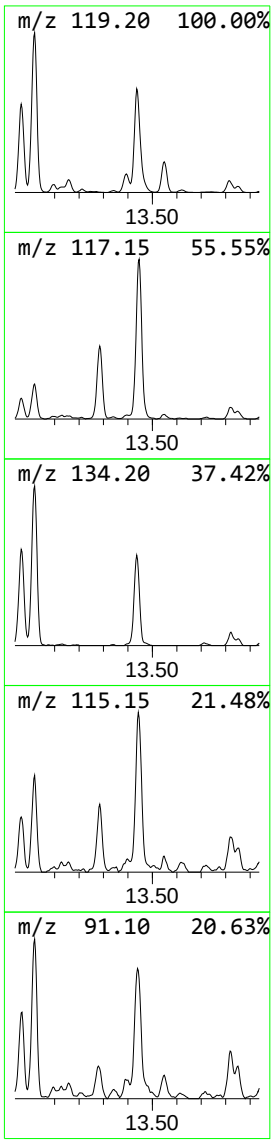
****

Peak Number 10 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	8.63 ug/L	507041	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	p-Cymene	134	C10H14	000099-87-6	60
5	o-Cymene	134	C10H14	000527-84-4	60





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Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

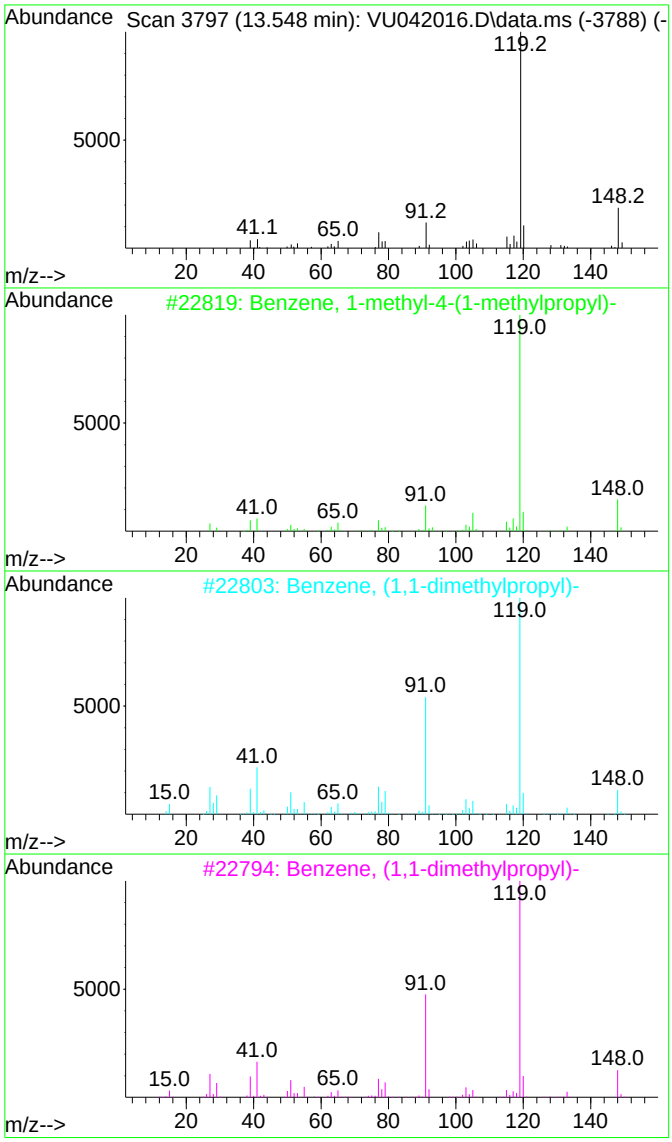
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

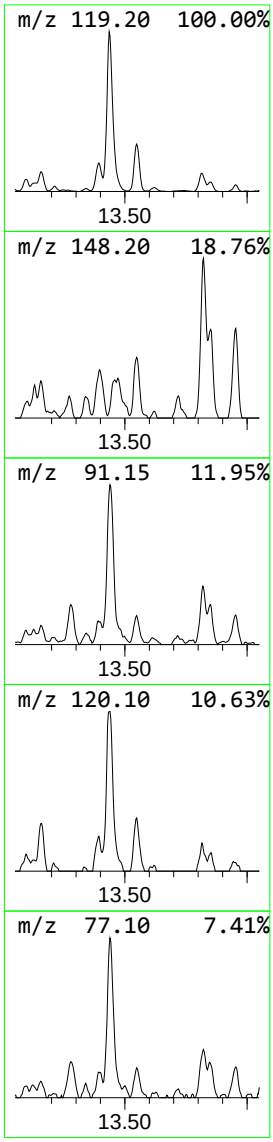
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (1,1-dimethylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.549	1.14 ug/L	67158	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72





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Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

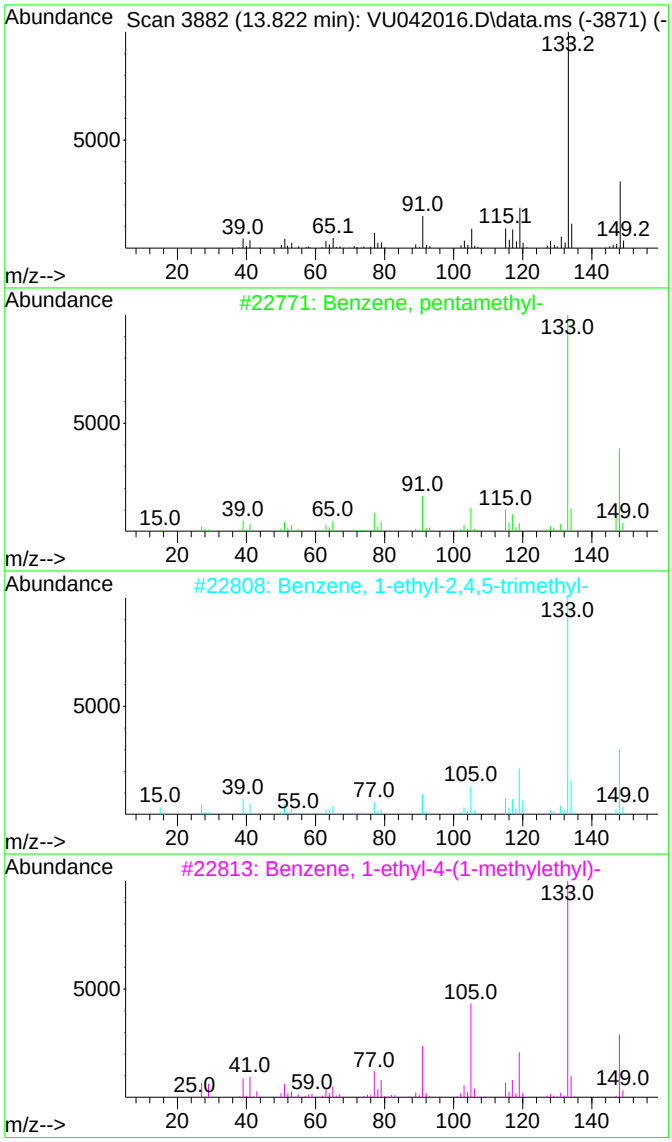
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

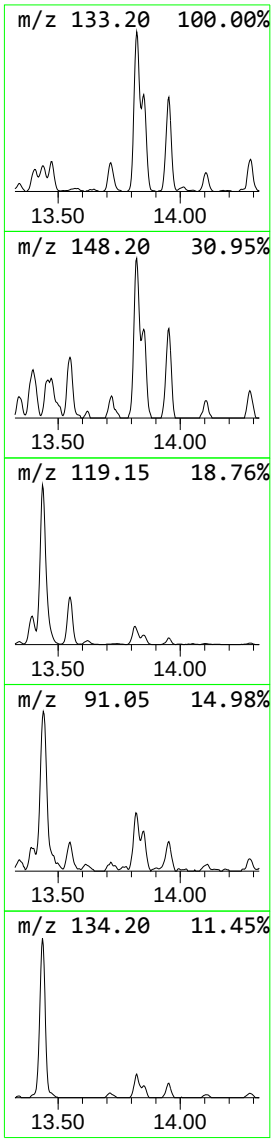
****

Peak Number 12 Benzene, pentamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	2.56 ug/L	150568	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	93
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

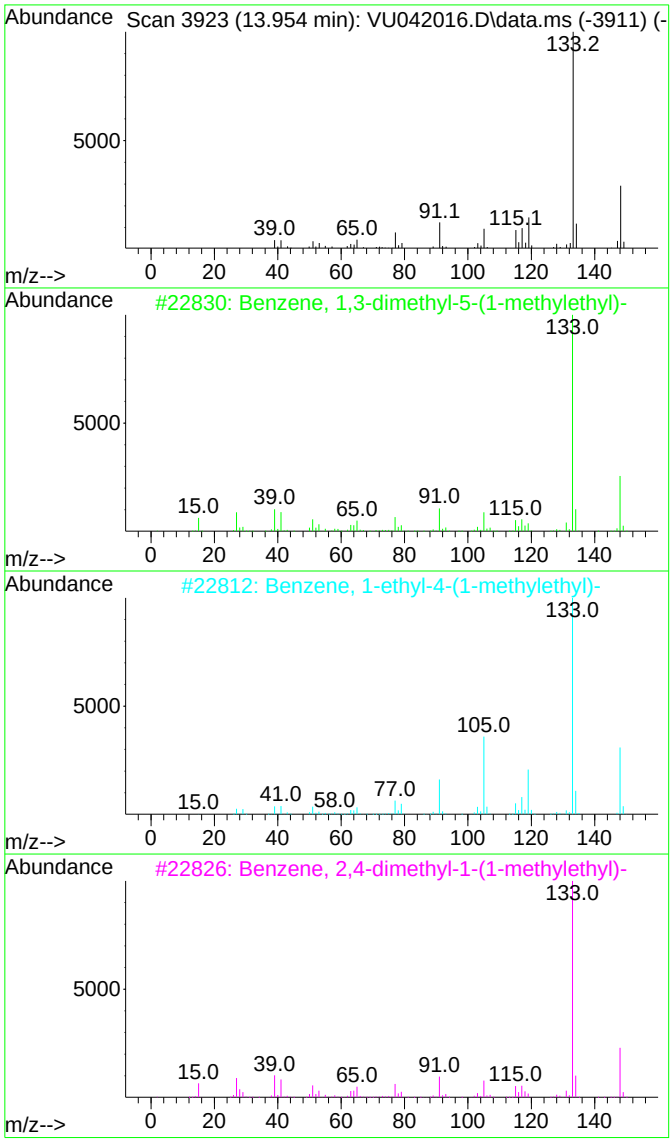
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

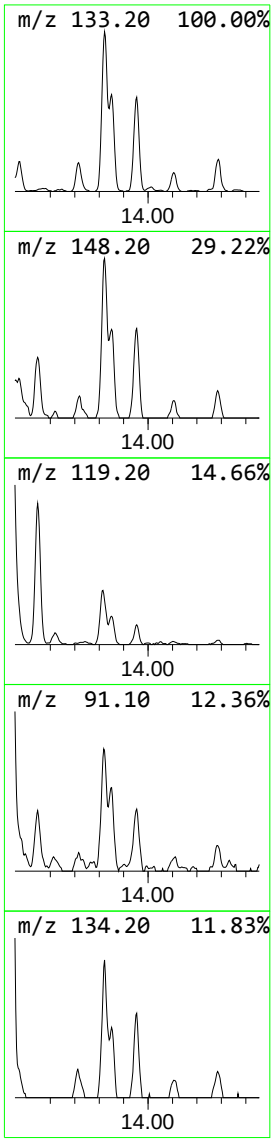
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.954	1.49 ug/L	87223	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

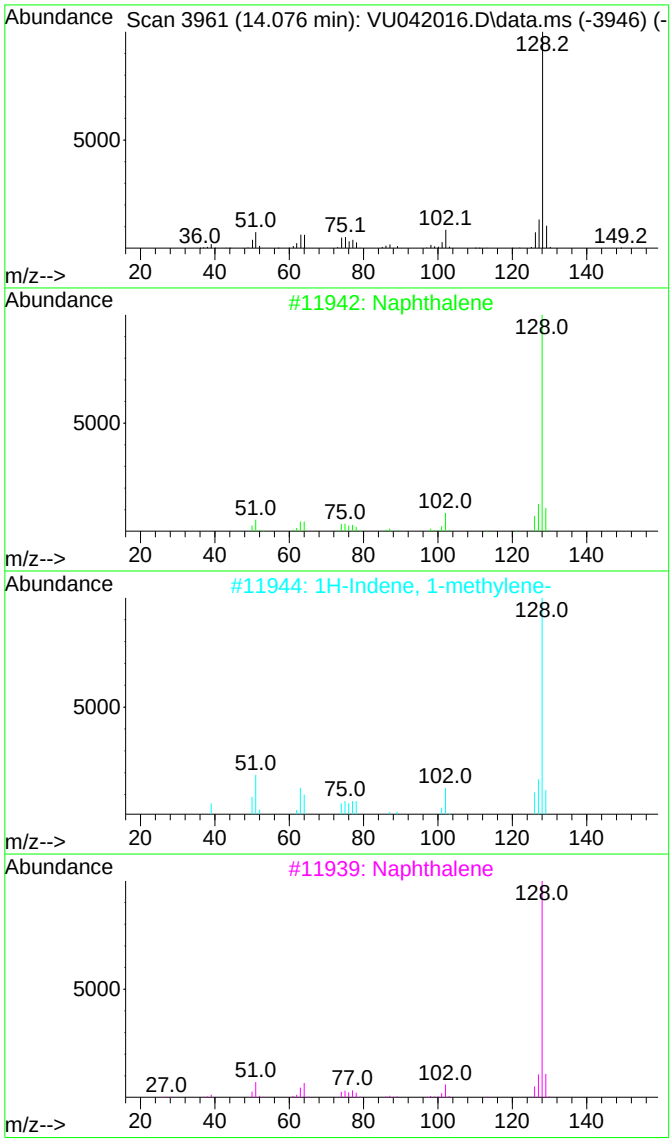
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

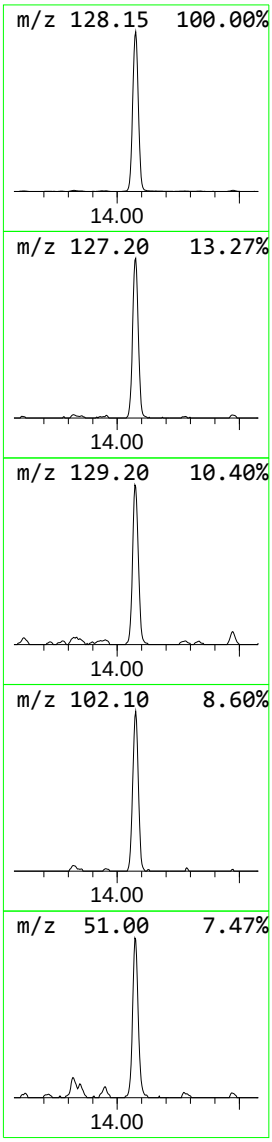
****

Peak Number 14 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.076	8.73 ug/L	512580	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Naphthalene	128	C10H8	000091-20-3	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

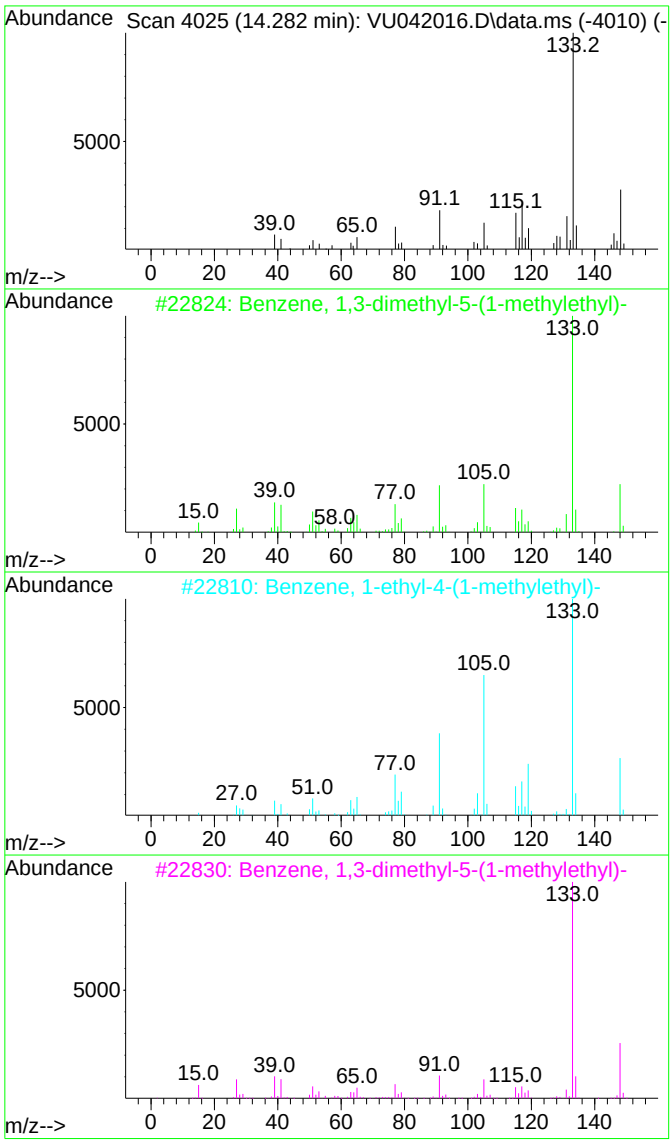
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

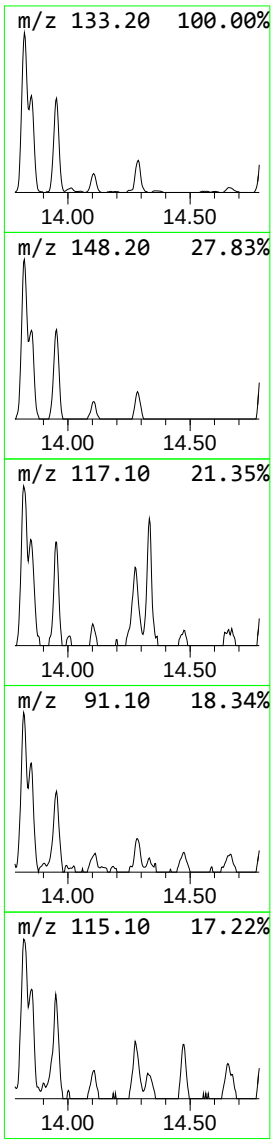
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.282	0.61 ug/L	36071	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	72
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	64
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

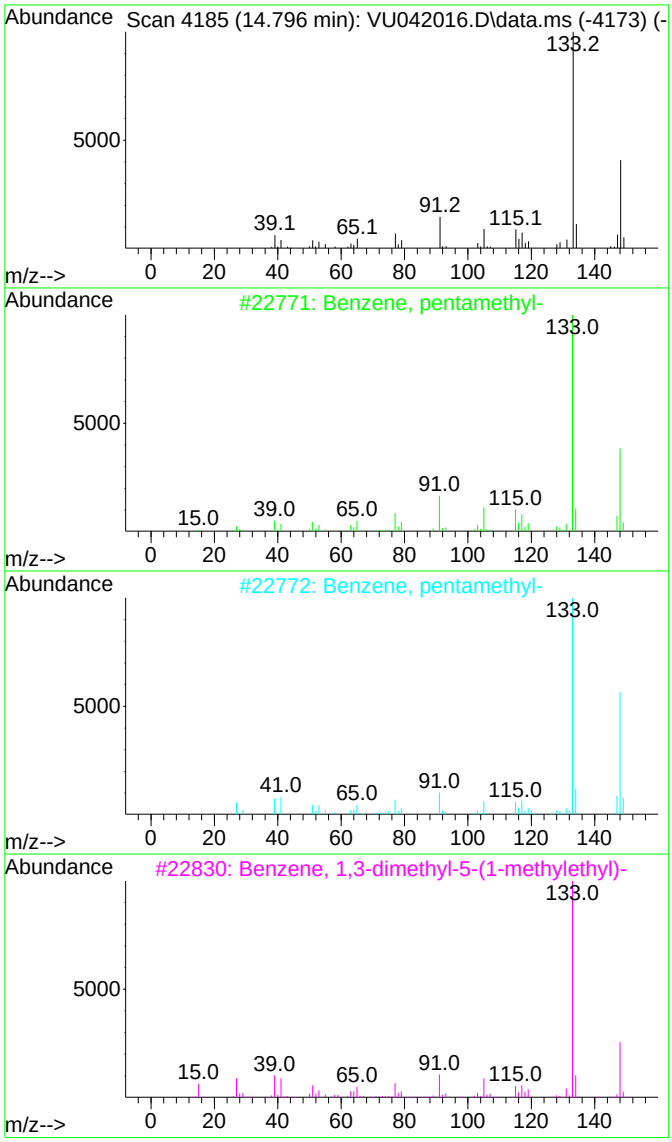
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

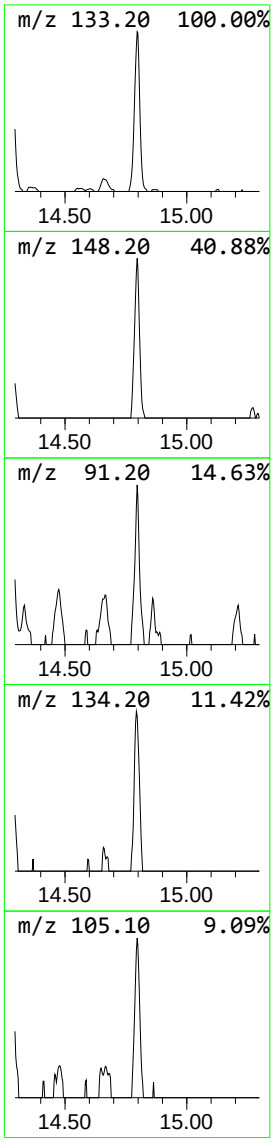
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.796	0.88 ug/L	51674	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	96
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	94
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

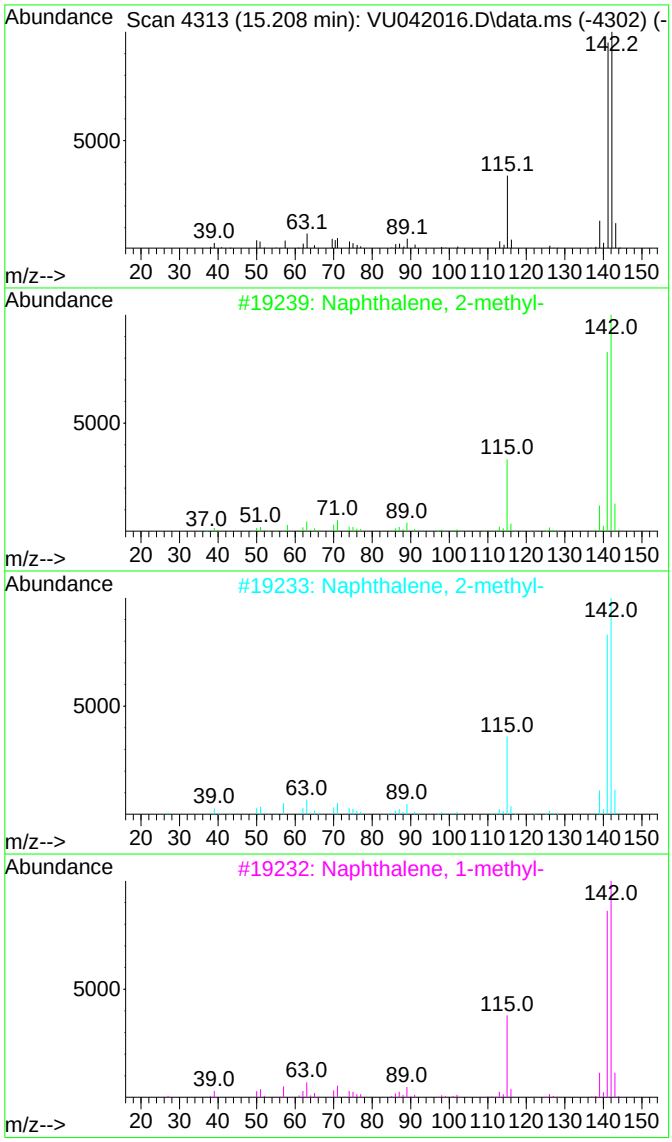
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

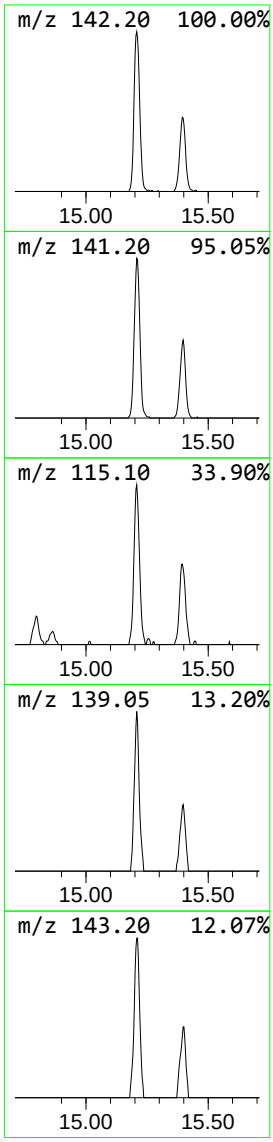
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	1.62 ug/L	95057	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT63

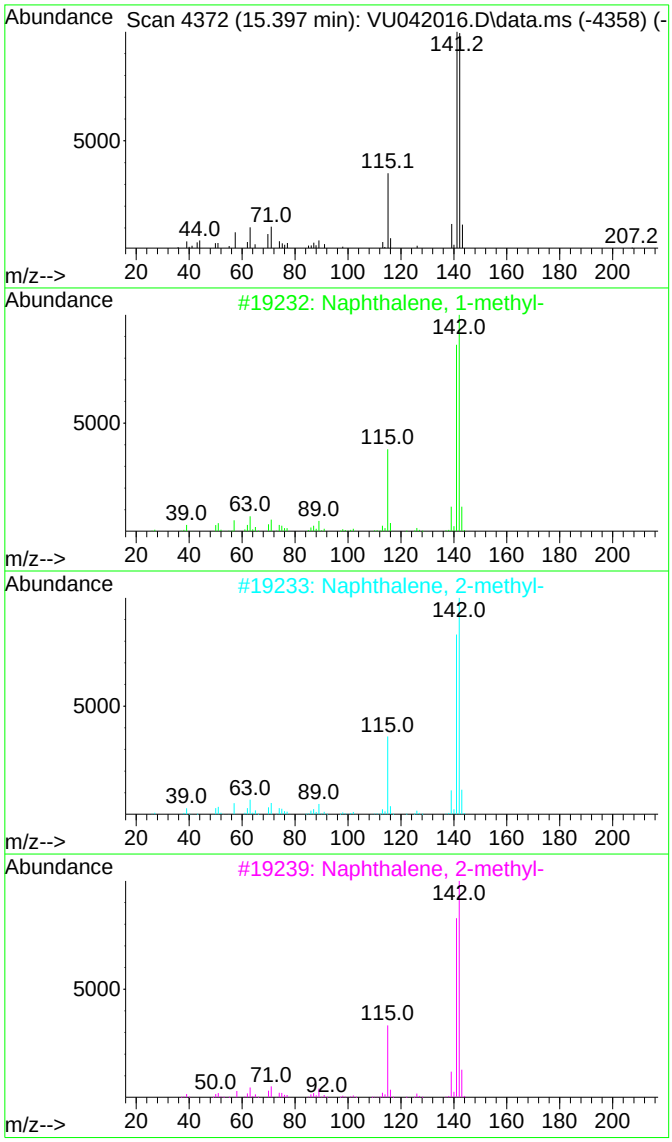
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

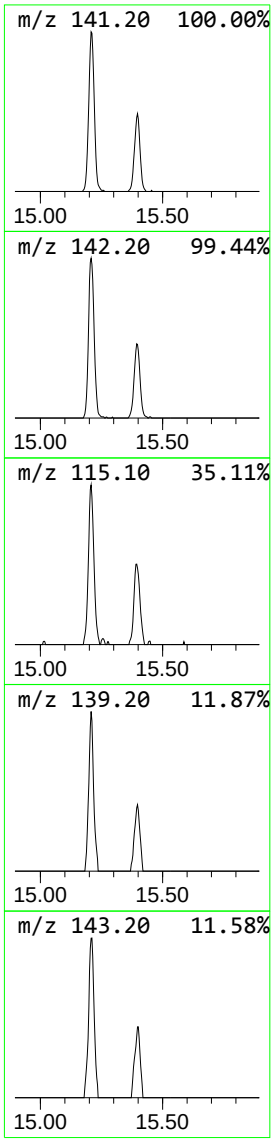
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.397	0.87 ug/L	51039	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042016.D
Acq On : 14 Jan 2021 05:52
Operator : SY/MD
Sample : M1129-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.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
p-Cymene	12.459	0.5	ug/L	29890	3	11.809	293612	5.0
1,3,8-p-Menthat...	12.487	0.7	ug/L	41812	3	11.809	293612	5.0
o-Cymene	12.561	1.9	ug/L	109951	3	11.809	293612	5.0
Benzene, 1-meth...	12.873	1.8	ug/L	103244	3	11.809	293612	5.0
Benzene, 1,2,3,...	12.963	4.2	ug/L	249152	3	11.809	293612	5.0
Benzene, 1,2,3,...	13.018	7.1	ug/L	418606	3	11.809	293612	5.0
Benzene, 2-ethe...	13.282	1.9	ug/L	113929	3	11.809	293612	5.0
Benzene, 1-meth...	13.394	1.0	ug/L	56225	3	11.809	293612	5.0
unknown-01	13.439	8.6	ug/L	507041	3	11.809	293612	5.0
Benzene, (1,1-d...	13.549	1.1	ug/L	67158	3	11.809	293612	5.0
Benzene, pentam...	13.822	2.6	ug/L	150568	3	11.809	293612	5.0
Benzene, 1,3-di...	13.954	1.5	ug/L	87223	3	11.809	293612	5.0
Azulene	14.076	8.7	ug/L	512580	3	11.809	293612	5.0
Benzene, 1-ethy...	14.282	0.6	ug/L	36071	3	11.809	293612	5.0
Benzene, 2,4-di...	14.796	0.9	ug/L	51674	3	11.809	293612	5.0
Naphthalene, 2-...	15.208	1.6	ug/L	95057	3	11.809	293612	5.0
Naphthalene, 1-...	15.397	0.9	ug/L	51039	3	11.809	293612	5.0