LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.088	137	155	179	rBV	918255	1065209	93.18%	10.414%
2	1.182	179	184	193	rVB	18049	18818	1.65%	0.184%
3	1.391	243	249	262	rVB4	8922	12846	1.12%	0.126%
4	4.233	1124	1133	1153	rVB3	10034	25808	2.26%	0.252%
5	4.889	1320	1337	1353	rBV	176106	397477	34.77%	3.886%
6	4.989	1353	1368	1389	rVB	261059	573306	50.15%	5.605%
7	5.313	1451	1469	1492	rBV	187241	400838	35.07%	3.919%
8	5.892	1634	1649	1671	rBV	357662	701787	61.39%	6.861%
9	6.191	1728	1742	1756	rVB3	18573	36706	3.21%	0.359%
10	7.567	2150	2170	2201	rBV	650061	1143114	100.00%	11.176%
11	9.095	2632	2645	2668	rBV	510616	915059	80.05%	8.946%
12	9.368	2719	2730	2737	rBV5	9495	19311	1.69%	0.189%
13	9.574	2782	2794	2804	rBV4	6464	11782	1.03%	0.115%
14	9.747	2826	2848	2859	rBV7	21938	62338	5.45%	0.609%
15	9.812	2859	2868	2878	rVB5	7852	14072	1.23%	0.138%
16	9.921	2887	2902	2907	rBV6	8896	20827	1.82%	0.204%
17	9.956	2907	2913	2923	rVB4	15920	26962	2.36%	0.264%
18	10.049	2925	2942	2959	rBV10	25418	54914	4.80%	0.537%
19	10.168	2971	2979	2987	rBV2	17714	25488	2.23%	0.249%
20	10.223	2987	2996	3006	rVV2	7868	17201	1.50%	0.168%
21	10.310	3012	3023	3036	rBV	498532	779649	68.20%	7.622%
22	10.377	3037	3044	3052	rVB5	23796	39517	3.46%	0.386%
23	10.500	3074	3082	3089	rVB4	13788	21495	1.88%	0.210%
24	10.593	3102	3111	3122	rBV	22740	36754	3.22%	0.359%
25	10.702	3136	3145	3156	rVB5	17331	32494	2.84%	0.318%
26	10.866	3188	3196	3207	rVB9	8408	16609	1.45%	0.162%
27	10.985	3218	3233	3249	rBV7	17324	43985	3.85%	0.430%
28	11.104	3250	3270	3279	rBV	121774	202286	17.70%	1.978%
29	11.152	3280	3285	3297	rVB10	7176	13609	1.19%	0.133%
30	11.294	3311	3329	3335	rBV	210317	348603	30.50%	3.408%
31	11.326	3335	3339	3352	rVB	136283	199298	17.43%	1.948%
32	11.400	3354	3362	3377	rVB6	9995	22481	1.97%	0.220%
33	11.487	3377	3389	3404	rBV	560390	893691	78.18%	8.737%
34	11.609	3418	3427	3441	rVB8	5976	12982	1.14%	0.127%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Title : SW846 8260

35	11.692	3442	3453	3467	rVV	120170	186994	16.36%	1.828%
36	11.786	3468	3482	3493	rVB	64551	103481	9.05%	1.012%
37	11.863	3493	3506	3529	rVB7	48939	122164	10.69%	1.194%
38	12.001	3532	3549	3564	rBV5	17981	38791	3.39%	0.379%
39	12.252	3614	3627	3634	rBV3	148825	256332	22.42%	2.506%
40	12.297	3634	3641	3652	rVB5	100682	174219	15.24%	1.703%
41	12.377	3652	3666	3681	rBV6	95335	250398	21.90%	2.448%
42	12.438	3681	3685	3693	rVB2	15488	21427	1.87%	0.209%
43	12.503	3693	3705	3709	rBV	38641	66205	5.79%	0.647%
44	12.541	3709	3717	3730	rVB	121113	194802	17.04%	1.905%
45	12.625	3730	3743	3746	rBV3	79659	117426	10.27%	1.148%
46	12.651	3747	3751	3765	rVB	100346	150015	13.12%	1.467%
47	12.725	3765	3774	3782	rBV2	20367	29219	2.56%	0.286%
48	12.789	3786	3794	3804	rVB4	25750	38690	3.38%	0.378%
49	12.882	3813	3823	3830	rBV	25232	39438	3.45%	0.386%
50	12.927	3831	3837	3844	rVB2	11662	16797	1.47%	0.164%
51	13.072	3873	3882	3886	rBV2	12268	18118	1.58%	0.177%
52	13.123	3889	3898	3908	rVB3	57747	94314	8.25%	0.922%
53	13.307	3950	3955	3967	rVB5	8242	14451	1.26%	0.141%
54	13.461	3993	4003	4010	rVB4	7176	11606	1.02%	0.113%
55	13.512	4010	4019	4027	rBV3	18934	28037	2.45%	0.274%
56	13.583	4029	4041	4047	rBV6	15131	30315	2.65%	0.296%
57	13.734	4078	4088	4098	rBV5	10045	17798	1.56%	0.174%

Sum of corrected areas: 10228353

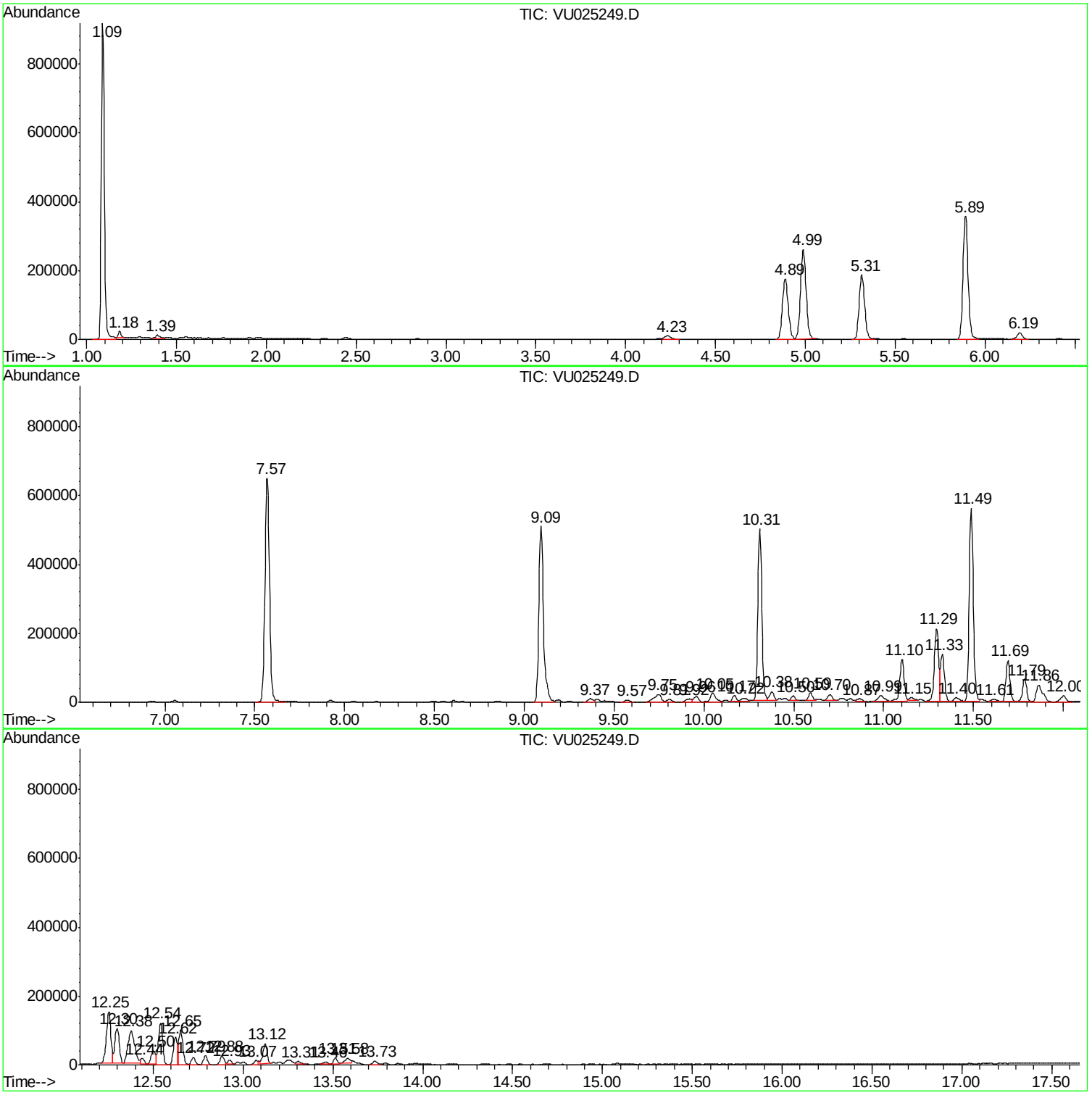
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

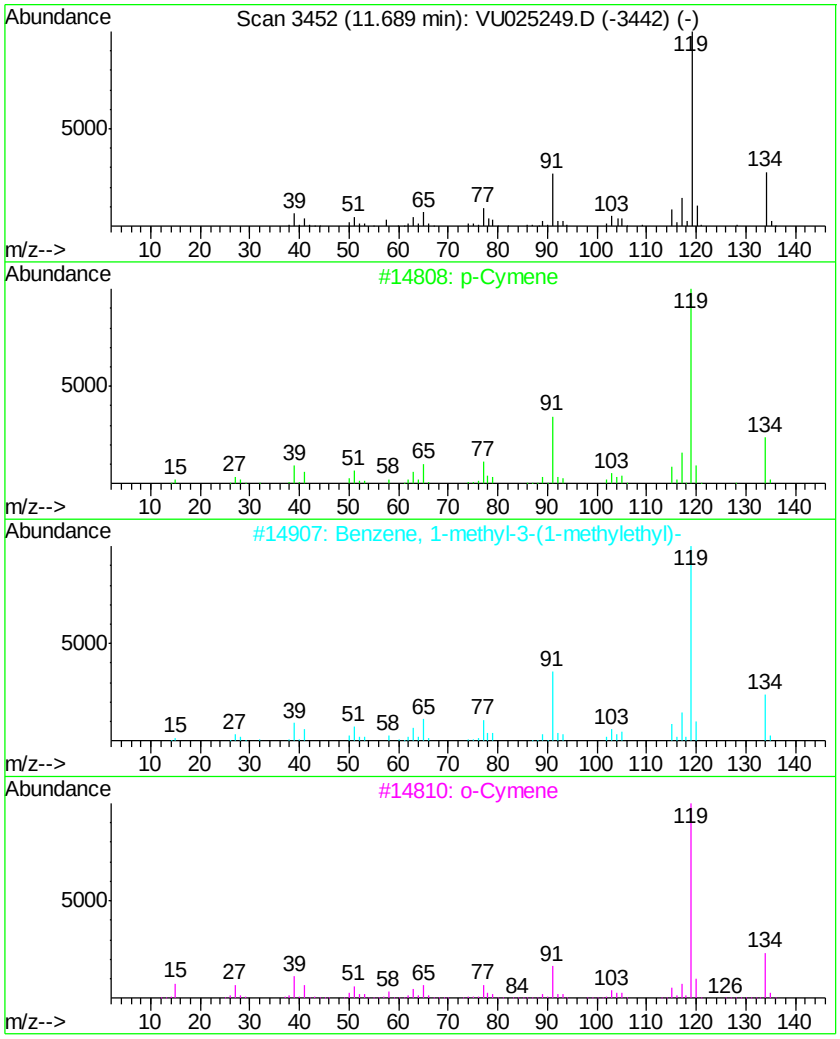
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

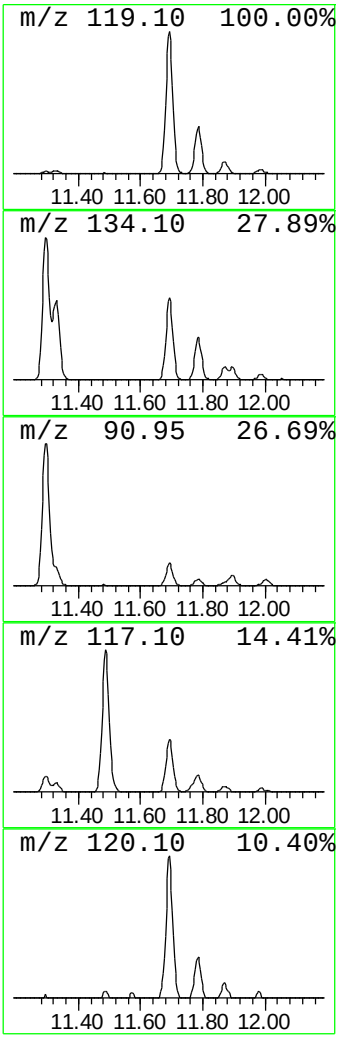
****

Peak Number 2 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	10.46 ug/l	186994	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

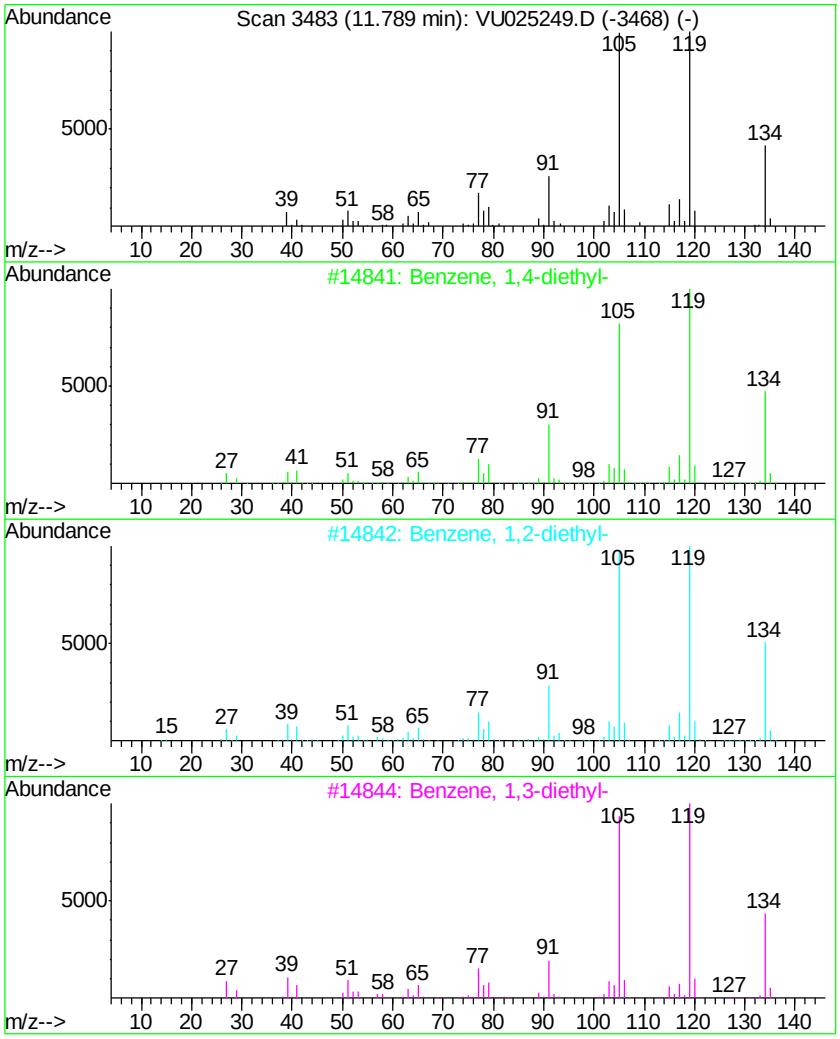
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

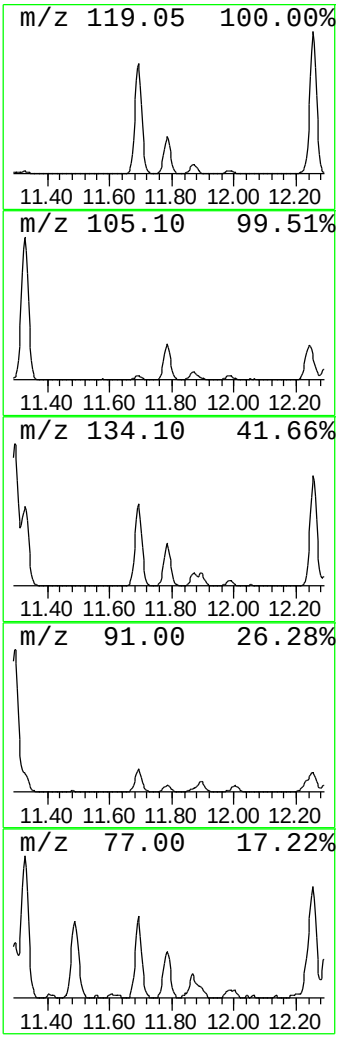
****

Peak Number 3 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.79 ug/l	103481	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

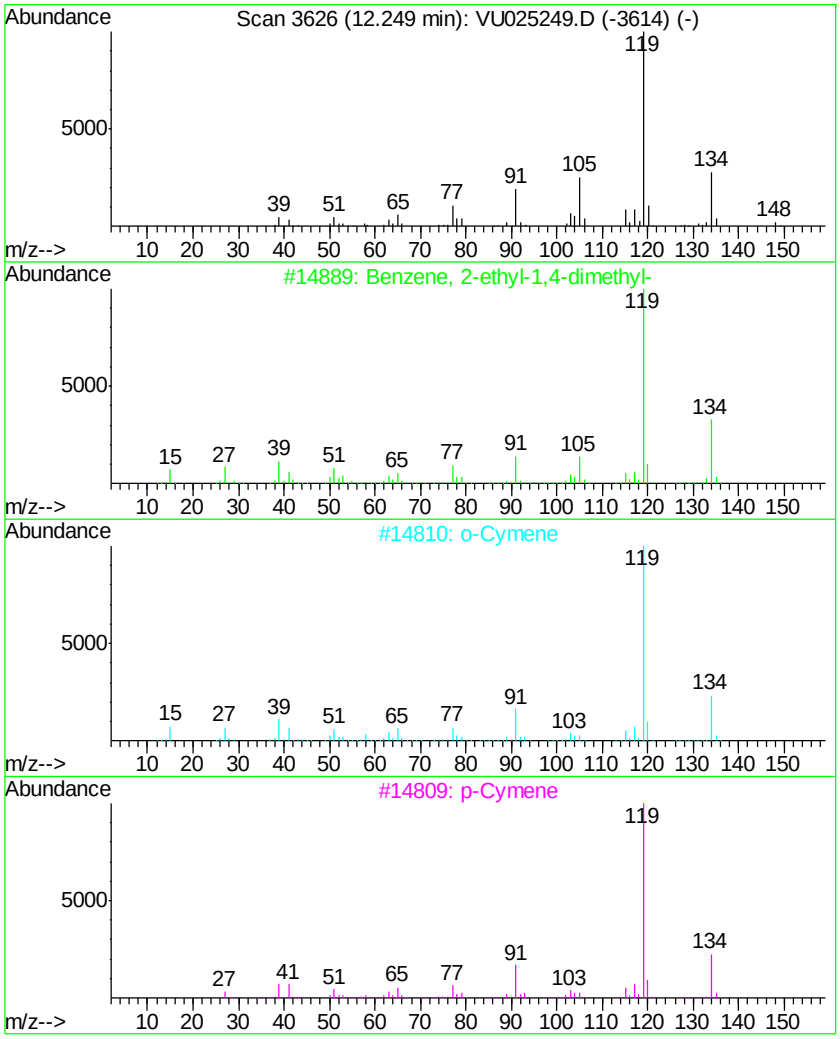
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

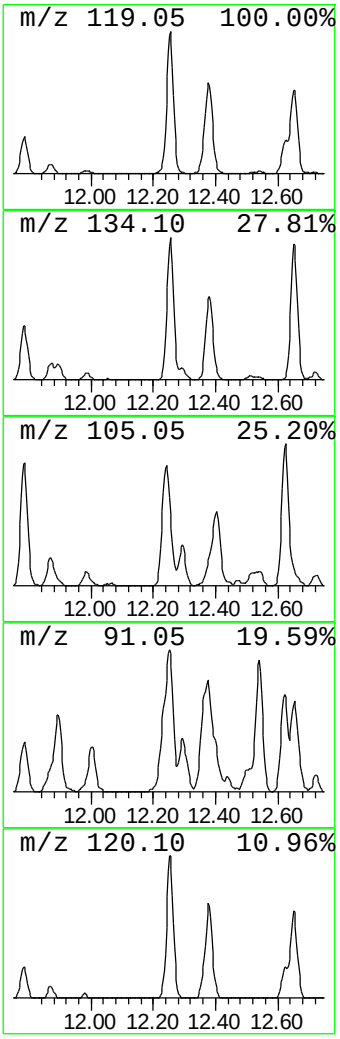
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	14.34 ug/l	256332	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

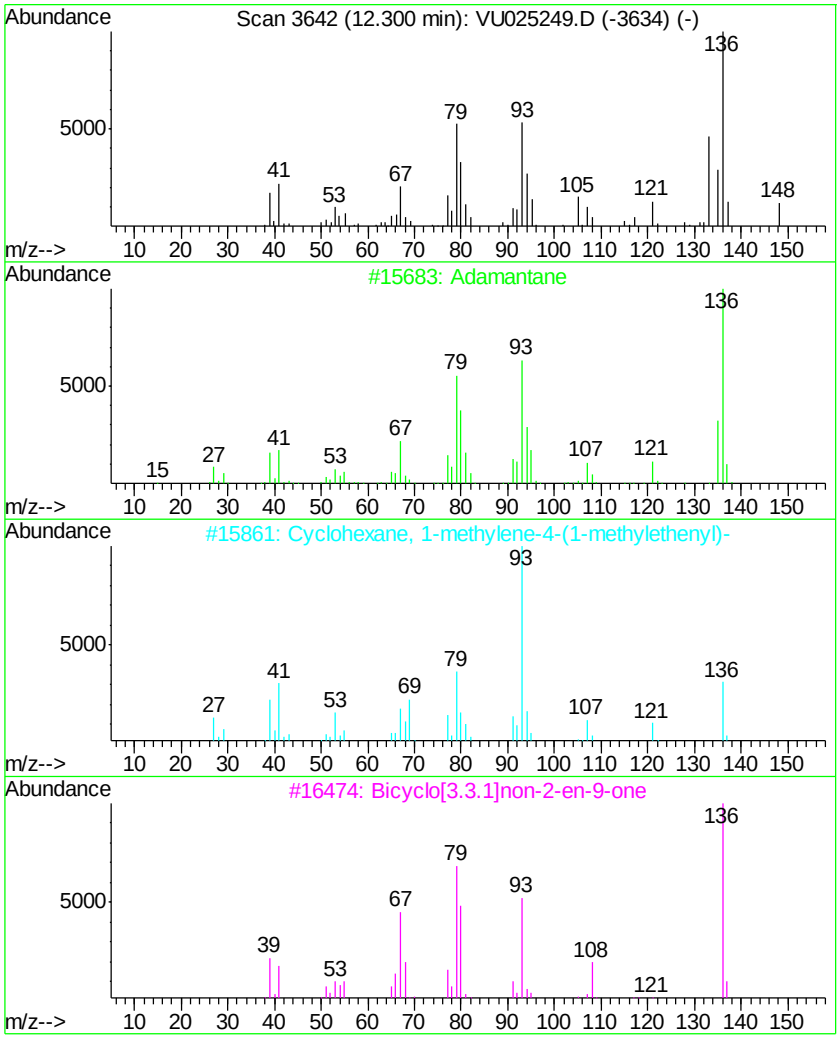
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

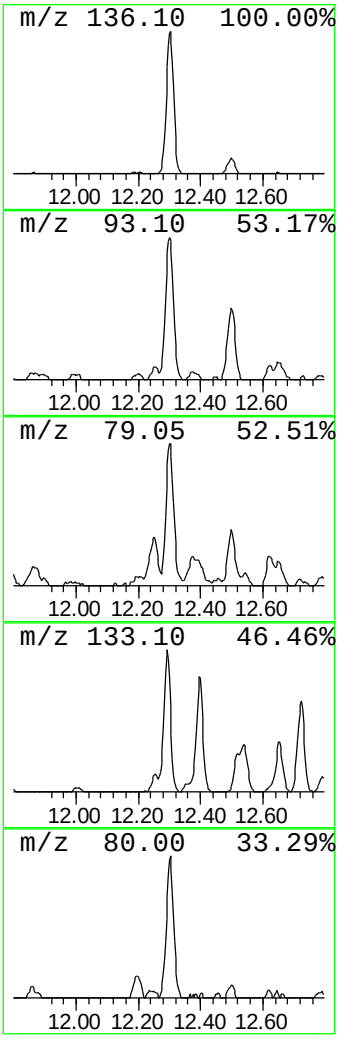
****

Peak Number 5 Adamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	9.75 ug/l	174219	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	98
2	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	70
3	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	58
4	1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	52
5	Cyclohexane, 1-butenylidene-	136	C10H16	036144-40-8	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

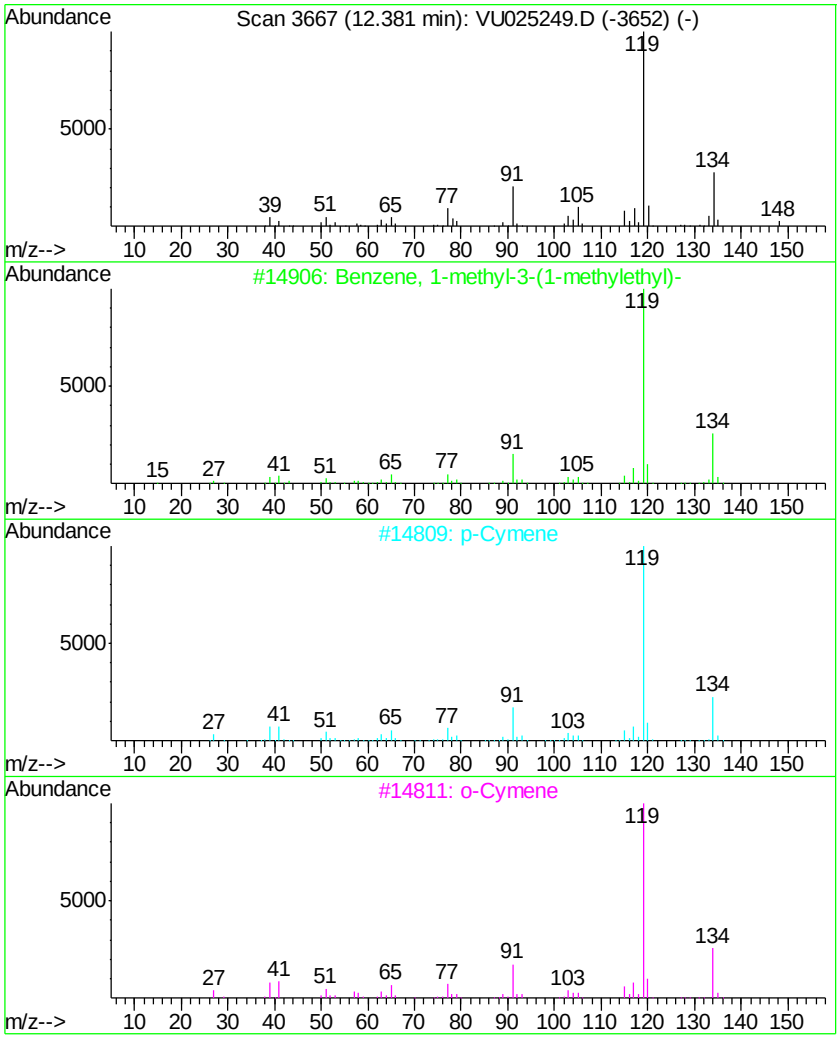
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

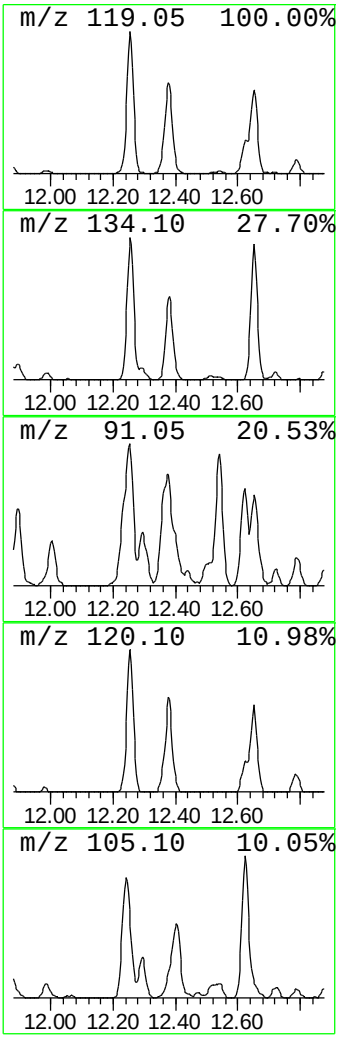
****

Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	14.01 ug/l	250398	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

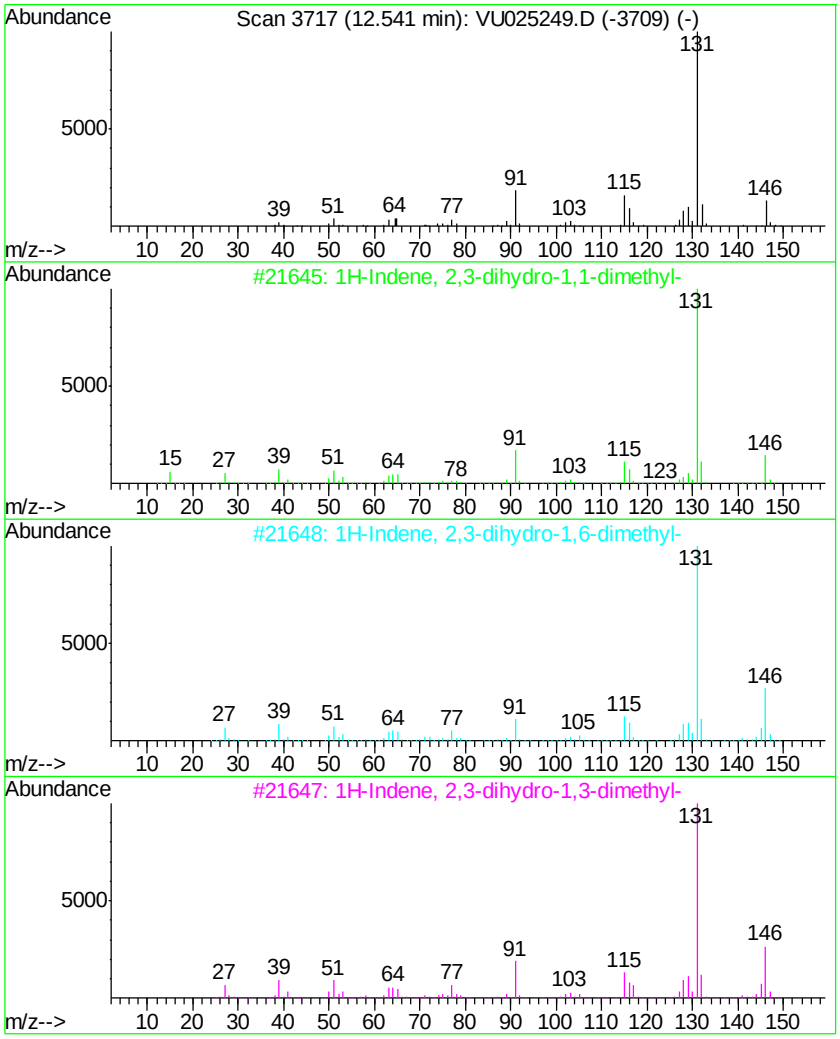
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

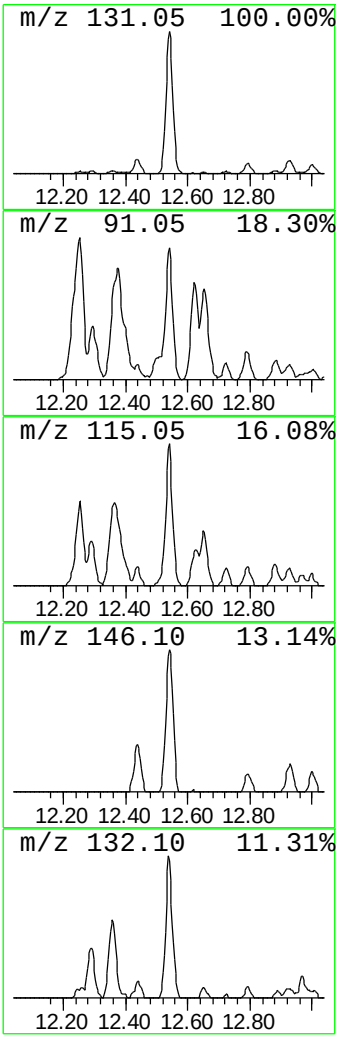
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	10.90 ug/l	194802	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

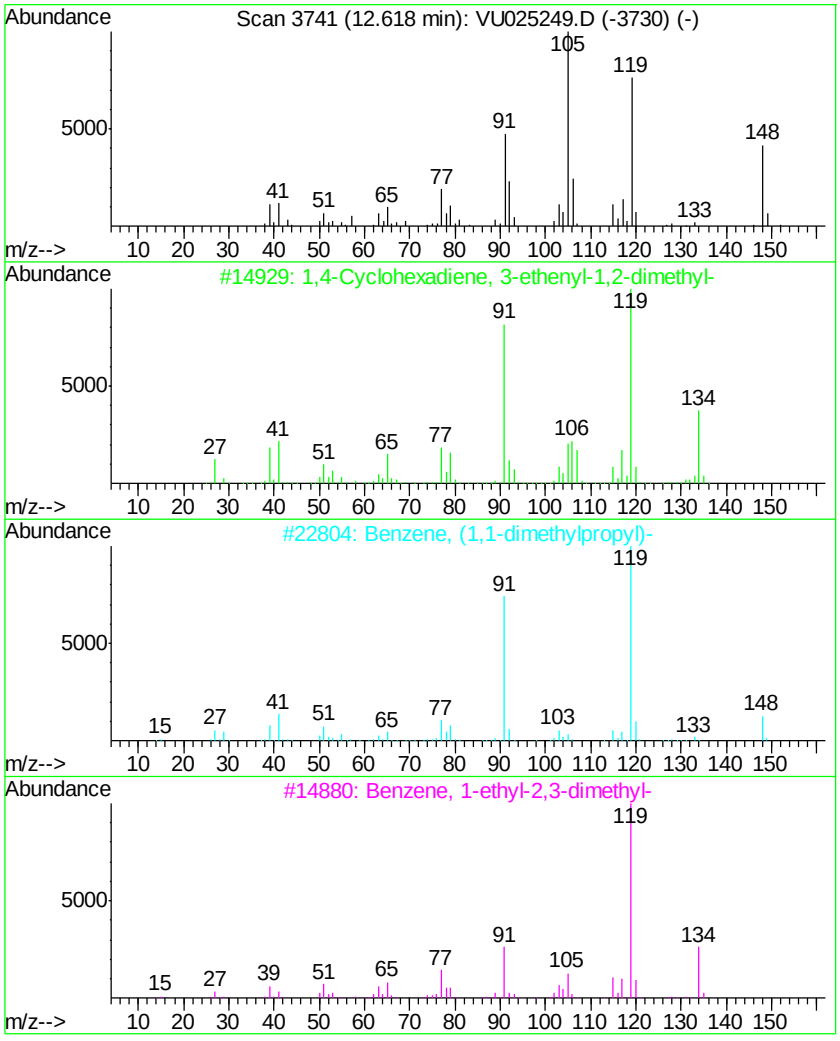
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

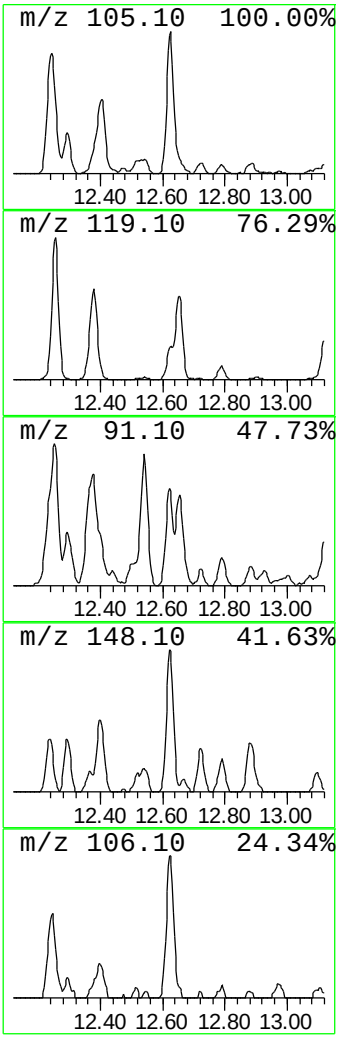
****

Peak Number 8 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	6.57 ug/l	117426	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	50
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	49
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

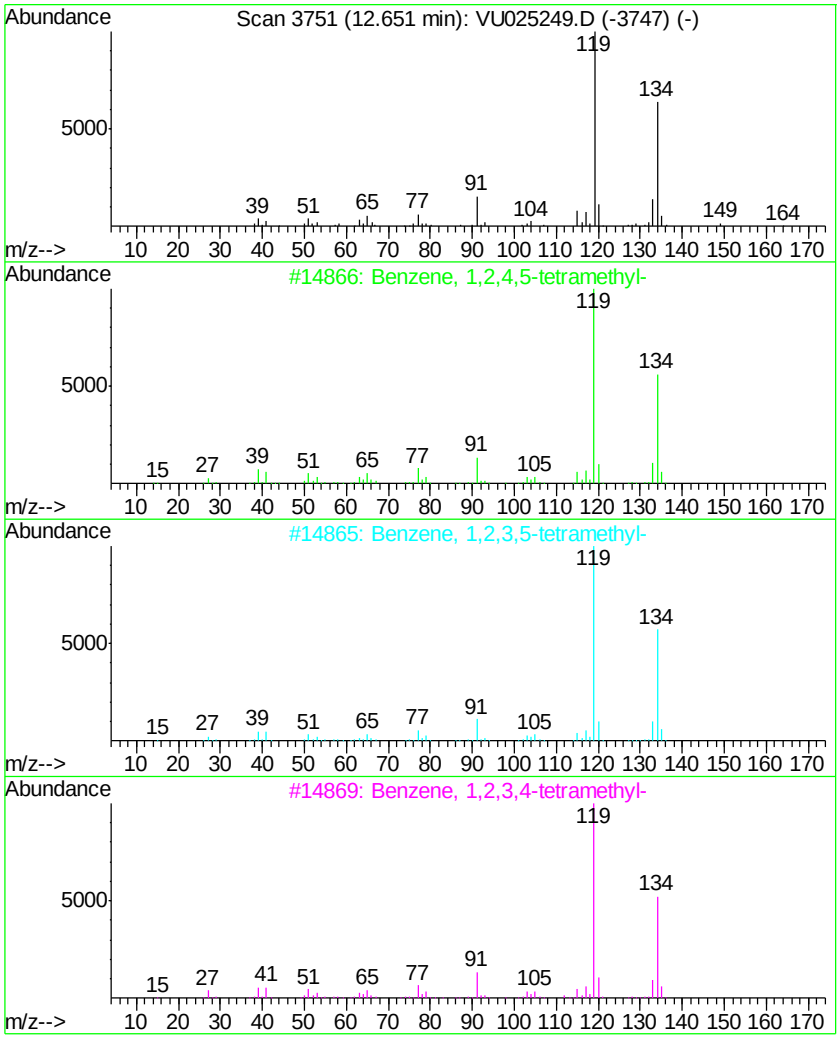
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

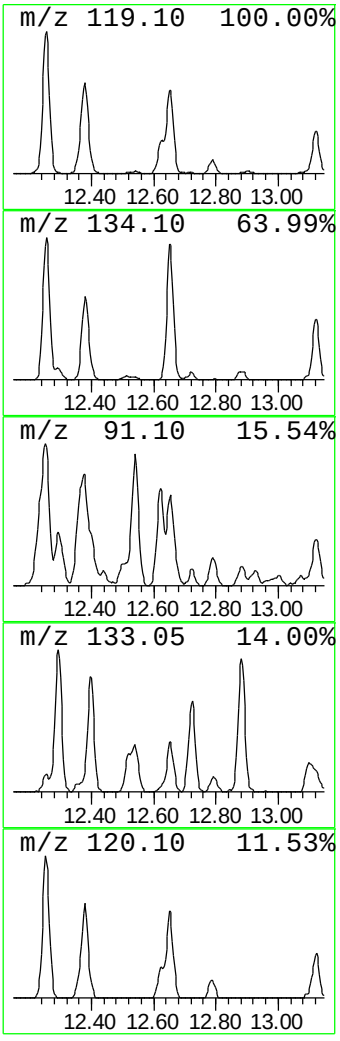
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	8.39 ug/l	150015	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

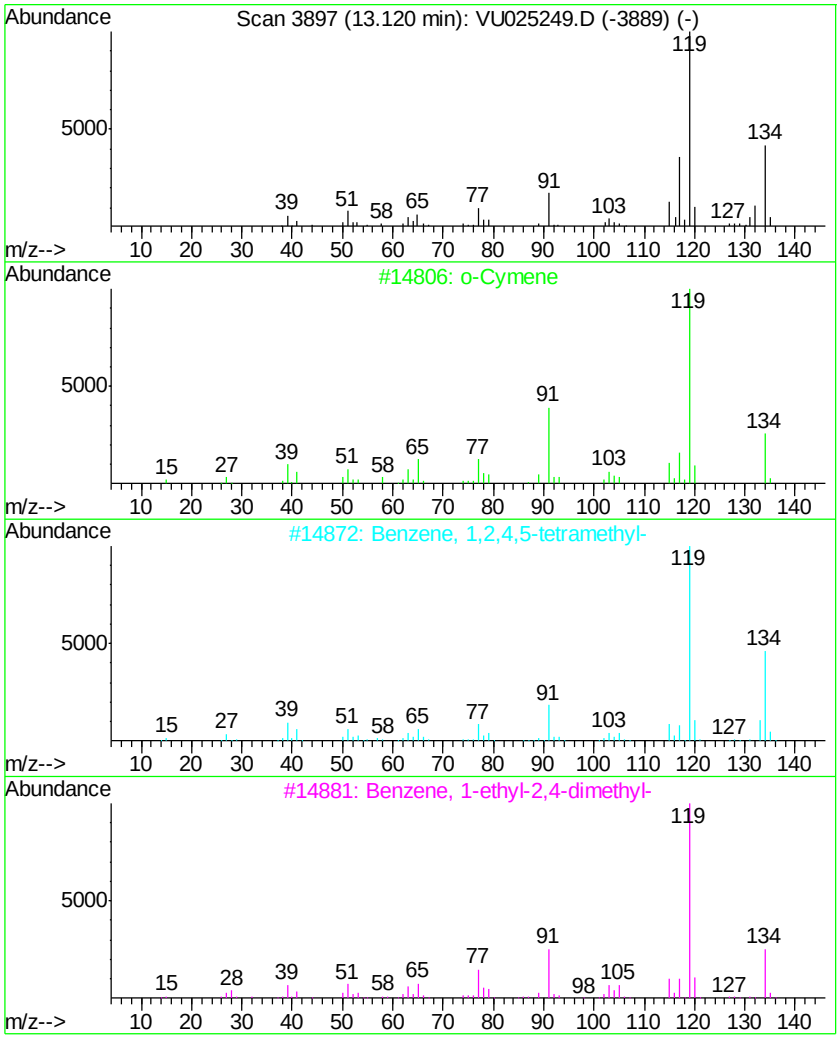
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

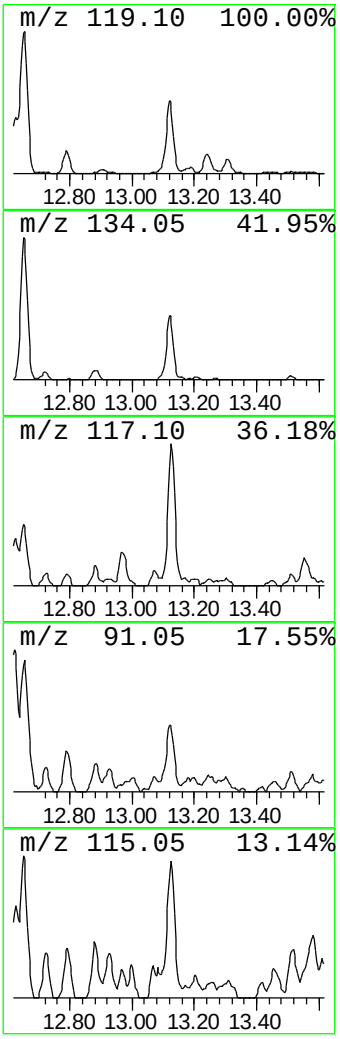
****

Peak Number 10 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	5.28 ug/l	94314	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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	11.69	10.5	ug/l	186994	4	11.49	893691	50.0
Benzene, 1,4-diet...	11.79	5.8	ug/l	103481	4	11.49	893691	50.0
Benzene, 2-ethyl-...	12.25	14.3	ug/l	256332	4	11.49	893691	50.0
Adamantane	12.30	9.8	ug/l	174219	4	11.49	893691	50.0
Benzene, 1-methyl...	12.38	14.0	ug/l	250398	4	11.49	893691	50.0
1H-Indene, 2,3-di...	12.54	10.9	ug/l	194802	4	11.49	893691	50.0
1,4-Cyclohexadien...	12.62	6.6	ug/l	117426	4	11.49	893691	50.0
Benzene, 1,2,4,5-...	12.65	8.4	ug/l	150015	4	11.49	893691	50.0
o-Cymene	13.12	5.3	ug/l	94314	4	11.49	893691	50.0