LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 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	142	155	179	rBV	1012292	1161472	98.87%	11.239%
2	1.185	179	185	192	rVB	12835	13770	1.17%	0.133%
3	1.391	243	249	262	rVB4	7298	11918	1.01%	0.115%
4	2.442	563	576	588	rBV2	7843	14839	1.26%	0.144%
5	4.233	1110	1133	1150	rBV4	18638	46449	3.95%	0.449%
6	4.889	1322	1337	1353	rBV2	180716	404693	34.45%	3.916%
7	4.989	1353	1368	1396	rVB	264061	590438	50.26%	5.713%
8	5.313	1455	1469	1491	rBV	190339	408918	34.81%	3.957%
9	5.892	1626	1649	1673	rBV	365148	735086	62.58%	7.113%
10	6.191	1730	1742	1767	rVB2	41010	82255	7.00%	0.796%
11	7.570	2150	2171	2190	rBV	665092	1174714	100.00%	11.367%
12	9.091	2631	2644	2668	rBV	522716	926256	78.85%	8.963%
13	9.368	2720	2730	2735	rBV5	9017	15873	1.35%	0.154%
14	9.747	2826	2848	2859	rBV8	21091	60444	5.15%	0.585%
15	9.808	2859	2867	2881	rVB5	7303	13526	1.15%	0.131%
16	9.956	2908	2913	2923	rVB3	16567	24311	2.07%	0.235%
17	10.049	2923	2942	2959	rBV10	23654	53919	4.59%	0.522%
18	10.168	2972	2979	2987	rBV	15796	22635	1.93%	0.219%
19	10.310	3012	3023	3037	rBV	509913	799304	68.04%	7.735%
20	10.377	3037	3044	3053	rVB5	22987	36661	3.12%	0.355%
21	10.496	3074	3081	3089	rVB5	12837	18439	1.57%	0.178%
22	10.593	3103	3111	3118	rBV	19385	26829	2.28%	0.260%
23	10.702	3135	3145	3156	rVB5	16565	29757	2.53%	0.288%
24	10.770	3156	3166	3174	rBV10	7928	14479	1.23%	0.140%
25	10.863	3187	3195	3210	rVB10	8548	18910	1.61%	0.183%
26	10.985	3210	3233	3250	rBV7	17926	49755	4.24%	0.481%
27	11.104	3251	3270	3279	rBV	114757	187080	15.93%	1.810%
28	11.294	3312	3329	3335	rBV	194973	326013	27.75%	3.155%
29	11.326	3335	3339	3354	rVB	126731	185528	15.79%	1.795%
30	11.406	3354	3364	3378	rVB10	9311	20726	1.76%	0.201%
31	11.487	3378	3389	3404	rBV	570605	919237	78.25%	8.895%
32	11.609	3419	3427	3441	rVB7	6359	12180	1.04%	0.118%
33	11.692	3442	3453	3467	rVB	112804	174495	14.85%	1.689%
34	11.786	3467	3482	3495	rVB2	61567	98144	8.35%	0.950%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 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	11.863	3495	3506	3531	rVB7	46020	117435	10.00%	1.136%
36	12.004	3531	3550	3560	rBV4	17606	37624	3.20%	0.364%
37	12.252	3614	3627	3635	rBV3	141466	251078	21.37%	2.430%
38	12.297	3635	3641	3652	rVV4	99100	164517	14.00%	1.592%
39	12.377	3652	3666	3681	rVV6	88158	234715	19.98%	2.271%
40	12.438	3681	3685	3693	rVB2	15882	21524	1.83%	0.208%
41	12.500	3694	3704	3709	rBV	37036	62402	5.31%	0.604%
42	12.541	3710	3717	3732	rVB	111384	175128	14.91%	1.695%
43	12.625	3732	3743	3746	rBV3	76469	112286	9.56%	1.087%
44	12.654	3747	3752	3764	rVB2	95439	145608	12.40%	1.409%
45	12.725	3764	3774	3784	rVB4	20237	29989	2.55%	0.290%
46	12.789	3784	3794	3805	rBV3	25498	38985	3.32%	0.377%
47	12.882	3814	3823	3831	rBV	25279	39987	3.40%	0.387%
48	12.927	3831	3837	3844	rVB2	11847	16571	1.41%	0.160%
49	13.072	3873	3882	3888	rBV2	11872	20208	1.72%	0.196%
50	13.123	3889	3898	3907	rVB2	56384	90385	7.69%	0.875%
51	13.303	3950	3954	3977	rVB5	8728	18276	1.56%	0.177%
52	13.516	4011	4020	4028	rBV3	18099	28296	2.41%	0.274%
53	13.583	4028	4041	4048	rBV8	14054	31779	2.71%	0.308%
54	13.734	4077	4088	4098	rBV3	10519	18332	1.56%	0.177%

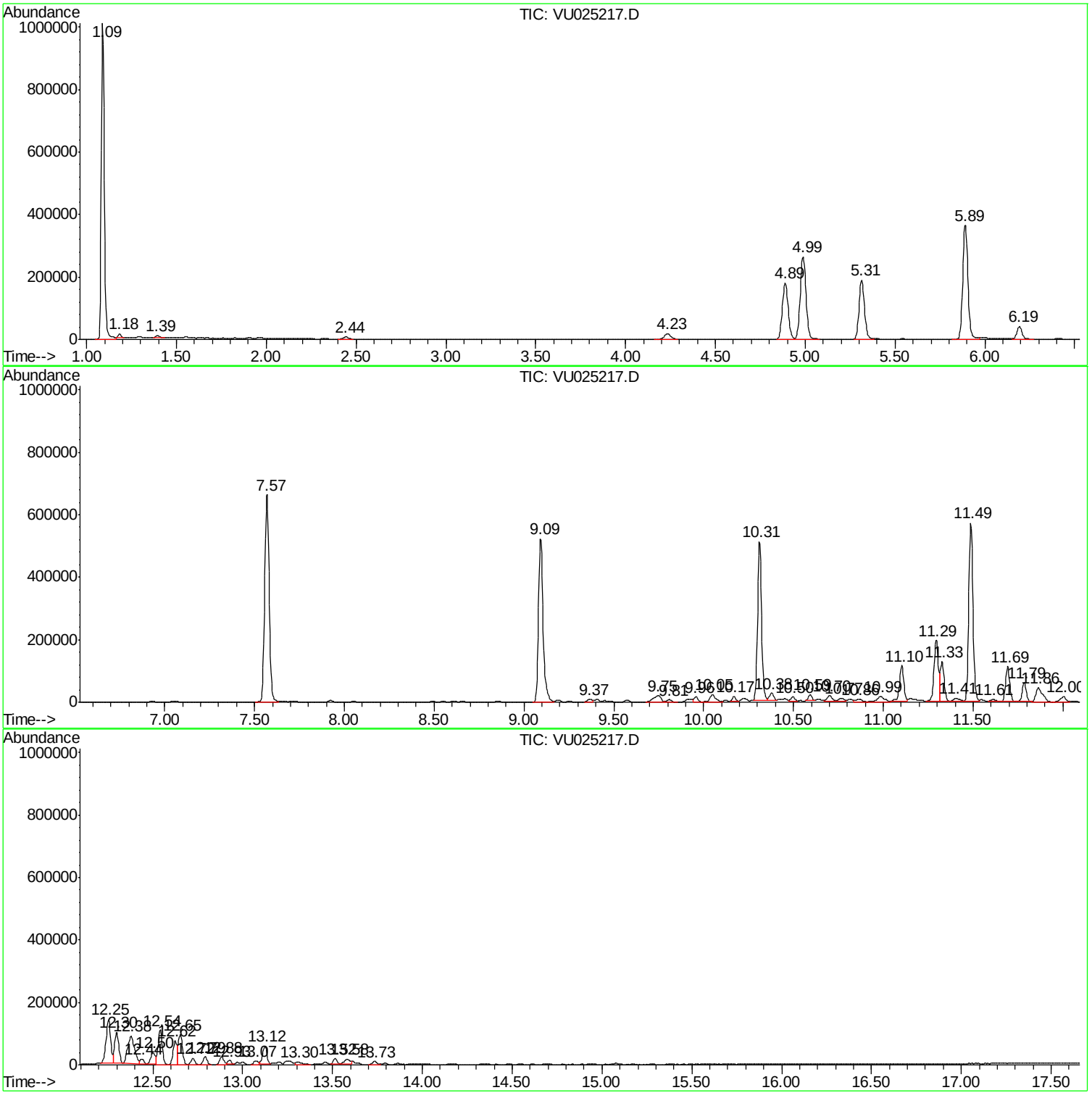
Sum of corrected areas: 10334178

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

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

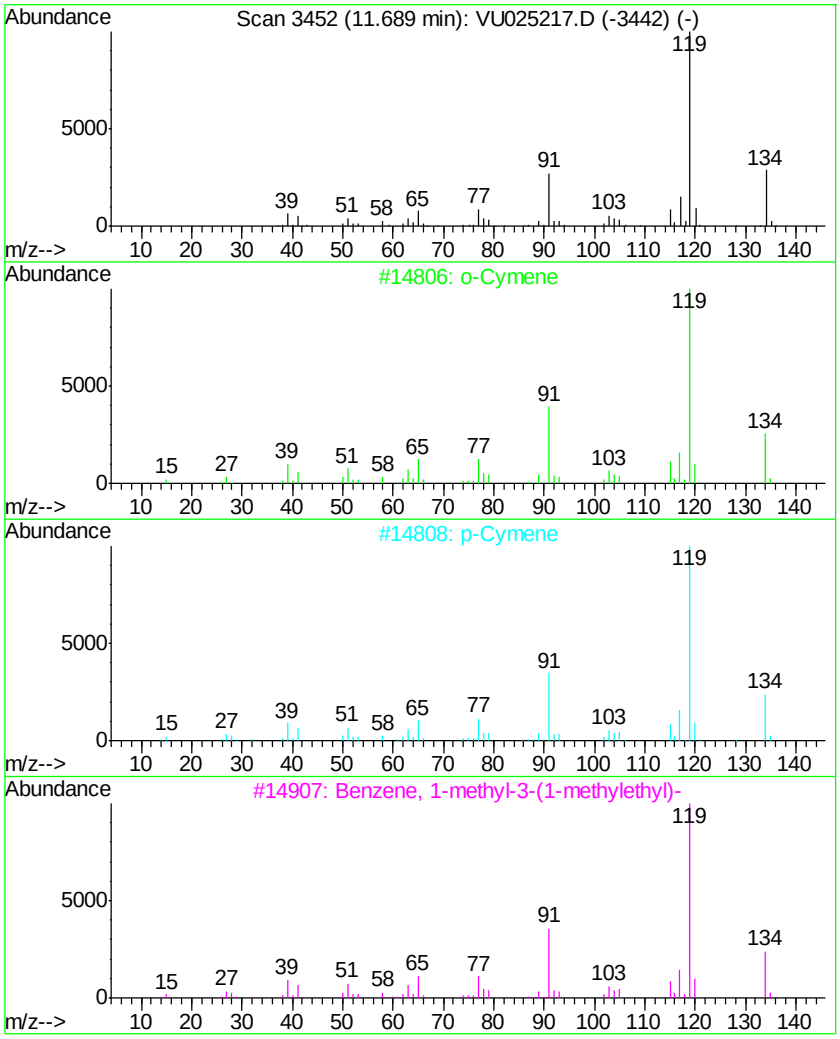
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

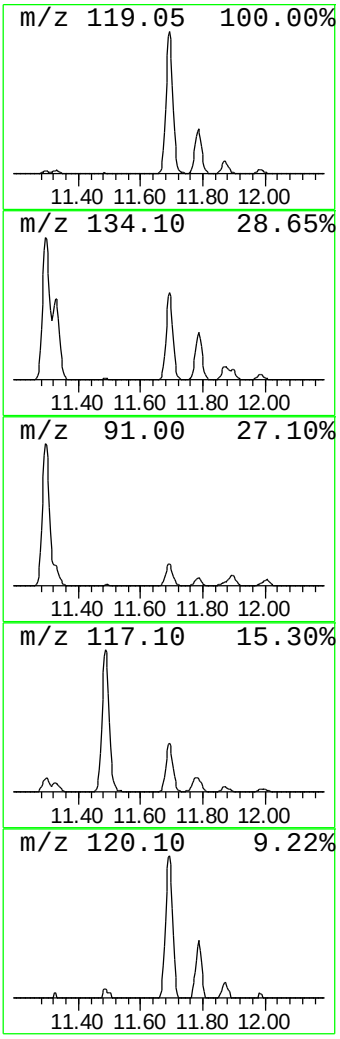
****

Peak Number 2 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	9.49 ug/l	174495	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	96
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

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

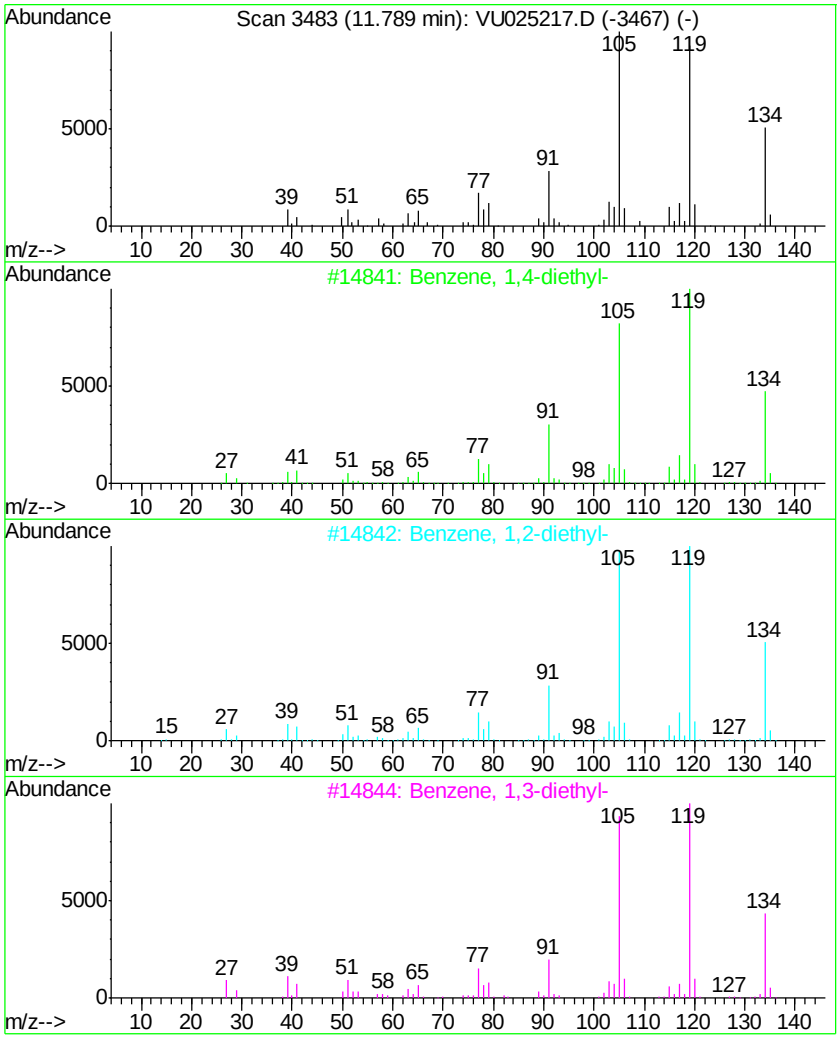
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

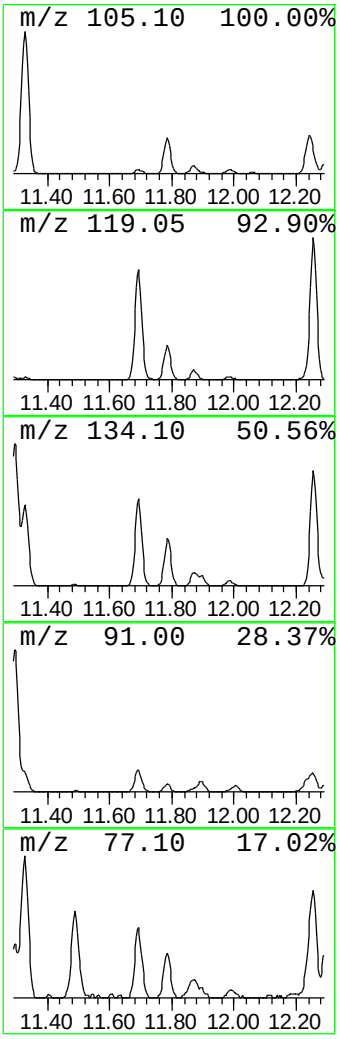
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.34 ug/l	98144	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	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

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

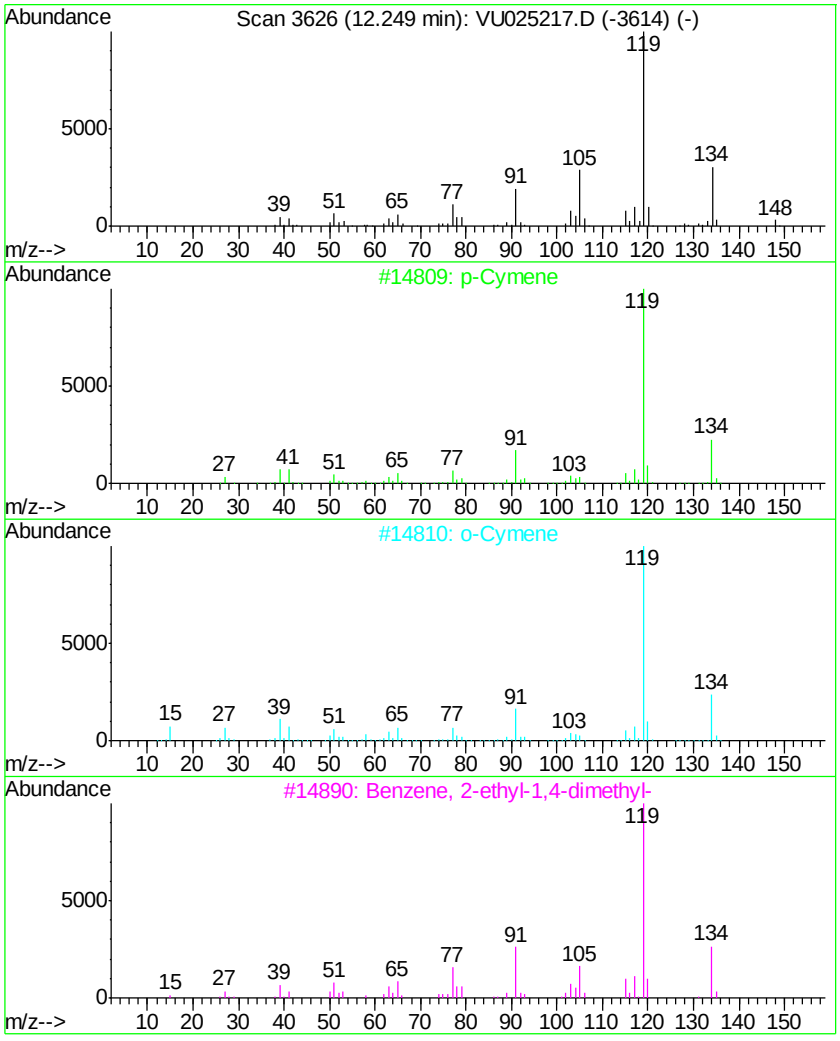
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

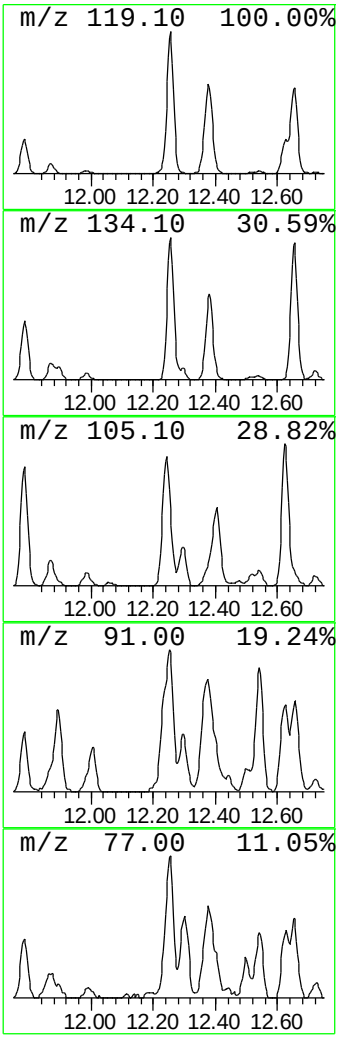
****

Peak Number 4 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	13.66 ug/l	251078	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	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

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

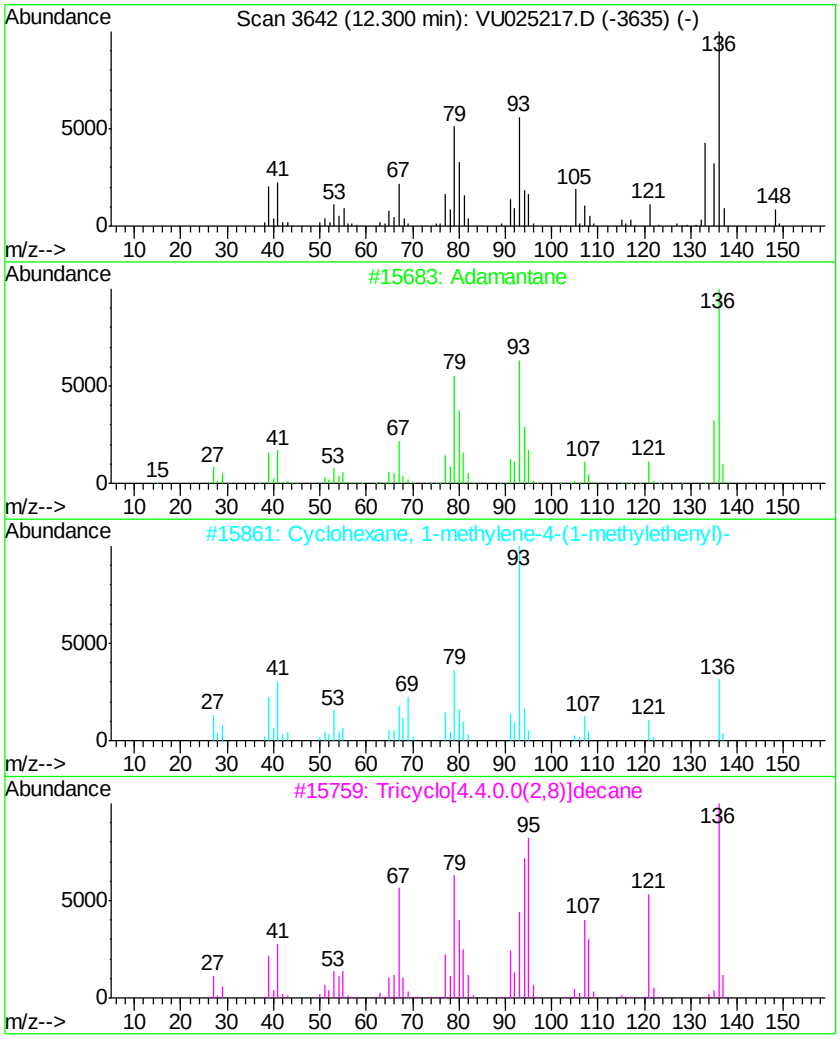
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

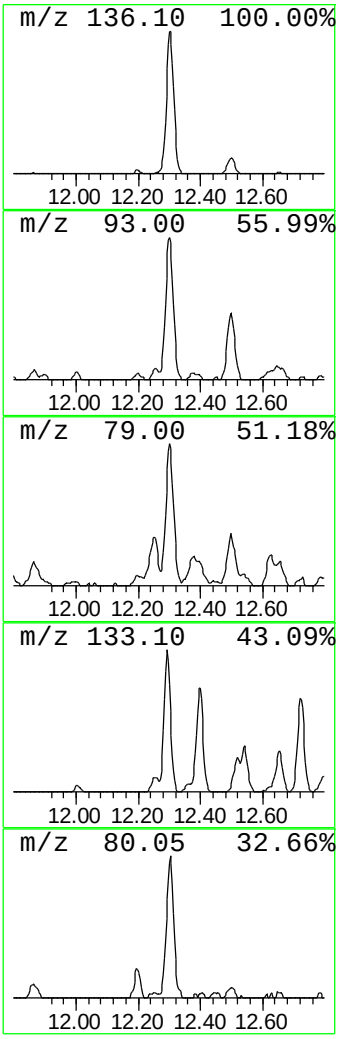
****

Peak Number 5 Adamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	8.95 ug/l	164517	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	53
3	Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	49
4	1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	49
5	3H-Cyclopenta[c]pyridazin-3-one,...	136	C7H8N2O	1000338-22-1	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

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

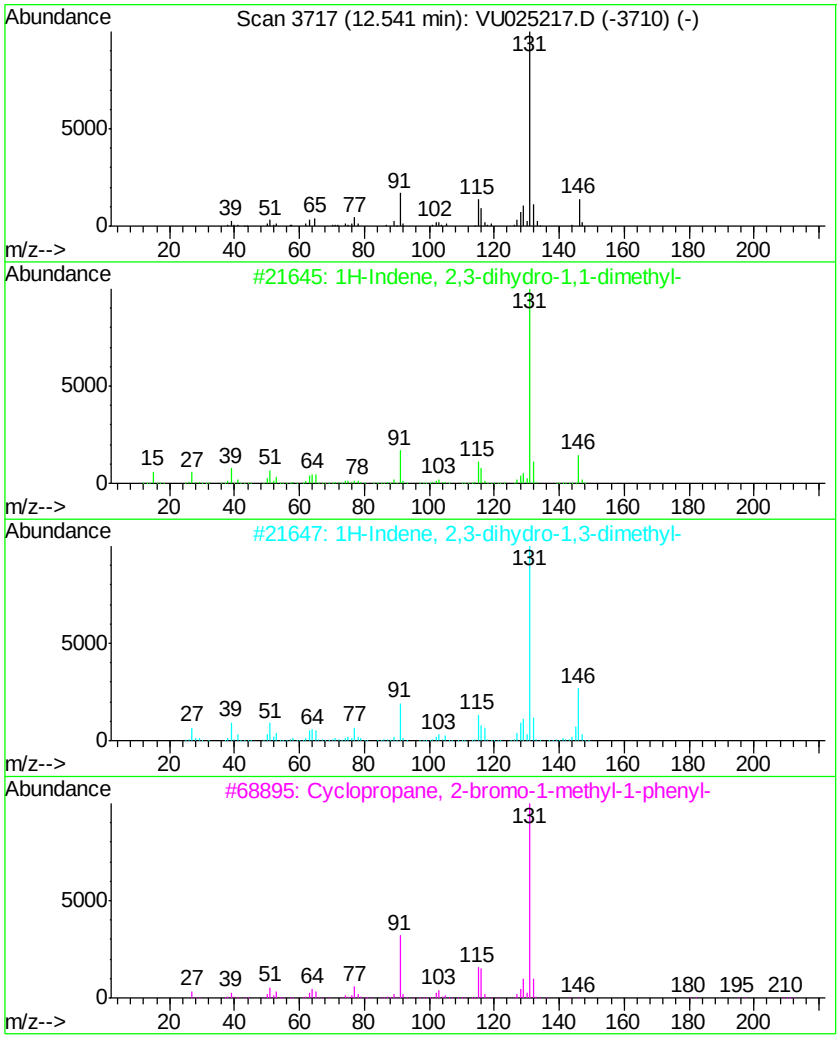
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

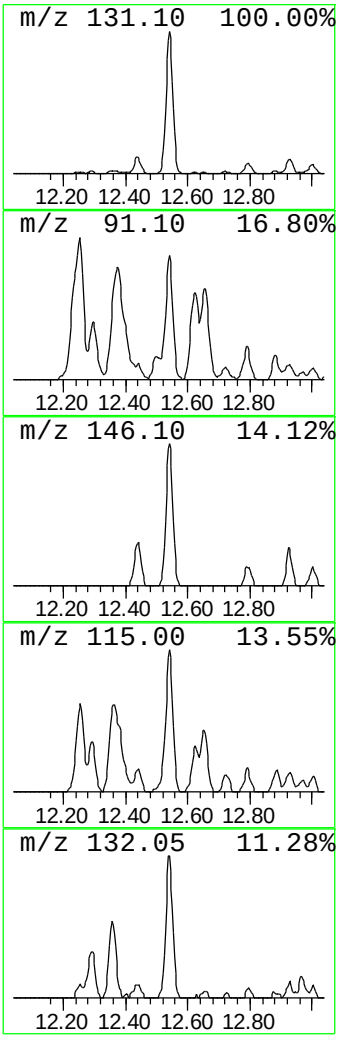
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	9.53 ug/l	175128	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	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	78
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	52
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

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

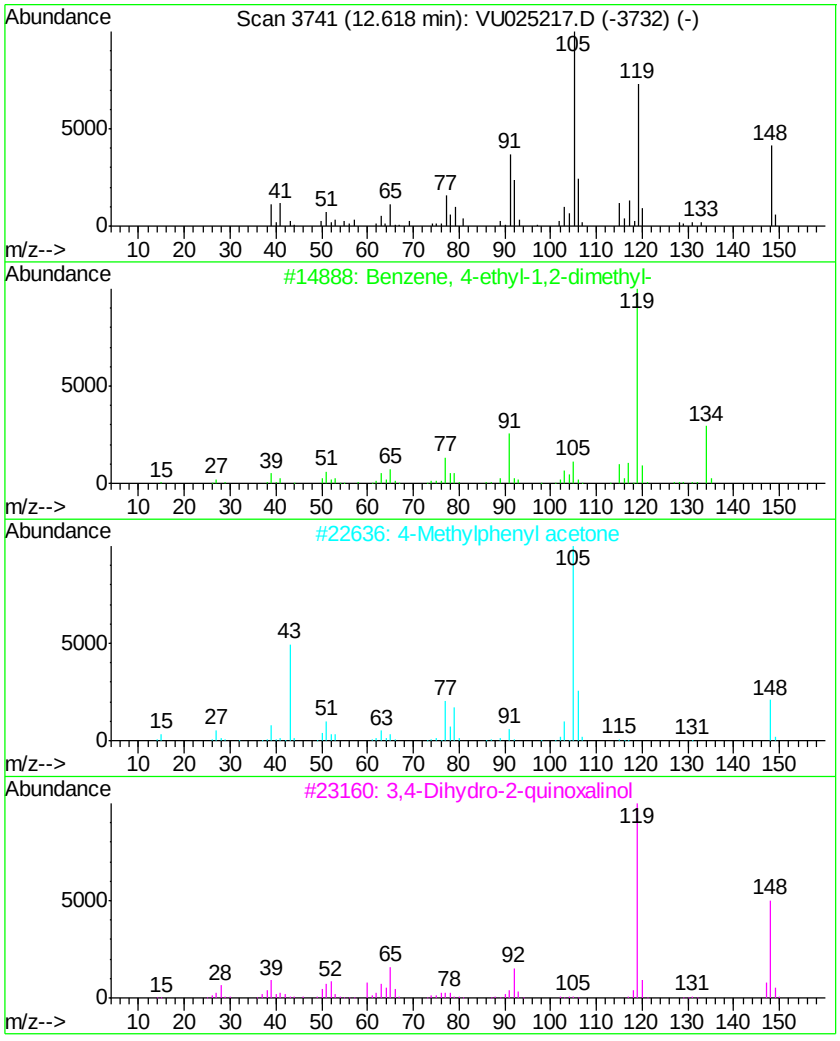
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

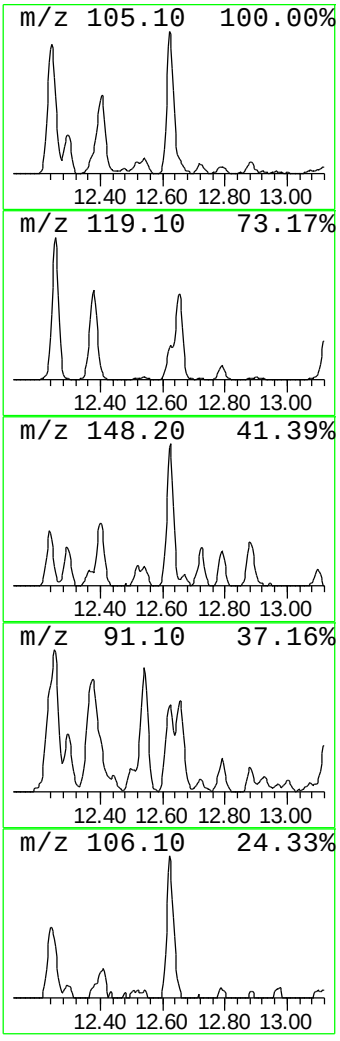
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	6.11 ug/l	112286	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	46
3	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	43
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43
5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0473-180628

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

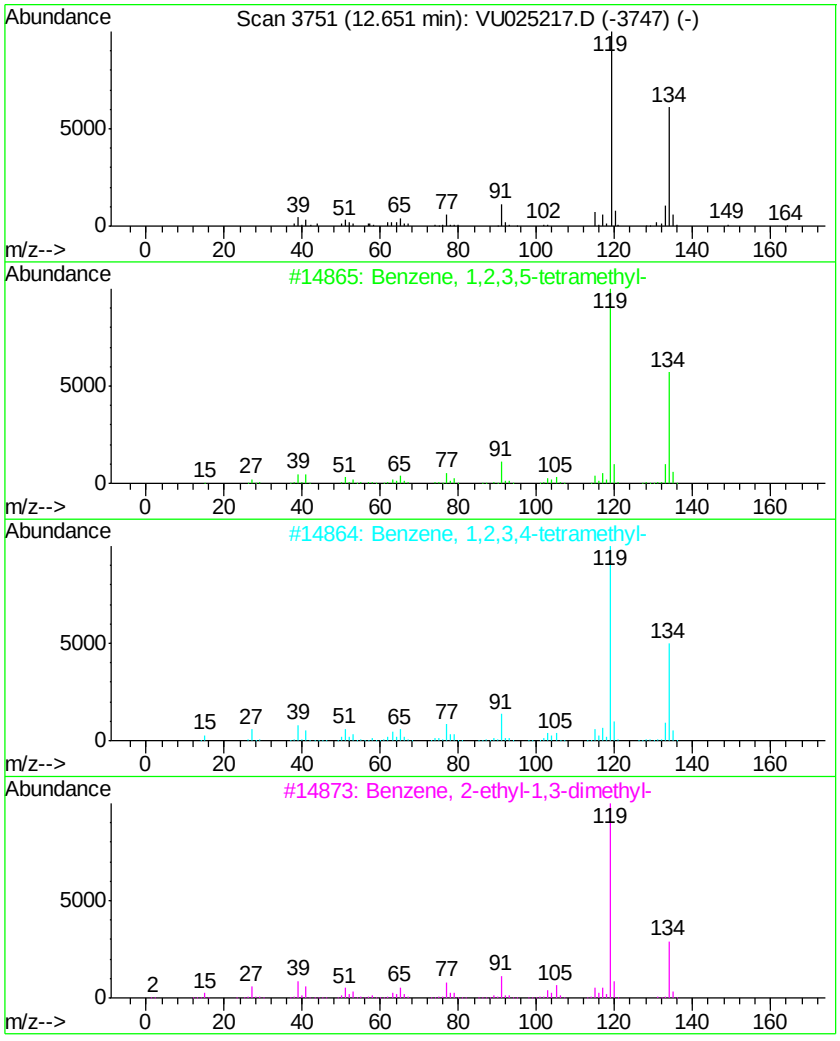
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

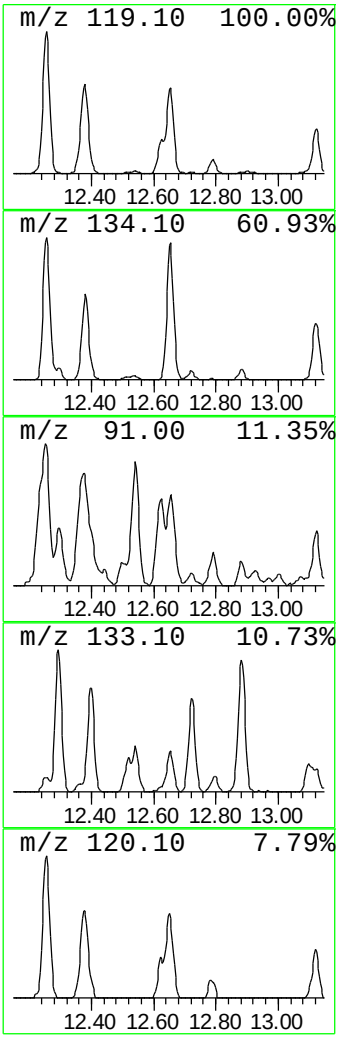
****

Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	7.92 ug/l	145608	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 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
o-Cymene	11.69	9.5	ug/l	174495	4	11.49	919237	50.0
Benzene, 1,4-diet...	11.79	5.3	ug/l	98144	4	11.49	919237	50.0
p-Cymene	12.25	13.7	ug/l	251078	4	11.49	919237	50.0
Adamantane	12.30	8.9	ug/l	164517	4	11.49	919237	50.0
1H-Indene, 2,3-di...	12.54	9.5	ug/l	175128	4	11.49	919237	50.0
Benzene, 4-ethyl-...	12.62	6.1	ug/l	112286	4	11.49	919237	50.0
Benzene, 1,2,3,5-...	12.65	7.9	ug/l	145608	4	11.49	919237	50.0