LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025902.D
Acq On : 06 Aug 2018 21:36
Operator : MD/SY
Sample : J4263-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

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\82U072718W.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	1.089	136	155	171	rBV	386286	434853	23.15%	2.390%
2	2.307	523	534	555	rVB5	12903	31413	1.67%	0.173%
3	2.449	568	578	597	rBV	15000	27096	1.44%	0.149%
4	2.709	641	659	665	rBV4	13290	27089	1.44%	0.149%
5	2.741	665	669	681	rVB4	10906	19202	1.02%	0.106%
6	2.999	732	749	767	rBV2	36456	78115	4.16%	0.429%
7	4.101	1078	1092	1108	rVB6	9101	24052	1.28%	0.132%
8	4.738	1274	1290	1309	rBV4	8761	22891	1.22%	0.126%
9	4.889	1320	1337	1353	rBV	187531	423120	22.53%	2.326%
10	4.989	1353	1368	1385	rVV	250595	564163	30.04%	3.101%
11	5.085	1387	1398	1415	rVB4	20640	51999	2.77%	0.286%
12	5.314	1457	1469	1485	rVV	181287	371749	19.79%	2.043%
13	5.394	1486	1494	1506	rVB2	14636	29903	1.59%	0.164%
14	5.490	1511	1524	1534	rBV5	15522	35591	1.90%	0.196%
15	5.555	1534	1544	1556	rVB6	10145	22228	1.18%	0.122%
16	5.892	1634	1649	1677	rBV	352488	703726	37.47%	3.868%
17	6.416	1795	1812	1828	rVB	12903	36031	1.92%	0.198%
18	7.056	1998	2011	2023	rBV3	11814	25893	1.38%	0.142%
19	7.571	2148	2171	2190	rBV	657948	1186971	63.20%	6.525%
20	7.715	2204	2216	2229	rBV4	14318	28656	1.53%	0.158%
21	7.924	2268	2281	2294	rBV3	23414	43249	2.30%	0.238%
22	9.092	2632	2644	2665	rBV	527813	896102	47.71%	4.926%
23	9.191	2668	2675	2682	rVV2	12268	20435	1.09%	0.112%
24	9.252	2682	2694	2720	rVV	745482	1203047	64.06%	6.613%
25	9.381	2720	2734	2764	rVB	728768	1202300	64.02%	6.609%
26	9.783	2853	2859	2873	rVB3	11806	20049	1.07%	0.110%
27	10.169	2969	2979	2990	rBV	77367	119716	6.37%	0.658%
28	10.310	3011	3023	3041	rBV	554206	884939	47.12%	4.864%
29	10.590	3099	3110	3124	rBV	120475	189324	10.08%	1.041%
30	10.709	3129	3147	3158	rVV	244900	446572	23.78%	2.455%
31	10.776	3158	3168	3184	rVB	146658	223736	11.91%	1.230%
32	10.976	3216	3230	3252	rBV	511874	809412	43.10%	4.449%
33	11.153	3272	3285	3300	rBV	1240368	1878132	100.00%	10.324%
34	11.326	3332	3339	3355	rVB2	21587	37086	1.97%	0.204%

LSC Area Percent Report

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Operator : MD/SY
Sample : J4263-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

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\82U072718W.M
Title : SW846 8260

35	11.429	3358	3371	3378	rBV2	20373	30040	1.60%	0.165%
36	11.487	3378	3389	3404	rVV	715178	1151933	61.33%	6.332%
37	11.574	3404	3416	3431	rVB	384658	594400	31.65%	3.267%
38	11.693	3443	3453	3462	rVB	25670	39384	2.10%	0.216%
39	11.773	3466	3478	3498	rVV3	109283	264386	14.08%	1.453%
40	11.870	3498	3508	3527	rVB5	72134	152768	8.13%	0.840%
41	11.985	3533	3544	3555	rBV2	50562	79352	4.23%	0.436%
42	12.059	3556	3567	3581	rVB	112046	169167	9.01%	0.930%
43	12.149	3582	3595	3599	rBV	95630	142204	7.57%	0.782%
44	12.178	3600	3604	3614	rVB	107804	148269	7.89%	0.815%
45	12.255	3614	3628	3635	rBV	123731	189596	10.09%	1.042%
46	12.358	3650	3660	3681	rBV4	78113	199387	10.62%	1.096%
47	12.551	3709	3720	3732	rVB3	70495	133958	7.13%	0.736%
48	12.651	3732	3751	3759	rBV2	79542	152729	8.13%	0.840%
49	12.706	3759	3768	3781	rVB	169796	268178	14.28%	1.474%
50	12.792	3783	3795	3810	rBV3	43198	80302	4.28%	0.441%
51	12.882	3817	3823	3829	rVB2	19384	23696	1.26%	0.130%
52	12.931	3829	3838	3846	rBV3	44623	81990	4.37%	0.451%
53	13.085	3877	3886	3889	rBV2	32623	48122	2.56%	0.265%
54	13.124	3889	3898	3915	rVB2	249053	424558	22.61%	2.334%
55	13.291	3941	3950	3968	rVB3	108479	186307	9.92%	1.024%
56	13.410	3973	3987	3994	rBV3	27069	49222	2.62%	0.271%
57	13.461	3995	4003	4009	rVB2	27808	38894	2.07%	0.214%
58	13.513	4009	4019	4026	rBV4	78599	135245	7.20%	0.743%
59	13.612	4045	4050	4057	rVB	43600	53485	2.85%	0.294%
60	13.744	4077	4091	4100	rBV2	96782	178209	9.49%	0.980%
61	13.789	4100	4105	4117	rVB2	32901	51384	2.74%	0.282%
62	13.860	4117	4127	4141	rBV2	50075	81889	4.36%	0.450%
63	13.956	4142	4157	4169	rBV3	52812	114607	6.10%	0.630%
64	14.017	4169	4176	4187	rVB5	20609	34678	1.85%	0.191%
65	14.156	4207	4219	4225	rBV3	17451	33744	1.80%	0.185%
66	14.352	4266	4280	4292	rVB5	61710	144727	7.71%	0.796%
67	14.480	4311	4320	4329	rVV4	15568	26079	1.39%	0.143%
68	14.545	4329	4340	4350	rVB5	20645	38060	2.03%	0.209%
69	14.683	4371	4383	4400	rBV2	89478	158363	8.43%	0.871%
70	14.882	4433	4445	4456	rBV	82541	150285	8.00%	0.826%
71	14.937	4457	4462	4477	rVB3	13790	25976	1.38%	0.143%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

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\82U072718W.M
Title : SW846 8260

72	15.066	4491	4502	4515	rBV	72594	133326	7.10%	0.733%
73	15.924	4757	4769	4780	rBV6	14639	31292	1.67%	0.172%
74	16.066	4803	4813	4819	rBV3	20392	33023	1.76%	0.182%

Sum of corrected areas: 18192054

LSC Report - Integrated Chromatogram

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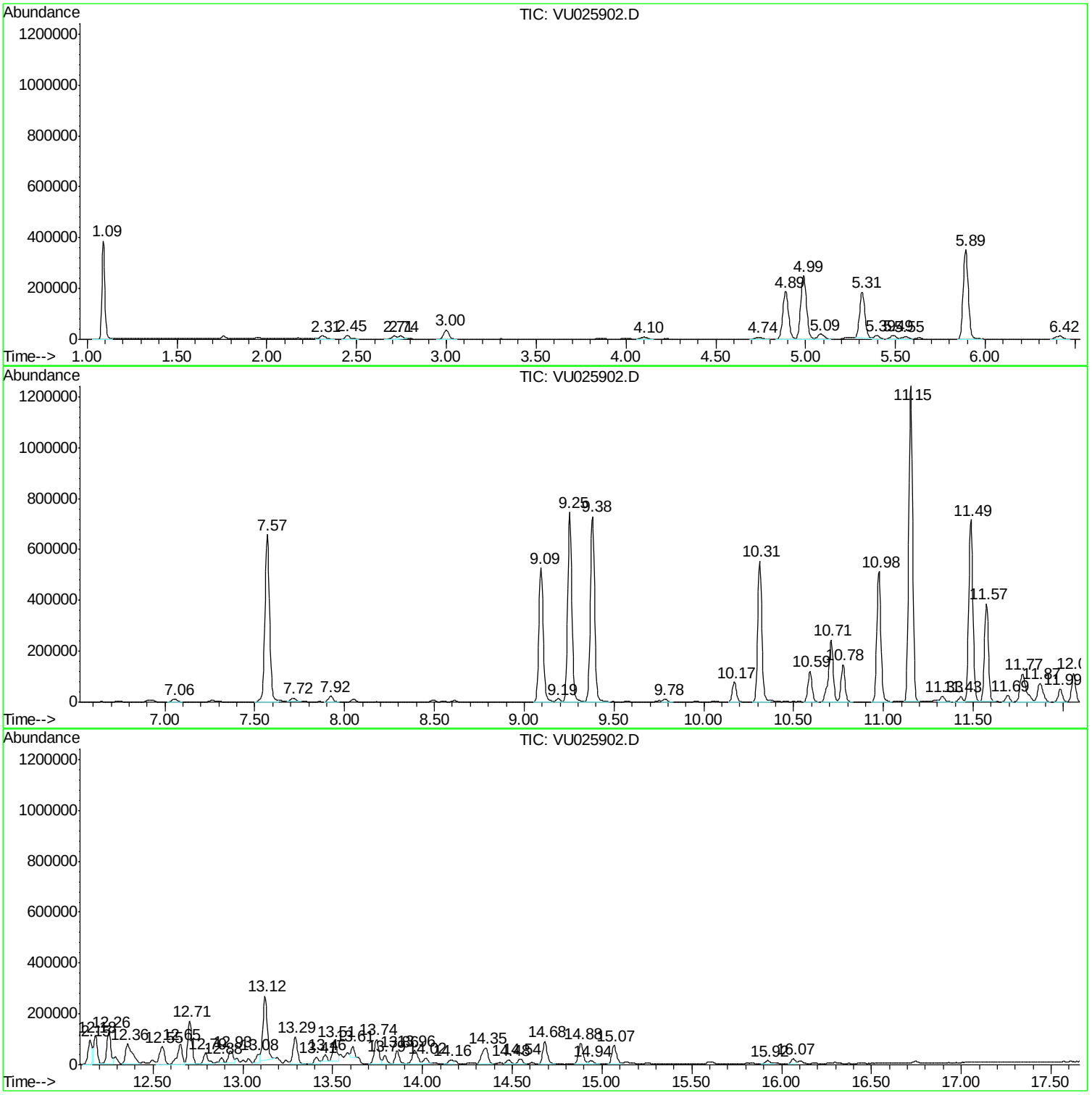
Sample : J4263-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025902.D
Acq On : 06 Aug 2018 21:36
Operator : MD/SY
Sample : J4263-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

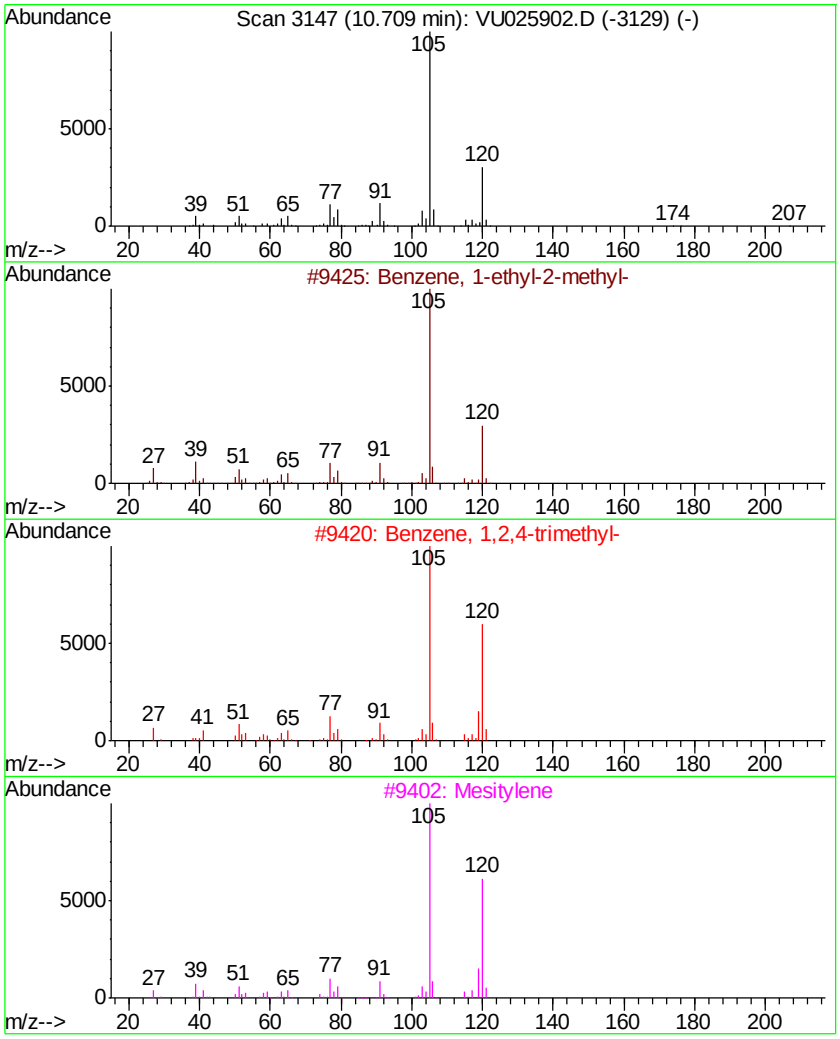
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

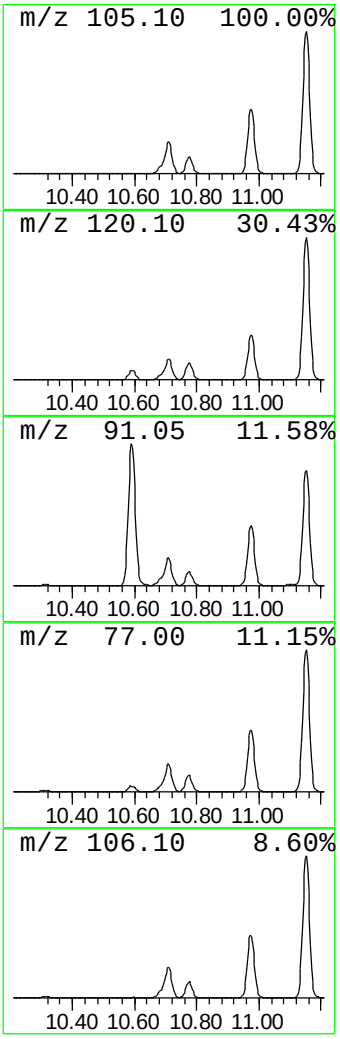
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	19.38 ug/l	446572	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025902.D
Acq On : 06 Aug 2018 21:36
Operator : MD/SY
Sample : J4263-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

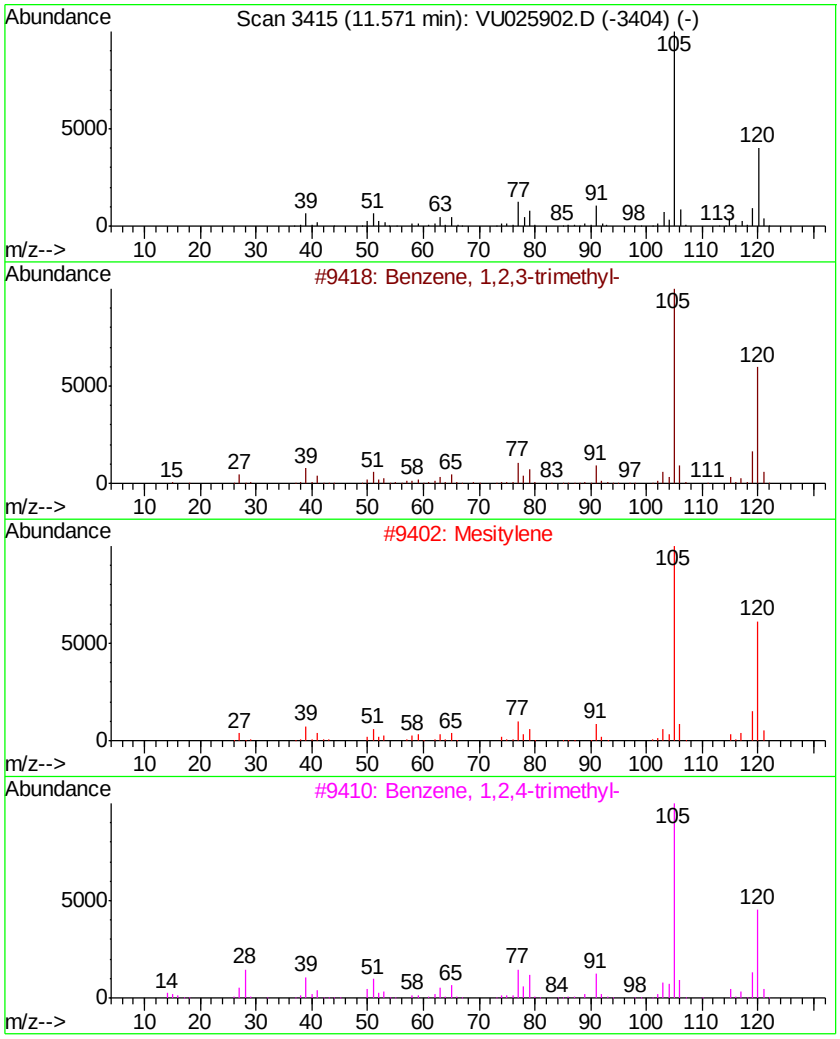
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

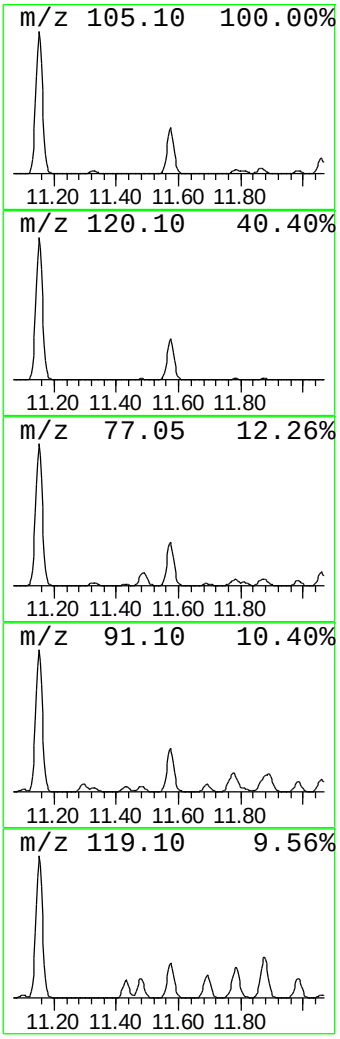
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	25.80 ug/l	594400	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025902.D
Acq On : 06 Aug 2018 21:36
Operator : MD/SY
Sample : J4263-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

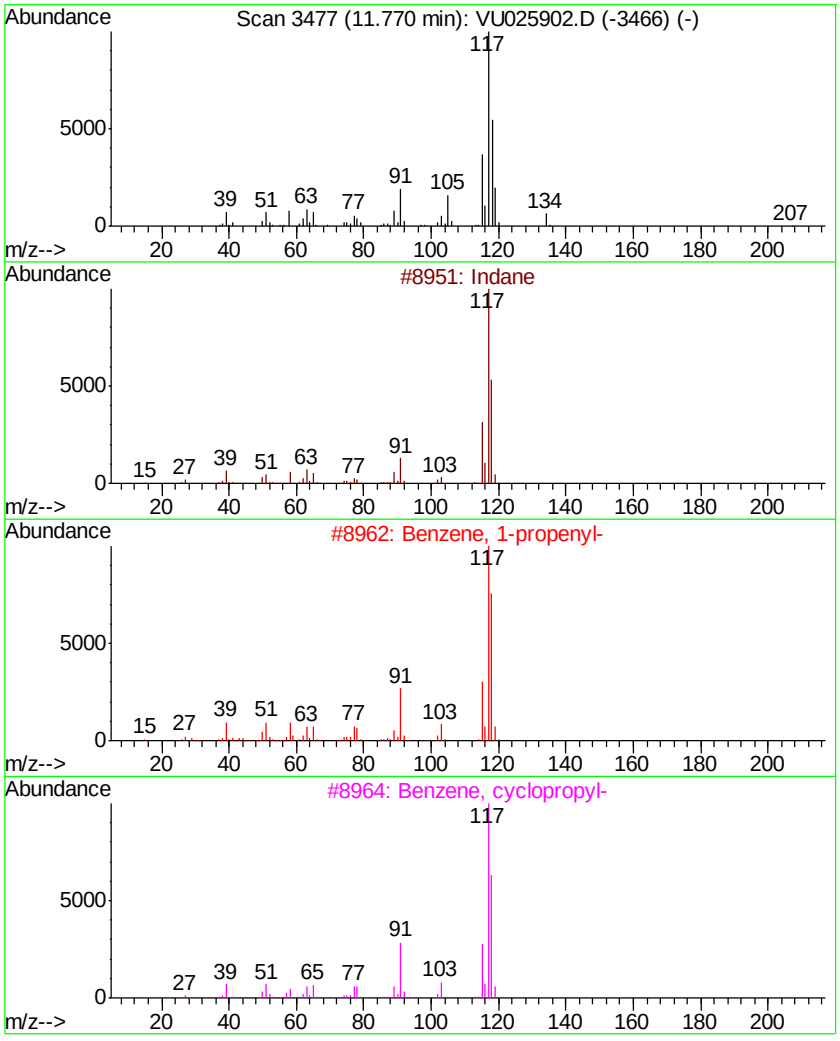
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

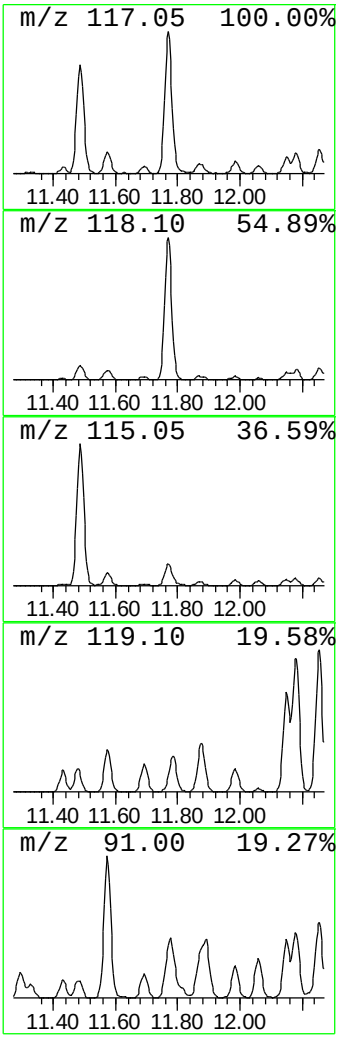
****

Peak Number 5 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	11.48 ug/l	264386	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	46





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Instrument : MSVOA_U
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

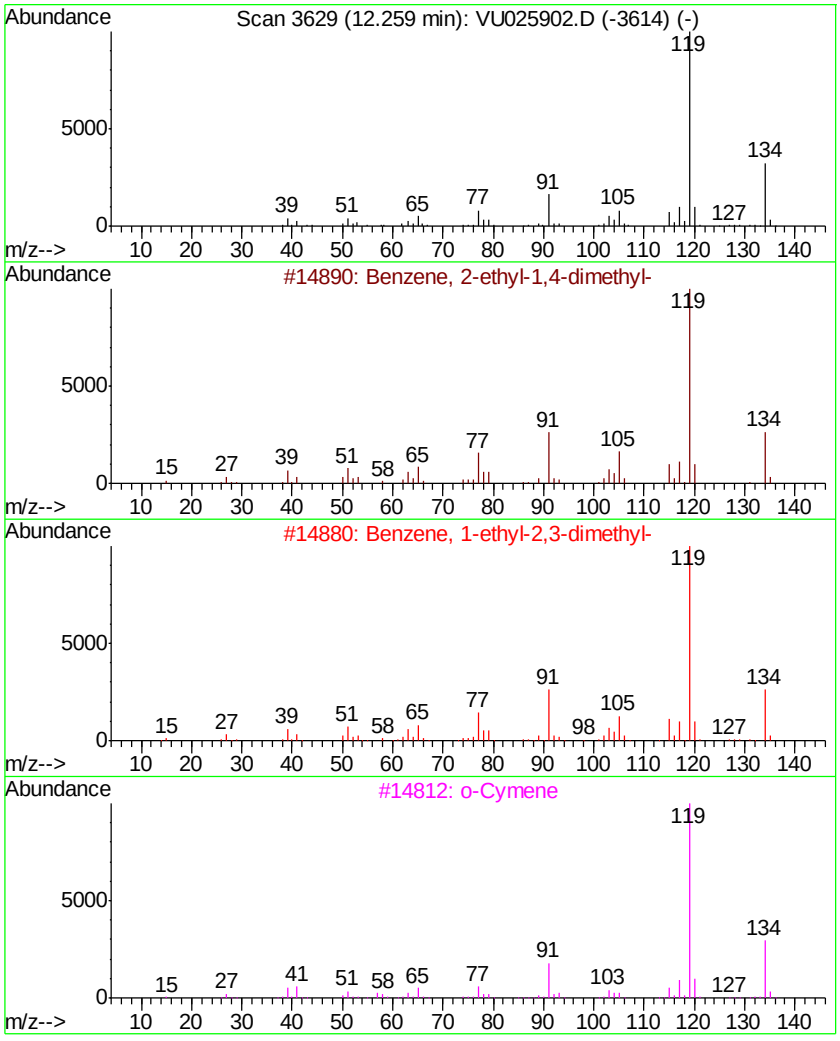
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

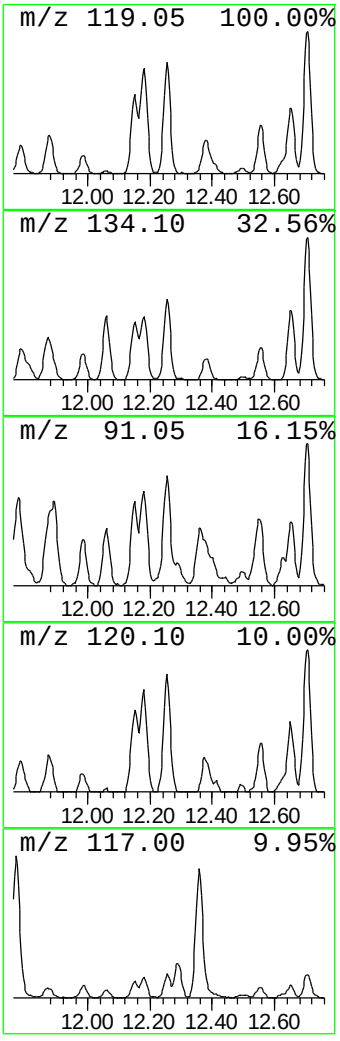
****

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	8.23 ug/l	189596	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	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

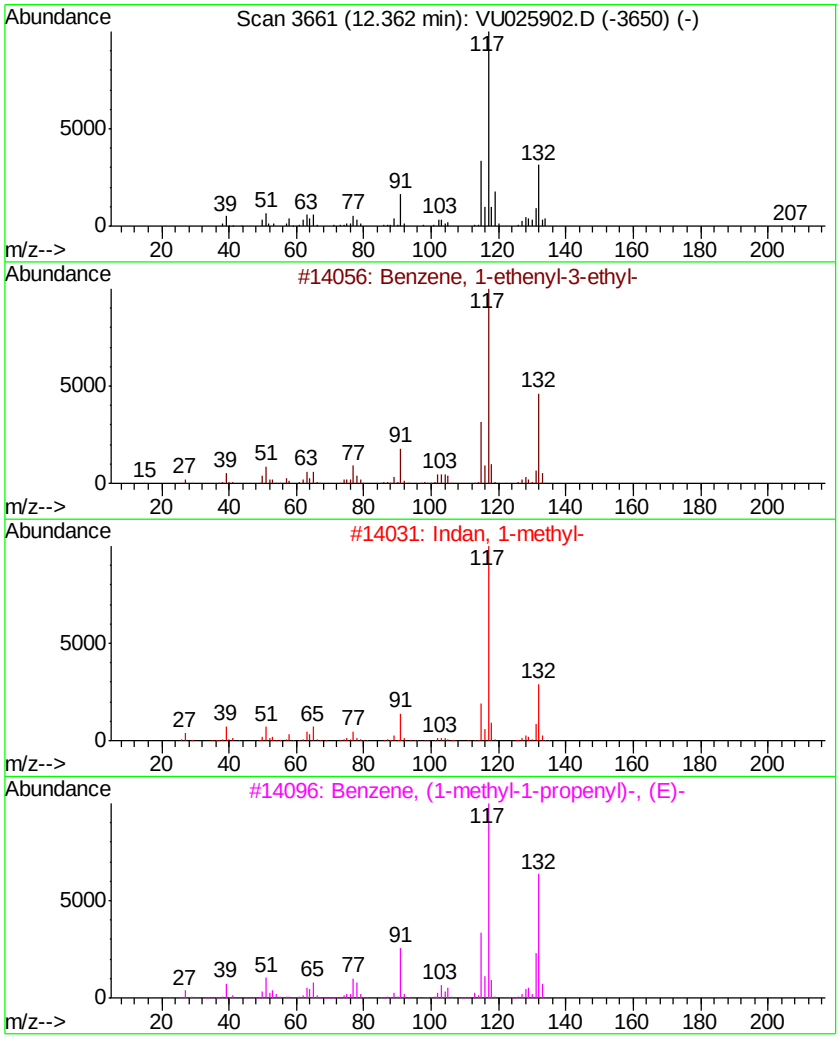
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

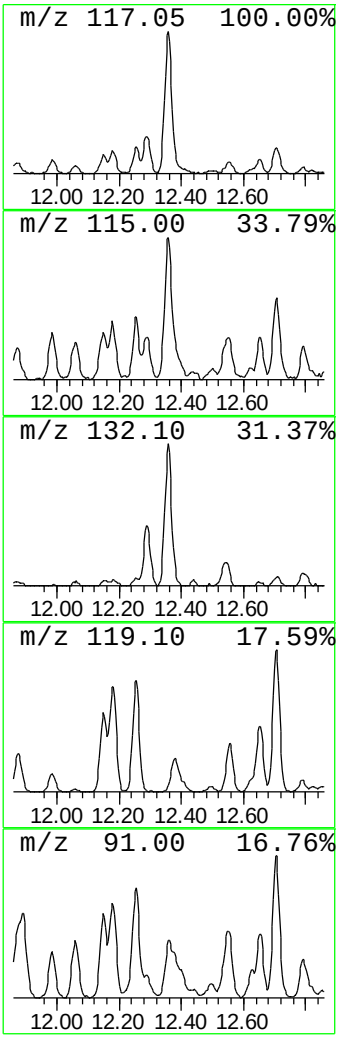
****

Peak Number 7 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	8.65 ug/l	199387	1,4-Dichlorobenzene-d4	11.49

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, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

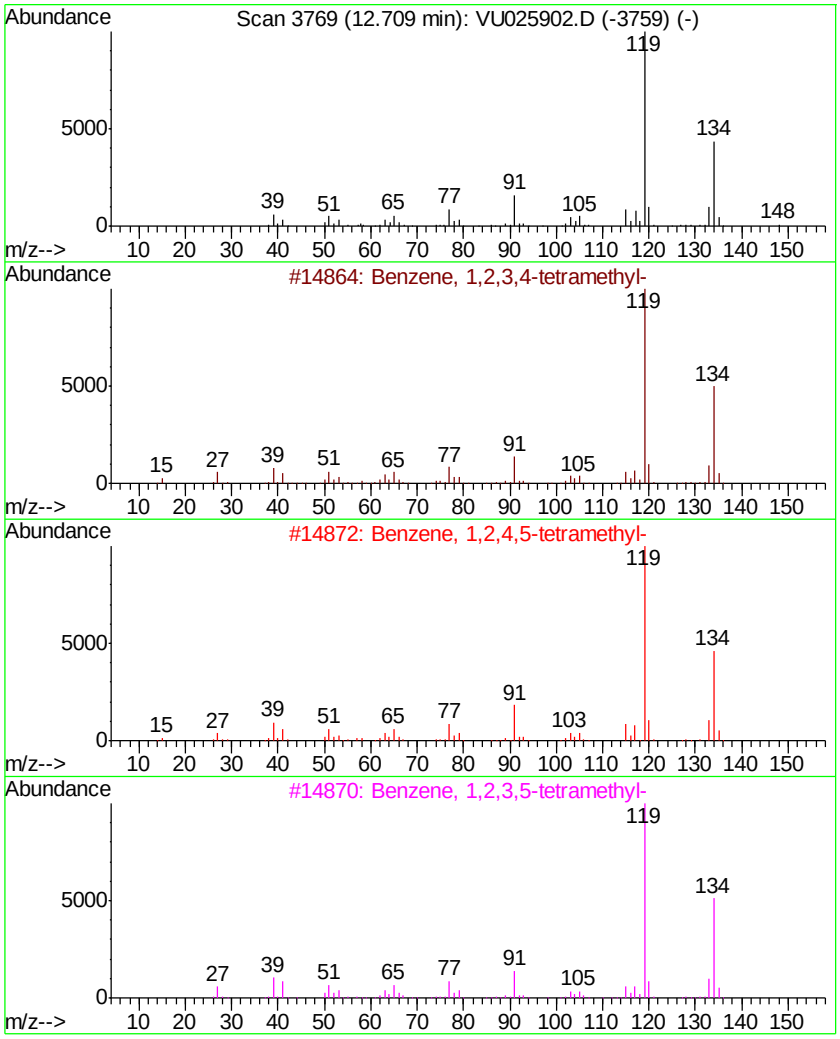
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

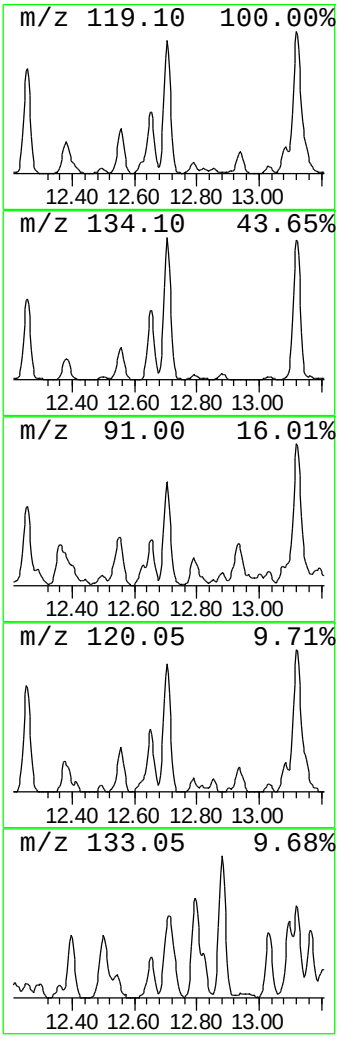
****

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	11.64 ug/l	268178	1,4-Dichlorobenzene-d4	11.49

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	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Sample : J4263-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

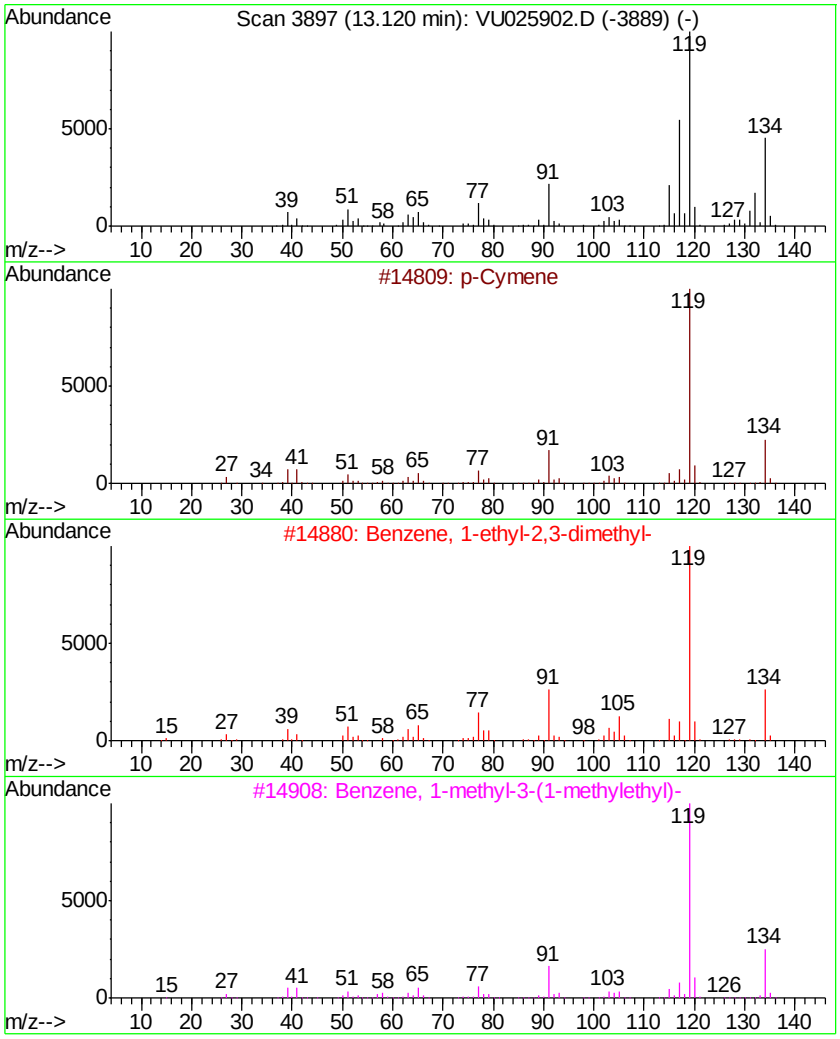
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

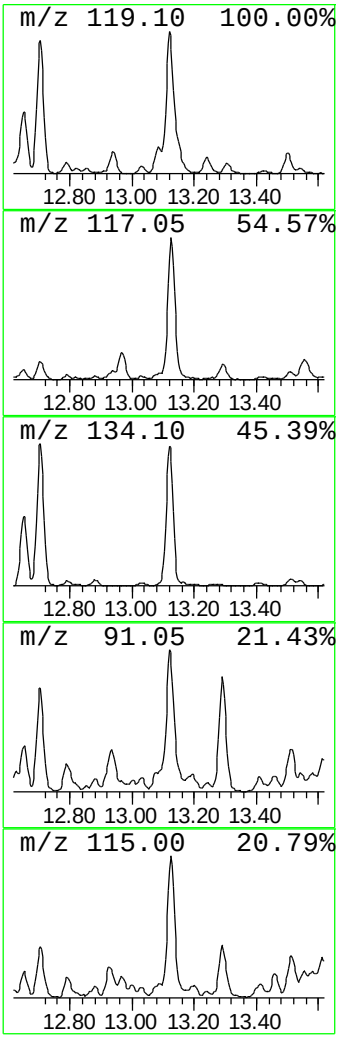
****

Peak Number 9 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	18.43 ug/l	424558	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	60
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5	o-Cymene	134	C10H14	000527-84-4	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025902.D
Acq On : 06 Aug 2018 21:36
Operator : MD/SY
Sample : J4263-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

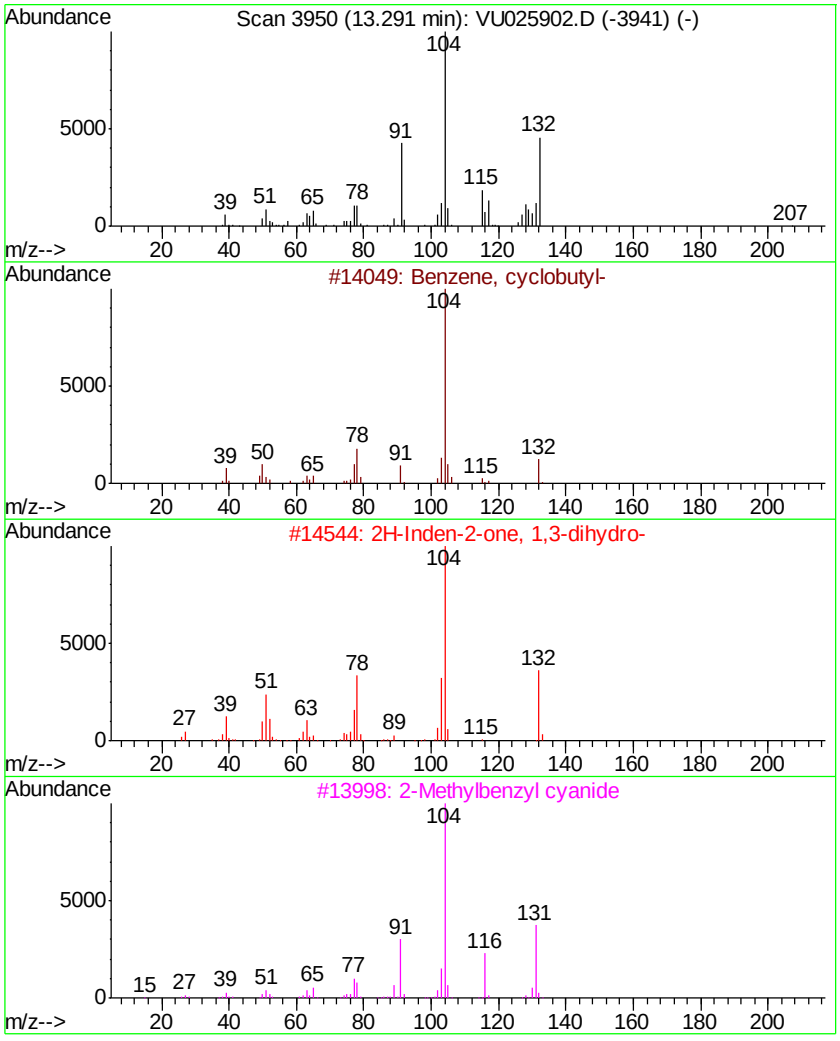
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

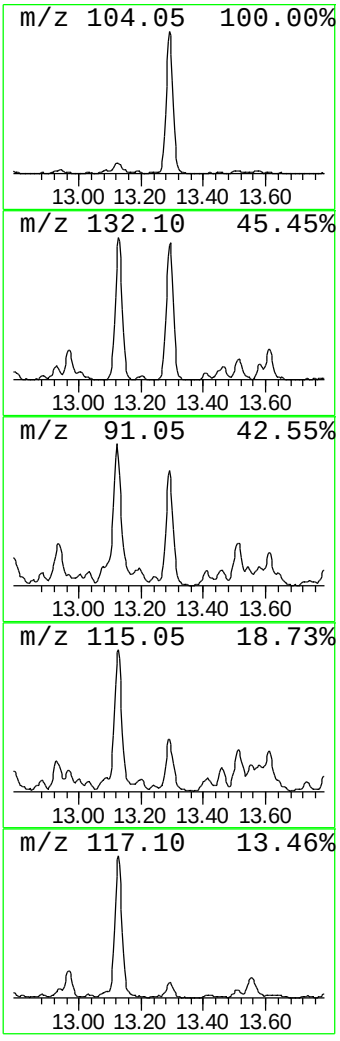
****

Peak Number 10 Benzene, cyclobutyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	8.09 ug/l	186307	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	37
4	Styrene	104	C8H8	000100-42-5	35
5	Indan, epoxide	132	C9H8O	000768-22-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025902.D
Acq On : 06 Aug 2018 21:36
Operator : MD/SY
Sample : J4263-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.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
Benzene, 1-ethyl-...	10.71	19.4	ug/l	446572	4	11.49	1151930	50.0
Benzene, 1,2,3-tr...	11.57	25.8	ug/l	594400	4	11.49	1151930	50.0
Indane	11.77	11.5	ug/l	264386	4	11.49	1151930	50.0
Benzene, 2-ethyl-...	12.26	8.2	ug/l	189596	4	11.49	1151930	50.0
Benzene, 1-etheny...	12.36	8.7	ug/l	199387	4	11.49	1151930	50.0
Benzene, 1,2,3,4-...	12.71	11.6	ug/l	268178	4	11.49	1151930	50.0
p-Cymene	13.12	18.4	ug/l	424558	4	11.49	1151930	50.0
Benzene, cyclobutyl-	13.29	8.1	ug/l	186307	4	11.49	1151930	50.0