LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025915.D
Acq On : 07 Aug 2018 03:27
Operator : MD/SY
Sample : J4344-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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	1.088	134	155	176	rBV	461301	528668	24.74%	2.317%
2	2.310	523	535	549	rVB4	11664	27884	1.30%	0.122%
3	2.998	735	749	765	rBV3	28001	62701	2.93%	0.275%
4	4.889	1319	1337	1354	rBV	193029	438794	20.53%	1.923%
5	4.988	1354	1368	1385	rVB	251977	555875	26.01%	2.436%
6	5.313	1455	1469	1491	rVB2	187758	398290	18.64%	1.746%
7	5.892	1632	1649	1673	rBV	366693	731068	34.21%	3.204%
8	6.416	1794	1812	1826	rBV7	8506	22177	1.04%	0.097%
9	7.570	2151	2171	2188	rBV	678553	1217839	56.99%	5.337%
10	7.921	2268	2280	2295	rBV2	19099	34871	1.63%	0.153%
11	8.609	2482	2494	2506	rBV2	30993	57416	2.69%	0.252%
12	9.091	2632	2644	2666	rBV	555337	933721	43.69%	4.092%
13	9.191	2668	2675	2684	rVB4	16292	25768	1.21%	0.113%
14	9.252	2684	2694	2710	rBV	254294	409139	19.14%	1.793%
15	9.381	2719	2734	2750	rBV	285552	495828	23.20%	2.173%
16	9.725	2827	2841	2853	rBV6	15984	44951	2.10%	0.197%
17	9.783	2853	2859	2880	rVB4	17197	36476	1.71%	0.160%
18	9.956	2895	2913	2927	rBV5	24356	48818	2.28%	0.214%
19	10.053	2929	2943	2952	rBV6	16032	33638	1.57%	0.147%
20	10.168	2969	2979	2991	rBV	110426	172337	8.06%	0.755%
21	10.310	3011	3023	3038	rBV	570424	928557	43.45%	4.070%
22	10.496	3073	3081	3098	rVB6	21412	42288	1.98%	0.185%
23	10.590	3098	3110	3127	rBV	185886	295535	13.83%	1.295%
24	10.686	3128	3140	3143	rVV	386758	575044	26.91%	2.520%
25	10.709	3144	3147	3158	rVV	454988	572669	26.80%	2.510%
26	10.776	3158	3168	3188	rVB	250966	391534	18.32%	1.716%
27	10.975	3216	3230	3251	rVB	825687	1295511	60.62%	5.678%
28	11.152	3273	3285	3299	rVB	1410764	2137106	100.00%	9.366%
29	11.294	3316	3329	3332	rBV3	23111	38677	1.81%	0.170%
30	11.326	3332	3339	3352	rVB	77583	124568	5.83%	0.546%
31	11.429	3357	3371	3379	rBV	169200	262708	12.29%	1.151%
32	11.487	3379	3389	3404	rVV2	823796	1318787	61.71%	5.780%
33	11.573	3404	3416	3430	rVB	467865	718751	33.63%	3.150%
34	11.692	3441	3453	3466	rVB3	43979	74432	3.48%	0.326%

LSC Area Percent Report

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Operator : MD/SY
Sample : J4344-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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	11.779	3466	3480	3485	rBV4	190352	397631	18.61%	1.743%
36	11.811	3485	3490	3499	rVV	208095	300881	14.08%	1.319%
37	11.872	3499	3509	3530	rVB5	196438	420473	19.67%	1.843%
38	11.985	3530	3544	3555	rBV	115925	180517	8.45%	0.791%
39	12.059	3555	3567	3580	rBV	312841	491428	23.00%	2.154%
40	12.149	3583	3595	3599	rBV	238268	349072	16.33%	1.530%
41	12.178	3600	3604	3615	rVB	281573	380593	17.81%	1.668%
42	12.255	3615	3628	3635	rBV	274374	422885	19.79%	1.853%
43	12.358	3650	3660	3691	rVB3	166926	484750	22.68%	2.124%
44	12.496	3693	3703	3710	rBV3	46774	76889	3.60%	0.337%
45	12.554	3710	3721	3733	rVB2	180130	303714	14.21%	1.331%
46	12.651	3733	3751	3759	rBV	150539	277533	12.99%	1.216%
47	12.705	3759	3768	3782	rVB	304918	483678	22.63%	2.120%
48	12.792	3785	3795	3802	rBV3	59330	97753	4.57%	0.428%
49	12.934	3830	3839	3844	rBV4	52813	90208	4.22%	0.395%
50	12.966	3845	3849	3856	rVB2	58586	71806	3.36%	0.315%
51	13.033	3864	3870	3877	rVB	27475	36209	1.69%	0.159%
52	13.085	3877	3886	3888	rBV3	50016	61537	2.88%	0.270%
53	13.123	3889	3898	3913	rVB2	495331	815861	38.18%	3.576%
54	13.239	3928	3934	3939	rBV	19500	25762	1.21%	0.113%
55	13.290	3940	3950	3971	rVB	180036	320313	14.99%	1.404%
56	13.409	3978	3987	3995	rBV4	29586	54052	2.53%	0.237%
57	13.458	3996	4002	4009	rVB	31332	42048	1.97%	0.184%
58	13.512	4009	4019	4025	rBV4	89811	152020	7.11%	0.666%
59	13.580	4035	4040	4044	rBV2	19162	21477	1.00%	0.094%
60	13.612	4045	4050	4057	rVB	41485	48216	2.26%	0.211%
61	13.744	4080	4091	4100	rBV	136358	230546	10.79%	1.010%
62	13.789	4100	4105	4116	rVB2	41383	65579	3.07%	0.287%
63	13.860	4117	4127	4142	rBV5	35078	72664	3.40%	0.318%
64	13.956	4149	4157	4170	rBV5	43992	89788	4.20%	0.394%
65	14.017	4171	4176	4185	rVB4	20095	28894	1.35%	0.127%
66	14.155	4209	4219	4223	rBV2	18129	29930	1.40%	0.131%
67	14.351	4266	4280	4291	rBV4	68849	160764	7.52%	0.705%
68	14.480	4313	4320	4331	rVV3	16329	25624	1.20%	0.112%
69	14.544	4331	4340	4352	rVB4	20918	44239	2.07%	0.194%
70	14.679	4372	4382	4398	rBV3	65871	118691	5.55%	0.520%
71	14.882	4433	4445	4456	rBV	127922	225924	10.57%	0.990%

LSC Area Percent Report

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Operator : MD/SY
Sample : J4344-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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	14.937	4458	4462	4479	rVB6	16015	30150	1.41%	0.132%
73	15.065	4491	4502	4517	rBV	100282	172075	8.05%	0.754%
74	15.924	4759	4769	4779	rBV6	11372	22834	1.07%	0.100%
75	16.065	4801	4813	4820	rBV2	21291	40025	1.87%	0.175%

Sum of corrected areas: 22817459

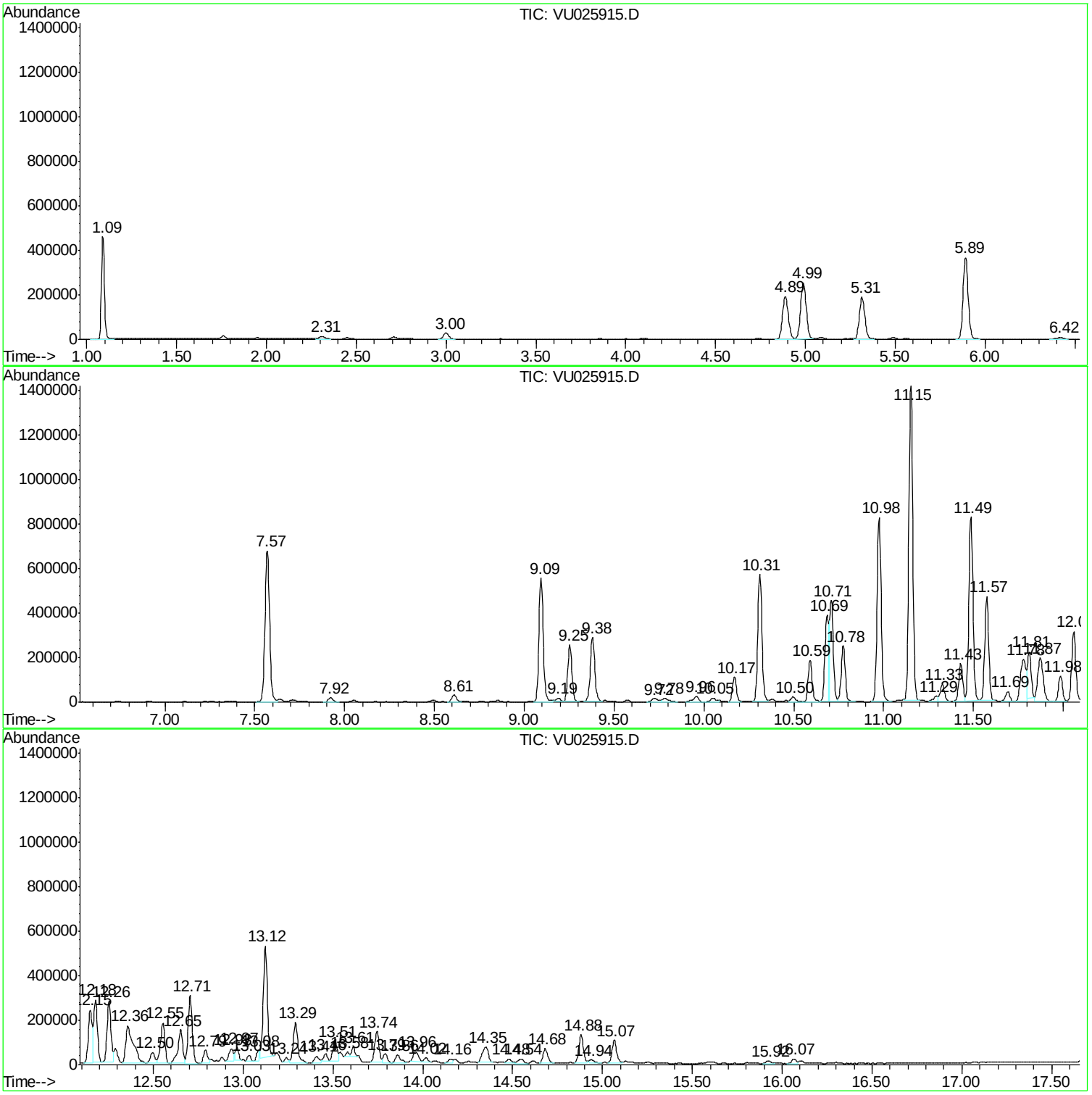
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025915.D
Acq On : 07 Aug 2018 03:27
Operator : MD/SY
Sample : J4344-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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 : VU025915.D
Acq On : 07 Aug 2018 03:27
Operator : MD/SY
Sample : J4344-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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

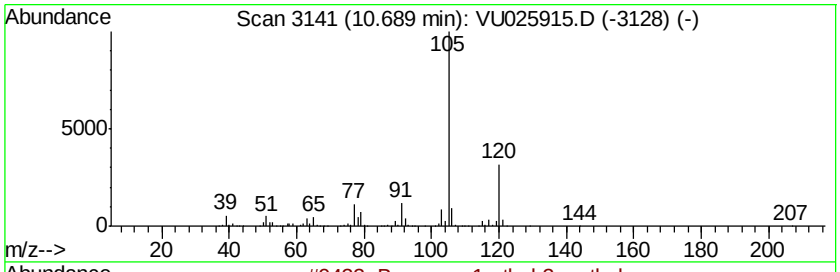
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

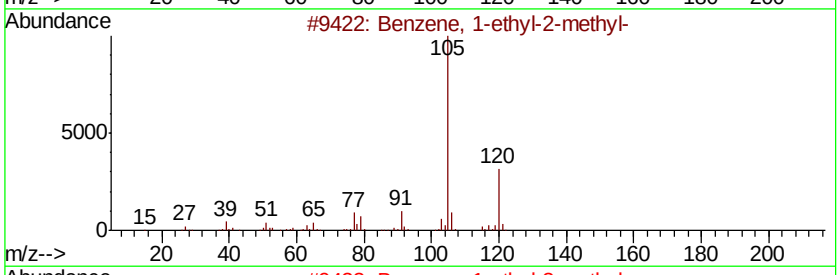
****

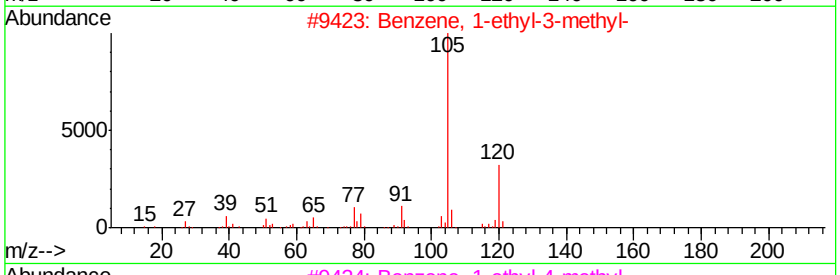
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

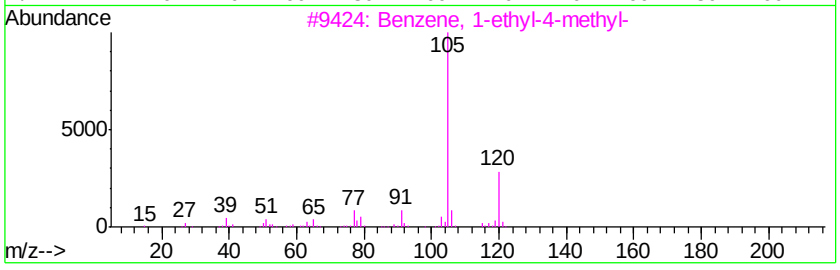
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	21.80 ug/l	575044	1,4-Dichlorobenzene-d4	11.49

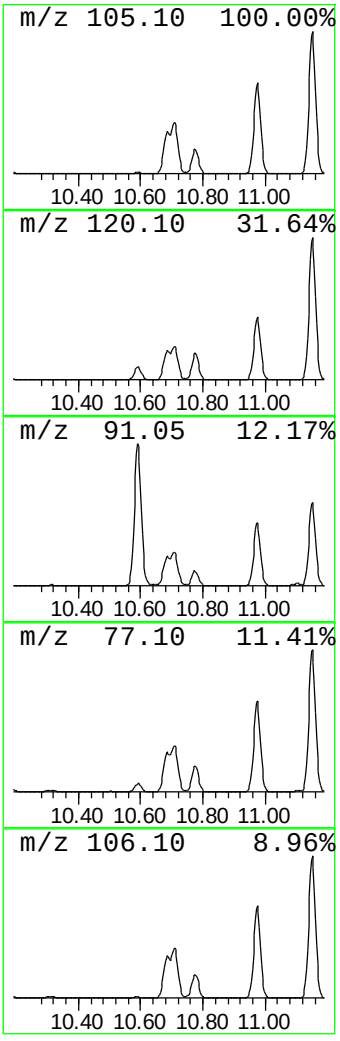
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91











Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025915.D
Acq On : 07 Aug 2018 03:27
Operator : MD/SY
Sample : J4344-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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

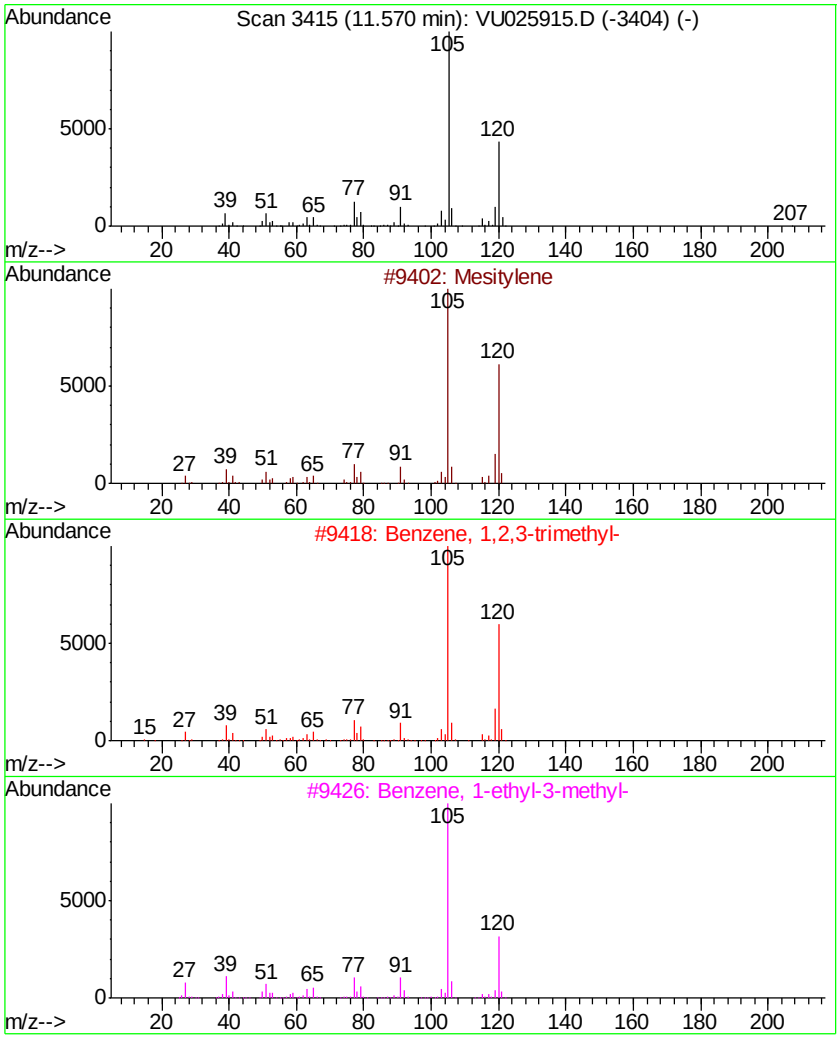
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

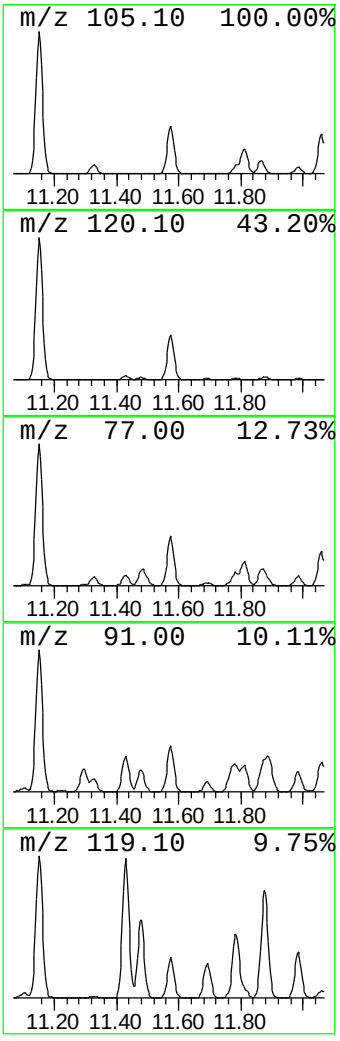
****

Peak Number 5 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	27.25 ug/l	718751	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Data File : VU025915.D
Acq On : 07 Aug 2018 03:27
Operator : MD/SY
Sample : J4344-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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

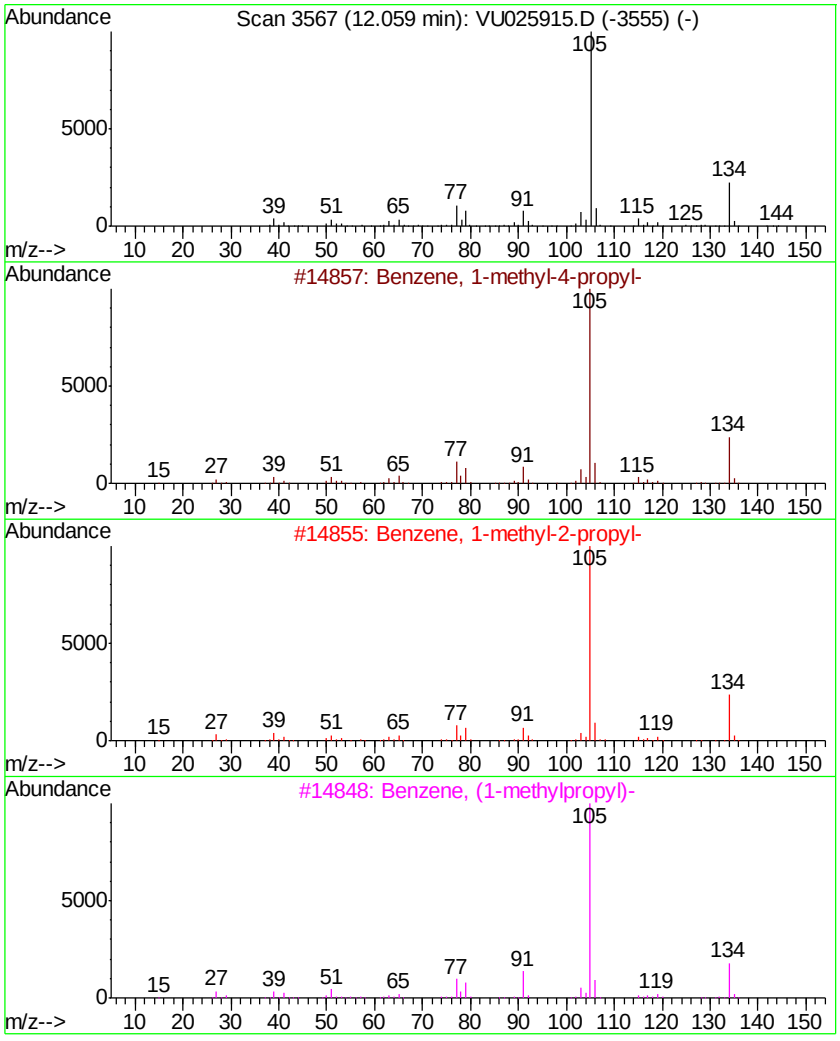
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

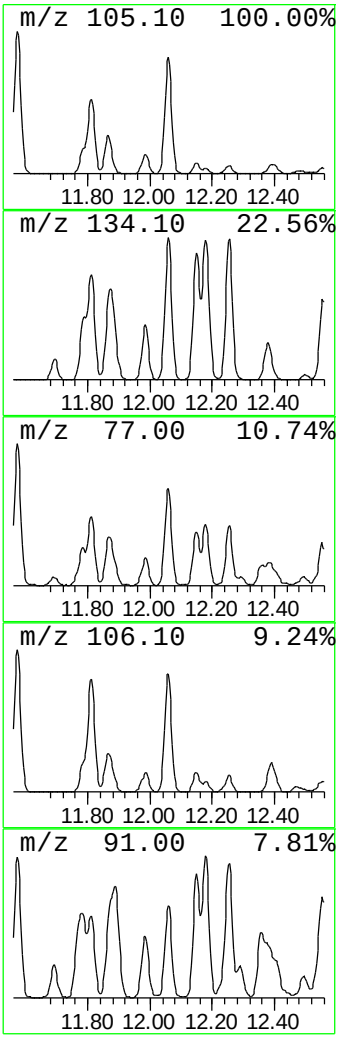
****

Peak Number 6 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	18.63 ug/l	491428	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80
5	2-Tolyloxirane	134	C9H10O	002783-26-8	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
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Operator : MD/SY
Sample : J4344-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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

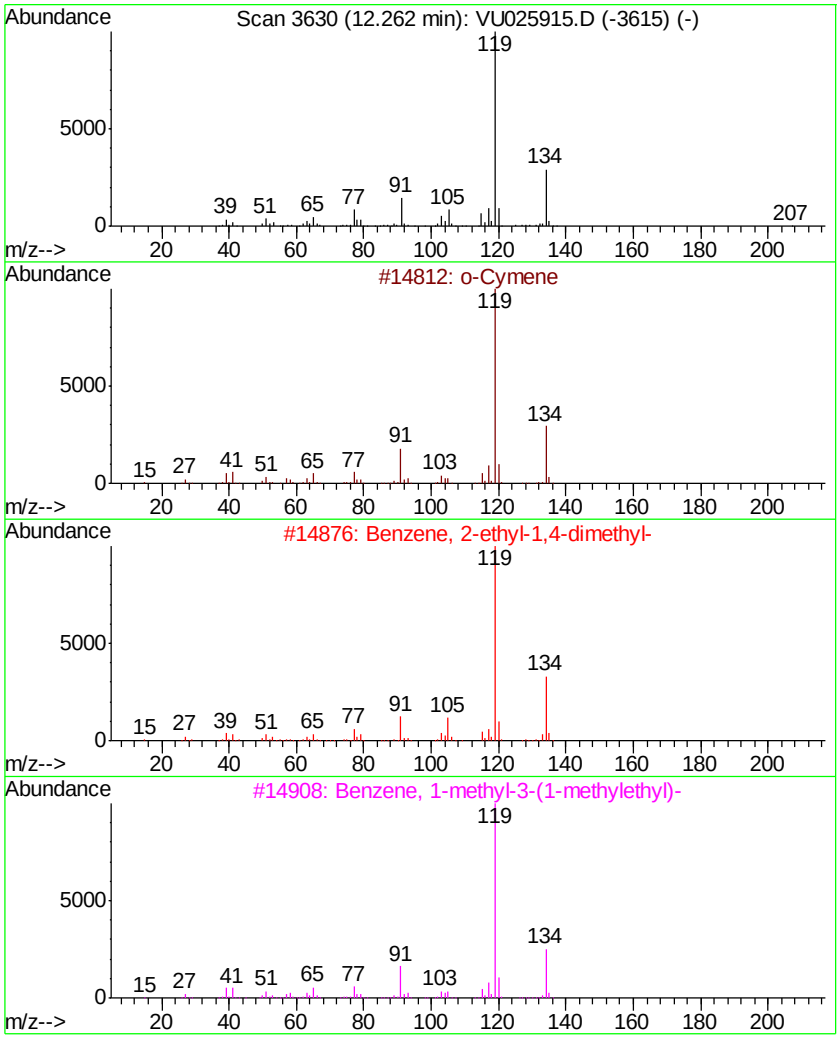
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

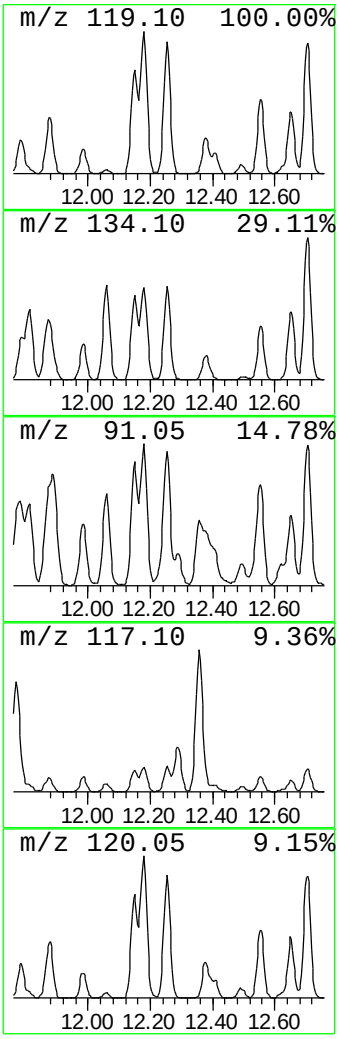
****

Peak Number 7 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	16.03 ug/l	422885	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





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ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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

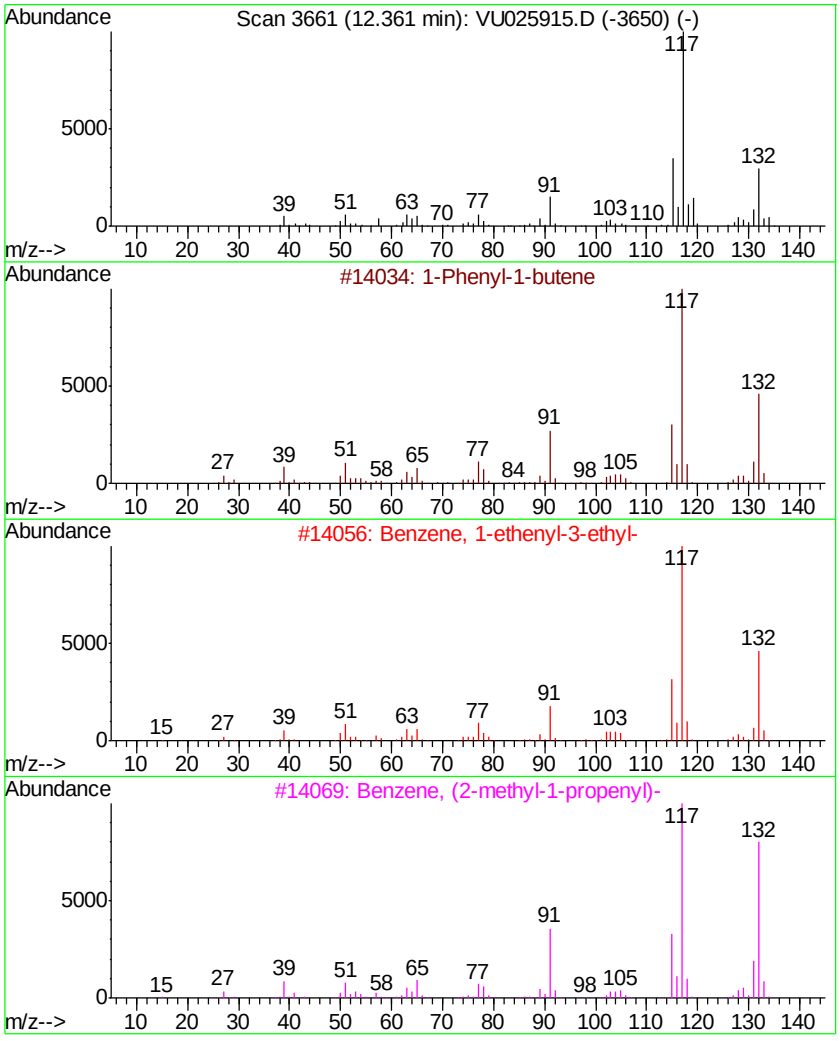
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

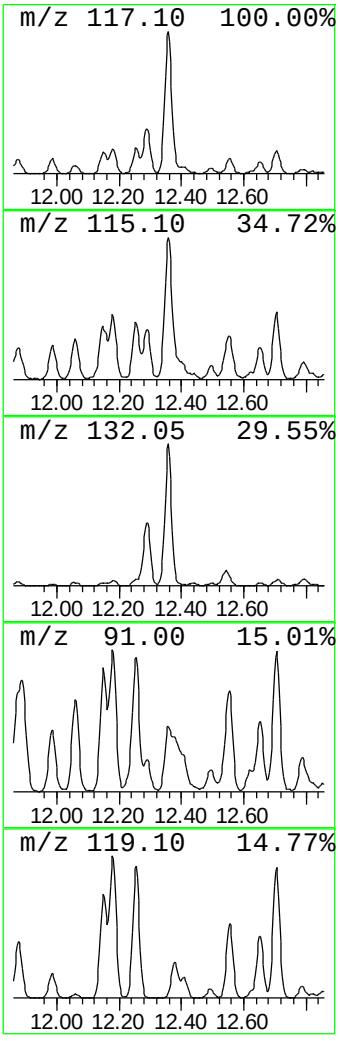
****

Peak Number 8 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	18.38 ug/l	484750	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Library Search Compound Report

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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

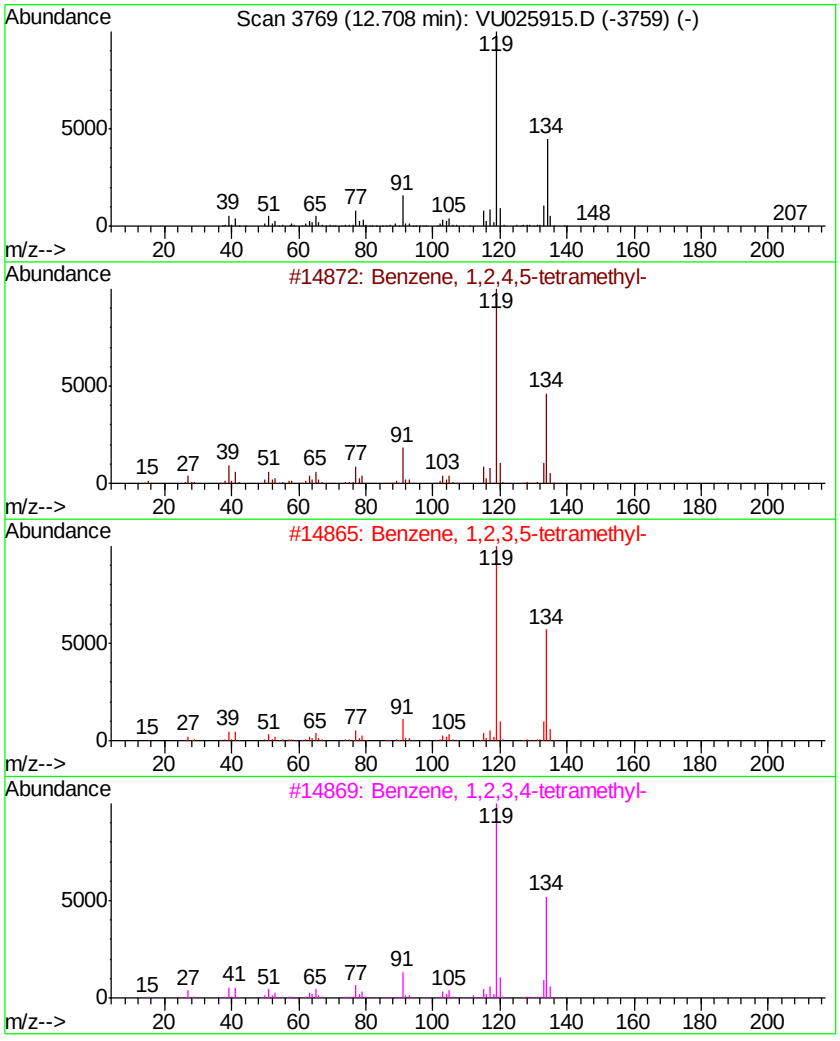
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

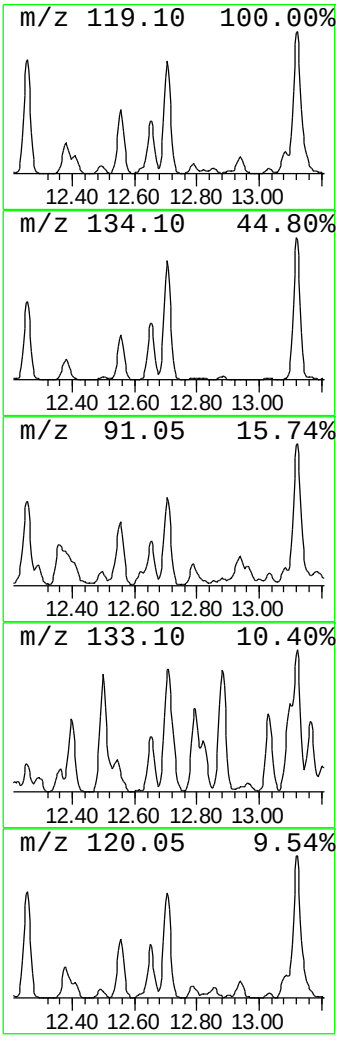
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	18.34 ug/l	483678	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	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025915.D
Acq On : 07 Aug 2018 03:27
Operator : MD/SY
Sample : J4344-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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

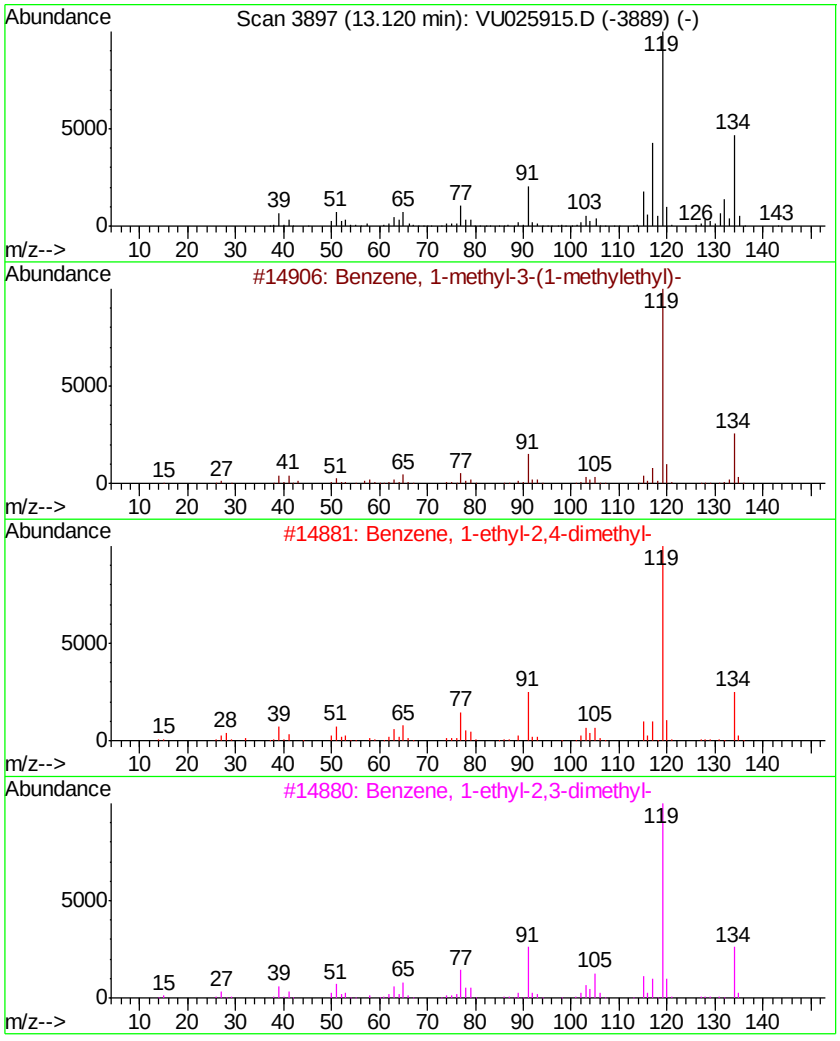
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

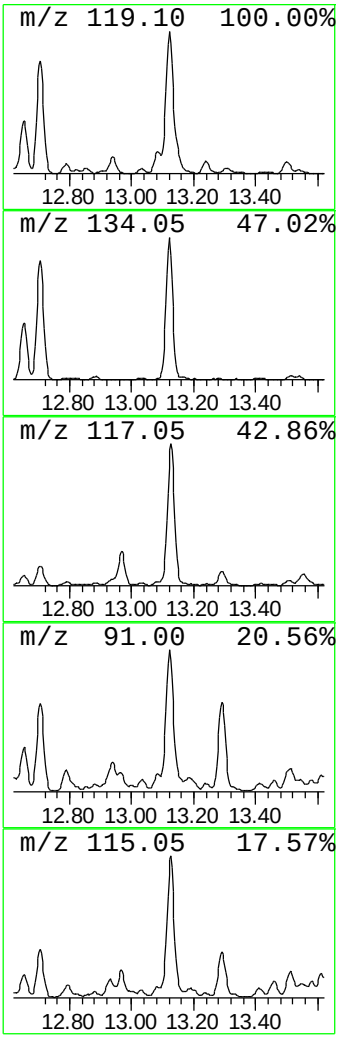
****

Peak Number 10 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	30.93 ug/l	815861	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	64
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025915.D
Acq On : 07 Aug 2018 03:27
Operator : MD/SY
Sample : J4344-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0564

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-...	10.69	21.8	ug/l	575044	4	11.49	1318790	50.0
Mesitylene	11.57	27.3	ug/l	718751	4	11.49	1318790	50.0
Benzene, 1-methyl...	12.06	18.6	ug/l	491428	4	11.49	1318790	50.0
o-Cymene	12.26	16.0	ug/l	422885	4	11.49	1318790	50.0
1-Phenyl-1-butene	12.36	18.4	ug/l	484750	4	11.49	1318790	50.0
Benzene, 1,2,4,5-...	12.71	18.3	ug/l	483678	4	11.49	1318790	50.0
Benzene, 1-methyl...	13.12	30.9	ug/l	815861	4	11.49	1318790	50.0