LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025914.D
Acq On : 07 Aug 2018 03:04
Operator : MD/SY
Sample : J4263-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0524

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	136	155	175	rBV	267059	313736	3.10%	0.479%
2	1.760	353	364	377	rBV	168885	219924	2.17%	0.336%
3	1.950	413	423	438	rBV	221496	293564	2.90%	0.448%
4	2.307	522	534	557	rVB	60051	122976	1.21%	0.188%
5	2.747	646	671	680	rBV	270015	678085	6.69%	1.036%
6	2.796	680	686	708	rVB	118350	219818	2.17%	0.336%
7	3.001	731	750	770	rBV	264758	564706	5.57%	0.863%
8	3.307	829	845	865	rBV	234281	499406	4.93%	0.763%
9	4.101	1073	1092	1113	rVB2	323211	864695	8.53%	1.321%
10	4.889	1319	1337	1353	rBV	192720	439150	4.33%	0.671%
11	4.995	1353	1370	1387	rVV3	574667	1444316	14.25%	2.207%
12	5.088	1387	1399	1419	rVB2	74199	189135	1.87%	0.289%
13	5.223	1424	1441	1459	rBV4	144798	414462	4.09%	0.633%
14	5.313	1460	1469	1492	rVB	189050	405066	4.00%	0.619%
15	5.487	1507	1523	1535	rBV2	92111	208735	2.06%	0.319%
16	5.561	1535	1546	1556	rVV3	74802	163525	1.61%	0.250%
17	5.628	1556	1567	1585	rVB	125032	280835	2.77%	0.429%
18	5.789	1602	1617	1636	rBV	79712	161889	1.60%	0.247%
19	5.892	1636	1649	1664	rBV	371168	725845	7.16%	1.109%
20	6.419	1792	1813	1840	rBV	787329	1711674	16.89%	2.615%
21	6.644	1871	1883	1899	rVB	86857	163093	1.61%	0.249%
22	7.570	2146	2171	2187	rBV	741756	1486650	14.67%	2.271%
23	7.712	2203	2215	2230	rBV4	48309	126155	1.25%	0.193%
24	7.921	2269	2280	2300	rVB3	99429	183091	1.81%	0.280%
25	8.548	2466	2475	2485	rVV	116900	193832	1.91%	0.296%
26	8.609	2485	2494	2504	rVV2	66558	110631	1.09%	0.169%
27	9.094	2633	2645	2662	rBV	553352	923713	9.12%	1.411%
28	9.191	2664	2675	2683	rVV2	62737	116299	1.15%	0.178%
29	9.252	2683	2694	2718	rVV	2507094	4039098	39.86%	6.171%
30	9.377	2719	2733	2782	rVB	6120019	10132195	100.00%	15.479%
31	9.783	2848	2859	2889	rVB	662328	1087781	10.74%	1.662%
32	10.168	2968	2979	2994	rBV	341919	539142	5.32%	0.824%
33	10.310	3011	3023	3038	rBV	591817	946795	9.34%	1.446%
34	10.590	3099	3110	3127	rVB	641625	987824	9.75%	1.509%

LSC Area Percent Report

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Operator : MD/SY
Sample : J4263-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0524

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	10.683	3127	3139	3144	rBV	1493472	2387802	23.57%	3.648%
36	10.776	3158	3168	3188	rVB	1333534	2024734	19.98%	3.093%
37	10.975	3212	3230	3251	rBV	1454440	2275165	22.45%	3.476%
38	11.152	3273	3285	3311	rVB	4109742	6260502	61.79%	9.564%
39	11.326	3333	3339	3350	rVB	183918	283844	2.80%	0.434%
40	11.429	3357	3371	3379	rBV	317174	483619	4.77%	0.739%
41	11.483	3379	3388	3403	rVV2	941860	1543314	15.23%	2.358%
42	11.573	3403	3416	3431	rVV	1833006	2805050	27.68%	4.285%
43	11.692	3441	3453	3465	rVB	79772	123072	1.21%	0.188%
44	11.773	3465	3478	3485	rBV4	525542	1063434	10.50%	1.625%
45	11.811	3486	3490	3498	rVB	364193	463483	4.57%	0.708%
46	11.876	3498	3510	3532	rVB4	740022	1516400	14.97%	2.317%
47	11.985	3532	3544	3555	rBV	201234	308730	3.05%	0.472%
48	12.059	3555	3567	3581	rBV	560996	862113	8.51%	1.317%
49	12.149	3582	3595	3599	rBV	574863	841711	8.31%	1.286%
50	12.178	3600	3604	3615	rVB	632586	849916	8.39%	1.298%
51	12.255	3615	3628	3635	rBV	642994	1000939	9.88%	1.529%
52	12.358	3649	3660	3691	rBV4	317149	888805	8.77%	1.358%
53	12.554	3710	3721	3733	rVB3	409435	689606	6.81%	1.054%
54	12.651	3733	3751	3759	rBV	358179	599743	5.92%	0.916%
55	12.705	3759	3768	3783	rVB	666987	1009915	9.97%	1.543%
56	12.792	3784	3795	3801	rBV3	81952	135002	1.33%	0.206%
57	12.934	3829	3839	3843	rBV5	68654	113583	1.12%	0.174%
58	12.966	3843	3849	3859	rVB	174427	247559	2.44%	0.378%
59	13.123	3888	3898	3913	rVB2	1095700	1745146	17.22%	2.666%
60	13.290	3940	3950	3974	rVB	329593	552665	5.45%	0.844%
61	13.512	4009	4019	4026	rBV4	138938	239092	2.36%	0.365%
62	13.744	4073	4091	4101	rBV	656118	1075983	10.62%	1.644%
63	13.856	4116	4126	4140	rBV2	62193	101543	1.00%	0.155%
64	13.956	4141	4157	4168	rBV4	76540	175722	1.73%	0.268%
65	14.351	4265	4280	4293	rBV3	130134	286841	2.83%	0.438%
66	14.679	4371	4382	4397	rBV2	122622	209936	2.07%	0.321%
67	14.879	4432	4444	4456	rBV	495504	786184	7.76%	1.201%
68	15.065	4491	4502	4517	rBV	332125	547893	5.41%	0.837%

Sum of corrected areas: 65456887

LSC Report - Integrated Chromatogram

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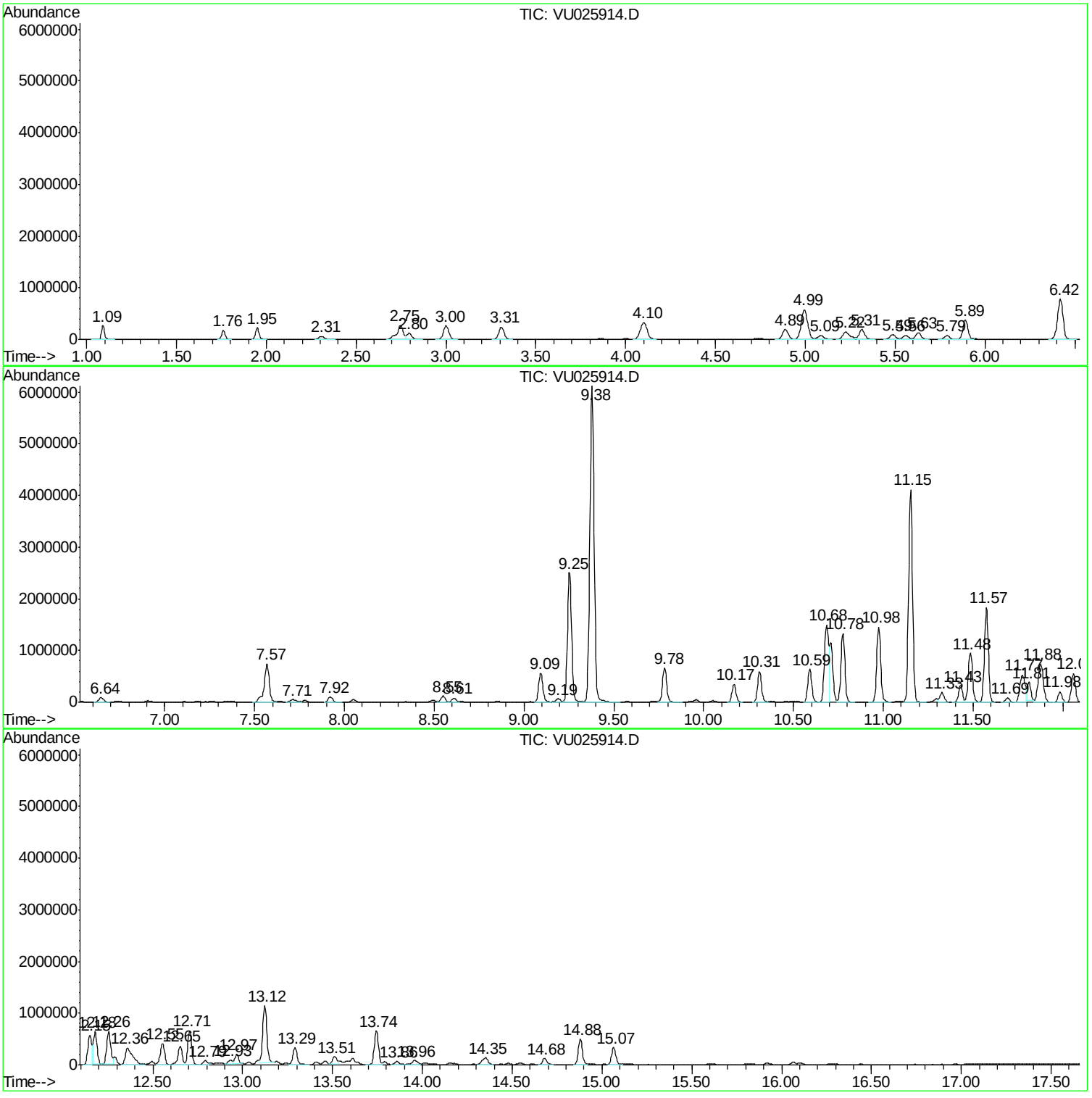
Data File : VU025914.D
Acq On : 07 Aug 2018 03:04
Operator : MD/SY
Sample : J4263-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0524

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025914.D
Acq On : 07 Aug 2018 03:04
Operator : MD/SY
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

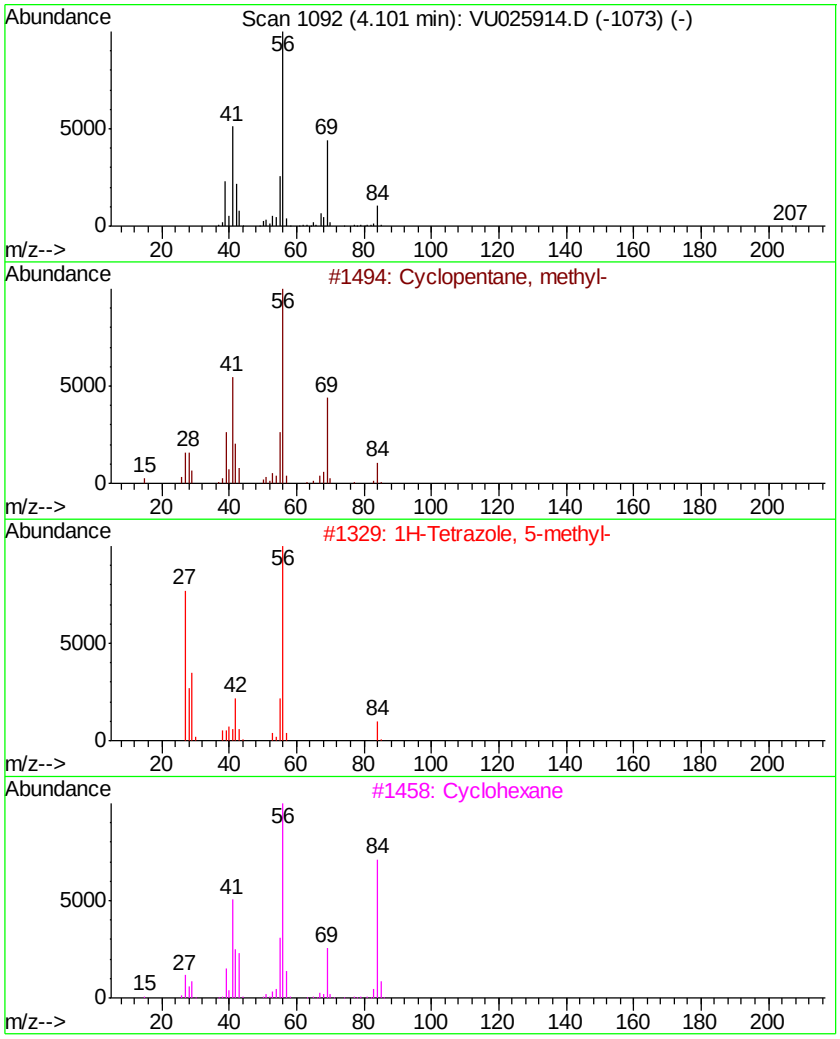
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

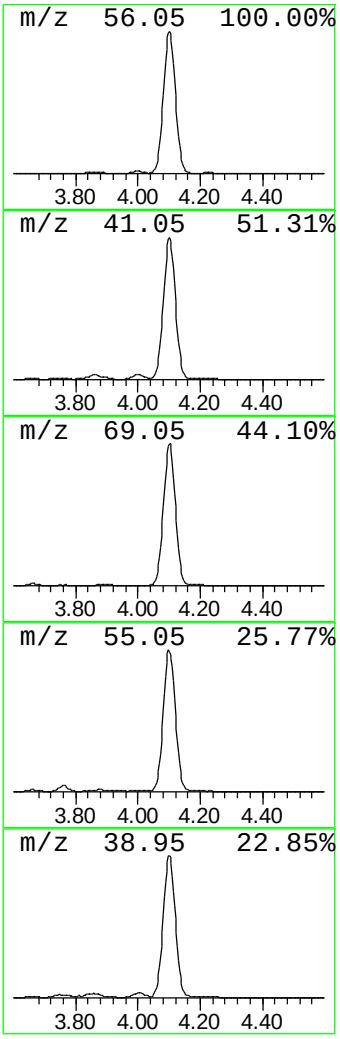
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	29.93 ug/l	864695	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane	56	C4H8	000287-23-0	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025914.D
Acq On : 07 Aug 2018 03:04
Operator : MD/SY
Sample : J4263-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0524

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

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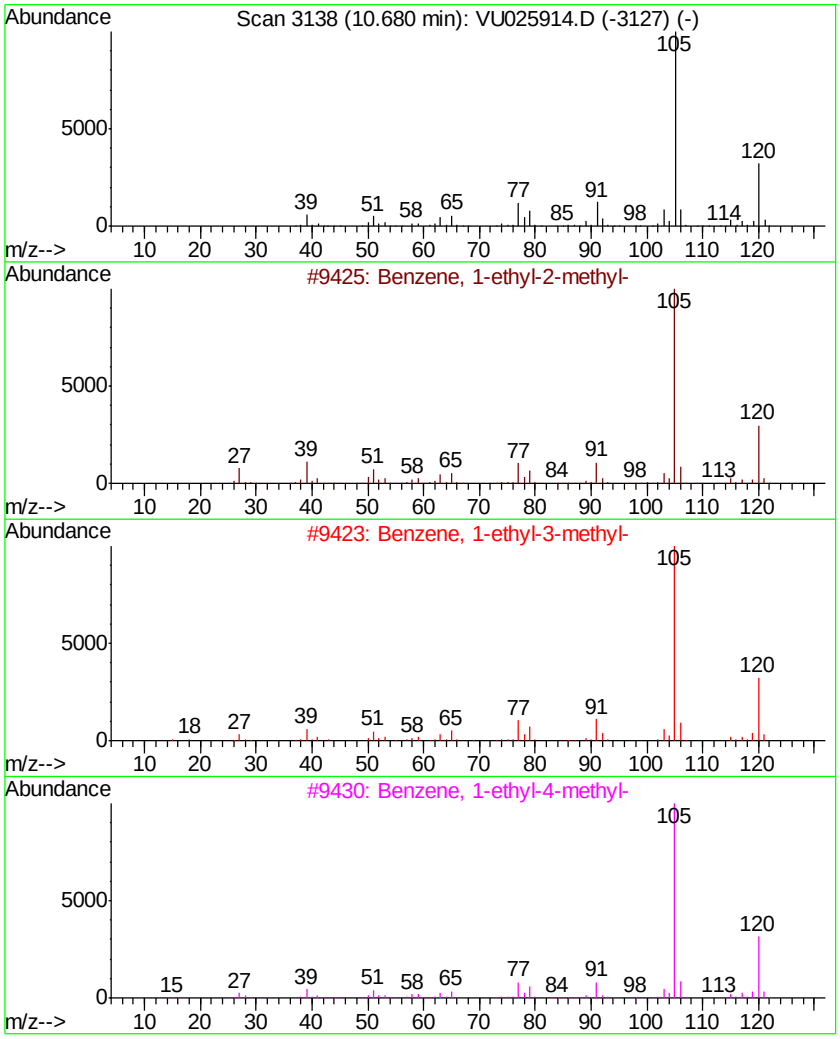
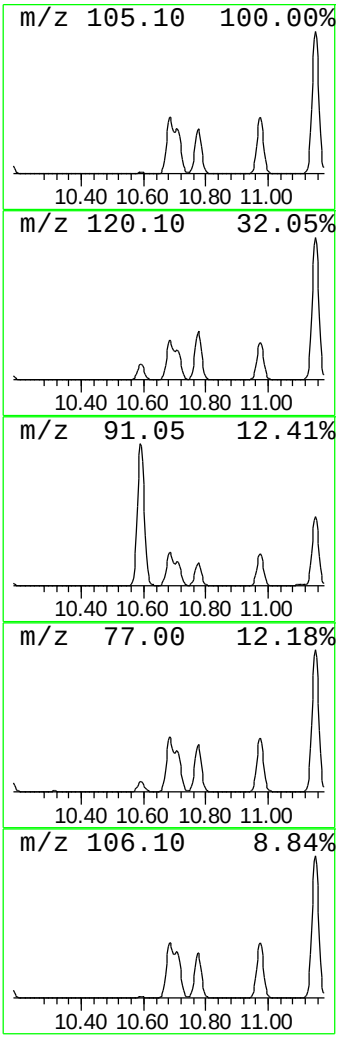
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	77.36 ug/l	2387800	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025914.D
Acq On : 07 Aug 2018 03:04
Operator : MD/SY
Sample : J4263-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0524

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

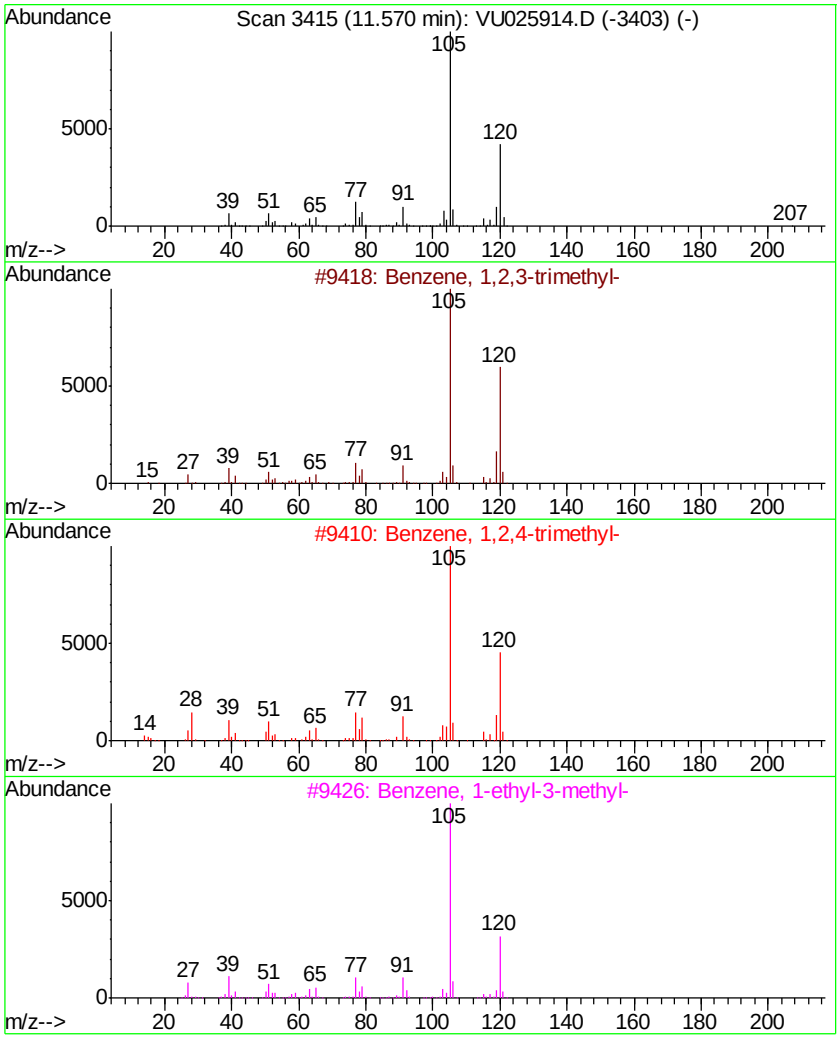
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

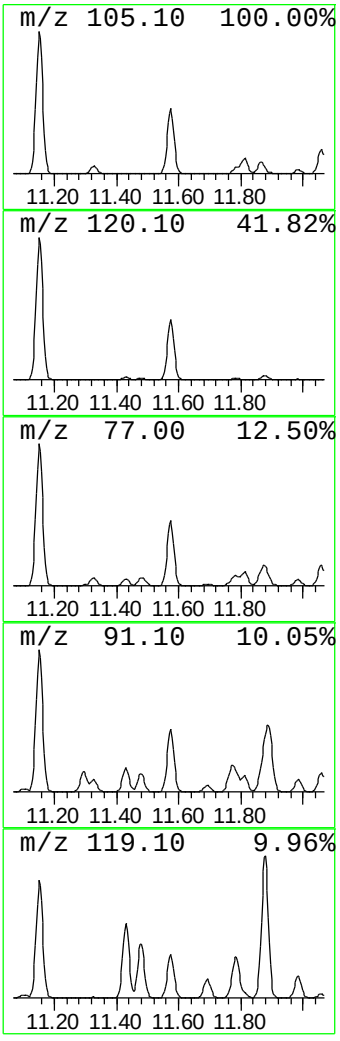
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	90.88 ug/l	2805050	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025914.D
Acq On : 07 Aug 2018 03:04
Operator : MD/SY
Sample : J4263-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0524

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

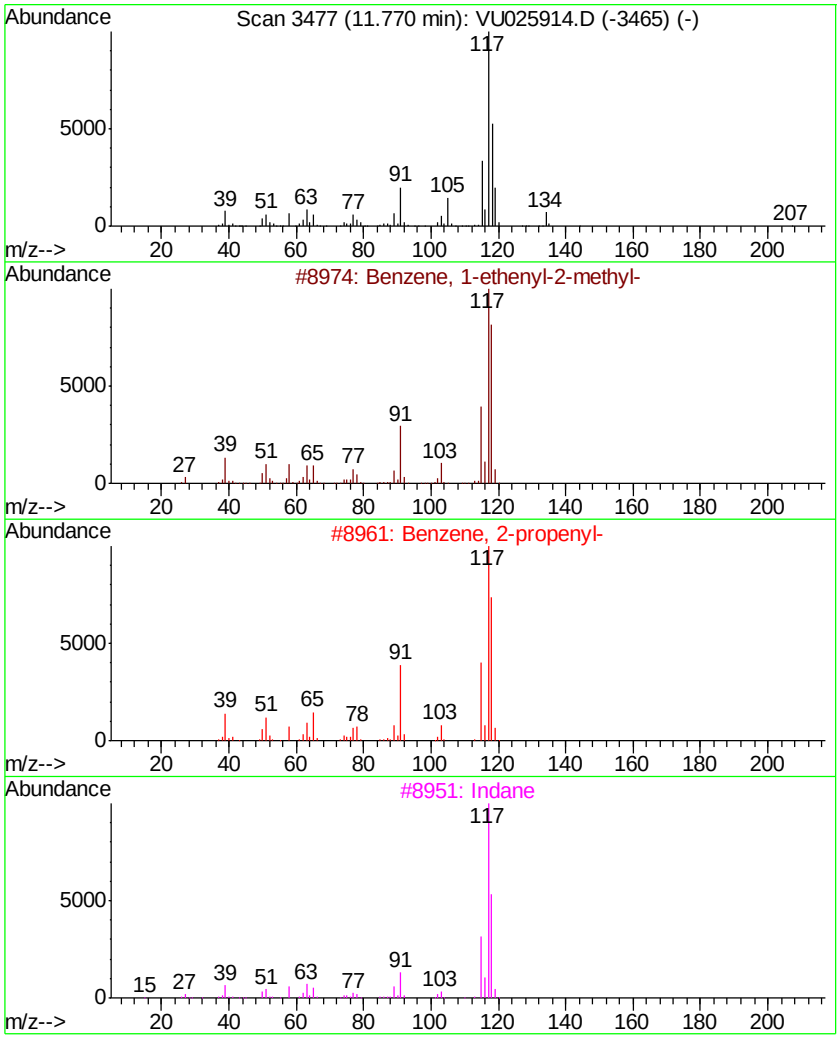
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

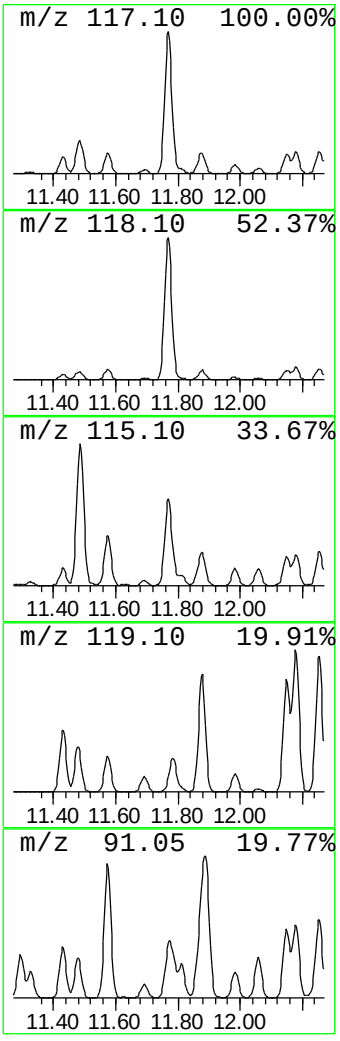
****

Peak Number 5 Benzene, 1-ethenyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	34.45 ug/l	1063430	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3	Indane	118	C9H10	000496-11-7	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	59





Library Search Compound Report

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Operator : MD/SY
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0524

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

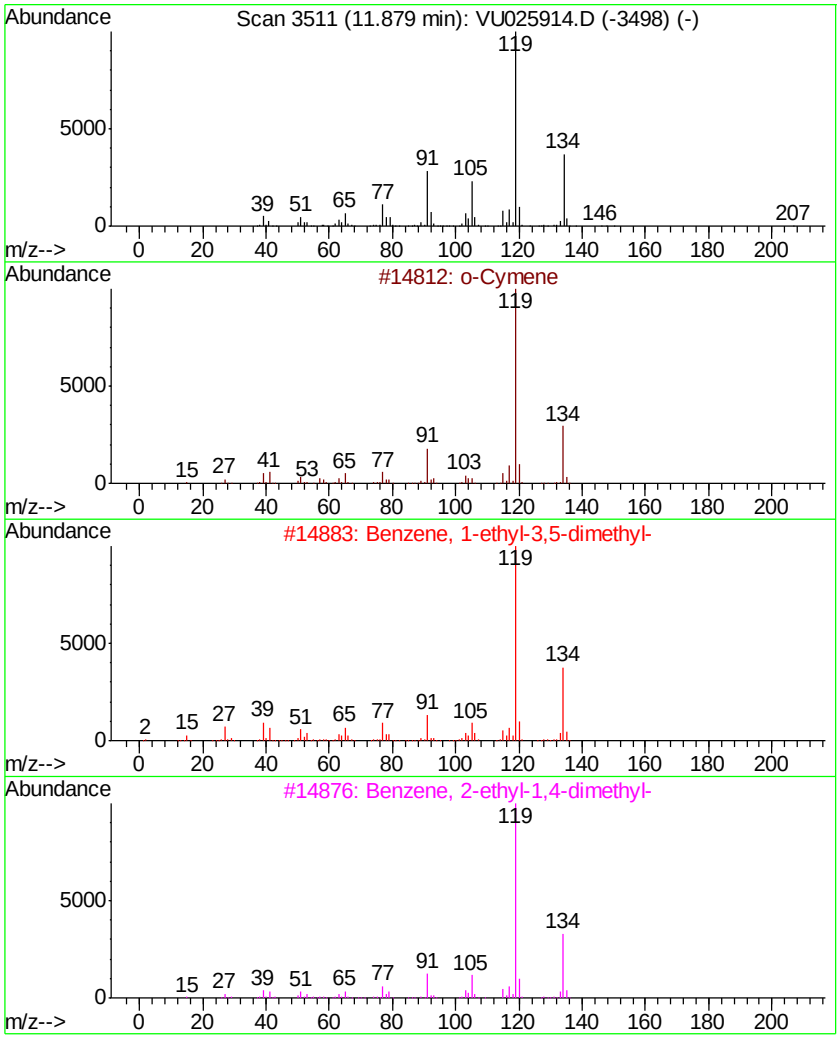
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

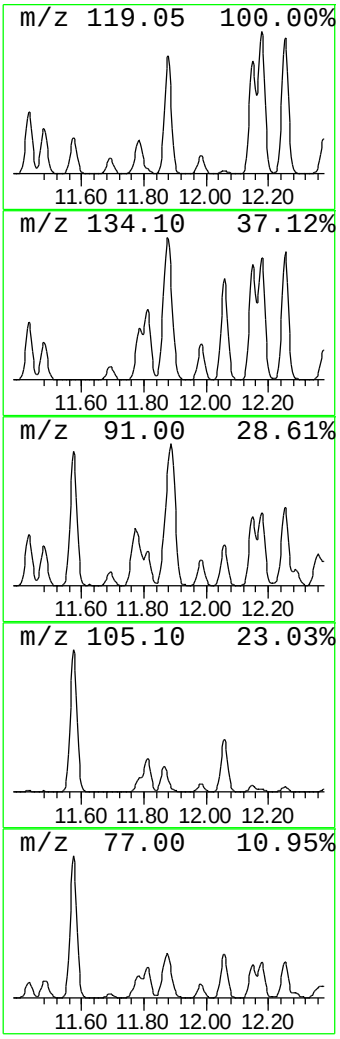
****

Peak Number 6 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	49.13 ug/l	1516400	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





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ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0524

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

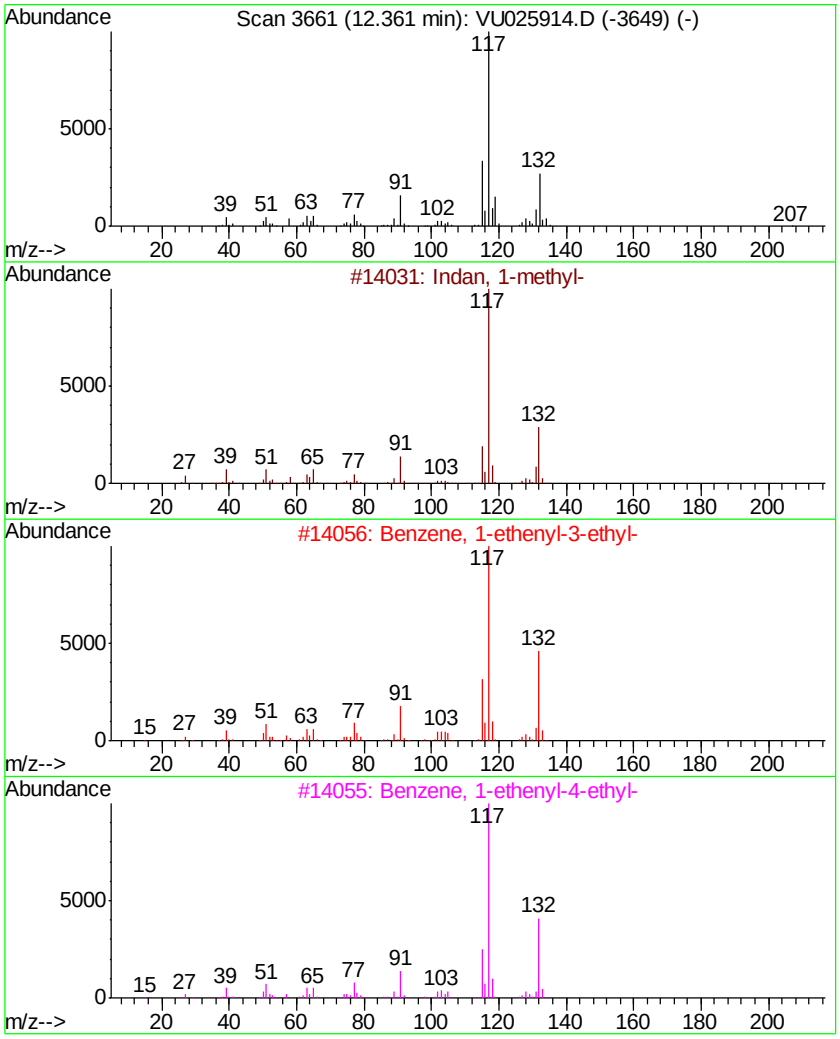
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

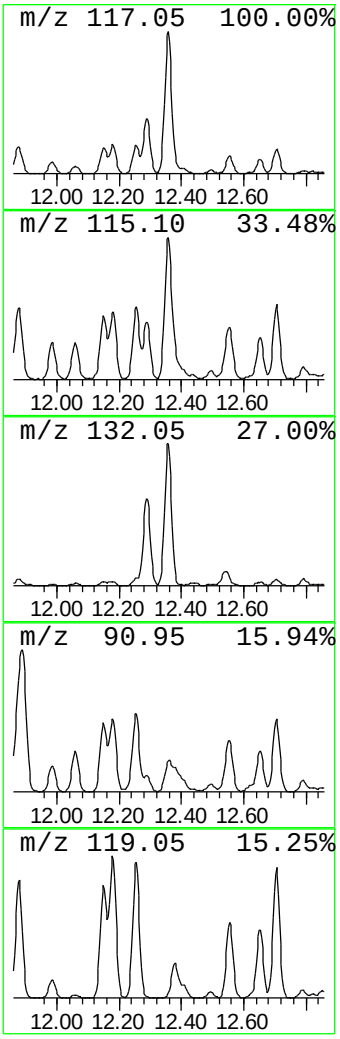
****

Peak Number 8 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	28.80 ug/l	888805	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025914.D
Acq On : 07 Aug 2018 03:04
Operator : MD/SY
Sample : J4263-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0524

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

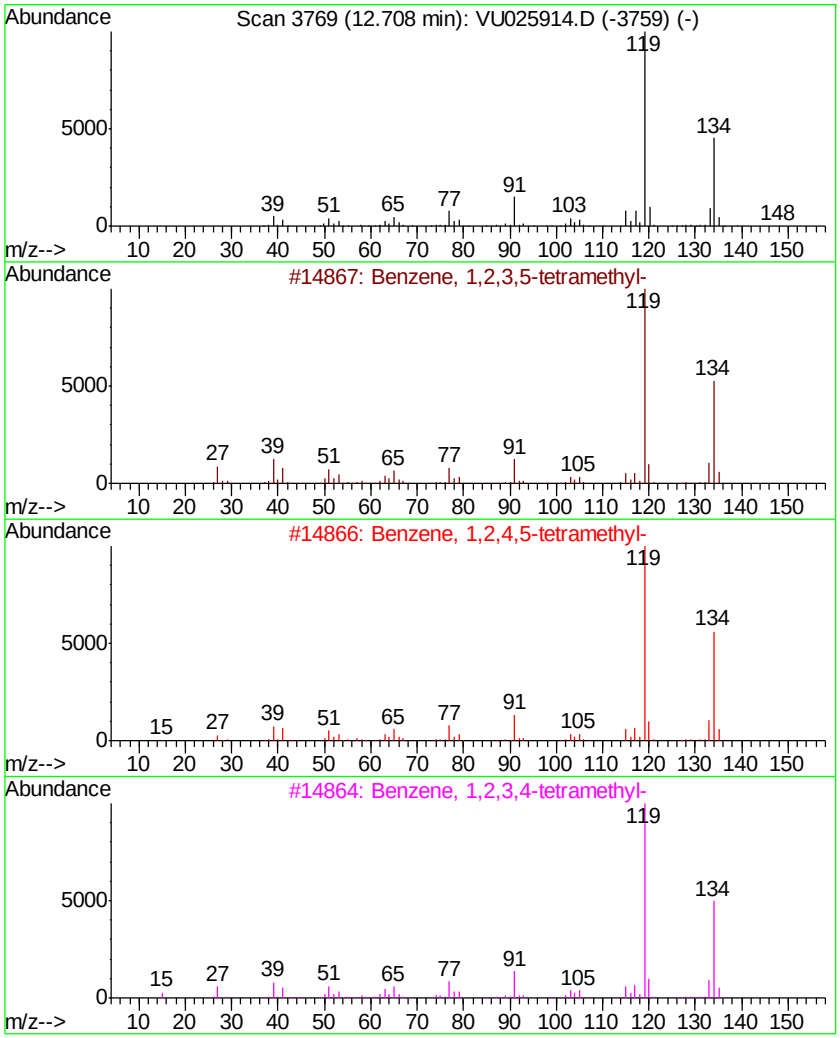
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

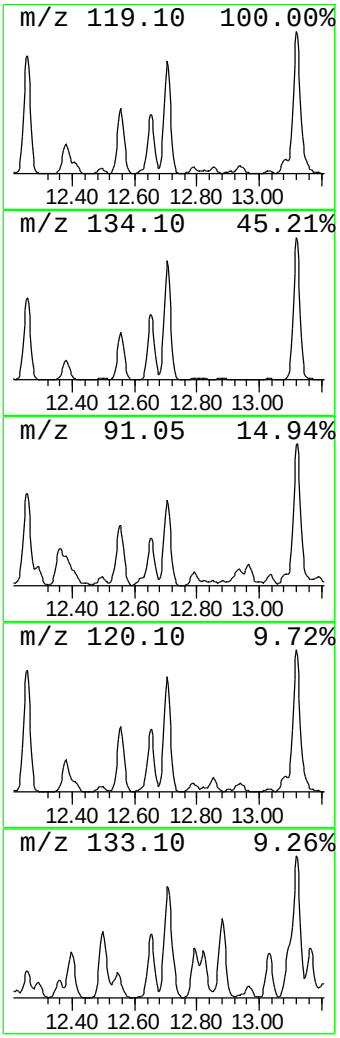
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	32.72 ug/l	1009920	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	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025914.D
Acq On : 07 Aug 2018 03:04
Operator : MD/SY
Sample : J4263-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0524

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
Cyclopentane, met...	4.10	29.9	ug/l	864695	1	4.99	1444320	50.0
Benzene, 1-ethyl-...	10.68	77.4	ug/l	2387800	4	11.49	1543310	50.0
Benzene, 1,2,3-tr...	11.57	90.9	ug/l	2805050	4	11.49	1543310	50.0
Benzene, 1-etheny...	11.77	34.5	ug/l	1063430	4	11.49	1543310	50.0
o-Cymene	11.88	49.1	ug/l	1516400	4	11.49	1543310	50.0
Indan, 1-methyl-	12.36	28.8	ug/l	888805	4	11.49	1543310	50.0
Benzene, 1,2,3,5-...	12.71	32.7	ug/l	1009920	4	11.49	1543310	50.0