LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025912.D
Acq On : 07 Aug 2018 02:17
Operator : MD/SY
Sample : J4263-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

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	137	155	177	rBV	316290	364387	4.65%	0.644%
2	1.760	355	364	379	rVB	114154	149030	1.90%	0.263%
3	1.950	412	423	434	rBV	137280	187365	2.39%	0.331%
4	2.307	520	534	555	rVB3	39885	86242	1.10%	0.152%
5	2.712	646	660	661	rBV	65460	95615	1.22%	0.169%
6	2.748	663	671	679	rVV	180899	368763	4.70%	0.652%
7	2.793	679	685	713	rVB2	141171	272967	3.48%	0.483%
8	2.998	733	749	769	rBV	217076	459463	5.86%	0.812%
9	3.307	830	845	870	rBV2	101802	214556	2.74%	0.379%
10	4.101	1073	1092	1112	rBV	443447	1186995	15.14%	2.098%
11	4.889	1320	1337	1353	rBV	183356	417721	5.33%	0.738%
12	4.998	1353	1371	1388	rVV2	734962	1860581	23.73%	3.289%
13	5.085	1388	1398	1418	rVB3	55152	135395	1.73%	0.239%
14	5.226	1423	1442	1449	rBV3	71289	172319	2.20%	0.305%
15	5.313	1460	1469	1485	rVB	180915	370818	4.73%	0.655%
16	5.487	1507	1523	1534	rBV3	84197	191820	2.45%	0.339%
17	5.561	1535	1546	1556	rVV3	73790	161004	2.05%	0.285%
18	5.628	1556	1567	1585	rVB3	116060	259598	3.31%	0.459%
19	5.892	1634	1649	1686	rBV	354486	704182	8.98%	1.245%
20	6.419	1790	1813	1841	rBV	737050	1602539	20.44%	2.833%
21	6.648	1870	1884	1899	rVB	66119	128195	1.63%	0.227%
22	7.570	2147	2171	2193	rBV	710441	1373528	17.52%	2.428%
23	7.715	2202	2216	2228	rBV2	44546	97773	1.25%	0.173%
24	7.921	2268	2280	2301	rVB	87840	160145	2.04%	0.283%
25	8.548	2466	2475	2485	rVB	62566	100764	1.29%	0.178%
26	9.095	2632	2645	2663	rBV	524185	881899	11.25%	1.559%
27	9.191	2665	2675	2683	rVV3	48408	83716	1.07%	0.148%
28	9.252	2683	2694	2719	rVV	1234672	1994361	25.43%	3.525%
29	9.377	2719	2733	2764	rVB	3833566	6409992	81.74%	11.331%
30	9.783	2848	2859	2884	rVB	392099	634985	8.10%	1.122%
31	10.168	2968	2979	3007	rVB	144649	229422	2.93%	0.406%
32	10.310	3010	3023	3037	rBV	548881	877626	11.19%	1.551%
33	10.590	3100	3110	3125	rVB	135479	212595	2.71%	0.376%
34	10.686	3125	3140	3143	rBV	1340497	1994253	25.43%	3.525%

LSC Area Percent Report

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Operator : MD/SY
Sample : J4263-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

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	10.776	3158	3168	3185	rVB	1413435	2139563	27.29%	3.782%
36	10.975	3212	3230	3252	rBV	1975449	2995406	38.20%	5.295%
37	11.152	3273	3285	3302	rVB	5246484	7841491	100.00%	13.861%
38	11.429	3360	3371	3379	rBV	229544	347767	4.43%	0.615%
39	11.487	3379	3389	3403	rVB2	857895	1391424	17.74%	2.460%
40	11.573	3403	3416	3430	rBV	2222059	3364051	42.90%	5.947%
41	11.692	3442	3453	3463	rBV2	62855	96154	1.23%	0.170%
42	11.776	3464	3479	3485	rBV4	393469	796976	10.16%	1.409%
43	11.811	3486	3490	3499	rVV	339977	457602	5.84%	0.809%
44	11.876	3499	3510	3527	rVB3	415823	779302	9.94%	1.378%
45	11.985	3531	3544	3555	rBV	157758	247598	3.16%	0.438%
46	12.059	3555	3567	3581	rBV	446469	674971	8.61%	1.193%
47	12.149	3581	3595	3599	rBV	440020	645314	8.23%	1.141%
48	12.178	3600	3604	3615	rVB	511572	692994	8.84%	1.225%
49	12.255	3615	3628	3635	rBV	502888	776614	9.90%	1.373%
50	12.287	3635	3638	3649	rVB	136059	174790	2.23%	0.309%
51	12.358	3649	3660	3683	rBV3	314087	789535	10.07%	1.396%
52	12.554	3710	3721	3734	rVB2	332696	549796	7.01%	0.972%
53	12.651	3734	3751	3759	rBV	322749	526004	6.71%	0.930%
54	12.705	3759	3768	3785	rVB	578761	880216	11.23%	1.556%
55	12.792	3785	3795	3802	rBV4	62341	106007	1.35%	0.187%
56	12.934	3829	3839	3843	rBV3	58932	98796	1.26%	0.175%
57	12.966	3844	3849	3857	rVB	110717	149079	1.90%	0.264%
58	13.123	3877	3898	3914	rBV3	1043330	1839833	23.46%	3.252%
59	13.290	3940	3950	3970	rVB	429803	692805	8.84%	1.225%
60	13.512	4009	4019	4026	rBV4	122308	203010	2.59%	0.359%
61	13.612	4045	4050	4056	rVB	66917	78911	1.01%	0.139%
62	13.744	4079	4091	4101	rBV	558554	912588	11.64%	1.613%
63	13.860	4116	4127	4141	rVB2	53257	85889	1.10%	0.152%
64	13.956	4141	4157	4169	rBV3	66102	149300	1.90%	0.264%
65	14.355	4265	4281	4299	rVB3	116096	254744	3.25%	0.450%
66	14.680	4370	4382	4401	rBV3	110088	191889	2.45%	0.339%
67	14.879	4432	4444	4458	rBV	395157	646156	8.24%	1.142%
68	15.065	4491	4502	4517	rBV	335120	553917	7.06%	0.979%

Sum of corrected areas: 56571106

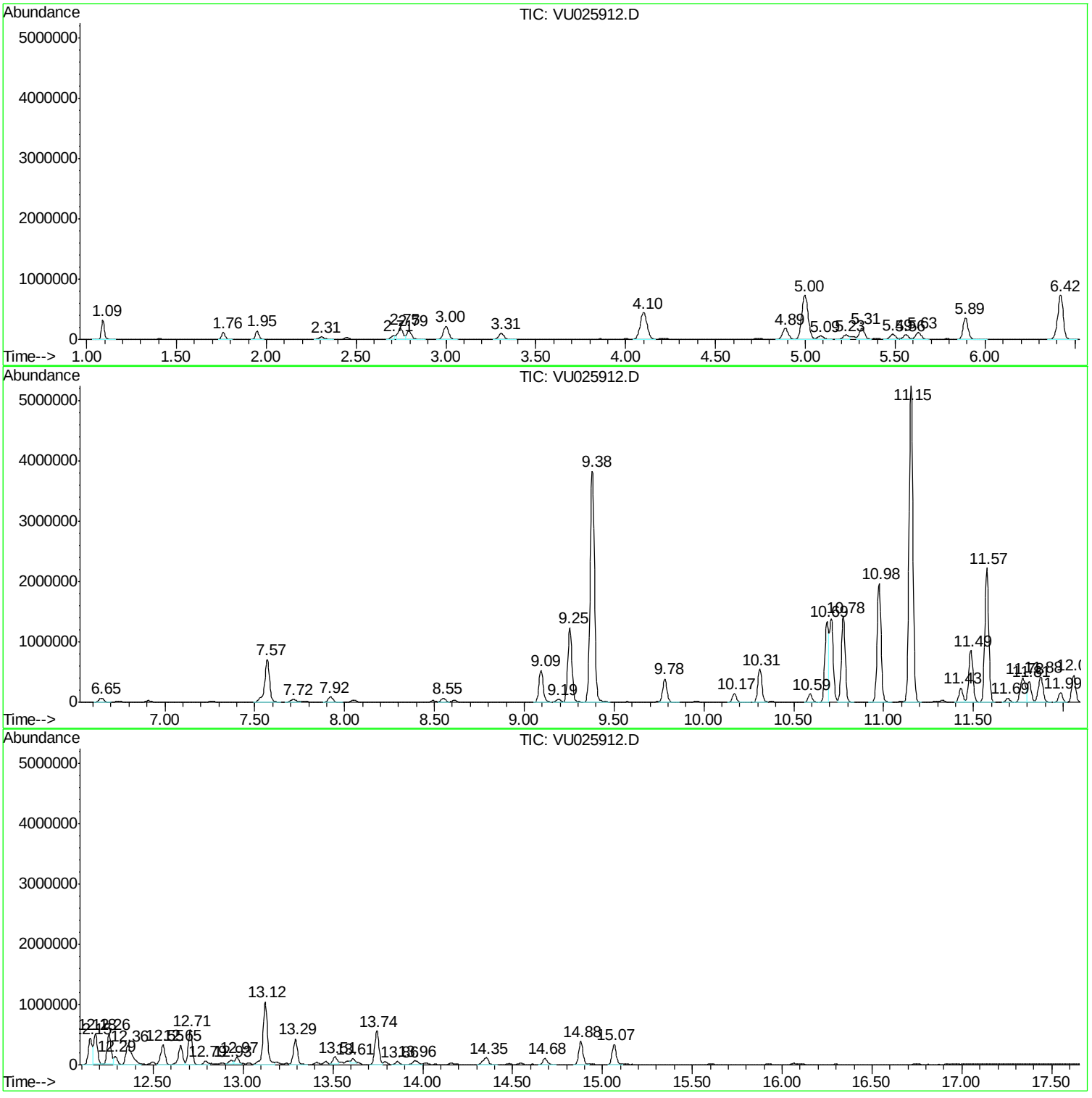
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025912.D
Acq On : 07 Aug 2018 02:17
Operator : MD/SY
Sample : J4263-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

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 : VU025912.D
Acq On : 07 Aug 2018 02:17
Operator : MD/SY
Sample : J4263-08
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ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

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

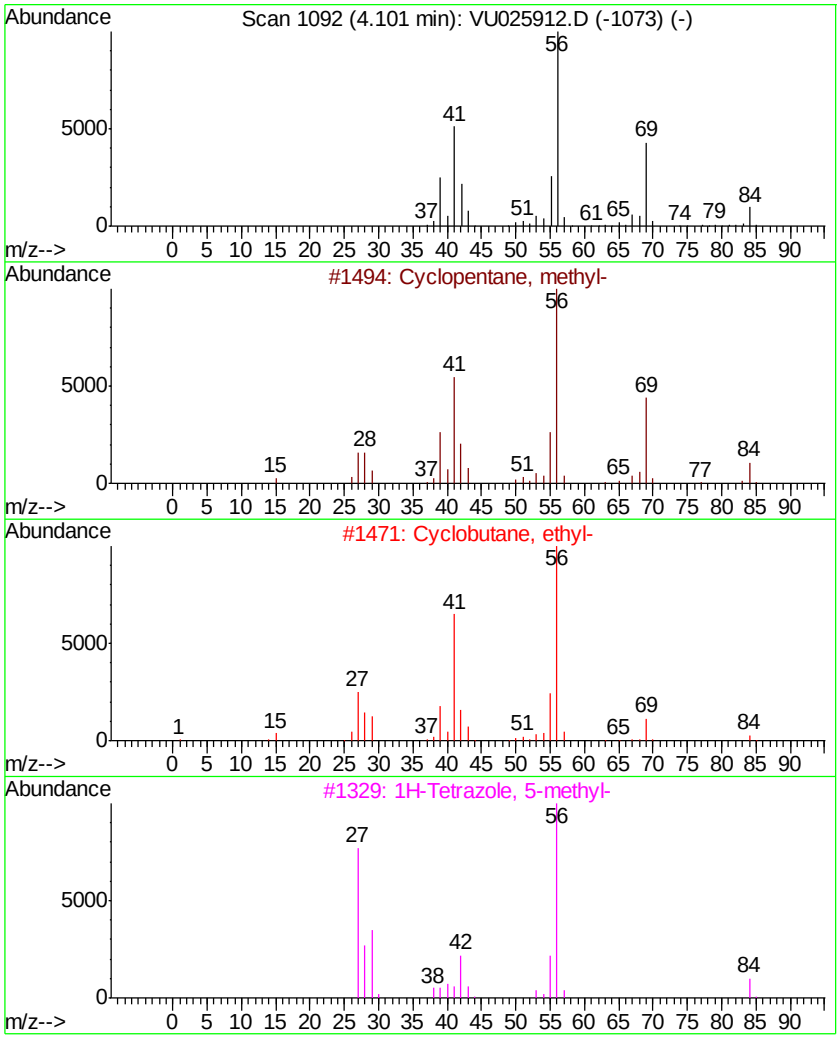
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

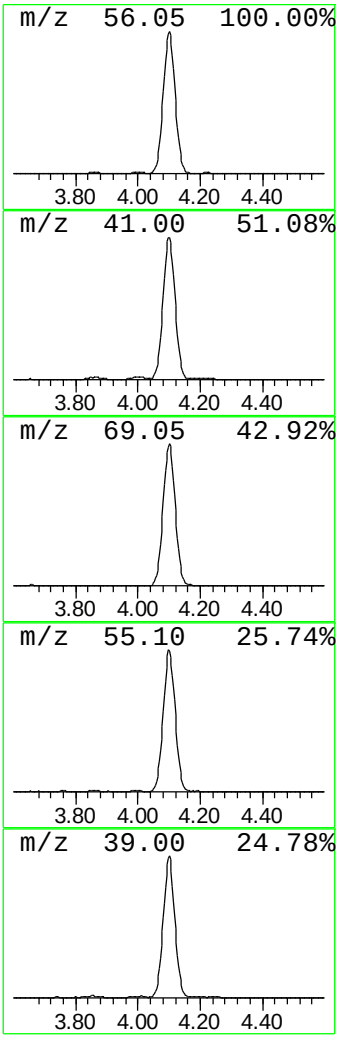
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	31.90 ug/l	1187000	Pentafluorobenzene	4.99

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025912.D
Acq On : 07 Aug 2018 02:17
Operator : MD/SY
Sample : J4263-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

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

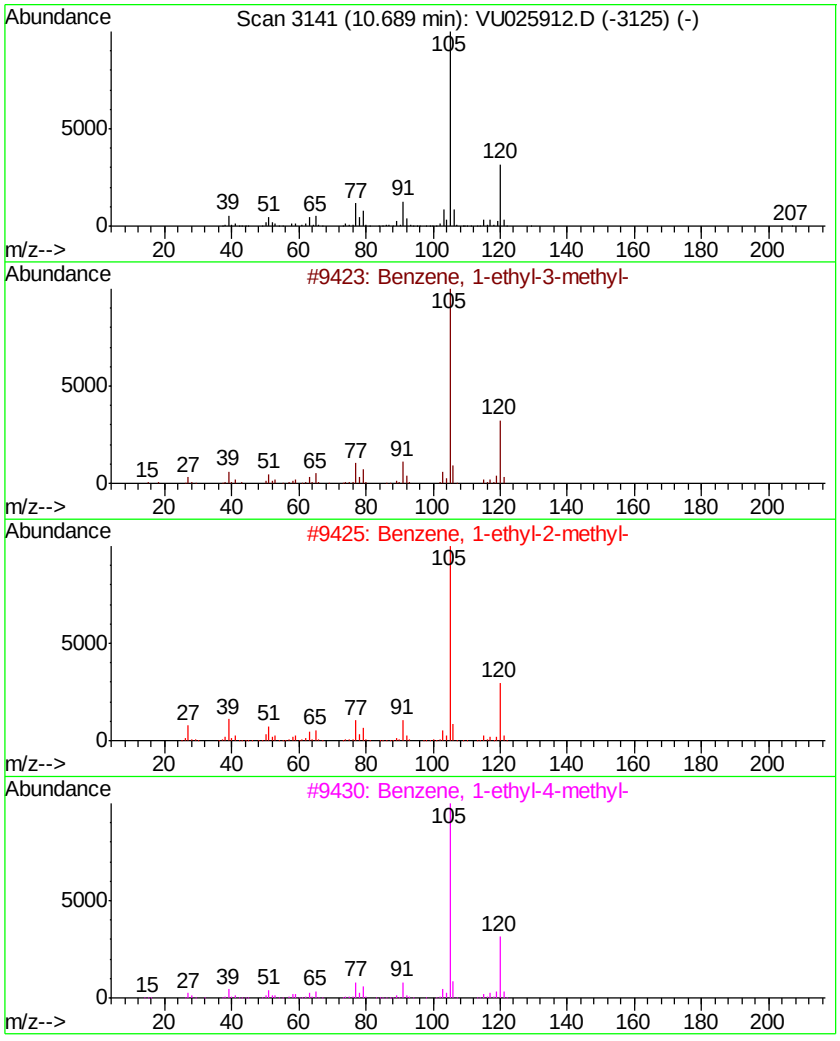
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

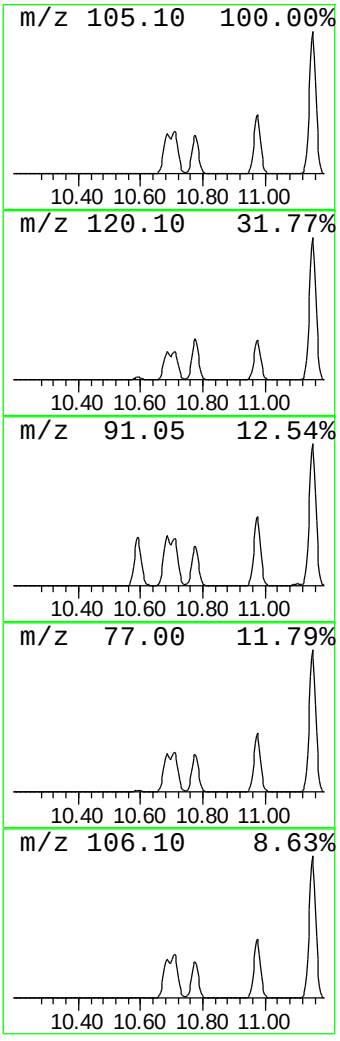
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	71.66 ug/l	1994250	1,4-Dichlorobenzene-d4	11.49

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025912.D
Acq On : 07 Aug 2018 02:17
Operator : MD/SY
Sample : J4263-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

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

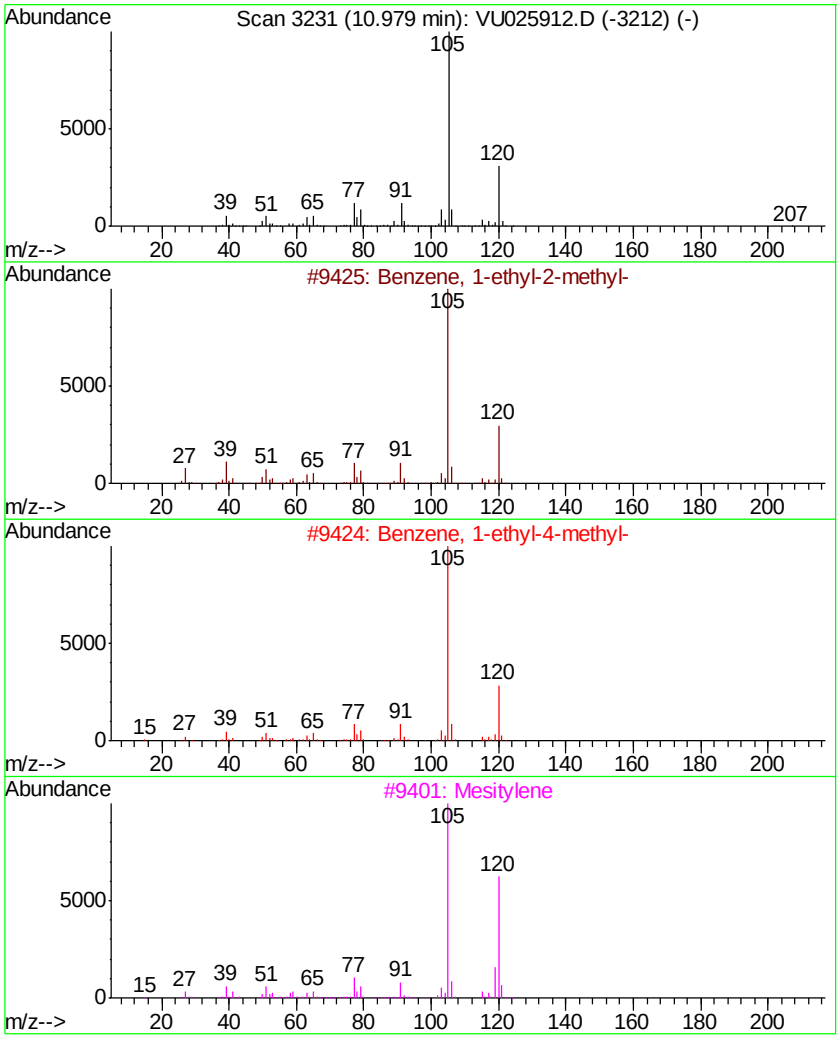
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

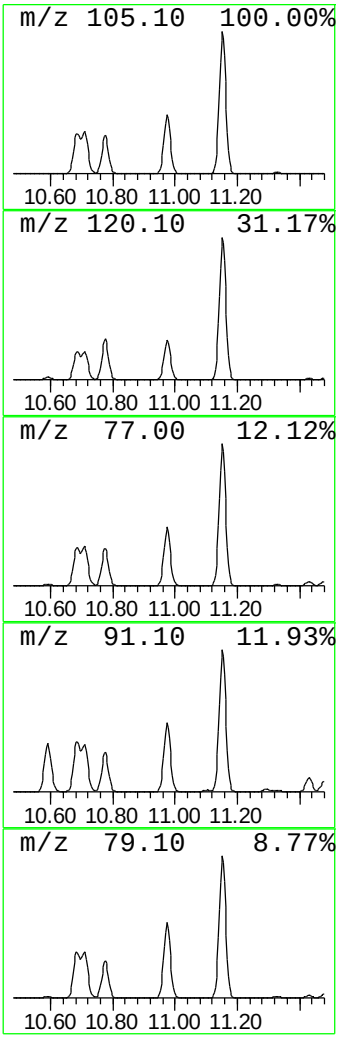
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	107.64 ug/l	2995410	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	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025912.D
Acq On : 07 Aug 2018 02:17
Operator : MD/SY
Sample : J4263-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

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

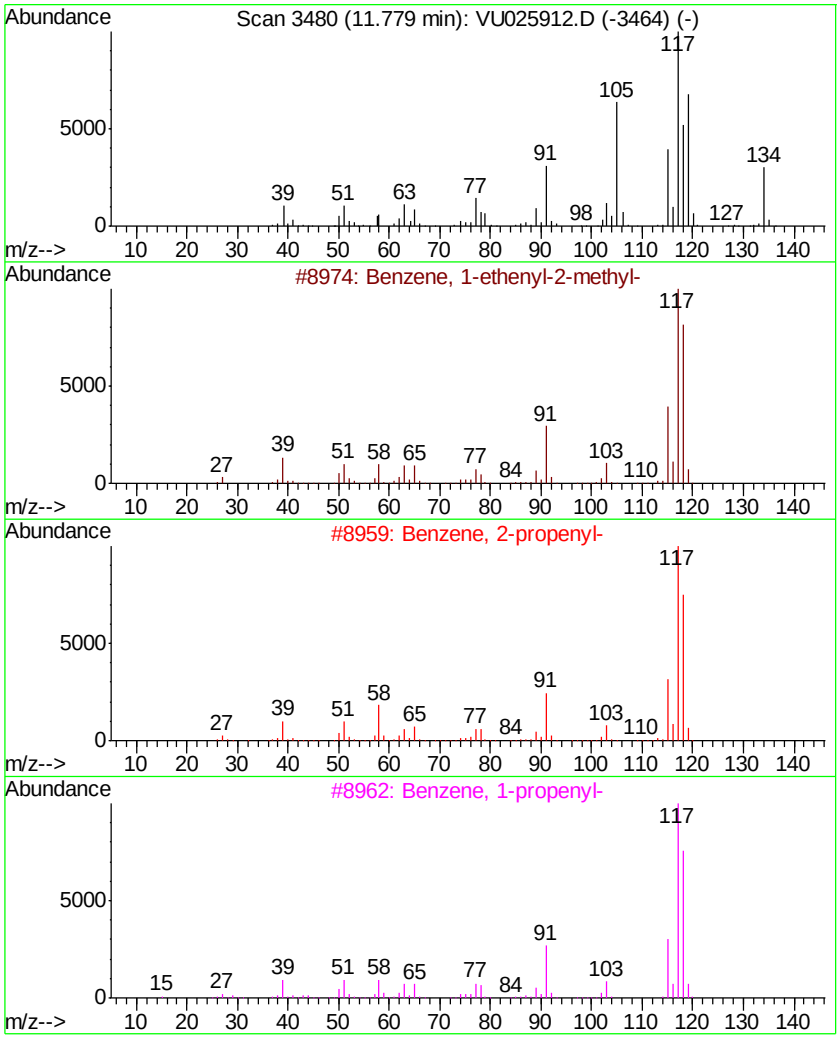
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

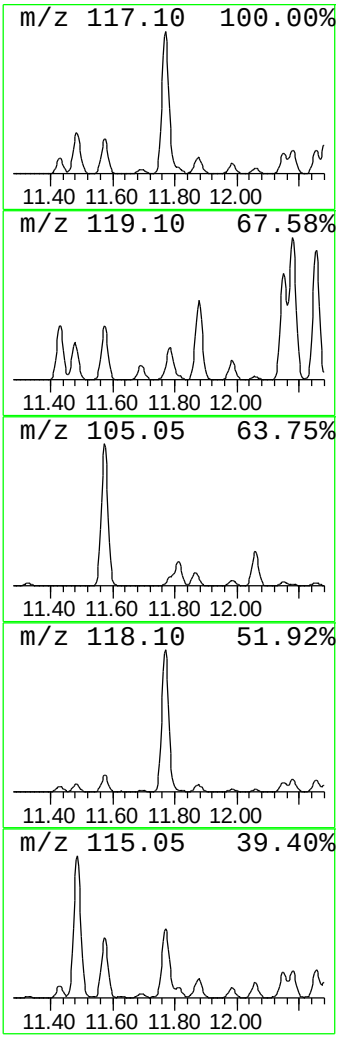
****

Peak Number 5 Benzene, 1-ethenyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	28.64 ug/l	796976	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	80
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
4	Indane	118	C9H10	000496-11-7	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025912.D
Acq On : 07 Aug 2018 02:17
Operator : MD/SY
Sample : J4263-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

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

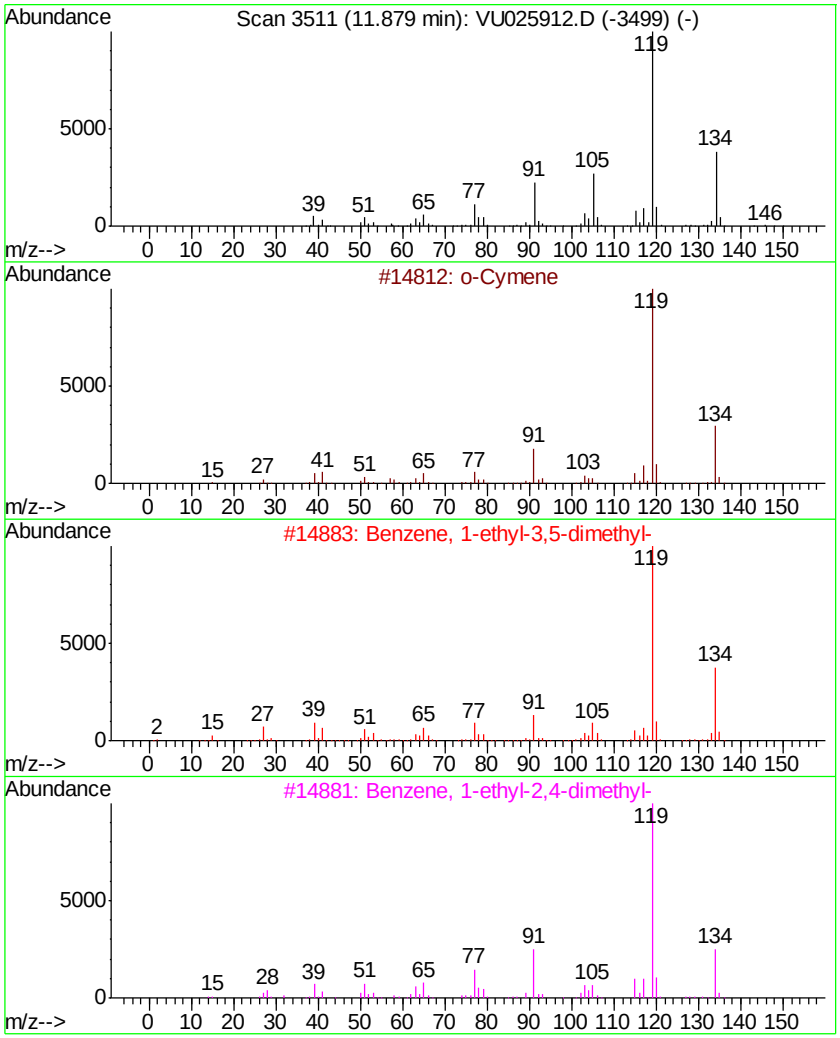
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

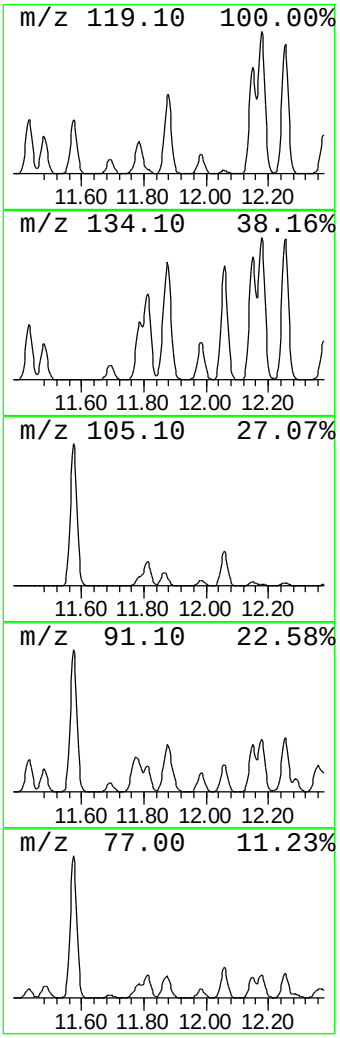
****

Peak Number 6 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	28.00 ug/l	779302	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, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Data File : VU025912.D
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Operator : MD/SY
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ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

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

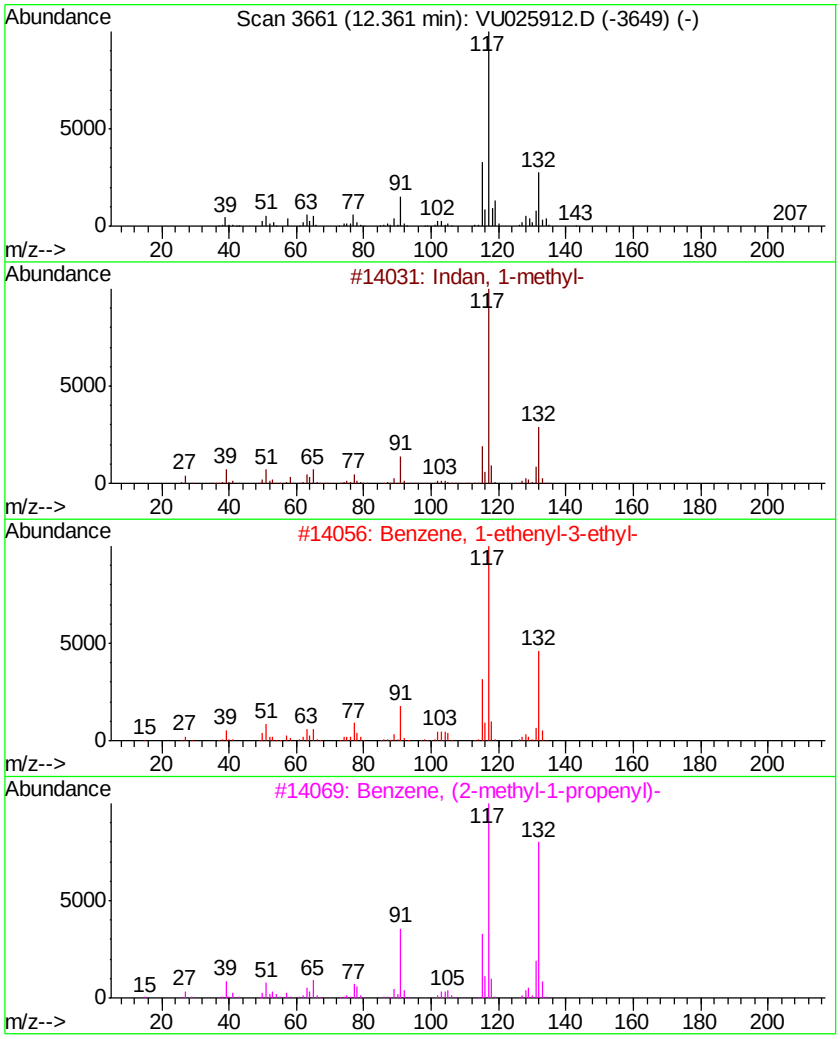
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

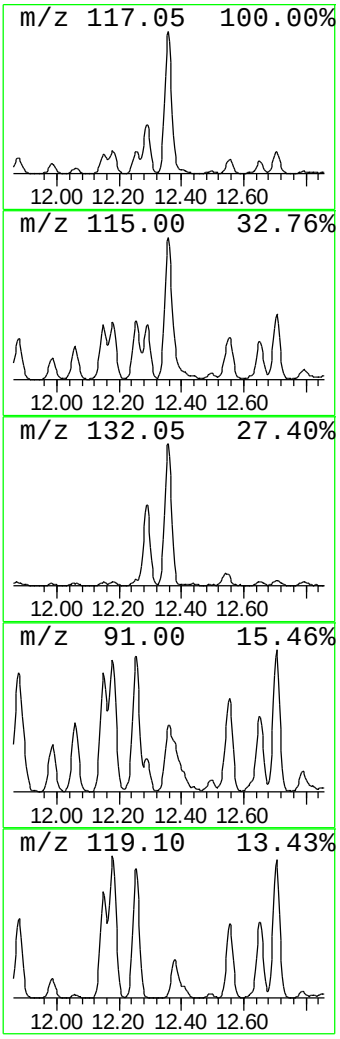
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	28.37 ug/l	789535	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, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025912.D
Acq On : 07 Aug 2018 02:17
Operator : MD/SY
Sample : J4263-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

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

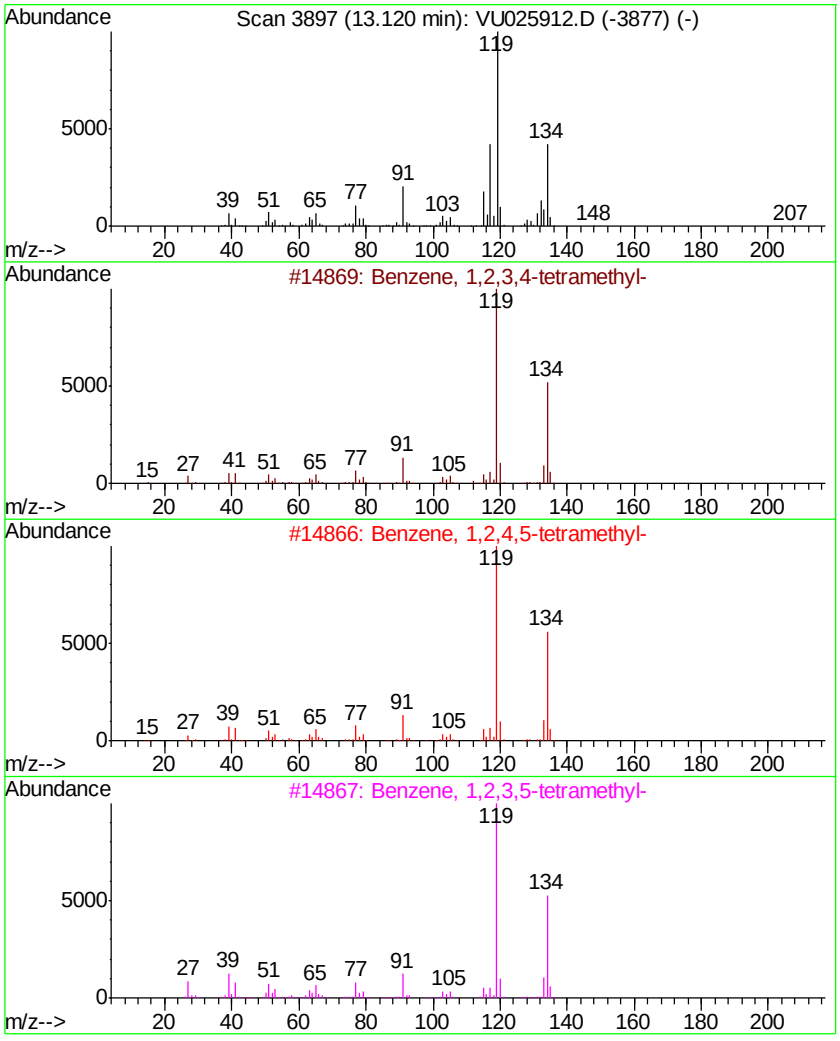
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

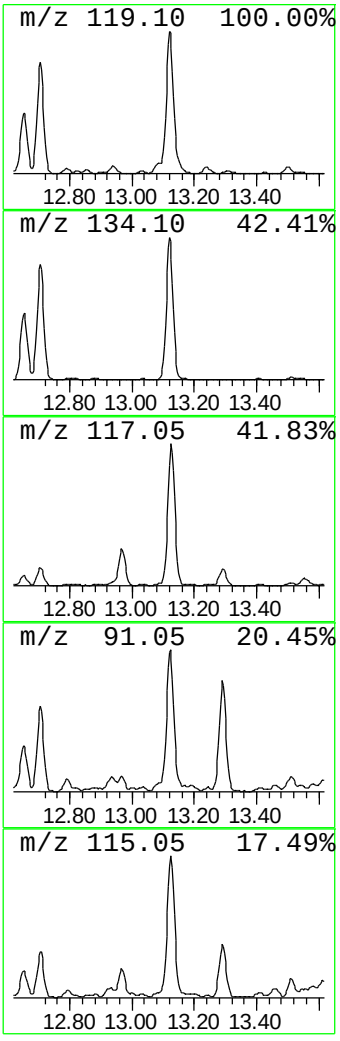
****

Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	66.11 ug/l	1839830	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	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
4	p-Cymene	134	C10H14	000099-87-6	64
5	o-Cymene	134	C10H14	000527-84-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025912.D
Acq On : 07 Aug 2018 02:17
Operator : MD/SY
Sample : J4263-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0517

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	31.9	ug/l	1187000	1	4.99	1860580	50.0
Benzene, 1-ethyl-...	10.69	71.7	ug/l	1994250	4	11.49	1391420	50.0
Benzene, 1-ethyl-...	10.98	107.6	ug/l	2995410	4	11.49	1391420	50.0
Benzene, 1-etheny...	11.78	28.6	ug/l	796976	4	11.49	1391420	50.0
o-Cymene	11.88	28.0	ug/l	779302	4	11.49	1391420	50.0
Indan, 1-methyl-	12.36	28.4	ug/l	789535	4	11.49	1391420	50.0
Benzene, 1,2,3,4-...	13.12	66.1	ug/l	1839830	4	11.49	1391420	50.0