LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027544.D
Acq On : 10 Oct 2018 00:15
Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

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\82U100118W.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	2.321	344	357	385	rBV	591615	966580	3.53%	1.337%
2	4.987	1172	1186	1209	rVV	190452	428643	1.57%	0.593%
3	5.312	1273	1287	1309	rBV	140837	297009	1.09%	0.411%
4	5.887	1453	1466	1505	rVB	291007	588397	2.15%	0.814%
5	7.566	1966	1988	2016	rBV	477472	940070	3.44%	1.301%
6	9.090	2451	2462	2478	rBV	403749	676123	2.47%	0.935%
7	9.379	2535	2552	2568	rBV3	396072	1082161	3.96%	1.497%
8	9.720	2643	2658	2676	rBV6	305787	811354	2.97%	1.123%
9	9.954	2711	2731	2741	rBV3	568163	1158680	4.24%	1.603%
10	10.045	2742	2759	2767	rBV4	339798	720771	2.63%	0.997%
11	10.090	2768	2773	2786	rVB2	260120	417023	1.52%	0.577%
12	10.167	2787	2797	2805	rVB3	188358	327586	1.20%	0.453%
13	10.308	2833	2841	2854	rVB3	386079	690300	2.52%	0.955%
14	10.379	2854	2863	2871	rBV	174653	274425	1.00%	0.380%
15	10.491	2889	2898	2910	rVB4	431522	732906	2.68%	1.014%
16	10.707	2954	2965	2974	rVV	1535158	2346130	8.58%	3.246%
17	10.771	2974	2985	2994	rVV2	790735	1358897	4.97%	1.880%
18	10.980	3040	3050	3055	rBV5	170945	331586	1.21%	0.459%
19	11.118	3084	3093	3094	rVV2	588542	771855	2.82%	1.068%
20	11.157	3094	3105	3117	rVB	18147768	27359360	100.00%	37.855%
21	11.276	3132	3142	3150	rBV6	160352	385696	1.41%	0.534%
22	11.331	3152	3159	3171	rVB4	267306	546016	2.00%	0.755%
23	11.482	3197	3206	3216	rVB3	709770	1072121	3.92%	1.483%
24	11.572	3226	3234	3243	rVB	485296	685629	2.51%	0.949%
25	11.691	3258	3271	3283	rVB	362663	703809	2.57%	0.974%
26	11.774	3284	3297	3314	rVV3	1353425	2853775	10.43%	3.949%
27	11.864	3315	3325	3343	rVB5	597337	1308889	4.78%	1.811%
28	11.983	3352	3362	3380	rBV2	498364	859846	3.14%	1.190%
29	12.147	3403	3413	3418	rBV	1276223	2005827	7.33%	2.775%
30	12.179	3418	3423	3432	rVV	1483239	2081622	7.61%	2.880%
31	12.253	3434	3446	3453	rVV	1943795	3067374	11.21%	4.244%
32	12.289	3453	3457	3468	rVV	443004	620718	2.27%	0.859%
33	12.360	3469	3479	3498	rVB3	1288295	2929069	10.71%	4.053%
34	12.543	3529	3536	3546	rVB3	390371	690020	2.52%	0.955%

LSC Area Percent Report

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Data File : VU027544.D
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Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

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\82U100118W.M
Title : SW846 8260

35	12.652	3547	3570	3578	rVV	1130761	2083516	7.62%	2.883%
36	12.704	3578	3586	3600	rVB	1819150	2809580	10.27%	3.887%
37	12.790	3605	3613	3625	rVB3	194453	317760	1.16%	0.440%
38	12.964	3661	3667	3675	rVB2	233272	349400	1.28%	0.483%
39	13.122	3707	3716	3735	rVB2	2590995	4271833	15.61%	5.911%
40	13.289	3760	3768	3778	rVB2	231693	351637	1.29%	0.487%

Sum of corrected areas: 72273993

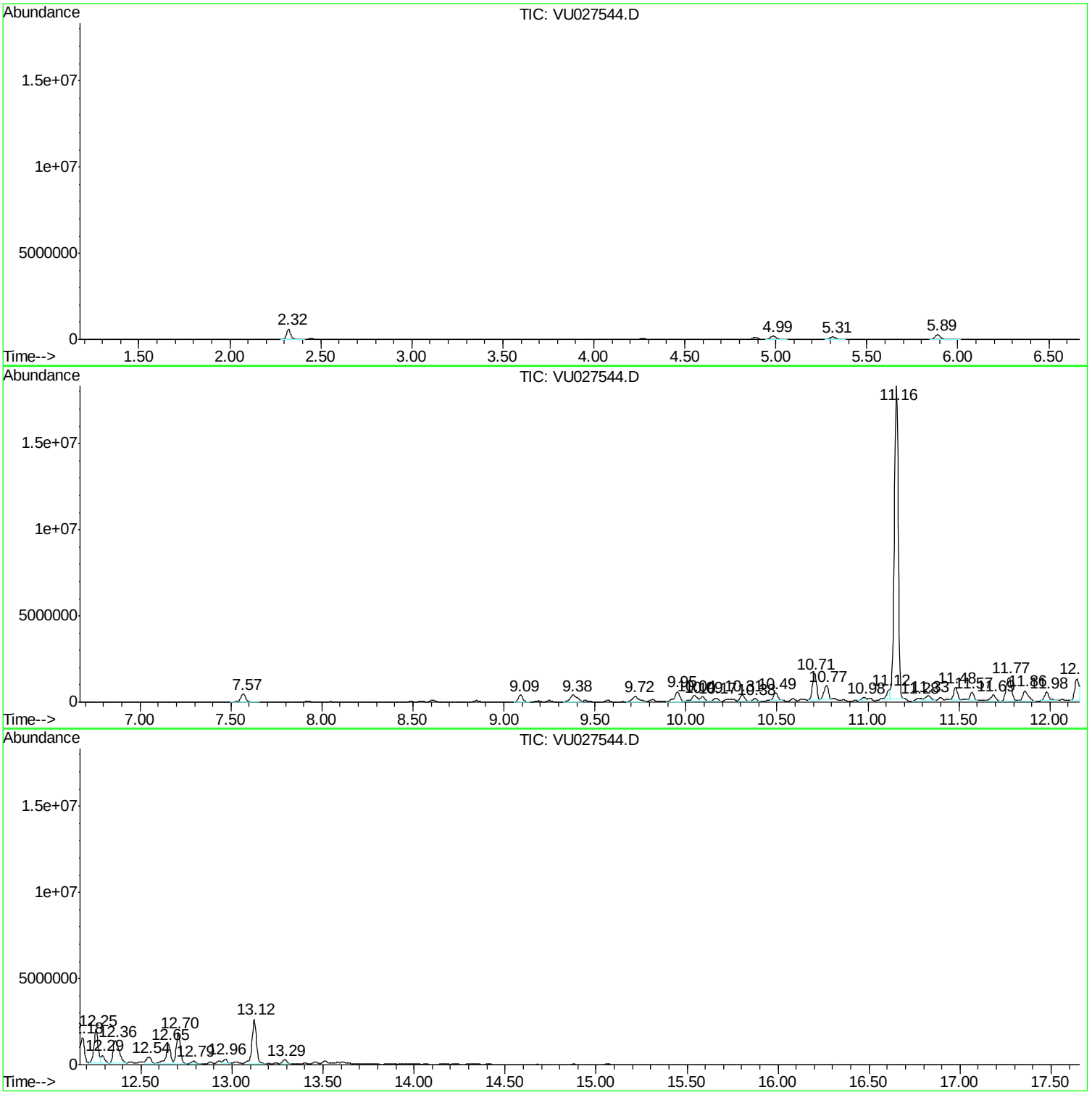
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027544.D
Acq On : 10 Oct 2018 00:15
Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027544.D
Acq On : 10 Oct 2018 00:15
Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

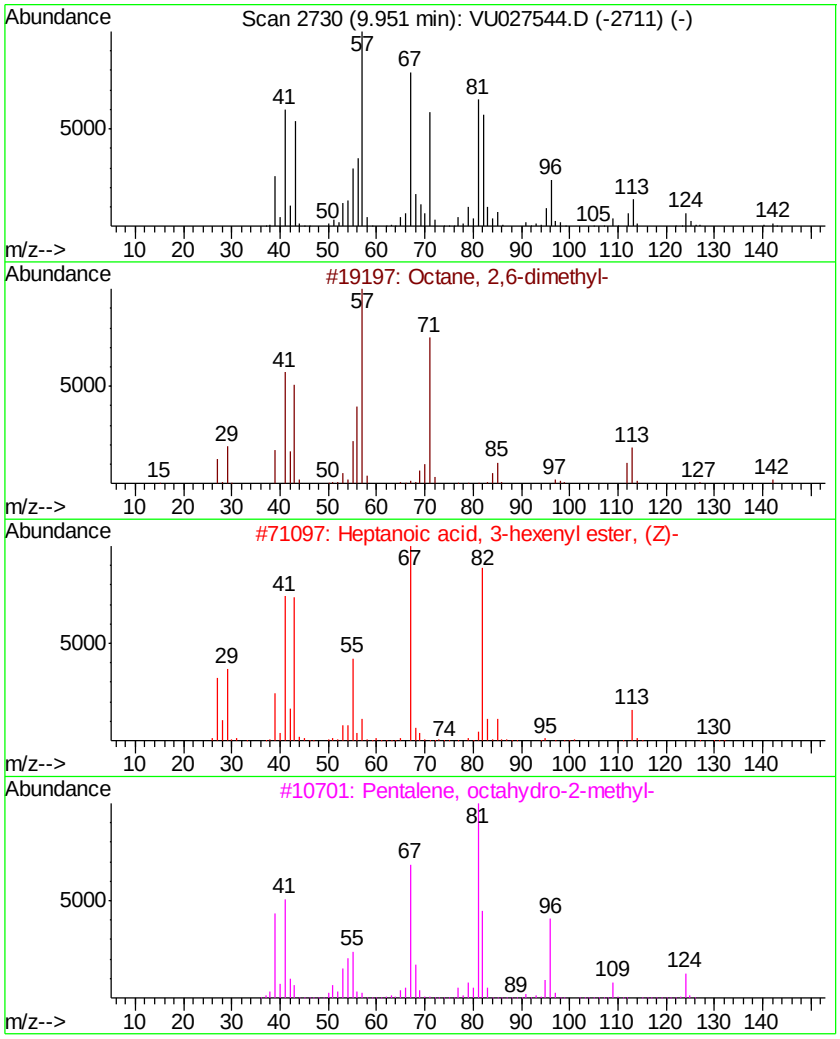
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

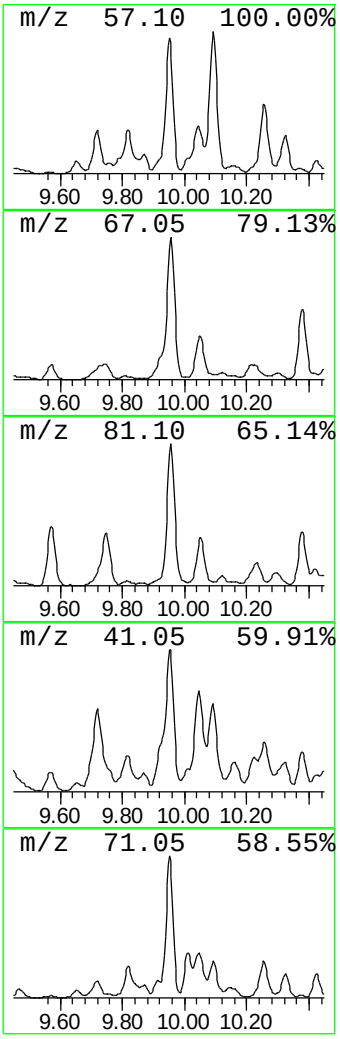
****

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	85.69 ug/l	1158680	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	60
2	Heptanoic acid, 3-hexenyl ester,...	212	C13H24O2	061444-39-1	43
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	38
4	3,4-Nonadiene	124	C9H16	037050-03-6	38
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027544.D
Acq On : 10 Oct 2018 00:15
Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

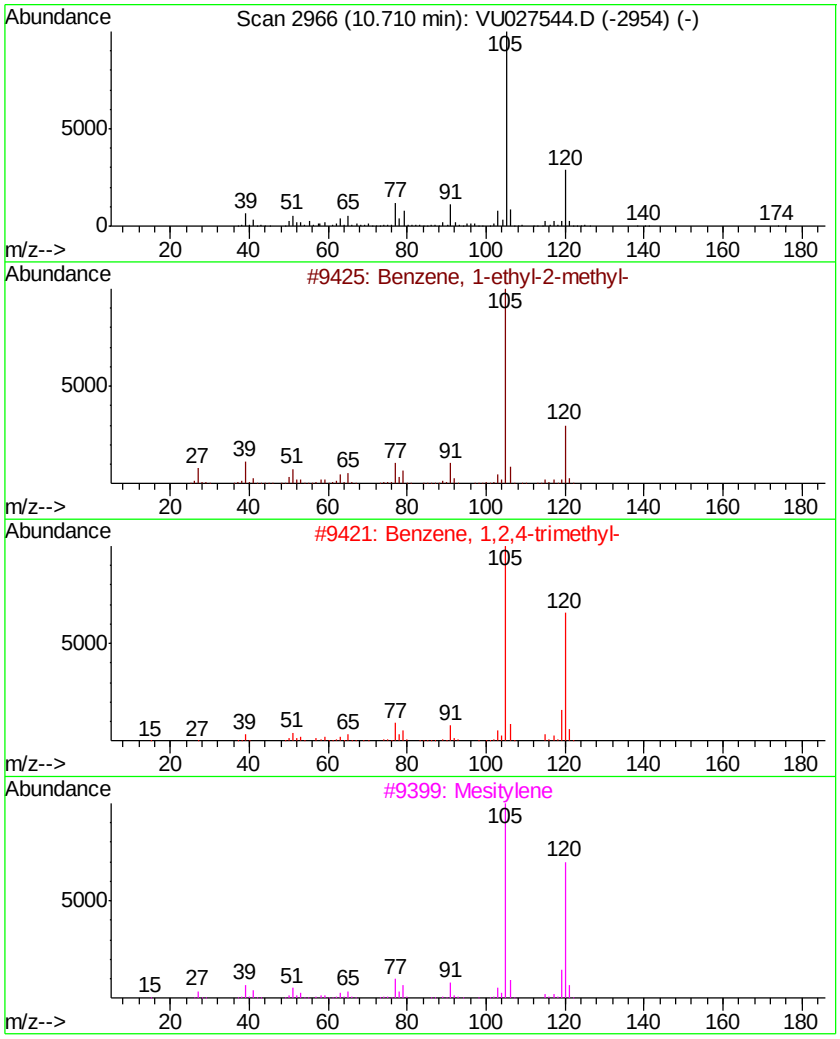
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

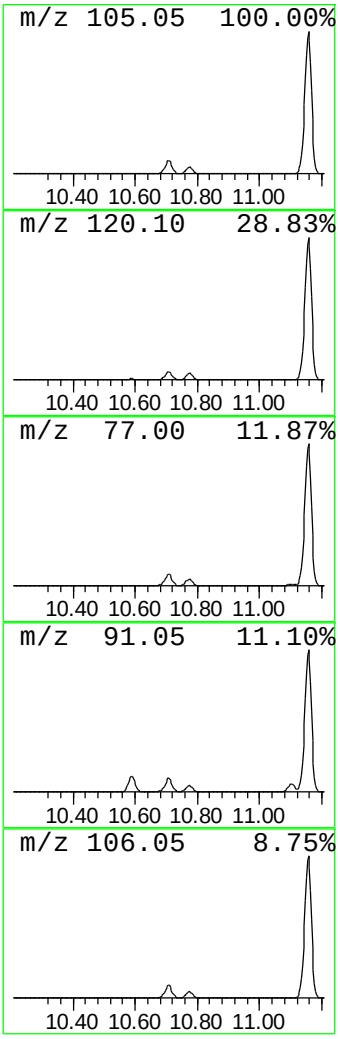
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	109.42 ug/l	2346130	1,4-Dichlorobenzene-d4	11.48

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	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027544.D
Acq On : 10 Oct 2018 00:15
Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

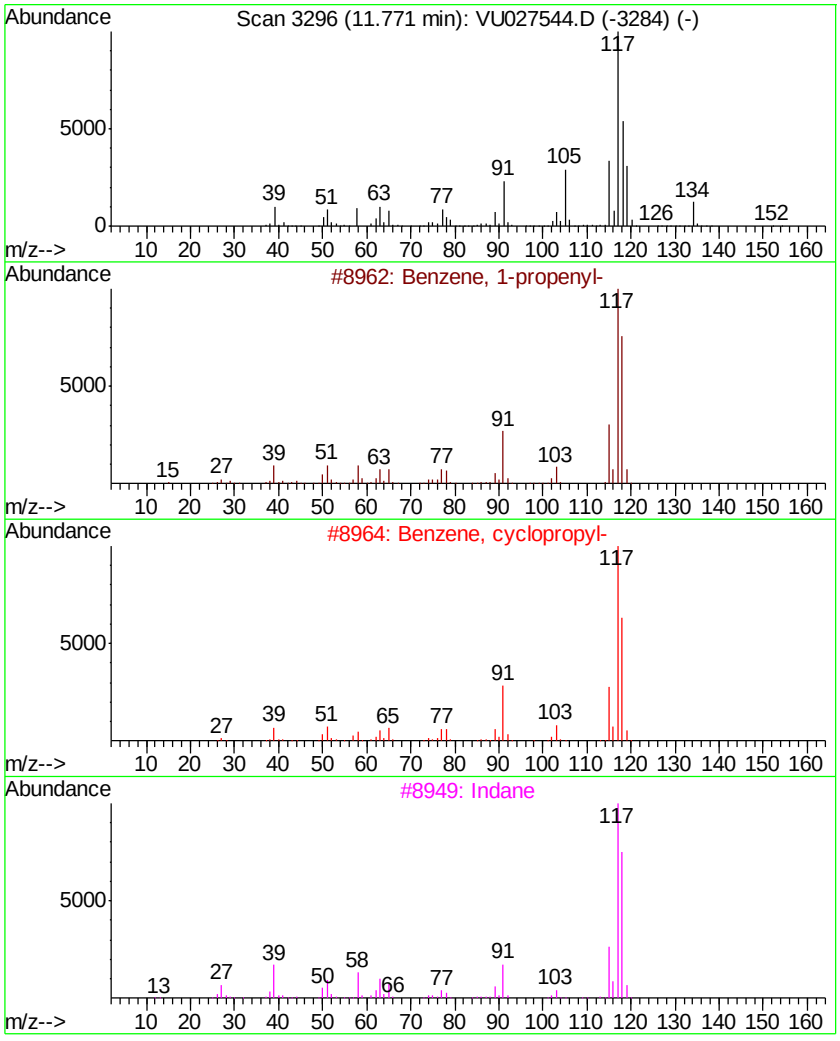
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

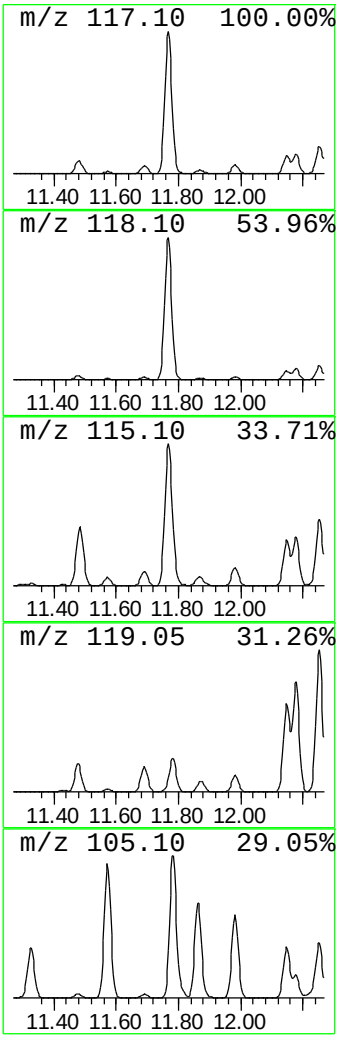
****

Peak Number 3 Benzene, 1-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	133.09 ug/l	2853780	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3	Indane	118	C9H10	000496-11-7	60
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027544.D
Acq On : 10 Oct 2018 00:15
Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

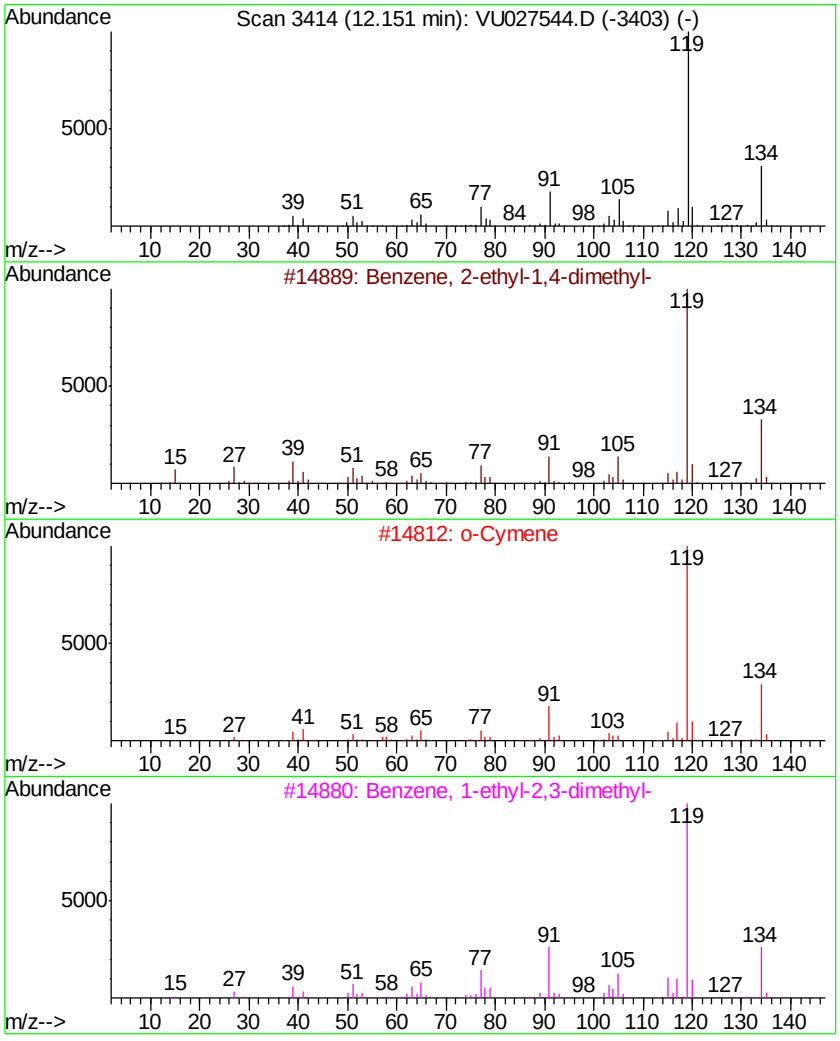
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

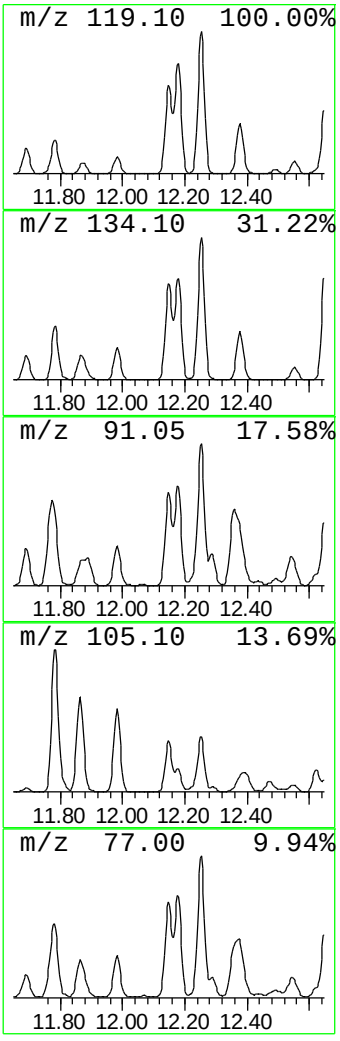
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	93.54 ug/l	2005830	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027544.D
Acq On : 10 Oct 2018 00:15
Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

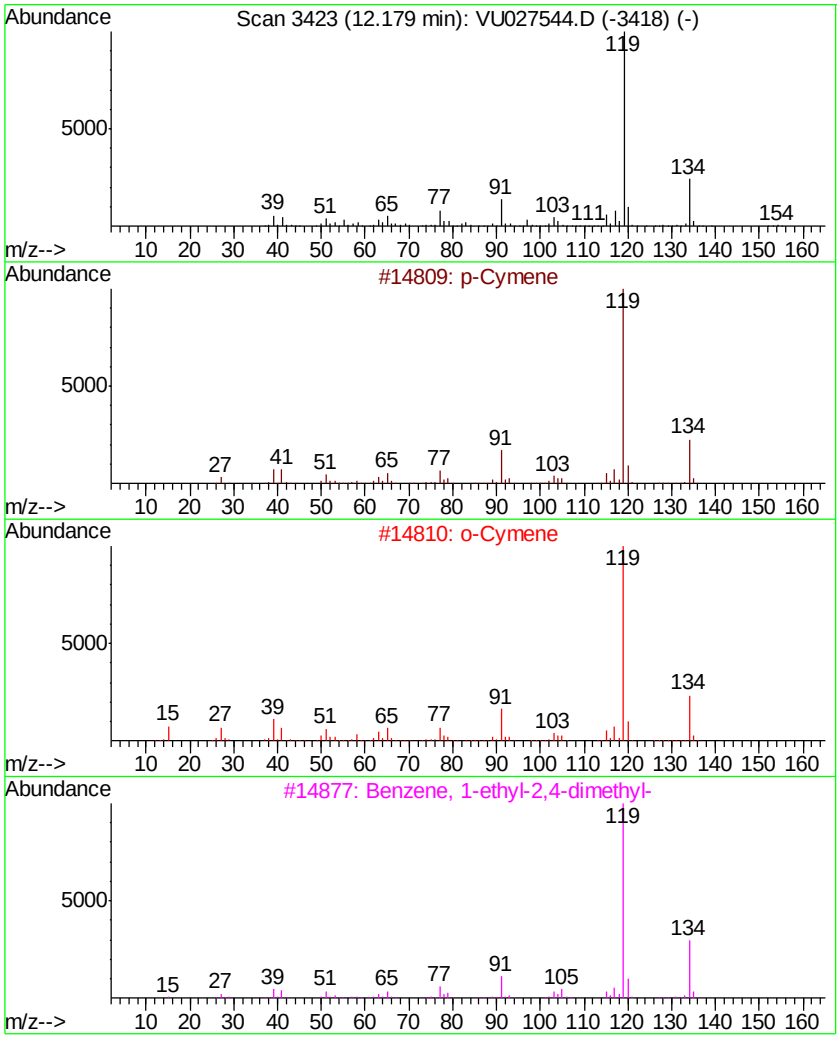
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

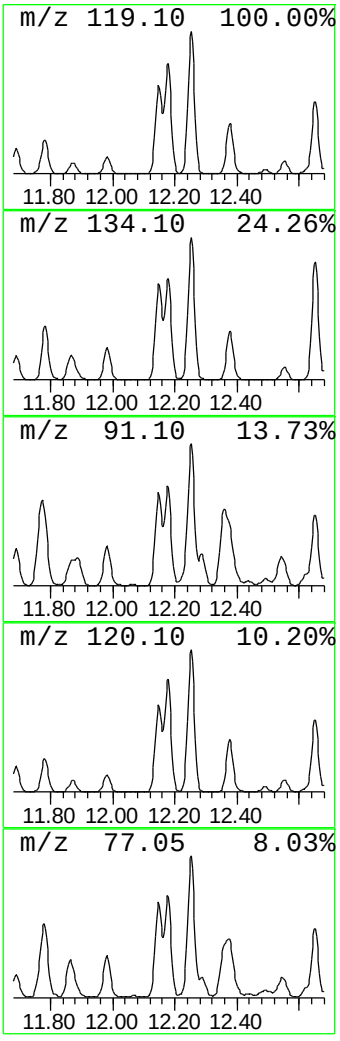
****

Peak Number 5 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	97.08 ug/l	2081620	1,4-Dichlorobenzene-d4	11.48

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	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Library Search Compound Report

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Operator : MD/SY
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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

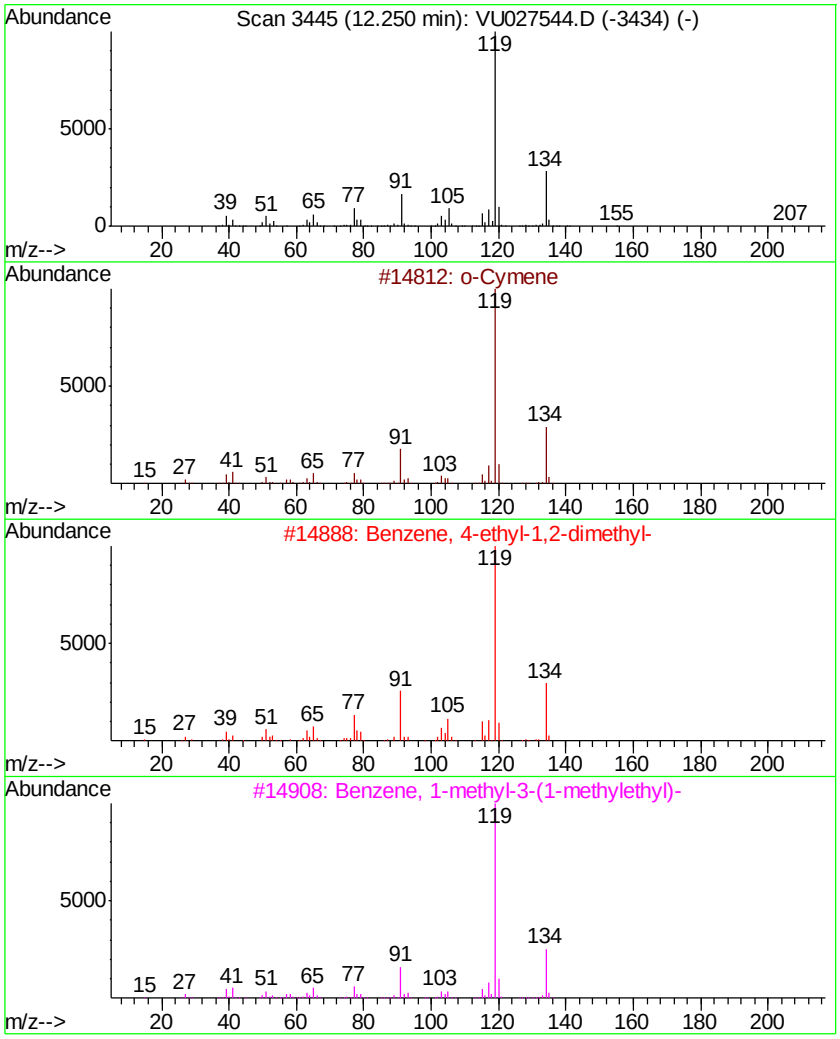
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

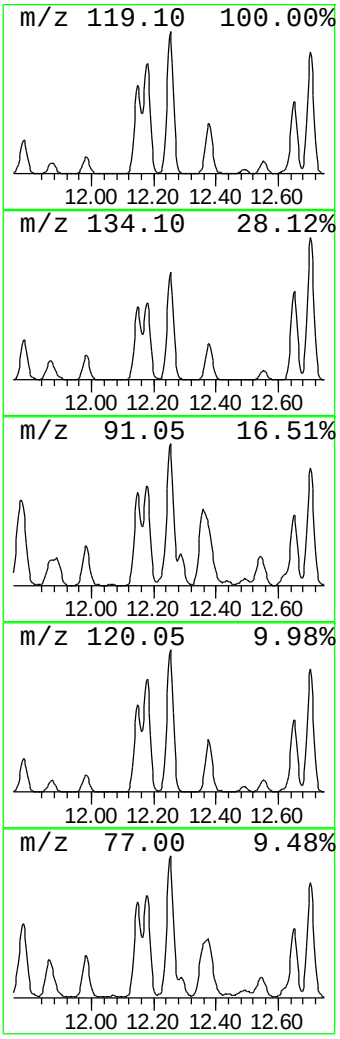
****

Peak Number 6 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	143.05 ug/l	3067370	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

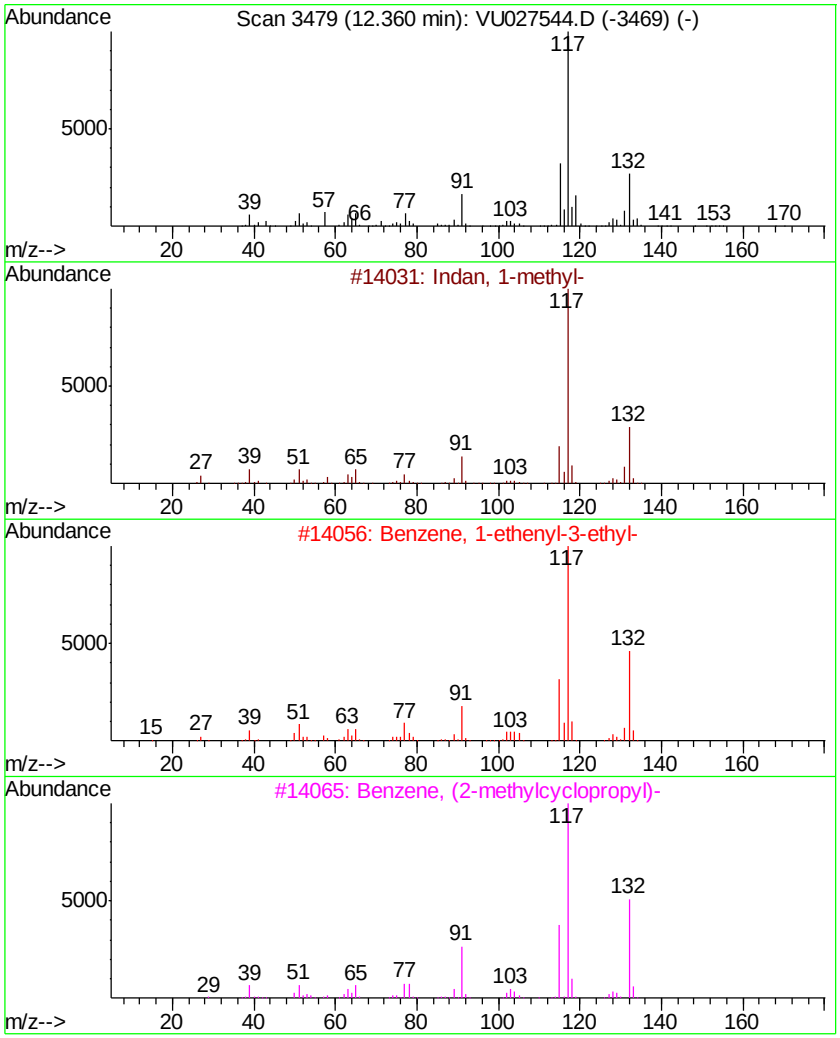
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

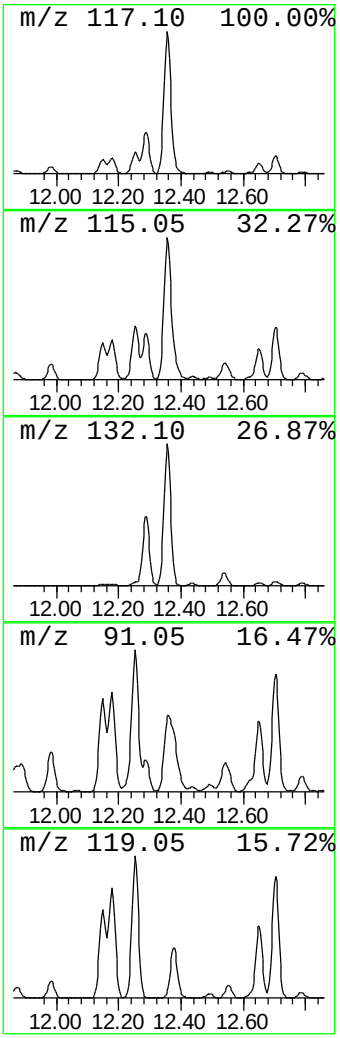
****

Peak Number 7 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	136.60 ug/l	2929070	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027544.D
Acq On : 10 Oct 2018 00:15
Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

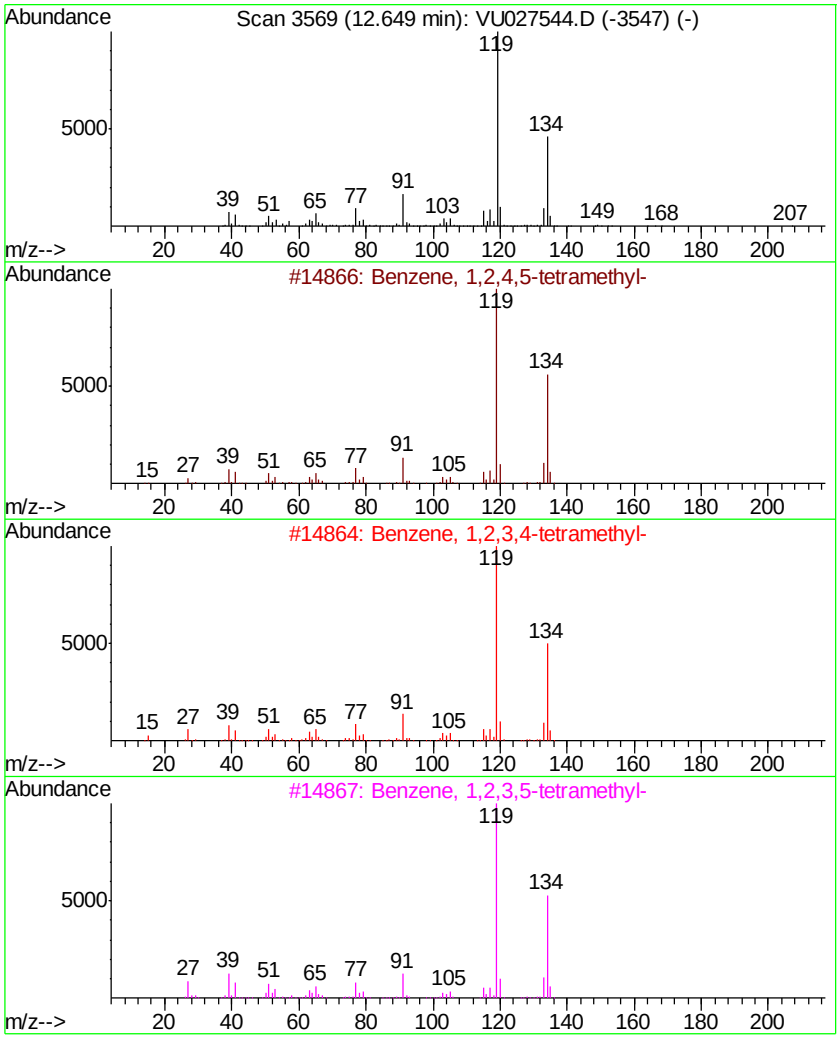
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

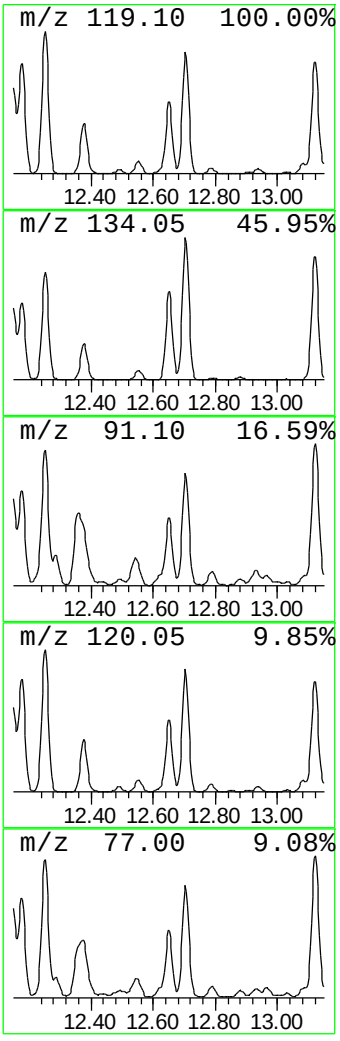
****

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	97.17 ug/l	2083520	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Data File : VU027544.D
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Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

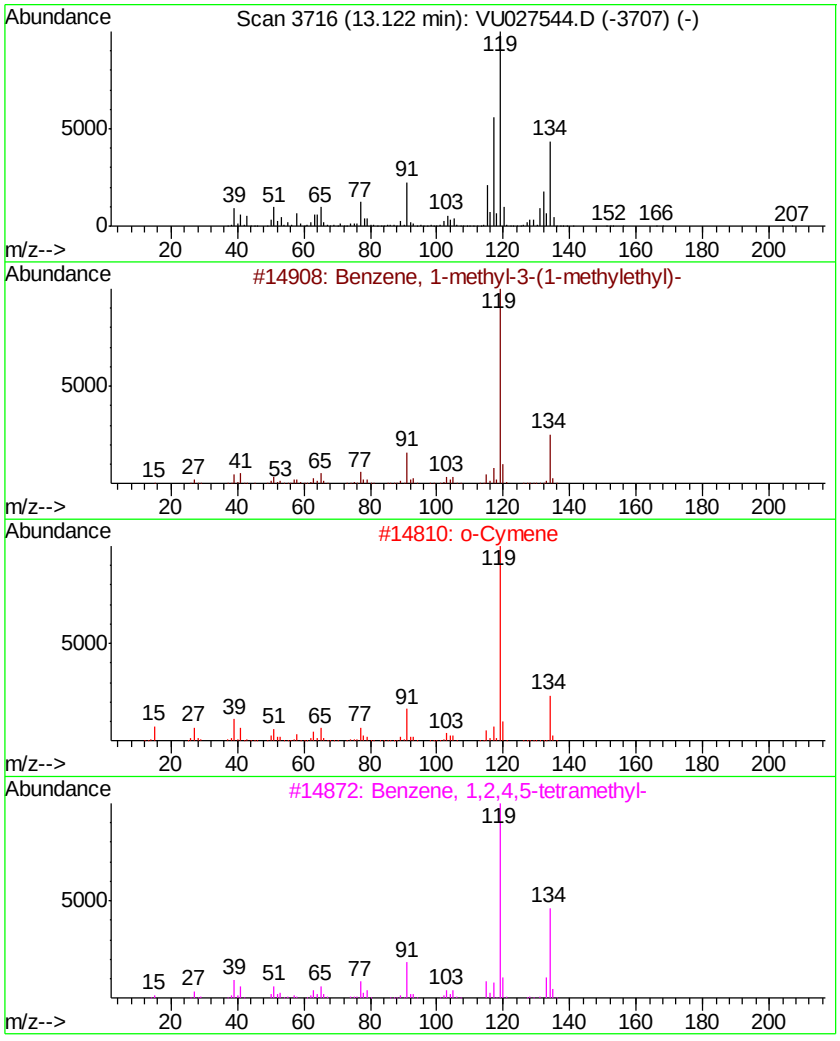
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

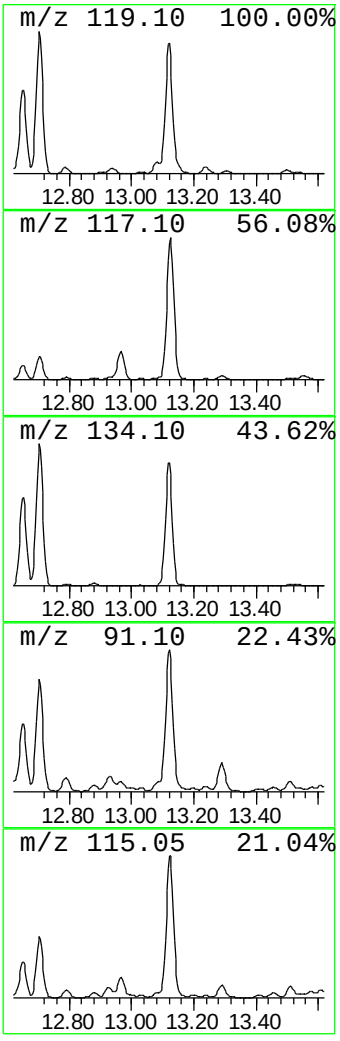
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	199.22 ug/l	4271830	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2	o-Cymene	134	C10H14	000527-84-4	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5	p-Cymene	134	C10H14	000099-87-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027544.D
Acq On : 10 Oct 2018 00:15
Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.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
Octane, 2,6-dimet...	9.95	85.7	ug/l	1158680	3	9.09	676123	50.0
Benzene, 1-ethyl-...	10.71	109.4	ug/l	2346130	4	11.48	1072120	50.0
Benzene, 1-propenyl-	11.77	133.1	ug/l	2853780	4	11.48	1072120	50.0
Benzene, 2-ethyl-...	12.15	93.5	ug/l	2005830	4	11.48	1072120	50.0
p-Cymene	12.18	97.1	ug/l	2081620	4	11.48	1072120	50.0
o-Cymene	12.25	143.1	ug/l	3067370	4	11.48	1072120	50.0
Indan, 1-methyl-	12.36	136.6	ug/l	2929070	4	11.48	1072120	50.0
Benzene, 1,2,4,5-...	12.65	97.2	ug/l	2083520	4	11.48	1072120	50.0
Benzene, 1-methyl...	13.12	199.2	ug/l	4271830	4	11.48	1072120	50.0