LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027541.D
Acq On : 09 Oct 2018 23:05
Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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	2.324	346	358	371	rBV	53899	85781	1.72%	0.228%
2	2.447	384	396	421	rBV	43177	80054	1.61%	0.213%
3	4.887	1139	1155	1171	rBV2	101204	230631	4.63%	0.614%
4	4.987	1171	1186	1212	rVV	173643	389651	7.82%	1.037%
5	5.311	1273	1287	1307	rBV	128122	267078	5.36%	0.711%
6	5.890	1452	1467	1492	rBV	257984	521039	10.46%	1.387%
7	7.569	1964	1989	2022	rBV	417488	805584	16.18%	2.144%
8	7.919	2087	2098	2118	rVB2	36793	69886	1.40%	0.186%
9	8.546	2284	2293	2302	rVB	31697	50551	1.02%	0.135%
10	8.607	2302	2312	2322	rBV	42991	75561	1.52%	0.201%
11	8.848	2380	2387	2401	rVB3	27919	50880	1.02%	0.135%
12	9.093	2450	2463	2480	rBV	358189	599734	12.04%	1.596%
13	9.189	2480	2493	2503	rBV	65387	112682	2.26%	0.300%
14	9.250	2503	2512	2526	rVB4	28809	56293	1.13%	0.150%
15	9.363	2526	2547	2552	rBV4	62655	137897	2.77%	0.367%
16	9.446	2567	2573	2598	rVB	48070	108530	2.18%	0.289%
17	9.572	2600	2612	2624	rBV	55416	98916	1.99%	0.263%
18	9.723	2643	2659	2678	rBV5	116172	377919	7.59%	1.006%
19	9.813	2679	2687	2699	rVB6	35891	70989	1.43%	0.189%
20	9.954	2710	2731	2743	rBV3	252248	520504	10.45%	1.385%
21	10.048	2749	2760	2770	rBV5	202169	377546	7.58%	1.005%
22	10.167	2786	2797	2809	rBV	1890118	2921896	58.67%	7.776%
23	10.308	2832	2841	2853	rVB	287340	454442	9.13%	1.209%
24	10.379	2853	2863	2872	rBV	123516	202950	4.08%	0.540%
25	10.495	2890	2899	2916	rVV5	166872	293639	5.90%	0.782%
26	10.588	2916	2928	2954	rVV	2762695	4233151	85.00%	11.266%
27	10.704	2955	2964	2973	rVV6	73182	152021	3.05%	0.405%
28	10.755	2973	2980	2990	rVV2	64705	115758	2.32%	0.308%
29	10.813	2991	2998	3007	rVV5	40414	76036	1.53%	0.202%
30	10.983	3040	3051	3067	rVB5	121347	272044	5.46%	0.724%
31	11.102	3071	3088	3096	rBV3	276122	530839	10.66%	1.413%
32	11.150	3097	3103	3115	rVB	189203	279472	5.61%	0.744%
33	11.292	3133	3147	3151	rBV	458570	723883	14.54%	1.927%
34	11.324	3151	3157	3172	rVB	863390	1357535	27.26%	3.613%

LSC Area Percent Report

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Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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	11.398	3173	3180	3188	rBV3	47959	67439	1.35%	0.179%
36	11.485	3197	3207	3219	rBV	348665	532215	10.69%	1.416%
37	11.691	3259	3271	3282	rVB	434077	675063	13.56%	1.797%
38	11.771	3282	3296	3311	rBV3	2606565	4979930	100.00%	13.254%
39	11.868	3315	3326	3329	rBV3	360136	546212	10.97%	1.454%
40	11.983	3350	3362	3378	rBV	425390	676399	13.58%	1.800%
41	12.179	3417	3423	3431	rVV2	39679	61374	1.23%	0.163%
42	12.253	3433	3446	3453	rVV	2019298	3165616	63.57%	8.425%
43	12.285	3453	3456	3467	rVV	650280	849549	17.06%	2.261%
44	12.356	3467	3478	3498	rVV2	1390883	3125143	62.75%	8.317%
45	12.437	3498	3503	3513	rVB	62154	88981	1.79%	0.237%
46	12.540	3514	3535	3548	rVB	263091	490796	9.86%	1.306%
47	12.652	3550	3570	3580	rBV	911293	1526760	30.66%	4.063%
48	12.710	3580	3588	3601	rVB3	65721	146025	2.93%	0.389%
49	12.787	3603	3612	3630	rVB2	109732	175950	3.53%	0.468%
50	12.880	3631	3641	3647	rBV	94691	147345	2.96%	0.392%
51	12.925	3648	3655	3661	rBV3	86872	132756	2.67%	0.353%
52	12.964	3661	3667	3674	rVB	111759	143899	2.89%	0.383%
53	13.121	3701	3716	3727	rBV2	1297915	2087708	41.92%	5.556%
54	13.186	3731	3736	3746	rVV2	90765	151299	3.04%	0.403%
55	13.237	3746	3752	3760	rVV	45658	69330	1.39%	0.185%
56	13.292	3763	3769	3791	rVB5	42156	91188	1.83%	0.243%
57	13.408	3797	3805	3812	rBV	36153	58261	1.17%	0.155%
58	13.456	3813	3820	3828	rVB	62049	92510	1.86%	0.246%
59	13.511	3829	3837	3846	rBV	122063	187081	3.76%	0.498%
60	13.578	3852	3858	3863	rBV	37030	55695	1.12%	0.148%
61	13.610	3863	3868	3894	rVB2	91877	190860	3.83%	0.508%
62	13.729	3895	3905	3915	rBV4	34926	64386	1.29%	0.171%
63	14.343	4086	4096	4107	rBV5	24840	50428	1.01%	0.134%
64	14.877	4253	4262	4275	rVB	44153	68005	1.37%	0.181%
65	15.064	4309	4320	4335	rBV	107467	174102	3.50%	0.463%

Sum of corrected areas: 37573677

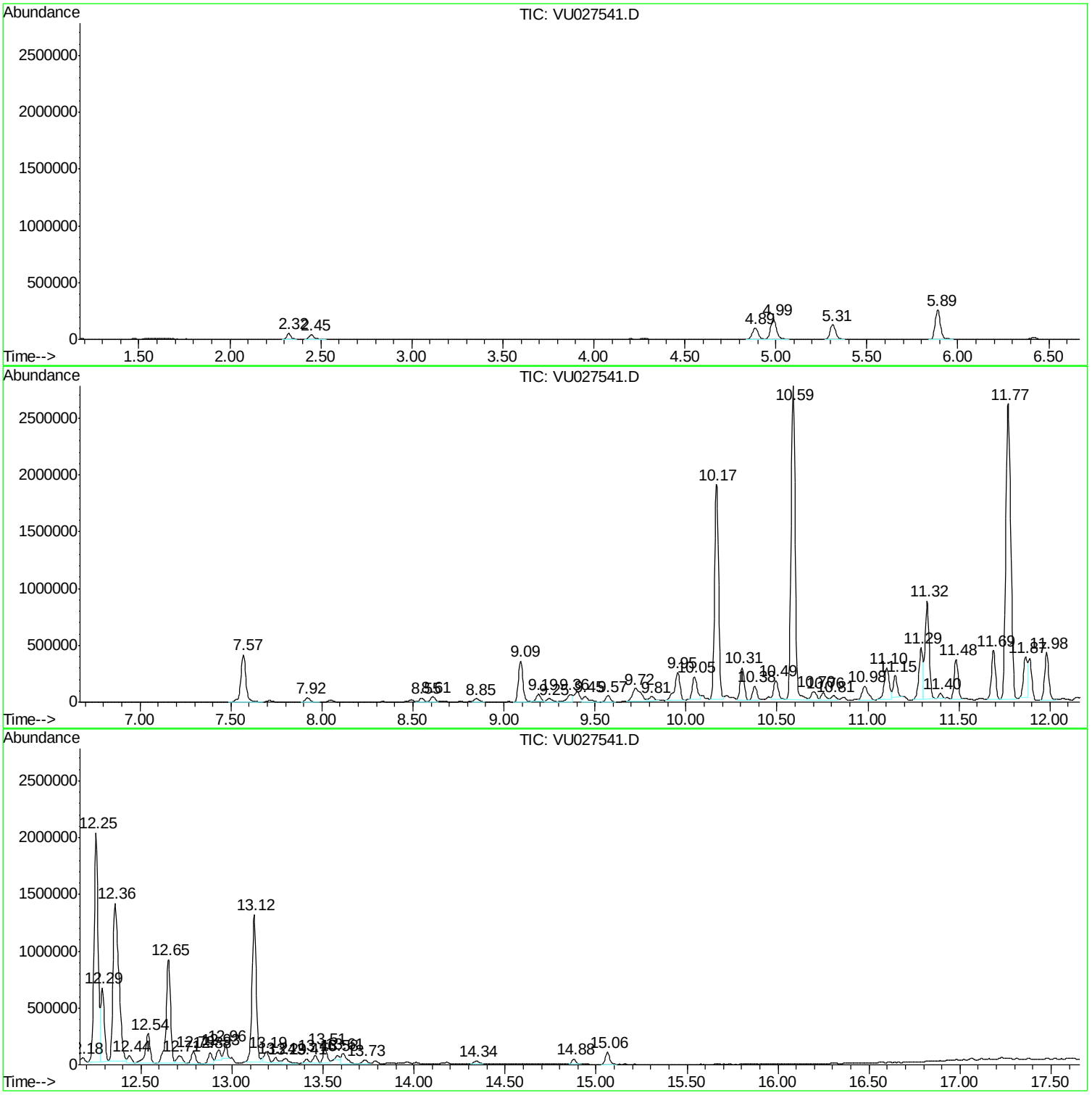
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027541.D
Acq On : 09 Oct 2018 23:05
Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027541.D
Acq On : 09 Oct 2018 23:05
Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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

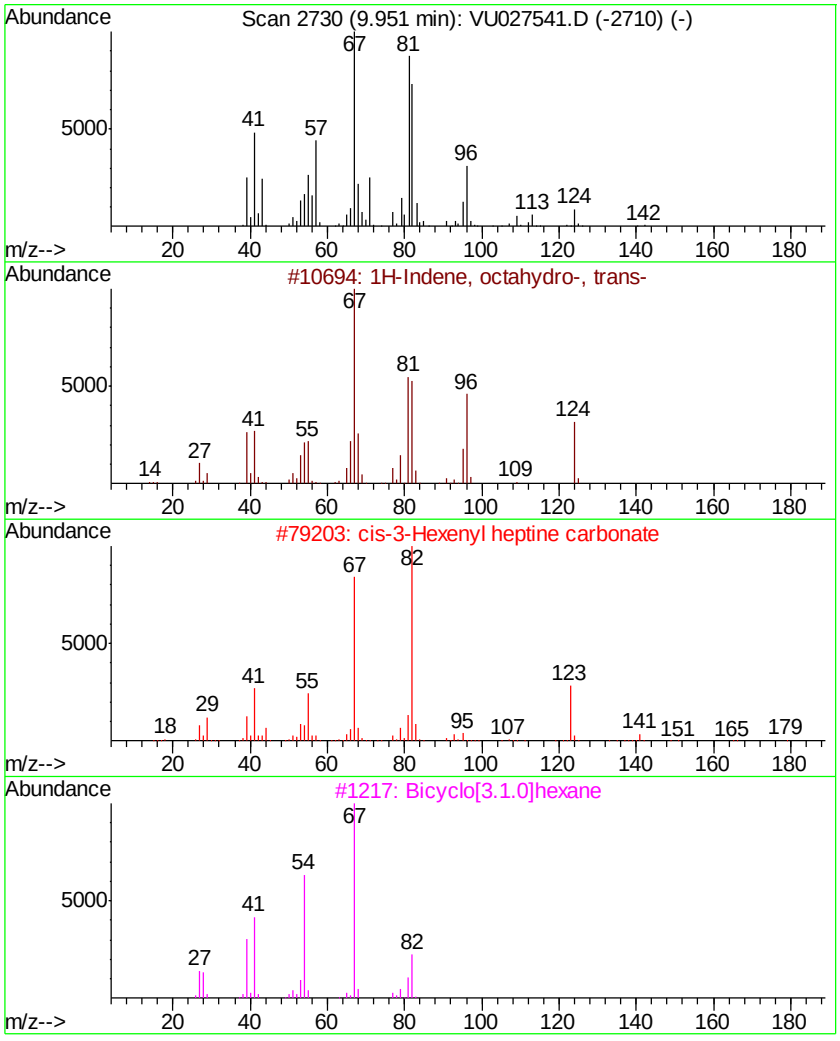
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

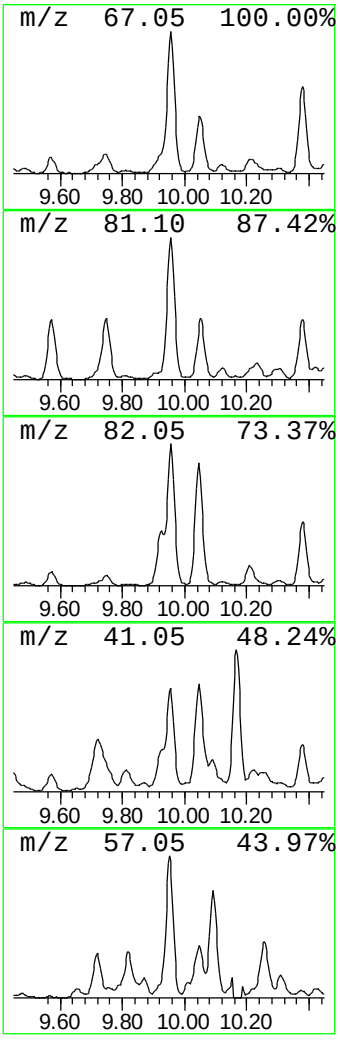
****

Peak Number 1 unknown9.95 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	43.39 ug/l	520504	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	49
2	cis-3-Hexenyl heptine carbonate	222	C14H22O2	068698-58-8	43
3	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	38
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	38
5	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027541.D
Acq On : 09 Oct 2018 23:05
Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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

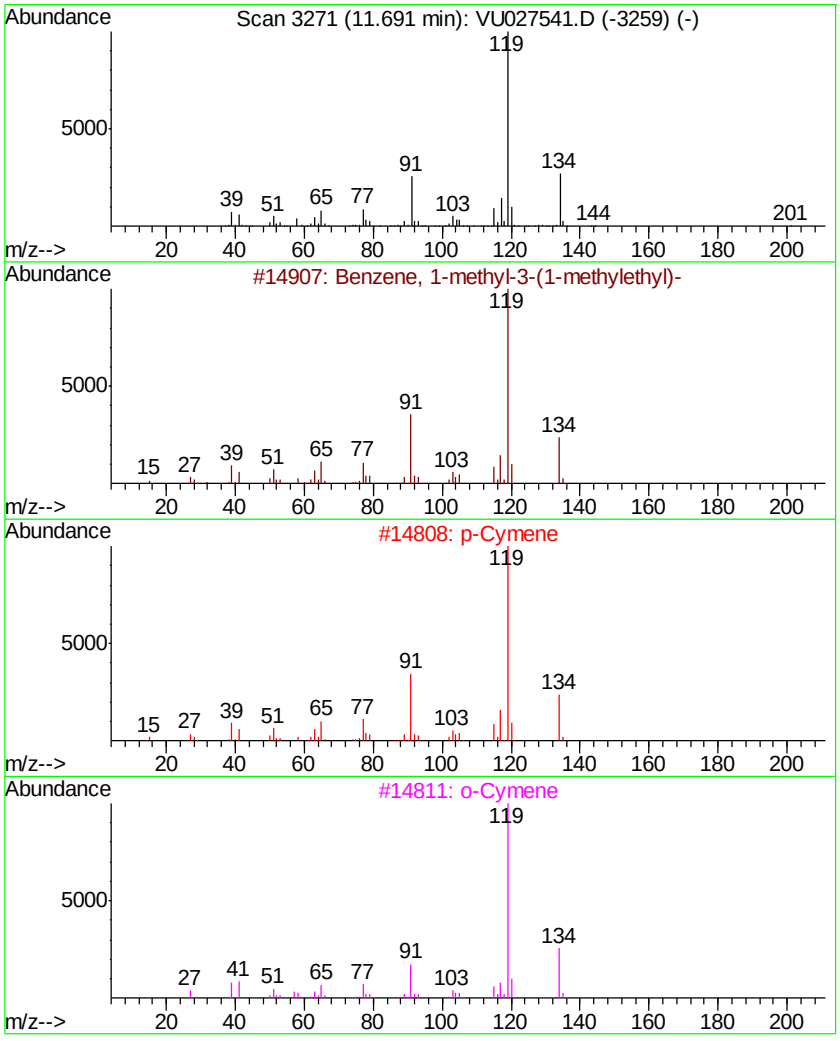
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

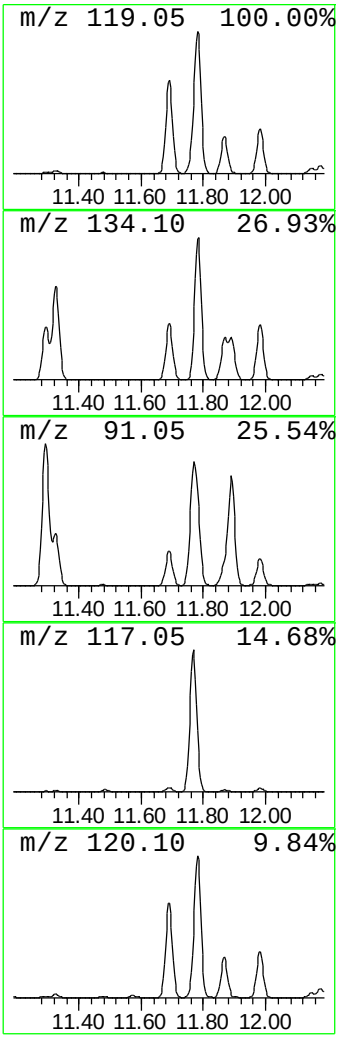
****

Peak Number 2 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	63.42 ug/l	675063	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	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027541.D
Acq On : 09 Oct 2018 23:05
Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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

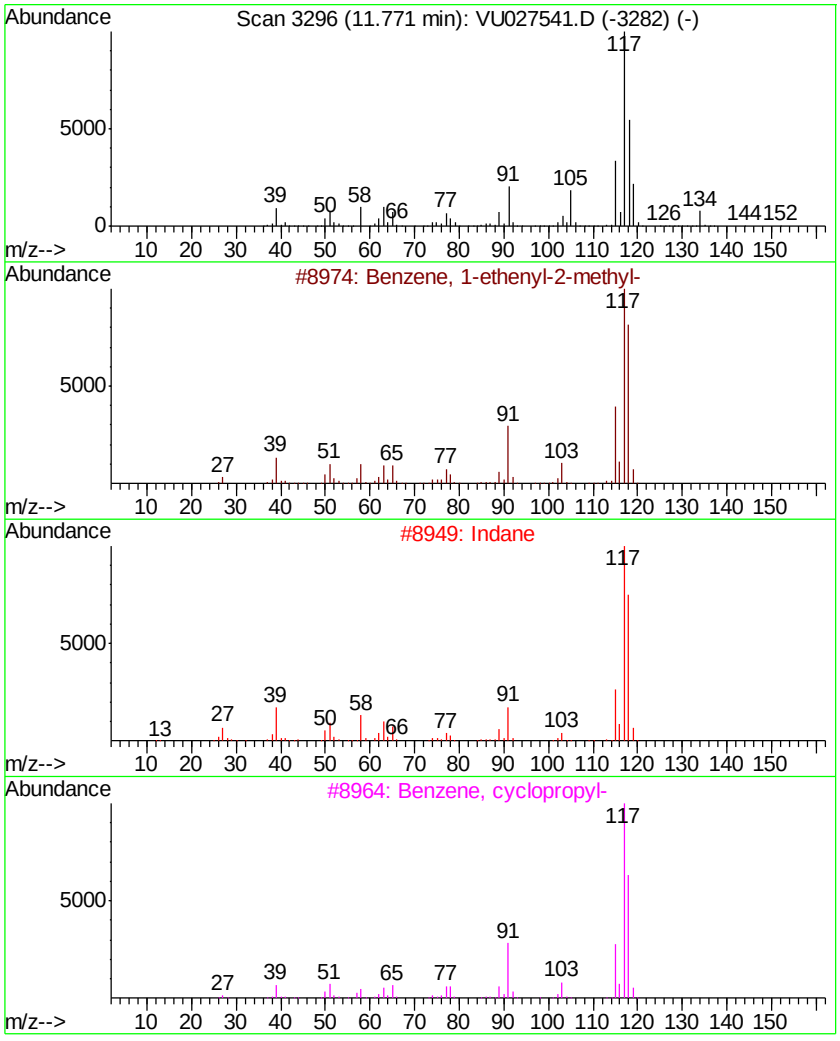
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

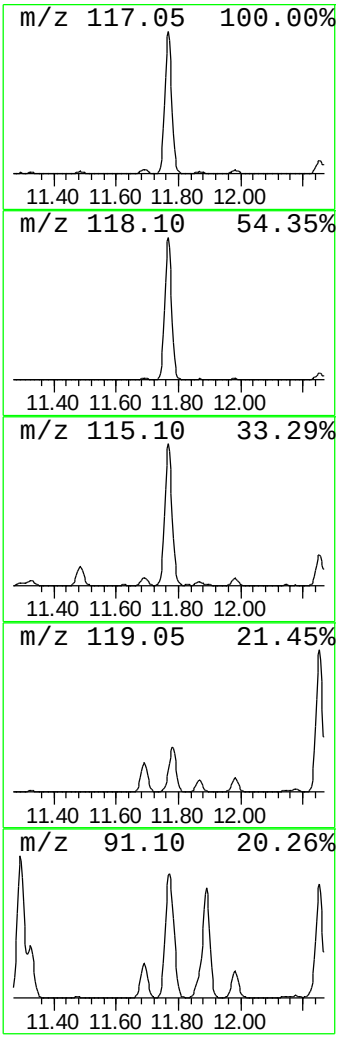
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	467.85 ug/l	4979930	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027541.D
Acq On : 09 Oct 2018 23:05
Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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

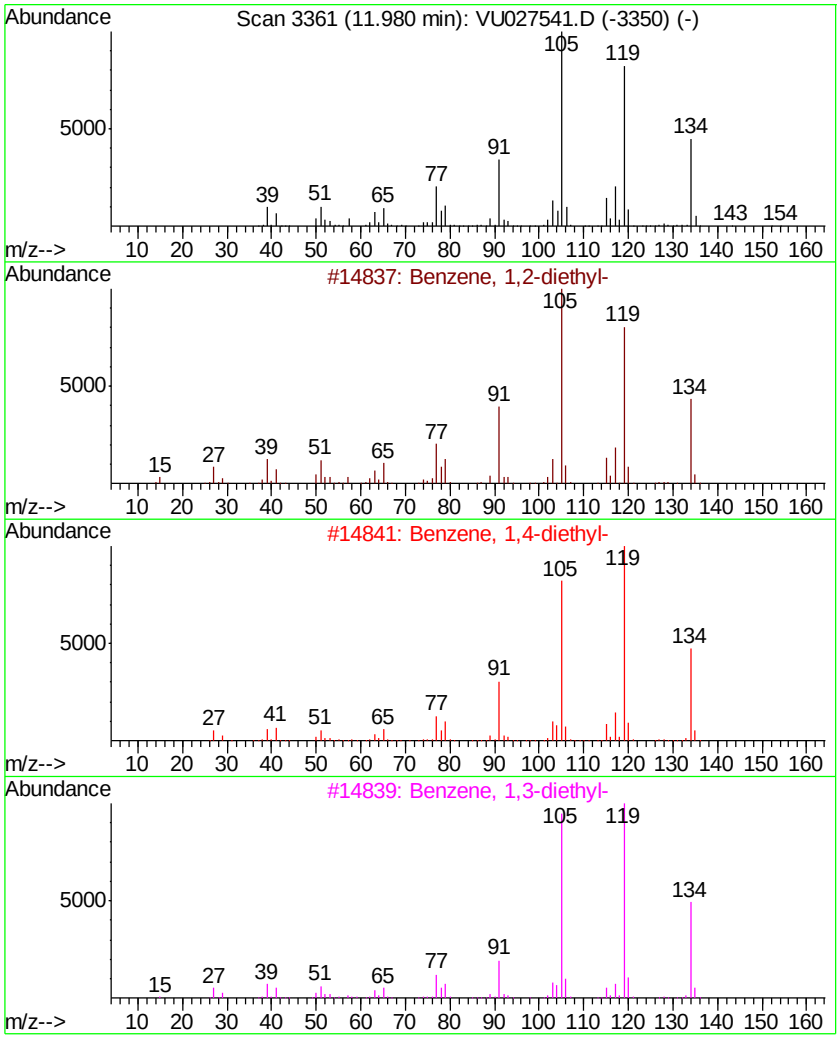
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

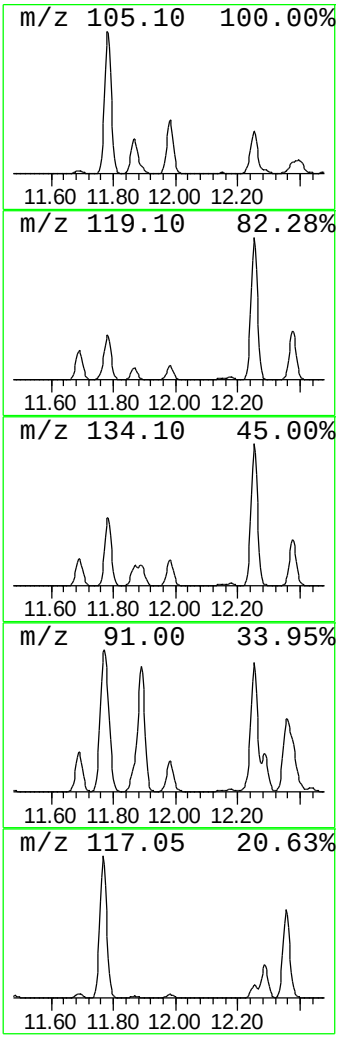
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	63.55 ug/l	676399	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
5	o-Cymene	134	C10H14	000527-84-4	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027541.D
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Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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

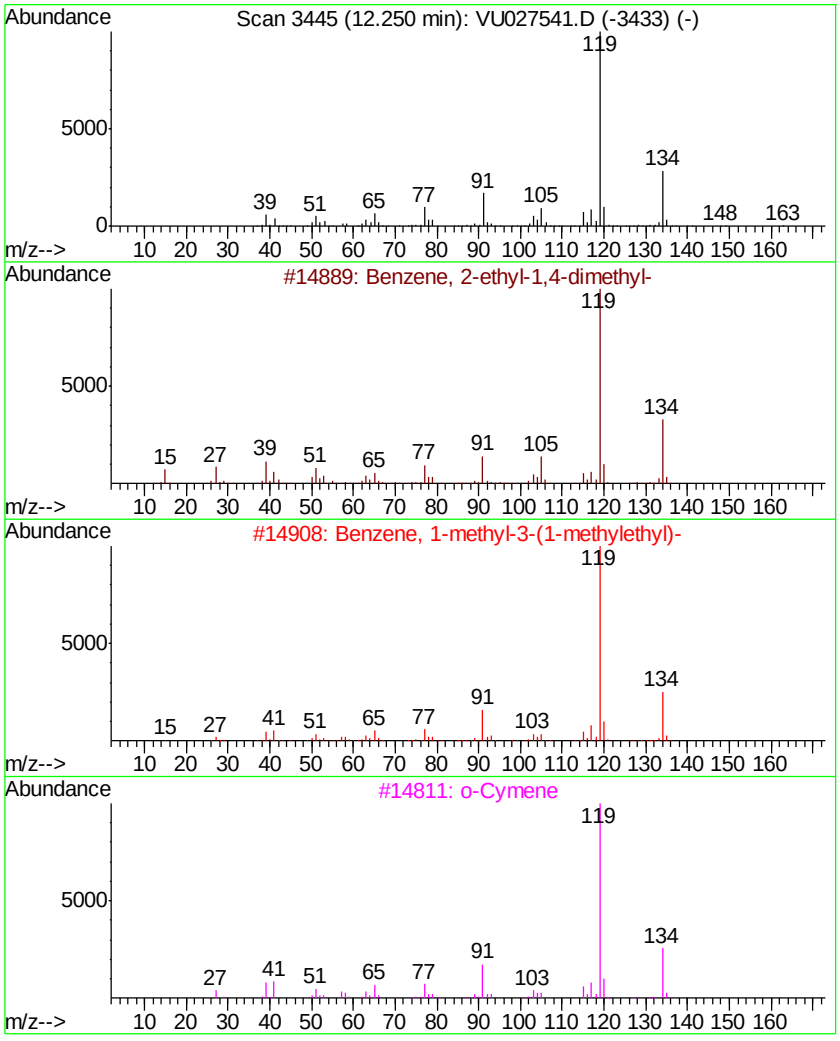
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

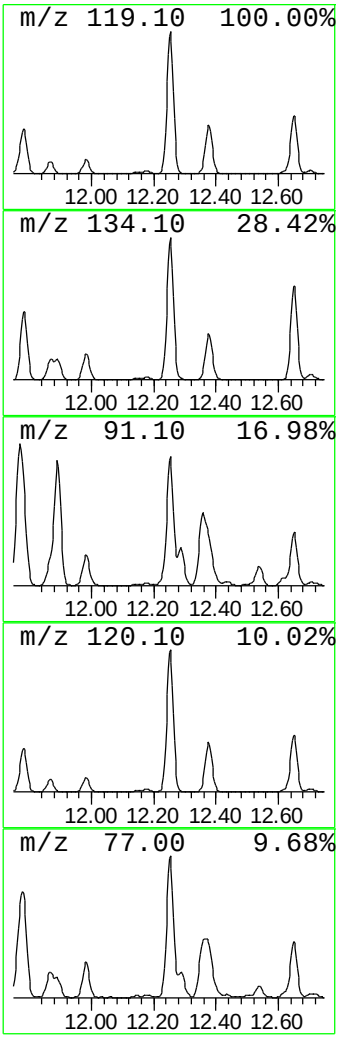
****

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	297.40 ug/l	3165620	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	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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

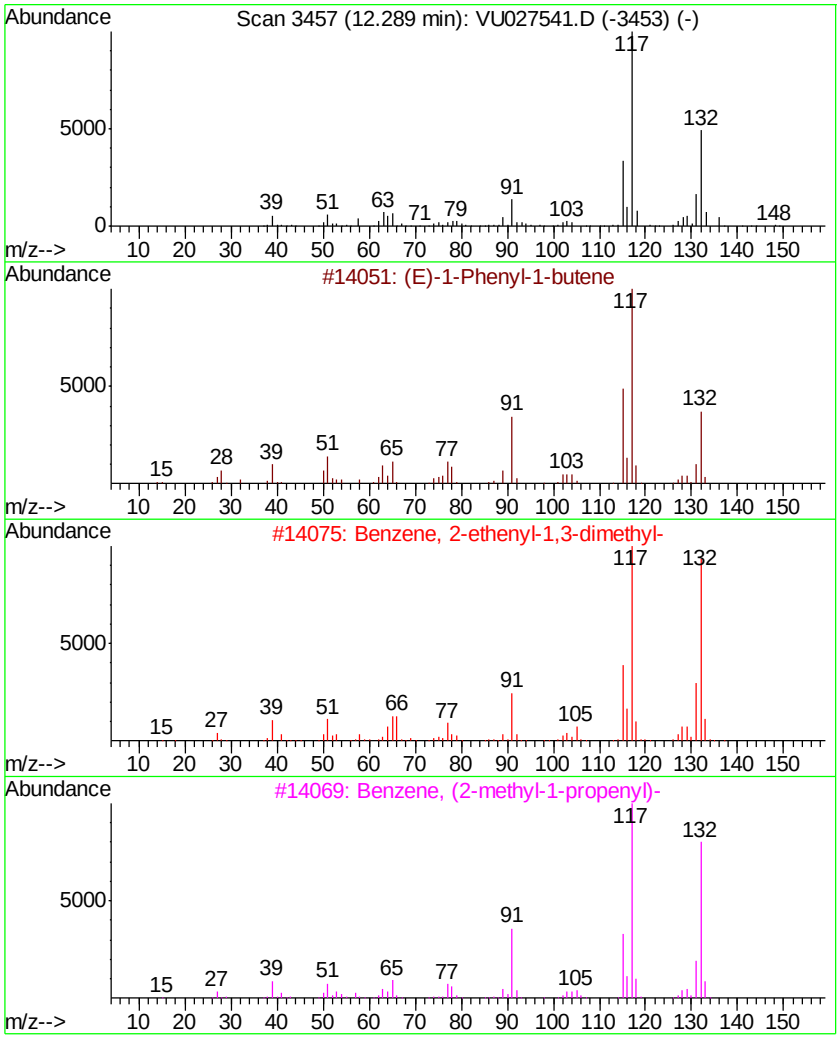
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

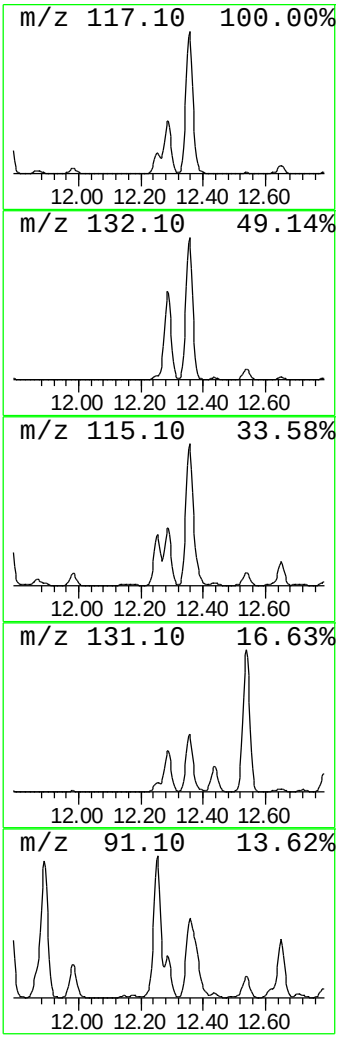
****

Peak Number 6 (E)-1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	79.81 ug/l	849549	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	93
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	92
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027541.D
Acq On : 09 Oct 2018 23:05
Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

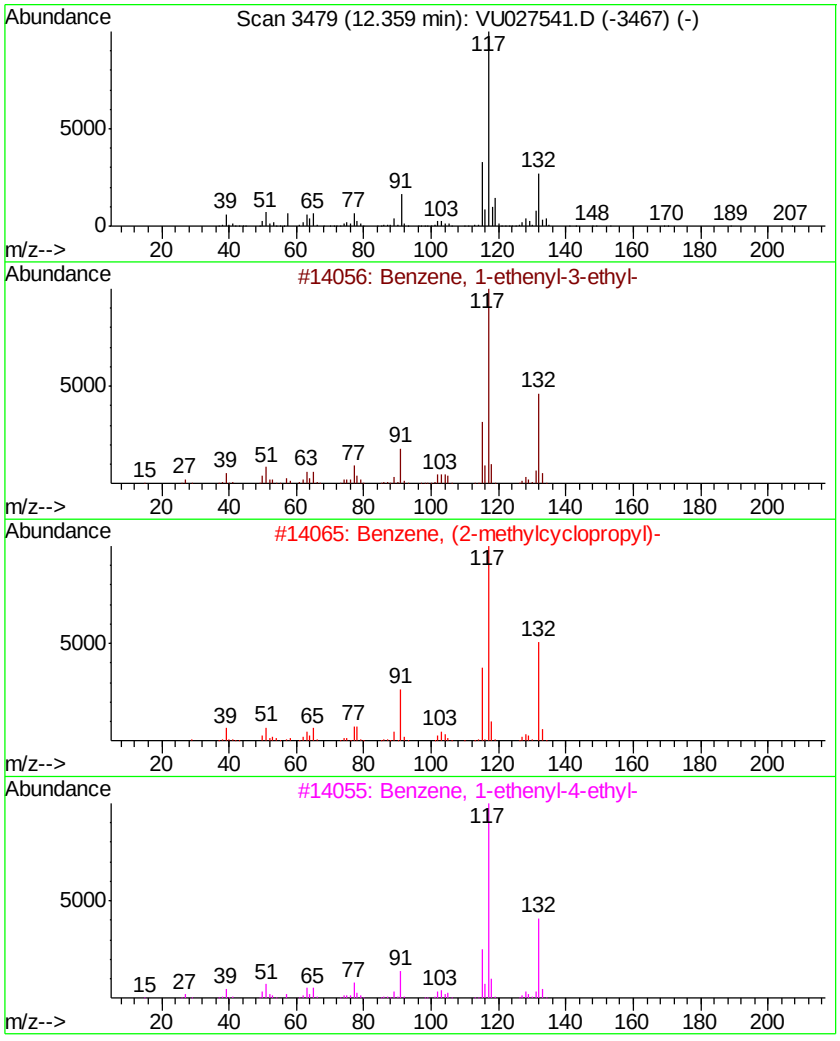
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

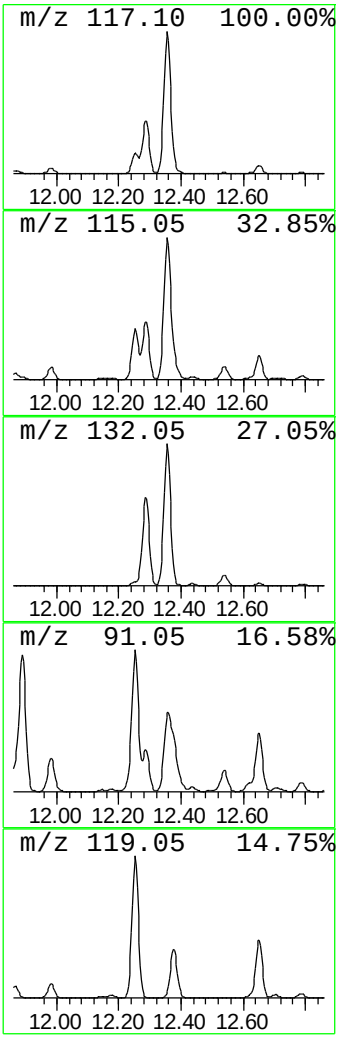
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	293.60 ug/l	3125140	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027541.D
Acq On : 09 Oct 2018 23:05
Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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

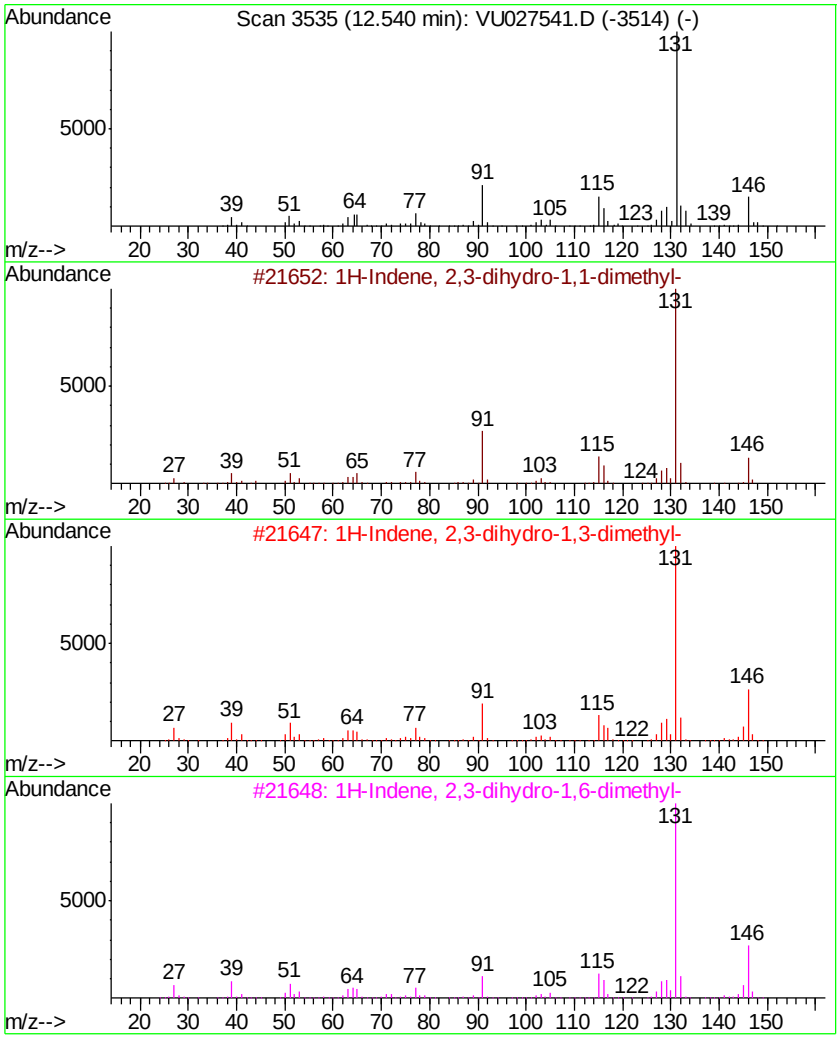
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

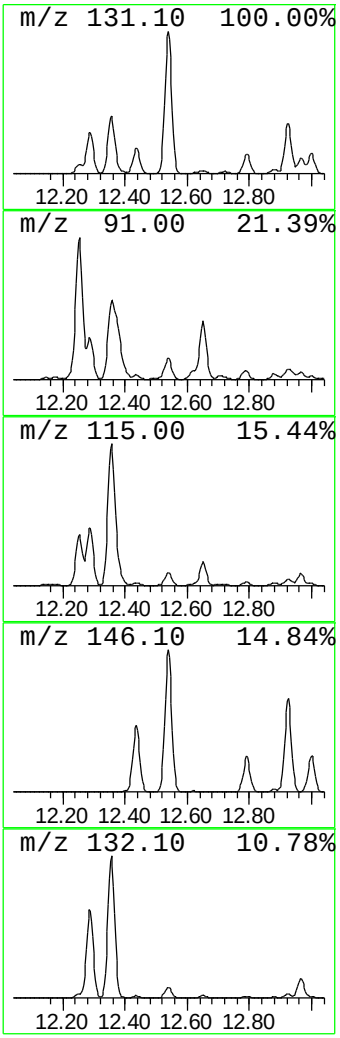
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	46.11 ug/l	490796	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	97
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027541.D
Acq On : 09 Oct 2018 23:05
Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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

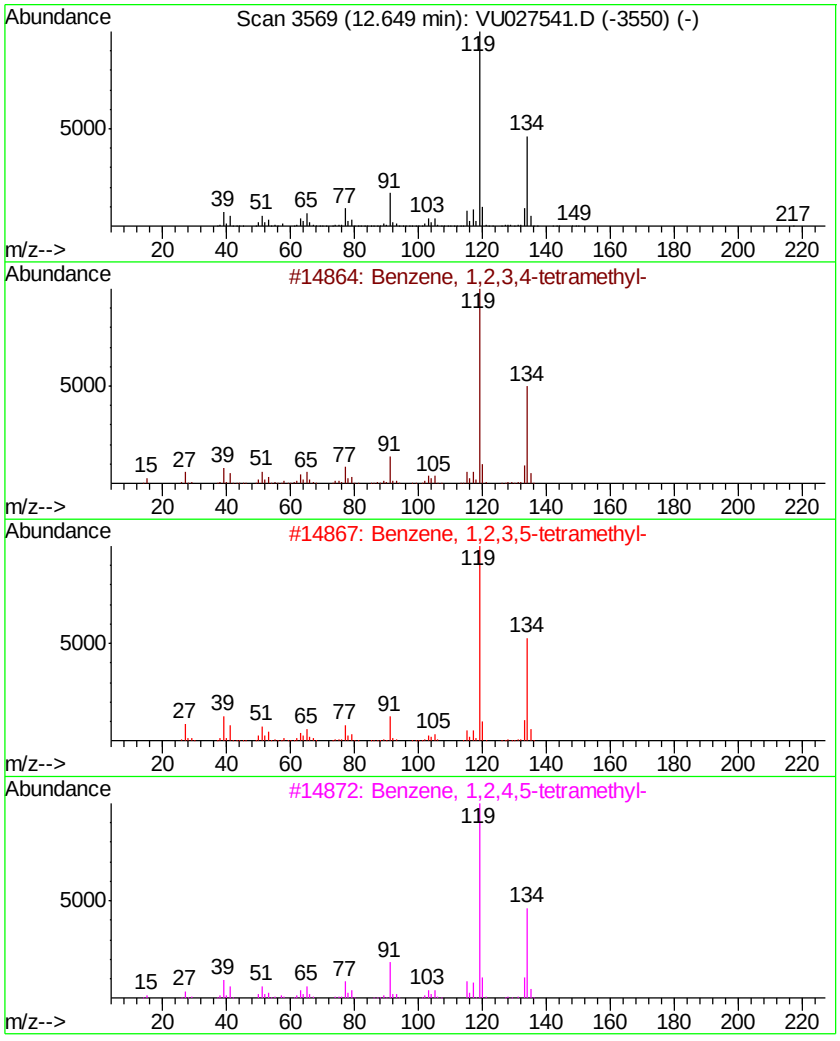
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

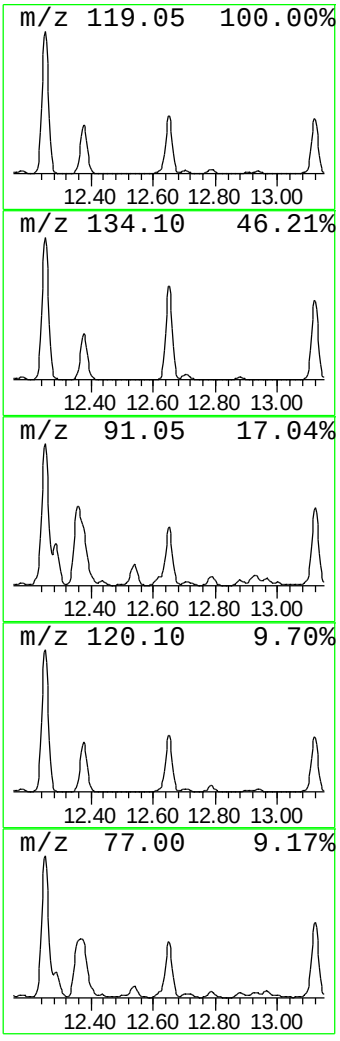
****

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	143.44 ug/l	1526760	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027541.D
Acq On : 09 Oct 2018 23:05
Operator : MD/SY
Sample : J5165-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-A

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
unknown9.95	9.95	43.4	ug/l	520504	3	9.09	599734	50.0
Benzene, 1-methyl...	11.69	63.4	ug/l	675063	4	11.48	532215	50.0
Benzene, 1-etheny...	11.77	467.9	ug/l	4979930	4	11.48	532215	50.0
Benzene, 1,2-diet...	11.98	63.5	ug/l	676399	4	11.48	532215	50.0
Benzene, 2-ethyl-...	12.25	297.4	ug/l	3165620	4	11.48	532215	50.0
(E)-1-Phenyl-1-bu...	12.29	79.8	ug/l	849549	4	11.48	532215	50.0
Benzene, 1-etheny...	12.36	293.6	ug/l	3125140	4	11.48	532215	50.0
1H-Indene, 2,3-di...	12.54	46.1	ug/l	490796	4	11.48	532215	50.0
Benzene, 1,2,3,4-...	12.65	143.4	ug/l	1526760	4	11.48	532215	50.0