LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024694.D
Acq On : 18 Jun 2018 16:12
Operator : MD/SY
Sample : J3463-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-2-8.0-061218

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\82U061318W.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	1.092	140	156	176	rBV	2717854	3148218	100.00%	24.459%
2	2.323	530	539	556	rVB	33295	53995	1.72%	0.419%
3	2.445	567	577	599	rVB2	17017	33928	1.08%	0.264%
4	3.005	736	751	770	rBV	34655	76501	2.43%	0.594%
5	4.889	1320	1337	1353	rBV2	179089	404058	12.83%	3.139%
6	4.989	1353	1368	1387	rVB	238043	526172	16.71%	4.088%
7	5.316	1453	1470	1491	rBV	176036	376174	11.95%	2.923%
8	5.892	1634	1649	1677	rBV	347878	695033	22.08%	5.400%
9	7.570	2150	2171	2202	rBV	647248	1159859	36.84%	9.011%
10	9.094	2632	2645	2666	rBV	492205	842683	26.77%	6.547%
11	10.310	3011	3023	3043	rBV	479799	780318	24.79%	6.062%
12	11.487	3377	3389	3411	rBV	564918	896075	28.46%	6.962%
13	11.692	3443	3453	3464	rVB	24322	35990	1.14%	0.280%
14	11.770	3464	3477	3493	rBV3	260671	470305	14.94%	3.654%
15	11.985	3533	3544	3556	rBV	49718	78654	2.50%	0.611%
16	12.255	3609	3628	3633	rBV	77712	125406	3.98%	0.974%
17	12.291	3633	3639	3649	rVV	73233	114543	3.64%	0.890%
18	12.358	3649	3660	3679	rVV2	192259	333976	10.61%	2.595%
19	12.541	3707	3717	3729	rVB	42571	68998	2.19%	0.536%
20	12.654	3734	3752	3762	rBV	174004	289259	9.19%	2.247%
21	12.930	3829	3838	3843	rBV3	31568	51802	1.65%	0.402%
22	12.969	3843	3850	3858	rVB	56780	80832	2.57%	0.628%
23	13.126	3887	3899	3911	rVB3	301573	477548	15.17%	3.710%
24	13.297	3943	3952	3965	rVB6	17349	33764	1.07%	0.262%
25	13.516	4010	4020	4027	rVV3	54159	84288	2.68%	0.655%
26	13.583	4027	4041	4045	rVV4	42761	97573	3.10%	0.758%
27	13.612	4046	4050	4072	rVB3	59856	126099	4.01%	0.980%
28	13.744	4079	4091	4101	rBV2	49143	98532	3.13%	0.766%
29	13.860	4116	4127	4138	rBV	55515	88120	2.80%	0.685%
30	13.953	4147	4156	4168	rVB3	65684	110668	3.52%	0.860%
31	14.159	4209	4220	4223	rBV2	24700	38940	1.24%	0.303%
32	14.335	4266	4275	4290	rBV3	47293	97912	3.11%	0.761%
33	14.480	4311	4320	4330	rVV	31659	52127	1.66%	0.405%
34	14.541	4330	4339	4354	rVB3	39006	70390	2.24%	0.547%

LSC Area Percent Report

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Operator : MD/SY
Sample : J3463-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-2-8.0-061218

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\82U061318W.M
Title : SW846 8260

35	14.683	4372	4383	4399	rBV3	70952	133325	4.23%	1.036%
36	14.879	4434	4444	4453	rBV9	16007	35696	1.13%	0.277%
37	14.937	4454	4462	4480	rVB5	19816	46477	1.48%	0.361%
38	15.078	4492	4506	4517	rBV5	31412	74014	2.35%	0.575%
39	15.593	4652	4666	4681	rVB4	15808	33926	1.08%	0.264%
40	15.837	4737	4742	4755	rVB	27159	44319	1.41%	0.344%
41	15.921	4755	4768	4776	rBV3	38153	71326	2.27%	0.554%
42	16.062	4796	4812	4822	rBV	95333	157641	5.01%	1.225%
43	16.265	4862	4875	4879	rBV4	32486	53451	1.70%	0.415%
44	16.294	4879	4884	4894	rVB2	41514	67106	2.13%	0.521%
45	16.435	4918	4928	4943	rBV2	35656	58252	1.85%	0.453%
46	16.740	5013	5023	5037	rBV2	47530	77166	2.45%	0.600%

Sum of corrected areas: 12871439

LSC Report - Integrated Chromatogram

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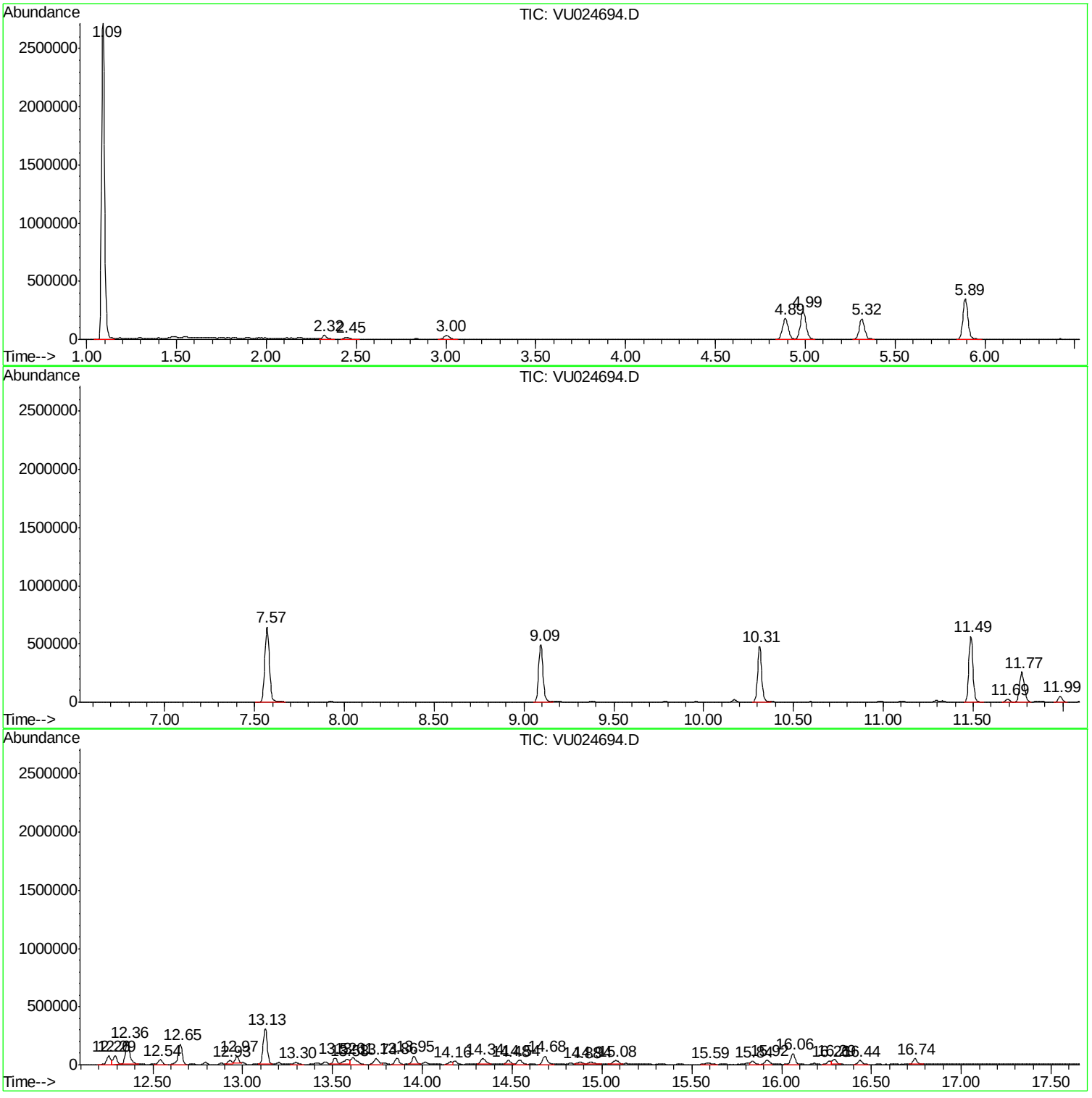
Data File : VU024694.D
Acq On : 18 Jun 2018 16:12
Operator : MD/SY
Sample : J3463-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-2-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024694.D
Acq On : 18 Jun 2018 16:12
Operator : MD/SY
Sample : J3463-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-2-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

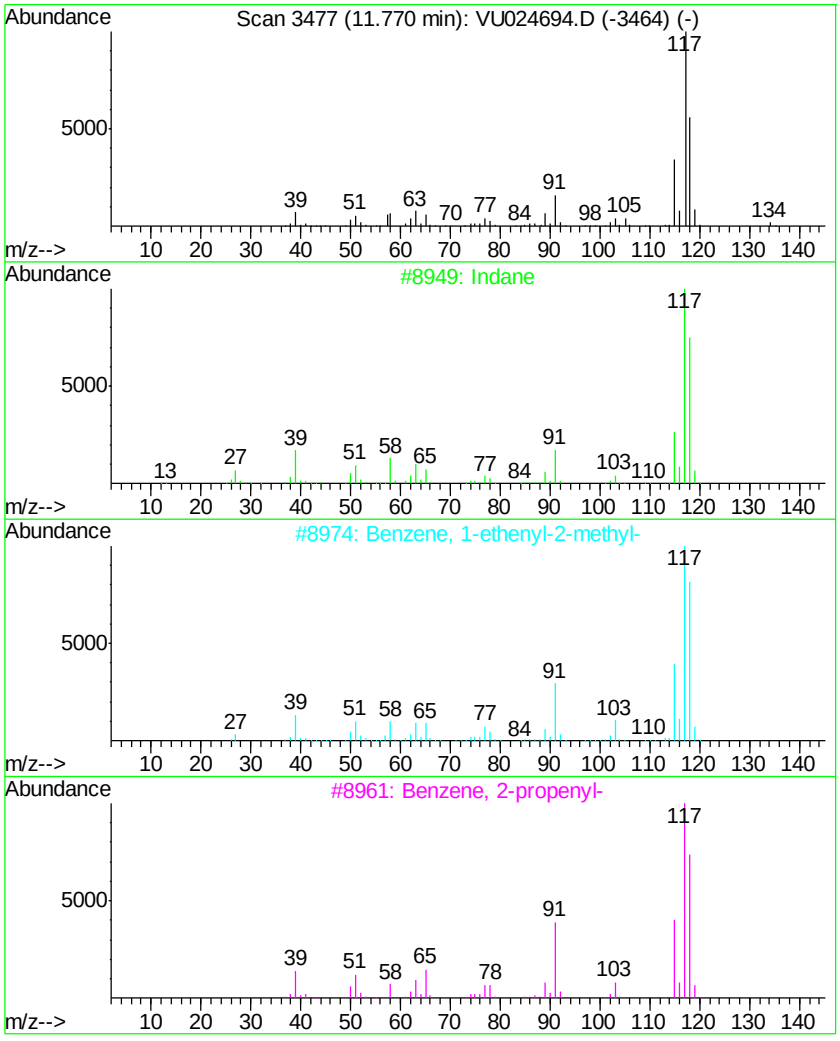
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

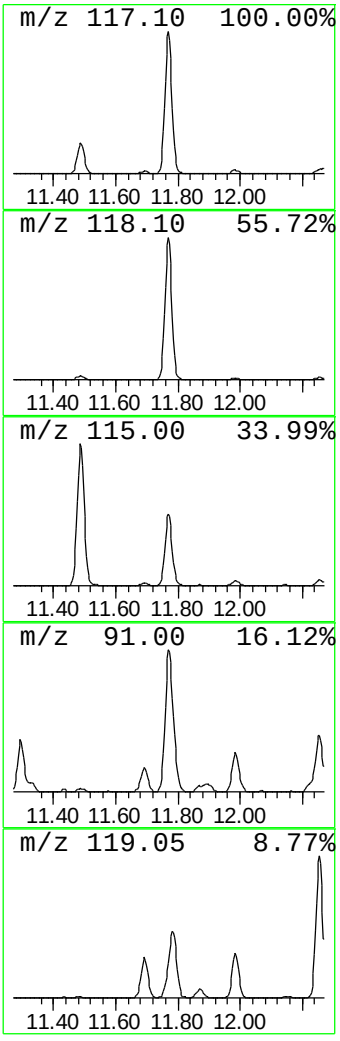
****

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	26.24 ug/l	470305	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024694.D
Acq On : 18 Jun 2018 16:12
Operator : MD/SY
Sample : J3463-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-2-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

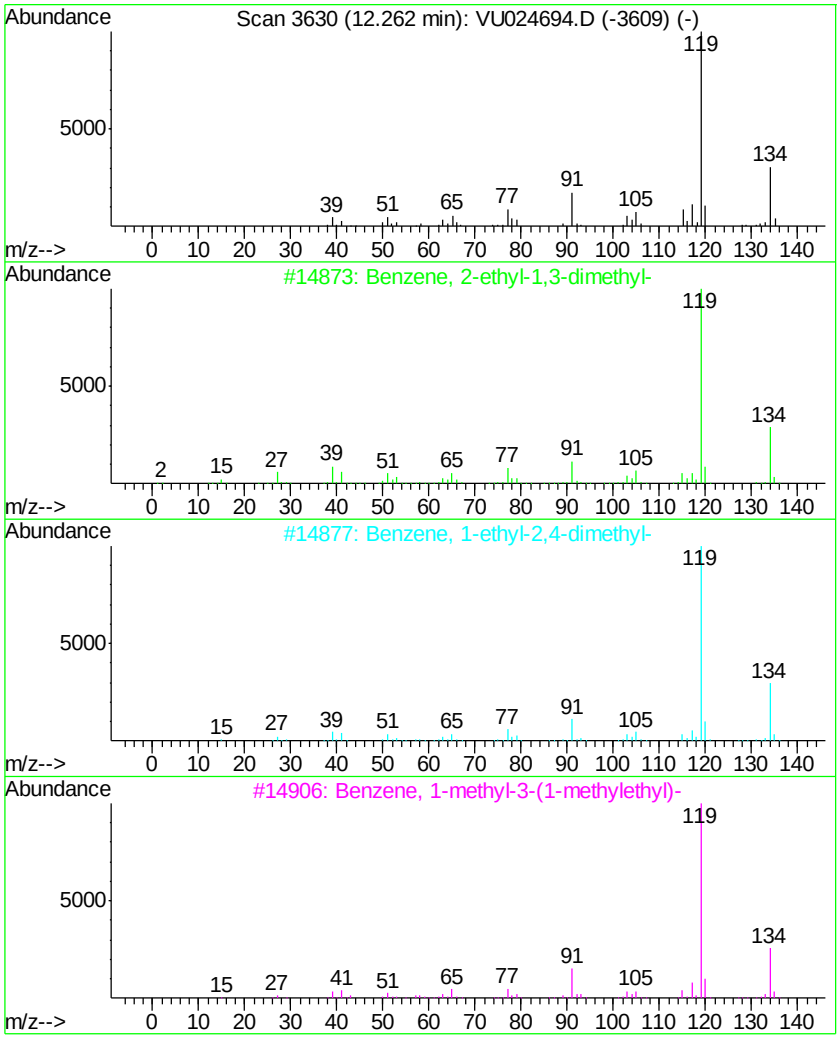
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

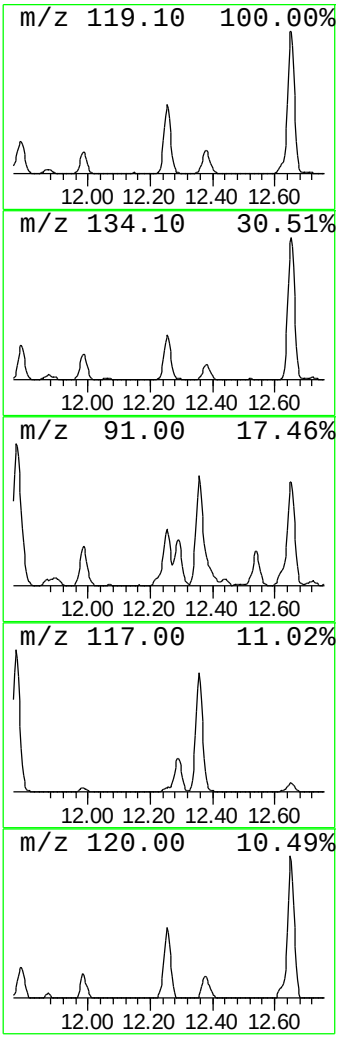
****

Peak Number 3 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	7.00 ug/l	125406	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024694.D
Acq On : 18 Jun 2018 16:12
Operator : MD/SY
Sample : J3463-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-2-8.0-061218

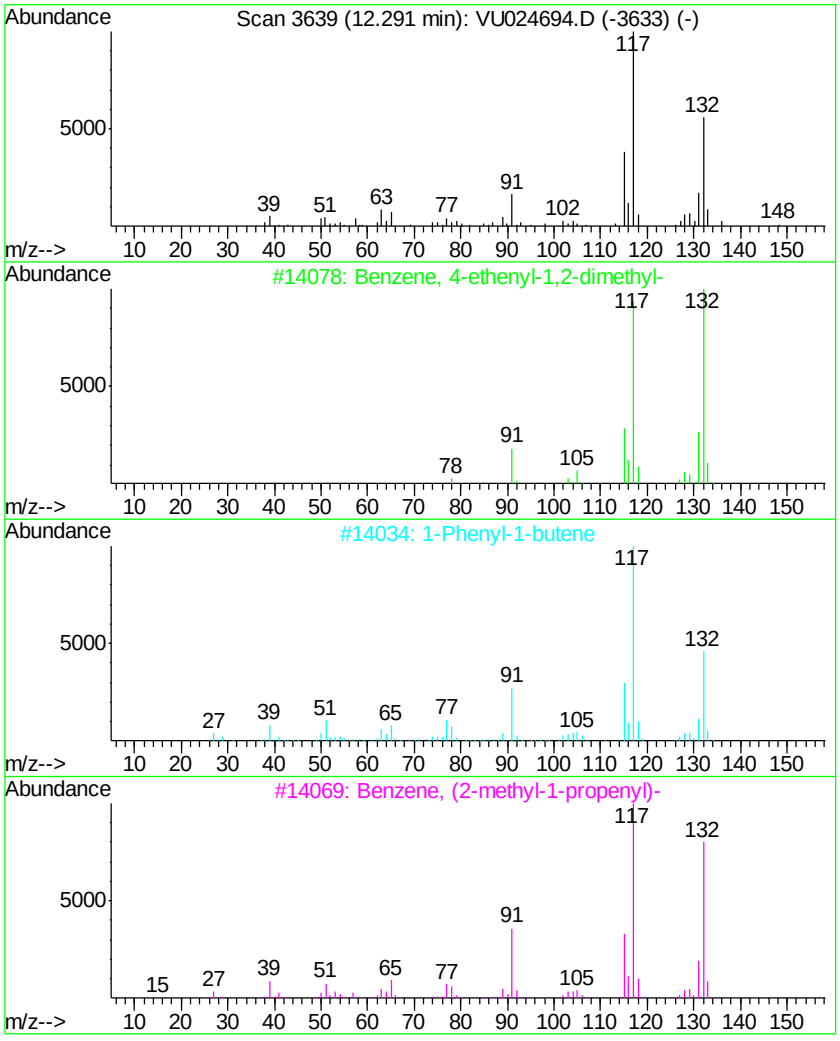
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

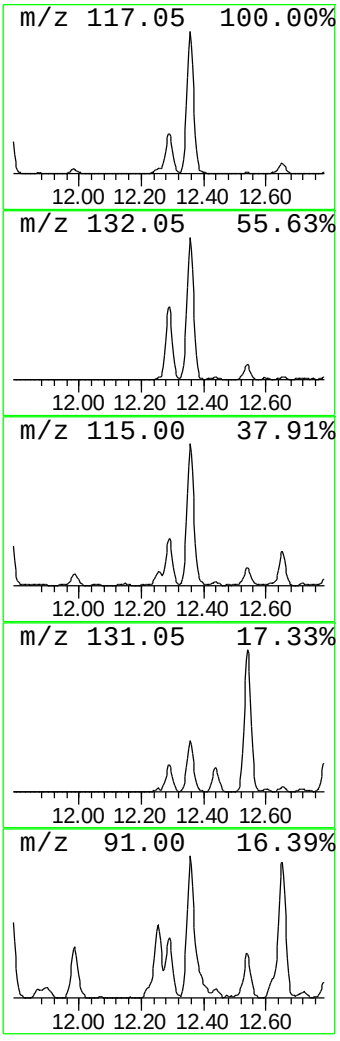
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	6.39 ug/l	114543	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024694.D
Acq On : 18 Jun 2018 16:12
Operator : MD/SY
Sample : J3463-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-2-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

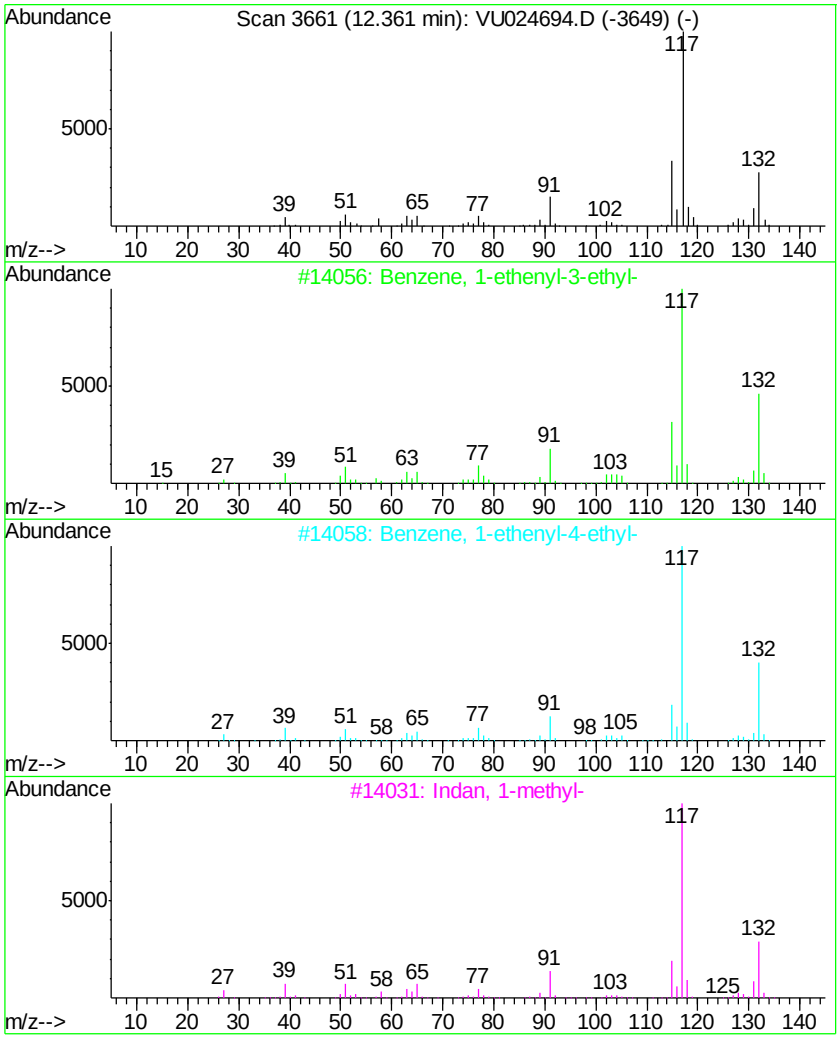
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

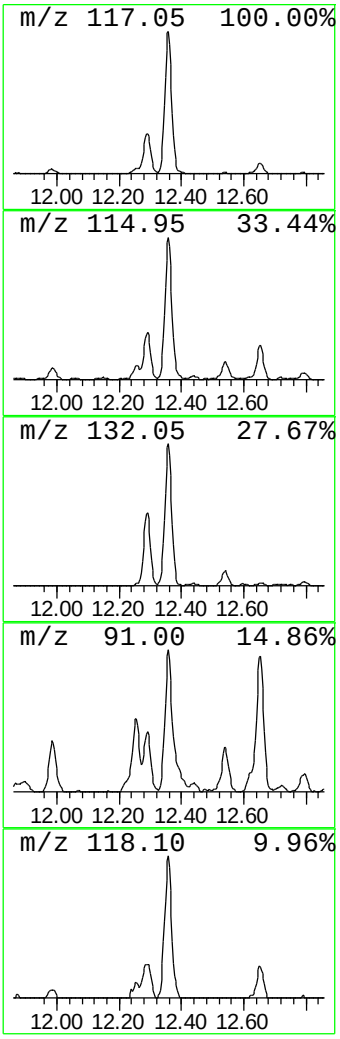
****

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	18.64 ug/l	333976	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024694.D
Acq On : 18 Jun 2018 16:12
Operator : MD/SY
Sample : J3463-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-2-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

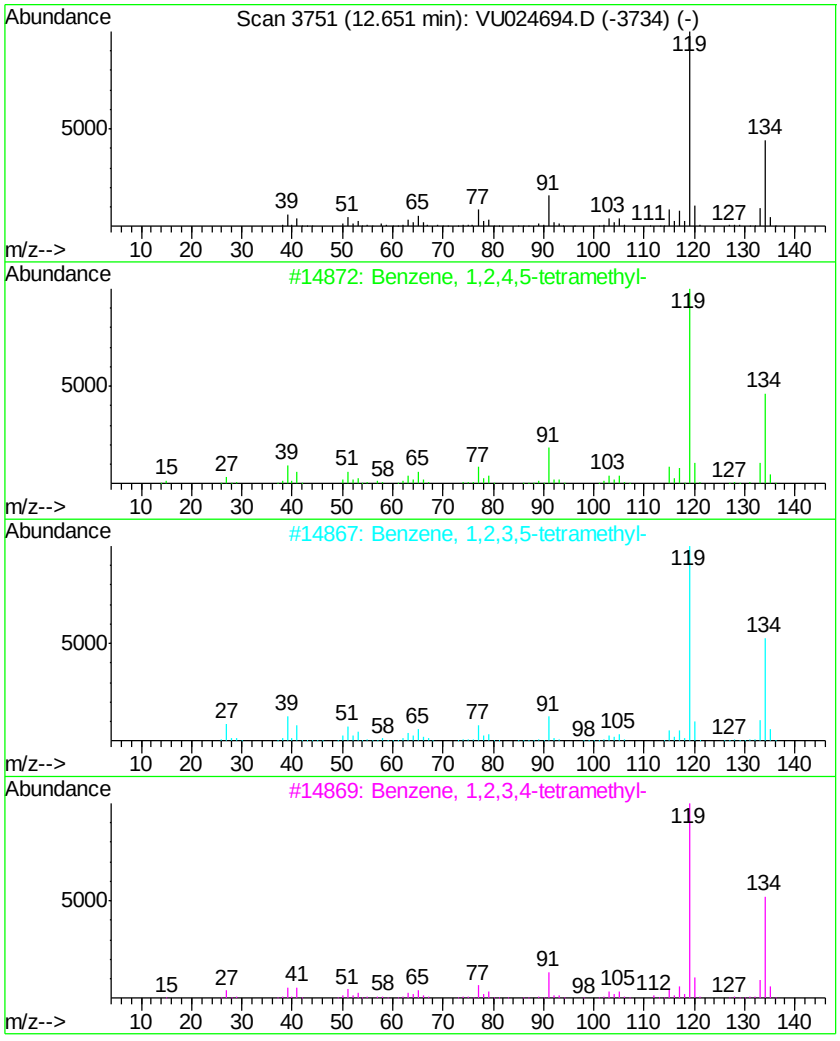
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

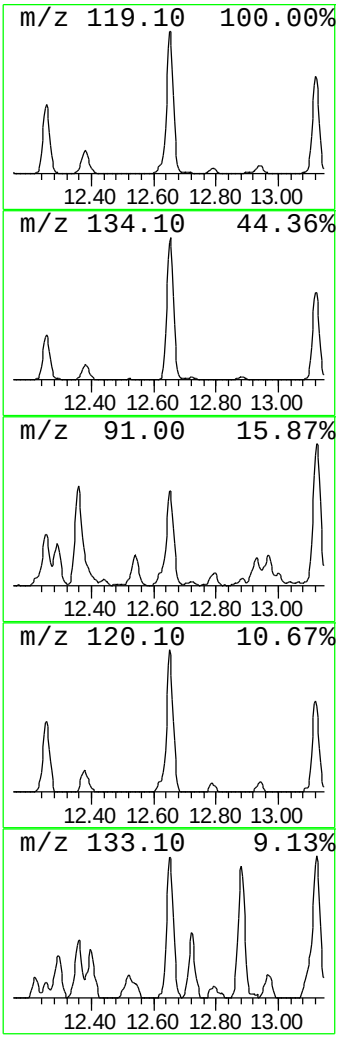
****

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	16.14 ug/l	289259	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	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Library Search Compound Report

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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : T11-MW-2-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

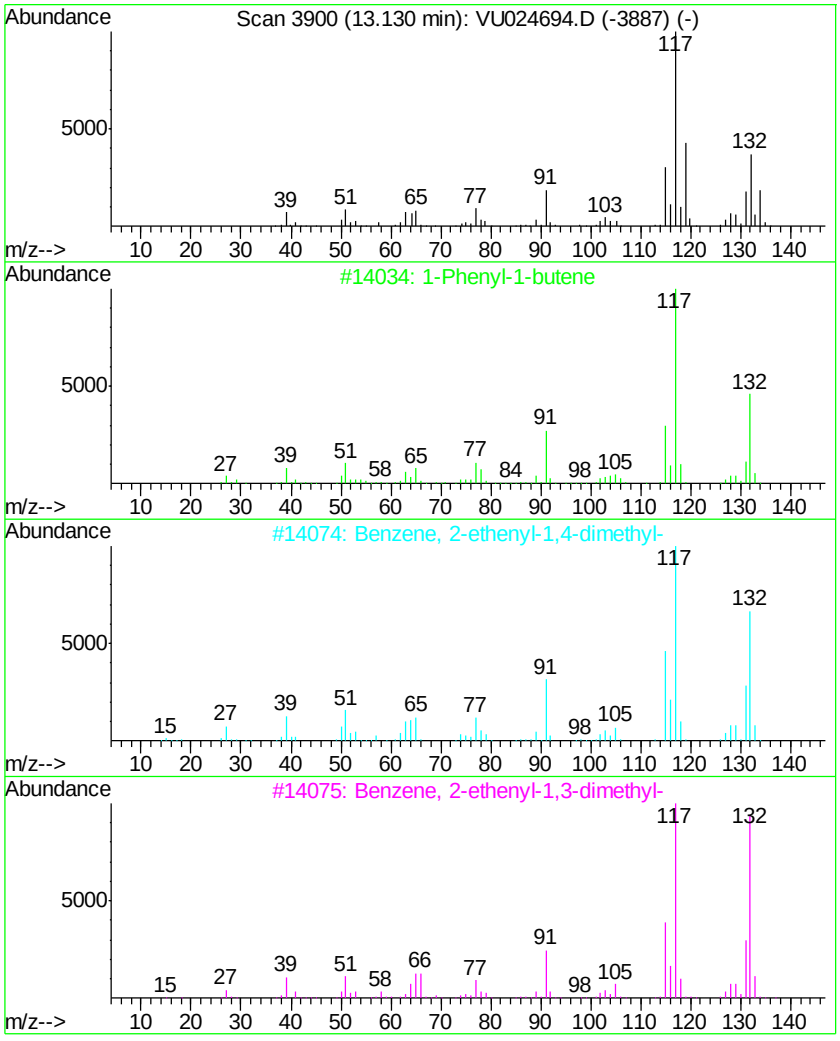
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

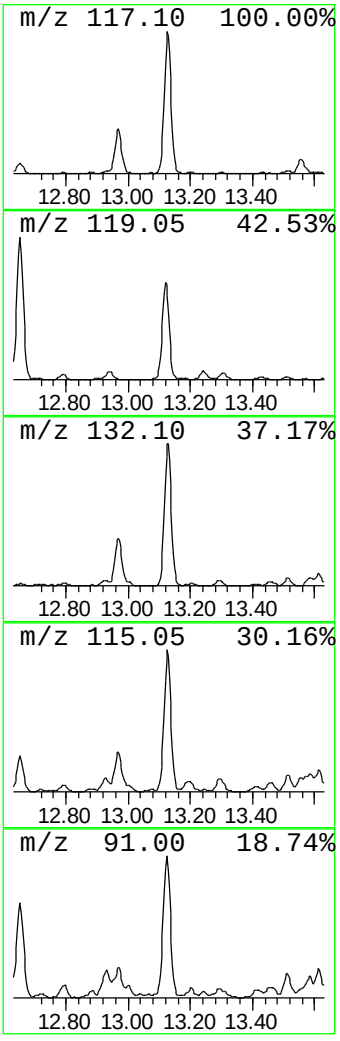
****

Peak Number 7 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	26.65 ug/l	477548	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	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91





Library Search Compound Report

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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : T11-MW-2-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

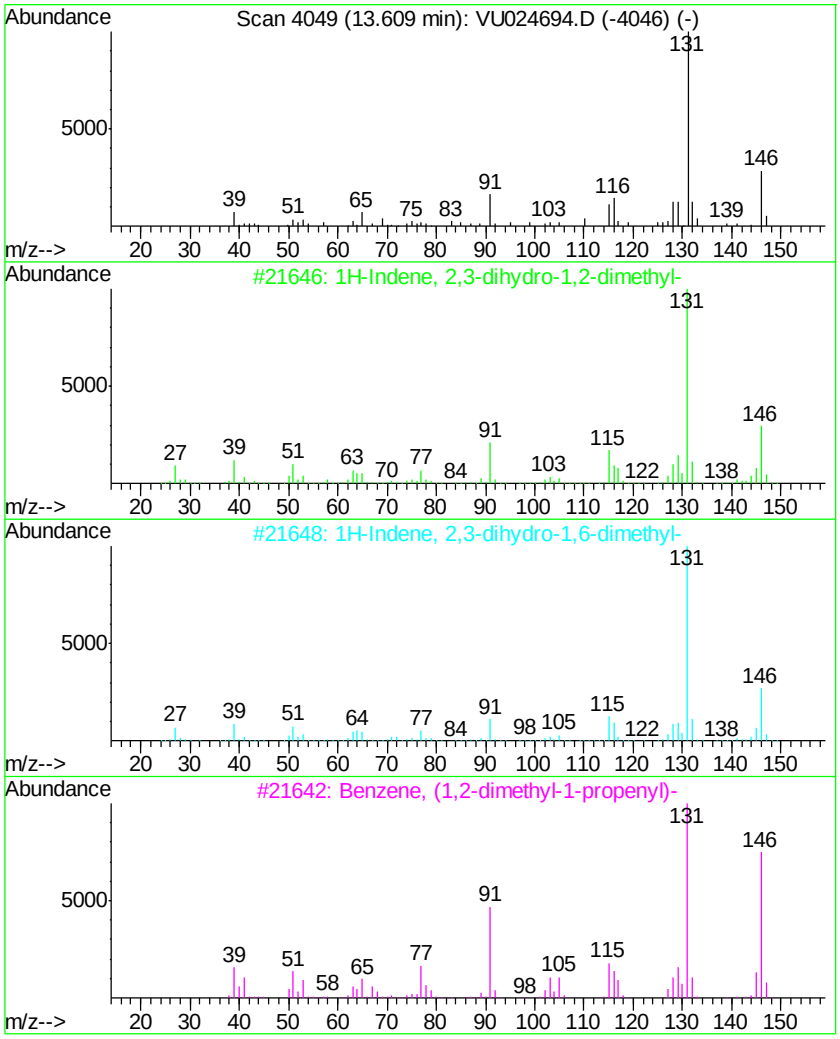
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

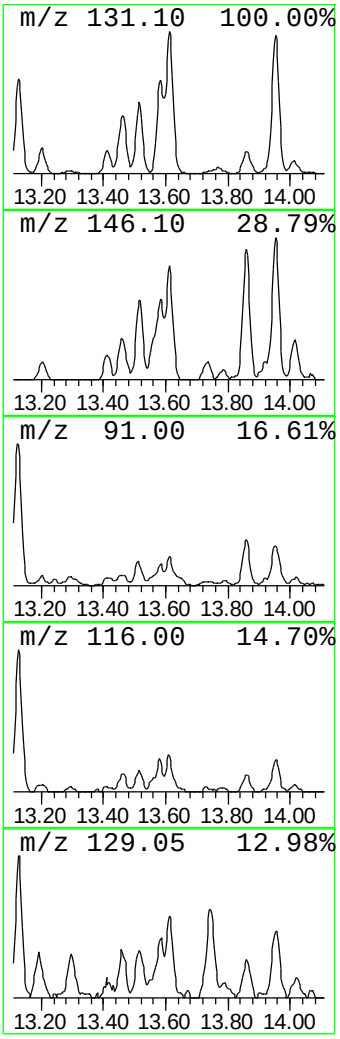
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	7.04 ug/l	126099	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91





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Data File : VU024694.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

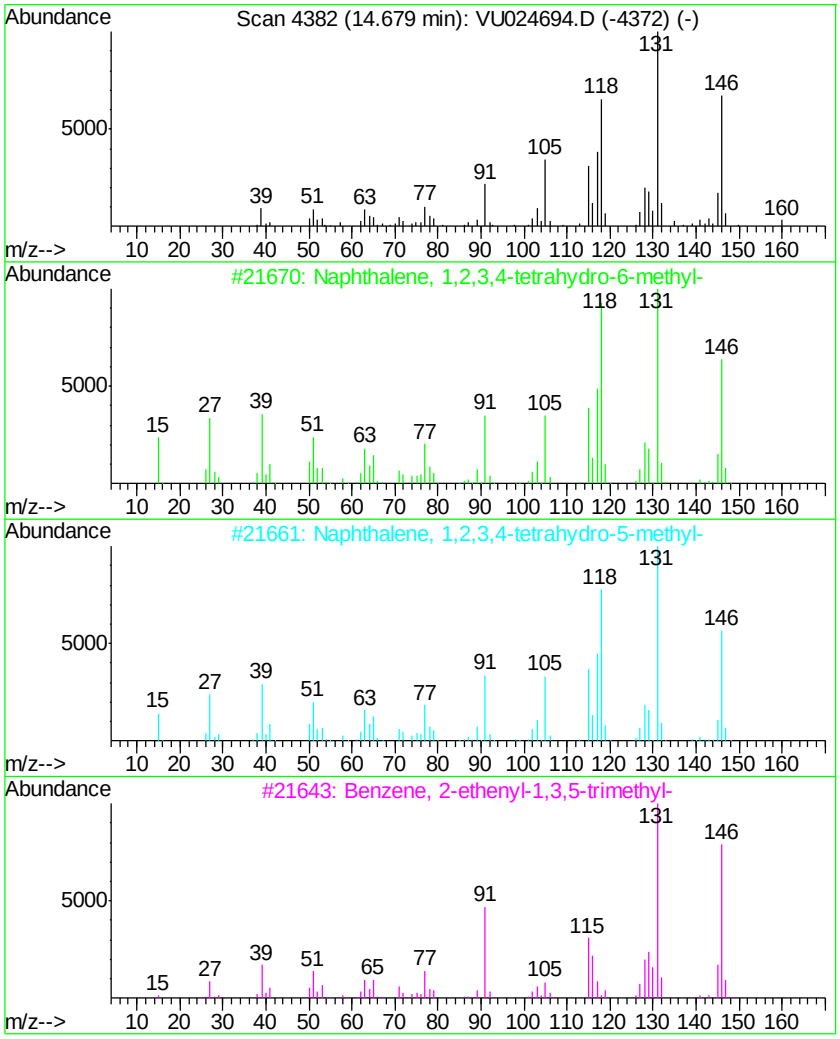
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

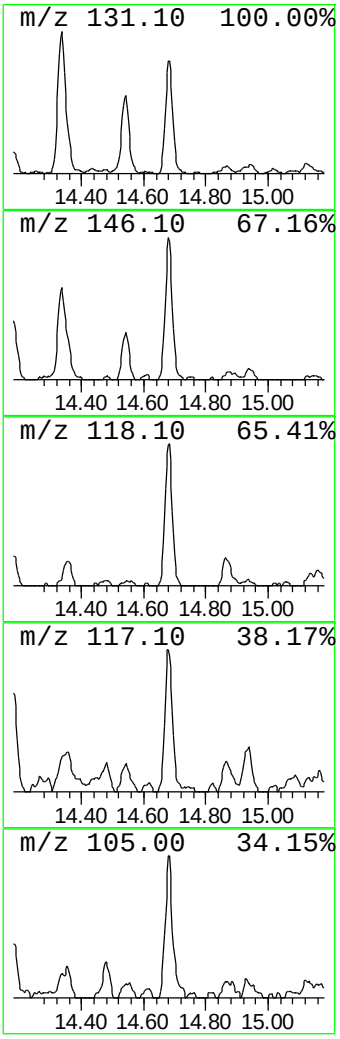
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	7.44 ug/l	133325	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	74
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024694.D
Acq On : 18 Jun 2018 16:12
Operator : MD/SY
Sample : J3463-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-2-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

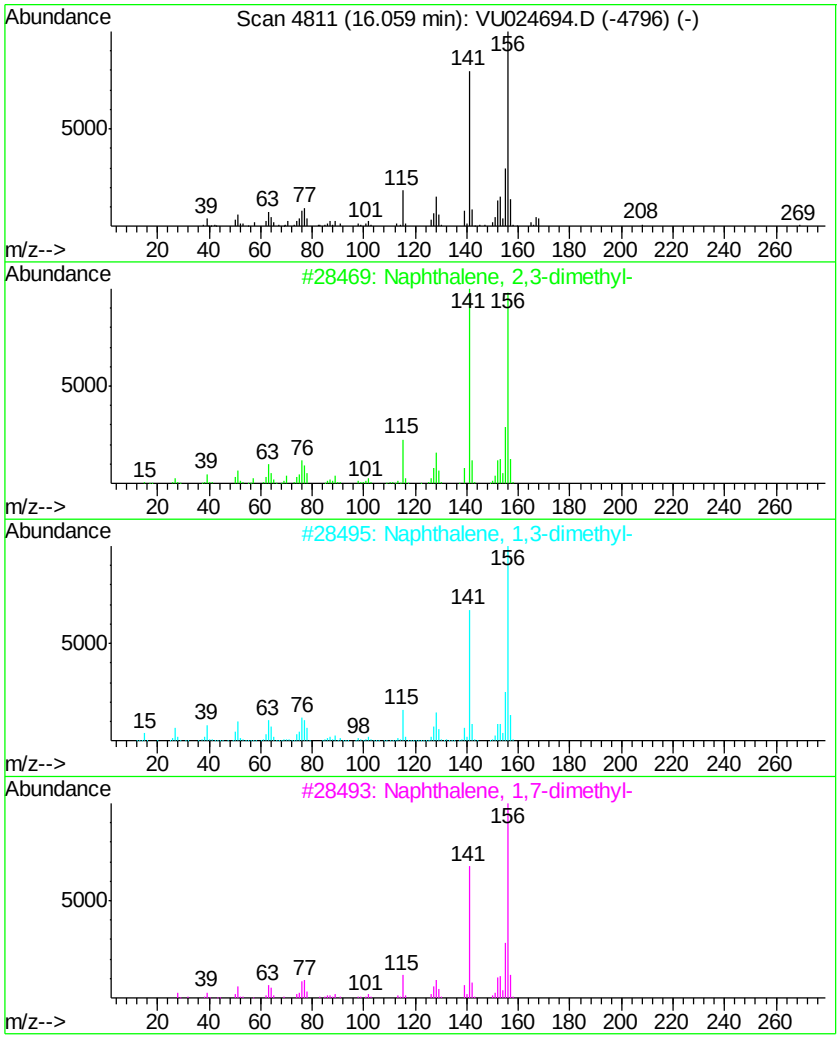
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

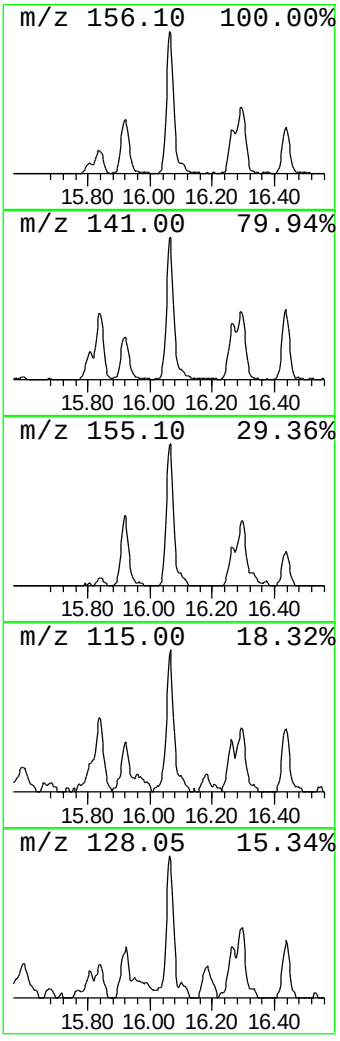
****

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	8.80 ug/l	157641	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024694.D
Acq On : 18 Jun 2018 16:12
Operator : MD/SY
Sample : J3463-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-2-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.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
Indane	11.77	26.2	ug/l	470305	4	11.49	896075	50.0
Benzene, 2-ethyl-...	12.26	7.0	ug/l	125406	4	11.49	896075	50.0
Benzene, 4-etheny...	12.29	6.4	ug/l	114543	4	11.49	896075	50.0
Benzene, 1-etheny...	12.36	18.6	ug/l	333976	4	11.49	896075	50.0
Benzene, 1,2,4,5-...	12.65	16.1	ug/l	289259	4	11.49	896075	50.0
1-Phenyl-1-butene	13.13	26.6	ug/l	477548	4	11.49	896075	50.0
1H-Indene, 2,3-di...	13.61	7.0	ug/l	126099	4	11.49	896075	50.0
Naphthalene, 1,2,...	14.68	7.4	ug/l	133325	4	11.49	896075	50.0
Naphthalene, 2,3-...	16.06	8.8	ug/l	157641	4	11.49	896075	50.0