LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053087.D
Acq On : 21 Dec 2018 5:43
Operator : MD\SY
Sample : J6519-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 48 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-13-8.0-122018

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_N\METHODS\82N121818W.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	3.818	620	636	657	rBV2	30512	86096	1.39%	0.173%
2	5.047	990	1018	1050	rBV2	299930	1119183	18.03%	2.245%
3	7.593	1790	1810	1821	rBV	724483	1811992	29.18%	3.635%
4	7.667	1821	1833	1873	rVB	1500322	3562922	57.38%	7.148%
5	8.030	1928	1946	1971	rBV	802127	1909217	30.75%	3.830%
6	8.329	1975	2039	2070	rBV3	88657	750503	12.09%	1.506%
7	8.587	2103	2119	2141	rBV	2147684	4378633	70.52%	8.784%
8	9.082	2251	2273	2288	rVB3	45698	116392	1.87%	0.233%
9	10.091	2572	2587	2604	rBV	3437002	6208901	100.00%	12.456%
10	11.406	2982	2996	3016	rBV	2959161	5132844	82.67%	10.297%
11	11.950	3144	3165	3179	rBV4	37391	138551	2.23%	0.278%
12	12.249	3247	3258	3270	rVB	383082	617001	9.94%	1.238%
13	12.403	3292	3306	3320	rBV	2420533	4084162	65.78%	8.193%
14	12.593	3355	3365	3379	rVB	433392	749408	12.07%	1.503%
15	12.992	3484	3489	3497	rVV	56438	93418	1.50%	0.187%
16	13.040	3498	3504	3514	rVB	42195	66914	1.08%	0.134%
17	13.172	3531	3545	3555	rBV3	187725	374598	6.03%	0.751%
18	13.342	3586	3598	3619	rVB	2816398	4743954	76.41%	9.517%
19	13.442	3621	3629	3640	rVB2	109547	168537	2.71%	0.338%
20	13.512	3641	3651	3653	rVV	317642	398044	6.41%	0.799%
21	13.545	3654	3661	3671	rVV	1033454	1723963	27.77%	3.458%
22	13.593	3671	3676	3691	rVV2	98695	214876	3.46%	0.431%
23	13.673	3691	3701	3712	rVB	212294	352353	5.67%	0.707%
24	13.889	3757	3768	3778	rBV	676441	1069215	17.22%	2.145%
25	13.947	3778	3786	3792	rVV	240602	372141	5.99%	0.747%
26	13.995	3792	3801	3812	rVB2	908779	1512283	24.36%	3.034%
27	14.133	3833	3844	3852	rBV	128058	208147	3.35%	0.418%
28	14.210	3852	3868	3886	rVB	569853	1013129	16.32%	2.032%
29	14.429	3925	3936	3943	rBV3	76879	152588	2.46%	0.306%
30	14.477	3943	3951	3961	rBV2	150985	256035	4.12%	0.514%
31	14.590	3973	3986	3999	rBV3	1343807	2746109	44.23%	5.509%
32	14.654	3999	4006	4017	rVB5	61585	113290	1.82%	0.227%
33	14.741	4024	4033	4044	rVB	312975	486819	7.84%	0.977%
34	14.850	4059	4067	4073	rBV4	119799	190165	3.06%	0.381%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053087.D
Acq On : 21 Dec 2018 5:43
Operator : MD\SY
Sample : J6519-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-13-8.0-122018

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_N\METHODS\82N121818W.M
Title : SW846 8260

35	14.885	4074	4078	4088	rVV2	116279	168601	2.72%	0.338%
36	14.956	4090	4100	4110	rVV2	240374	502897	8.10%	1.009%
37	15.133	4147	4155	4164	rVB	186327	301986	4.86%	0.606%
38	15.191	4165	4173	4181	rVB	83008	123384	1.99%	0.248%
39	15.262	4182	4195	4203	rBV2	107472	265729	4.28%	0.533%
40	15.419	4234	4244	4254	rBV	48319	85211	1.37%	0.171%
41	15.483	4257	4264	4277	rVB5	50172	94813	1.53%	0.190%
42	15.580	4283	4294	4299	rBV2	74751	148563	2.39%	0.298%
43	15.702	4323	4332	4340	rBV2	38653	67425	1.09%	0.135%
44	15.914	4385	4398	4412	rBV2	189286	392660	6.32%	0.788%
45	16.162	4465	4475	4506	rVB2	124970	321010	5.17%	0.644%
46	16.352	4521	4534	4549	rBV	197592	453566	7.31%	0.910%

Sum of corrected areas: 49848228

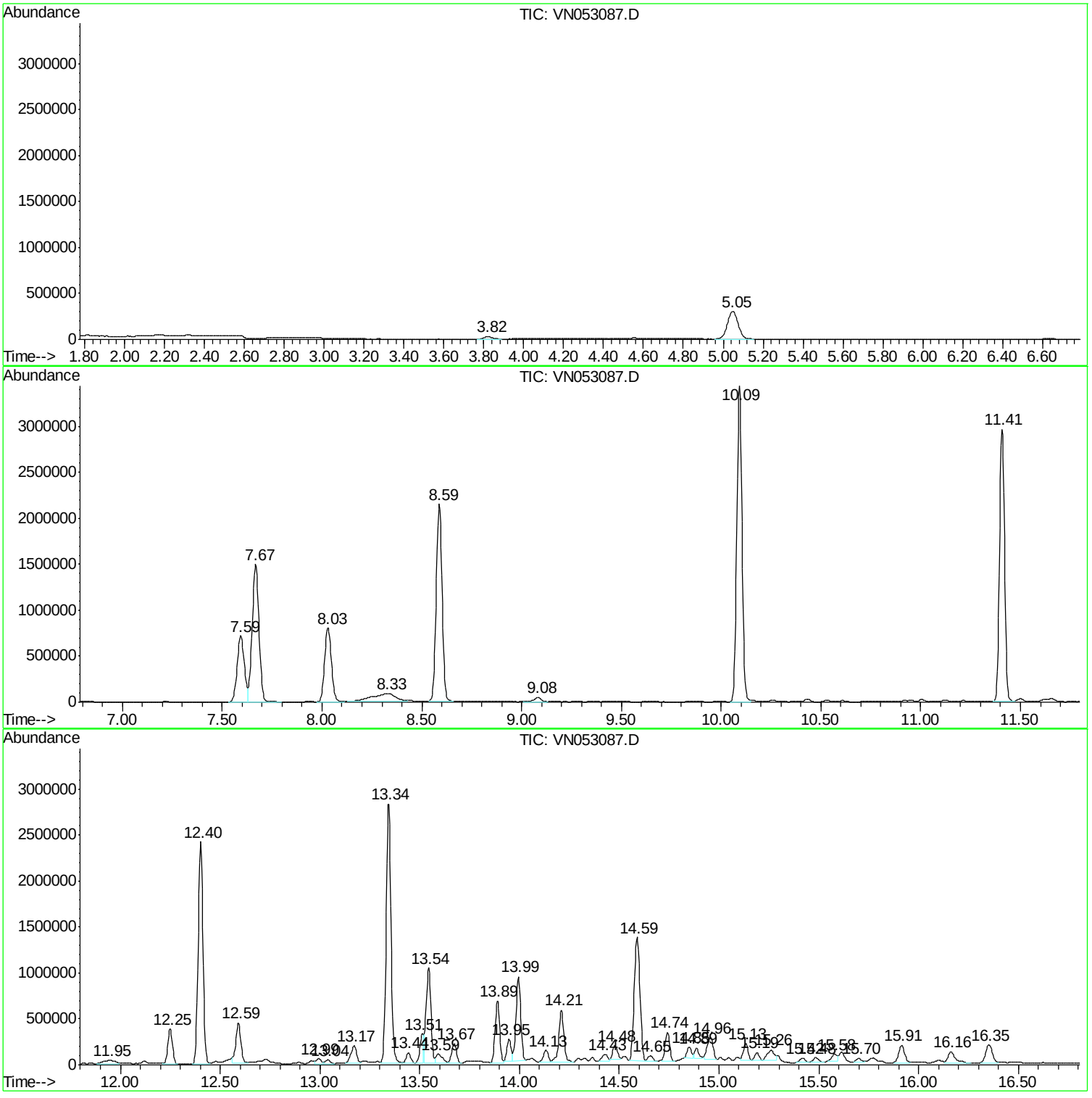
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053087.D
Acq On : 21 Dec 2018 5:43
Operator : MD\SY
Sample : J6519-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-13-8.0-122018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053087.D
Acq On : 21 Dec 2018 5:43
Operator : MD\SY
Sample : J6519-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 48 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-13-8.0-122018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

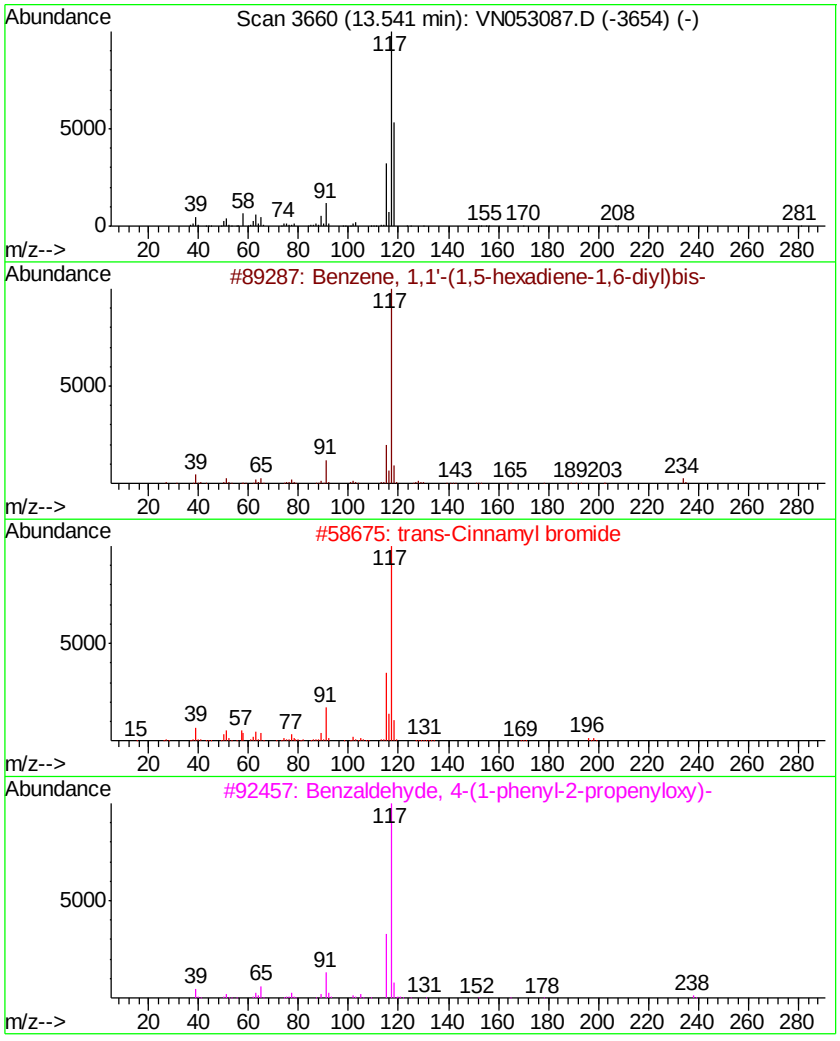
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

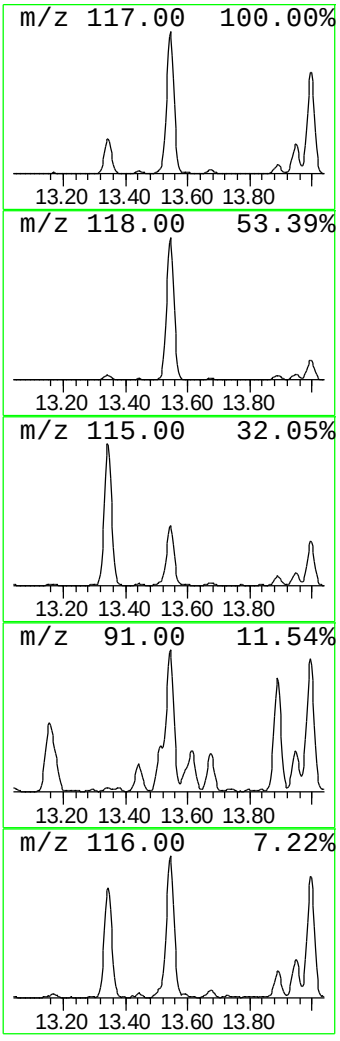
****

Peak Number 2 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	18.17 ug/l	1723960	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42
3	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	40
5	m-Aminophenylacetylene	117	C8H7N	054060-30-9	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053087.D
Acq On : 21 Dec 2018 5:43
Operator : MD\SY
Sample : J6519-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-13-8.0-122018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

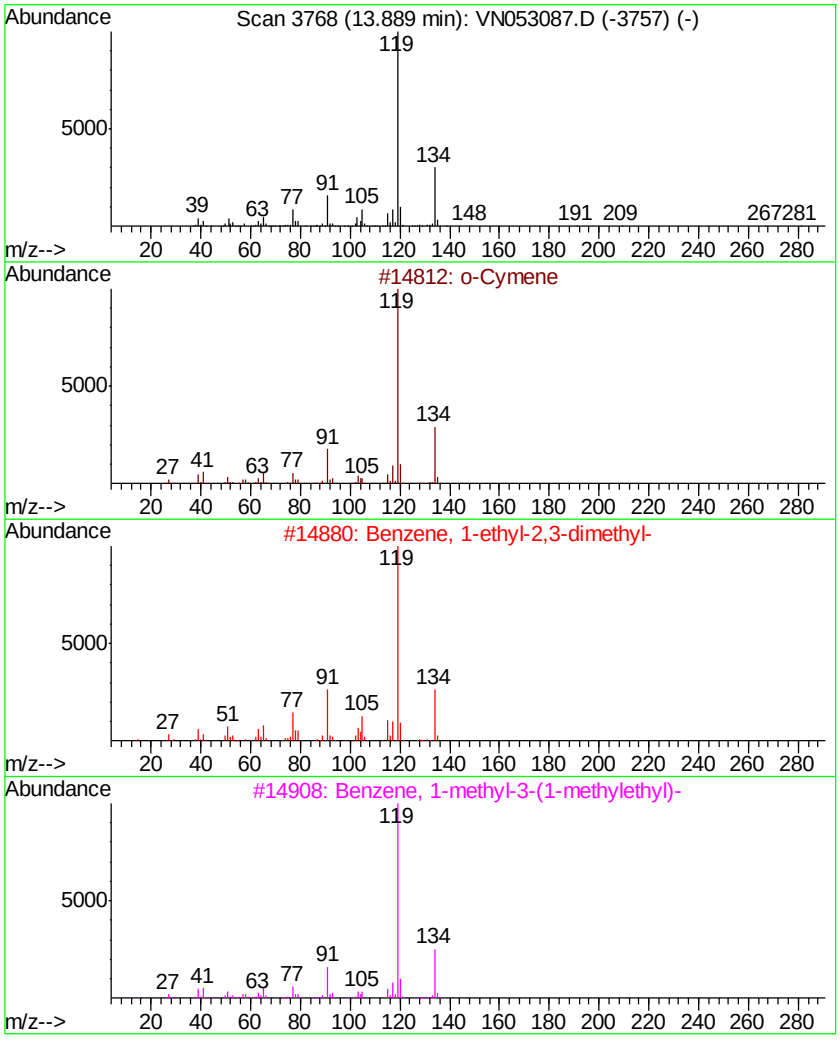
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

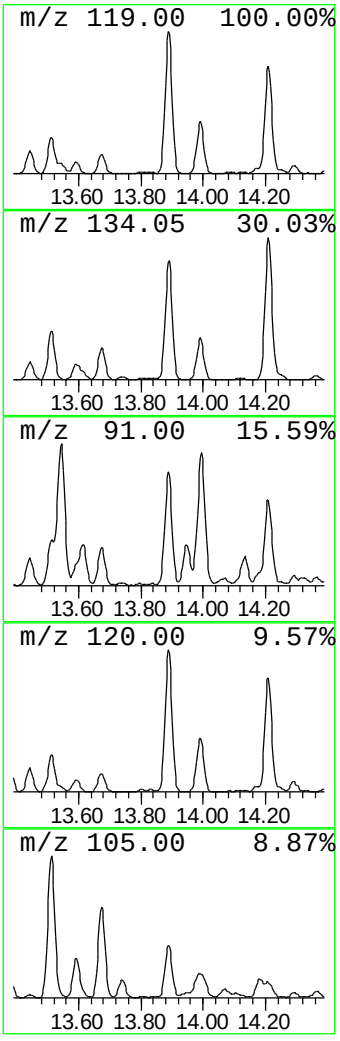
****

Peak Number 3 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	11.27 ug/l	1069220	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053087.D
Acq On : 21 Dec 2018 5:43
Operator : MD\SY
Sample : J6519-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-13-8.0-122018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

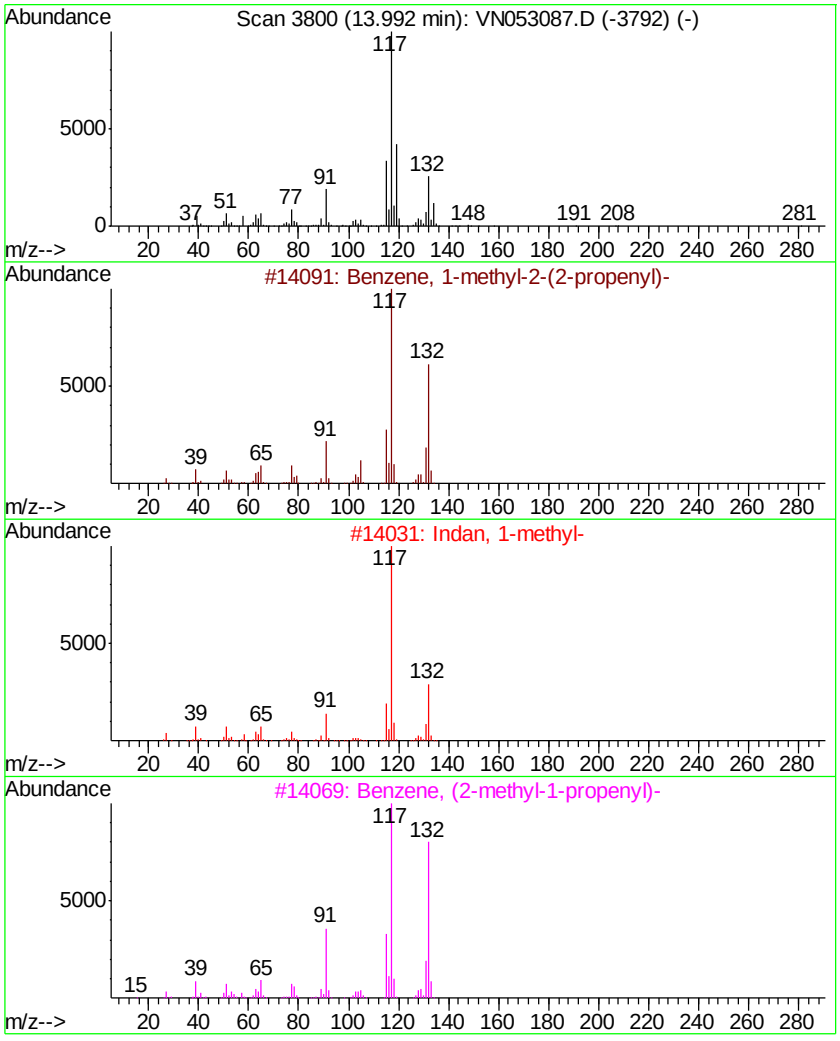
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

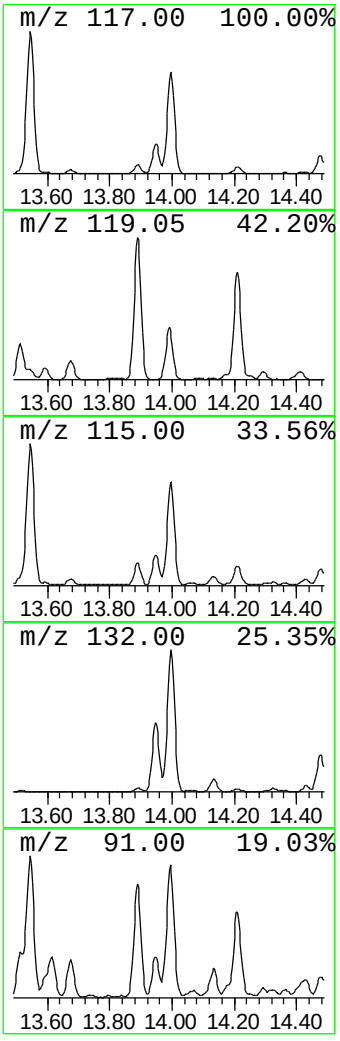
****

Peak Number 4 Benzene, 1-methyl-2-(2-prop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	15.94 ug/l	1512280	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	68
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053087.D
Acq On : 21 Dec 2018 5:43
Operator : MD\SY
Sample : J6519-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-13-8.0-122018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

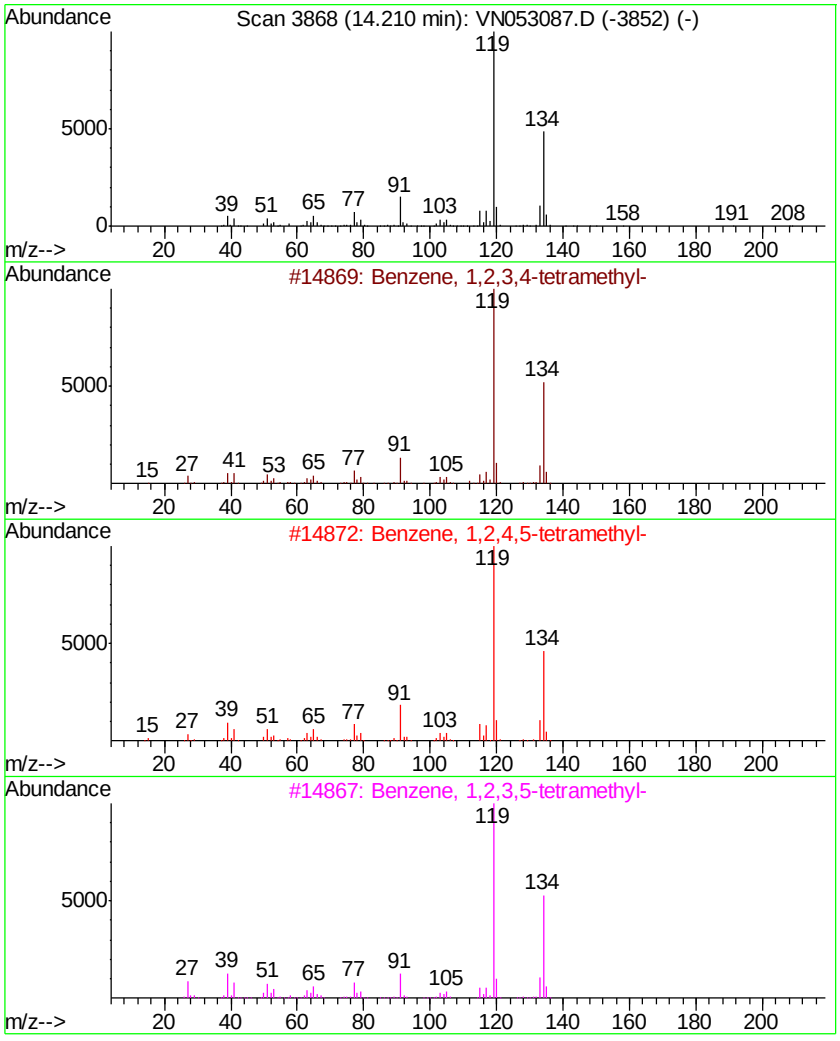
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

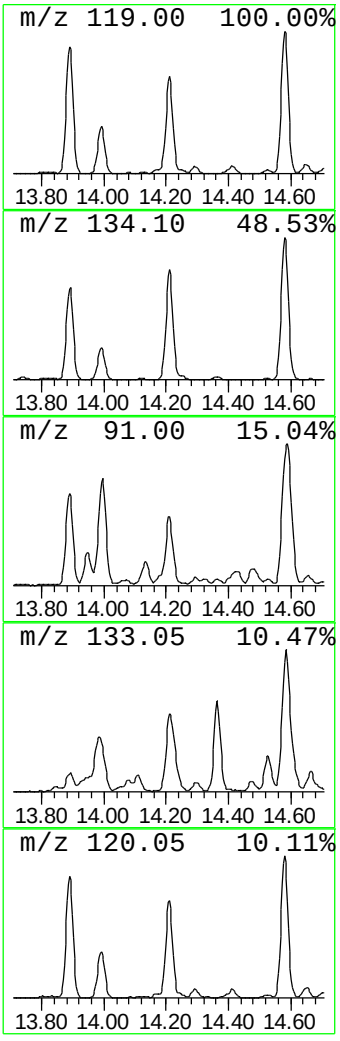
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	10.68 ug/l	1013130	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Instrument : MSVOA_N
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

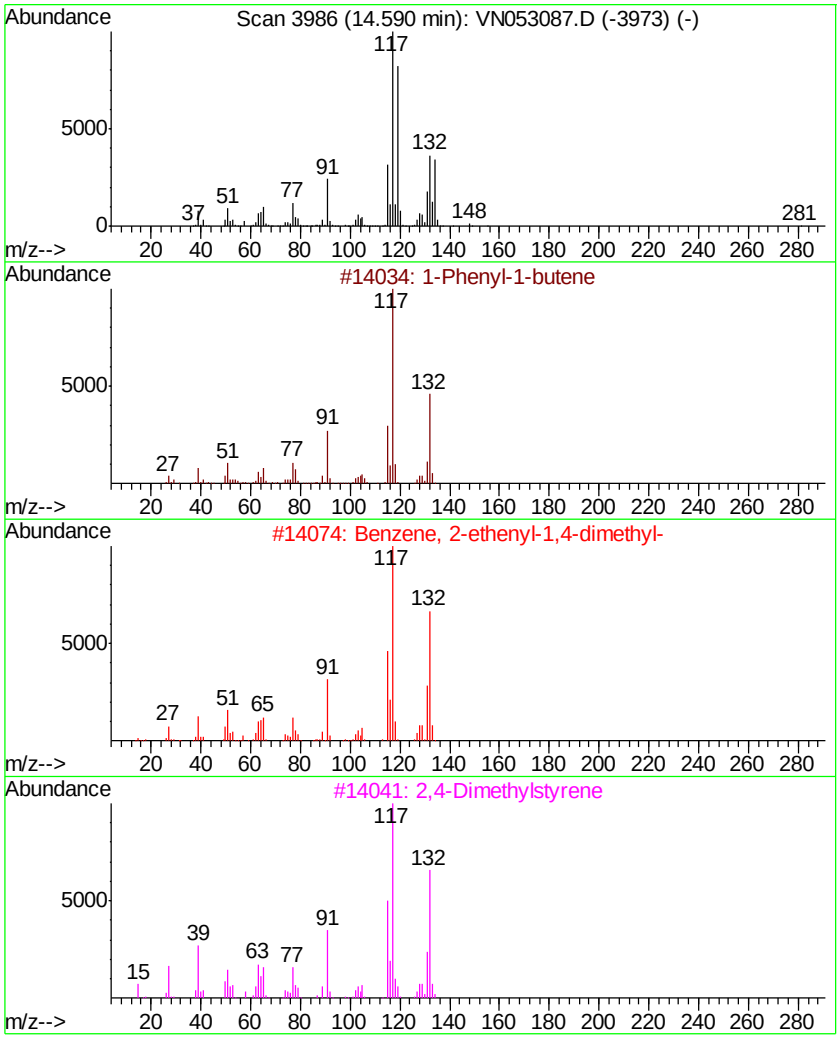
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

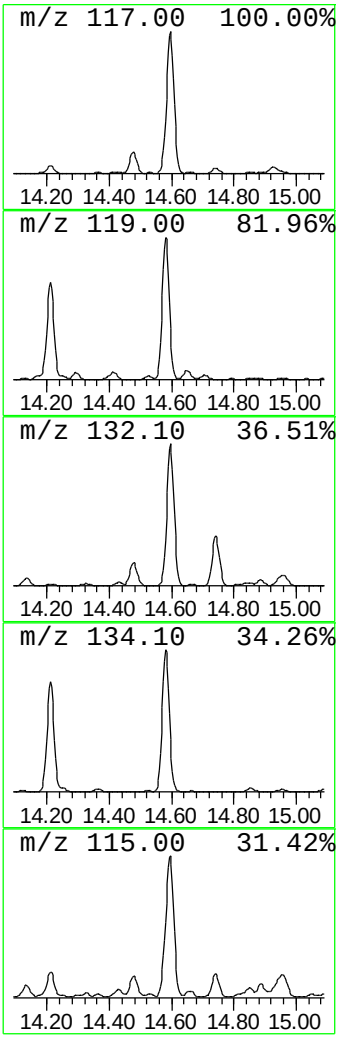
****

Peak Number 6 1-Phenyl-1-butene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	28.94 ug/l	2746110	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70





Library Search Compound Report

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Data File : VN053087.D
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Sample : J6519-01
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ALS Vial : 48 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-13-8.0-122018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

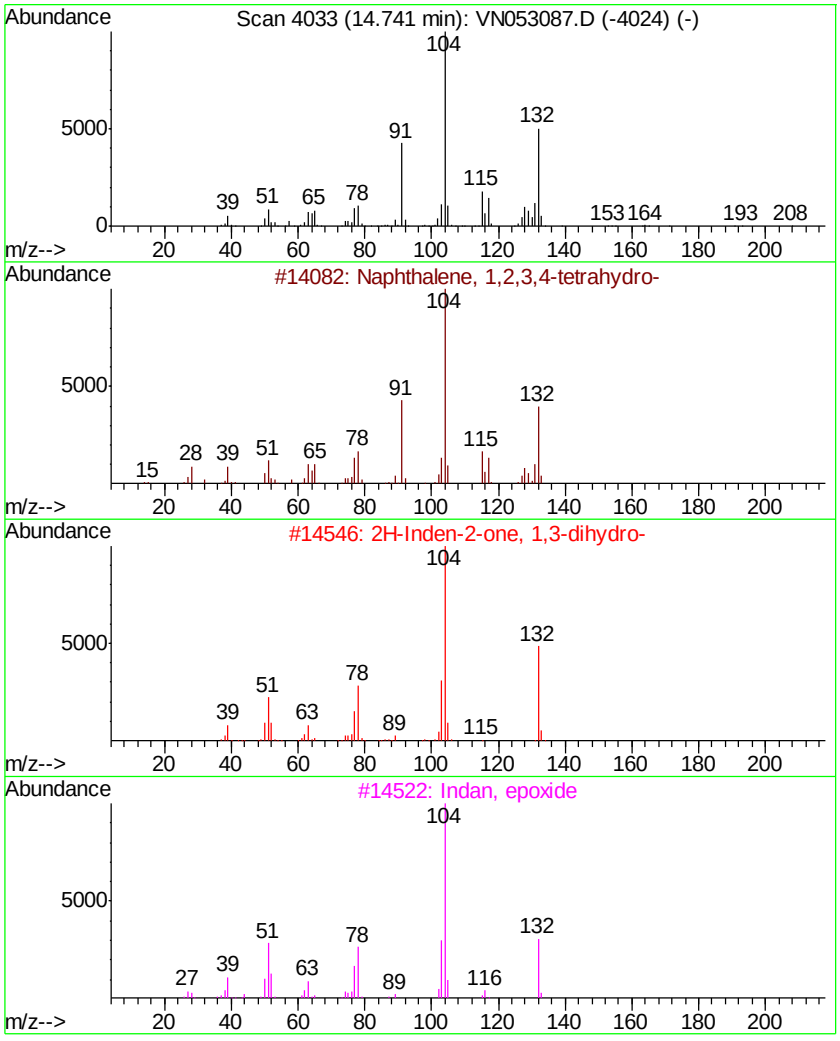
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

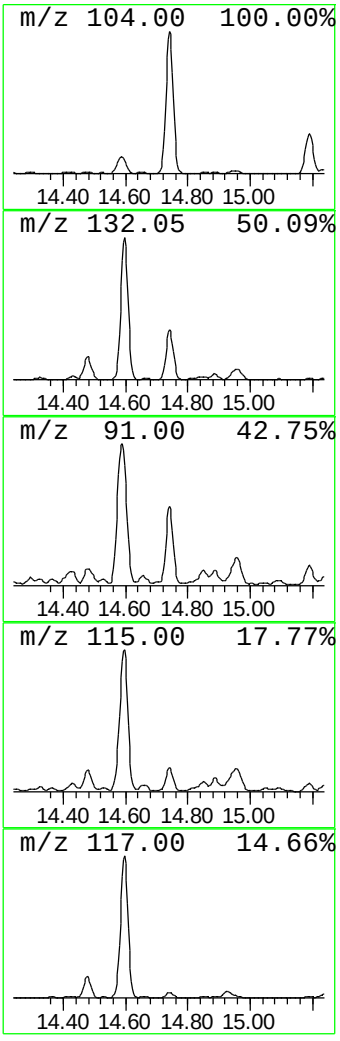
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	5.13 ug/l	486819	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
3	Indan, epoxide	132	C9H8O	000768-22-9	52
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	43
5	Phensuximide	189	C11H11NO2	000086-34-0	38





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Instrument : MSVOA_N
ClientSampleId : T11-MW-13-8.0-122018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

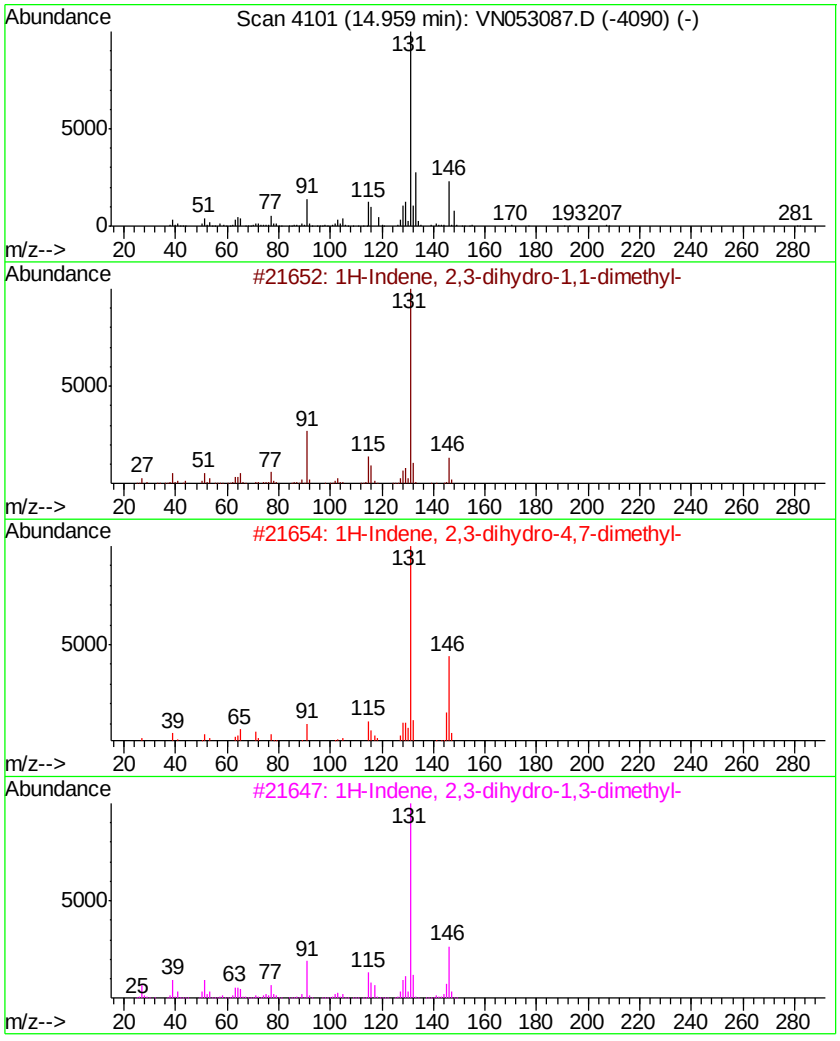
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

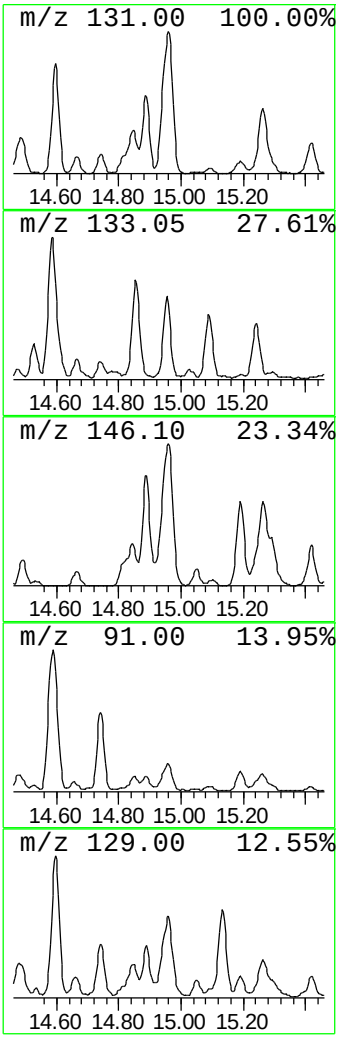
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	5.30 ug/l	502897	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053087.D
Acq On : 21 Dec 2018 5:43
Operator : MD\SY
Sample : J6519-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 28

Instrument : MSVOA_N
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.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
Benzene, 1,1'-(1,...	13.54	18.2	ug/l	1723960	4	13.34	4743950	50.0
o-Cymene	13.89	11.3	ug/l	1069220	4	13.34	4743950	50.0
Benzene, 1-methyl...	13.99	15.9	ug/l	1512280	4	13.34	4743950	50.0
Benzene, 1,2,3,4-...	14.21	10.7	ug/l	1013130	4	13.34	4743950	50.0
1-Phenyl-1-butene	14.59	28.9	ug/l	2746110	4	13.34	4743950	50.0
Naphthalene, 1,2,...	14.74	5.1	ug/l	486819	4	13.34	4743950	50.0
1H-Indene, 2,3-di...	14.96	5.3	ug/l	502897	4	13.34	4743950	50.0