LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

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	5.047	989	1018	1049	rBV4	235588	885511	2.99%	0.652%
2	6.632	1489	1511	1528	rBV2	145794	451467	1.53%	0.332%
3	7.593	1789	1810	1820	rBV	696004	1766290	5.97%	1.300%
4	7.667	1820	1833	1850	rVB	1583832	3840025	12.98%	2.827%
5	8.030	1928	1946	1970	rBV	763630	1798848	6.08%	1.324%
6	8.587	2101	2119	2141	rBV	2239235	4902852	16.57%	3.609%
7	9.082	2245	2273	2289	rBV	258300	693993	2.34%	0.511%
8	9.616	2424	2439	2449	rBV	317593	601677	2.03%	0.443%
9	9.969	2536	2549	2571	rVB2	236162	450926	1.52%	0.332%
10	10.091	2571	2587	2601	rBV	3382744	6153035	20.79%	4.530%
11	11.407	2982	2996	3010	rBV	2898401	5011902	16.93%	3.690%
12	12.249	3246	3258	3271	rBV	1723088	2777141	9.38%	2.045%
13	12.403	3291	3306	3323	rBV	2361112	3952559	13.36%	2.910%
14	12.590	3351	3364	3378	rBV	5180721	8260898	27.91%	6.082%
15	12.892	3444	3458	3470	rBV	267792	456483	1.54%	0.336%
16	13.172	3530	3545	3555	rBV3	327338	691805	2.34%	0.509%
17	13.342	3587	3598	3620	rVB	2652882	4566414	15.43%	3.362%
18	13.545	3639	3661	3672	rBV	16349793	29595297	100.00%	21.788%
19	13.593	3672	3676	3691	rVV3	589638	1378834	4.66%	1.015%
20	13.673	3691	3701	3711	rVB	505589	799249	2.70%	0.588%
21	13.889	3756	3768	3778	rBV	5167394	7853678	26.54%	5.782%
22	13.947	3778	3786	3792	rVV	1394942	2173213	7.34%	1.600%
23	13.995	3792	3801	3817	rVB2	5128891	8440029	28.52%	6.214%
24	14.133	3832	3844	3852	rBV	188736	316699	1.07%	0.233%
25	14.210	3852	3868	3886	rBV	3416256	5384073	18.19%	3.964%
26	14.477	3941	3951	3962	rVB	3674825	5773531	19.51%	4.250%
27	14.596	3973	3988	3999	rBV3	8619320	16708521	56.46%	12.301%
28	14.657	3999	4007	4017	rVB4	339170	588285	1.99%	0.433%
29	14.741	4023	4033	4043	rBV2	468002	722419	2.44%	0.532%
30	14.850	4049	4067	4074	rBV4	721693	1630694	5.51%	1.201%
31	14.886	4074	4078	4087	rVV	419473	614579	2.08%	0.452%
32	14.959	4088	4101	4111	rVB2	867169	1804357	6.10%	1.328%
33	15.191	4163	4173	4180	rBV	199005	338071	1.14%	0.249%
34	15.246	4180	4190	4200	rBV6	275679	722098	2.44%	0.532%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

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	15.419	4231	4244	4255	rBV	374668	680597	2.30%	0.501%
36	15.580	4278	4294	4298	rBV2	379135	708230	2.39%	0.521%
37	15.702	4322	4332	4341	rBV	164440	323900	1.09%	0.238%
38	15.773	4344	4354	4362	rVV2	222239	479421	1.62%	0.353%
39	15.821	4363	4369	4382	rVB3	161549	302239	1.02%	0.223%
40	15.914	4384	4398	4421	rBV3	428365	908806	3.07%	0.669%
41	16.355	4522	4535	4547	rBV4	131446	324703	1.10%	0.239%

Sum of corrected areas: 135833349

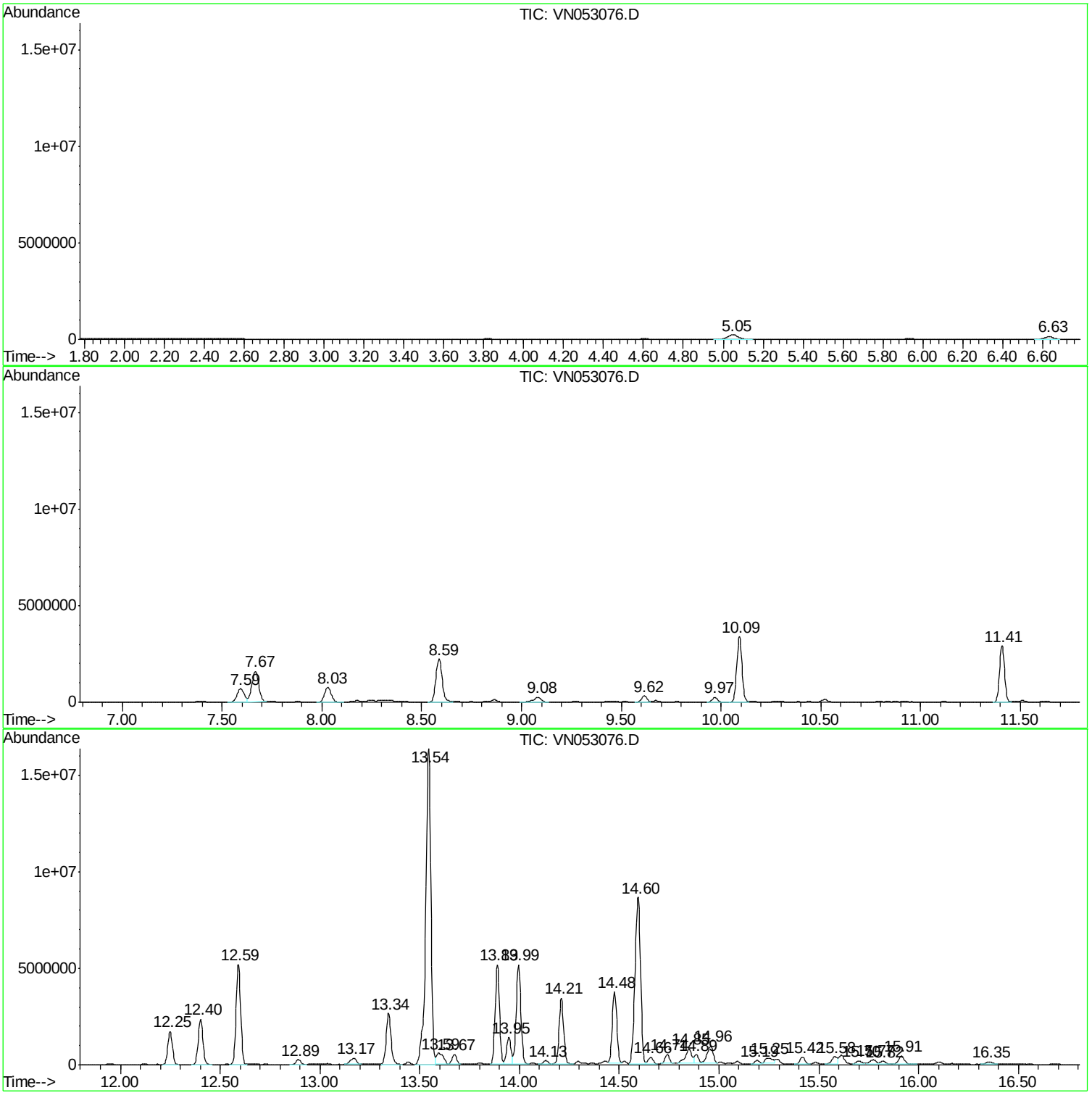
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-5-9.0-122018

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 : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

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

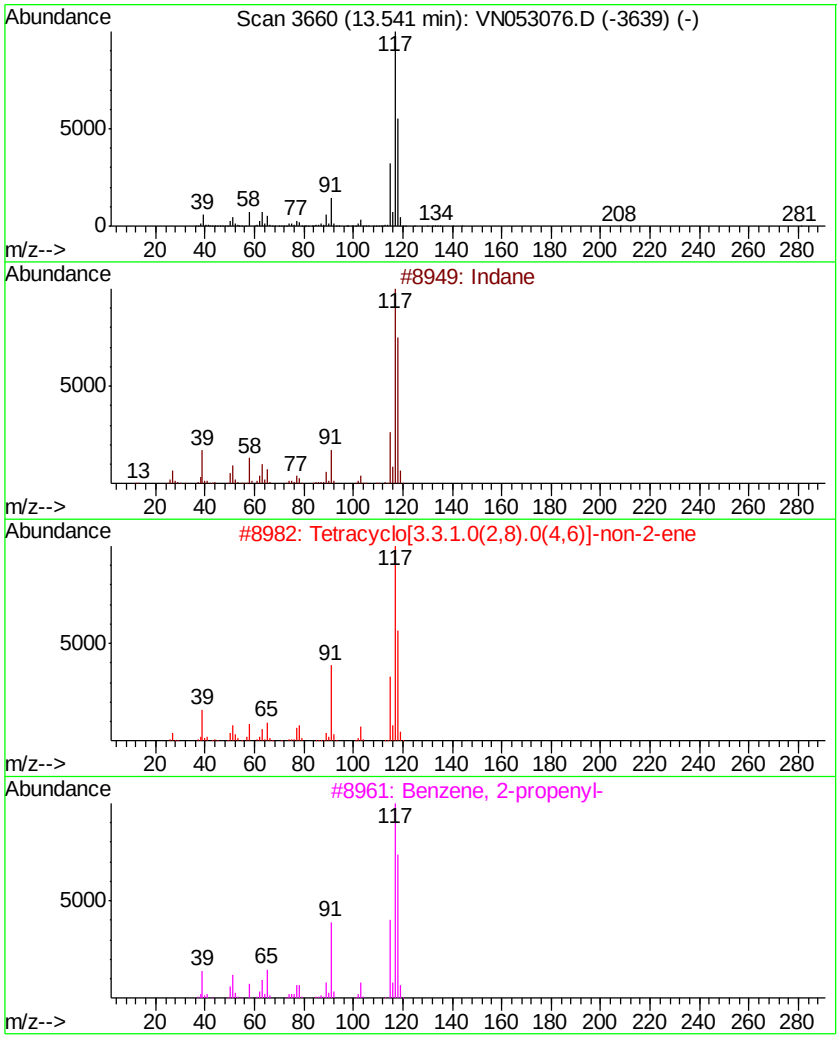
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

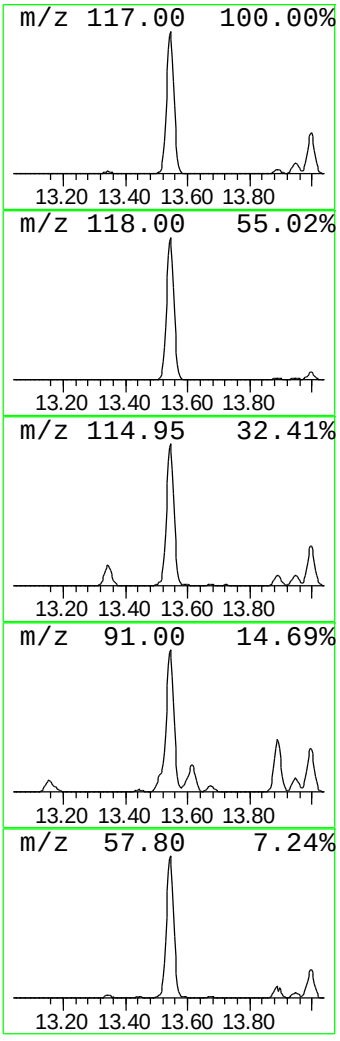
****

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	324.05 ug/l	29595300	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

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

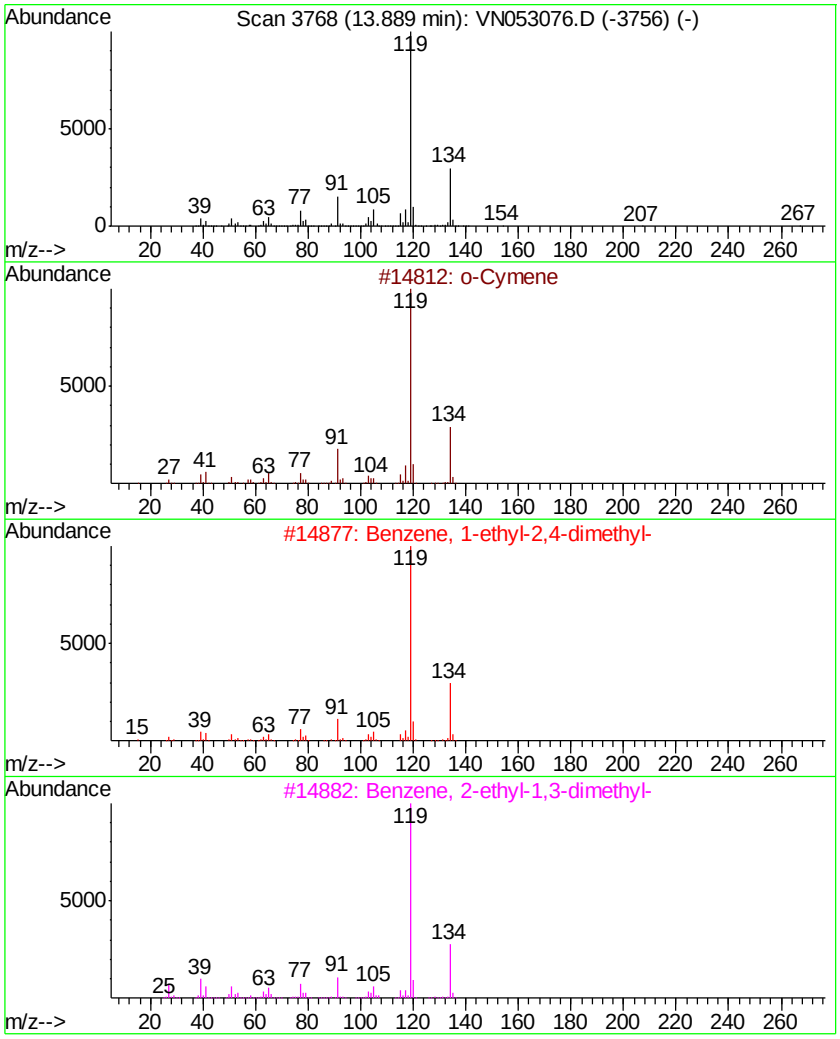
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

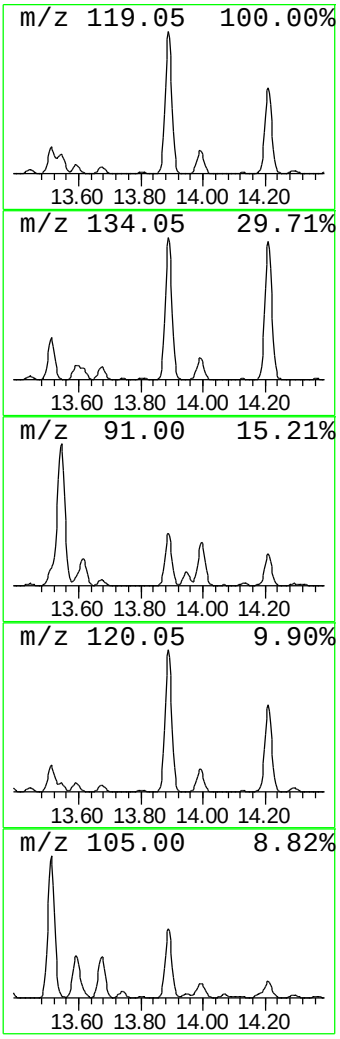
****

Peak Number 2 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	85.99 ug/l	7853680	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

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

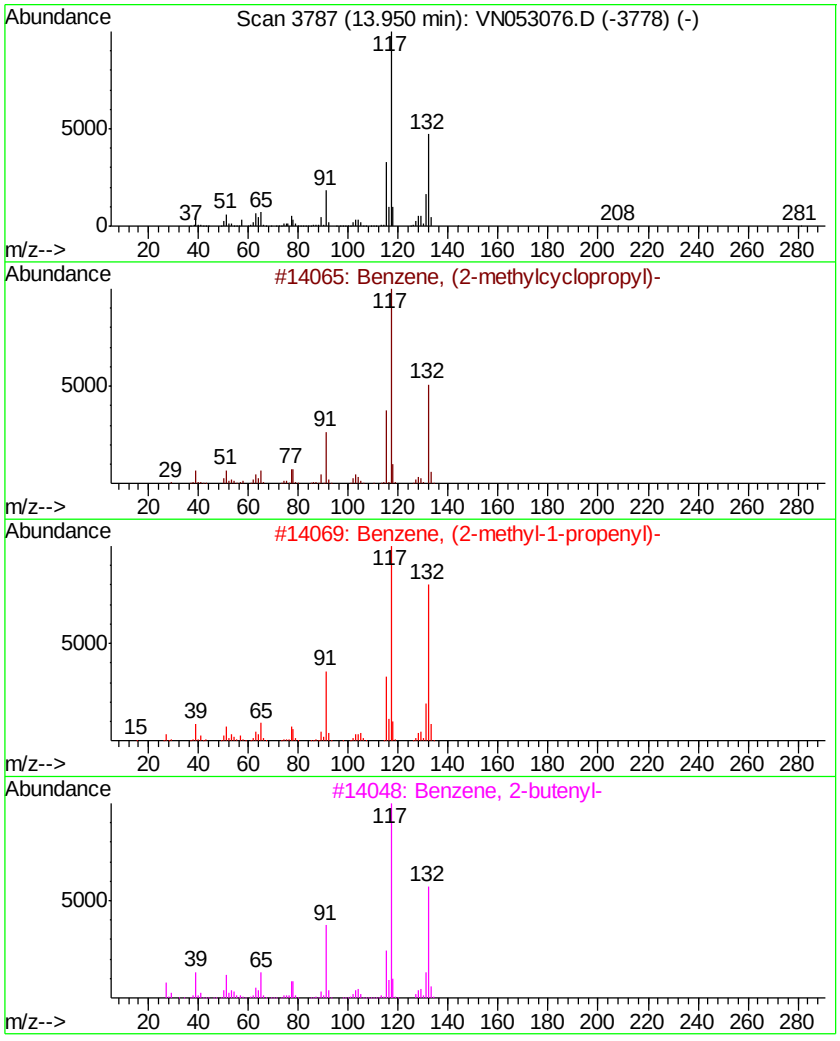
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

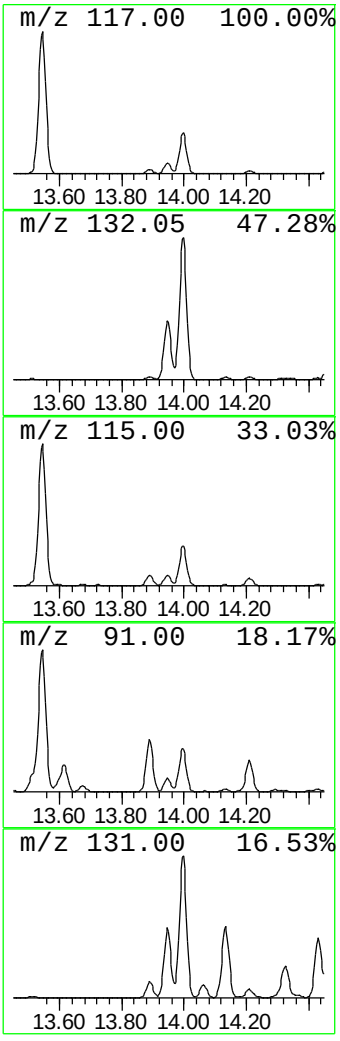
****

Peak Number 3 Benzene, (2-methylcycloprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	23.80 ug/l	2173210	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

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

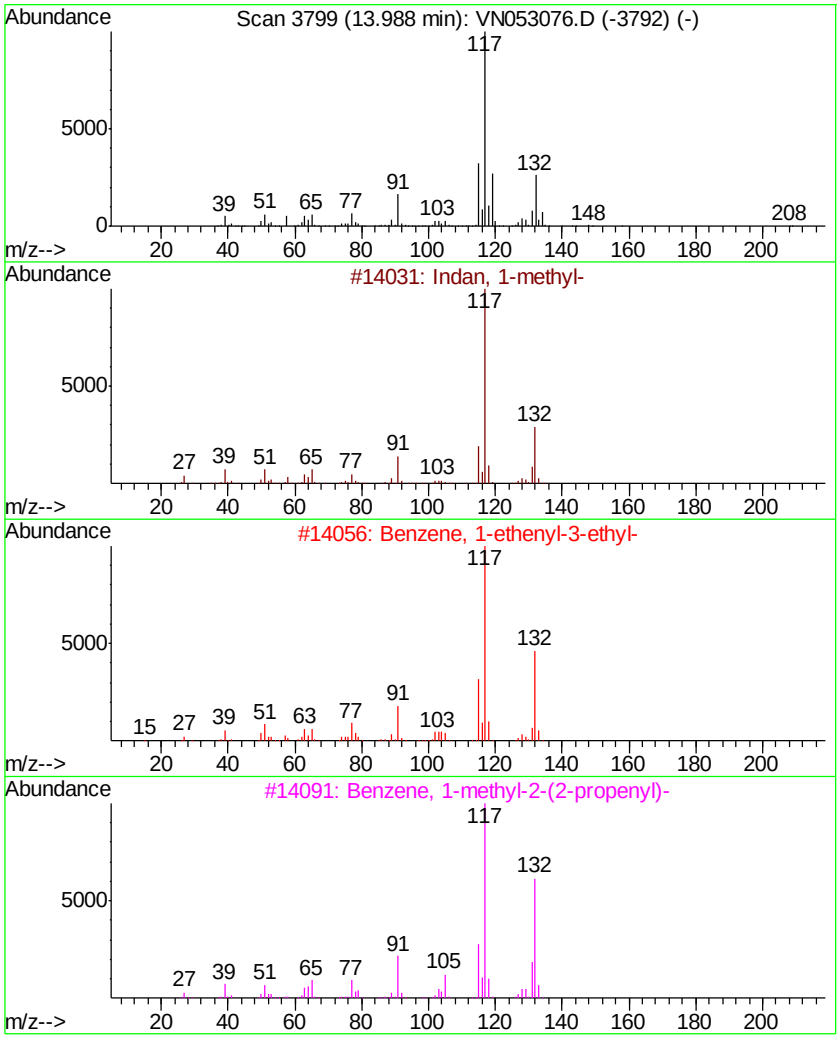
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

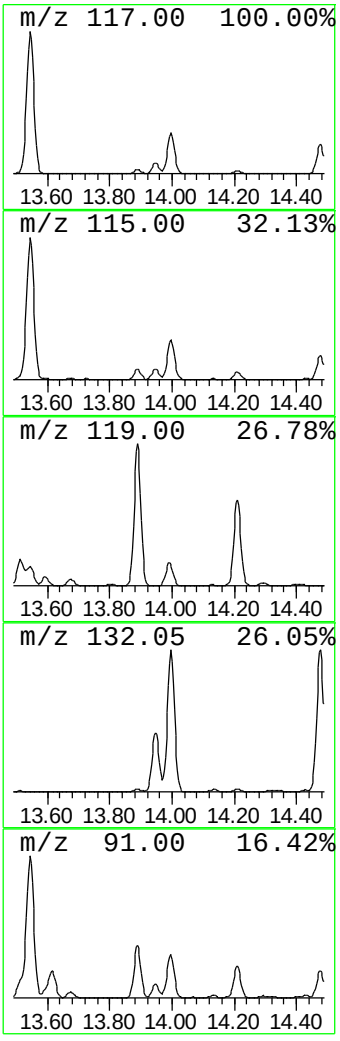
****

Peak Number 4 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	92.41 ug/l	8440030	1,4-Dichlorobenzene-d4	13.35

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	81
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	72
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

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

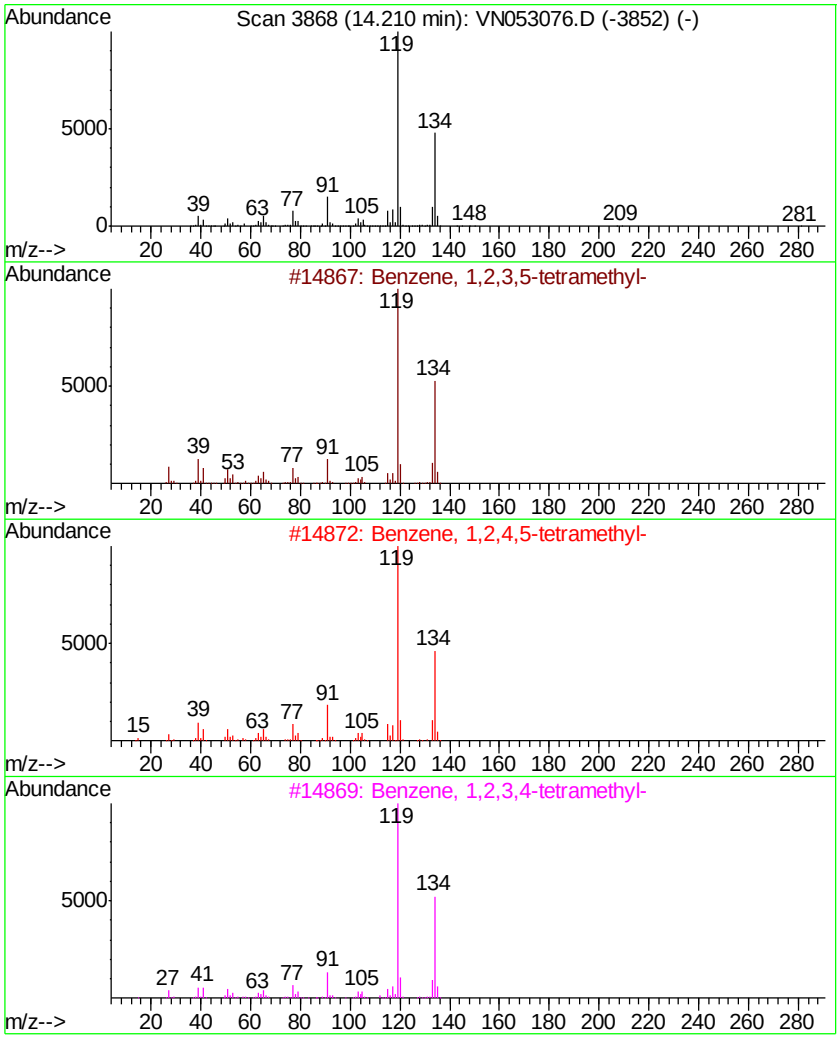
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

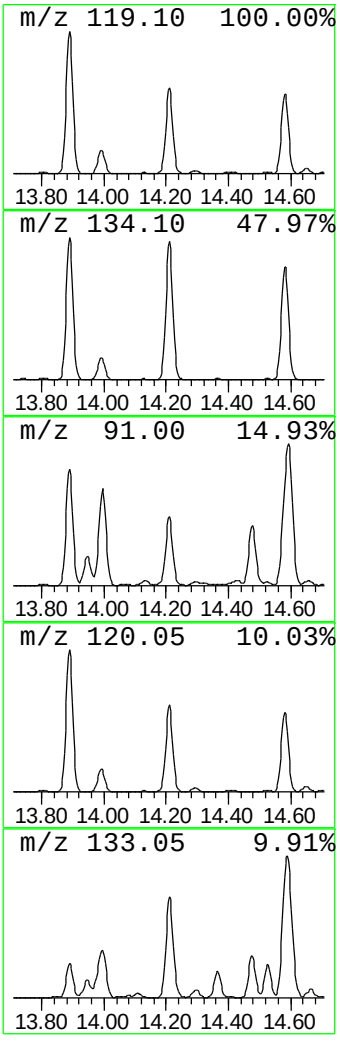
****

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	58.95 ug/l	5384070	1,4-Dichlorobenzene-d4	13.35

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

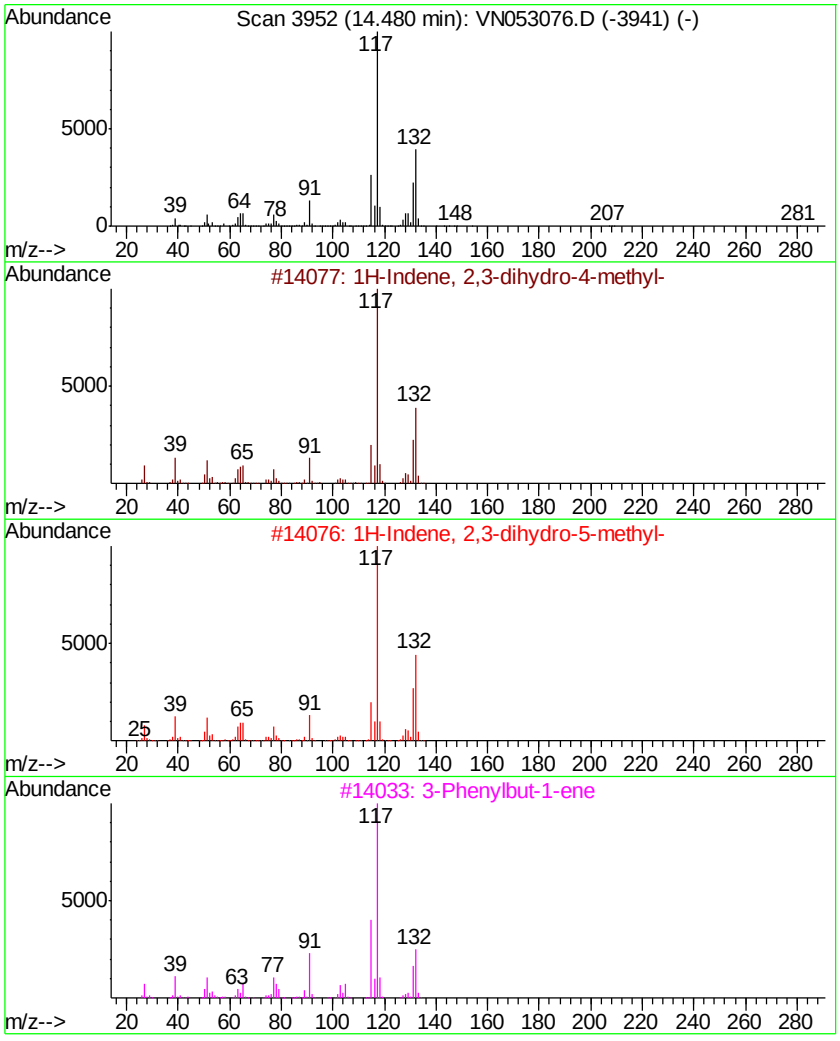
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

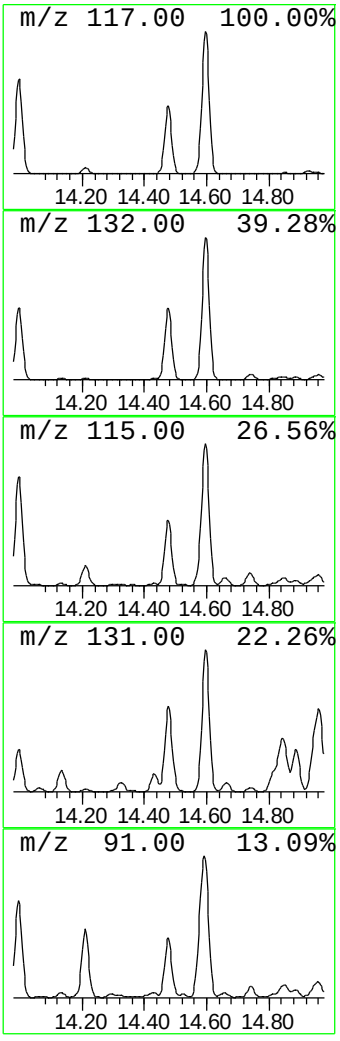
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	63.22 ug/l	5773530	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
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Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

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

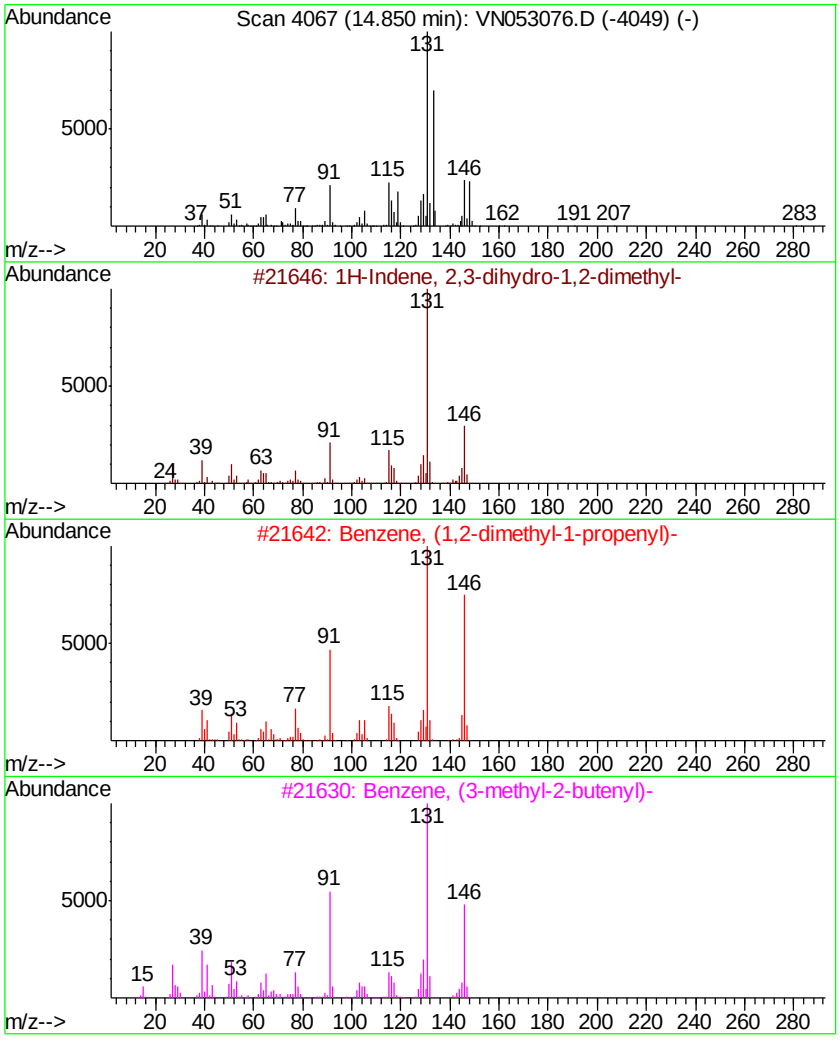
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

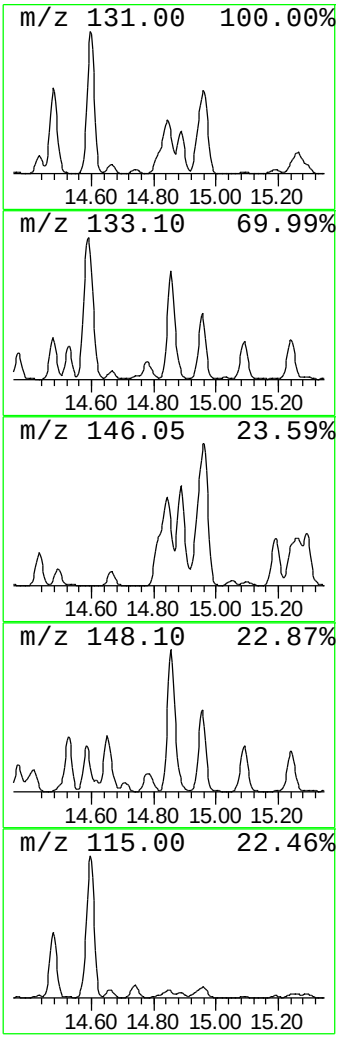
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	17.86 ug/l	1630690	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

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

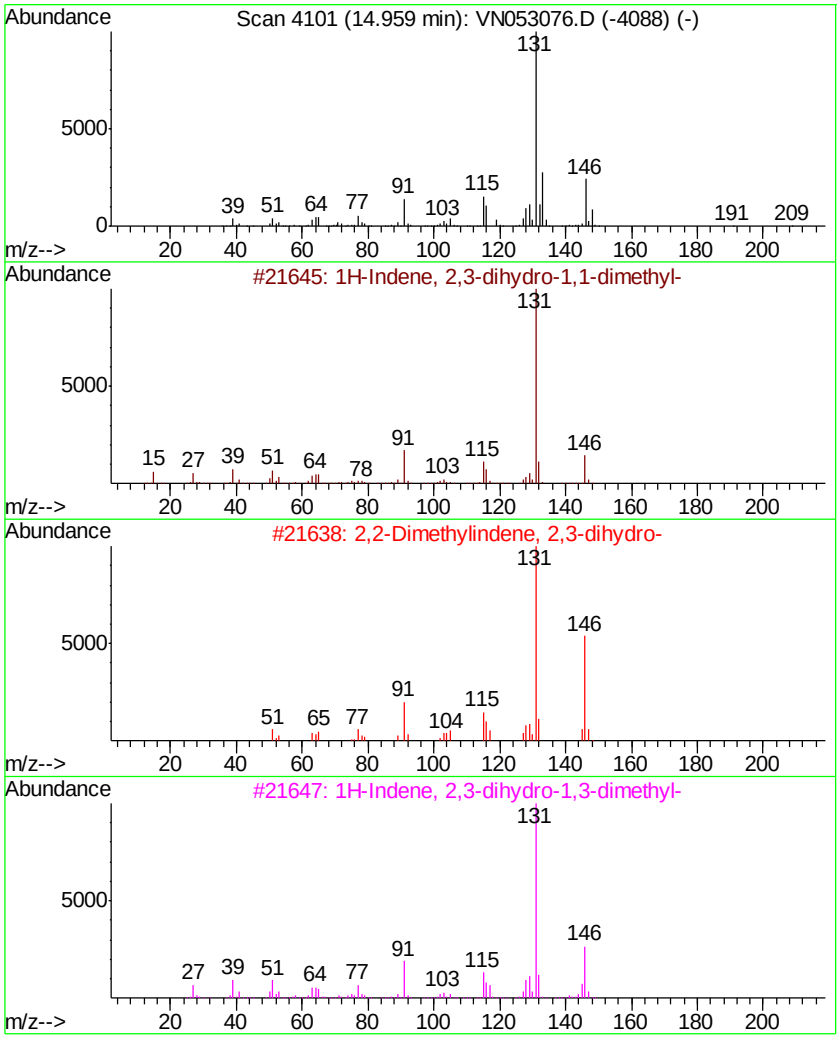
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

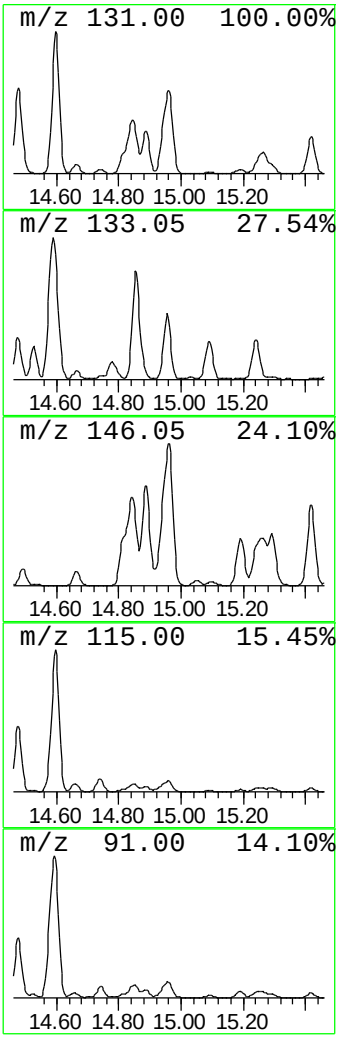
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	19.76 ug/l	1804360	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

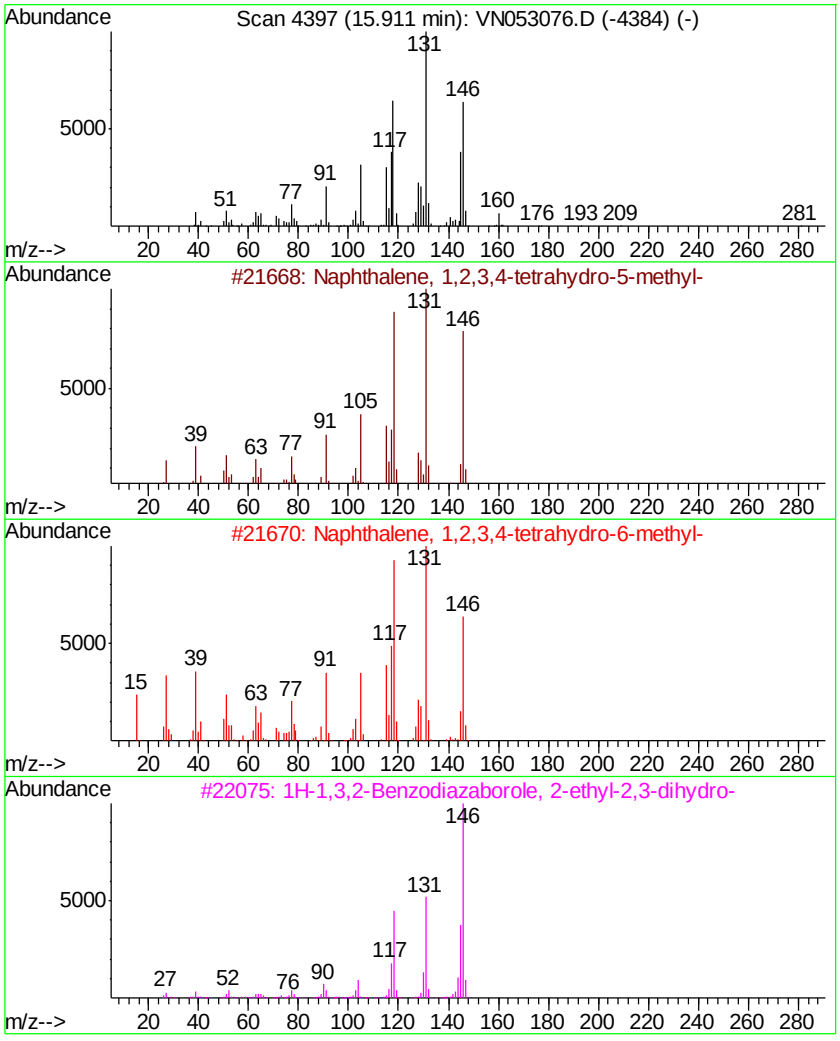
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

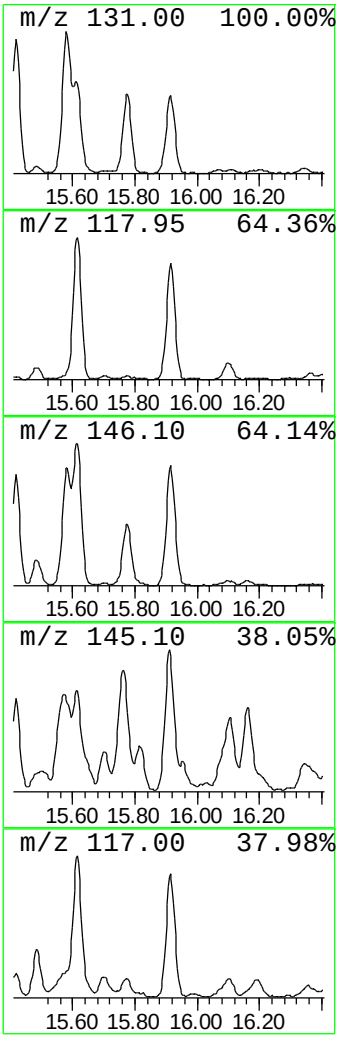
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	9.95 ug/l	908806	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	62
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053076.D
Acq On : 21 Dec 2018 00:49
Operator : MD\SY
Sample : J6519-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-5-9.0-122018

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	13.54	324.1	ug/l	29595300	4	13.35	4566410	50.0
o-Cymene	13.89	86.0	ug/l	7853680	4	13.35	4566410	50.0
Benzene, (2-methy...	13.95	23.8	ug/l	2173210	4	13.35	4566410	50.0
Indan, 1-methyl-	13.99	92.4	ug/l	8440030	4	13.35	4566410	50.0
Benzene, 1,2,3,5-...	14.21	59.0	ug/l	5384070	4	13.35	4566410	50.0
1H-Indene, 2,3-di...	14.48	63.2	ug/l	5773530	4	13.35	4566410	50.0
1H-Indene, 2,3-di...	14.85	17.9	ug/l	1630690	4	13.35	4566410	50.0
1H-Indene, 2,3-di...	14.96	19.8	ug/l	1804360	4	13.35	4566410	50.0
Naphthalene, 1,2,...	15.91	9.9	ug/l	908806	4	13.35	4566410	50.0