LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ERM-16R

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\82N062421W.M
Title : SW846 8260

Signal : TIC: VN067493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.236	77	92	99	rBV4	18508	37809	2.01%	0.303%
2	8.024	2229	2250	2261	rBV2	213547	511021	27.20%	4.092%
3	8.088	2262	2274	2302	rVB3	388491	890242	47.38%	7.128%
4	8.440	2385	2405	2430	rBV	286842	658966	35.07%	5.276%
5	8.971	2583	2603	2631	rBV	619642	1305440	69.48%	10.453%
6	9.459	2771	2785	2801	rVB6	10346	22274	1.19%	0.178%
7	10.446	3132	3153	3181	rBV	984845	1878752	100.00%	15.043%
8	11.746	3615	3638	3661	rBV	852050	1563139	83.20%	12.516%
9	12.733	3989	4006	4027	rBV2	640606	1111053	59.14%	8.896%
10	13.495	4278	4290	4302	rVB6	15500	32157	1.71%	0.257%
11	13.677	4341	4358	4387	rBV	714841	1307984	69.62%	10.473%
12	13.771	4389	4393	4406	rVB5	18454	26271	1.40%	0.210%
13	13.879	4419	4433	4450	rVB	158665	269598	14.35%	2.159%
14	14.002	4469	4479	4496	rVB6	34000	62541	3.33%	0.501%
15	14.216	4548	4559	4570	rBV3	35035	54521	2.90%	0.437%
16	14.281	4573	4583	4591	rVV4	27284	48948	2.61%	0.392%
17	14.332	4591	4602	4614	rVV2	112523	189818	10.10%	1.520%
18	14.394	4616	4625	4639	rVB2	24268	46737	2.49%	0.374%
19	14.469	4640	4653	4662	rBV2	43926	76283	4.06%	0.611%
20	14.541	4662	4680	4694	rVB	141036	250693	13.34%	2.007%
21	14.659	4716	4724	4732	rBV3	20504	31366	1.67%	0.251%
22	14.764	4749	4763	4774	rBV3	47897	87375	4.65%	0.700%
23	14.823	4774	4785	4796	rBV6	36353	67152	3.57%	0.538%
24	14.933	4810	4826	4838	rBV5	37221	86183	4.59%	0.690%
25	15.000	4839	4851	4861	rVB6	22745	44128	2.35%	0.353%
26	15.195	4914	4924	4933	rBV3	83069	138256	7.36%	1.107%
27	15.241	4934	4941	4950	rVV5	26634	41256	2.20%	0.330%
28	15.316	4955	4969	4982	rVB2	139165	326183	17.36%	2.612%
29	15.566	5049	5062	5071	rBV4	56153	110922	5.90%	0.888%
30	15.619	5071	5082	5086	rBV8	42719	70475	3.75%	0.564%
31	15.807	5136	5152	5167	rBV3	77188	164762	8.77%	1.319%
32	15.882	5176	5180	5193	rVB3	14639	23209	1.24%	0.186%
33	15.984	5202	5218	5239	rVB2	102928	270457	14.40%	2.166%
34	16.113	5254	5266	5279	rBV4	66770	133323	7.10%	1.068%
35	16.193	5280	5296	5308	rVV5	63817	154117	8.20%	1.234%
36	16.343	5336	5352	5381	rBV6	73882	209547	11.15%	1.678%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ERM-16R

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\82N062421W.M
Title : SW846 8260

37	16.552	5406	5430	5444	rBV7	72294	186252	9.91%	1.491%

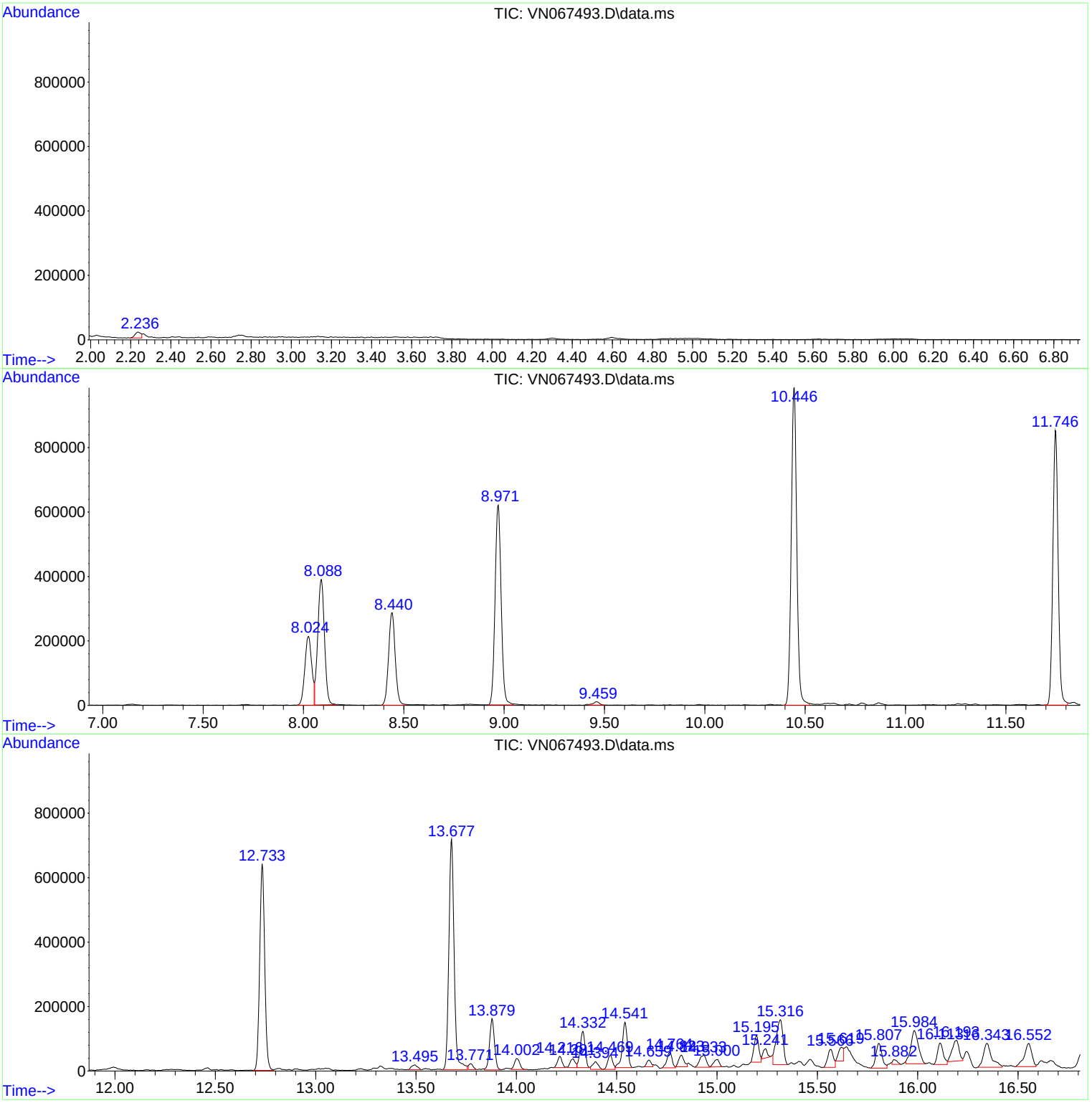
Sum of corrected areas: 12489210

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ERM-16R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ERM-16R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260

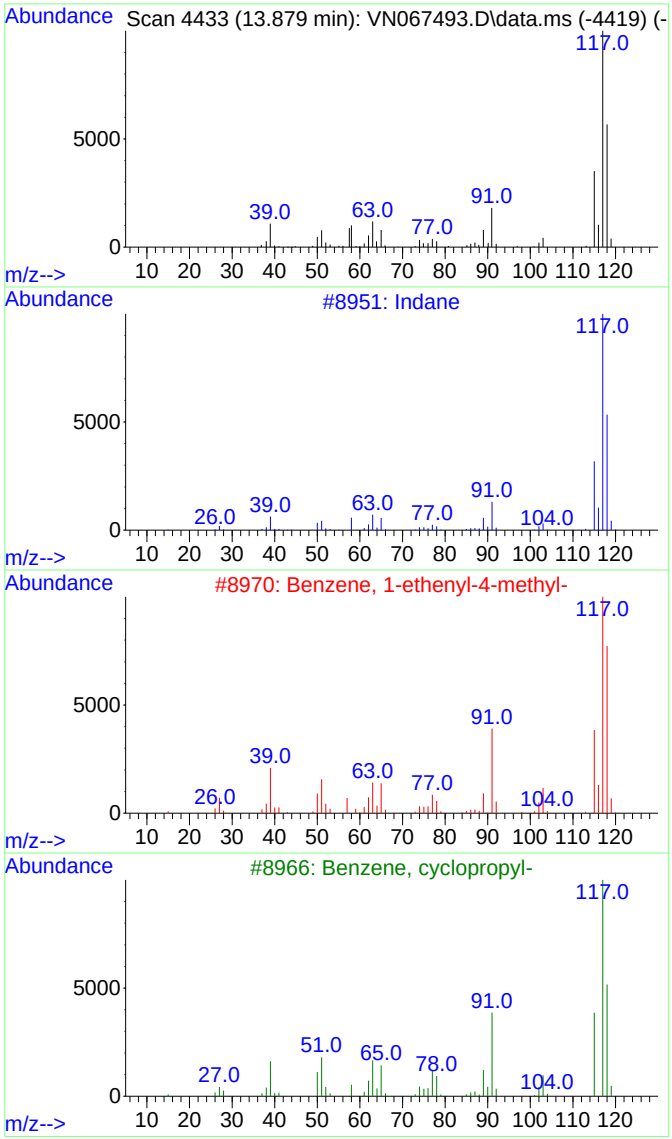
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

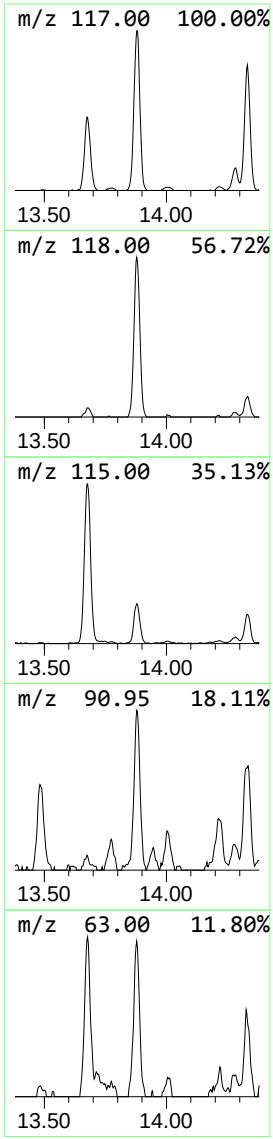
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	10.31 ug/l	269598	1,4-Dichlorobenzene-d4	13.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	59
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ERM-16R

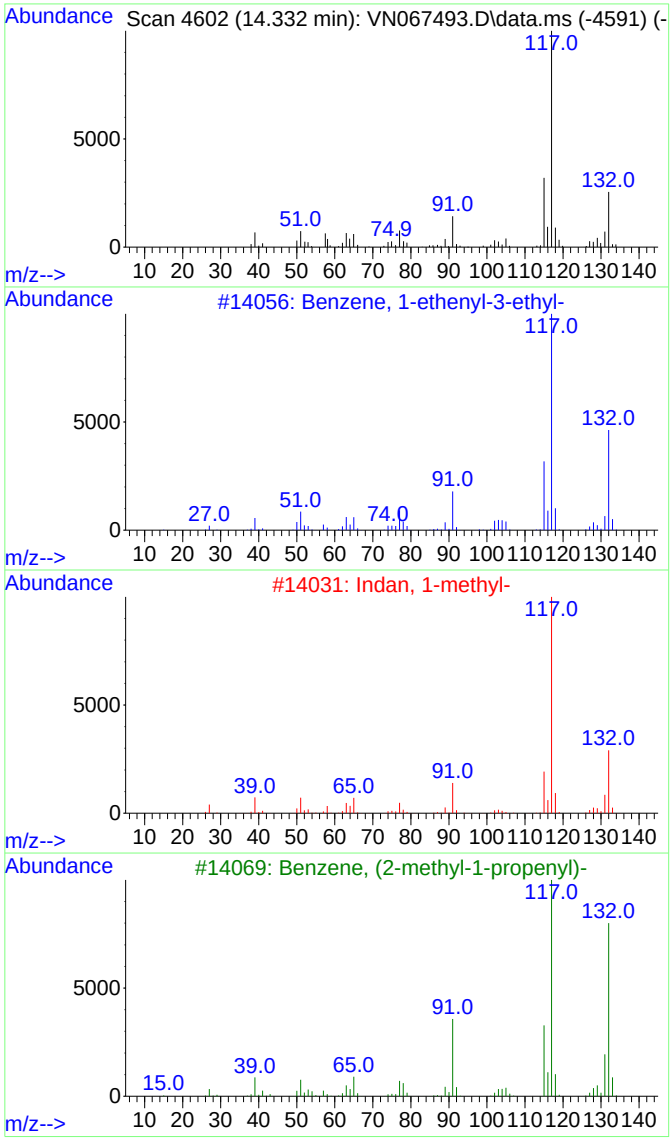
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260

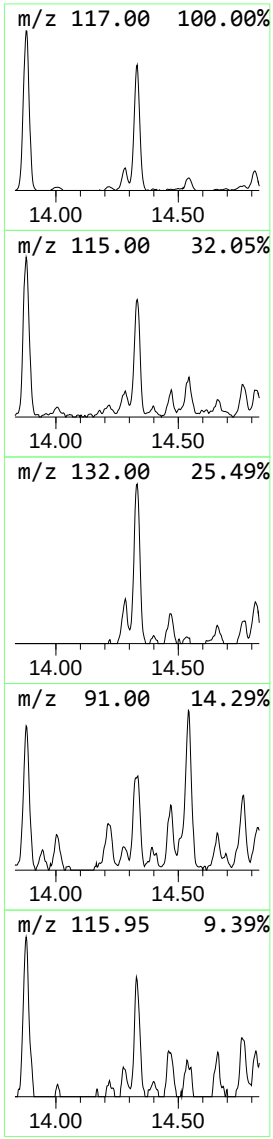
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.332	7.26 ug/l	189818	1,4-Dichlorobenzene-d4	13.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ERM-16R

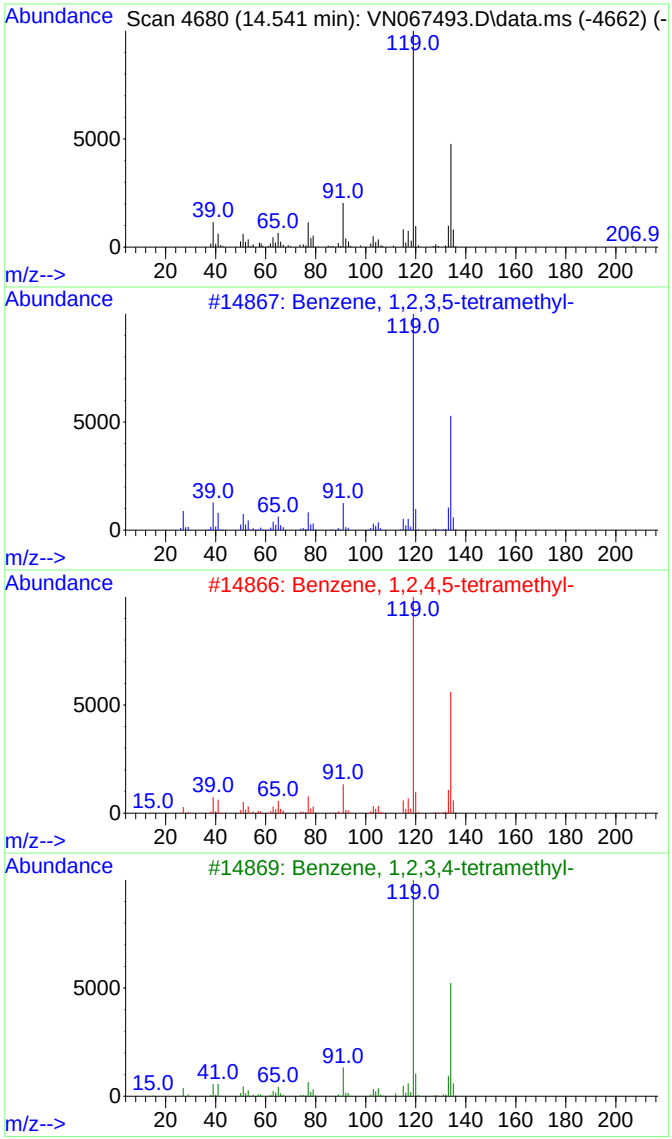
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260

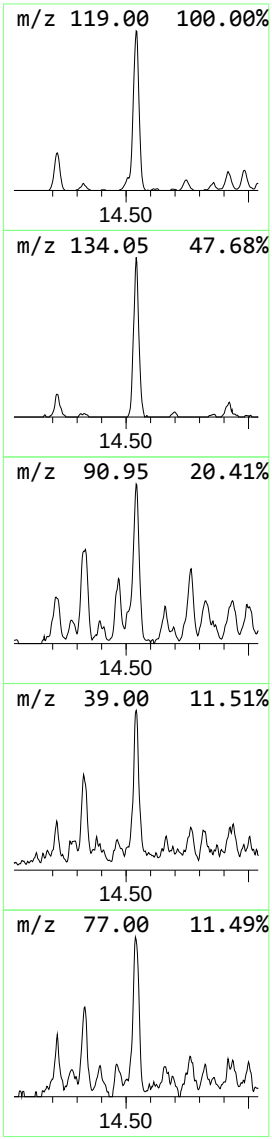
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.541	9.58 ug/l	250693	1,4-Dichlorobenzene-d4	13.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ERM-16R

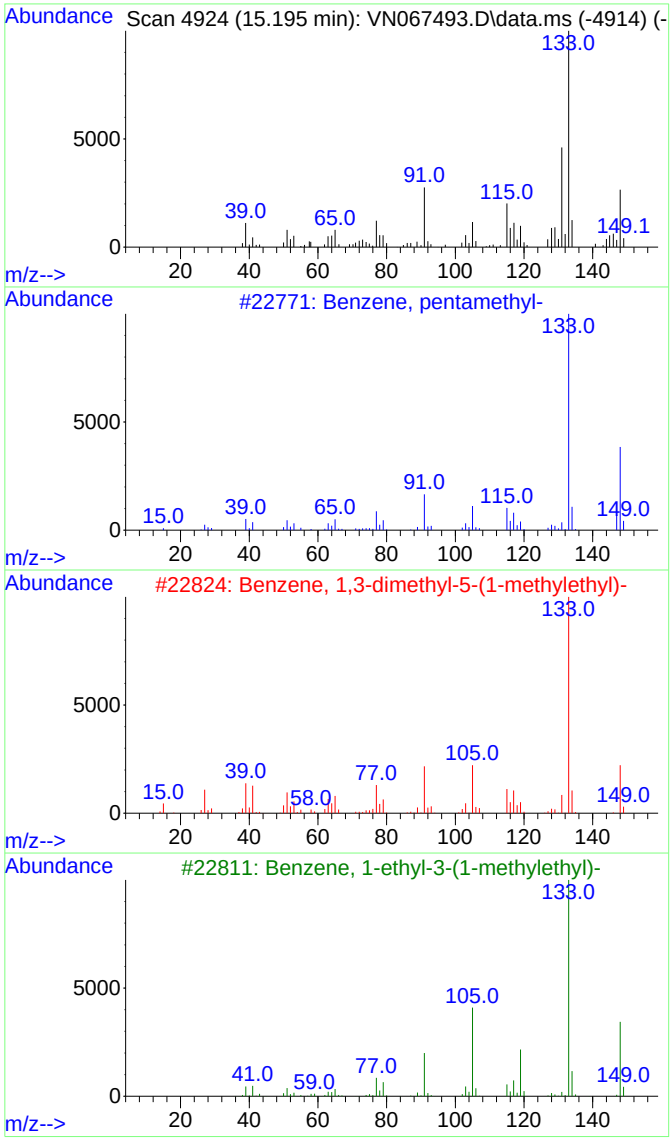
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260

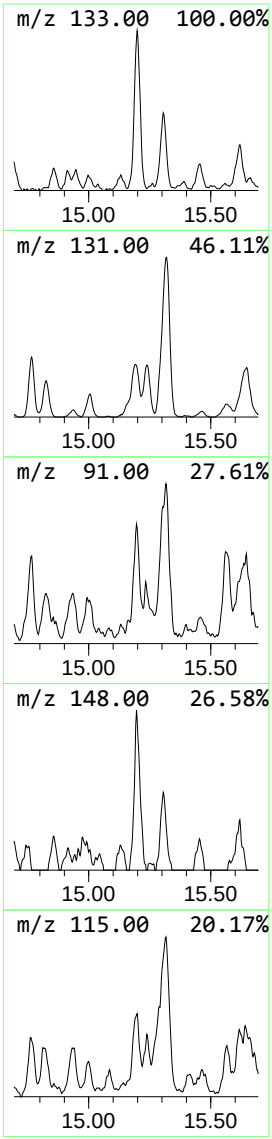
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, pentamethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.195	5.29 ug/l	138256	1,4-Dichlorobenzene-d4	13.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	53
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ERM-16R

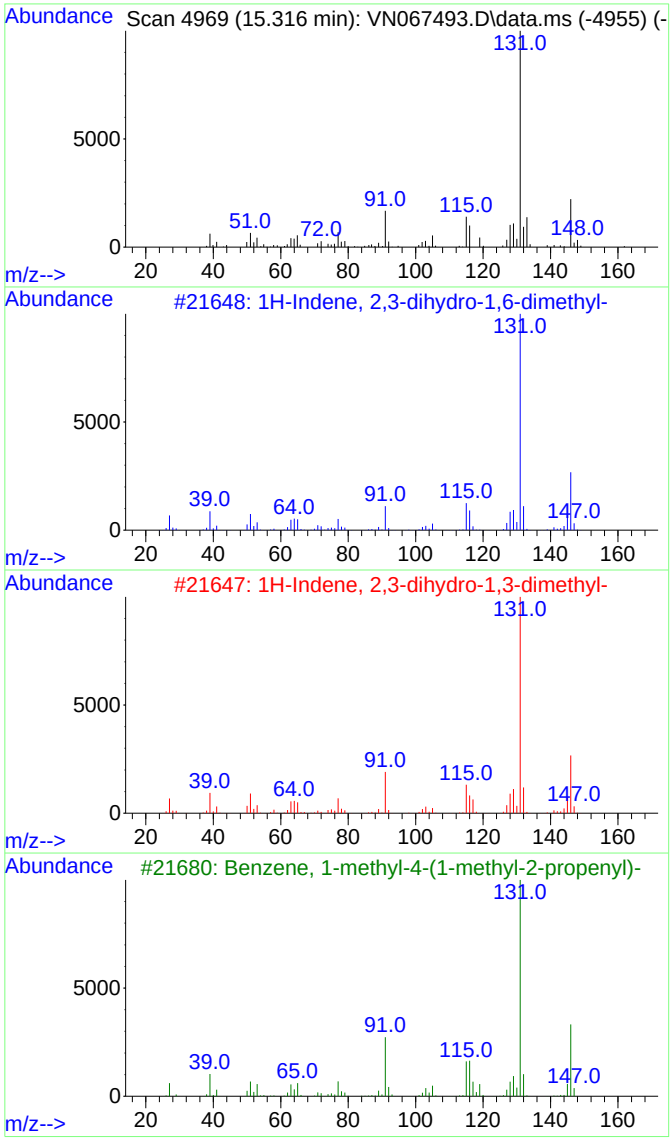
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260

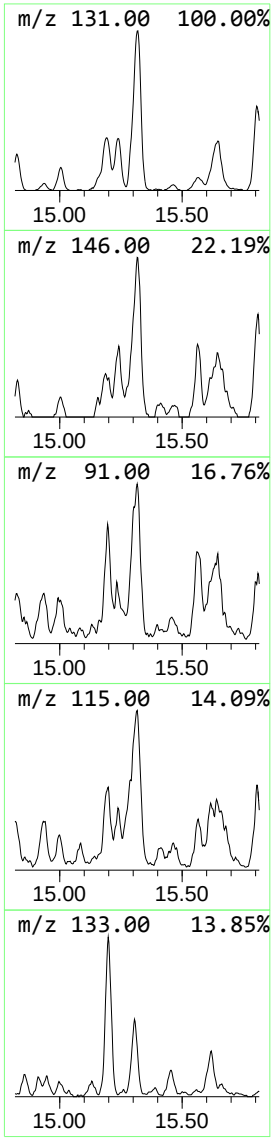
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	12.47 ug/l	326183	1,4-Dichlorobenzene-d4	13.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ERM-16R

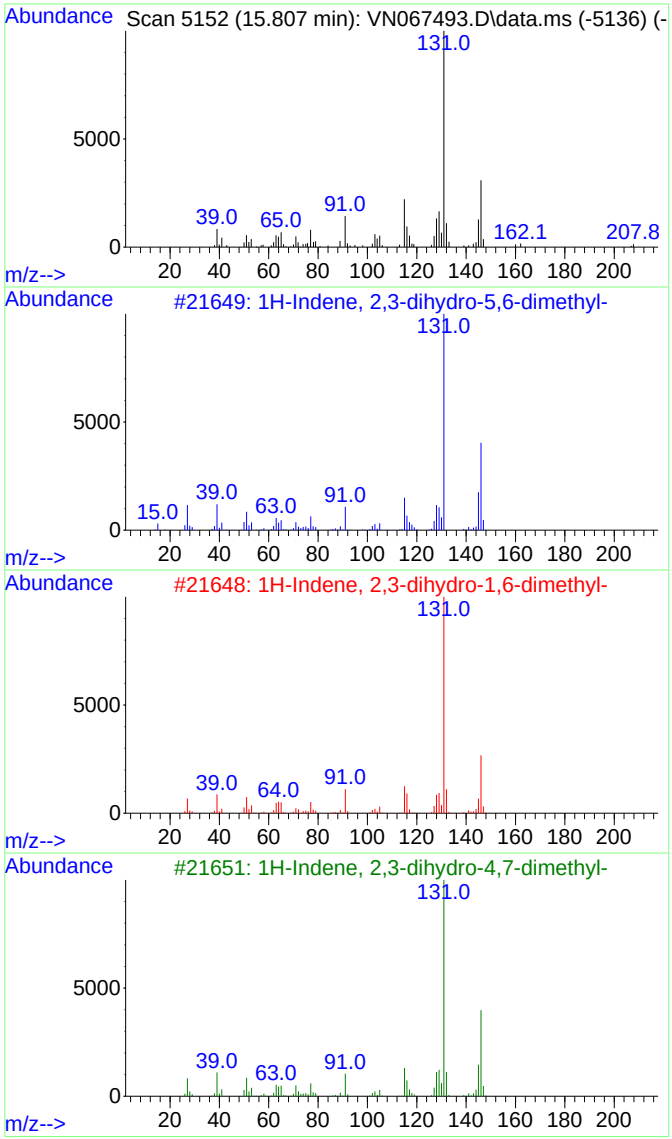
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260

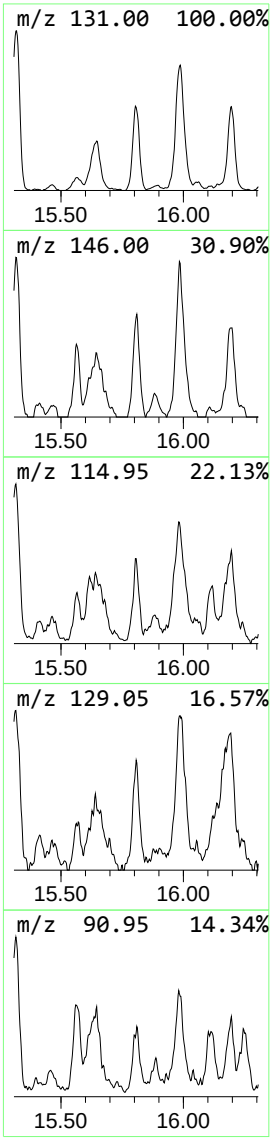
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.807	6.30 ug/l	164762	1,4-Dichlorobenzene-d4	13.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ERM-16R

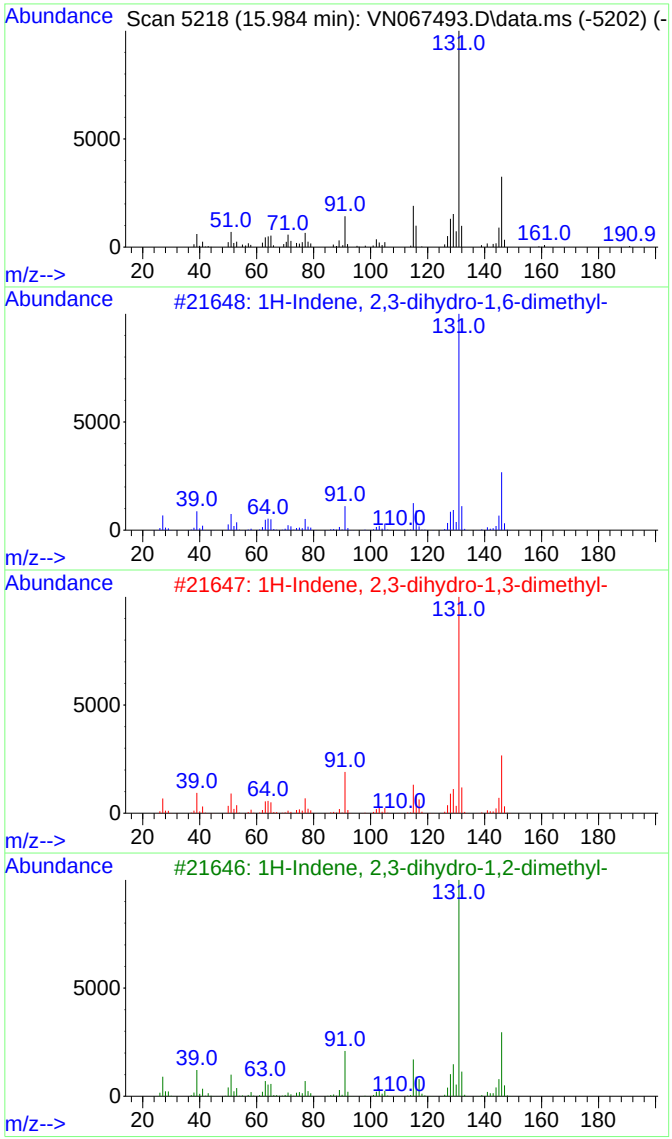
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260

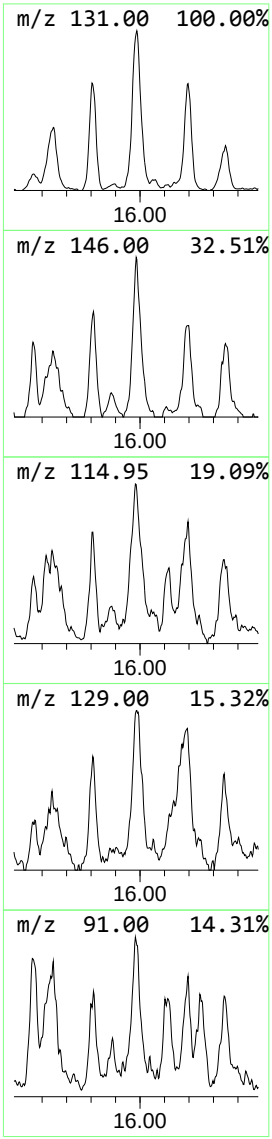
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.984	10.34 ug/l	270457	1,4-Dichlorobenzene-d4	13.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ERM-16R

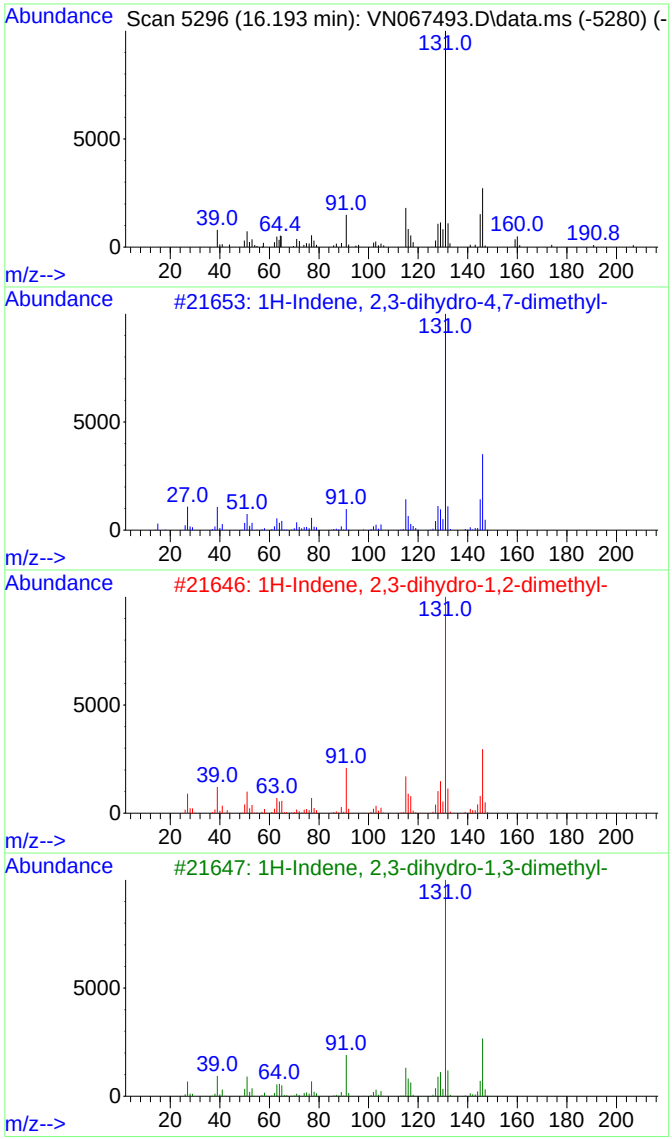
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260

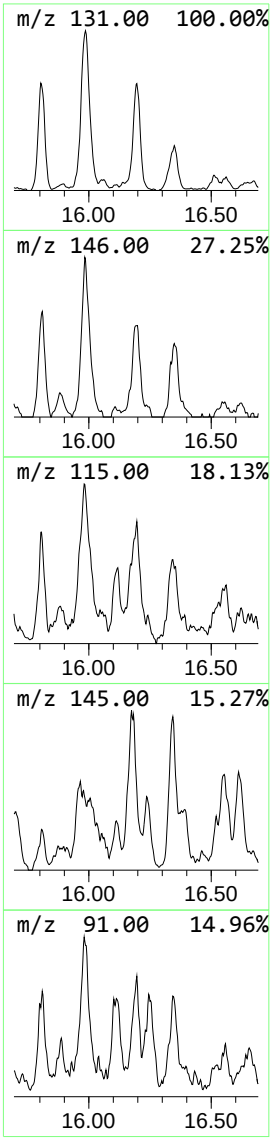
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.193	5.89 ug/l	154117	1,4-Dichlorobenzene-d4	13.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ERM-16R

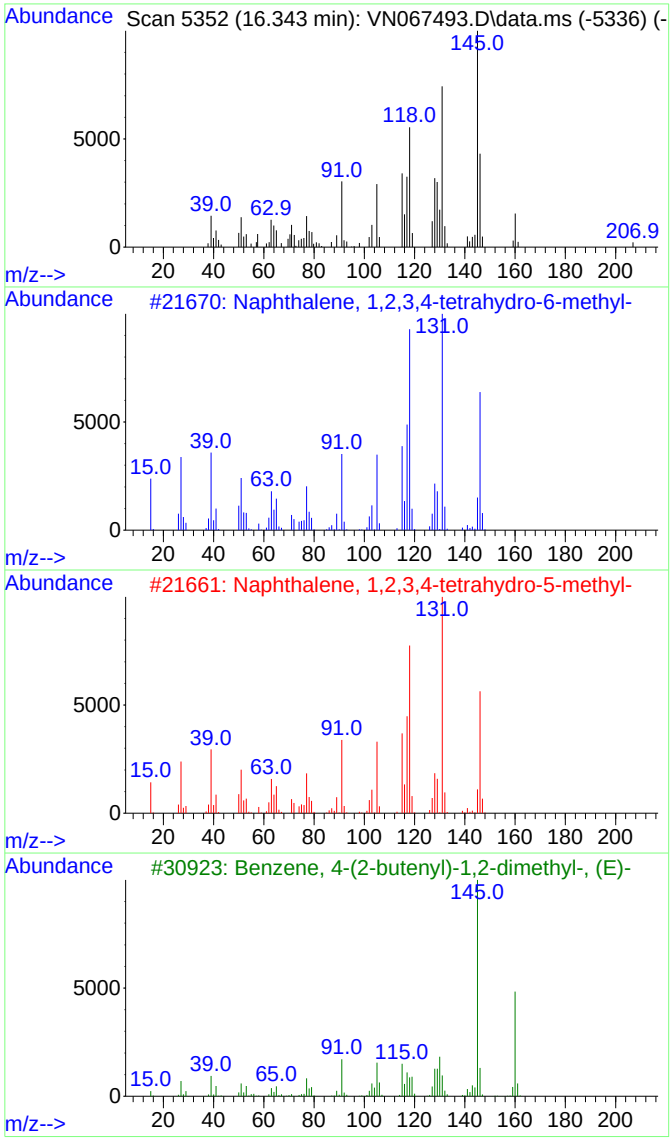
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260

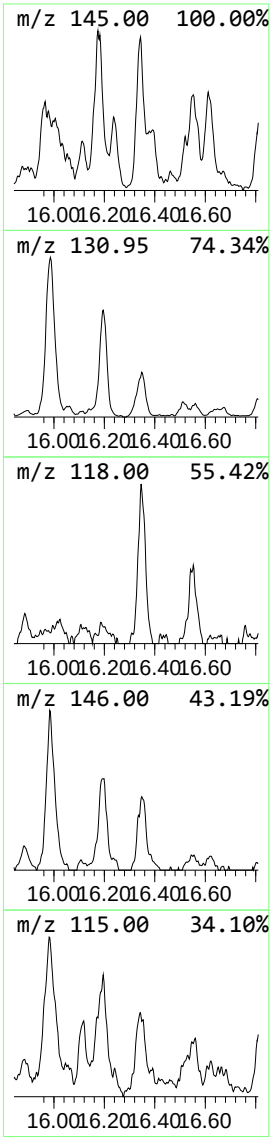
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.343	8.01 ug/l	209547	1,4-Dichlorobenzene-d4	13.677

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	92
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	53
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ERM-16R

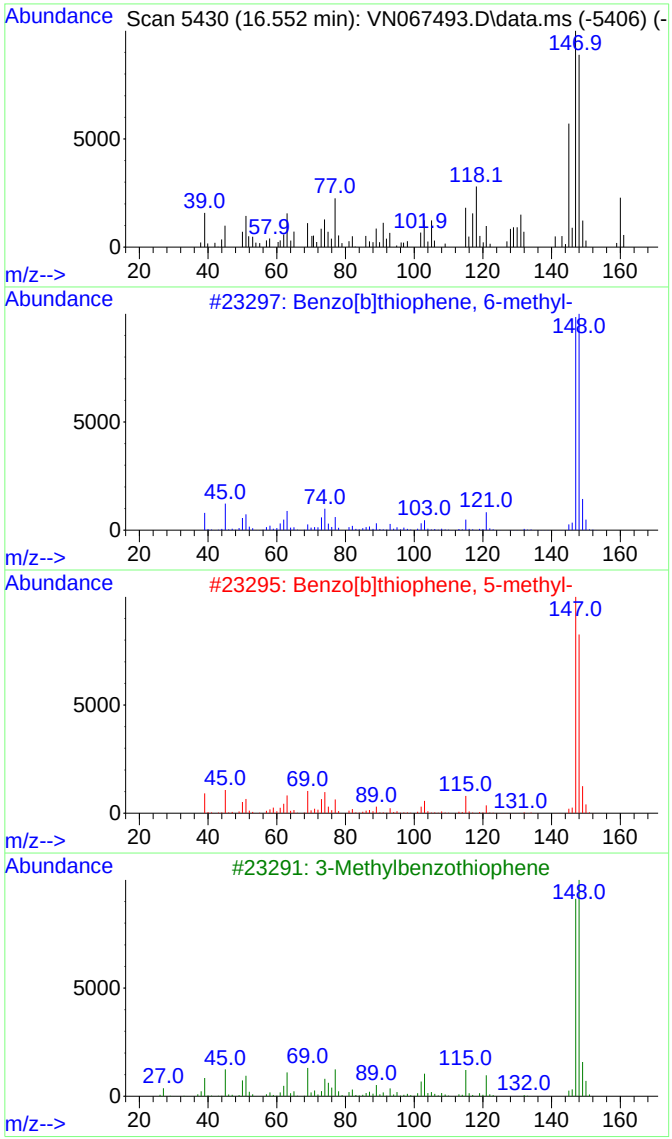
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260

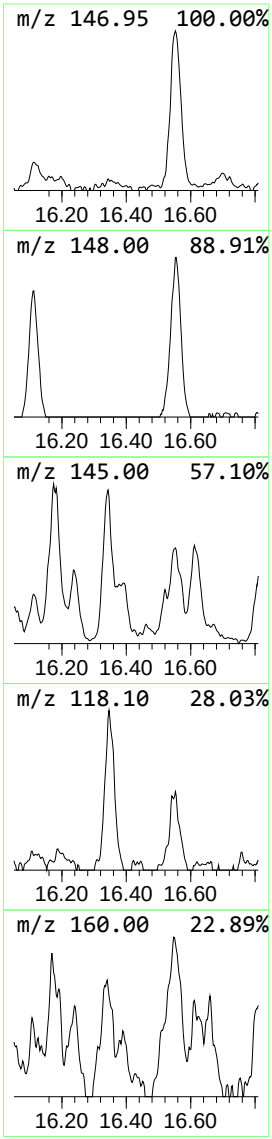
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzo[b]thiophene, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.552	7.12 ug/l	186252	1,4-Dichlorobenzene-d4	13.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	78
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	60
5	(Z)-3-Phenyl-2-propenoic acid	148	C9H8O2	000102-94-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067493.D
Acq On : 24 Jun 2021 19:20
Operator : JC/MD
Sample : M2828-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ERM-16R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.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	13.879	10.3	ug/l	269598	4	13.677	1307980	50.0
Benzene, 1-ethe...	14.332	7.3	ug/l	189818	4	13.677	1307980	50.0
Benzene, 1,2,3,...	14.541	9.6	ug/l	250693	4	13.677	1307980	50.0
Benzene, pentam...	15.195	5.3	ug/l	138256	4	13.677	1307980	50.0
1H-Indene, 2,3-...	15.316	12.5	ug/l	326183	4	13.677	1307980	50.0
1H-Indene, 2,3-...	15.807	6.3	ug/l	164762	4	13.677	1307980	50.0
1H-Indene, 2,3-...	15.984	10.3	ug/l	270457	4	13.677	1307980	50.0
1H-Indene, 2,3-...	16.193	5.9	ug/l	154117	4	13.677	1307980	50.0
Naphthalene, 1,...	16.343	8.0	ug/l	209547	4	13.677	1307980	50.0
Benzo[b]thiophe...	16.552	7.1	ug/l	186252	4	13.677	1307980	50.0