LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065624.D
Acq On : 27 Jan 2021 12:57
Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

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\82N012521W.M
Title : SW846 8260

Signal : TIC: VN065624.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.782	625	635	649	rVB	6914	17100	1.52%	0.170%
2	7.550	1789	1807	1818	rBV3	126820	317987	28.23%	3.160%
3	7.624	1818	1830	1850	rVB	251859	598066	53.10%	5.943%
4	7.987	1926	1943	1965	rBV	156980	364545	32.37%	3.623%
5	8.547	2101	2117	2142	rBV	386400	813132	72.19%	8.081%
6	10.058	2571	2587	2599	rBV	613225	1126349	100.00%	11.193%
7	10.122	2599	2607	2626	rVB	61165	112680	10.00%	1.120%
8	11.376	2983	2997	3022	rBV	505070	903559	80.22%	8.979%
9	11.595	3053	3065	3075	rBV4	6788	12419	1.10%	0.123%
10	11.916	3154	3165	3187	rVB	129677	219154	19.46%	2.178%
11	12.373	3294	3307	3335	rVB	358265	618678	54.93%	6.148%
12	12.704	3401	3410	3422	rVB	62474	96783	8.59%	0.962%
13	12.801	3429	3440	3449	rBV	35746	57816	5.13%	0.575%
14	12.862	3449	3459	3475	rVB	54600	89412	7.94%	0.889%
15	13.203	3555	3565	3577	rBV	13555	22461	1.99%	0.223%
16	13.315	3588	3600	3622	rBV2	404084	923171	81.96%	9.174%
17	13.482	3642	3652	3655	rBV	20578	28311	2.51%	0.281%
18	13.511	3655	3661	3667	rVV2	44744	72449	6.43%	0.720%
19	13.553	3667	3674	3691	rVB2	75951	129297	11.48%	1.285%
20	13.643	3691	3702	3712	rBV4	13965	22211	1.97%	0.221%
21	13.707	3712	3722	3733	rBV	26559	42367	3.76%	0.421%
22	13.801	3746	3751	3759	rVB	14205	20822	1.85%	0.207%
23	13.858	3759	3769	3779	rVB	70712	105920	9.40%	1.053%
24	13.916	3779	3787	3792	rBV2	8154	11476	1.02%	0.114%
25	13.965	3792	3802	3812	rVB	64895	106858	9.49%	1.062%
26	14.096	3834	3843	3853	rBV2	44076	67618	6.00%	0.672%
27	14.180	3859	3869	3874	rBV	52918	81787	7.26%	0.813%
28	14.219	3874	3881	3889	rVV	92540	139638	12.40%	1.388%
29	14.267	3889	3896	3902	rVV2	26396	35331	3.14%	0.351%
30	14.302	3902	3907	3913	rVB2	12563	15008	1.33%	0.149%
31	14.399	3924	3937	3944	rBV4	18086	36327	3.23%	0.361%
32	14.447	3944	3952	3959	rVV4	24691	39478	3.50%	0.392%
33	14.495	3960	3967	3974	rVB	31982	45413	4.03%	0.451%
34	14.559	3974	3987	3999	rBV4	224394	481222	42.72%	4.782%
35	14.624	3999	4007	4016	rVB5	24015	40508	3.60%	0.403%
36	14.710	4024	4034	4043	rBV	75058	117356	10.42%	1.166%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065624.D
Acq On : 27 Jan 2021 12:57
Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

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\82N012521W.M
Title : SW846 8260

37	14.781	4043	4056	4059	rBV7	11781	24790	2.20%	0.246%
38	14.823	4059	4069	4073	rBV3	58574	95718	8.50%	0.951%
39	14.926	4091	4101	4117	rVB3	95269	208510	18.51%	2.072%
40	15.058	4134	4142	4150	rBV3	15276	29929	2.66%	0.297%
41	15.154	4163	4172	4180	rBV2	57776	92720	8.23%	0.921%
42	15.225	4180	4194	4212	rVV4	60477	197885	17.57%	1.967%
43	15.379	4230	4242	4254	rBV	59652	114723	10.19%	1.140%
44	15.447	4258	4263	4272	rVV9	8159	16838	1.49%	0.167%
45	15.537	4274	4291	4295	rVV5	69999	152244	13.52%	1.513%
46	15.572	4297	4302	4320	rVV	116666	231275	20.53%	2.298%
47	15.659	4320	4329	4337	rVV4	35608	71665	6.36%	0.712%
48	15.730	4340	4351	4376	rVB3	55918	154300	13.70%	1.533%
49	15.871	4381	4395	4413	rBV2	139602	290529	25.79%	2.887%
50	16.058	4436	4453	4464	rBV4	70401	166880	14.82%	1.658%
51	16.122	4465	4473	4496	rVB6	32133	90780	8.06%	0.902%
52	16.312	4517	4532	4541	rBV6	29381	84938	7.54%	0.844%
53	16.444	4562	4573	4588	rVB5	30067	75410	6.70%	0.749%
54	16.636	4622	4633	4650	rVB4	11213	30898	2.74%	0.307%

Sum of corrected areas: 10062741

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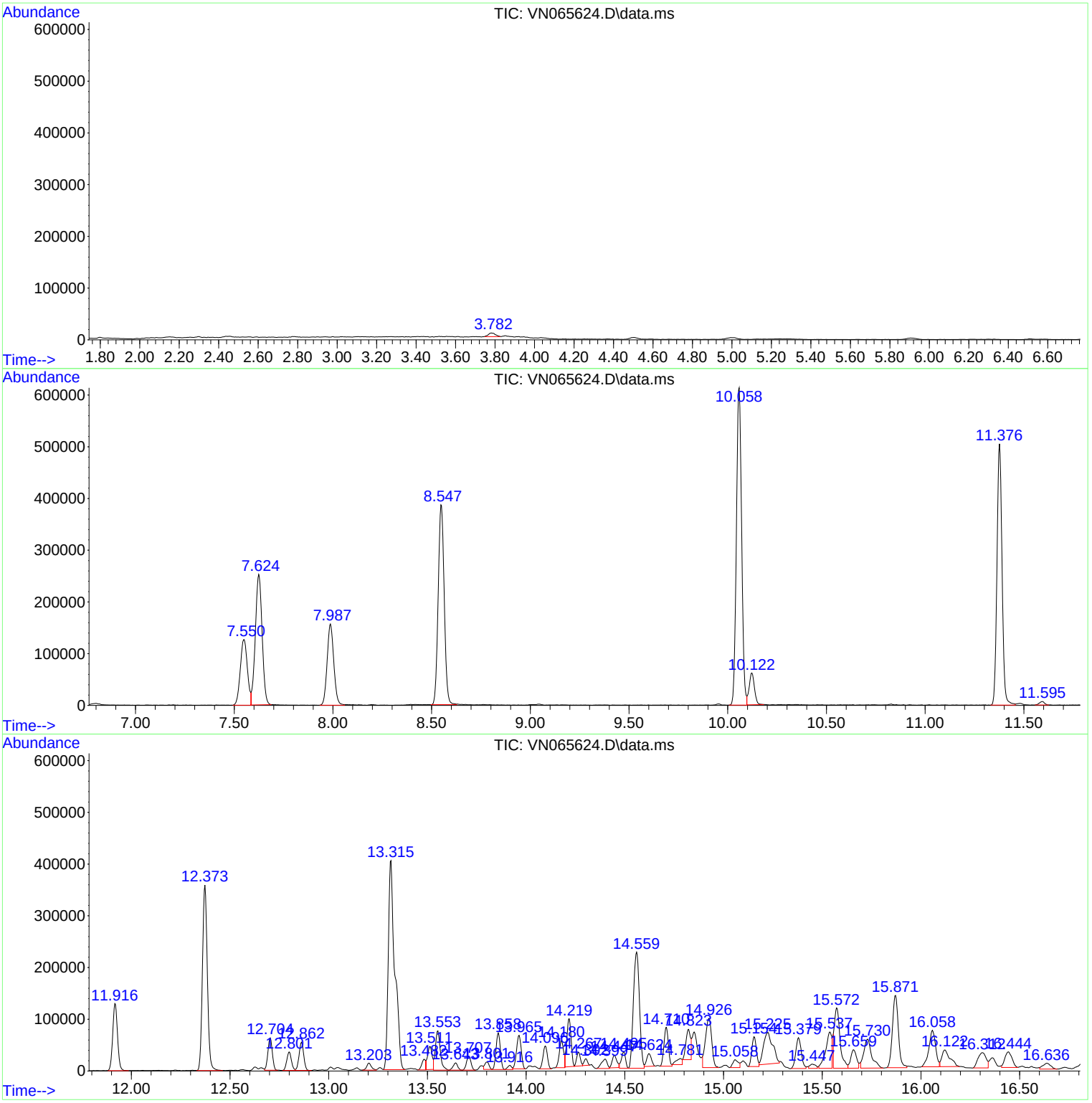
Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41109

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065624.D
Acq On : 27 Jan 2021 12:57
Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

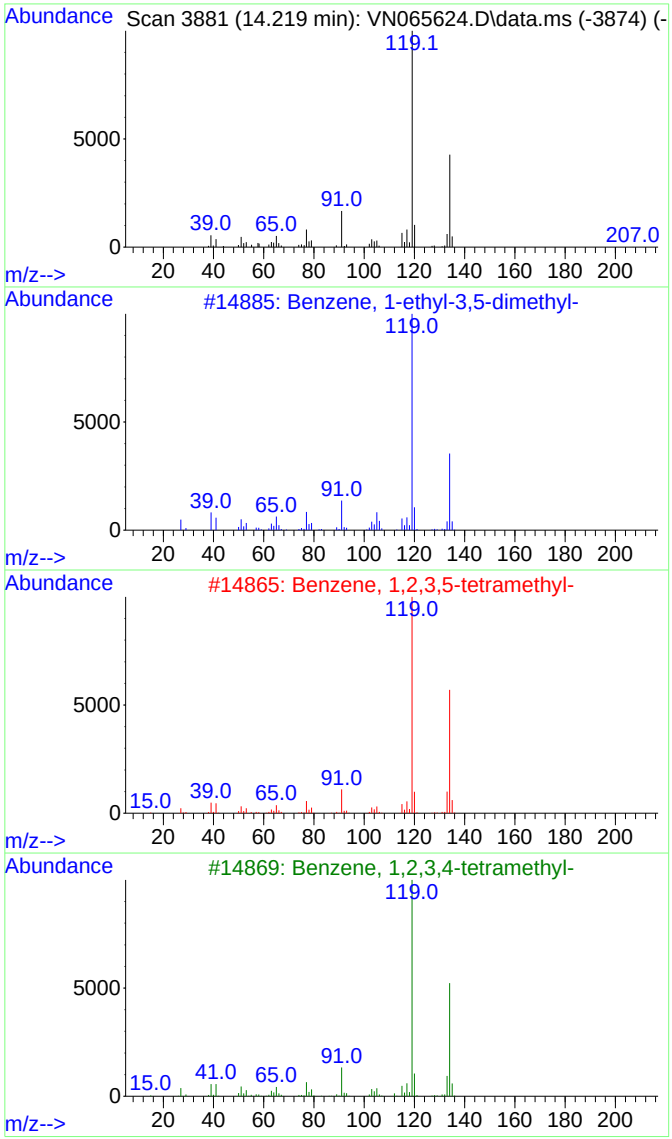
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

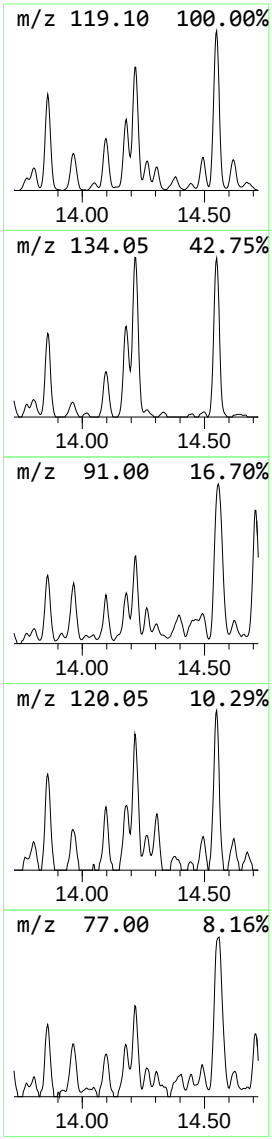
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.219	7.56 ug/l	139638	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	o-Cymene	134	C10H14	000527-84-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065624.D
Acq On : 27 Jan 2021 12:57
Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

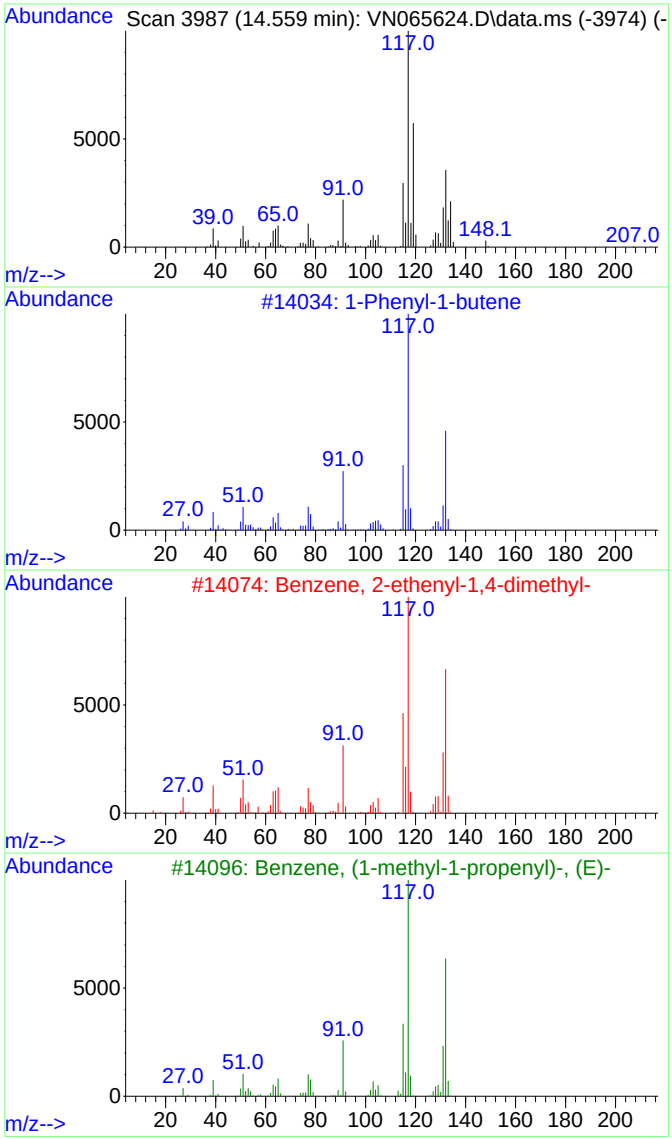
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

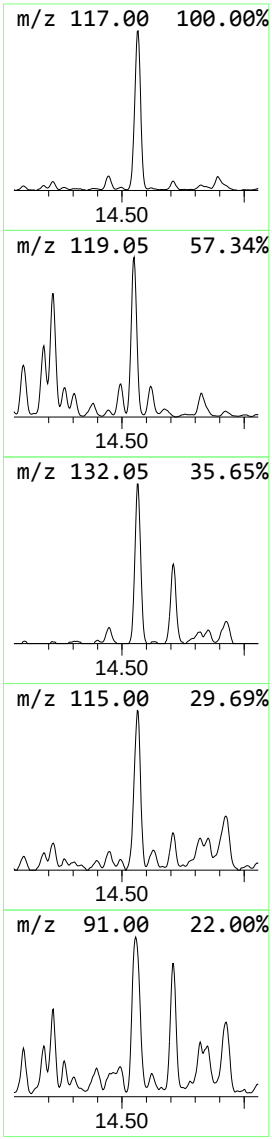
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.559	26.06 ug/l	481222	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065624.D
Acq On : 27 Jan 2021 12:57
Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

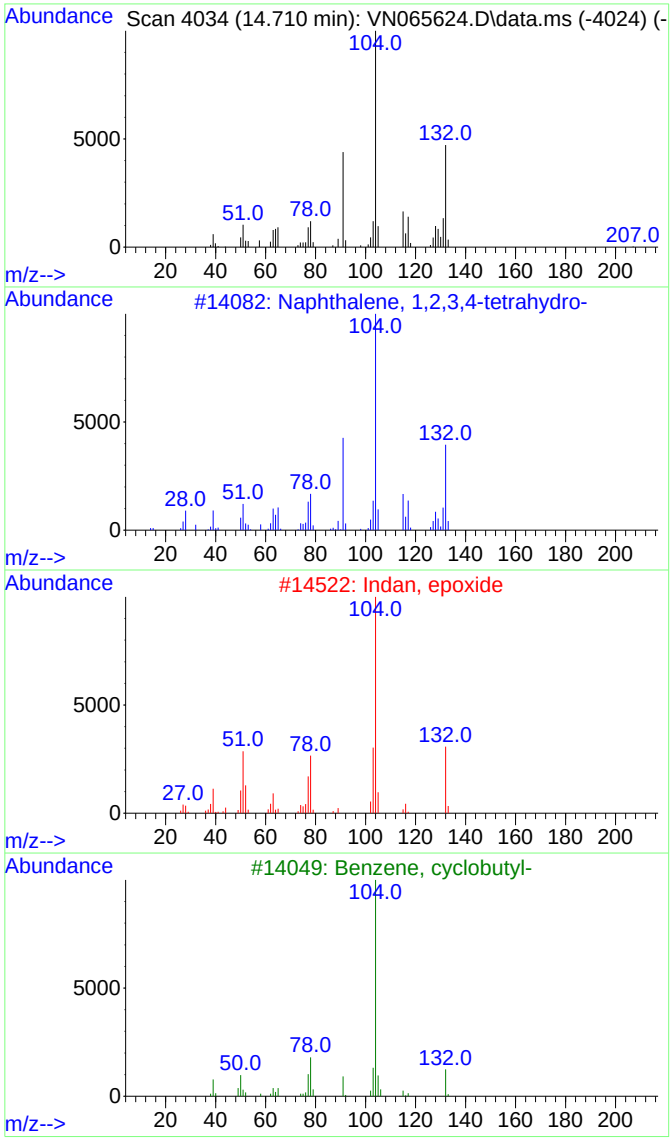
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

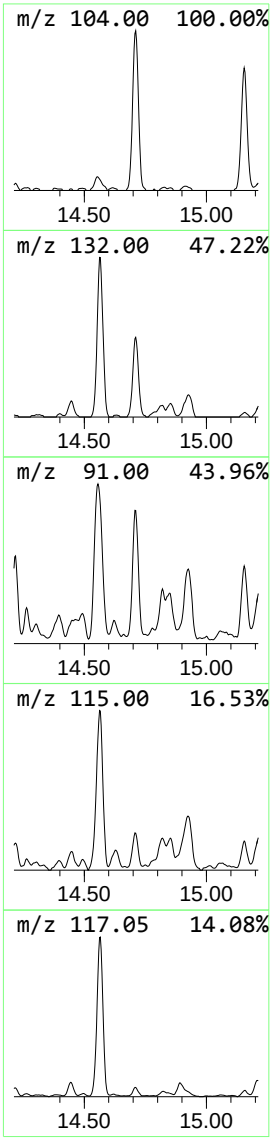
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.711	6.36 ug/l	117356	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
4	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
5	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065624.D
Acq On : 27 Jan 2021 12:57
Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

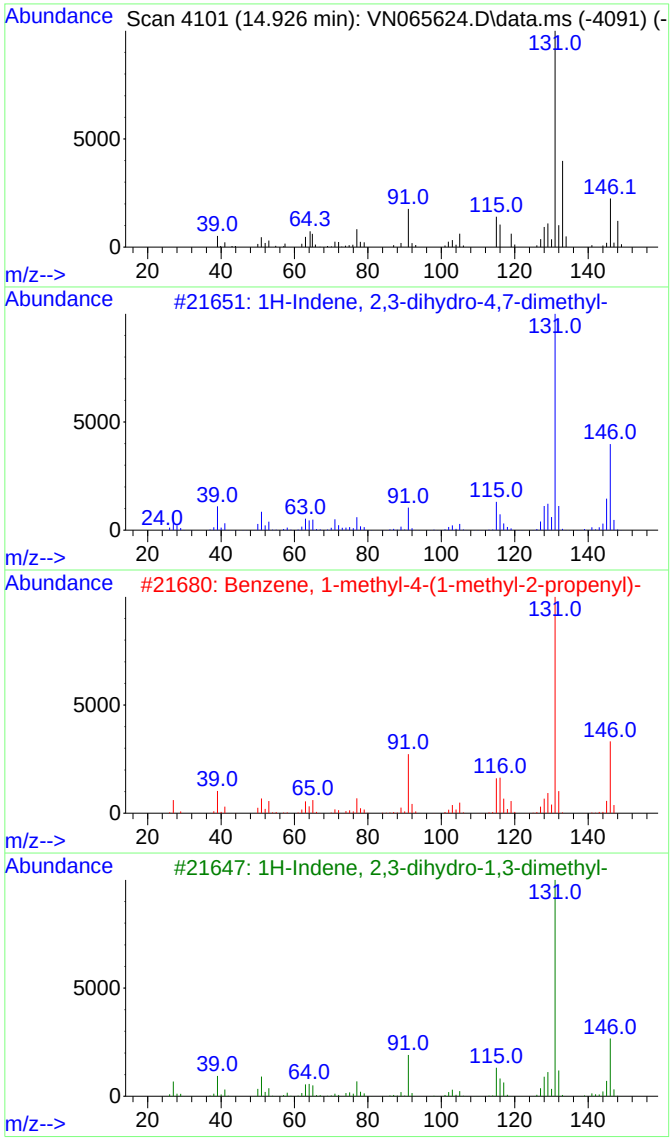
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

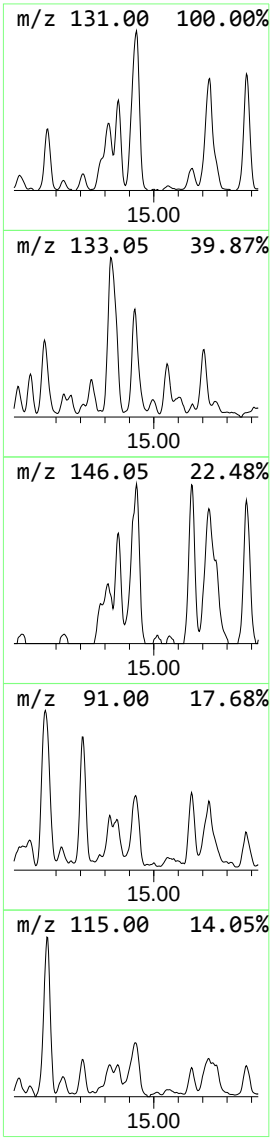
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.926	11.29 ug/l	208510	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

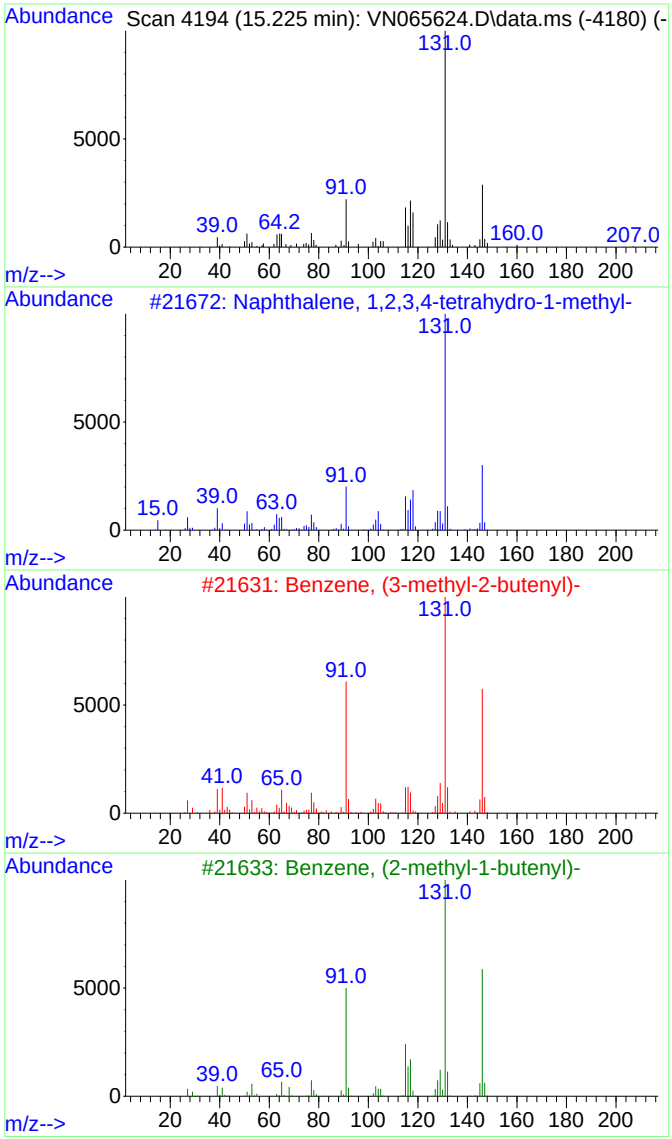
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

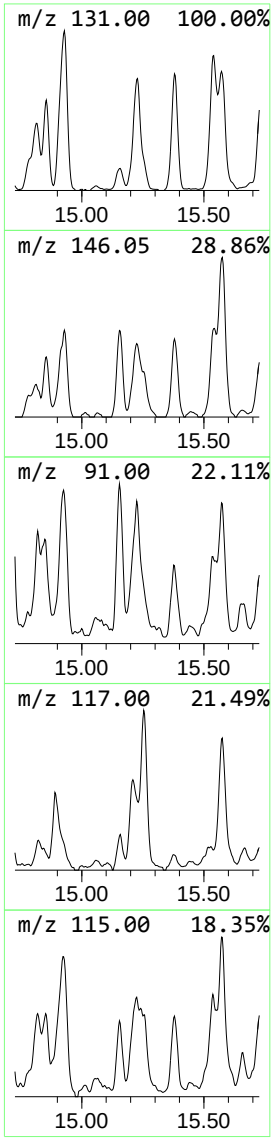
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.225	10.72 ug/l	197885	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	97
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81





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Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

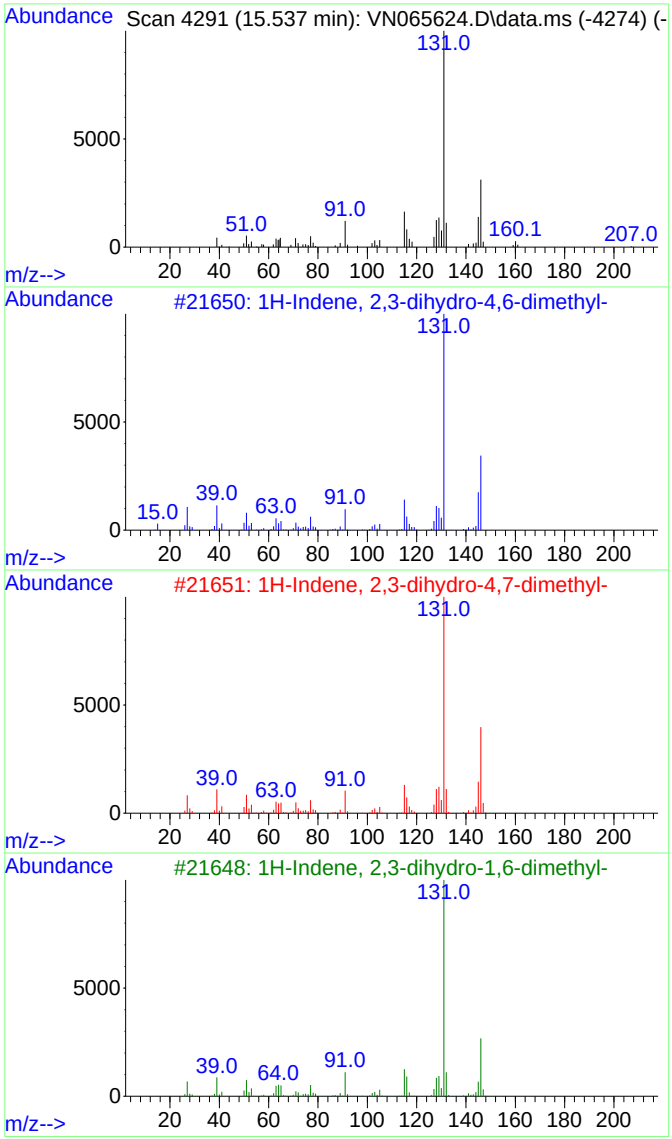
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

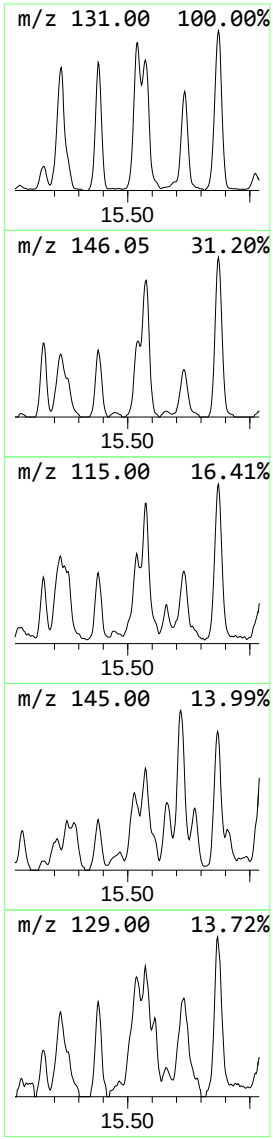
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.537	8.25 ug/l	152244	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





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Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

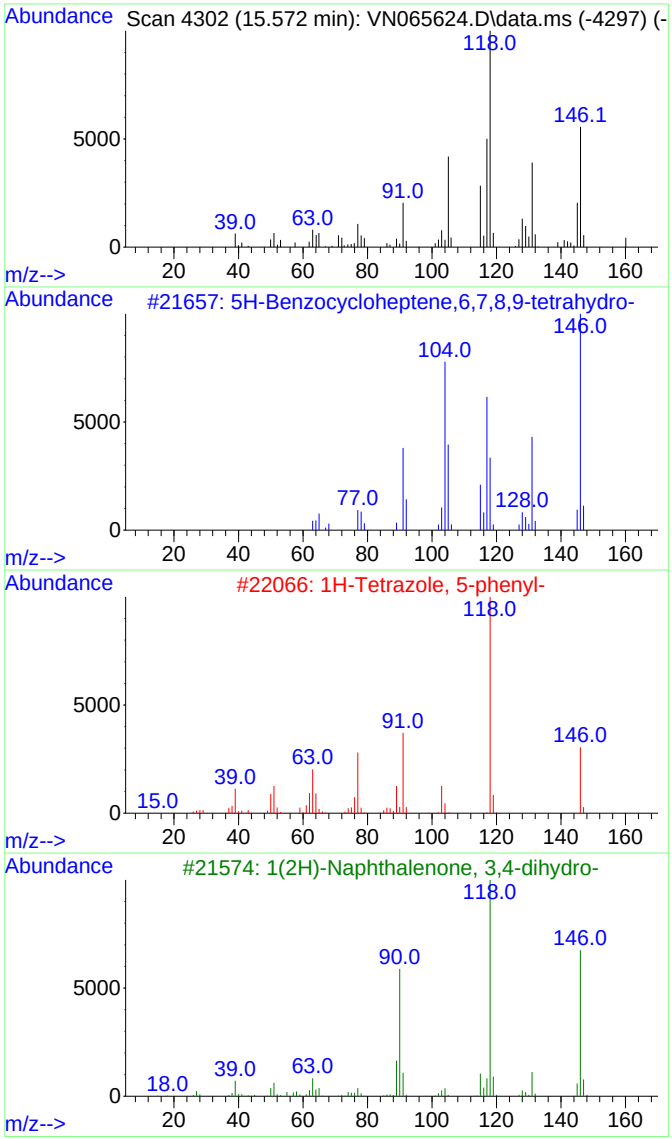
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

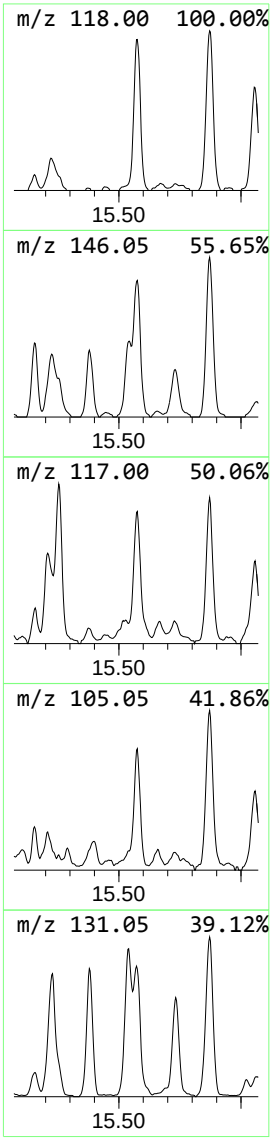
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5H-Benzocycloheptene,6,7,8,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.572	12.53 ug/l	231275	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	52
2	1H-Tetrazole, 5-phenyl-	146	C7H6N4	018039-42-4	46
3	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	43
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	38
5	3-Chloropropionic acid, 3-phenyl...	226	C12H15ClO2	078987-69-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065624.D
Acq On : 27 Jan 2021 12:57
Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

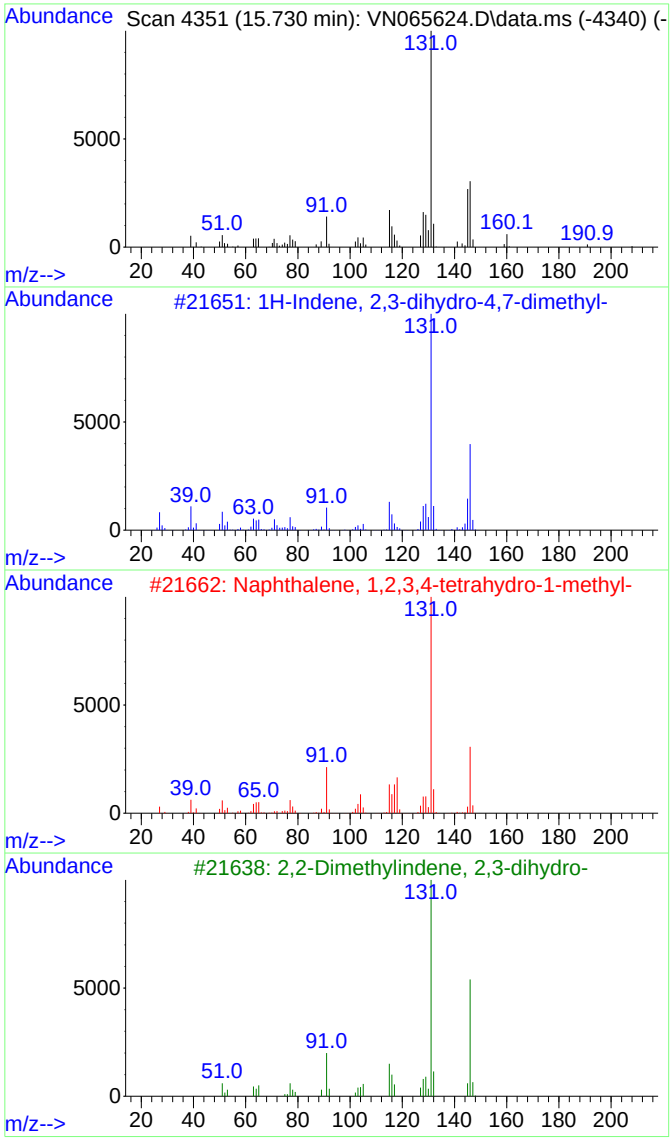
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

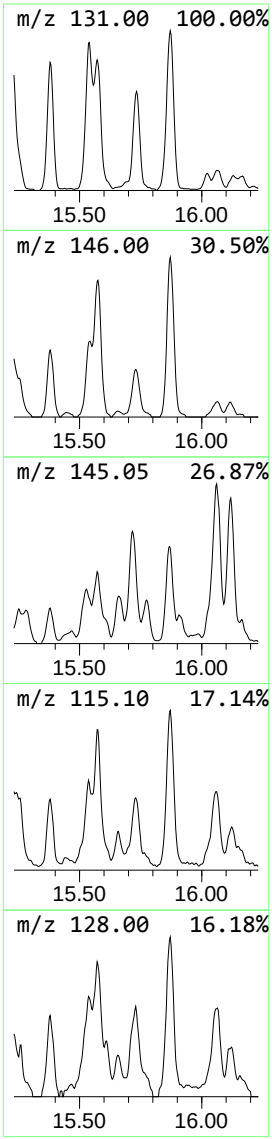
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,2-Dimethylindene, 2,3-dih... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.730	8.36 ug/l	154300	1,4-Dichlorobenzene-d4	13.315

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	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065624.D
Acq On : 27 Jan 2021 12:57
Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

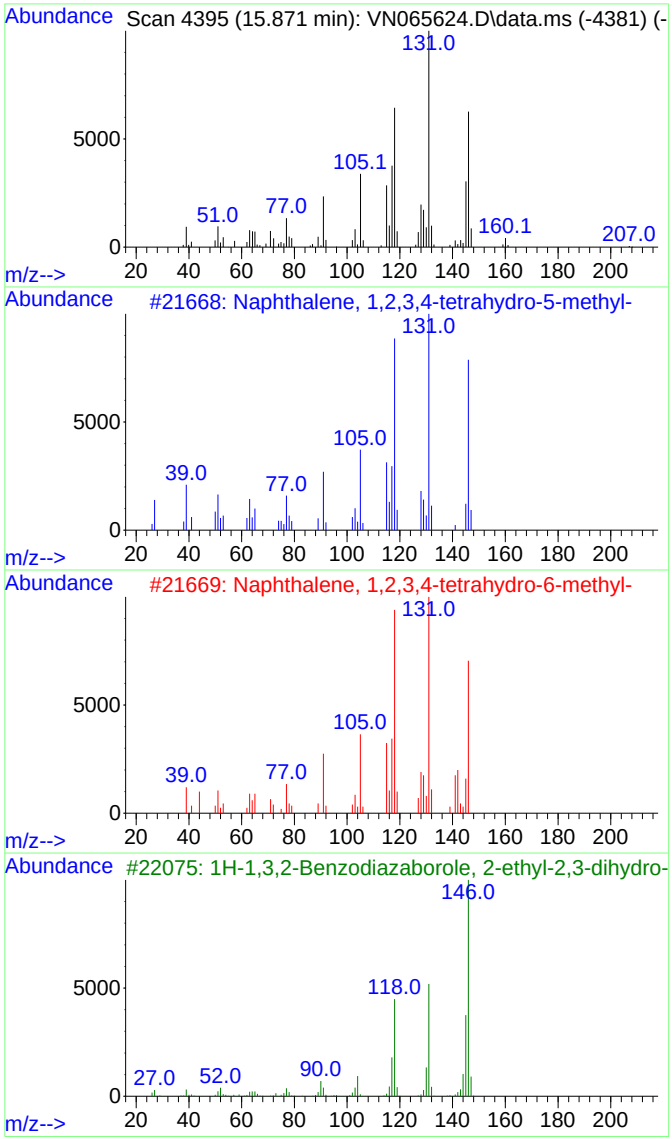
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

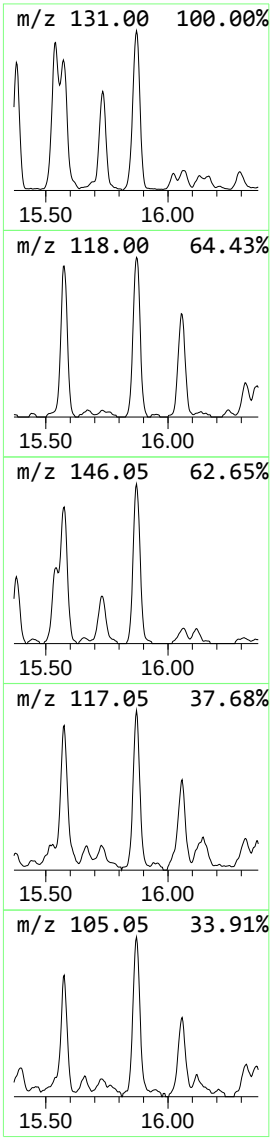
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.871	15.74 ug/l	290529	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	91
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065624.D
Acq On : 27 Jan 2021 12:57
Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

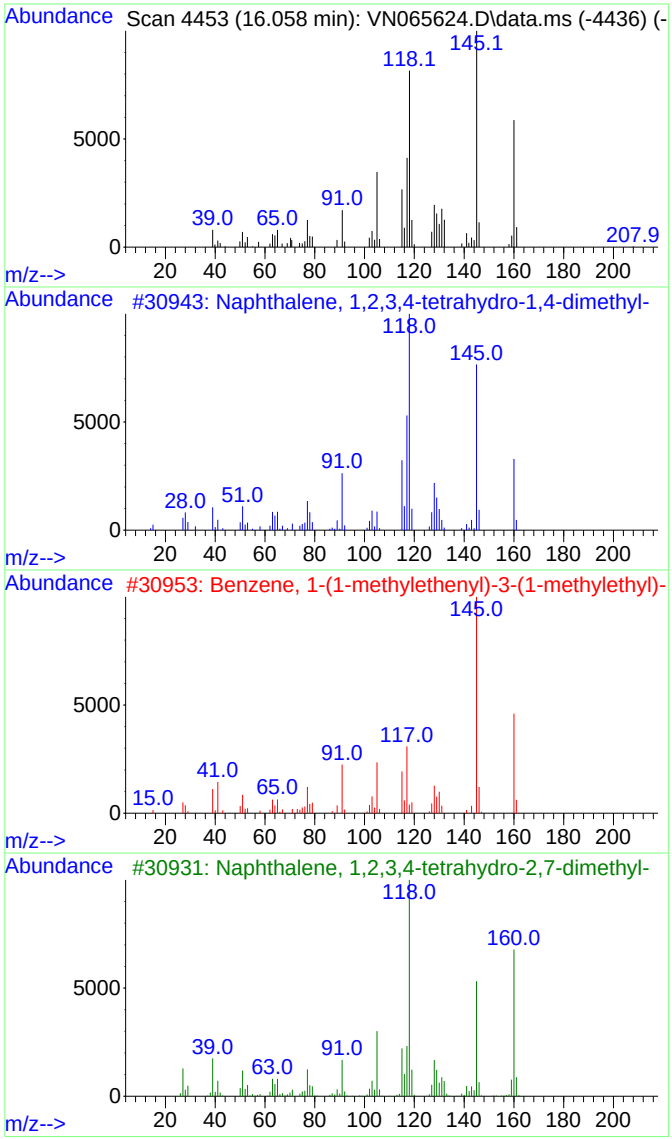
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

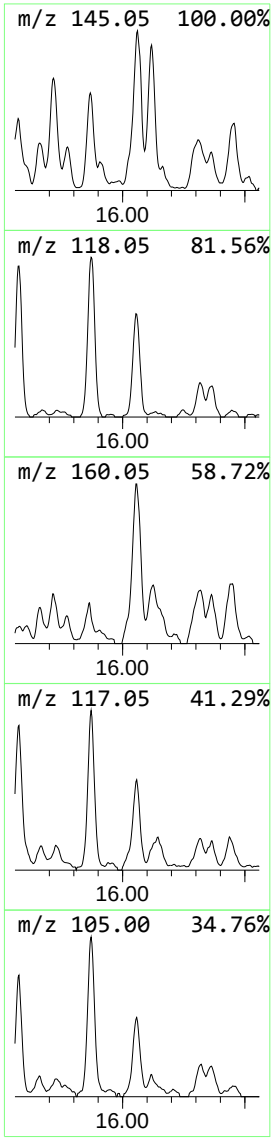
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.058	9.04 ug/l	166880	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	78
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065624.D
Acq On : 27 Jan 2021 12:57
Operator : JC/MD
Sample : M1190-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41109

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.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-ethy...	14.219	7.6	ug/l	139638	4	13.315	923171	50.0
1-Phenyl-1-butene	14.559	26.1	ug/l	481222	4	13.315	923171	50.0
Naphthalene, 1,...	14.711	6.4	ug/l	117356	4	13.315	923171	50.0
1H-Indene, 2,3-...	14.926	11.3	ug/l	208510	4	13.315	923171	50.0
Naphthalene, 1,...	15.225	10.7	ug/l	197885	4	13.315	923171	50.0
1H-Indene, 2,3-...	15.537	8.3	ug/l	152244	4	13.315	923171	50.0
5H-Benzocyclohe...	15.572	12.5	ug/l	231275	4	13.315	923171	50.0
2,2-Dimethylind...	15.730	8.4	ug/l	154300	4	13.315	923171	50.0
Naphthalene, 1,...	15.871	15.7	ug/l	290529	4	13.315	923171	50.0
Naphthalene, 1,...	16.058	9.0	ug/l	166880	4	13.315	923171	50.0