LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP-110

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: VN065645.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.798	11	18	30	rBV4	8747	12429	1.05%	0.133%
2	1.975	64	73	86	rBV	15940	22846	1.92%	0.244%
3	7.328	1720	1738	1757	rVB2	17330	44767	3.77%	0.479%
4	7.550	1785	1807	1818	rBV2	133389	332400	28.00%	3.555%
5	7.624	1818	1830	1849	rVB	263126	617575	52.03%	6.605%
6	7.988	1927	1943	1970	rBV	163871	380190	32.03%	4.066%
7	8.547	2101	2117	2144	rBV	406065	850324	71.64%	9.094%
8	10.055	2572	2586	2616	rBV	637694	1186971	100.00%	12.694%
9	11.376	2984	2997	3018	rBV	533612	941278	79.30%	10.067%
10	11.917	3145	3165	3179	rBV2	44487	86145	7.26%	0.921%
11	12.219	3250	3259	3270	rVB	12932	20296	1.71%	0.217%
12	12.373	3292	3307	3325	rBV	374234	652837	55.00%	6.982%
13	12.560	3362	3365	3374	rVB	12253	14966	1.26%	0.160%
14	12.624	3377	3385	3393	rBV	13562	21334	1.80%	0.228%
15	12.701	3400	3409	3420	rVB	49552	81259	6.85%	0.869%
16	12.862	3447	3459	3470	rBV	88457	146560	12.35%	1.567%
17	12.929	3470	3480	3494	rVB9	10163	19978	1.68%	0.214%
18	13.010	3494	3505	3517	rBV	71245	112721	9.50%	1.206%
19	13.138	3534	3545	3553	rBV2	10843	19735	1.66%	0.211%
20	13.203	3554	3565	3575	rVV	33914	53474	4.51%	0.572%
21	13.257	3575	3582	3588	rVV2	10887	15521	1.31%	0.166%
22	13.312	3588	3599	3620	rVB2	429256	863352	72.74%	9.233%
23	13.511	3645	3661	3668	rBV2	78382	152877	12.88%	1.635%
24	13.553	3668	3674	3690	rVB2	55419	96194	8.10%	1.029%
25	13.640	3690	3701	3711	rVB5	31332	54759	4.61%	0.586%
26	13.711	3713	3723	3732	rBV	42224	64780	5.46%	0.693%
27	13.772	3734	3742	3746	rBV	23724	34782	2.93%	0.372%
28	13.801	3747	3751	3760	rVB	28018	38152	3.21%	0.408%
29	13.859	3760	3769	3778	rVB	55319	80962	6.82%	0.866%
30	13.913	3779	3786	3792	rBV2	15270	21796	1.84%	0.233%
31	13.965	3792	3802	3812	rVB2	93214	150947	12.72%	1.614%
32	14.016	3812	3818	3823	rBV3	7957	12713	1.07%	0.136%
33	14.097	3833	3843	3851	rBV2	37807	60232	5.07%	0.644%
34	14.177	3862	3868	3874	rBV	24832	34368	2.90%	0.368%
35	14.219	3875	3881	3888	rVB	39478	56720	4.78%	0.607%
36	14.267	3888	3896	3901	rBV	24550	35003	2.95%	0.374%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP-110

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	14.299	3902	3906	3913	rVB4	17109	20258	1.71%	0.217%
38	14.399	3925	3937	3944	rBV6	19475	36057	3.04%	0.386%
39	14.447	3944	3952	3960	rVV3	34003	56301	4.74%	0.602%
40	14.492	3960	3966	3974	rVB	33900	48538	4.09%	0.519%
41	14.560	3974	3987	3998	rBV5	132232	294420	24.80%	3.149%
42	14.617	3999	4005	4016	rVB6	20862	38143	3.21%	0.408%
43	14.711	4024	4034	4044	rVB	122018	192147	16.19%	2.055%
44	14.820	4052	4068	4073	rBV6	41460	84061	7.08%	0.899%
45	14.923	4091	4100	4115	rVB2	51968	113718	9.58%	1.216%
46	15.084	4137	4150	4162	rBV2	16349	45784	3.86%	0.490%
47	15.154	4164	4172	4181	rVV	55457	90386	7.61%	0.967%
48	15.225	4181	4194	4210	rVV4	57023	161543	13.61%	1.728%
49	15.293	4211	4215	4230	rVB7	18164	28815	2.43%	0.308%
50	15.380	4232	4242	4254	rBV3	23573	48263	4.07%	0.516%
51	15.453	4256	4265	4275	rBV3	12553	24924	2.10%	0.267%
52	15.537	4281	4291	4293	rBV4	21830	34385	2.90%	0.368%
53	15.576	4296	4303	4319	rVB2	83624	153678	12.95%	1.644%
54	15.659	4322	4329	4338	rBV7	14612	26122	2.20%	0.279%
55	15.730	4340	4351	4374	rVB6	28689	88545	7.46%	0.947%
56	15.868	4383	4394	4408	rBV2	71858	141869	11.95%	1.517%
57	15.990	4425	4432	4437	rBV4	9704	14304	1.21%	0.153%
58	16.058	4444	4453	4463	rVB3	39209	75287	6.34%	0.805%
59	16.119	4465	4472	4484	rVB3	29352	50778	4.28%	0.543%
60	16.306	4518	4530	4542	rBV7	33630	90723	7.64%	0.970%

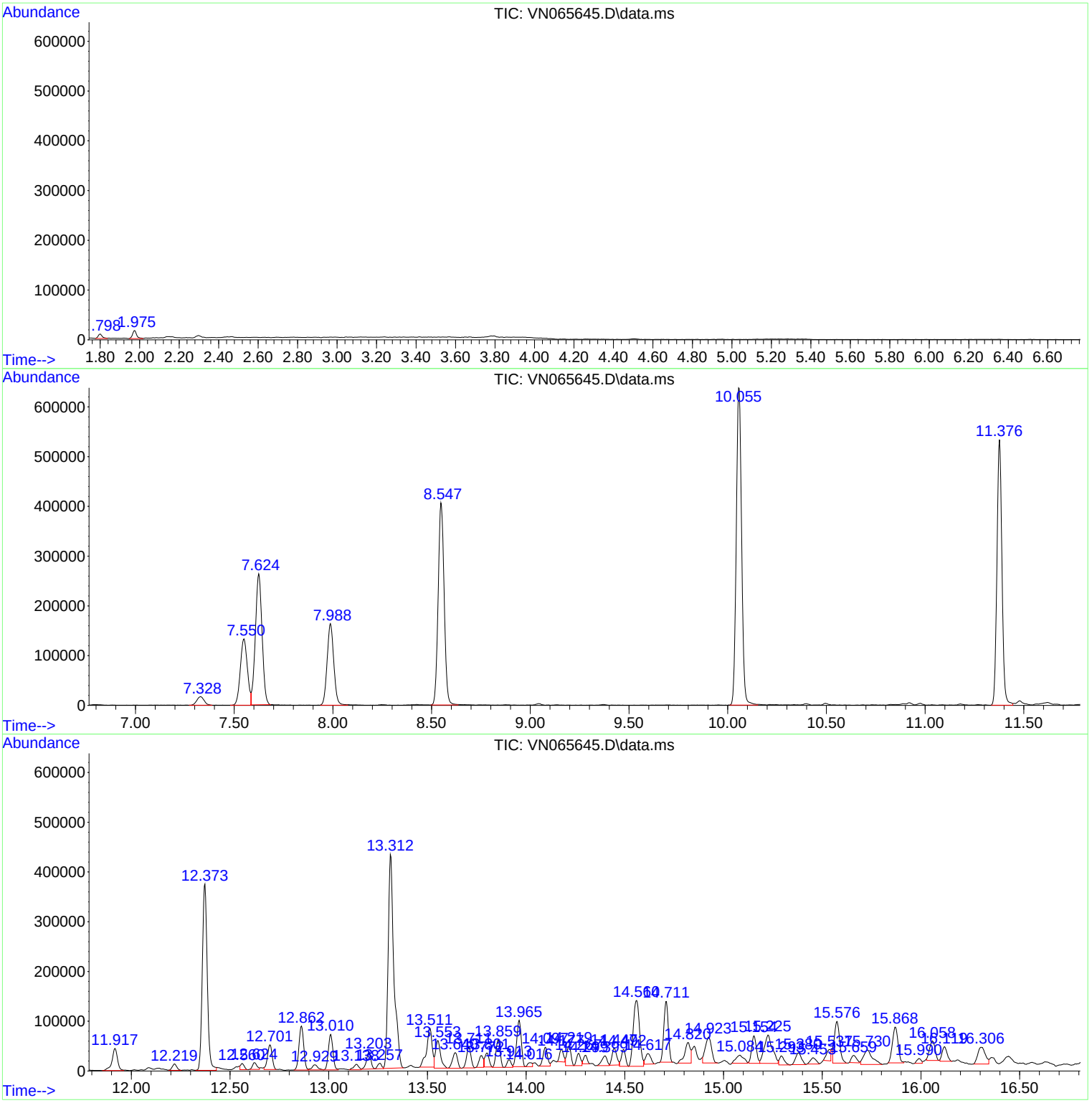
Sum of corrected areas: 9350292

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WP-110

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\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP-110

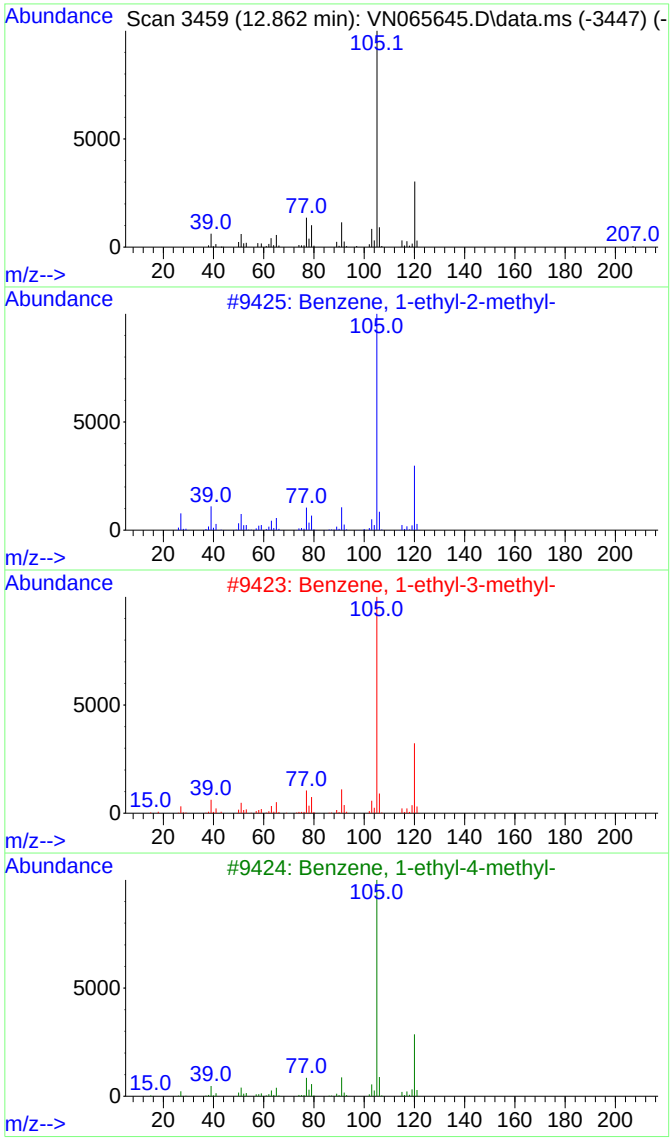
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

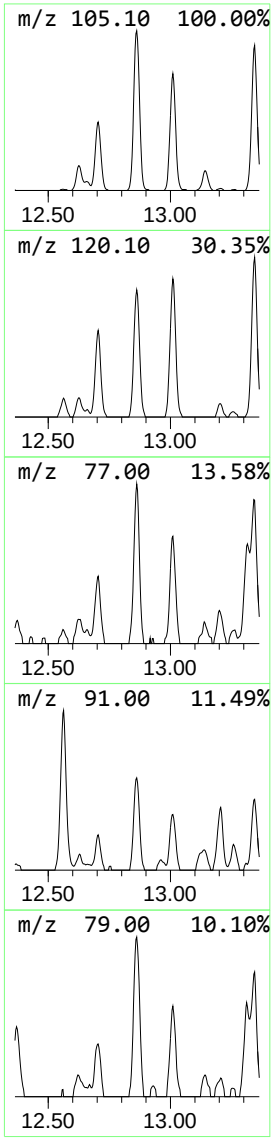
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.862	8.49 ug/l	146560	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WP-110

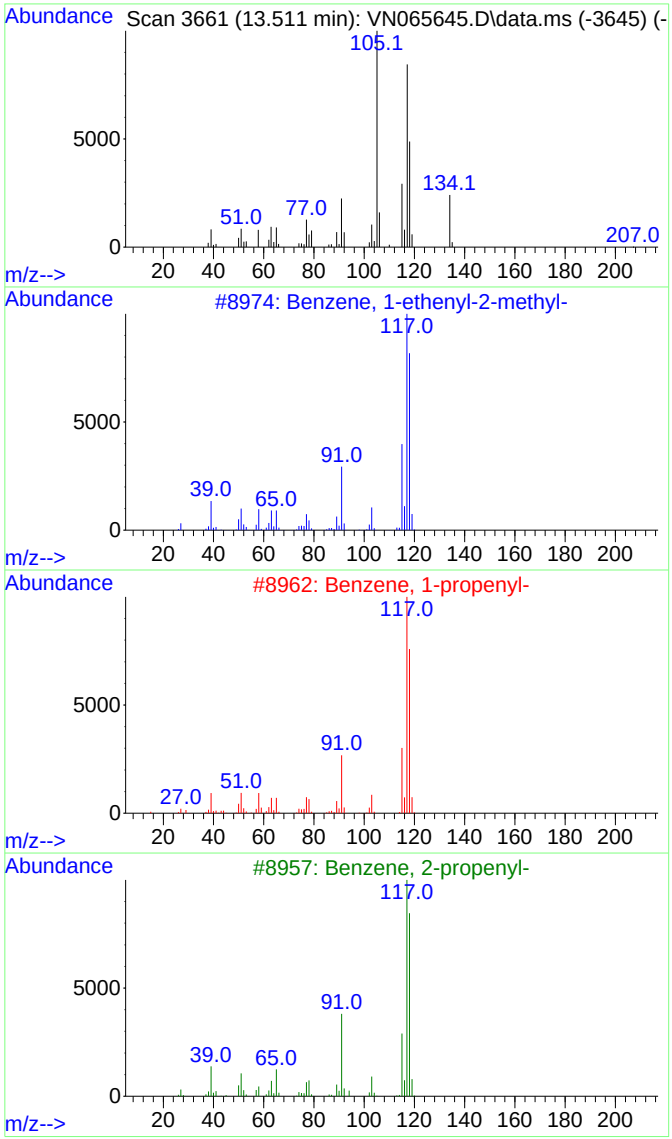
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

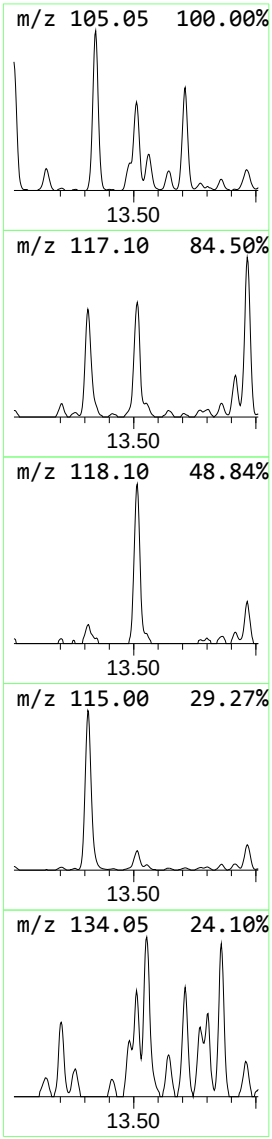
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.511	8.85 ug/l	152877	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP-110

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

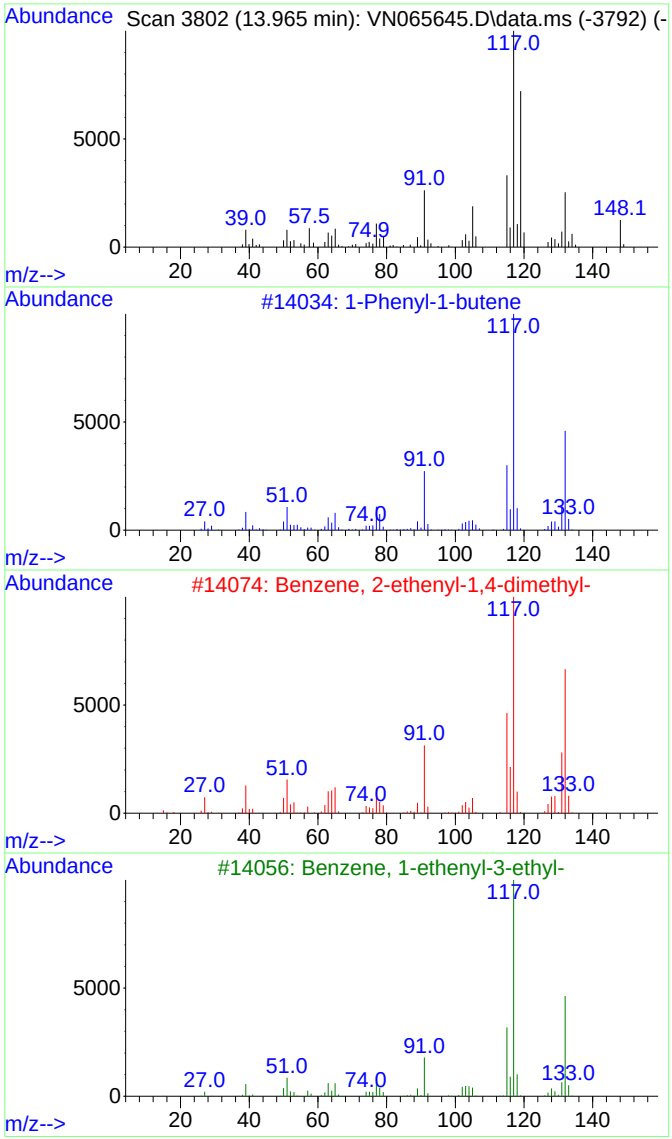
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

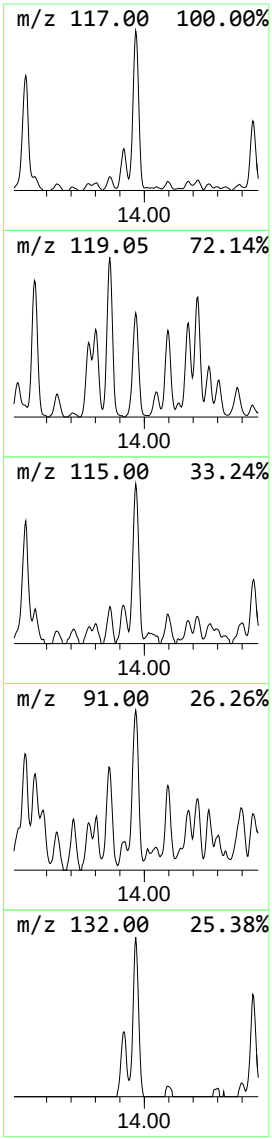
****

Peak Number 3 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	8.74 ug/l	150947	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP-110

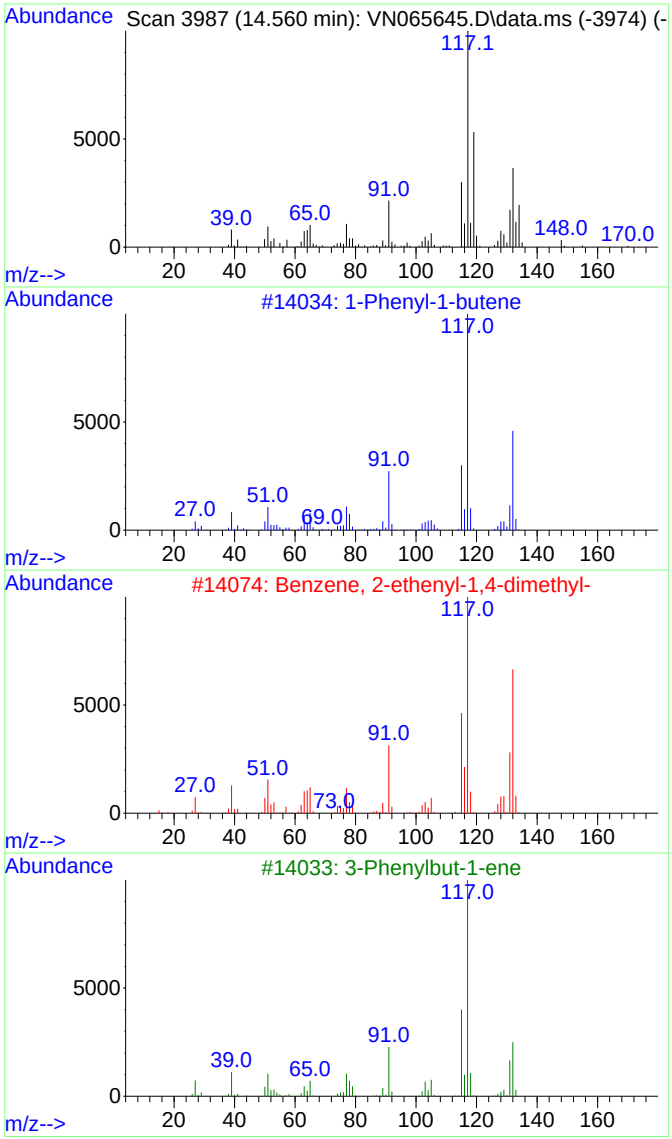
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

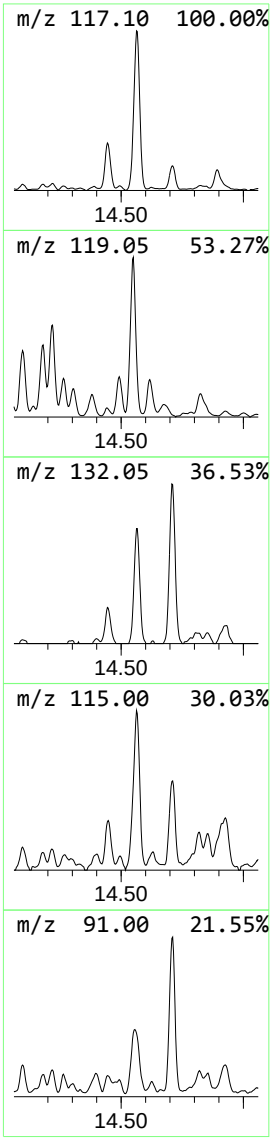
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.560	17.05 ug/l	294420	1,4-Dichlorobenzene-d4	13.312

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	89
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP-110

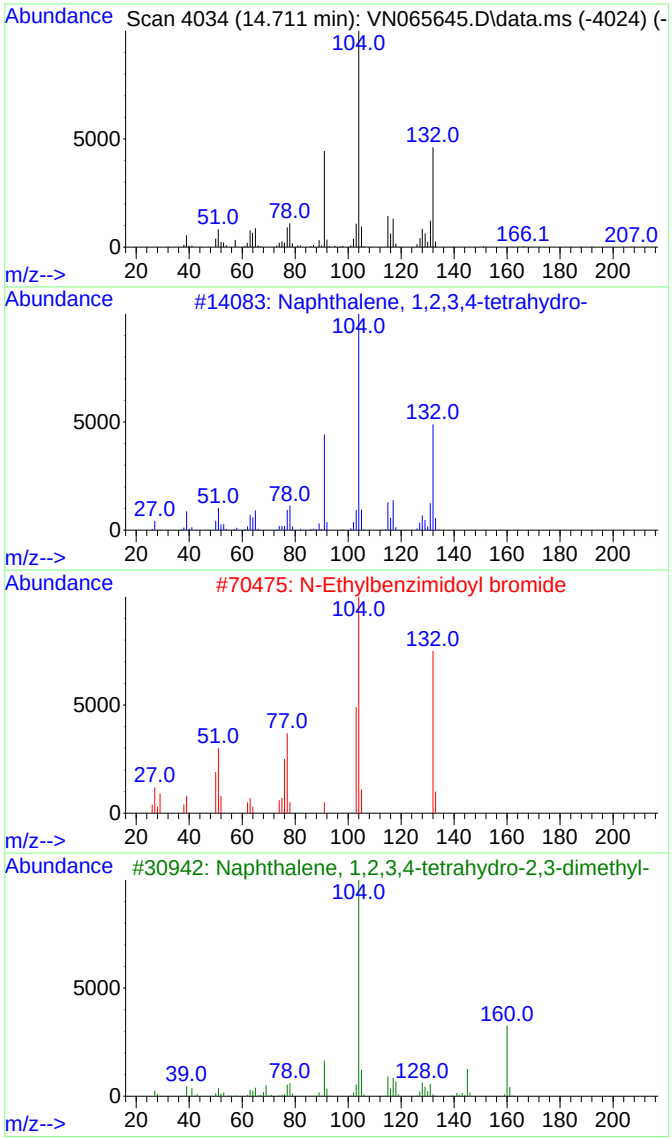
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

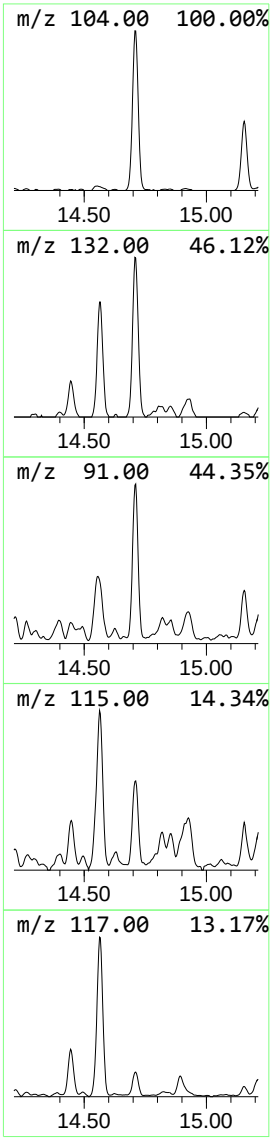
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.711	11.13 ug/l	192147	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	50
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	40
4	Acetic acid, trifluoro-, 2-pheny...	218	C10H9F3O2	055419-66-4	38
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP-110

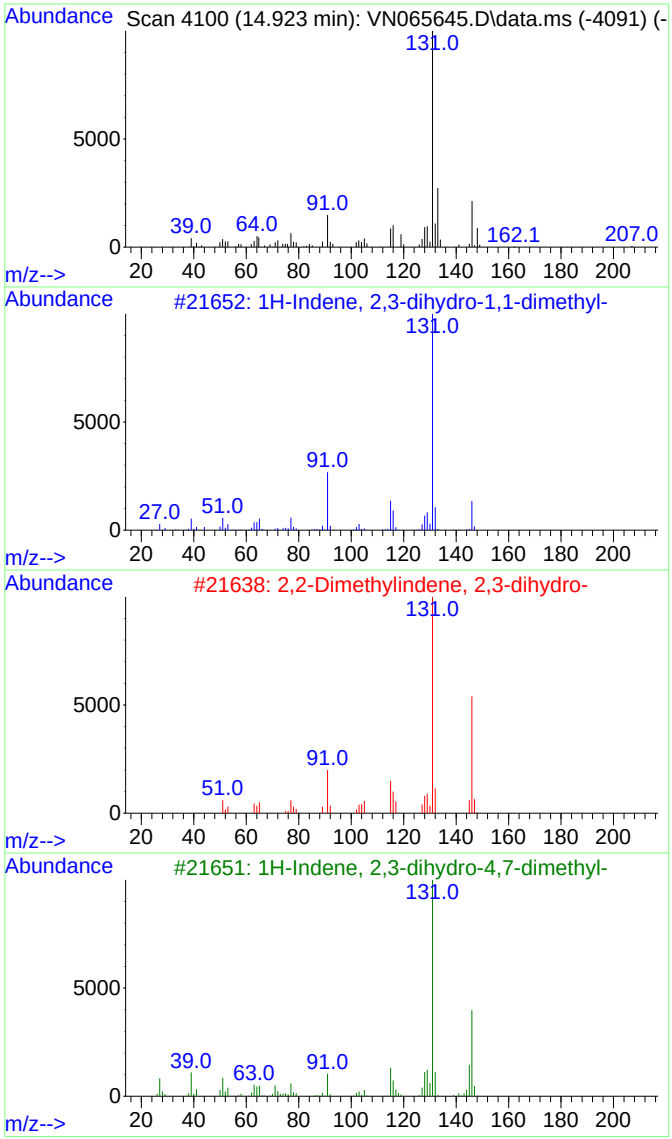
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

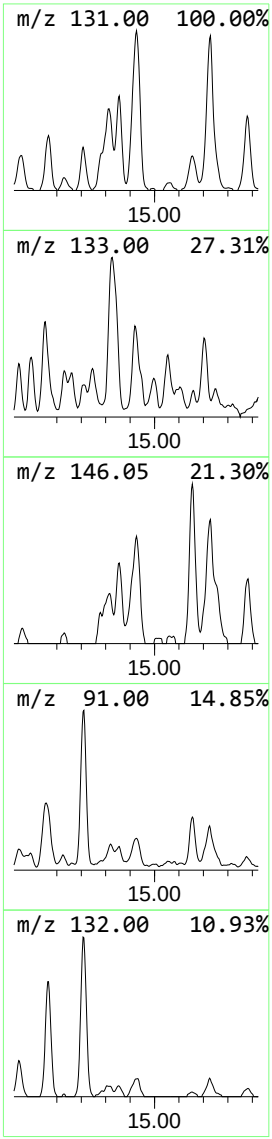
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.923	6.59 ug/l	113718	1,4-Dichlorobenzene-d4	13.312

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	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	74
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	72
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	72
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP-110

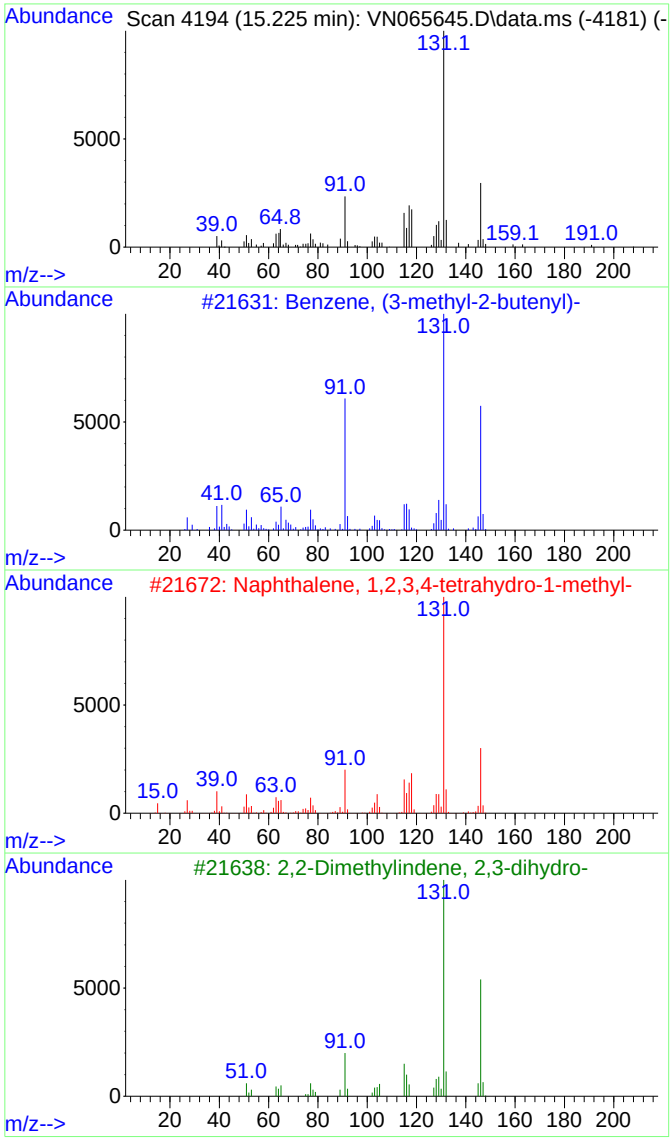
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

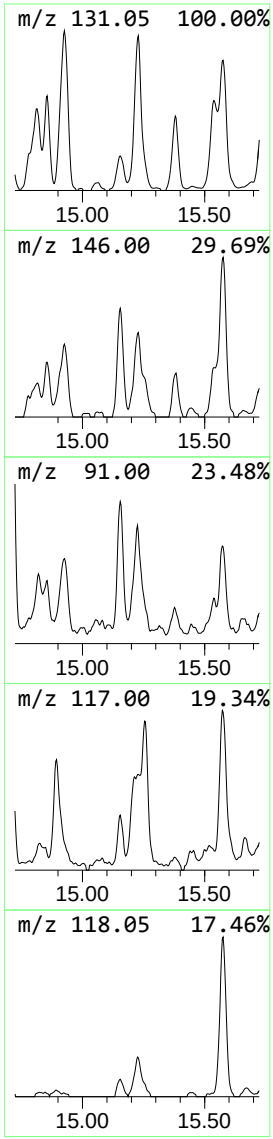
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (3-methyl-2-butenyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.225	9.36 ug/l	161543	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





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Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP-110

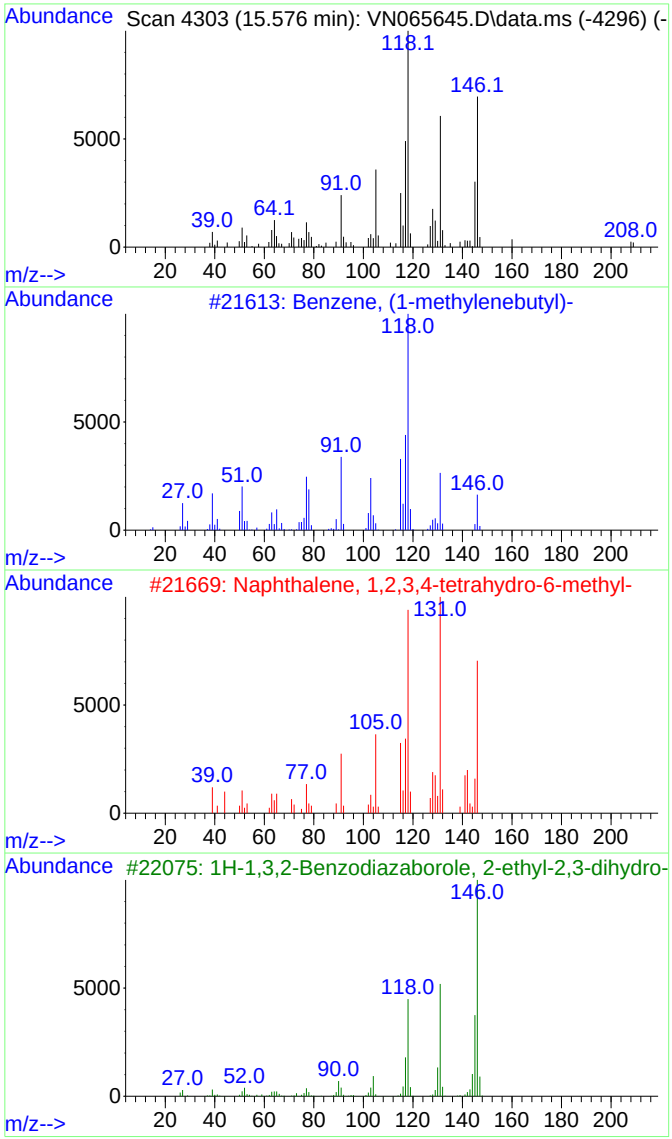
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

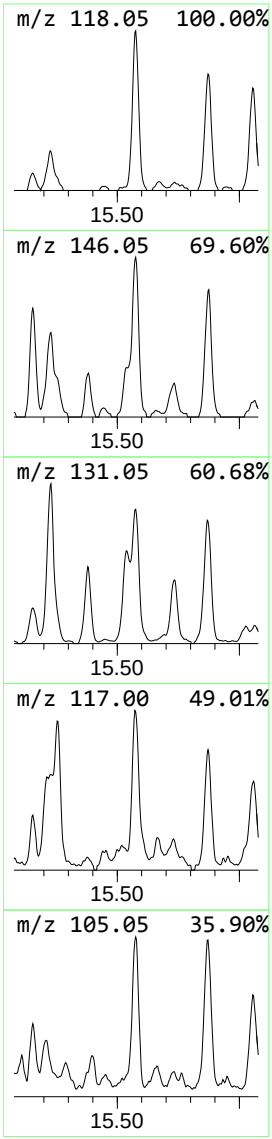
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1-methylenebutyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.576	8.90 ug/l	153678	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP-110

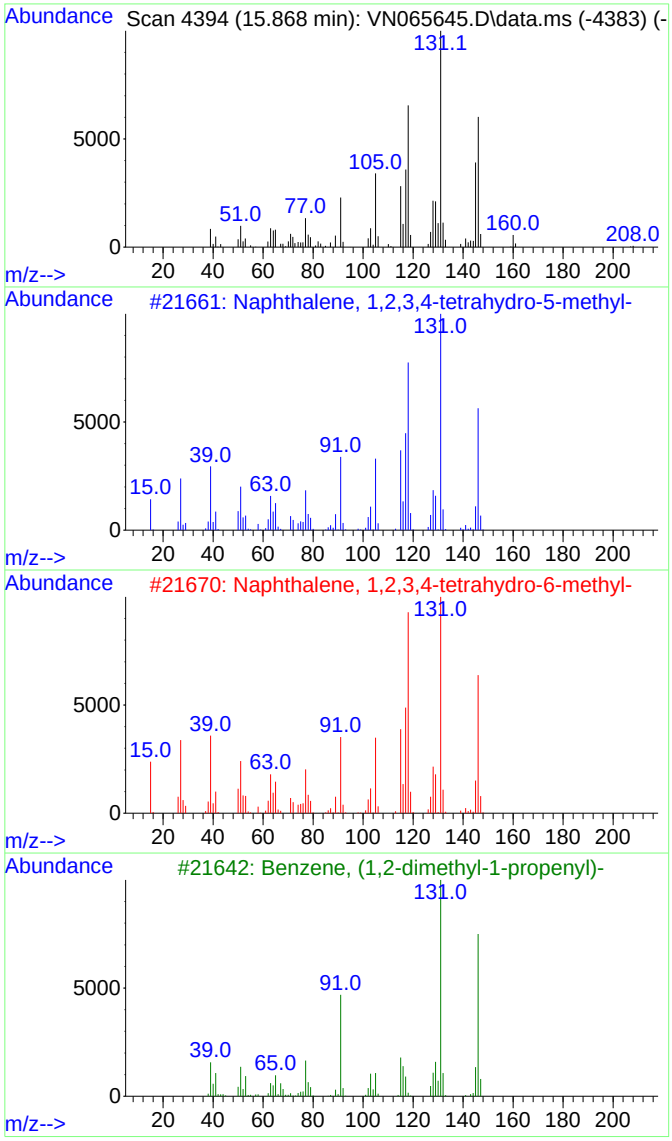
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

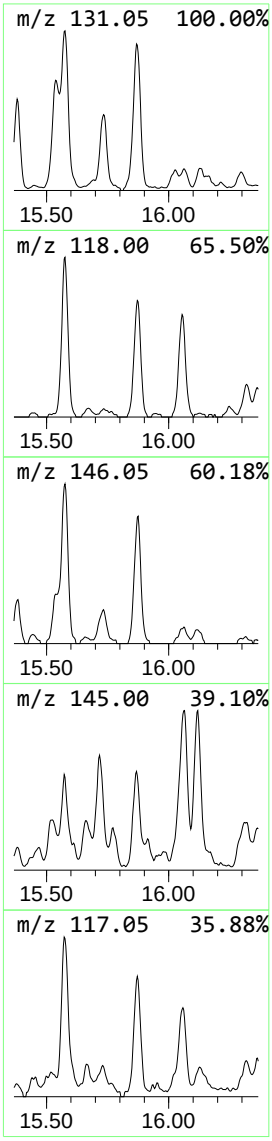
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.868	8.22 ug/l	141869	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	78
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
Data File : VN065645.D
Acq On : 28 Jan 2021 13:16
Operator : JC/MD
Sample : M1273-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP-110

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...	12.862	8.5	ug/l	146560	4	13.312	863352	50.0
Benzene, 1-ethe...	13.511	8.8	ug/l	152877	4	13.312	863352	50.0
1-Phenyl-1-butene	13.965	8.7	ug/l	150947	4	13.312	863352	50.0
Benzene, 2-ethe...	14.560	17.1	ug/l	294420	4	13.312	863352	50.0
Naphthalene, 1,...	14.711	11.1	ug/l	192147	4	13.312	863352	50.0
1H-Indene, 2,3-...	14.923	6.6	ug/l	113718	4	13.312	863352	50.0
Benzene, (3-met...	15.225	9.4	ug/l	161543	4	13.312	863352	50.0
Benzene, (1-met...	15.576	8.9	ug/l	153678	4	13.312	863352	50.0
Naphthalene, 1,...	15.868	8.2	ug/l	141869	4	13.312	863352	50.0