LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
Data File : VN068496.D
Acq On : 15 Sep 2021 20:22
Operator : JC/MD
Sample : M3759-19 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41094

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\82N090721W.M
Title : SW846 8260

Signal : TIC: VN068496.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.590	216	224	238	rVB	16458	26855	1.12%	0.122%
2	4.151	783	806	834	rBV2	42620	124464	5.18%	0.568%
3	7.316	1961	1986	2004	rBV	19885	57372	2.39%	0.262%
4	8.024	2224	2250	2261	rBV	344041	828154	34.50%	3.776%
5	8.088	2262	2274	2309	rVB2	689903	1592479	66.34%	7.261%
6	8.440	2385	2405	2433	rBV2	318436	751672	31.31%	3.427%
7	8.971	2584	2603	2629	rBV	835655	1788144	74.49%	8.154%
8	10.446	3134	3153	3172	rBV	1278665	2400483	100.00%	10.946%
9	11.140	3388	3412	3426	rBV2	24170	72187	3.01%	0.329%
10	11.747	3611	3638	3667	rBV	1136960	2139301	89.12%	9.755%
11	11.953	3698	3715	3735	rBV2	90907	182247	7.59%	0.831%
12	12.283	3817	3838	3856	rBV3	79754	147207	6.13%	0.671%
13	12.734	3989	4006	4027	rBV	910053	1583115	65.95%	7.219%
14	12.986	4085	4100	4108	rBV	160440	284780	11.86%	1.299%
15	13.061	4119	4128	4140	rVB	129363	215069	8.96%	0.981%
16	13.222	4173	4188	4204	rBV	113406	196450	8.18%	0.896%
17	13.372	4229	4244	4263	rBV	387471	643242	26.80%	2.933%
18	13.562	4304	4315	4326	rBV3	45654	71355	2.97%	0.325%
19	13.619	4326	4336	4343	rBV2	20281	30634	1.28%	0.140%
20	13.678	4343	4358	4382	rBV2	1067050	2171714	90.47%	9.903%
21	13.774	4389	4394	4405	rVB6	19011	24598	1.02%	0.112%
22	13.873	4409	4431	4439	rVV3	200735	418670	17.44%	1.909%
23	13.911	4440	4445	4467	rVB3	163045	281305	11.72%	1.283%
24	14.002	4467	4479	4491	rBV6	58243	100596	4.19%	0.459%
25	14.072	4494	4505	4516	rBV	79968	125063	5.21%	0.570%
26	14.131	4516	4527	4533	rBV2	108476	171724	7.15%	0.783%
27	14.160	4534	4538	4549	rVV	113703	154225	6.42%	0.703%
28	14.219	4549	4560	4572	rVB	151794	240792	10.03%	1.098%
29	14.281	4572	4583	4590	rBV	36713	60020	2.50%	0.274%
30	14.329	4590	4601	4614	rVB3	166727	282820	11.78%	1.290%
31	14.461	4639	4650	4661	rBV2	67036	113782	4.74%	0.519%
32	14.541	4663	4680	4686	rVV2	97211	182828	7.62%	0.834%
33	14.579	4687	4694	4704	rVV	174158	272580	11.36%	1.243%
34	14.624	4704	4711	4718	rVV4	50565	73964	3.08%	0.337%
35	14.662	4720	4725	4742	rVB4	34800	56070	2.34%	0.256%
36	14.764	4757	4763	4770	rVB2	33872	42415	1.77%	0.193%

LSC Area Percent Report

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Data File : VN068496.D
Acq On : 15 Sep 2021 20:22
Operator : JC/MD
Sample : M3759-19 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41094

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\82N090721W.M
Title : SW846 8260

37	14.812	4770	4781	4790	rBV2	163007	268128	11.17%	1.223%
38	14.930	4808	4825	4839	rBV4	384416	873979	36.41%	3.985%
39	15.086	4871	4883	4899	rVB	294657	512780	21.36%	2.338%
40	15.161	4903	4911	4912	rBV8	23969	24008	1.00%	0.109%
41	15.196	4915	4924	4933	rBV5	71965	117716	4.90%	0.537%
42	15.314	4956	4968	4987	rVB4	126861	294744	12.28%	1.344%
43	15.466	5014	5025	5034	rBV7	22197	47463	1.98%	0.216%
44	15.566	5049	5062	5072	rBV2	100229	183350	7.64%	0.836%
45	15.643	5074	5091	5110	rVB5	69322	229698	9.57%	1.047%
46	15.807	5137	5152	5167	rBV3	88447	182734	7.61%	0.833%
47	15.987	5197	5219	5220	rBV2	72153	121880	5.08%	0.556%
48	16.022	5223	5232	5253	rVB2	235520	469119	19.54%	2.139%
49	16.193	5282	5296	5313	rVB6	42492	98818	4.12%	0.451%
50	16.349	5334	5354	5376	rBV3	153094	359098	14.96%	1.637%
51	16.555	5418	5431	5443	rVV5	57473	122949	5.12%	0.561%
52	16.620	5447	5455	5488	rVB7	41492	116009	4.83%	0.529%

Sum of corrected areas: 21930849

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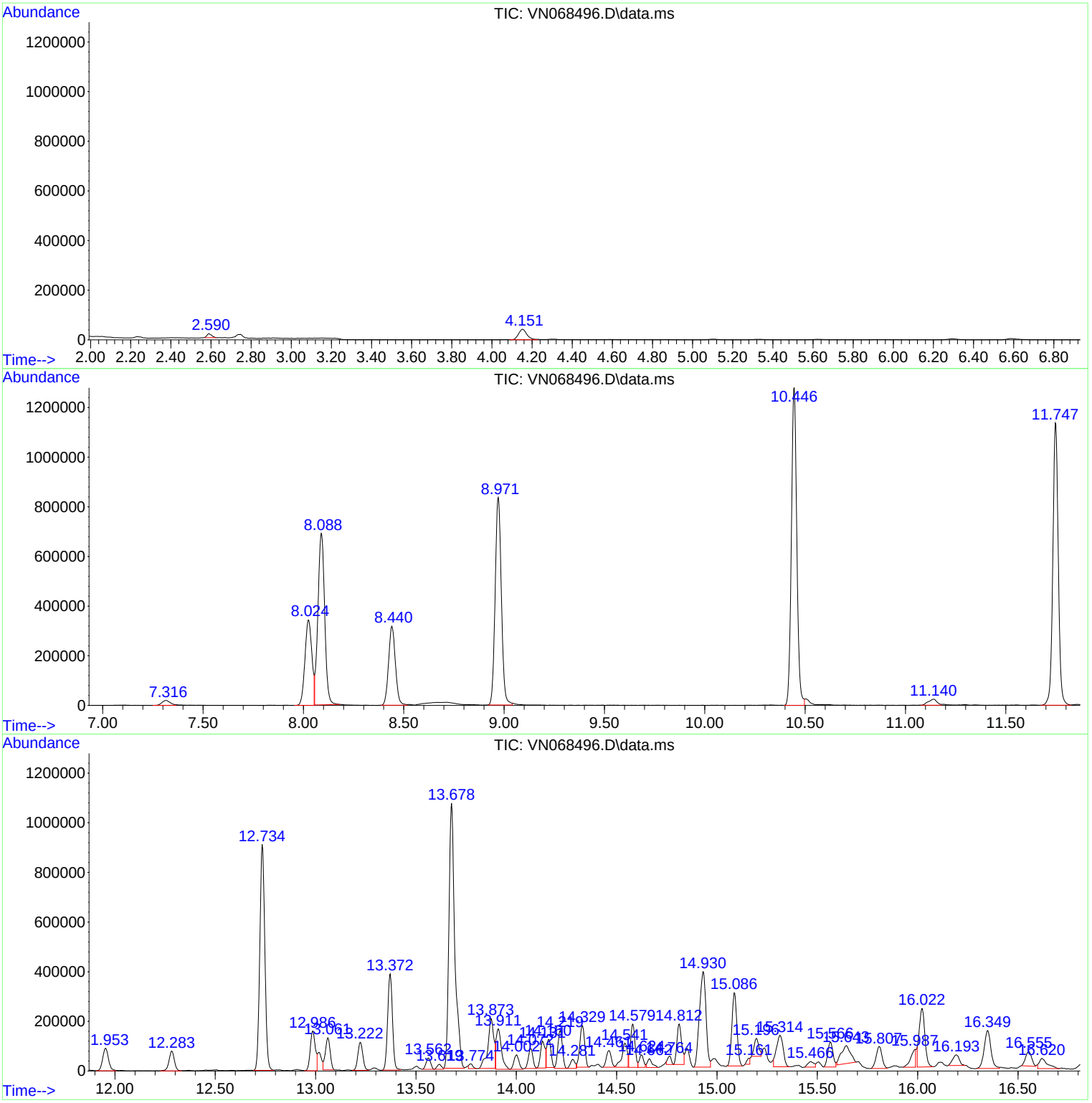
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41094

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
Data File : VN068496.D
Acq On : 15 Sep 2021 20:22
Operator : JC/MD
Sample : M3759-19 50X
Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
41094

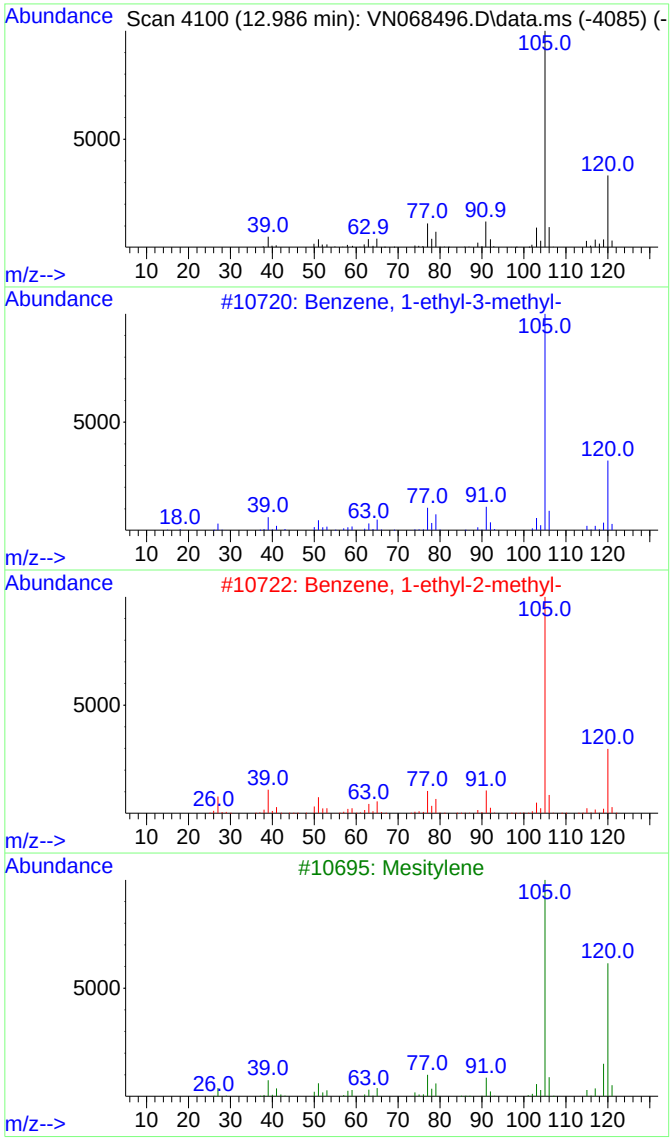
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

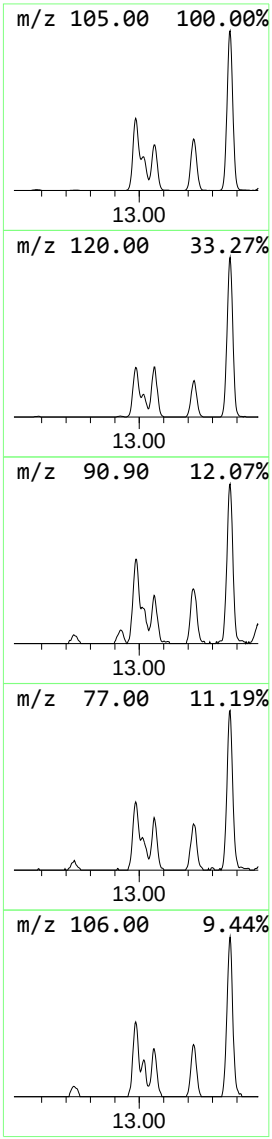
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	6.56 ug/l	284780	1,4-Dichlorobenzene-d4	13.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
Data File : VN068496.D
Acq On : 15 Sep 2021 20:22
Operator : JC/MD
Sample : M3759-19 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41094

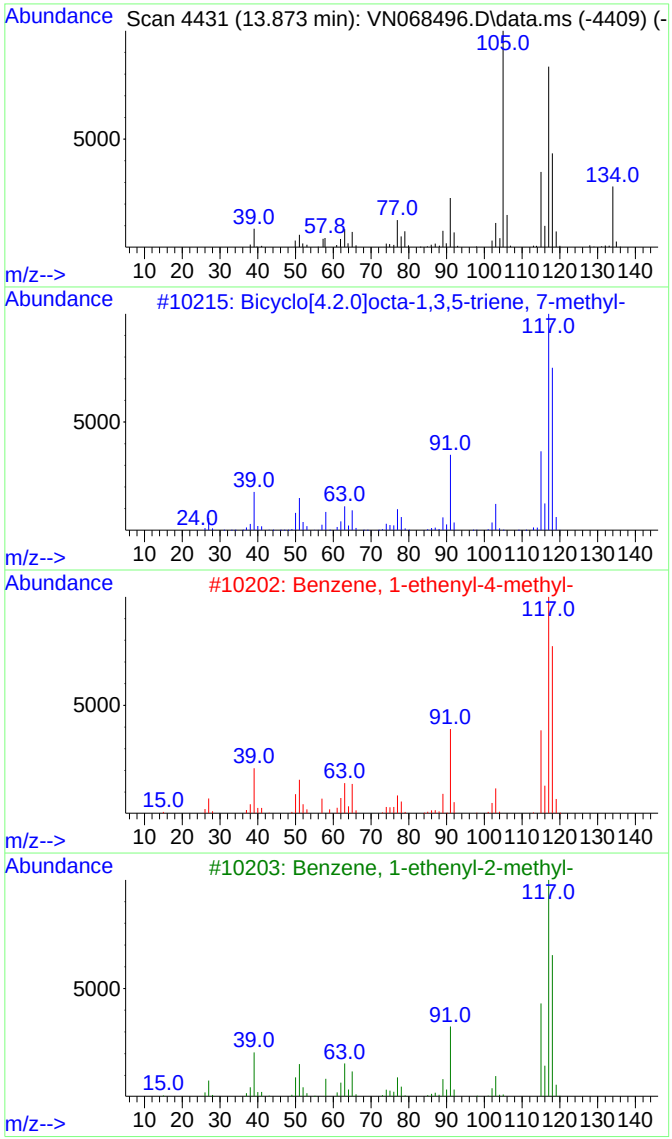
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

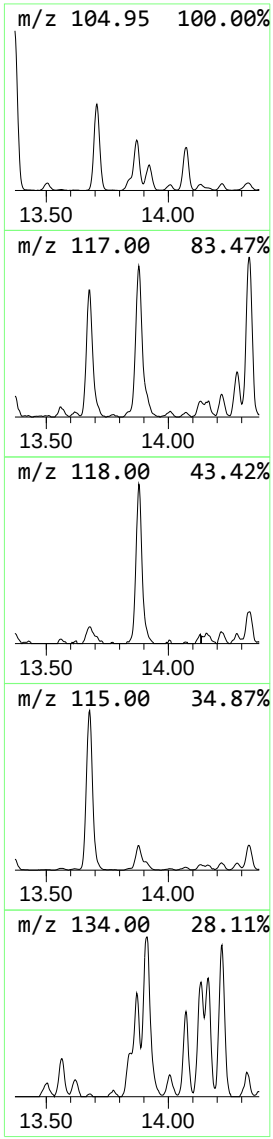
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	9.64 ug/l	418670	1,4-Dichlorobenzene-d4	13.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	83
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
Data File : VN068496.D
Acq On : 15 Sep 2021 20:22
Operator : JC/MD
Sample : M3759-19 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41094

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

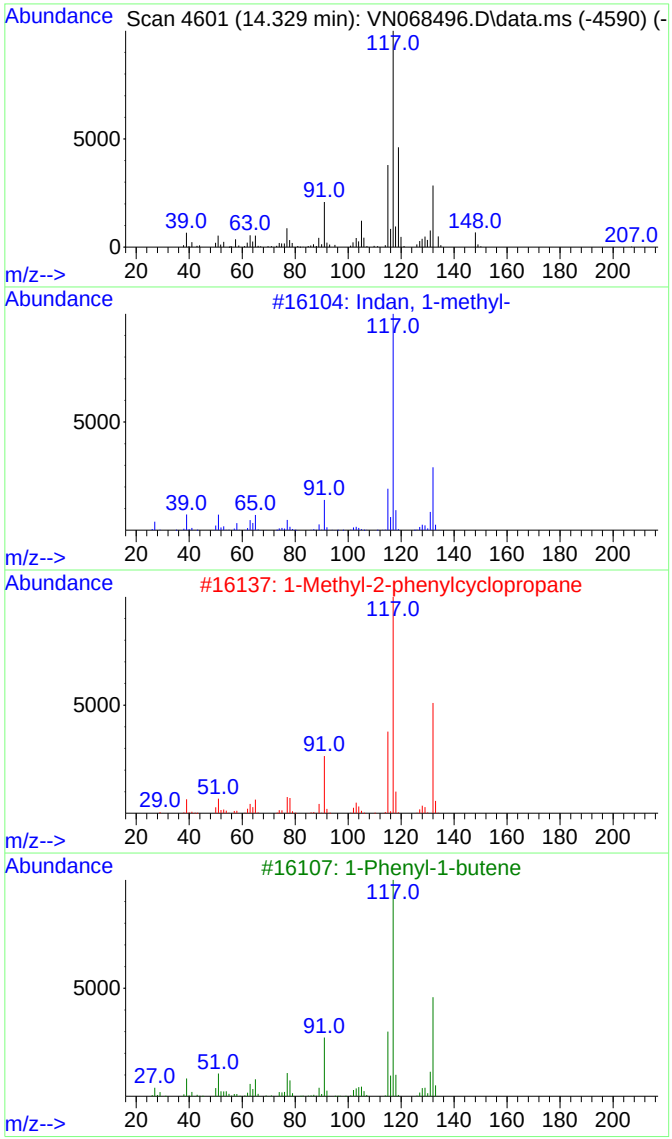
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

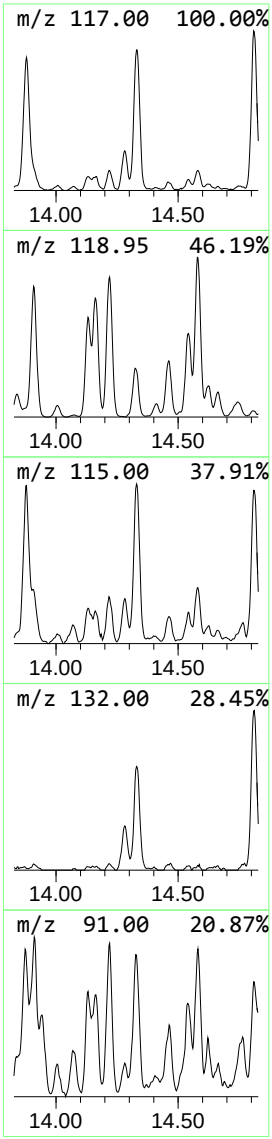
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	6.51 ug/l	282820	1,4-Dichlorobenzene-d4	13.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	70
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	64
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	62
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	58
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
Data File : VN068496.D
Acq On : 15 Sep 2021 20:22
Operator : JC/MD
Sample : M3759-19 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41094

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

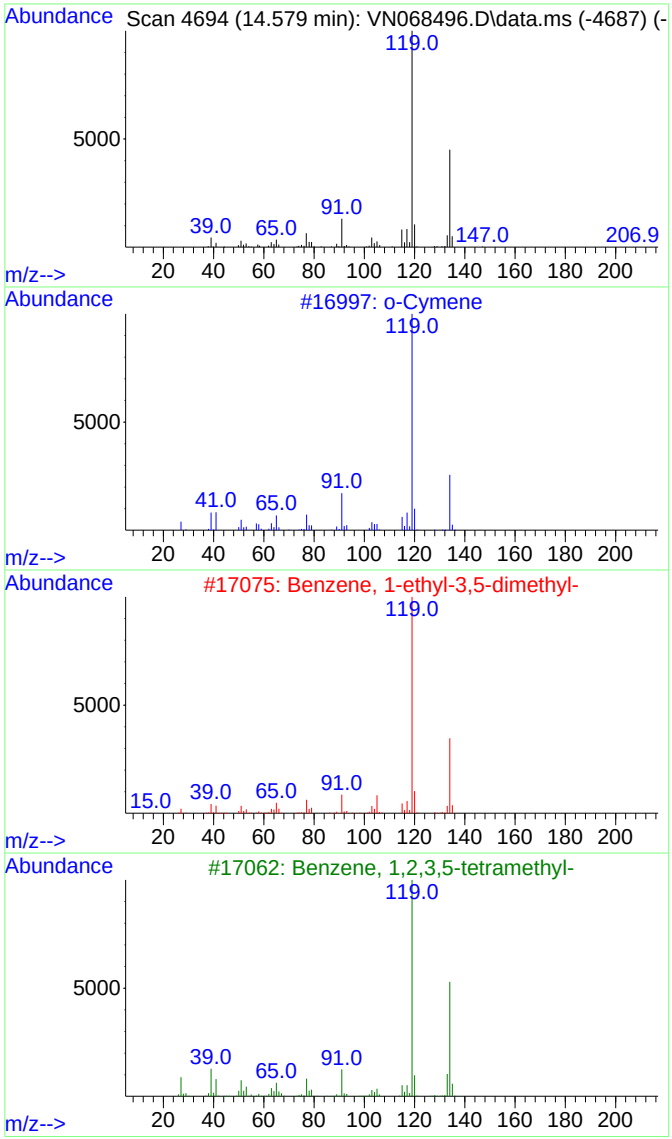
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

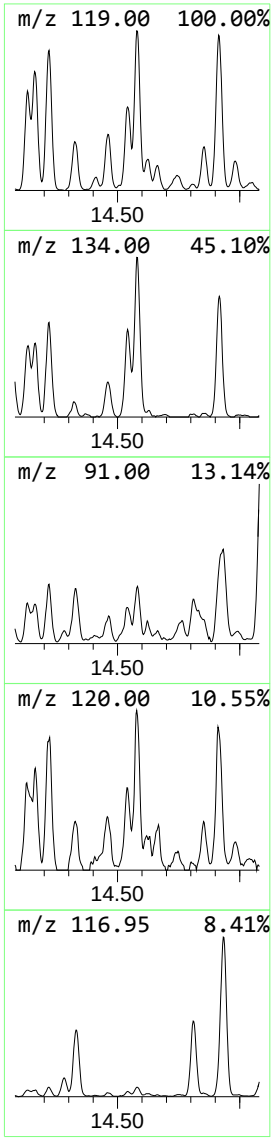
****

Peak Number 4 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.579	6.28 ug/l	272580	1,4-Dichlorobenzene-d4	13.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
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Acq On : 15 Sep 2021 20:22
Operator : JC/MD
Sample : M3759-19 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41094

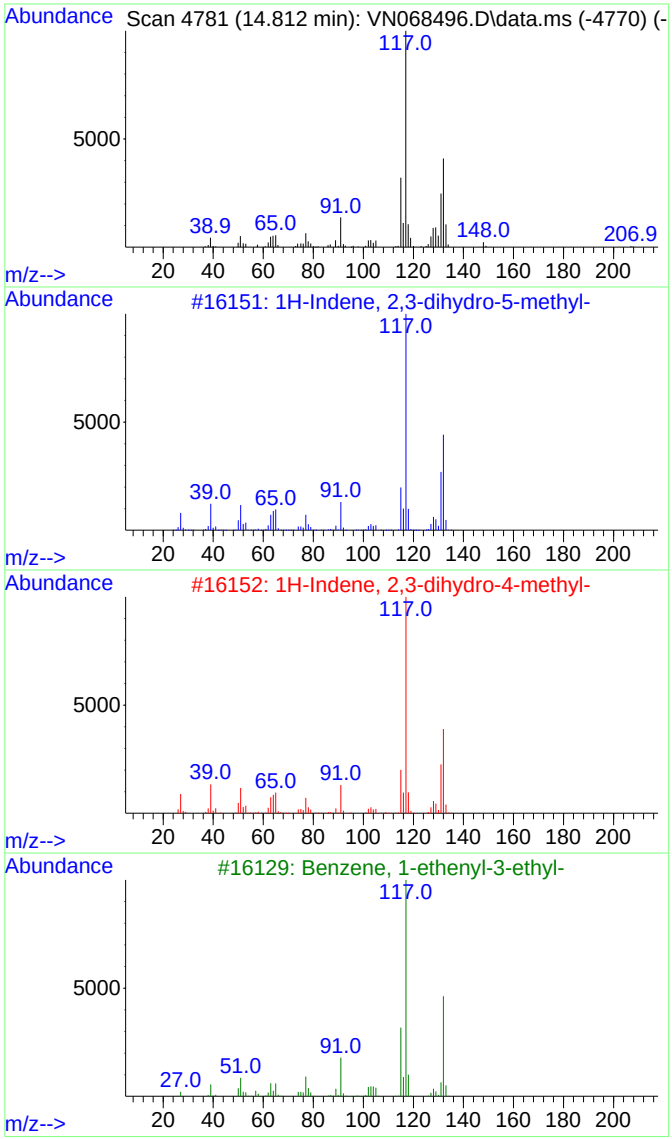
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

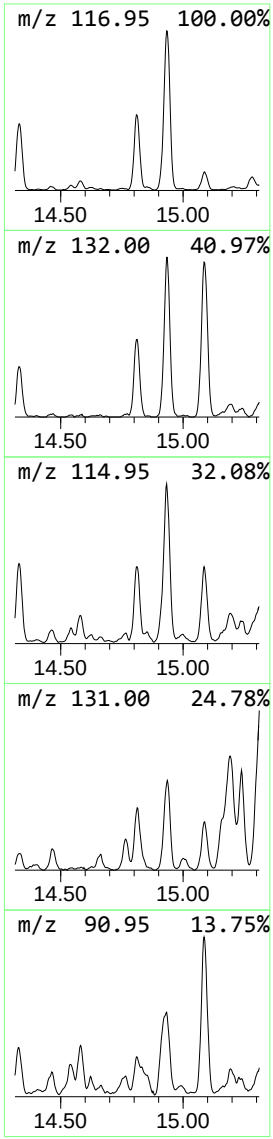
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.812	6.17 ug/l	268128	1,4-Dichlorobenzene-d4	13.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80





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Sample : M3759-19 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41094

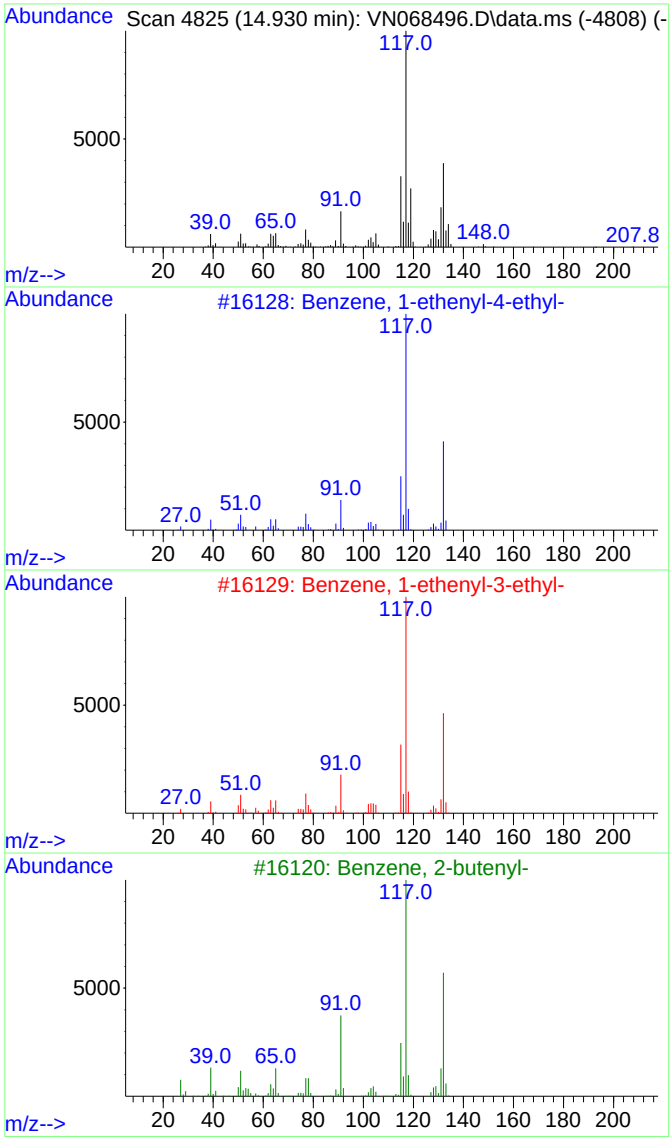
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

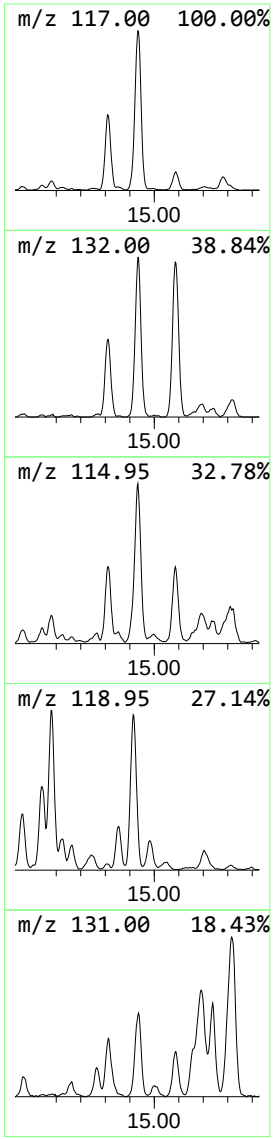
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.930	20.12 ug/l	873979	1,4-Dichlorobenzene-d4	13.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	81





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41094

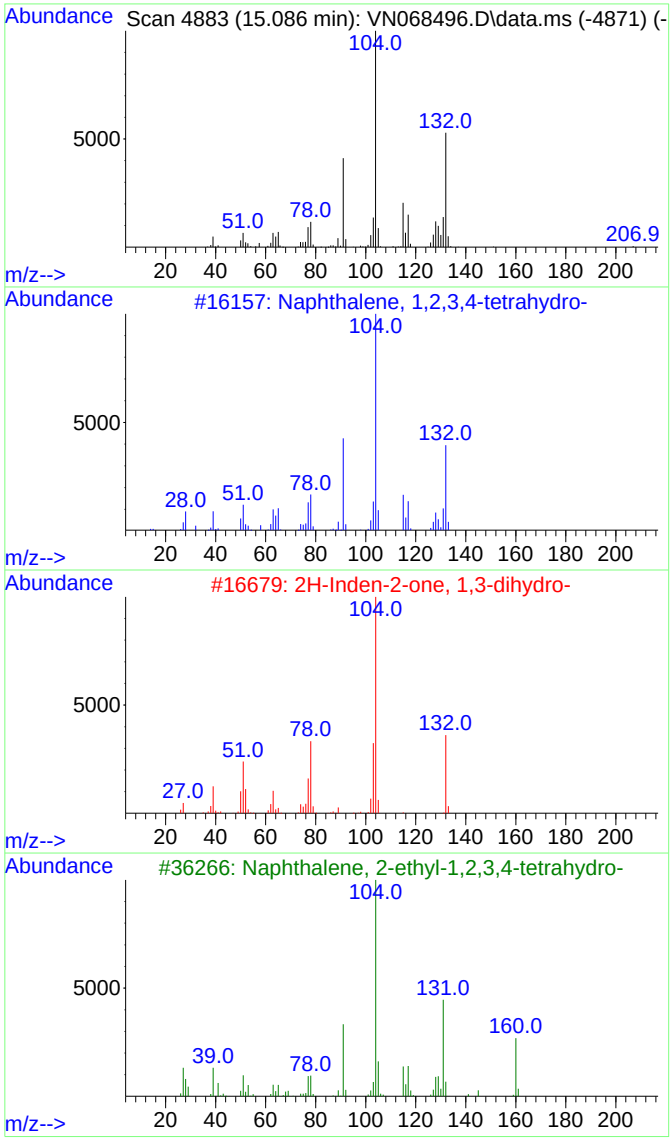
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

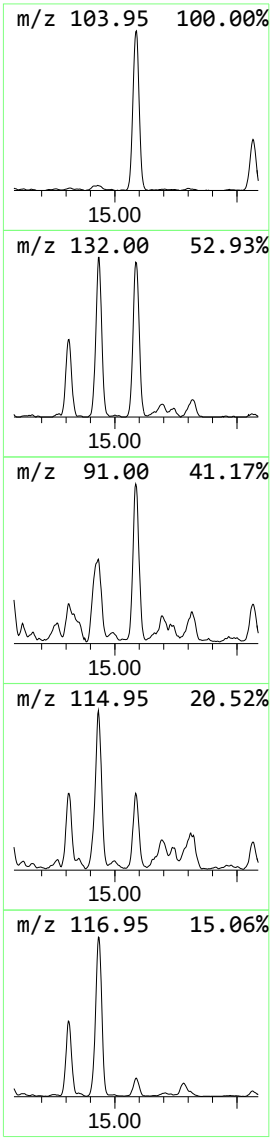
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	11.81 ug/l	512780	1,4-Dichlorobenzene-d4	13.678

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	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35





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Data File : VN068496.D
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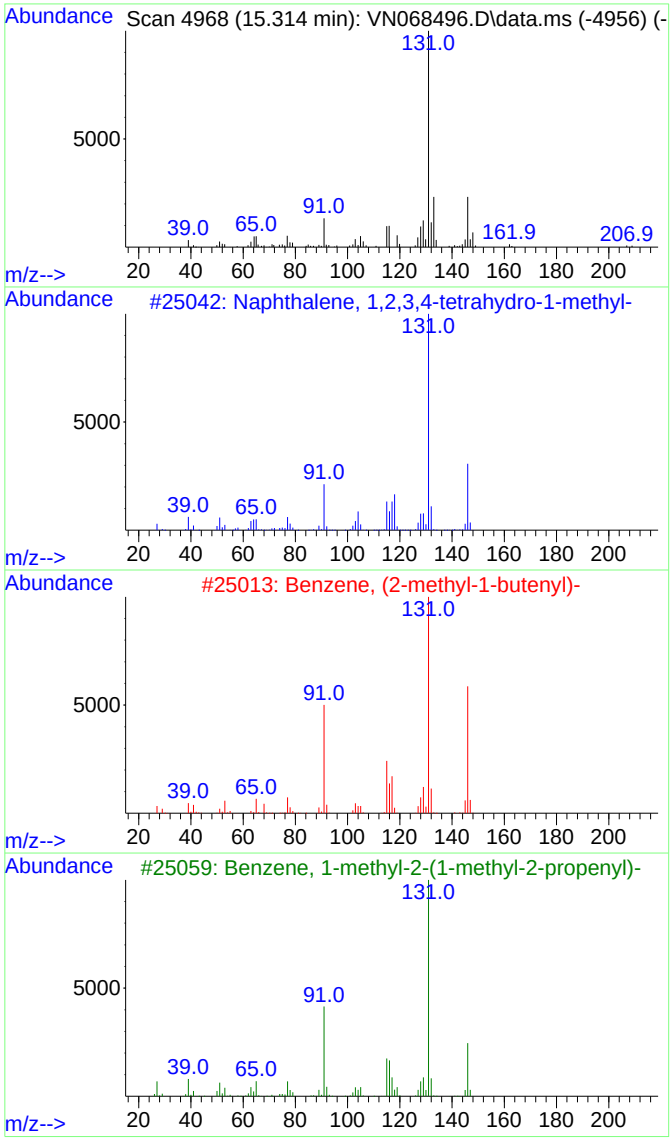
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

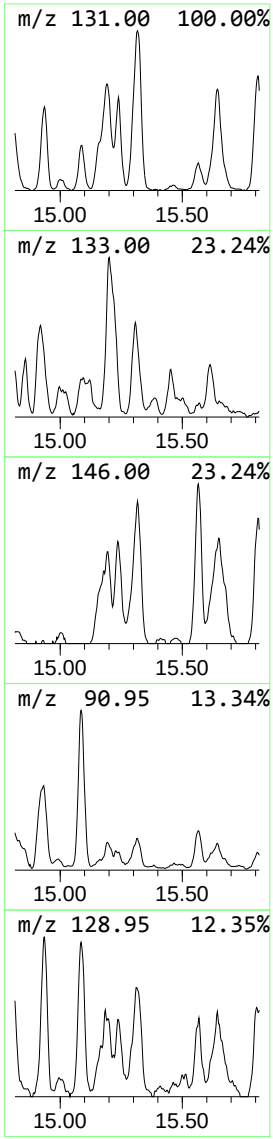
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.314	6.79 ug/l	294744	1,4-Dichlorobenzene-d4	13.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83





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Data File : VN068496.D
Acq On : 15 Sep 2021 20:22
Operator : JC/MD
Sample : M3759-19 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41094

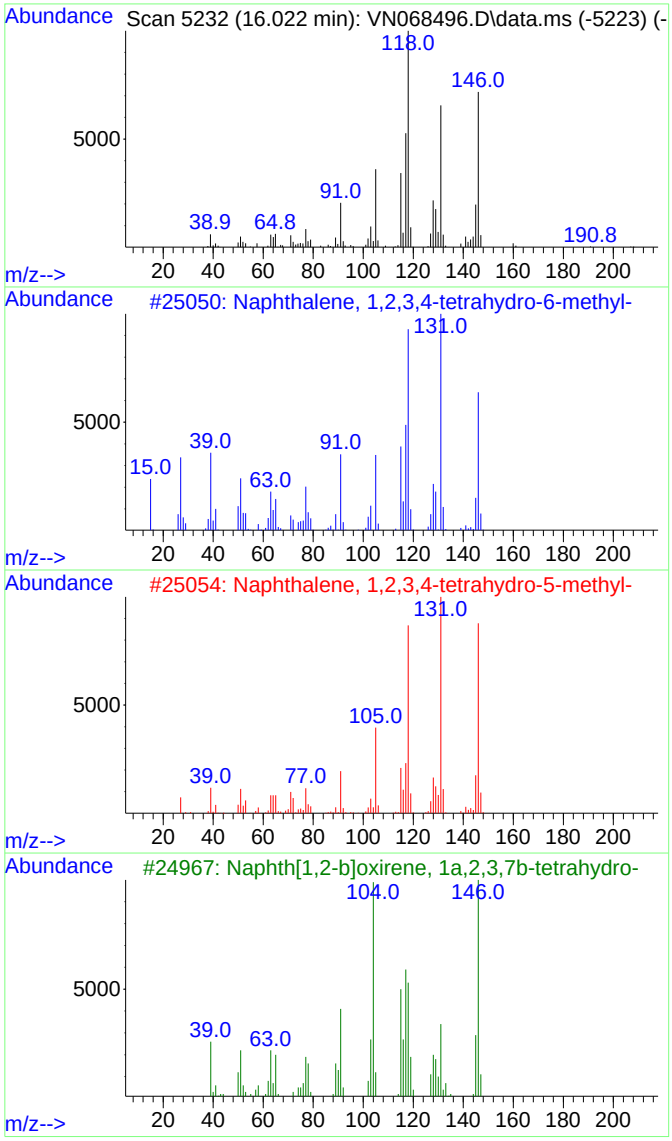
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

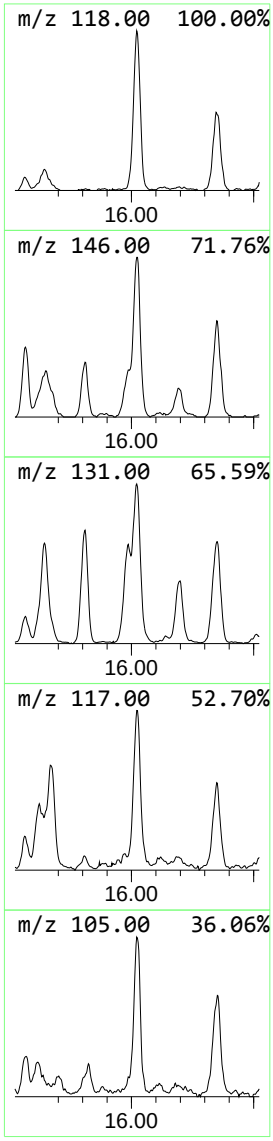
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.022	10.80 ug/l	469119	1,4-Dichlorobenzene-d4	13.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	74
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	53
4	Propanoic acid, 2-methyl-, 3-phe...	206	C13H18O2	000103-58-2	35
5	Butanoic acid, 3-phenylpropyl ester	206	C13H18O2	007402-29-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
Data File : VN068496.D
Acq On : 15 Sep 2021 20:22
Operator : JC/MD
Sample : M3759-19 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41094

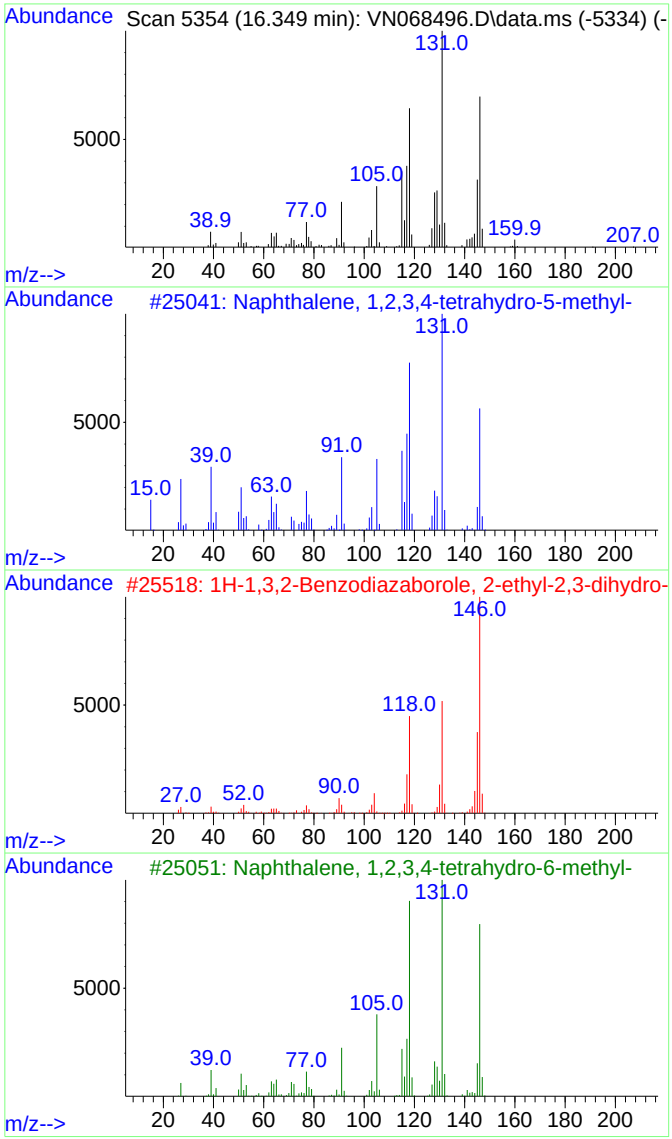
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

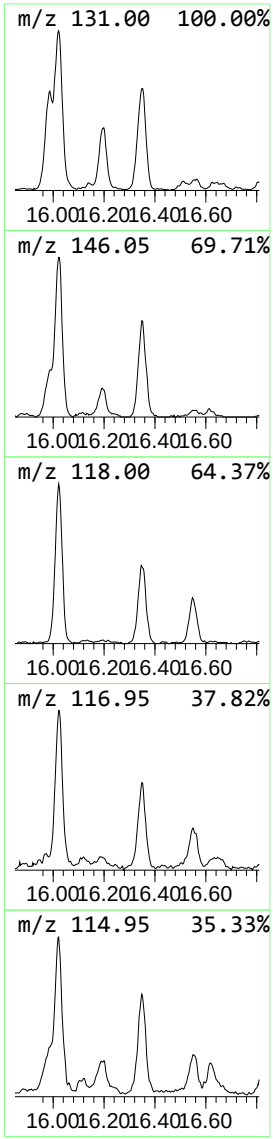
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.349	8.27 ug/l	359098	1,4-Dichlorobenzene-d4	13.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	89
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
Data File : VN068496.D
Acq On : 15 Sep 2021 20:22
Operator : JC/MD
Sample : M3759-19 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41094

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	12.986	6.6	ug/l	284780	4	13.678	2171710	50.0
Bicyclo[4.2.0]o...	13.873	9.6	ug/l	418670	4	13.678	2171710	50.0
Indan, 1-methyl-	14.329	6.5	ug/l	282820	4	13.678	2171710	50.0
o-Cymene	14.579	6.3	ug/l	272580	4	13.678	2171710	50.0
1H-Indene, 2,3-...	14.812	6.2	ug/l	268128	4	13.678	2171710	50.0
Benzene, 1-ethe...	14.930	20.1	ug/l	873979	4	13.678	2171710	50.0
Naphthalene, 1,...	15.086	11.8	ug/l	512780	4	13.678	2171710	50.0
Naphthalene, 1,...	15.314	6.8	ug/l	294744	4	13.678	2171710	50.0
Naphthalene, 1,...	16.022	10.8	ug/l	469119	4	13.678	2171710	50.0
Naphthalene, 1,...	16.349	8.3	ug/l	359098	4	13.678	2171710	50.0