LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069639.D
Acq On : 24 Nov 2021 13:50
Operator : JC/MD
Sample : M4815-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

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\82N110921W.M
Title : SW846 8260

Signal : TIC: VN069639.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.317	106	122	135	rBV2	122086	405173	2.15%	0.276%
2	7.147	1906	1923	1945	rVB4	68632	196304	1.04%	0.134%
3	8.024	2226	2250	2260	rBV2	1067141	2551599	13.55%	1.741%
4	8.086	2261	2273	2303	rVB	2147317	4922065	26.14%	3.359%
5	8.437	2384	2404	2434	rBV	1282188	3016802	16.02%	2.059%
6	8.968	2582	2602	2625	rBV	3099832	6493493	34.49%	4.431%
7	9.459	2754	2785	2801	rBV3	339292	802852	4.26%	0.548%
8	10.440	3132	3151	3184	rBV	4971081	9554233	50.75%	6.519%
9	11.744	3618	3637	3661	rBV	4880896	8861289	47.07%	6.047%
10	11.843	3663	3674	3698	rVB3	209046	437550	2.32%	0.299%
11	11.956	3701	3716	3740	rBV2	303085	732731	3.89%	0.500%
12	12.280	3813	3837	3858	rBV6	110531	383332	2.04%	0.262%
13	12.578	3937	3948	3960	rBV	291627	464319	2.47%	0.317%
14	12.731	3990	4005	4026	rBV	3882637	6807008	36.15%	4.645%
15	12.919	4061	4075	4087	rVB	493529	849397	4.51%	0.580%
16	12.980	4087	4098	4104	rBV	575527	911001	4.84%	0.622%
17	13.015	4106	4111	4118	rVV	629506	883709	4.69%	0.603%
18	13.058	4119	4127	4140	rVB	755416	1225593	6.51%	0.836%
19	13.219	4171	4187	4202	rBV	807231	1442845	7.66%	0.985%
20	13.367	4230	4242	4268	rVB	2472981	4076595	21.65%	2.782%
21	13.495	4275	4290	4302	rBV3	273733	595194	3.16%	0.406%
22	13.560	4304	4314	4324	rBV3	252857	402533	2.14%	0.275%
23	13.613	4324	4334	4342	rBV2	241597	377077	2.00%	0.257%
24	13.675	4343	4357	4384	rVB2	4688943	10021766	53.23%	6.838%
25	13.772	4385	4393	4403	rVB	133266	207152	1.10%	0.141%
26	13.839	4406	4418	4422	rBV	611683	911470	4.84%	0.622%
27	13.873	4423	4431	4438	rBV3	880346	1251314	6.65%	0.854%
28	13.999	4467	4478	4490	rBV4	464225	785632	4.17%	0.536%
29	14.069	4495	4504	4514	rVB	336107	482023	2.56%	0.329%
30	14.128	4516	4526	4532	rBV	731655	1177133	6.25%	0.803%
31	14.214	4548	4558	4571	rVB	1935056	2921348	15.52%	1.993%
32	14.278	4573	4582	4588	rVV	410152	614570	3.26%	0.419%
33	14.324	4589	4599	4612	rVB2	2106218	3527908	18.74%	2.407%
34	14.461	4638	4650	4660	rBV3	936674	1574769	8.36%	1.075%
35	14.539	4661	4679	4687	rVV	2037357	3698779	19.65%	2.524%
36	14.576	4687	4693	4703	rVV	1445685	2104697	11.18%	1.436%

LSC Area Percent Report

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Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Title : SW846 8260

37	14.619	4703	4709	4717	rVB2	391449	490132	2.60%	0.334%
38	14.809	4769	4780	4790	rBV3	1589041	2713493	14.41%	1.852%
39	14.922	4806	4822	4837	rBV3	4413609	10530818	55.93%	7.186%
40	15.083	4872	4882	4895	rBV2	706946	1235623	6.56%	0.843%
41	15.193	4914	4923	4932	rBV5	1286369	2086010	11.08%	1.423%
42	15.308	4954	4966	4983	rVB3	1980888	4680720	24.86%	3.194%
43	15.467	5012	5025	5026	rBV3	506748	742147	3.94%	0.506%
44	15.504	5029	5039	5052	rVB	2570813	4744580	25.20%	3.237%
45	15.611	5069	5079	5090	rBV3	804225	1476798	7.84%	1.008%
46	15.802	5135	5150	5166	rBV	1667863	3498602	18.58%	2.387%
47	15.979	5207	5216	5250	rVB2	1317590	4335949	23.03%	2.959%
48	16.108	5254	5264	5276	rVV2	626529	1121191	5.96%	0.765%
49	16.185	5280	5293	5308	rVB4	942094	2195327	11.66%	1.498%
50	16.341	5336	5351	5385	rBV5	824183	2200803	11.69%	1.502%
51	16.614	5438	5453	5487	rVB	8266562	18827332	100.00%	12.847%

Sum of corrected areas: 146550780

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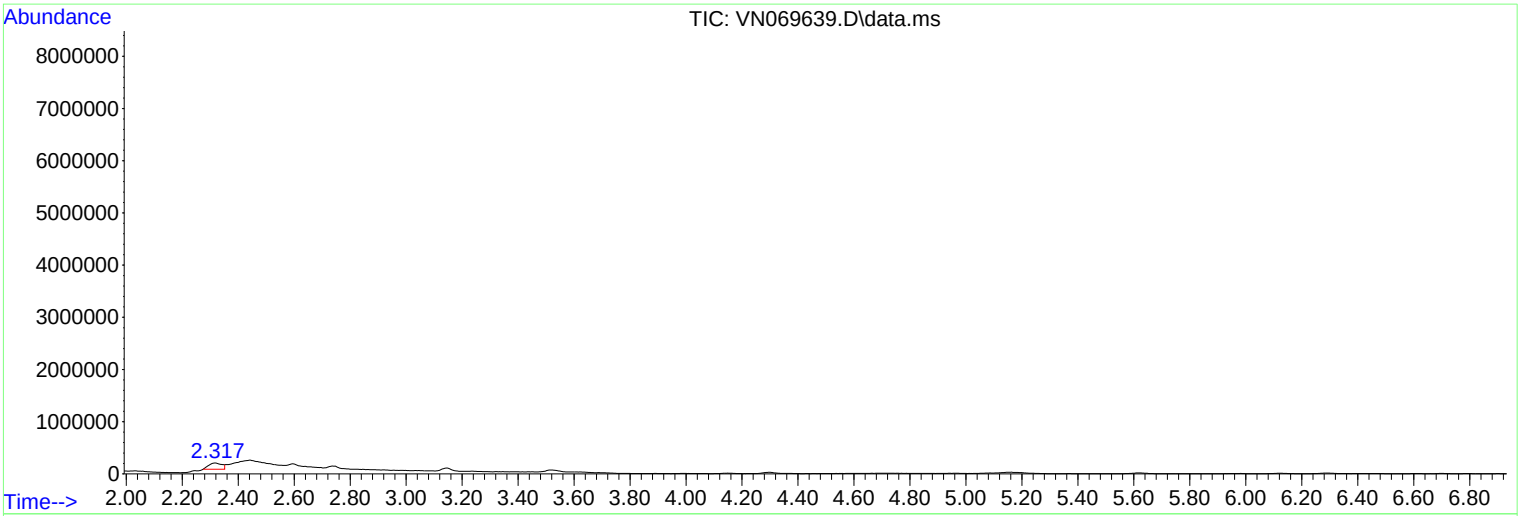
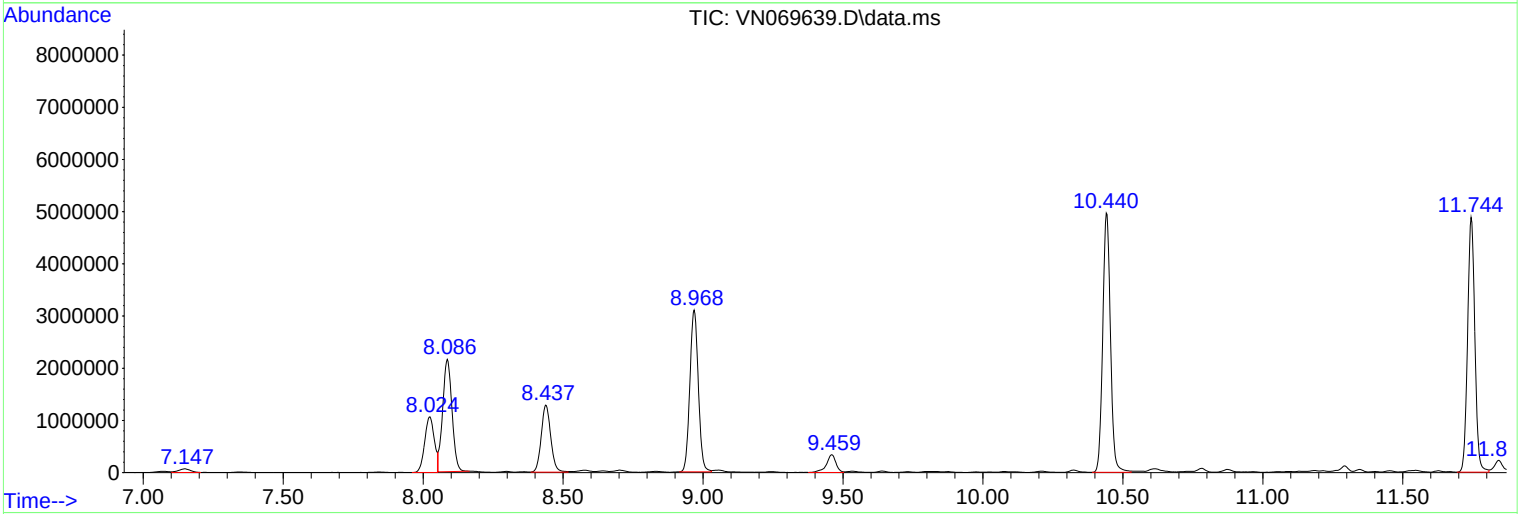
ALS Vial : 8 Sample Multiplier: 1

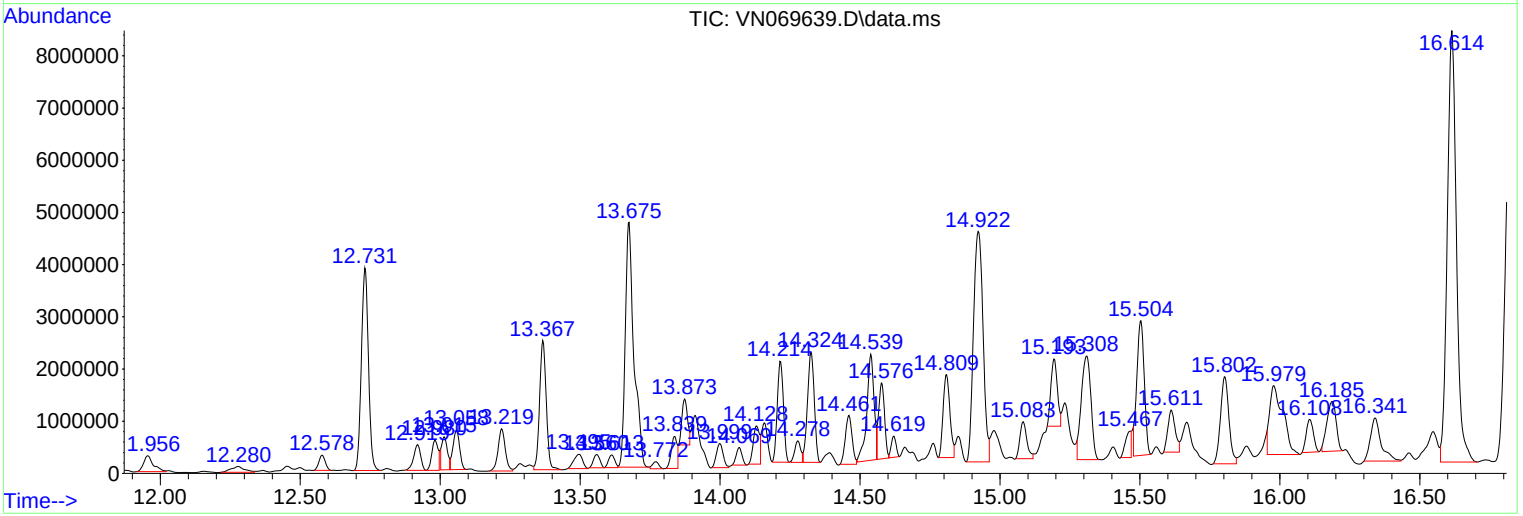
Instrument :
MSVOA_N
ClientSampleId :
MW-5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

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







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Data File : VN069639.D
Acq On : 24 Nov 2021 13:50
Operator : JC/MD
Sample : M4815-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

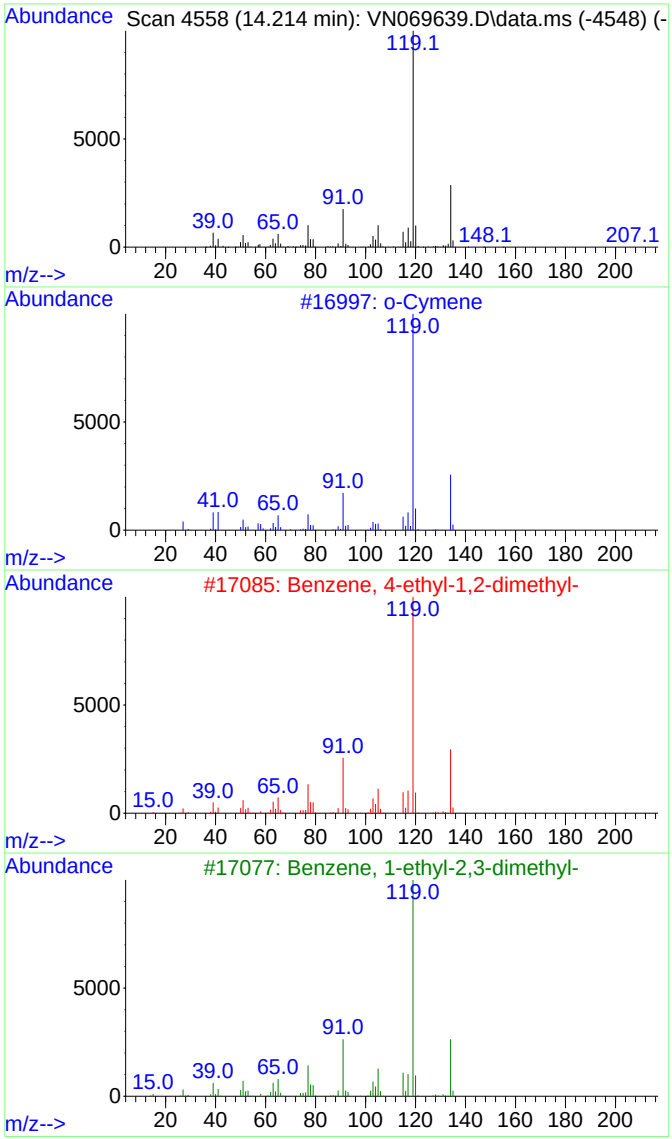
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

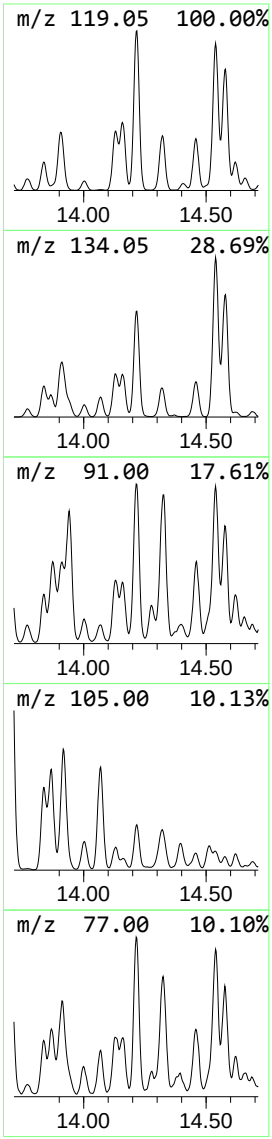
****

Peak Number 1 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.214	14.57 ug/l	2921350	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069639.D
Acq On : 24 Nov 2021 13:50
Operator : JC/MD
Sample : M4815-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

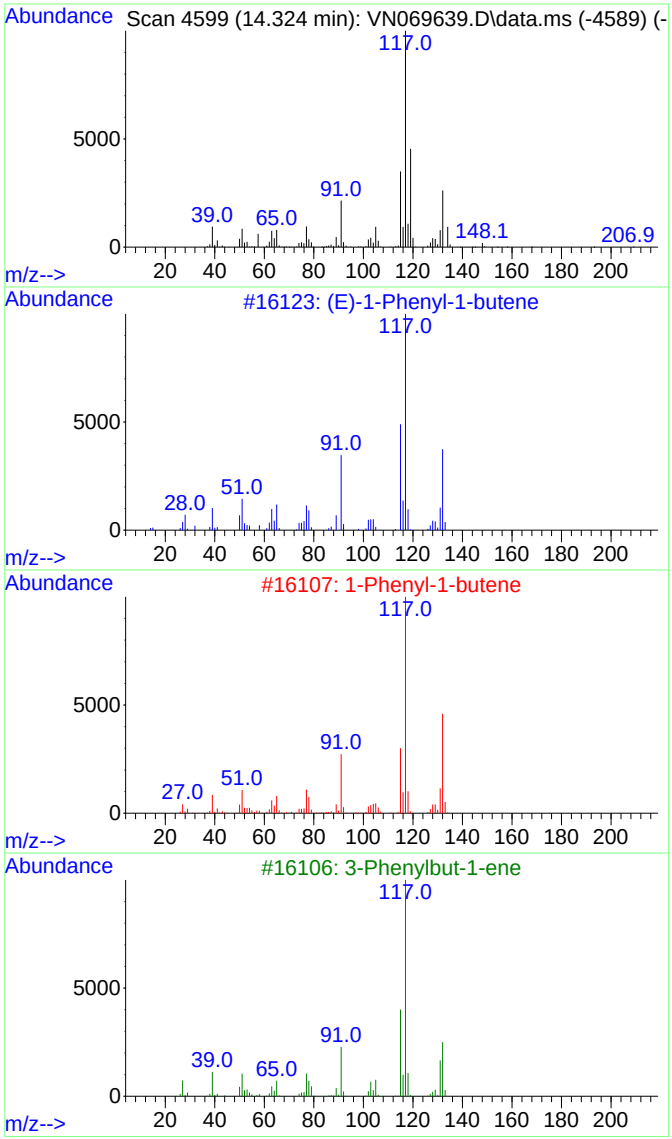
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

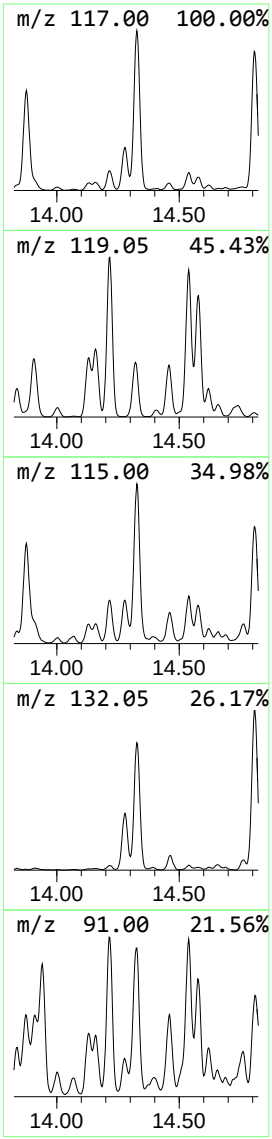
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (E)-1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.324	17.60 ug/l	3527910	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069639.D
Acq On : 24 Nov 2021 13:50
Operator : JC/MD
Sample : M4815-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

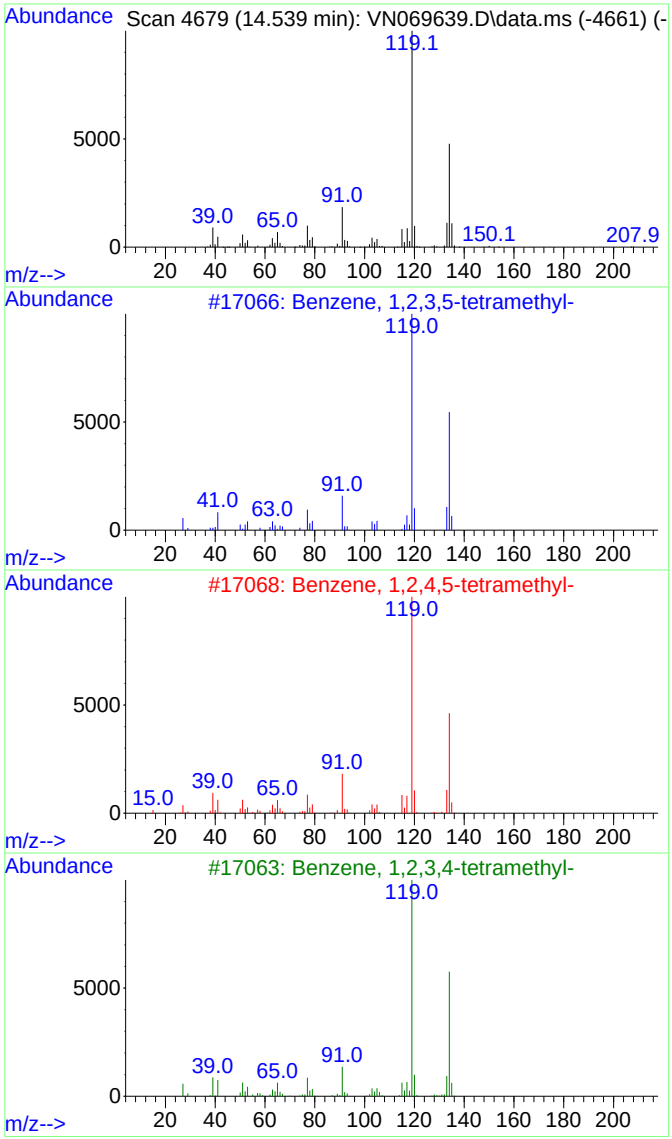
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

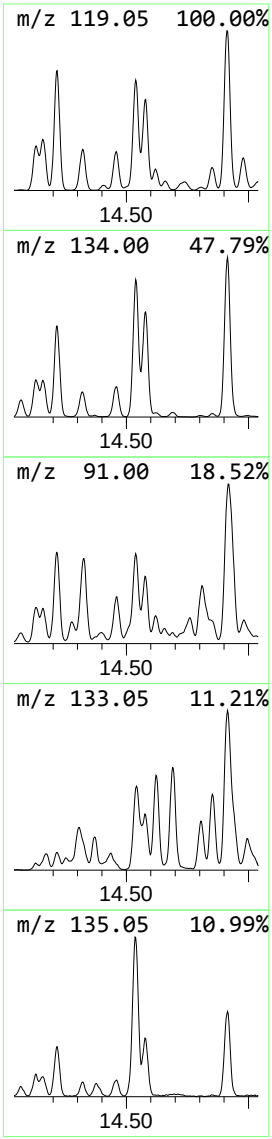
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	18.45 ug/l	3698780	1,4-Dichlorobenzene-d4	13.675

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	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
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Sample : M4815-02
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

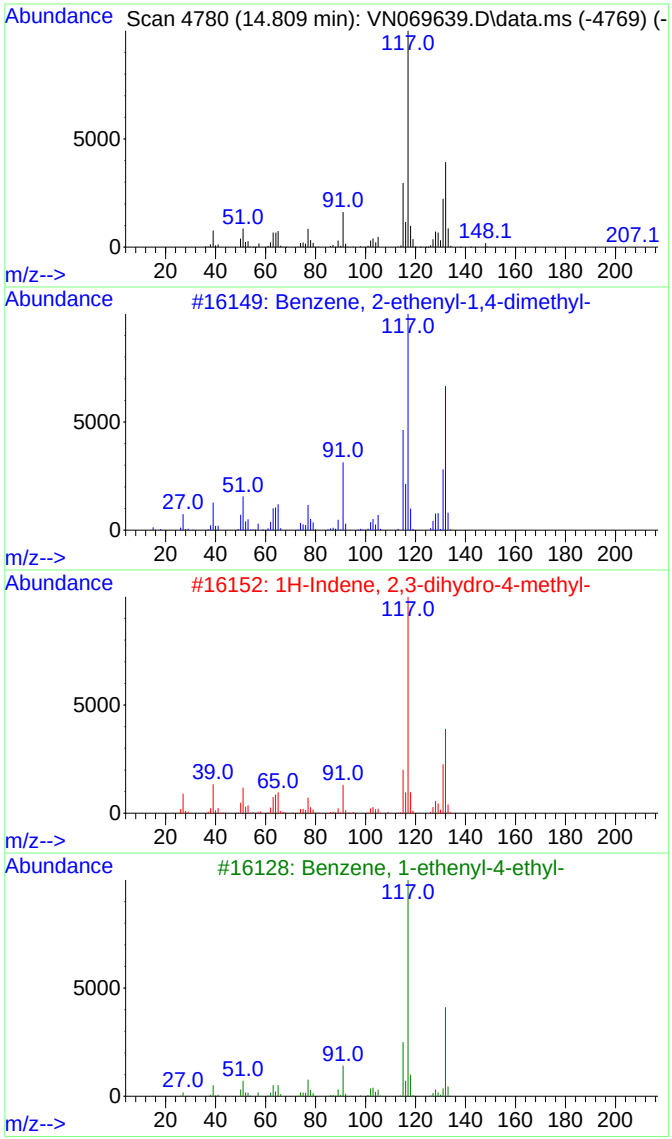
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

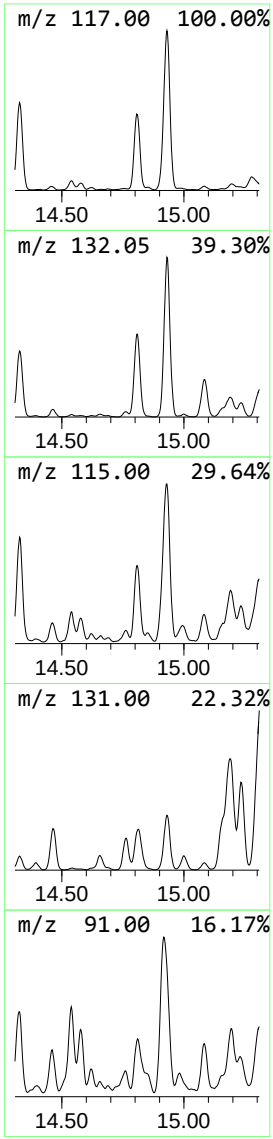
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.809	13.54 ug/l	2713490	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





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Data File : VN069639.D
Acq On : 24 Nov 2021 13:50
Operator : JC/MD
Sample : M4815-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
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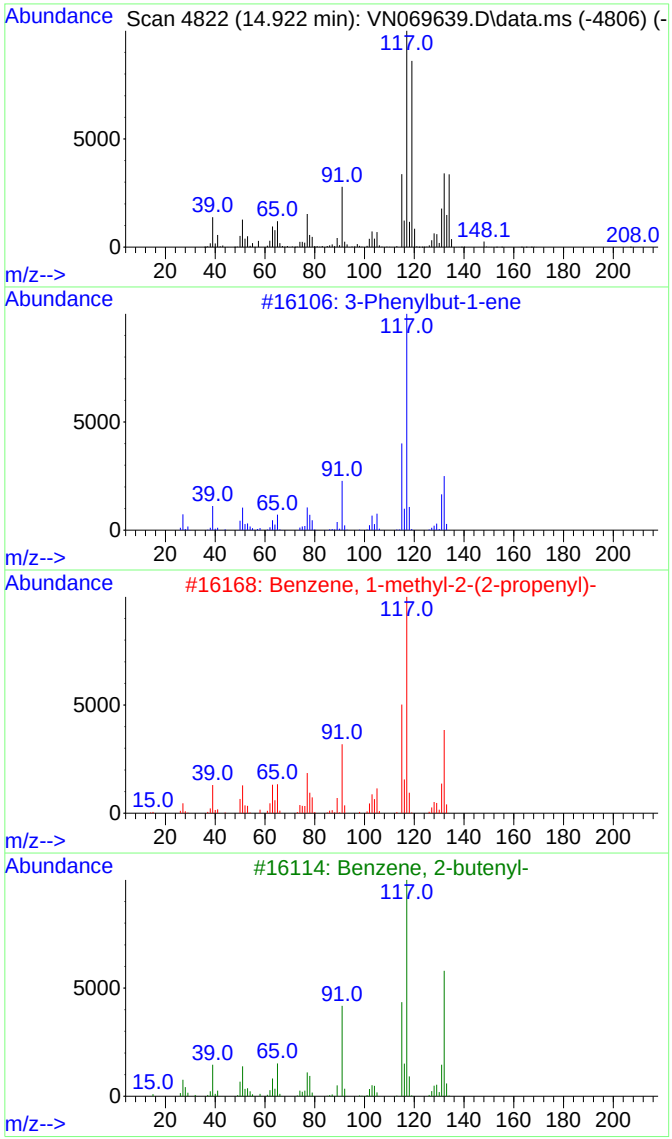
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

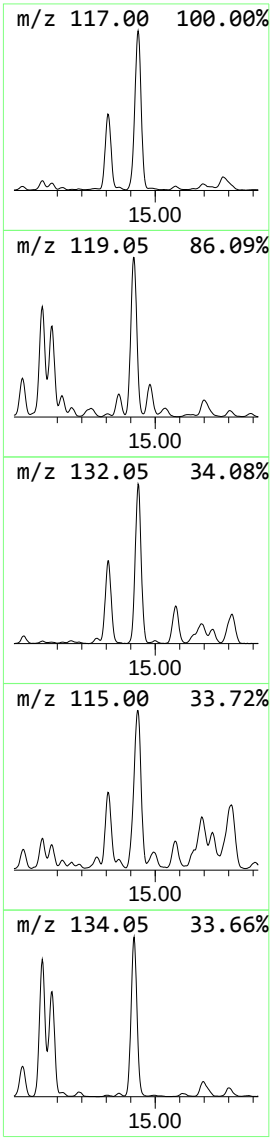
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Phenylbut-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	52.54 ug/l	10530800	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	55





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MSVOA_N
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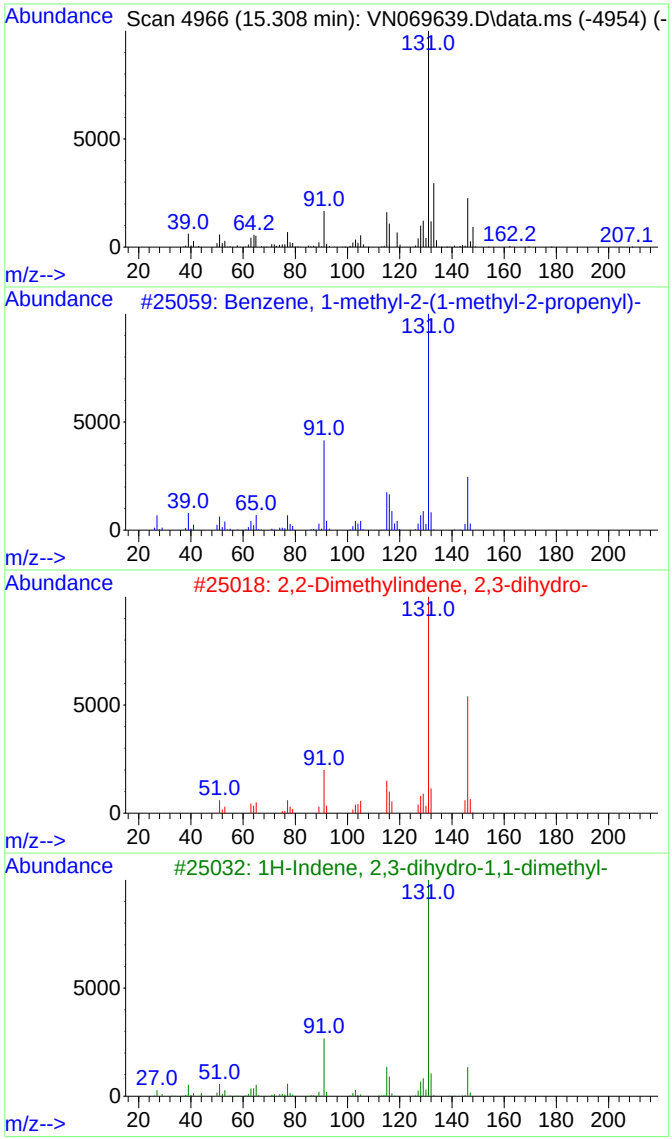
Quant Title : SW846 8260

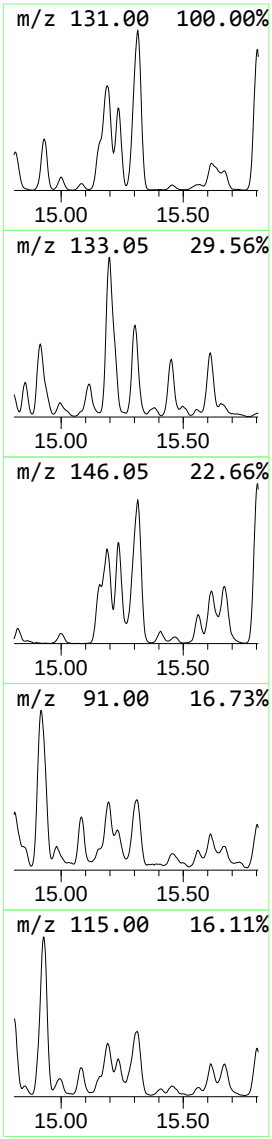
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.308	23.35 ug/l	4680720	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069639.D
Acq On : 24 Nov 2021 13:50
Operator : JC/MD
Sample : M4815-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

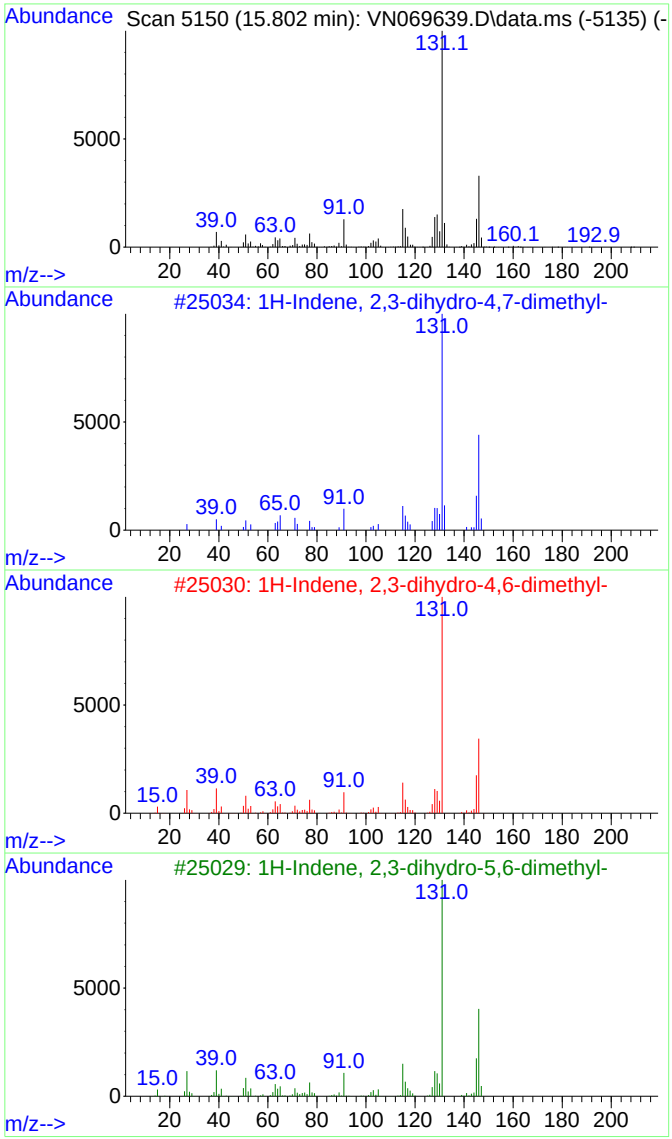
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

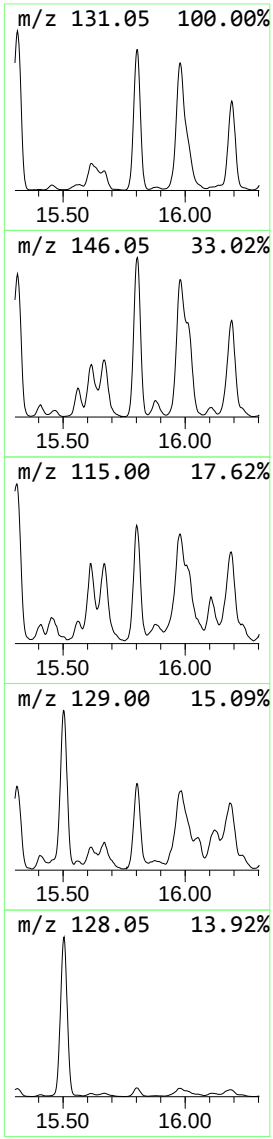
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.802	17.45 ug/l	3498600	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069639.D
Acq On : 24 Nov 2021 13:50
Operator : JC/MD
Sample : M4815-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

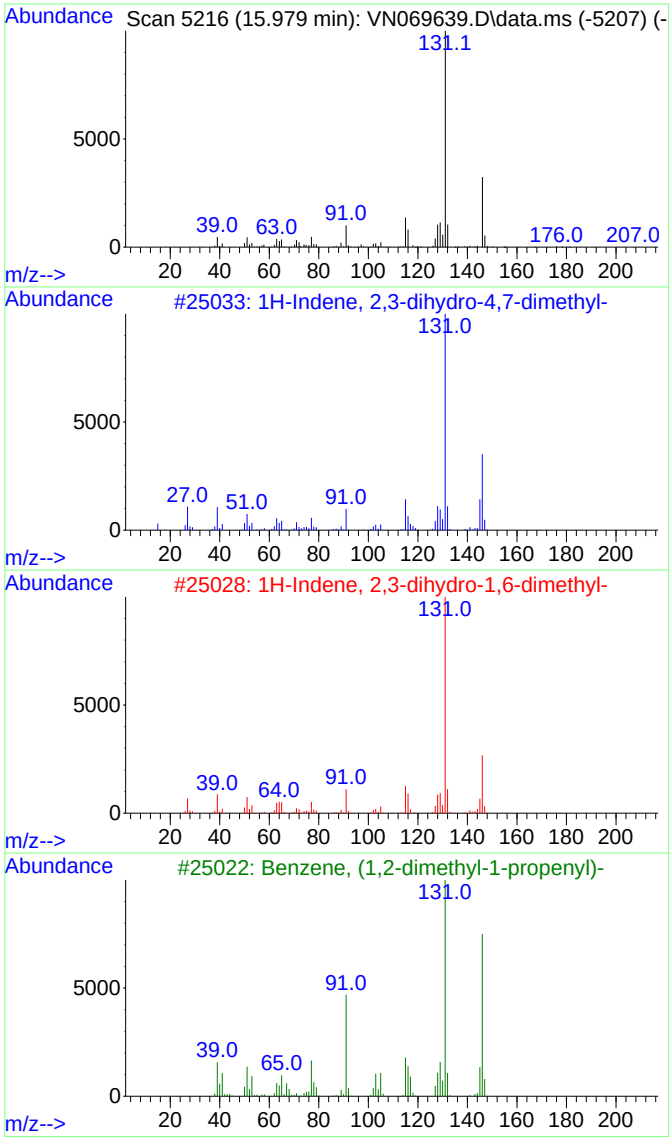
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

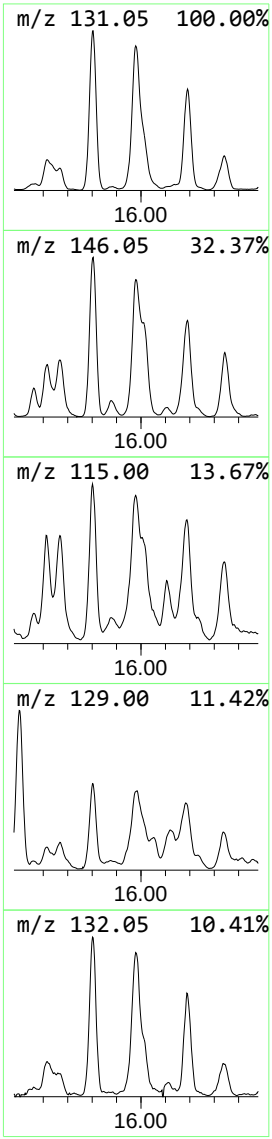
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.979	21.63 ug/l	4335950	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





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Data File : VN069639.D
Acq On : 24 Nov 2021 13:50
Operator : JC/MD
Sample : M4815-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

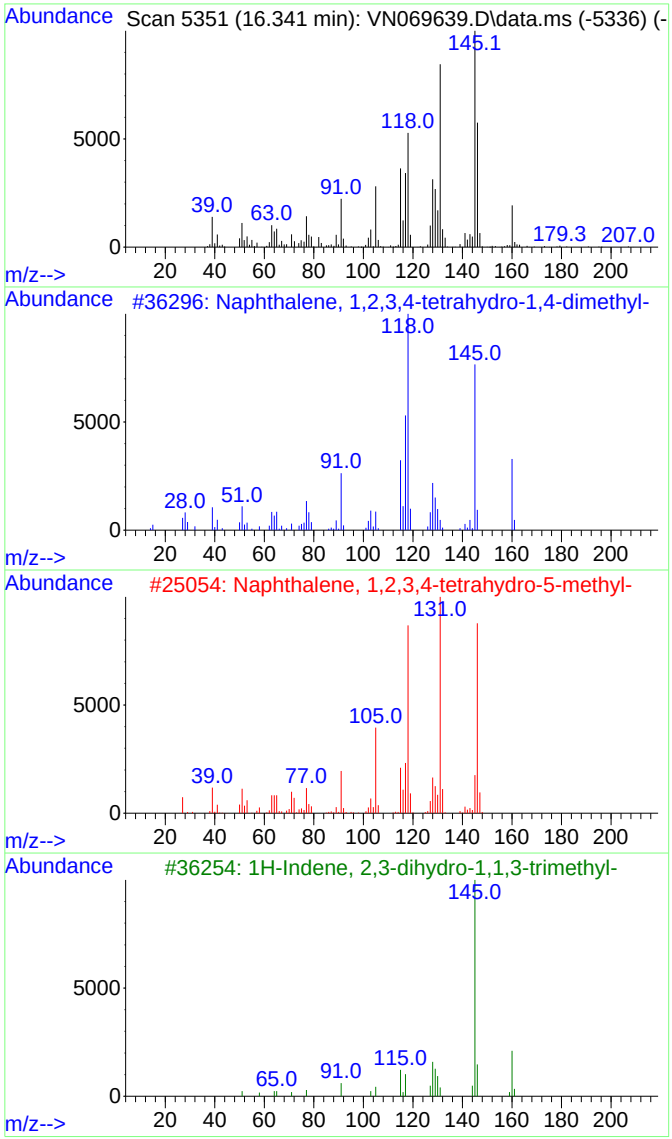
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

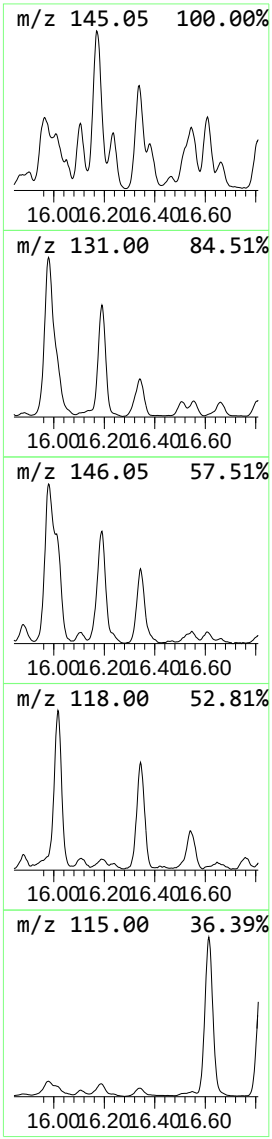
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.341	10.98 ug/l	2200800	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	52





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Data File : VN069639.D
Acq On : 24 Nov 2021 13:50
Operator : JC/MD
Sample : M4815-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

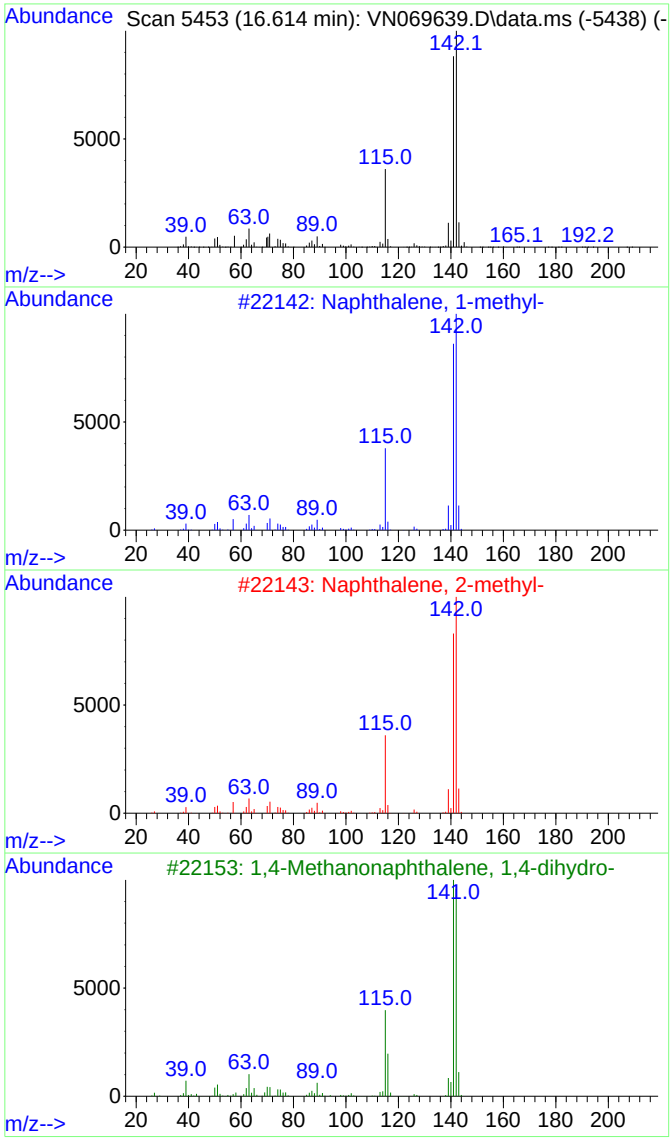
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

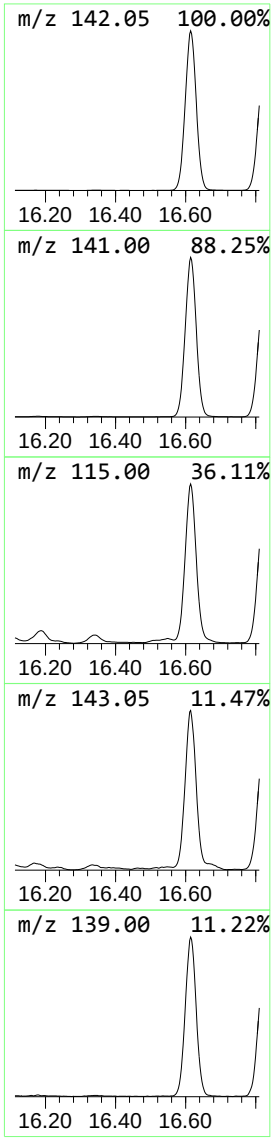
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.614	93.93 ug/l	18827300	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069639.D
Acq On : 24 Nov 2021 13:50
Operator : JC/MD
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ALS Vial : 8 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
MW-5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.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
o-Cymene	14.214	14.6	ug/l	2921350	4	13.675	10021800	50.0
(E)-1-Phenyl-1-...	14.324	17.6	ug/l	3527910	4	13.675	10021800	50.0
Benzene, 1,2,3,...	14.539	18.4	ug/l	3698780	4	13.675	10021800	50.0
Benzene, 2-ethe...	14.809	13.5	ug/l	2713490	4	13.675	10021800	50.0
3-Phenylbut-1-ene	14.922	52.5	ug/l	10530800	4	13.675	10021800	50.0
Benzene, 1-meth...	15.308	23.4	ug/l	4680720	4	13.675	10021800	50.0
1H-Indene, 2,3-...	15.802	17.4	ug/l	3498600	4	13.675	10021800	50.0
1H-Indene, 2,3-...	15.979	21.6	ug/l	4335950	4	13.675	10021800	50.0
Naphthalene, 1,...	16.341	11.0	ug/l	2200800	4	13.675	10021800	50.0
1,4-Methanonaph...	16.614	93.9	ug/l	18827300	4	13.675	10021800	50.0