LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069642.D
Acq On : 24 Nov 2021 15:07
Operator : JC/MD
Sample : M4815-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

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: VN069642.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	80	92	99	rBV2	125702	239958	1.13%	0.146%
2	7.144	1902	1922	1945	rBV3	96657	281075	1.32%	0.171%
3	8.024	2225	2250	2260	rBV	1035691	2477717	11.62%	1.506%
4	8.088	2261	2274	2298	rVB	2144050	5021874	23.55%	3.052%
5	8.440	2385	2405	2433	rBV	1254344	3011479	14.12%	1.830%
6	8.968	2582	2602	2648	rBV	3044909	6498133	30.47%	3.949%
7	9.459	2753	2785	2803	rBV2	419106	969041	4.54%	0.589%
8	10.440	3132	3151	3187	rBV	4756442	9147567	42.89%	5.559%
9	11.744	3619	3637	3660	rBV	4760528	8540781	40.04%	5.190%
10	11.843	3662	3674	3695	rVV	453005	851694	3.99%	0.518%
11	11.956	3698	3716	3756	rVB	722282	1566158	7.34%	0.952%
12	12.277	3815	3836	3857	rBV	236906	470107	2.20%	0.286%
13	12.578	3936	3948	3973	rVB	442747	753209	3.53%	0.458%
14	12.731	3988	4005	4025	rBV	3831962	6738215	31.59%	4.095%
15	12.918	4061	4075	4087	rBV	634346	1064892	4.99%	0.647%
16	12.983	4087	4099	4104	rVV	784312	1267683	5.94%	0.770%
17	13.015	4106	4111	4119	rVV	865122	1260342	5.91%	0.766%
18	13.058	4119	4127	4158	rVB	897083	1491035	6.99%	0.906%
19	13.219	4172	4187	4202	rBV	1120536	1894786	8.88%	1.151%
20	13.321	4209	4225	4229	rBV4	116940	218896	1.03%	0.133%
21	13.366	4230	4242	4271	rVB	3364745	5670133	26.58%	3.446%
22	13.498	4275	4291	4303	rVB3	238567	523630	2.46%	0.318%
23	13.559	4303	4314	4324	rBV	215792	339793	1.59%	0.206%
24	13.613	4325	4334	4343	rBV	212939	322058	1.51%	0.196%
25	13.675	4343	4357	4384	rBV2	4804273	11246871	52.73%	6.834%
26	13.769	4387	4392	4403	rVB2	152227	213494	1.00%	0.130%
27	13.836	4405	4417	4422	rBV2	610223	937275	4.39%	0.570%
28	13.873	4422	4431	4440	rBV2	1464584	2230578	10.46%	1.355%
29	14.002	4468	4479	4491	rVB2	286512	460832	2.16%	0.280%
30	14.069	4491	4504	4515	rBV	391912	633209	2.97%	0.385%
31	14.128	4515	4526	4532	rBV	764311	1240034	5.81%	0.754%
32	14.214	4547	4558	4571	rVB	1737790	2674952	12.54%	1.625%
33	14.278	4571	4582	4588	rBV	525523	819602	3.84%	0.498%
34	14.326	4589	4600	4612	rVB3	2225927	3792873	17.78%	2.305%
35	14.461	4637	4650	4661	rBV3	928033	1526477	7.16%	0.928%
36	14.538	4662	4679	4687	rBV	1940821	3287587	15.41%	1.998%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069642.D
Acq On : 24 Nov 2021 15:07
Operator : JC/MD
Sample : M4815-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

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

37	14.576	4687	4693	4703	rVV	1641660	2403912	11.27%	1.461%
38	14.622	4704	4710	4718	rVV2	339474	435778	2.04%	0.265%
39	14.761	4753	4762	4769	rBV2	260336	347226	1.63%	0.211%
40	14.809	4769	4780	4791	rBV2	1708500	2827931	13.26%	1.718%
41	14.925	4806	4823	4838	rBV3	4694284	11025035	51.69%	6.700%
42	14.986	4838	4846	4862	rVB4	405078	841866	3.95%	0.512%
43	15.083	4871	4882	4898	rBV2	946069	1688107	7.91%	1.026%
44	15.193	4901	4923	4932	rBV5	1632853	3857177	18.08%	2.344%
45	15.308	4953	4966	4984	rVB3	1862906	4454046	20.88%	2.707%
46	15.456	5011	5021	5025	rBV2	273060	427372	2.00%	0.260%
47	15.504	5026	5039	5053	rVB	4484193	8377358	39.28%	5.091%
48	15.611	5068	5079	5090	rBV4	792190	1489268	6.98%	0.905%
49	15.802	5135	5150	5167	rBV	1649092	3313062	15.53%	2.013%
50	15.979	5204	5216	5251	rVB2	1313513	4641196	21.76%	2.820%
51	16.107	5253	5264	5277	rBV2	652828	1301254	6.10%	0.791%
52	16.188	5279	5294	5307	rVB4	978991	2233661	10.47%	1.357%
53	16.341	5333	5351	5390	rBV4	834152	2372610	11.12%	1.442%
54	16.547	5407	5428	5436	rBV3	588811	1514289	7.10%	0.920%
55	16.614	5437	5453	5488	rVB	9177054	21328578	100.00%	12.961%

Sum of corrected areas: 164563766

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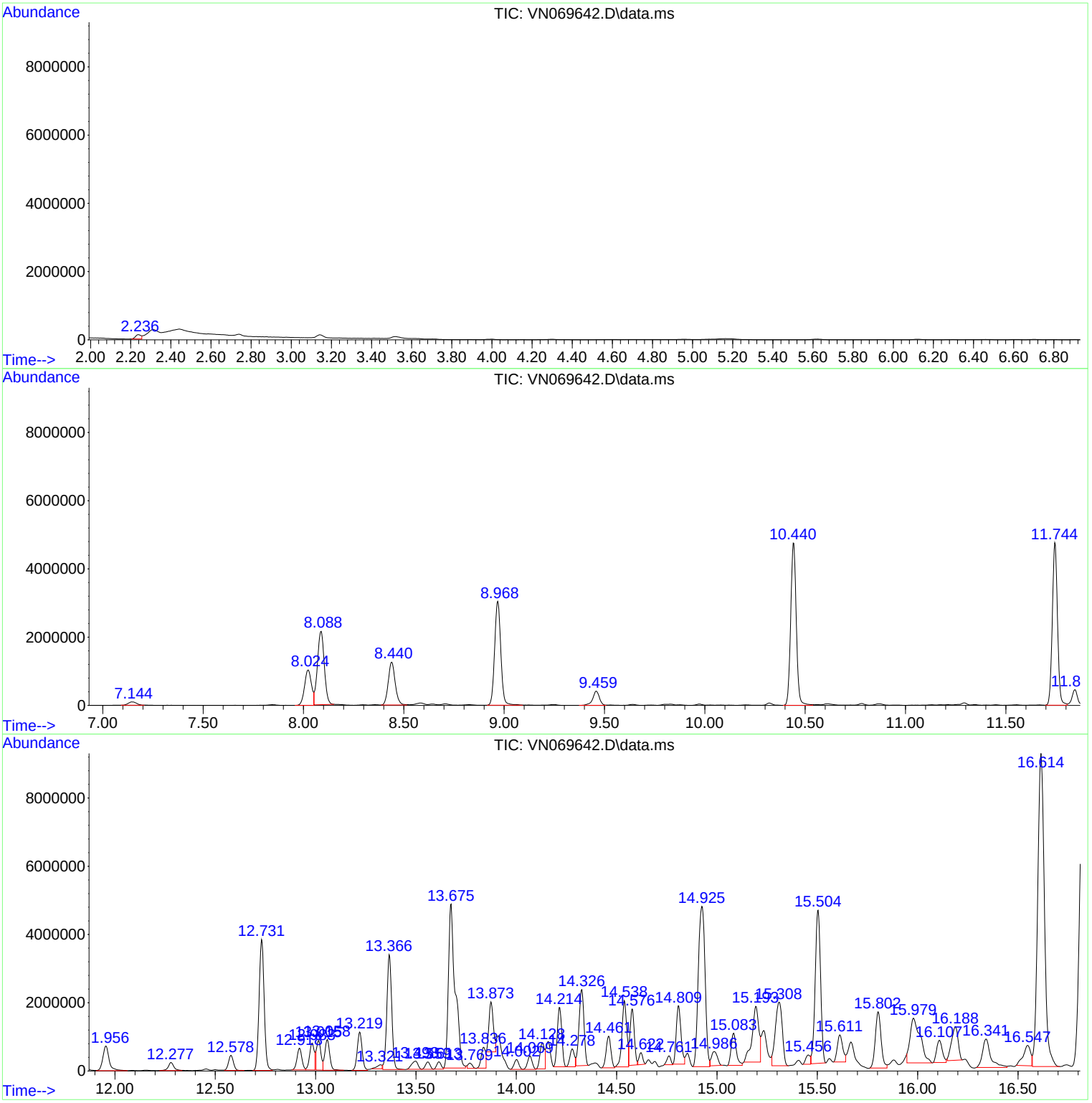
Data File : VN069642.D
Acq On : 24 Nov 2021 15:07
Operator : JC/MD
Sample : M4815-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

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 : VN069642.D
Acq On : 24 Nov 2021 15:07
Operator : JC/MD
Sample : M4815-05
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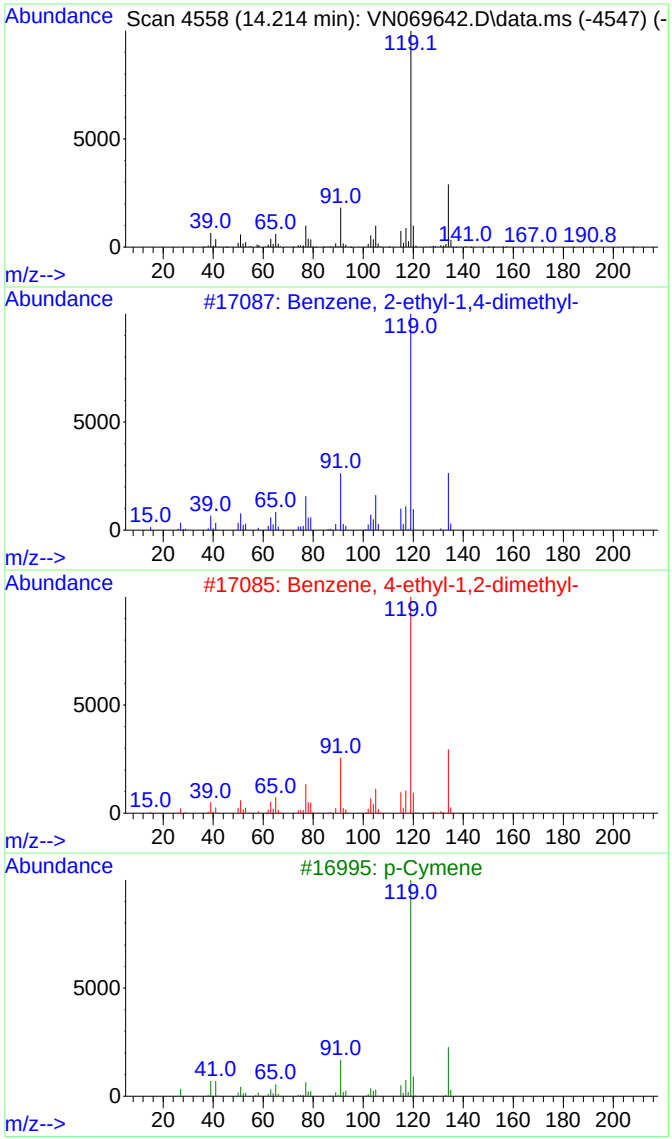
Quant Title : SW846 8260

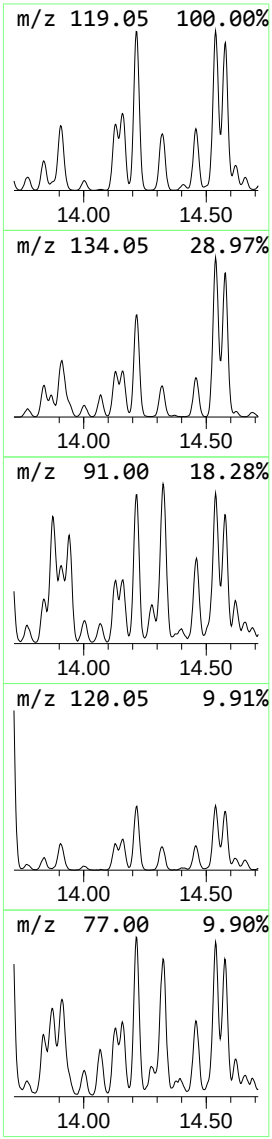
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.214	11.89 ug/l	2674950	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069642.D
Acq On : 24 Nov 2021 15:07
Operator : JC/MD
Sample : M4815-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

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

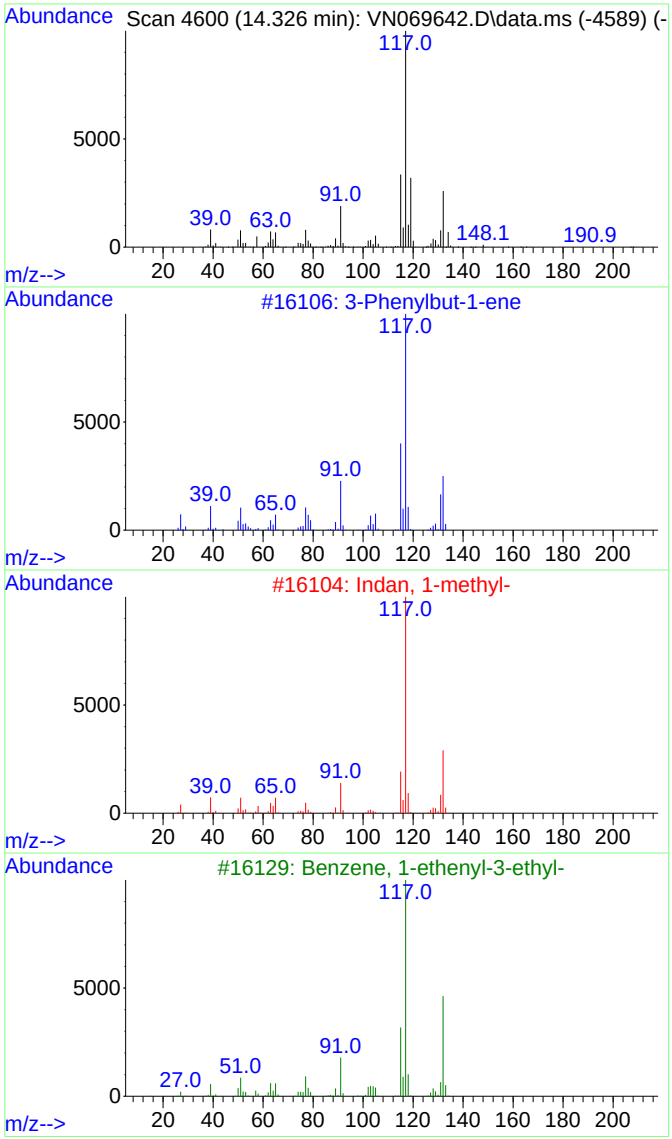
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

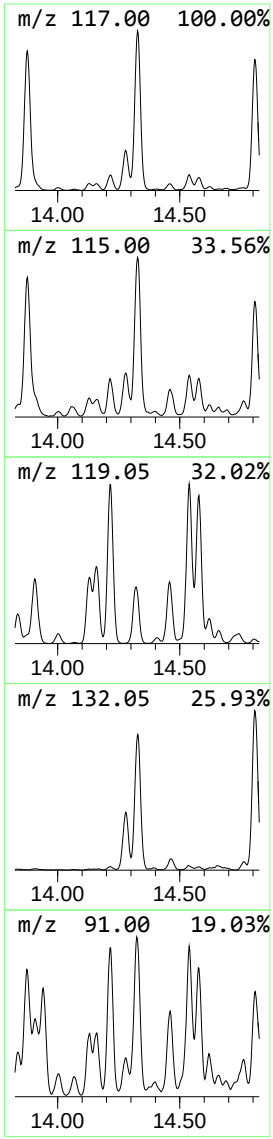
****

Peak Number 2 3-Phenylbut-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.326	16.86 ug/l	3792870	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	81
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069642.D
Acq On : 24 Nov 2021 15:07
Operator : JC/MD
Sample : M4815-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

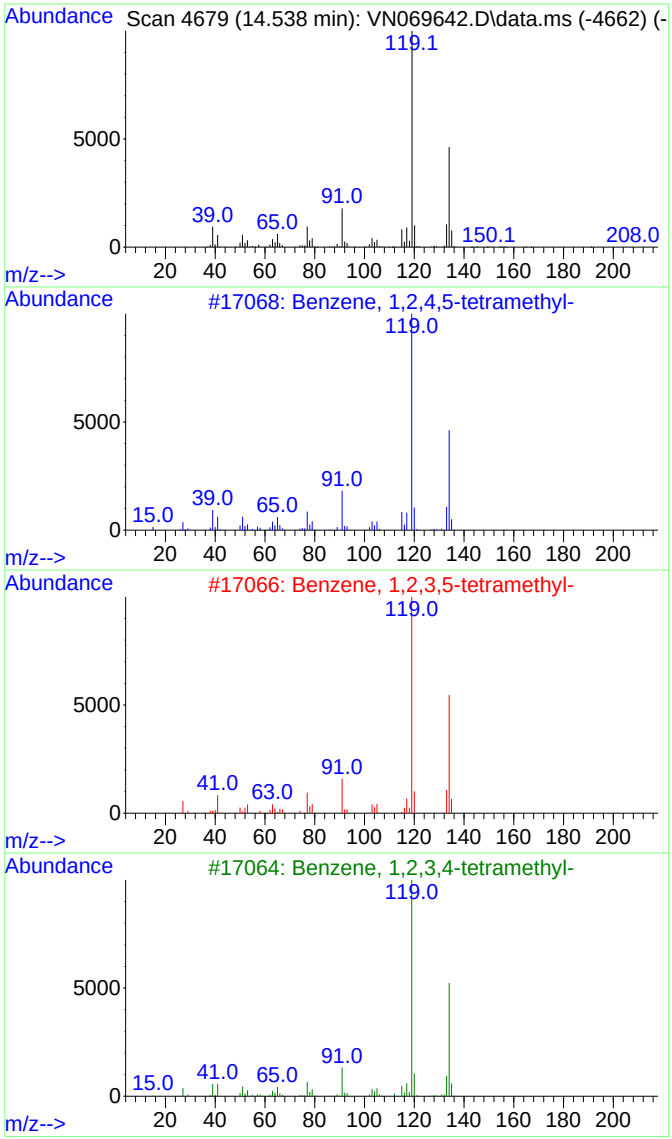
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

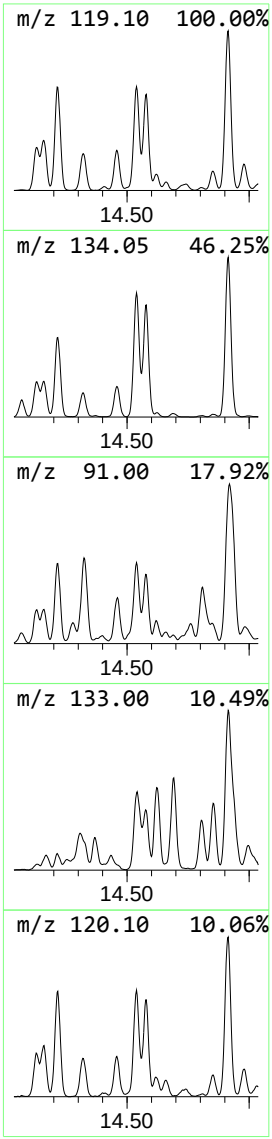
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.538	14.62 ug/l	3287590	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069642.D
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Operator : JC/MD
Sample : M4815-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

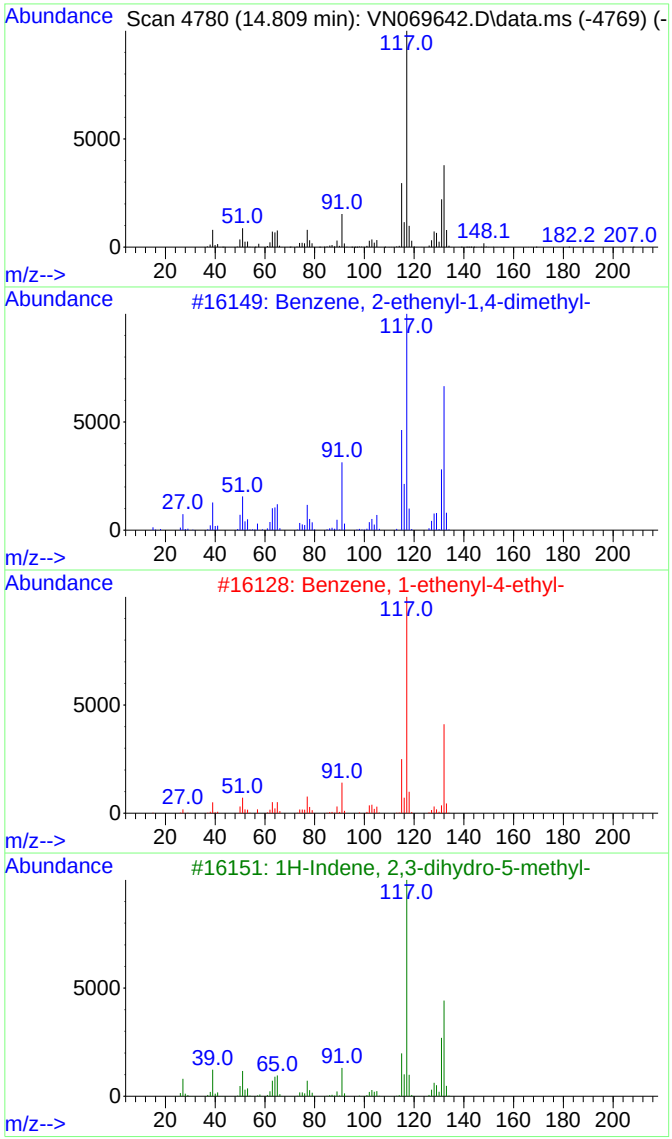
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

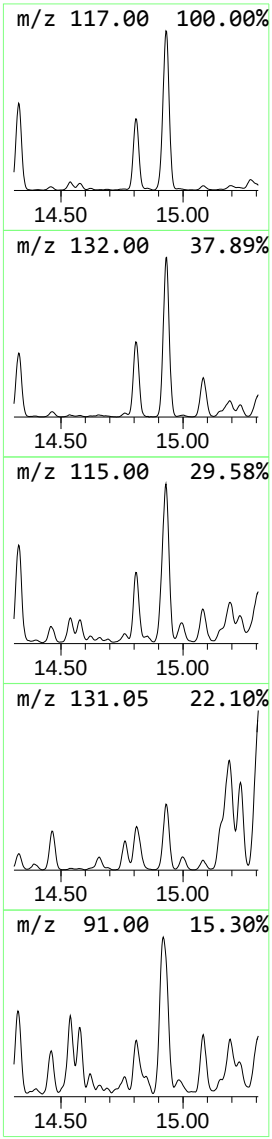
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.809	12.57 ug/l	2827930	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	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





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Operator : JC/MD
Sample : M4815-05
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ALS Vial : 11 Sample Multiplier: 1

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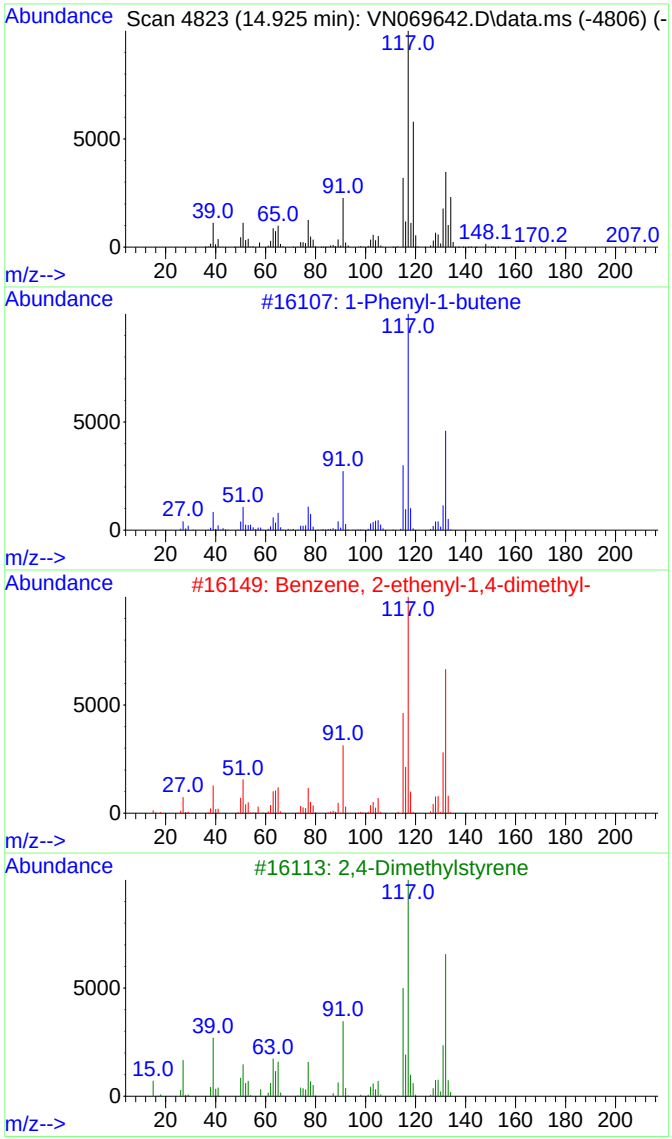
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

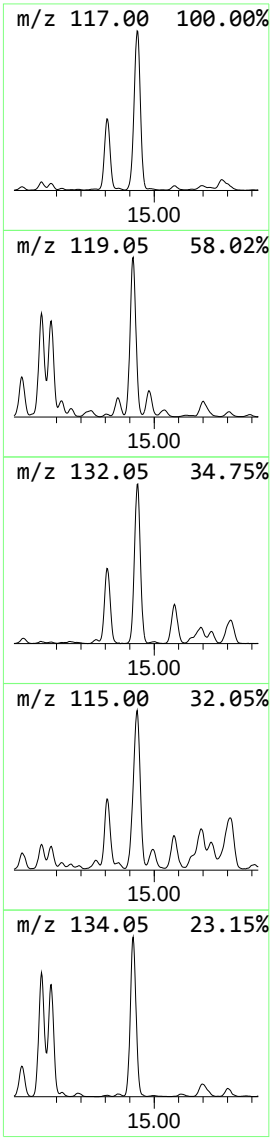
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.925	49.01 ug/l	11025000	1,4-Dichlorobenzene-d4	13.675

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	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70





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ALS Vial : 11 Sample Multiplier: 1

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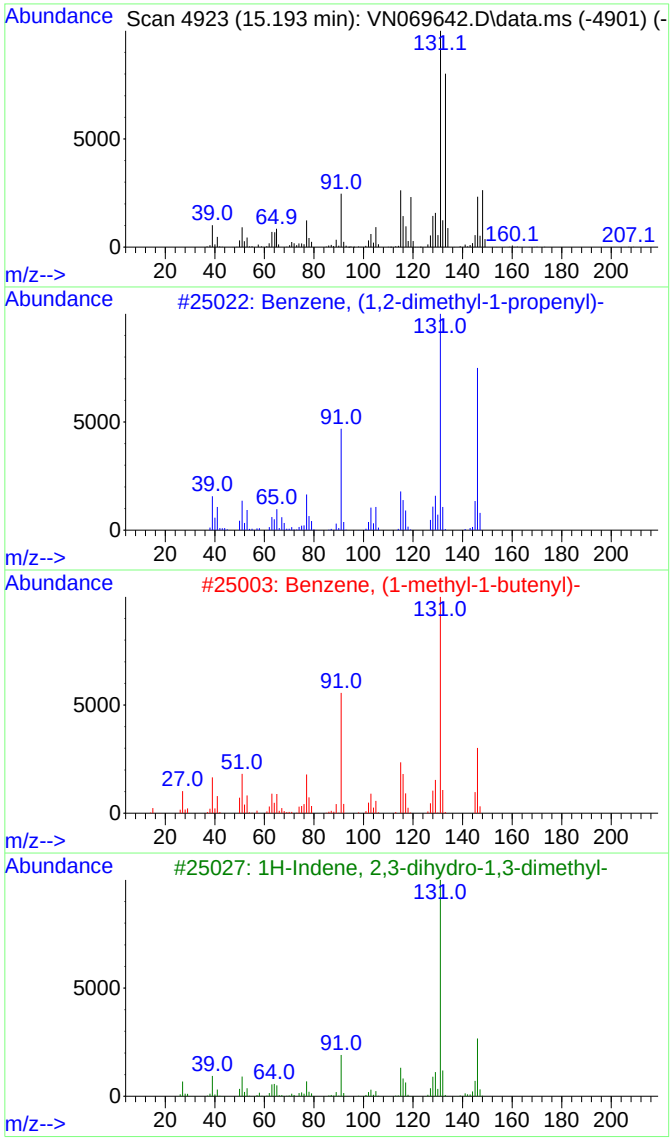
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

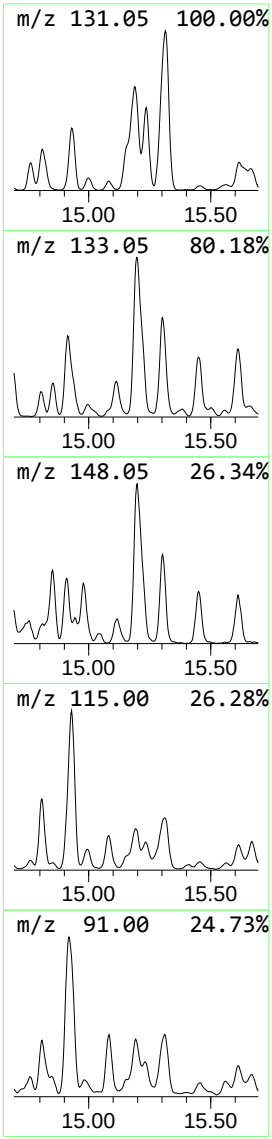
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.193	17.15 ug/l	3857180	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	89
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069642.D
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Operator : JC/MD
Sample : M4815-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

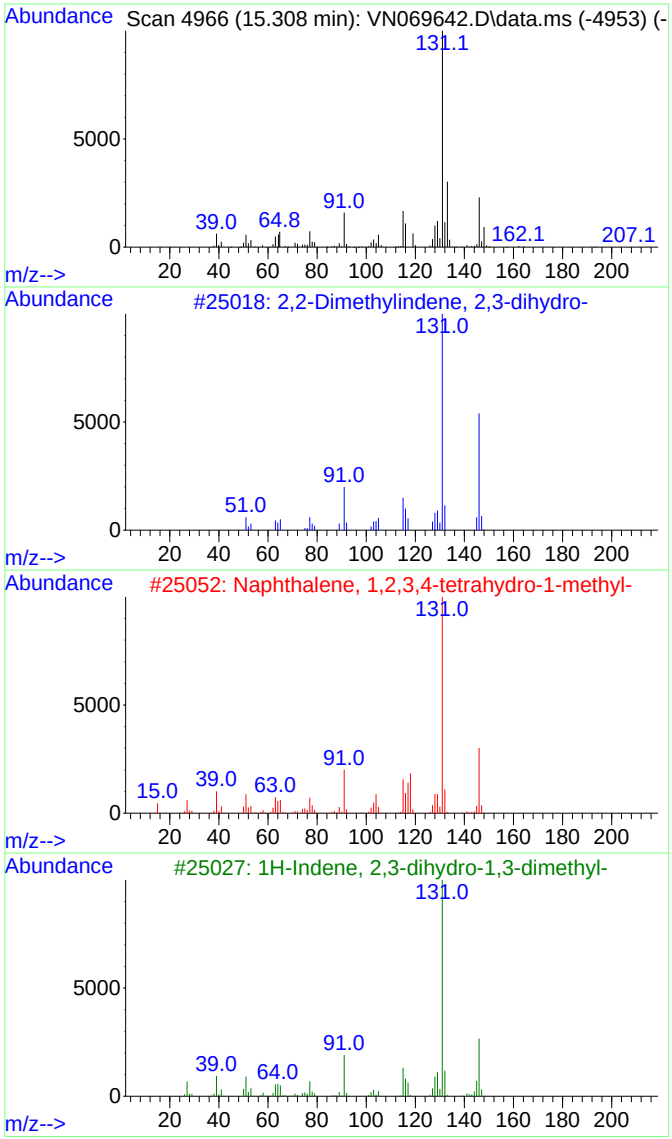
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

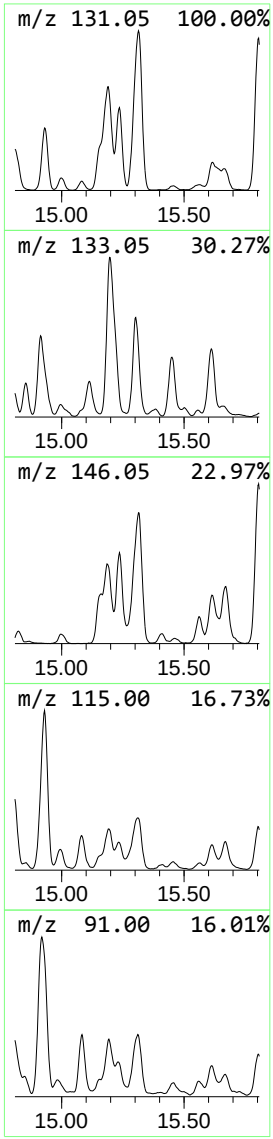
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,2-Dimethylindene, 2,3-dih... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.308	19.80 ug/l	4454050	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069642.D
Acq On : 24 Nov 2021 15:07
Operator : JC/MD
Sample : M4815-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

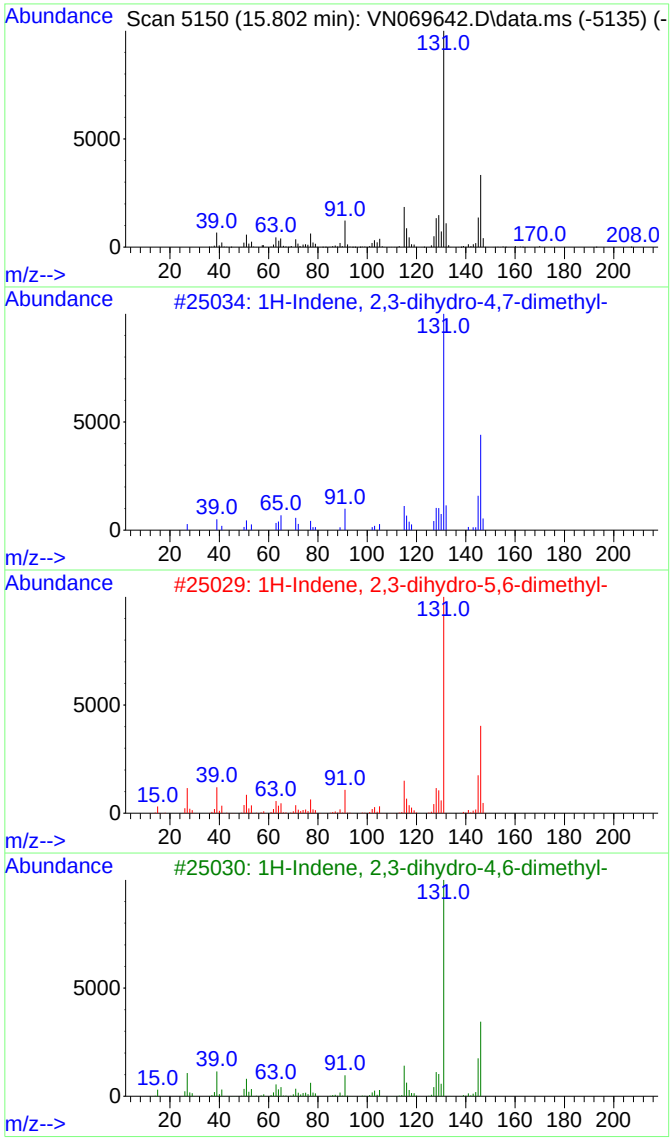
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

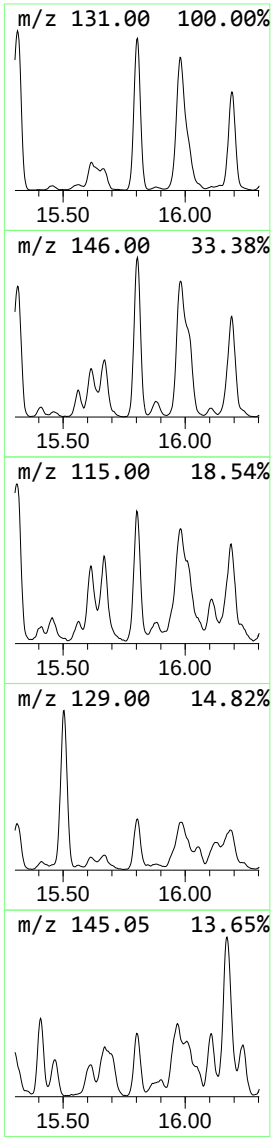
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.802	14.73 ug/l	3313060	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-5,6-dimet...	146	C11H14	001075-22-5	95
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	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	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069642.D
Acq On : 24 Nov 2021 15:07
Operator : JC/MD
Sample : M4815-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

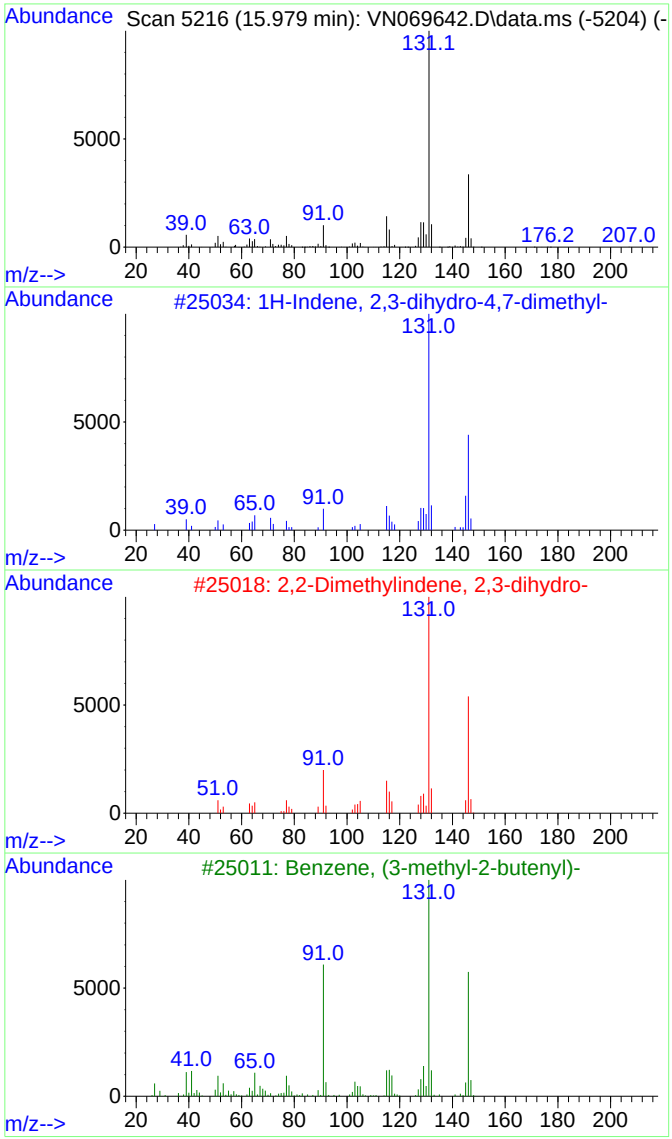
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

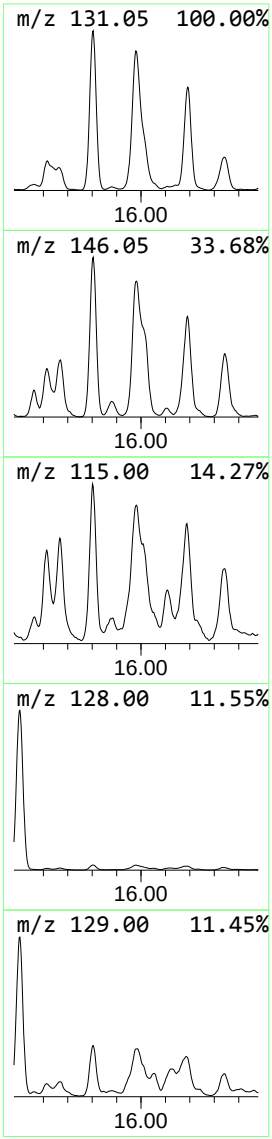
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (3-methyl-2-butenyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.979	20.63 ug/l	4641200	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	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069642.D
Acq On : 24 Nov 2021 15:07
Operator : JC/MD
Sample : M4815-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

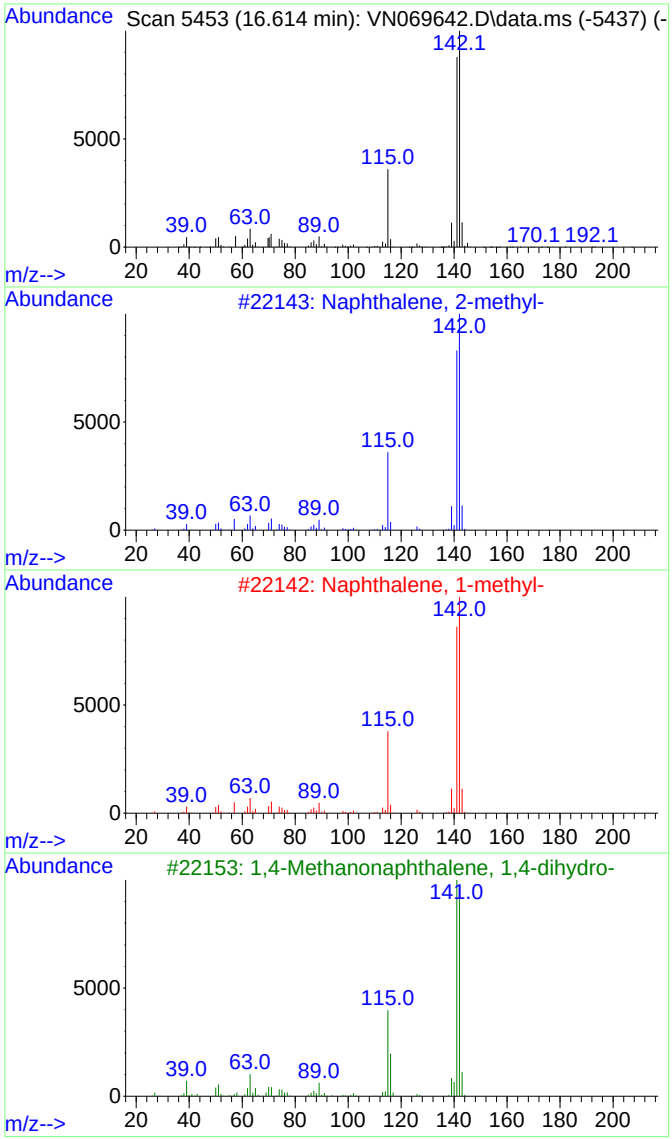
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260

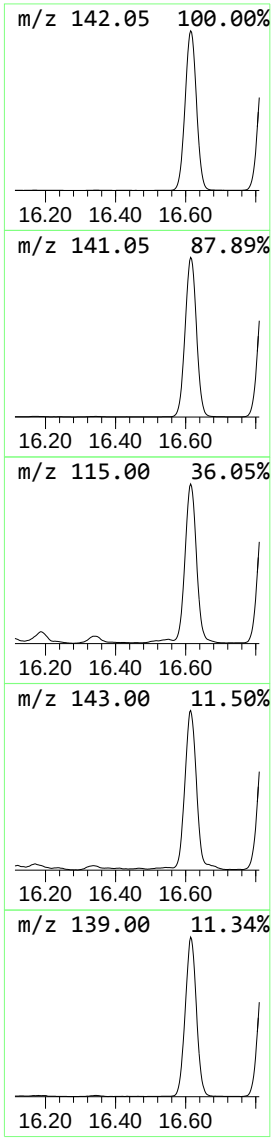
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.614	94.82 ug/l	21328600	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
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 : VN069642.D
Acq On : 24 Nov 2021 15:07
Operator : JC/MD
Sample : M4815-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

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
Benzene, 2-ethy...	14.214	11.9	ug/l	2674950	4	13.675	11246900	50.0
3-Phenylbut-1-ene	14.326	16.9	ug/l	3792870	4	13.675	11246900	50.0
Benzene, 1,2,4,...	14.538	14.6	ug/l	3287590	4	13.675	11246900	50.0
Benzene, 2-ethe...	14.809	12.6	ug/l	2827930	4	13.675	11246900	50.0
1-Phenyl-1-butene	14.925	49.0	ug/l	11025000	4	13.675	11246900	50.0
Benzene, (1,2-d...	15.193	17.1	ug/l	3857180	4	13.675	11246900	50.0
2,2-Dimethylind...	15.308	19.8	ug/l	4454050	4	13.675	11246900	50.0
1H-Indene, 2,3-...	15.802	14.7	ug/l	3313060	4	13.675	11246900	50.0
Benzene, (3-met...	15.979	20.6	ug/l	4641200	4	13.675	11246900	50.0
1,4-Methanonaph...	16.614	94.8	ug/l	21328600	4	13.675	11246900	50.0