LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

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\82N102720W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.428	202	214	221	rBV	14869	28109	1.07%	0.110%
2	4.023	695	710	732	rBV2	17692	52432	2.00%	0.205%
3	6.576	1484	1504	1523	rBV6	15342	50590	1.93%	0.197%
4	7.547	1786	1806	1818	rBV2	185871	471243	18.00%	1.838%
5	7.624	1818	1830	1849	rVB	330888	813989	31.08%	3.175%
6	7.987	1925	1943	1967	rBV3	228685	564577	21.56%	2.202%
7	8.550	2102	2118	2136	rBV	475902	1008548	38.51%	3.934%
8	9.045	2252	2272	2286	rVB3	49972	117330	4.48%	0.458%
9	10.058	2572	2587	2604	rBV	756979	1416737	54.10%	5.527%
10	11.380	2984	2998	3017	rBV	767577	1348380	51.49%	5.260%
11	12.222	3249	3260	3273	rVB	219035	358525	13.69%	1.399%
12	12.376	3294	3308	3325	rBV	660278	1127346	43.05%	4.398%
13	12.566	3352	3367	3382	rVB	295189	487724	18.62%	1.903%
14	13.145	3532	3547	3562	rBV2	118057	226191	8.64%	0.882%
15	13.315	3588	3600	3617	rBV	761104	1299057	49.61%	5.068%
16	13.415	3624	3631	3642	rVB2	36271	59694	2.28%	0.233%
17	13.518	3642	3663	3673	rBV	923853	1803044	68.85%	7.034%
18	13.566	3673	3678	3682	rBV3	38421	52168	1.99%	0.204%
19	13.646	3692	3703	3714	rVB	93652	158367	6.05%	0.618%
20	13.862	3759	3770	3779	rBV	474035	728068	27.80%	2.840%
21	13.920	3779	3788	3794	rVV	175037	280242	10.70%	1.093%
22	13.968	3794	3803	3816	rVB3	621233	1039246	39.69%	4.054%
23	14.103	3833	3845	3853	rBV4	37246	68743	2.63%	0.268%
24	14.183	3853	3870	3884	rVB	320568	542360	20.71%	2.116%
25	14.267	3887	3896	3902	rBV2	48061	75363	2.88%	0.294%
26	14.334	3912	3917	3924	rBV2	23800	29140	1.11%	0.114%
27	14.399	3926	3937	3943	rVV6	58882	117527	4.49%	0.458%
28	14.447	3943	3952	3963	rVV2	426103	705987	26.96%	2.754%
29	14.498	3963	3968	3975	rVV2	38975	53084	2.03%	0.207%
30	14.566	3975	3989	4000	rVV3	1006789	1910254	72.95%	7.452%
31	14.627	4000	4008	4018	rVB4	98652	173329	6.62%	0.676%
32	14.711	4027	4034	4043	rVB5	53562	73468	2.81%	0.287%
33	14.820	4049	4068	4075	rBV3	245915	575727	21.98%	2.246%
34	14.859	4075	4080	4088	rVV	144098	219084	8.37%	0.855%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

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\82N102720W.M
Title : SW846 8260

35	14.929	4089	4102	4113	rVB3	296947	639130	24.41%	2.493%
36	15.061	4136	4143	4153	rBV4	29477	47443	1.81%	0.185%
37	15.158	4163	4173	4182	rBV	215429	369960	14.13%	1.443%
38	15.228	4182	4195	4226	rVB4	213762	750766	28.67%	2.929%
39	15.383	4232	4243	4254	rBV	189129	335393	12.81%	1.308%
40	15.450	4259	4264	4273	rVB9	20743	38204	1.46%	0.149%
41	15.543	4278	4293	4297	rBV3	168230	328405	12.54%	1.281%
42	15.666	4321	4331	4340	rBV4	73381	140996	5.38%	0.550%
43	15.733	4341	4352	4363	rVB3	128885	259631	9.91%	1.013%
44	15.875	4383	4396	4412	rBV2	315259	637014	24.33%	2.485%
45	16.061	4437	4454	4462	rBV3	126836	296618	11.33%	1.157%
46	16.122	4462	4473	4498	rVB	443260	982289	37.51%	3.832%
47	16.309	4516	4531	4547	rBV	1208832	2618728	100.00%	10.216%
48	16.447	4563	4574	4589	rVB7	37939	100508	3.84%	0.392%
49	16.640	4621	4634	4652	rVB10	16741	53204	2.03%	0.208%

Sum of corrected areas: 25633962

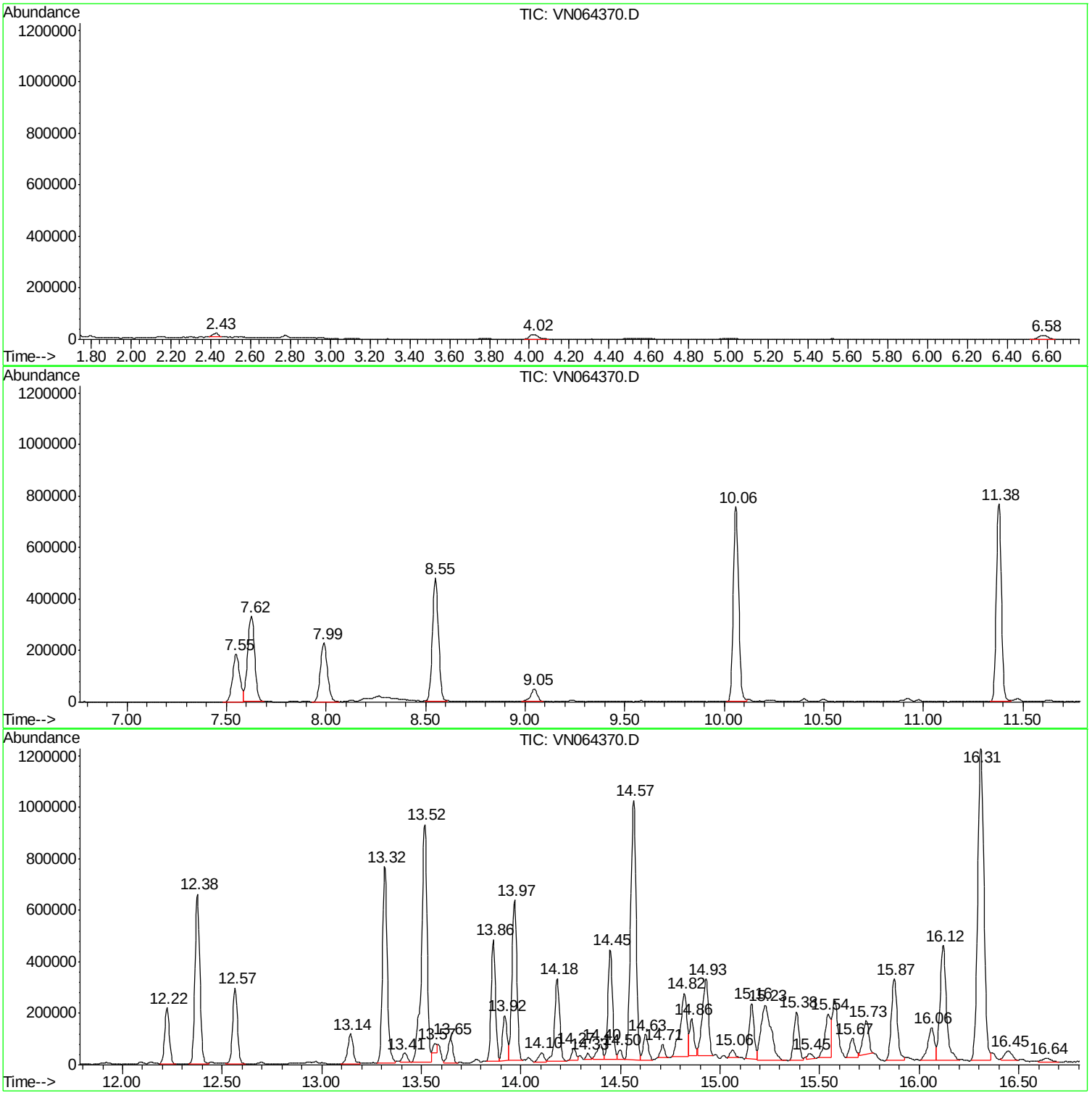
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260

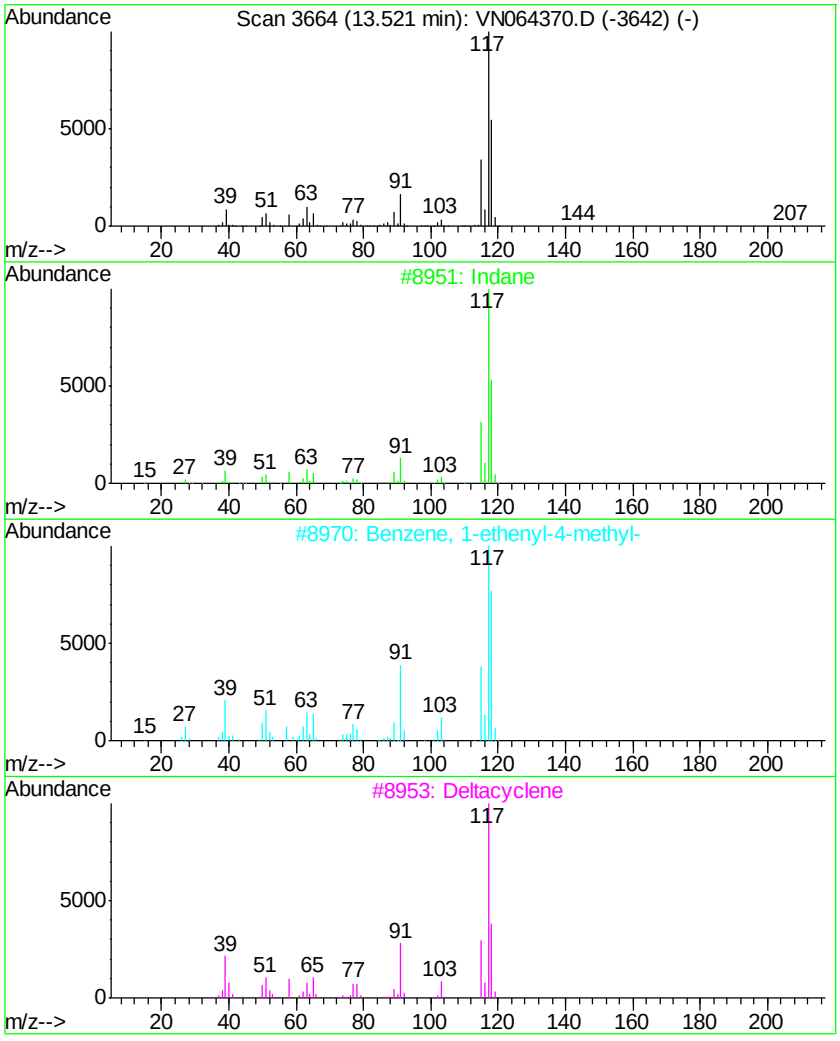
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

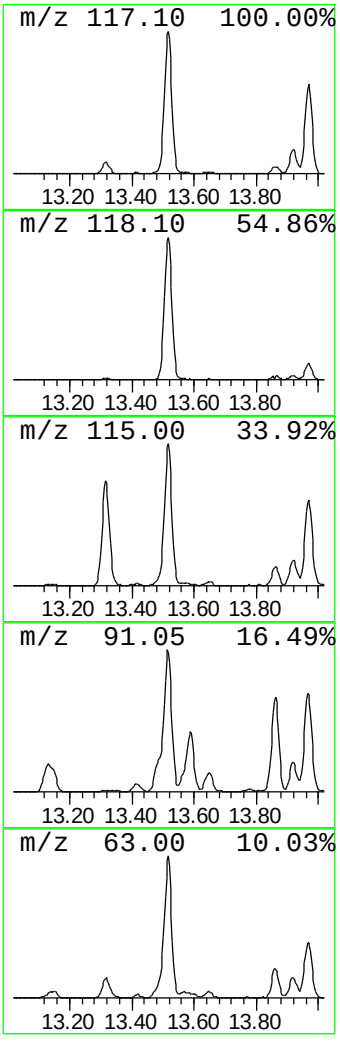
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	69.40 ug/l	1803040	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
3	Deltacyclene	118	C9H10	007785-10-6	68
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260

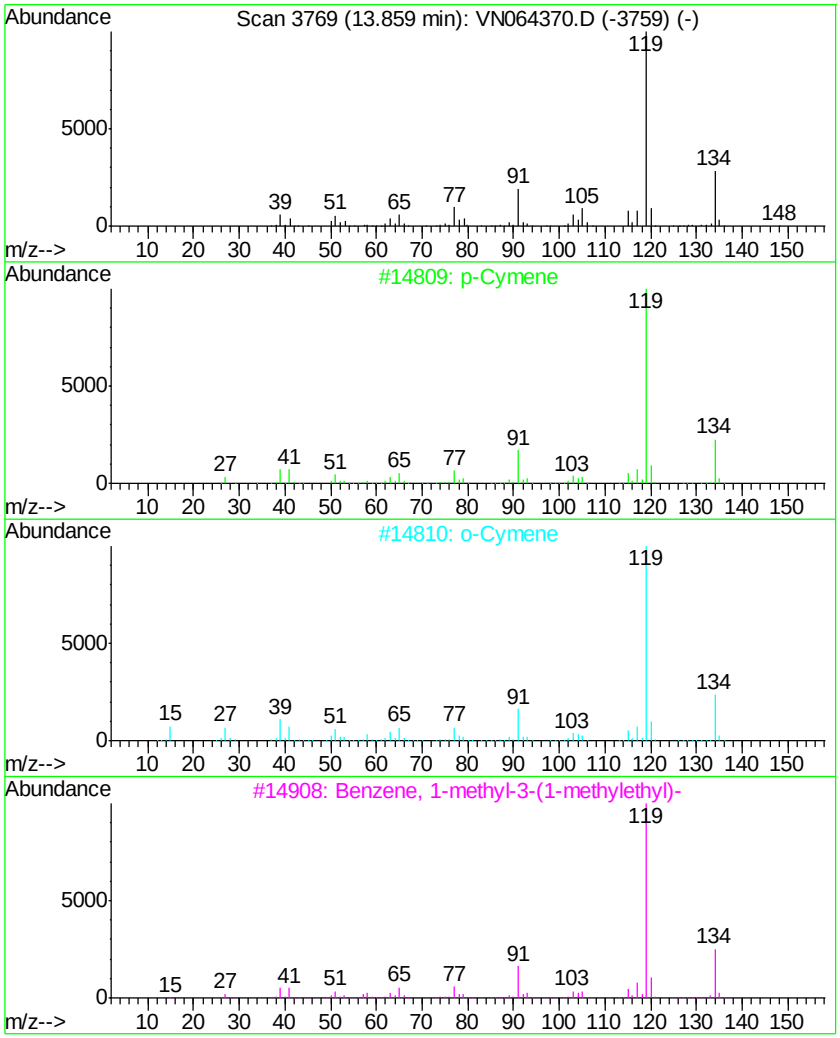
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

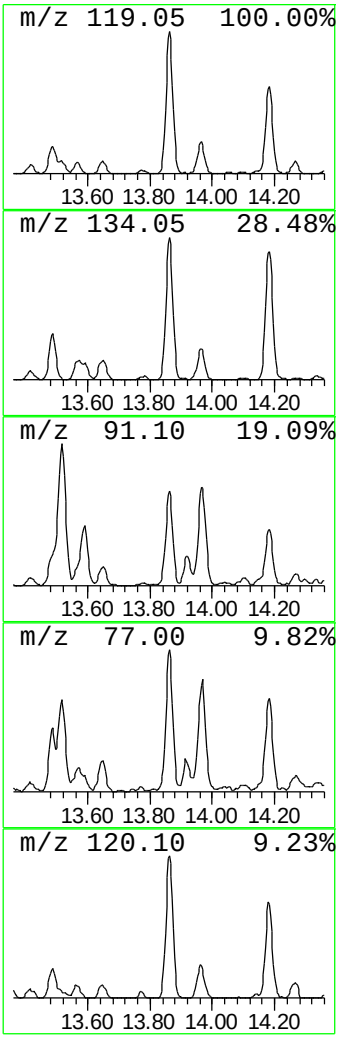
****

Peak Number 2 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	28.02 ug/l	728068	1,4-Dichlorobenzene-d4	13.32

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260

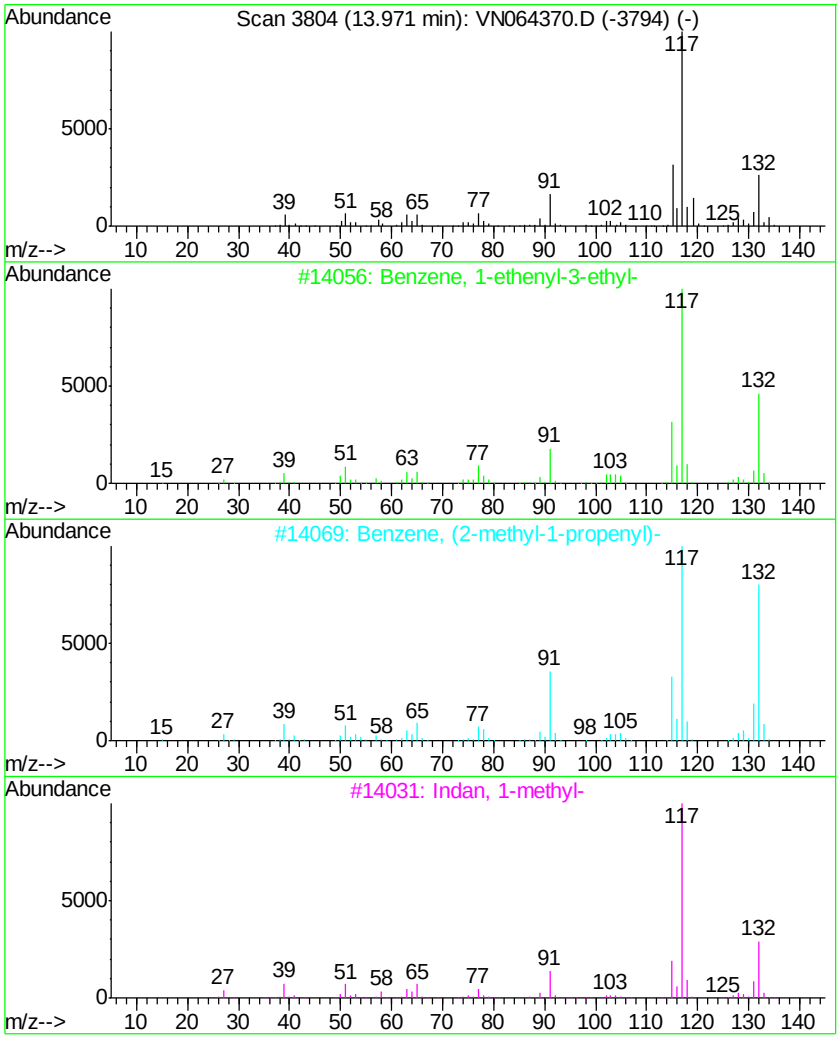
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

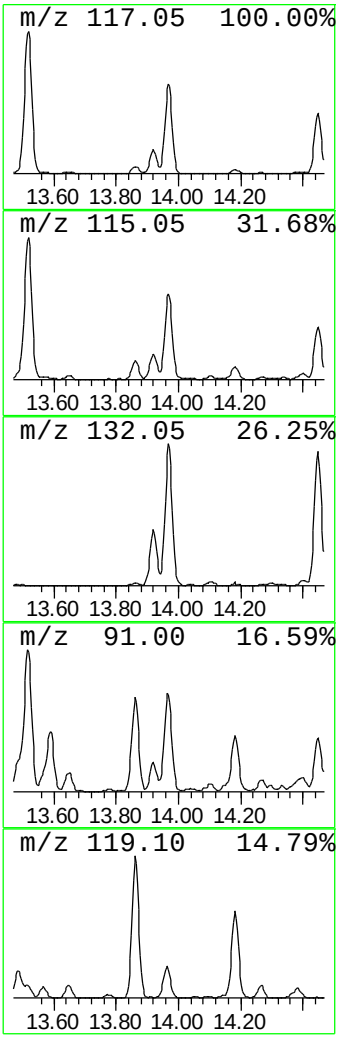
****

Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	40.00 ug/l	1039250	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260

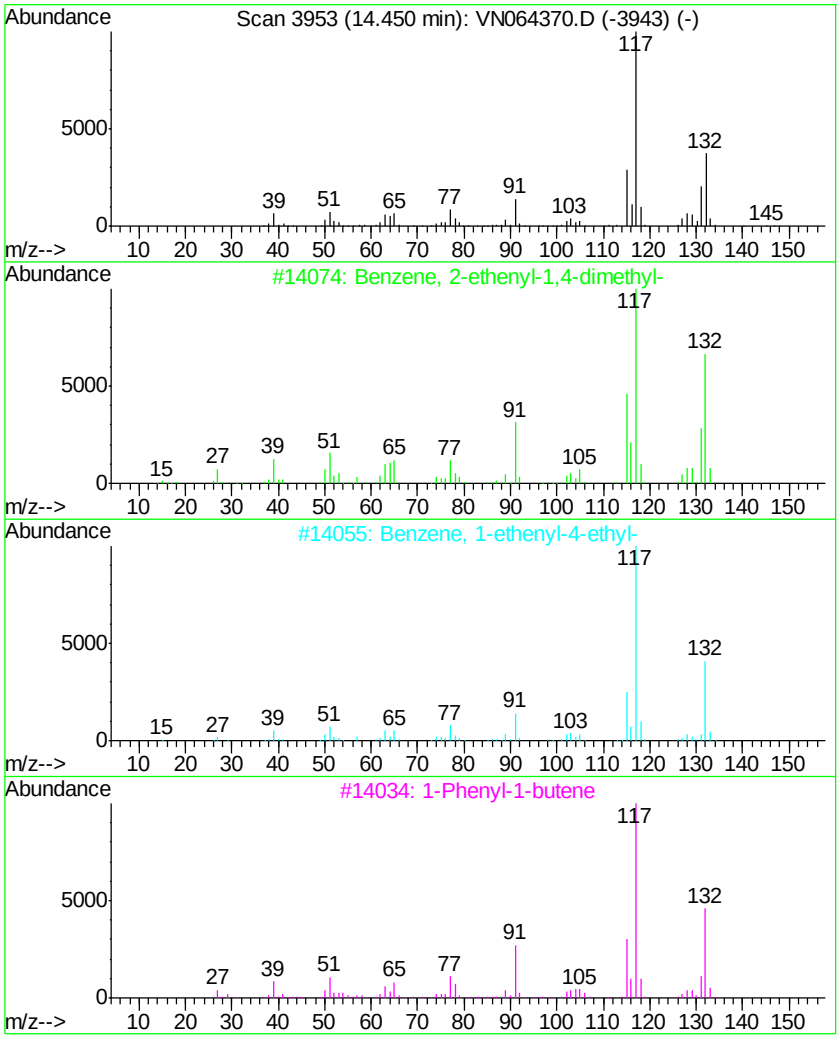
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

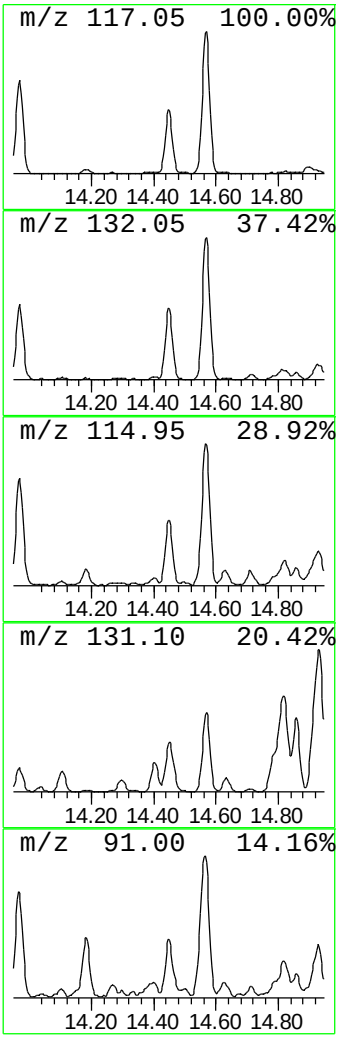
****

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	27.17 ug/l	705987	1,4-Dichlorobenzene-d4	13.32

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	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260

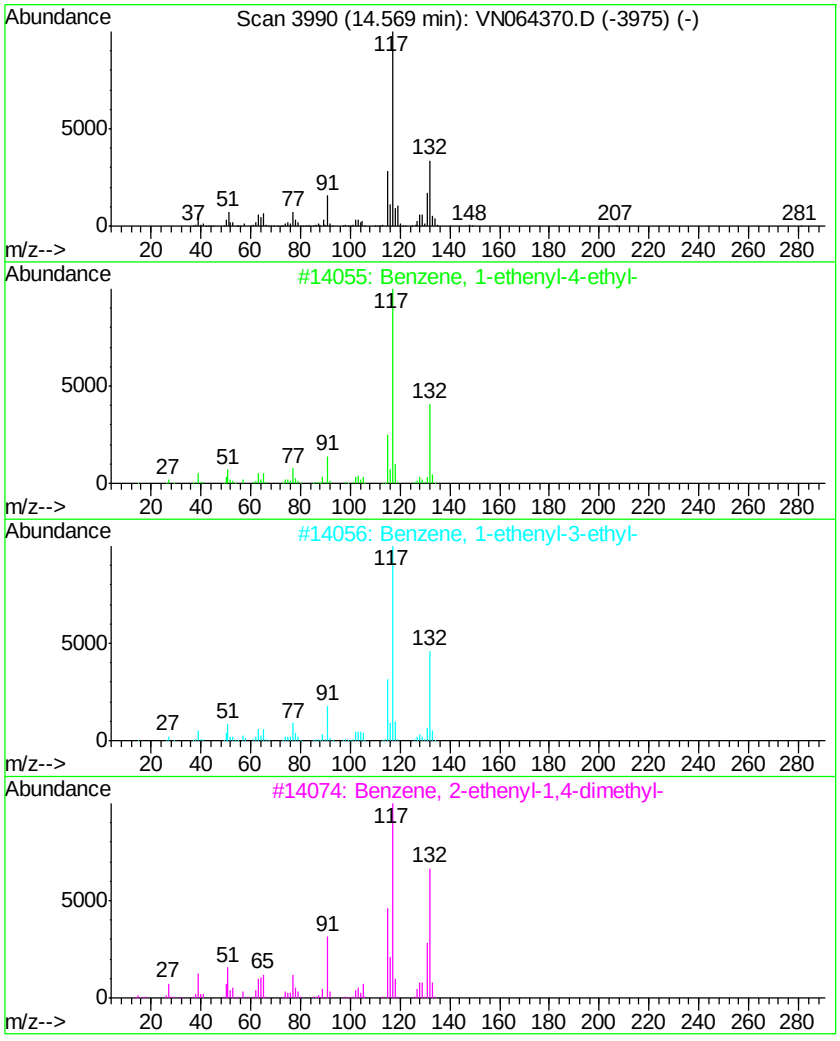
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

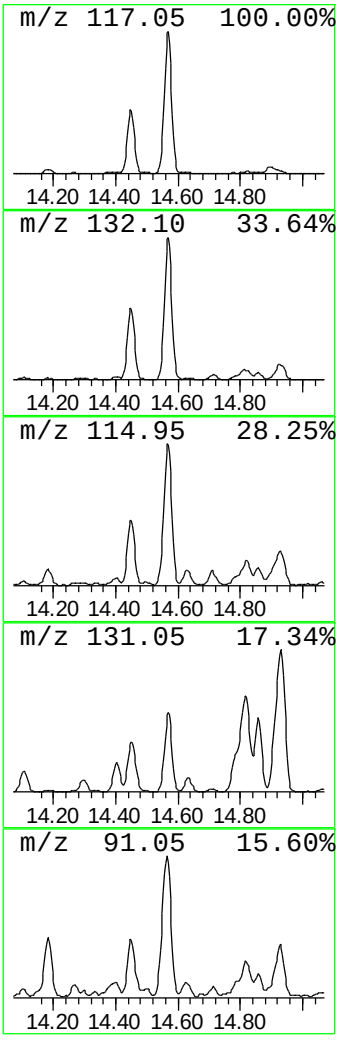
****

Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	73.52 ug/l	1910250	1,4-Dichlorobenzene-d4	13.32

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	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260

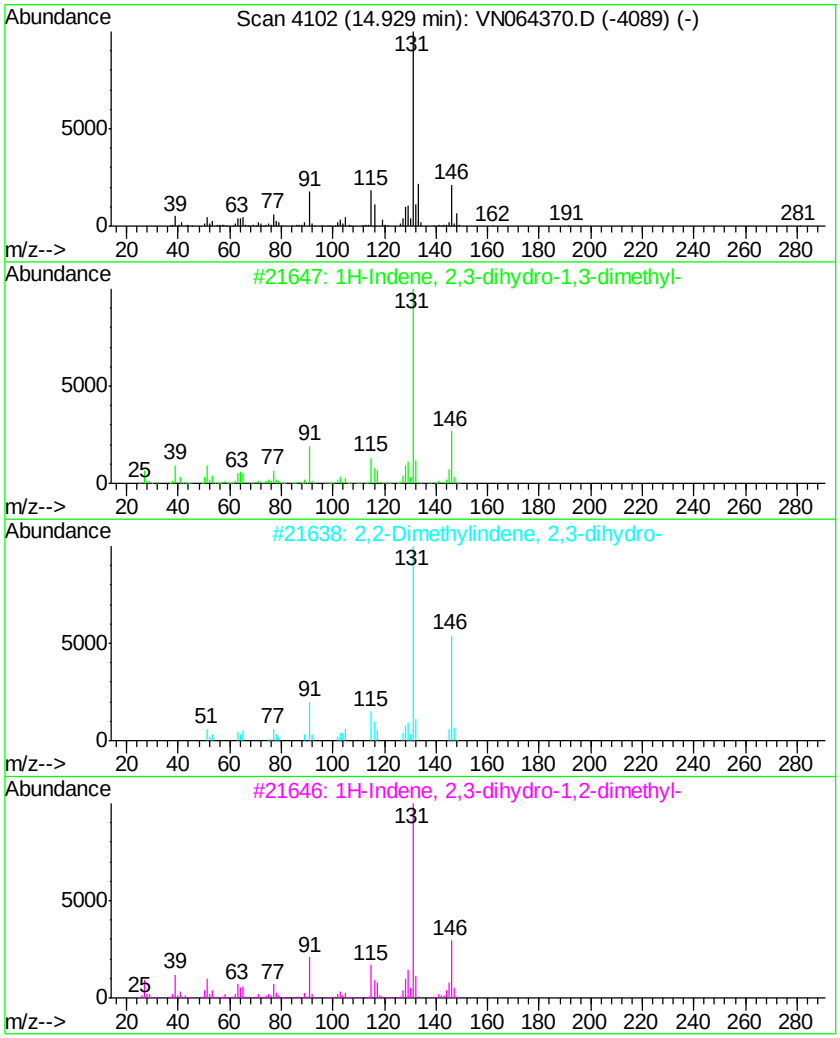
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

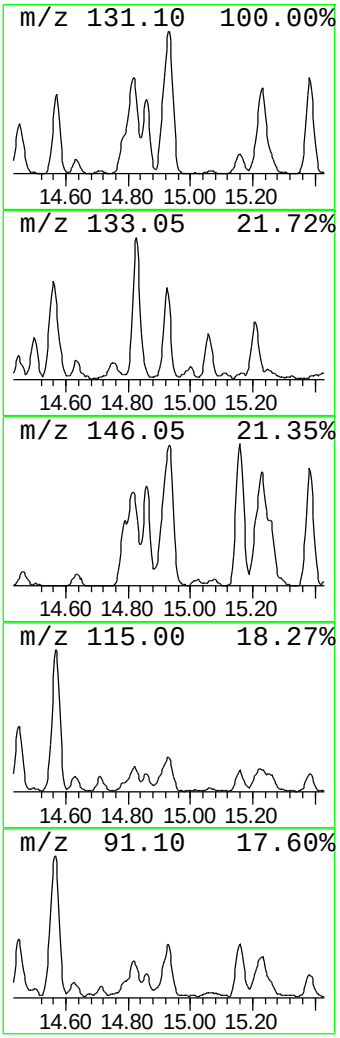
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	24.60 ug/l	639130	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260

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

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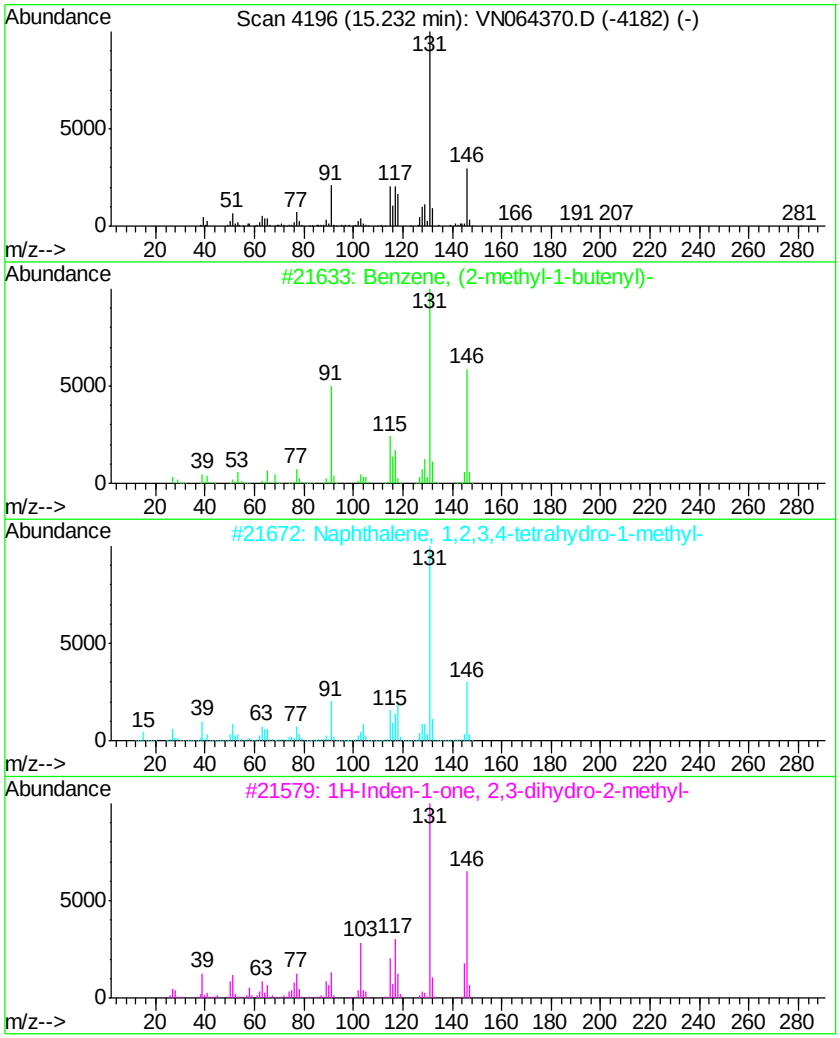
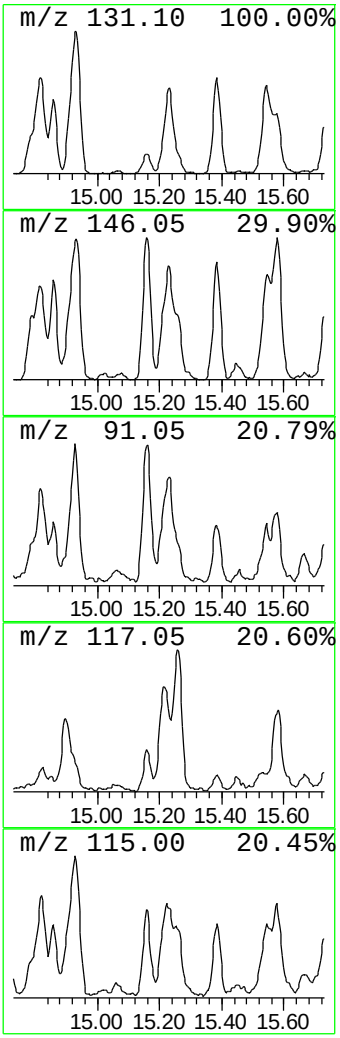
Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	28.90 ug/l	750766	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	83
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260

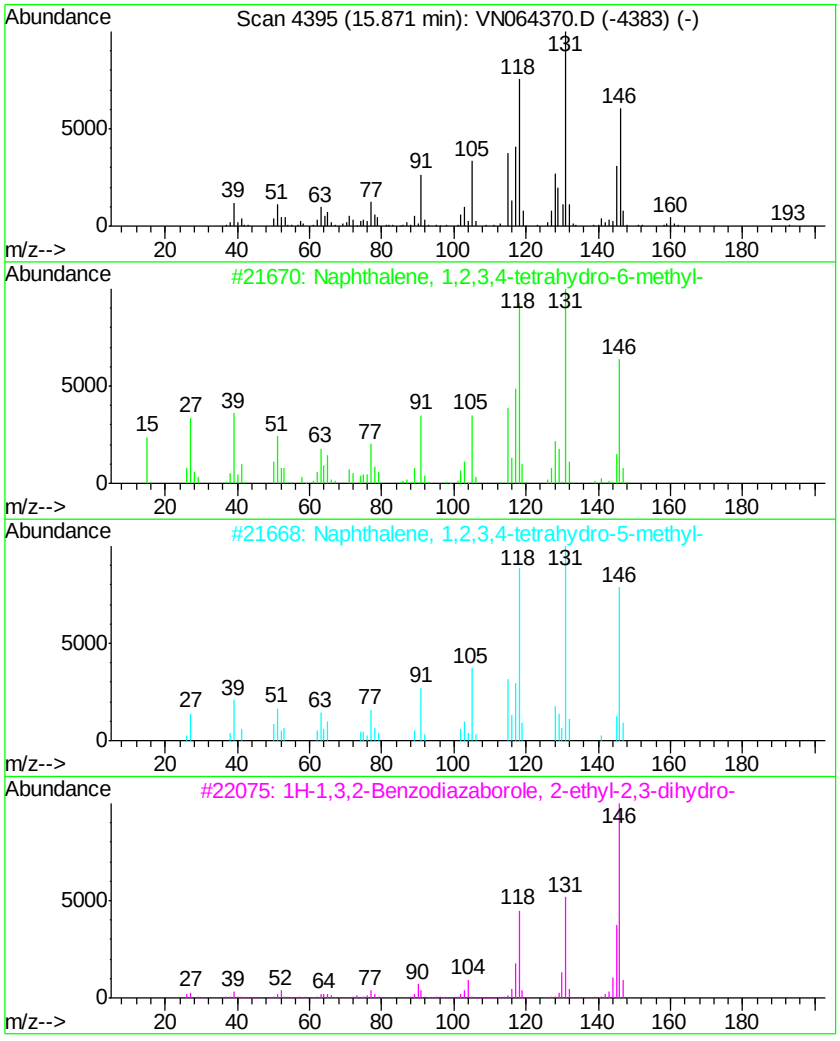
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

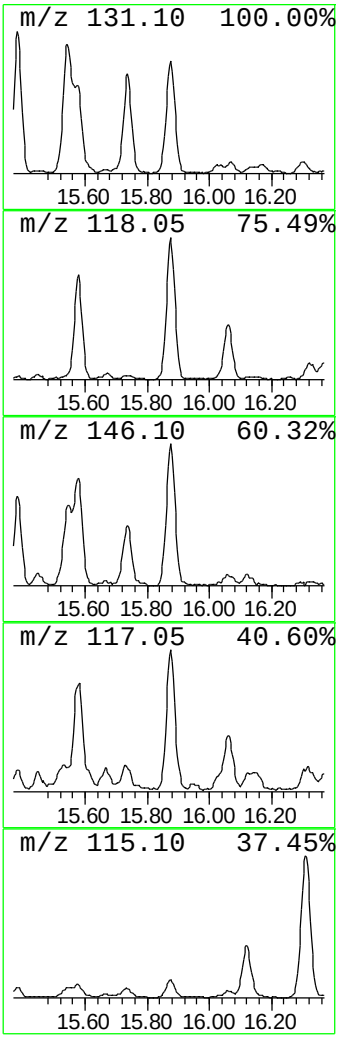
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	24.52 ug/l	637014	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
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	55
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260

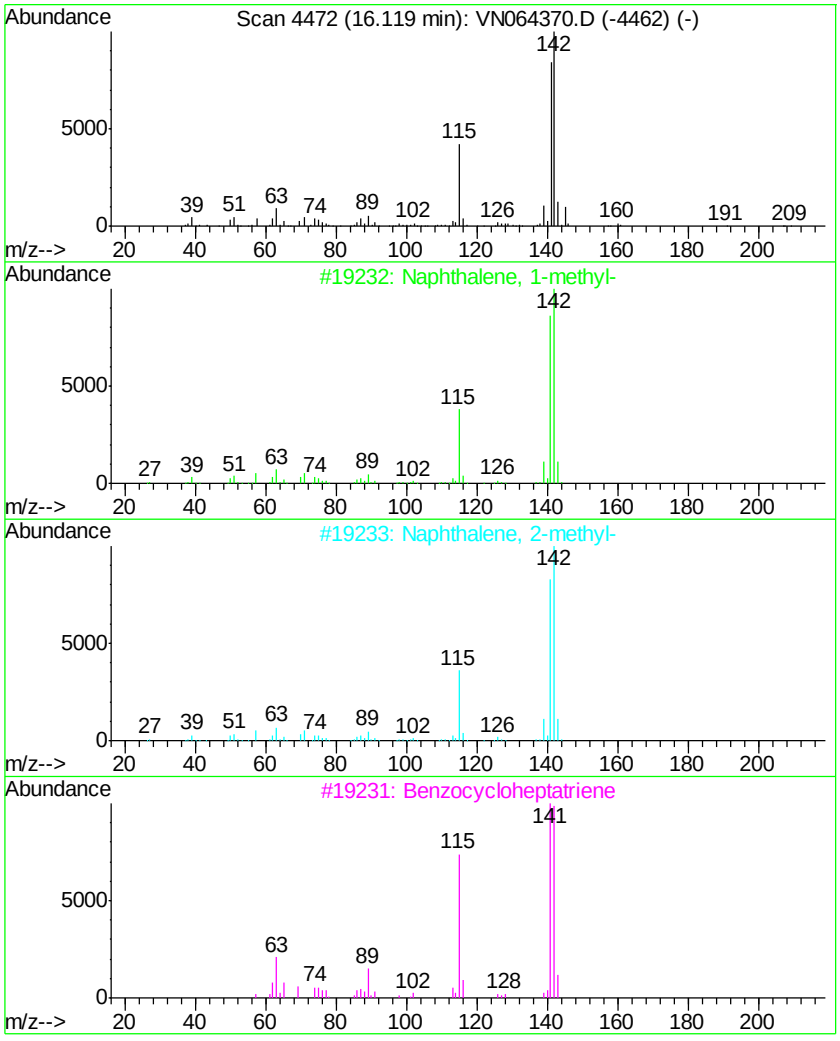
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

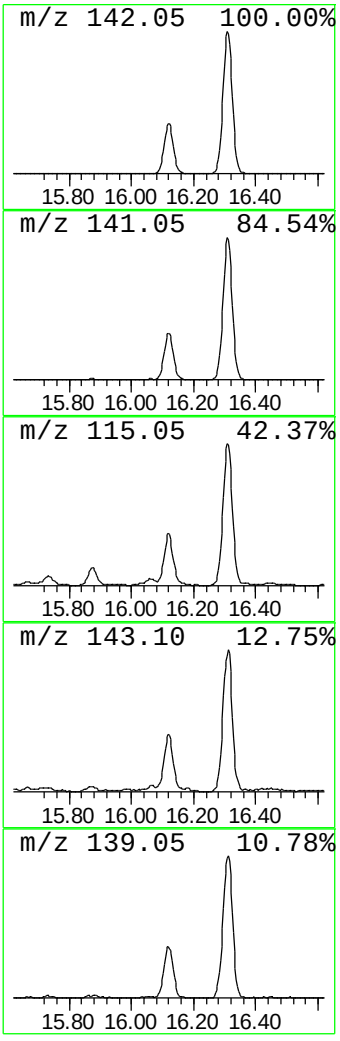
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	37.81 ug/l	982289	1,4-Dichlorobenzene-d4	13.32

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	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260

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

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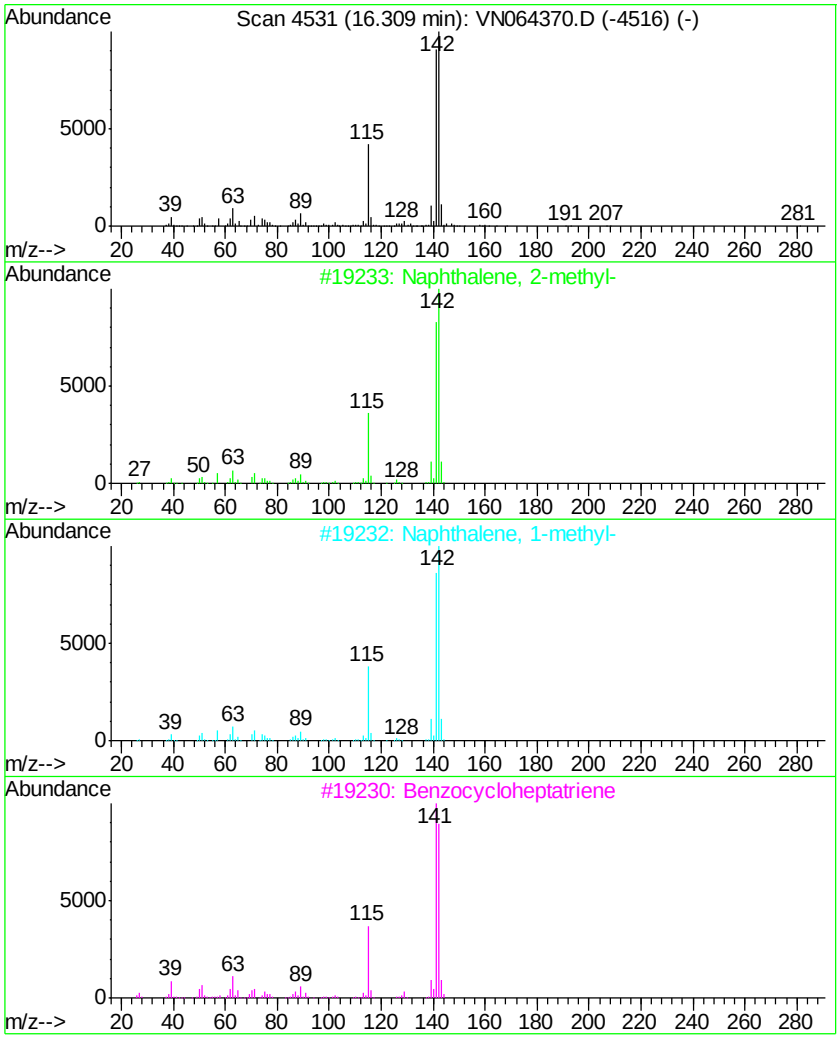
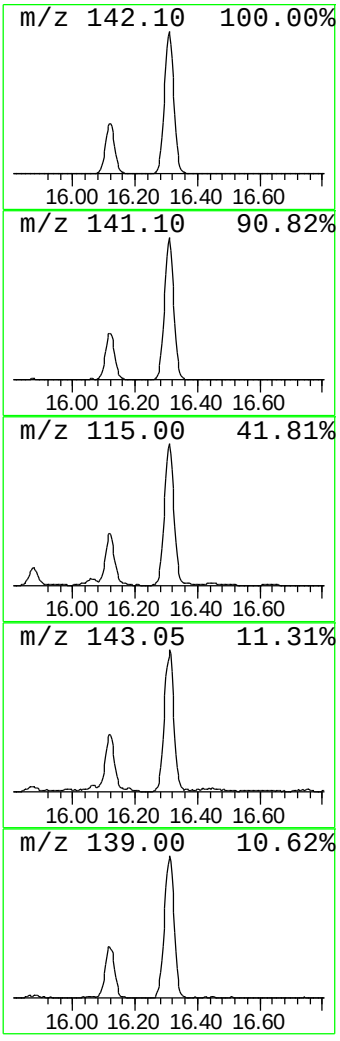
Peak Number 10 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	100.79 ug/l	2618730	1,4-Dichlorobenzene-d4	13.32

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	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064370.D
Acq On : 29 Oct 2020 13:47
Operator : JC/MD
Sample : L4554-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.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
Indane	13.52	69.4	ug/l	1803040	4	13.32	1299060	50.0
p-Cymene	13.86	28.0	ug/l	728068	4	13.32	1299060	50.0
Benzene, 1-etheny...	13.97	40.0	ug/l	1039250	4	13.32	1299060	50.0
Benzene, 2-etheny...	14.45	27.2	ug/l	705987	4	13.32	1299060	50.0
Benzene, 1-etheny...	14.57	73.5	ug/l	1910250	4	13.32	1299060	50.0
1H-Indene, 2,3-di...	14.93	24.6	ug/l	639130	4	13.32	1299060	50.0
Benzene, (2-methy...	15.23	28.9	ug/l	750766	4	13.32	1299060	50.0
Naphthalene, 1,2,...	15.87	24.5	ug/l	637014	4	13.32	1299060	50.0
Naphthalene, 1-me...	16.12	37.8	ug/l	982289	4	13.32	1299060	50.0
Benzocycloheptatr...	16.31	100.8	ug/l	2618730	4	13.32	1299060	50.0