LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064372.D
Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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	2.431	203	215	225	rVB	12467	28716	1.97%	0.245%
2	4.020	689	709	723	rBV5	7895	22848	1.56%	0.195%
3	7.550	1788	1807	1818	rBV2	191082	479291	32.80%	4.089%
4	7.624	1818	1830	1850	rVB	318717	769841	52.69%	6.567%
5	7.987	1924	1943	1967	rBV	211197	492336	33.70%	4.200%
6	8.203	1991	2010	2012	rBV5	10719	26076	1.78%	0.222%
7	8.550	2102	2118	2135	rBV	511110	1056134	72.28%	9.010%
8	10.058	2571	2587	2611	rBV	793743	1461149	100.00%	12.465%
9	11.379	2984	2998	3017	rBV	796268	1384028	94.72%	11.807%
10	12.222	3251	3260	3270	rVB2	16807	26968	1.85%	0.230%
11	12.376	3293	3308	3323	rBV	659716	1145574	78.40%	9.773%
12	12.965	3487	3491	3505	rVB3	11219	16181	1.11%	0.138%
13	13.145	3532	3547	3559	rBV3	67493	135243	9.26%	1.154%
14	13.318	3587	3601	3615	rBV	763750	1265799	86.63%	10.798%
15	13.424	3623	3634	3644	rBV8	33702	66092	4.52%	0.564%
16	13.485	3644	3653	3661	rBV2	47272	76695	5.25%	0.654%
17	13.566	3670	3678	3691	rVB3	48872	85319	5.84%	0.728%
18	13.646	3691	3703	3713	rVB3	30566	50674	3.47%	0.432%
19	13.862	3761	3770	3779	rVB4	28266	44680	3.06%	0.381%
20	13.916	3779	3787	3794	rVV2	44953	74335	5.09%	0.634%
21	13.968	3794	3803	3818	rVV2	137555	249710	17.09%	2.130%
22	14.032	3819	3823	3833	rVV4	13615	23286	1.59%	0.199%
23	14.106	3834	3846	3854	rVV2	43581	79358	5.43%	0.677%
24	14.151	3854	3860	3862	rVV6	13562	18087	1.24%	0.154%
25	14.183	3863	3870	3880	rVB	52472	82126	5.62%	0.701%
26	14.299	3899	3906	3913	rVB3	21972	33680	2.31%	0.287%
27	14.402	3926	3938	3946	rBV3	49053	78625	5.38%	0.671%
28	14.453	3946	3954	3964	rVV4	48058	88439	6.05%	0.754%
29	14.498	3964	3968	3976	rVB7	14060	18914	1.29%	0.161%
30	14.563	3976	3988	4001	rBV7	41509	94850	6.49%	0.809%
31	14.633	4001	4010	4018	rBV5	31142	52700	3.61%	0.450%
32	14.823	4061	4069	4076	rBV4	45948	71238	4.88%	0.608%
33	14.858	4076	4080	4084	rVV	18488	22765	1.56%	0.194%
34	14.926	4086	4101	4113	rVB7	84040	232889	15.94%	1.987%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064372.D
Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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	15.061	4137	4143	4153	rVB7	16822	28132	1.93%	0.240%
36	15.157	4162	4173	4182	rBV	154636	259989	17.79%	2.218%
37	15.231	4183	4196	4222	rVB2	179865	403614	27.62%	3.443%
38	15.386	4230	4244	4253	rBV5	38619	77283	5.29%	0.659%
39	15.450	4255	4264	4276	rVV5	22510	47305	3.24%	0.404%
40	15.546	4276	4294	4315	rVV6	36531	138997	9.51%	1.186%
41	15.665	4321	4331	4340	rBV3	39314	79879	5.47%	0.681%
42	15.736	4345	4353	4373	rVB4	60746	138846	9.50%	1.184%
43	15.874	4385	4396	4415	rBV5	62998	132315	9.06%	1.129%
44	16.061	4438	4454	4465	rBV6	51162	122103	8.36%	1.042%
45	16.125	4467	4474	4495	rVB7	29854	80668	5.52%	0.688%
46	16.312	4517	4532	4546	rBV3	114106	277357	18.98%	2.366%
47	16.366	4547	4549	4560	rVB7	18006	23218	1.59%	0.198%
48	16.607	4614	4624	4637	rBV5	25960	57687	3.95%	0.492%

Sum of corrected areas: 11722039

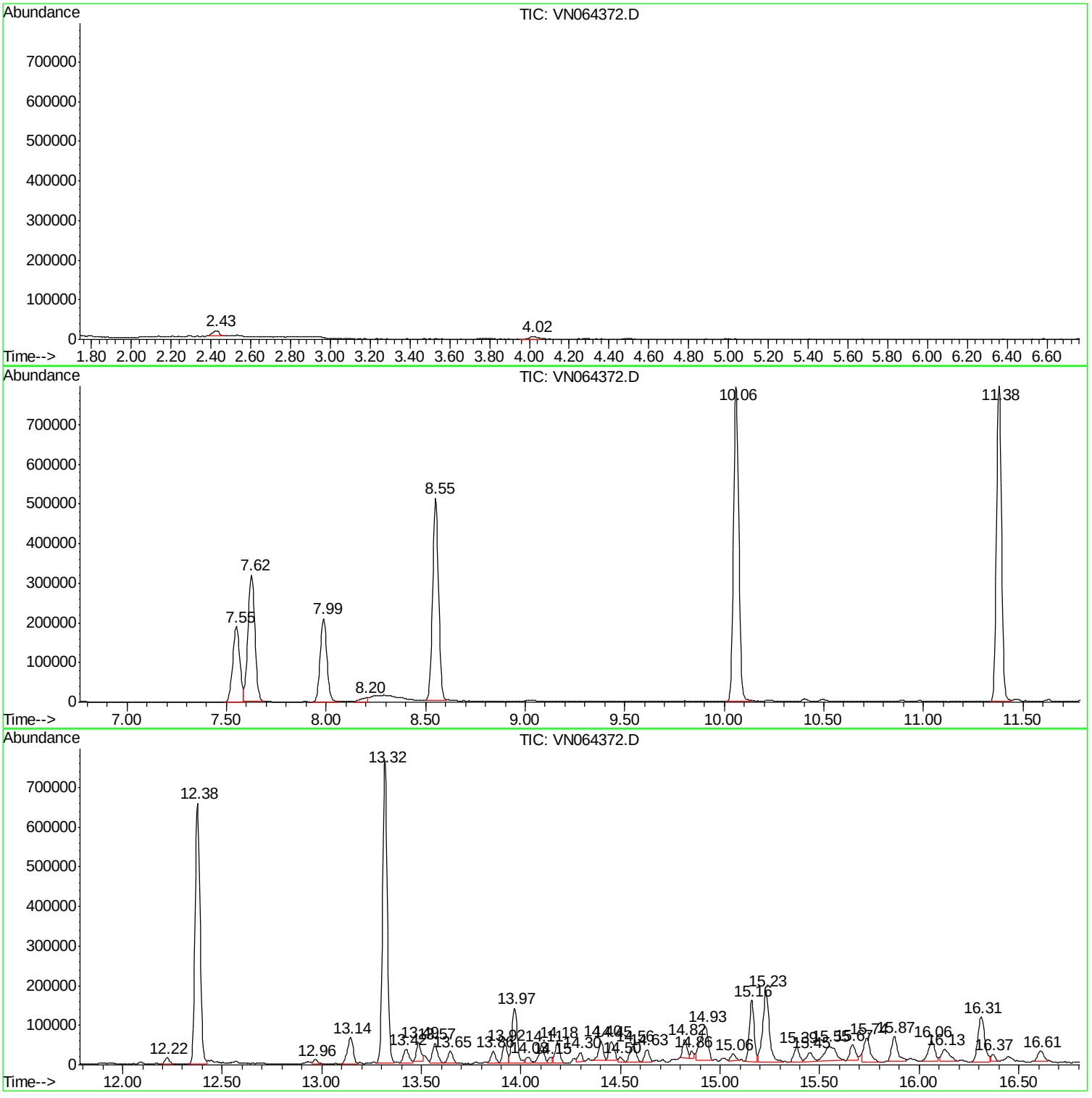
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064372.D
Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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 : VN064372.D
Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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

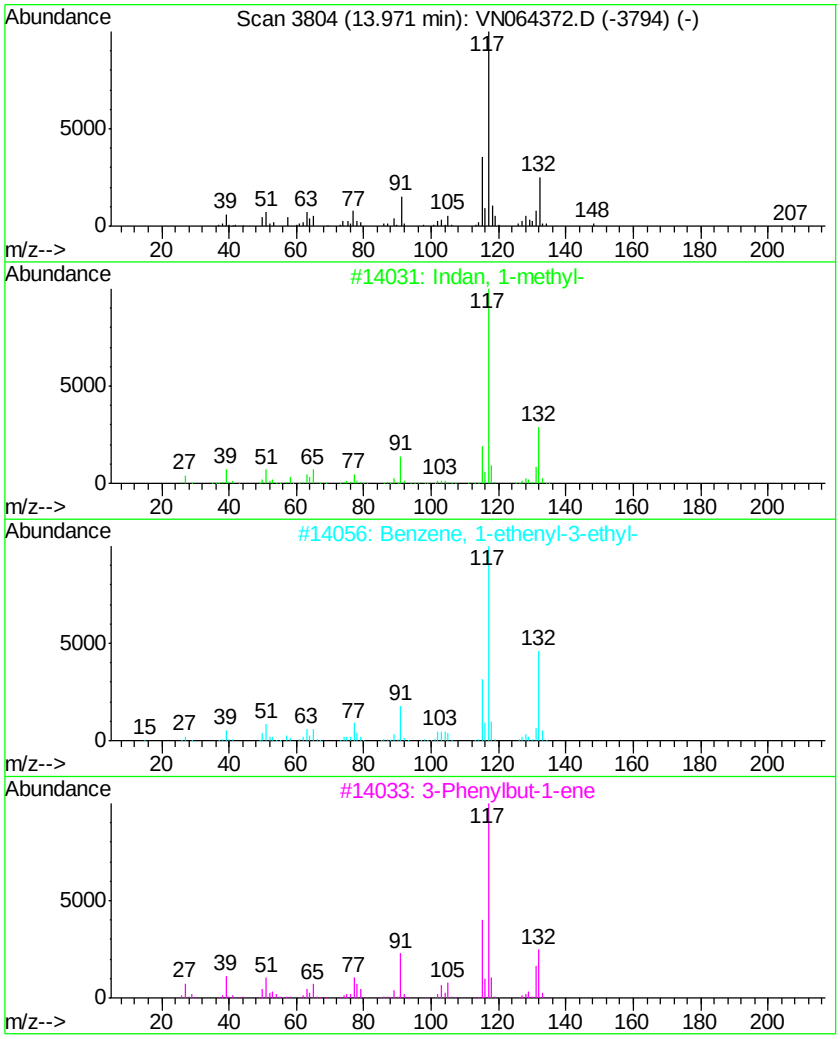
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

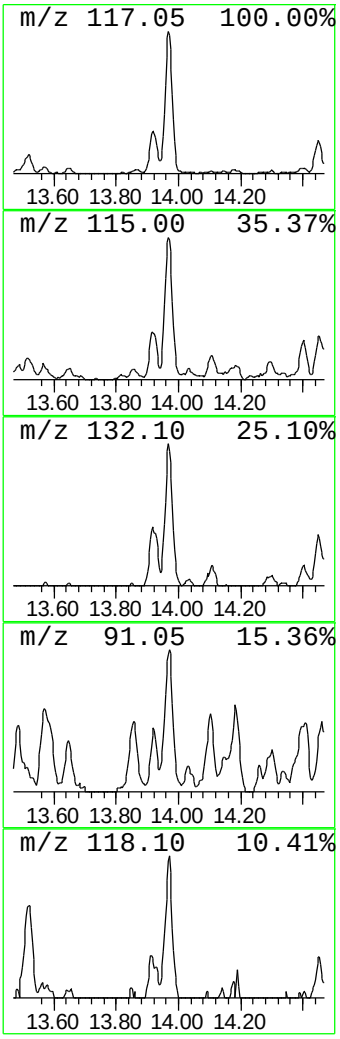
****

Peak Number 1 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	9.86 ug/l	249710	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064372.D
Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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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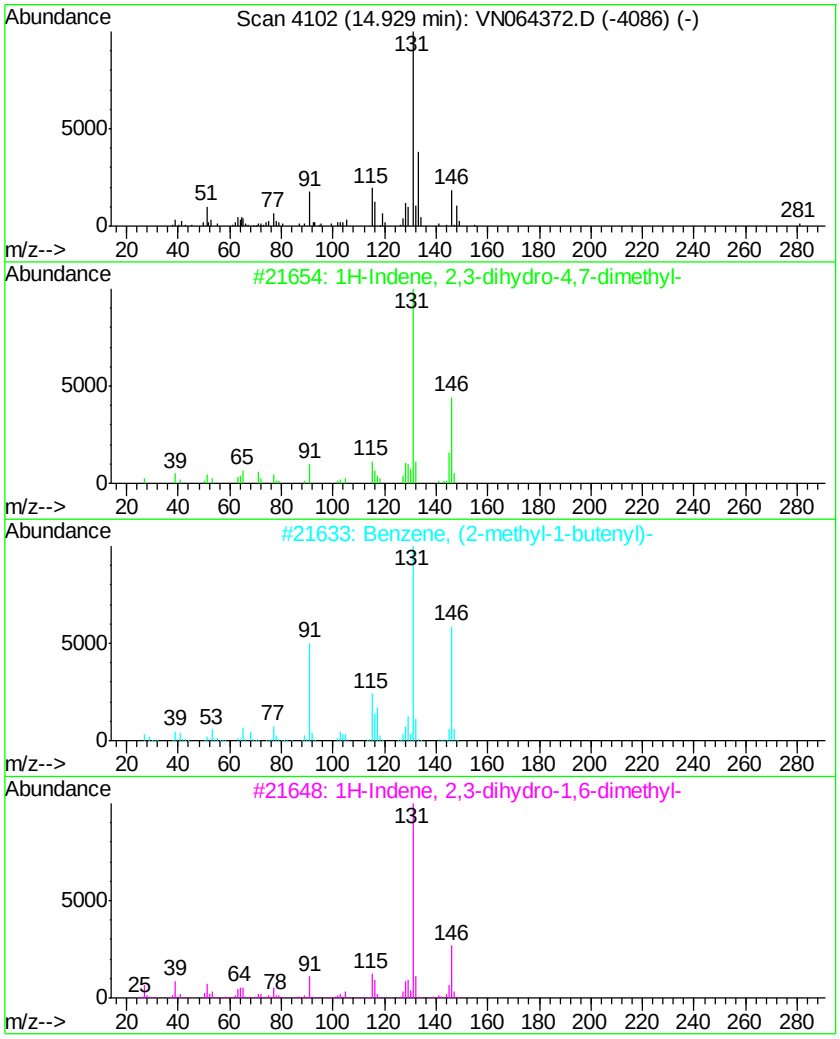
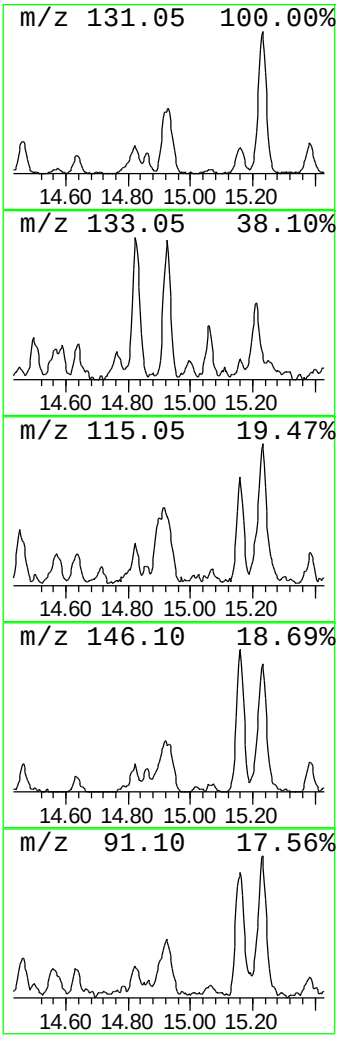
Peak Number 2 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	9.20 ug/l	232889	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
Data File : VN064372.D
Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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

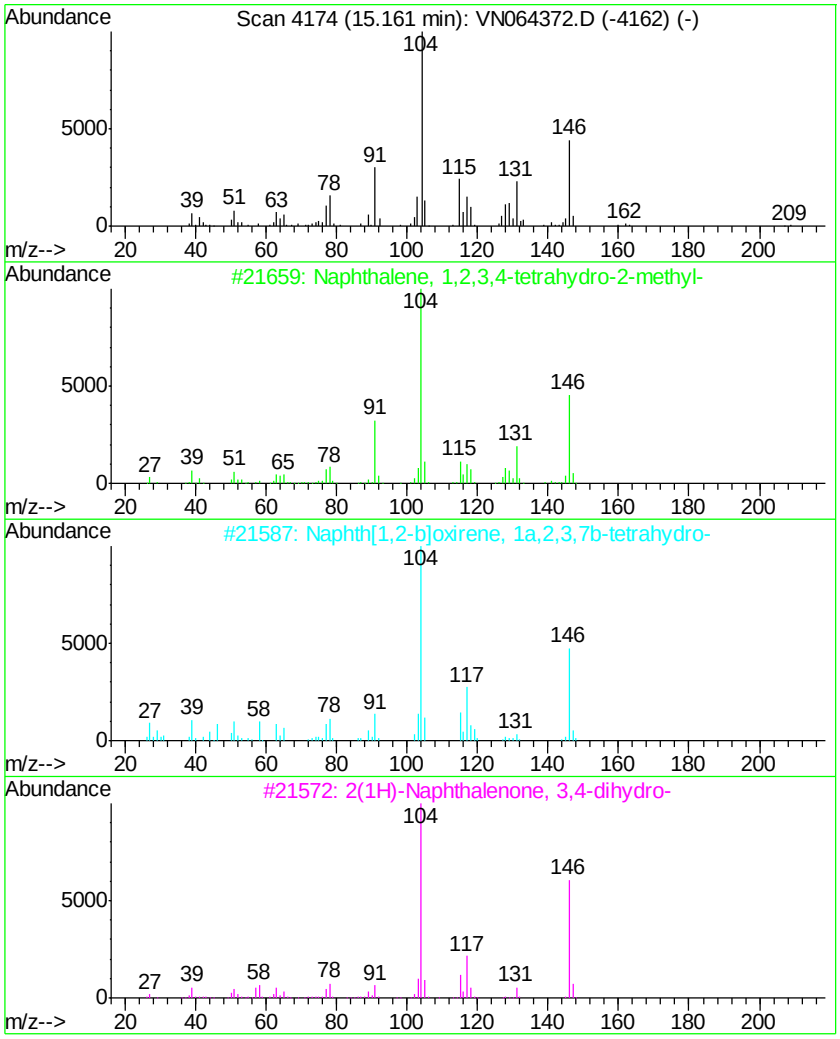
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

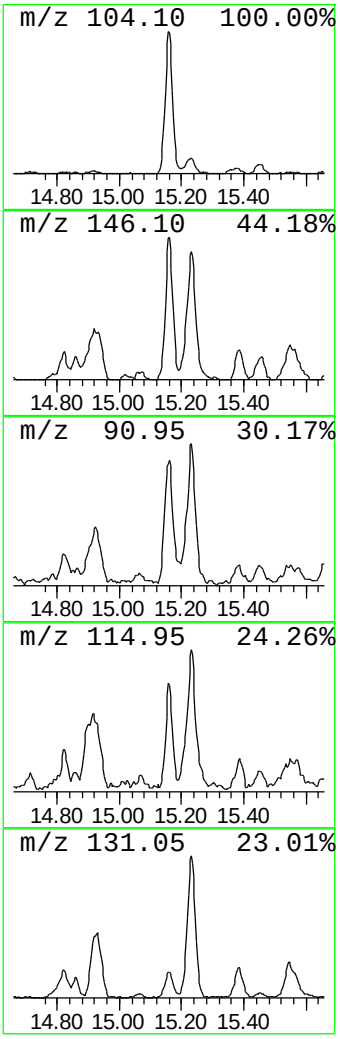
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	10.27 ug/l	259989	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
4	2,6-Piperidinedione, 3-phenyl-	189	C11H11NO2	014149-34-9	50
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064372.D
Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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

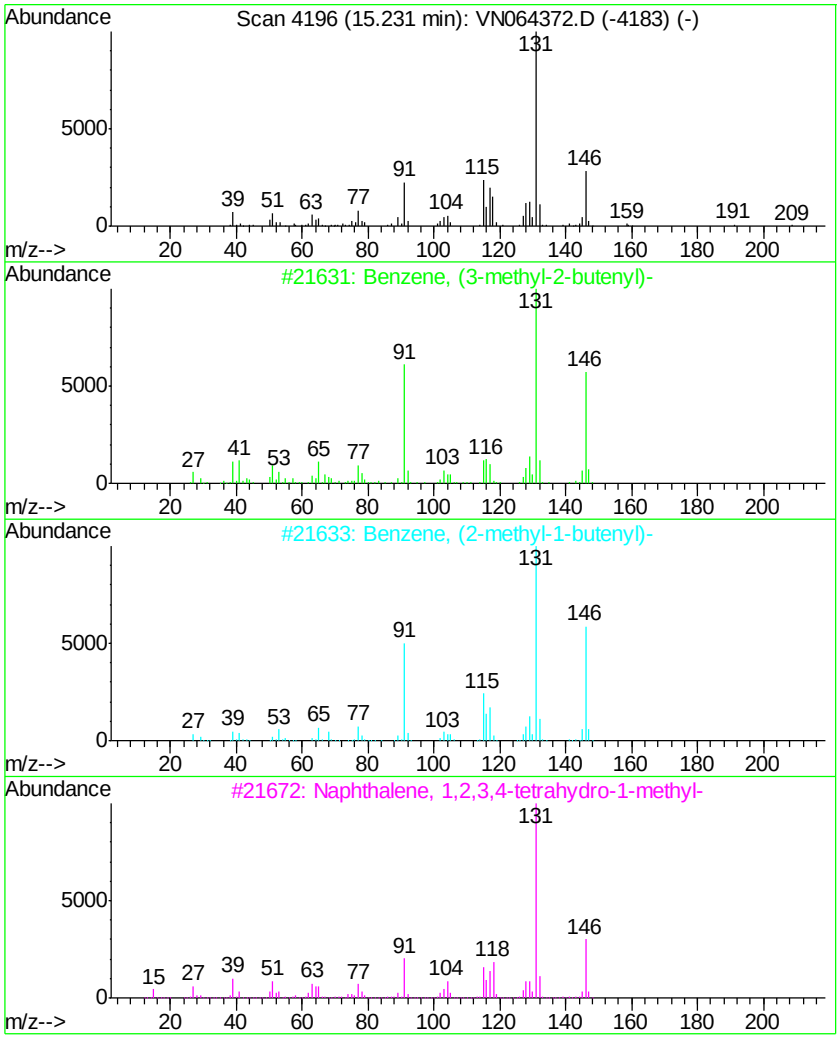
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

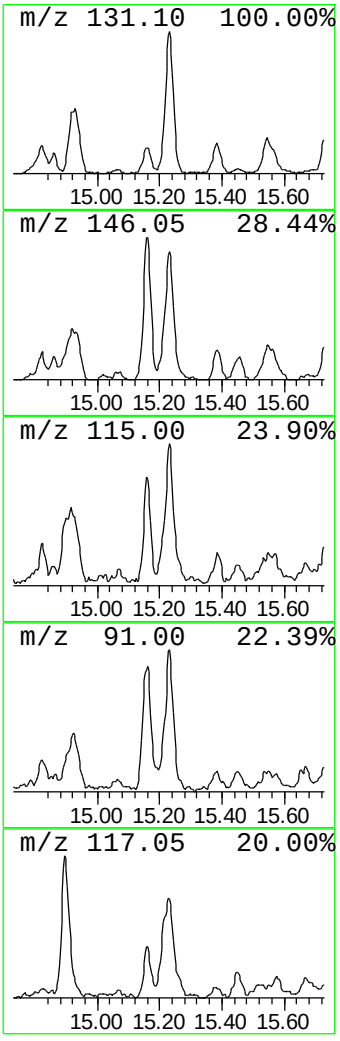
****

Peak Number 4 Benzene, (3-methyl-2-butenyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	15.94 ug/l	403614	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	83
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
Data File : VN064372.D
Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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

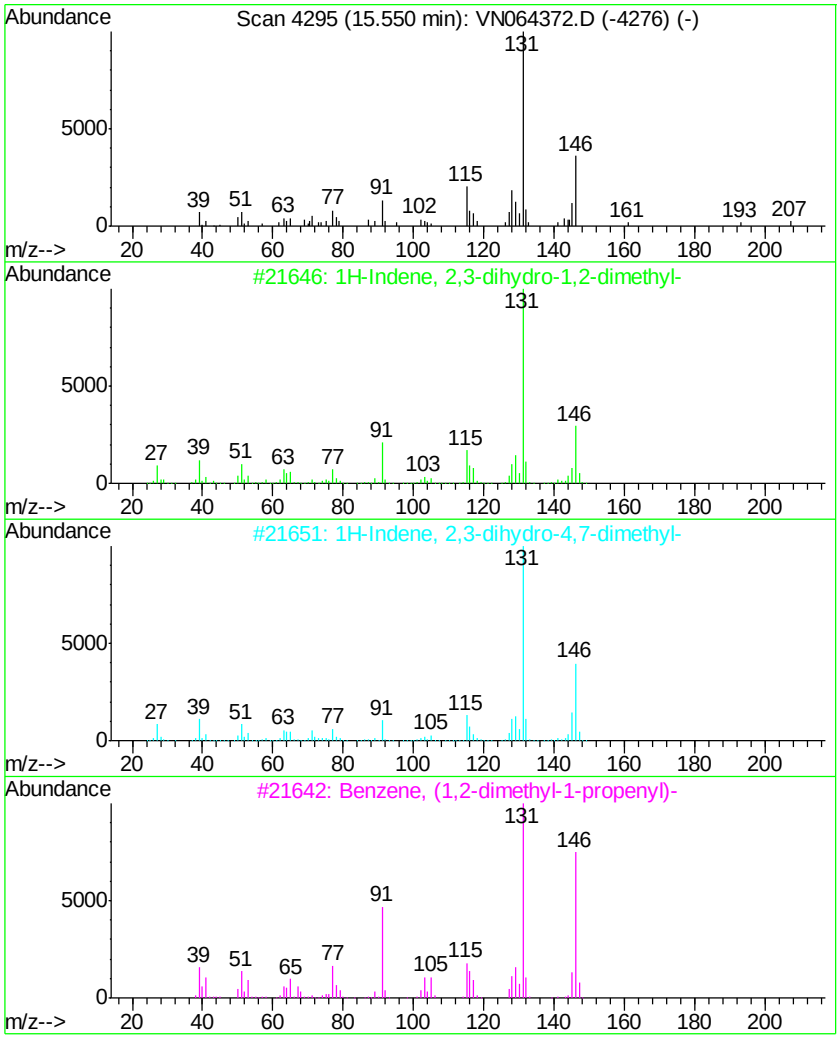
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

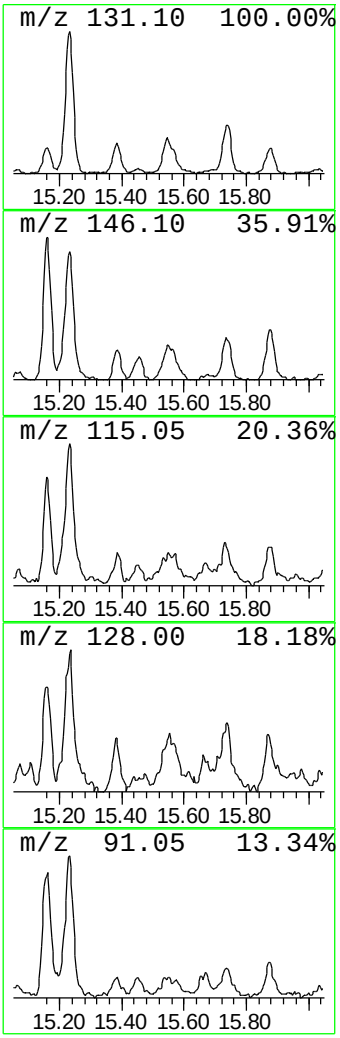
****

Peak Number 5 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	5.49 ug/l	138997	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
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Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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

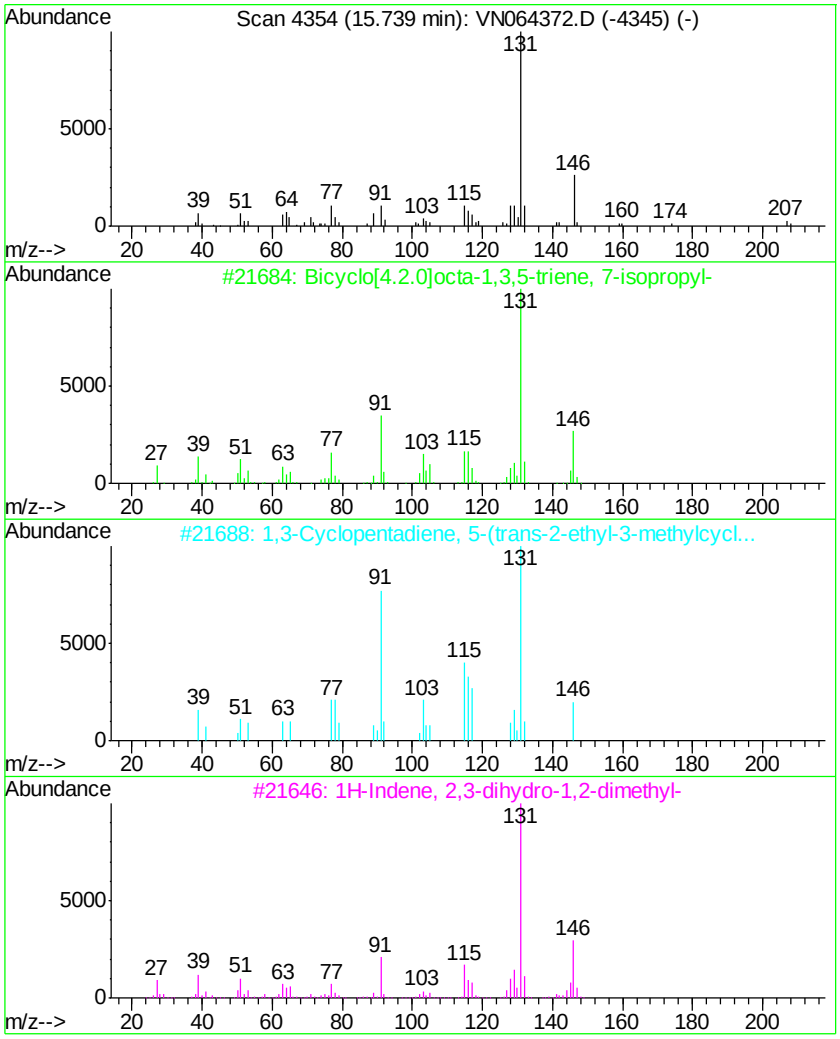
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

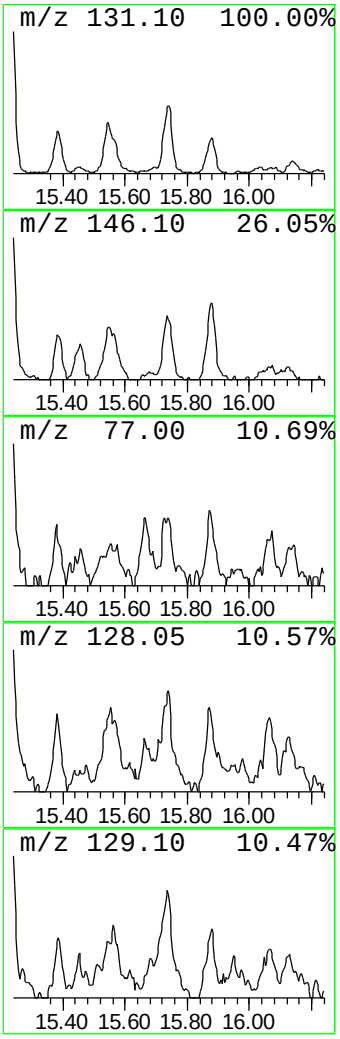
****

Peak Number 6 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	5.48 ug/l	138846	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	91
2	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064372.D
Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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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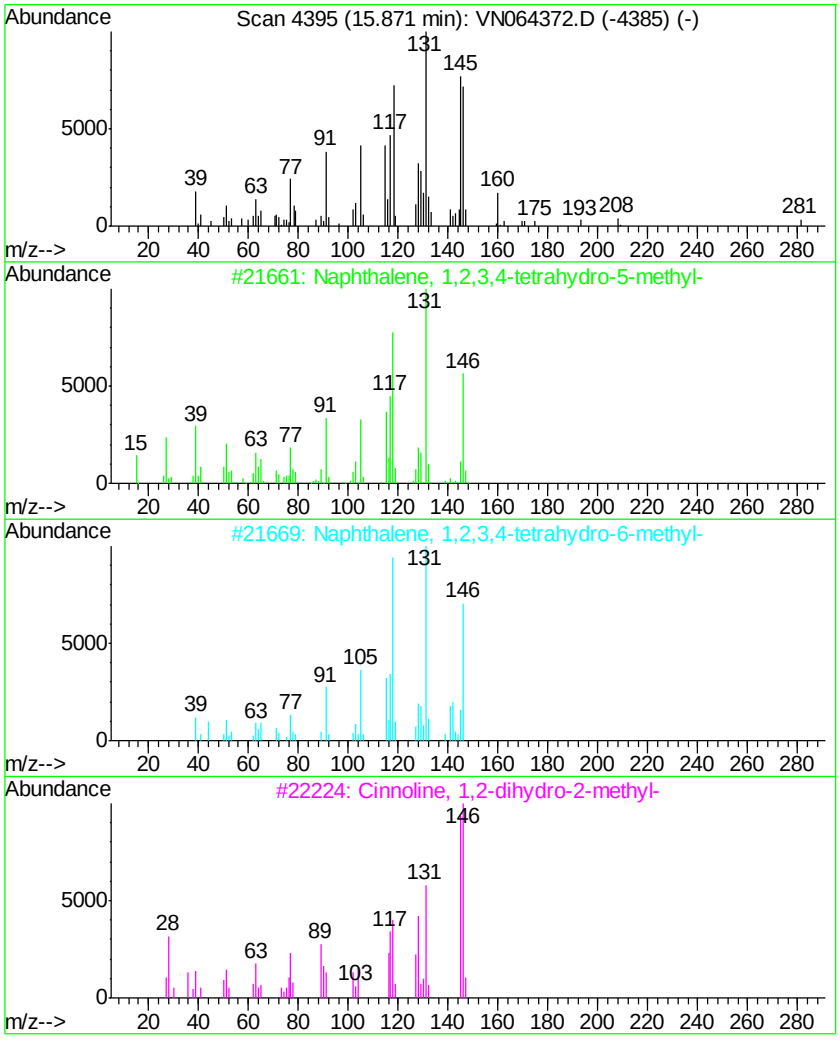
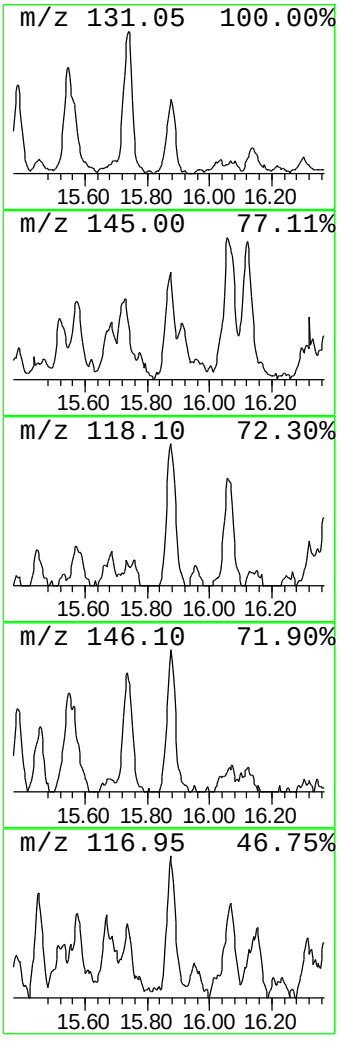
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	5.23 ug/l	132315	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
3	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	70
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	62
5	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064372.D
Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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

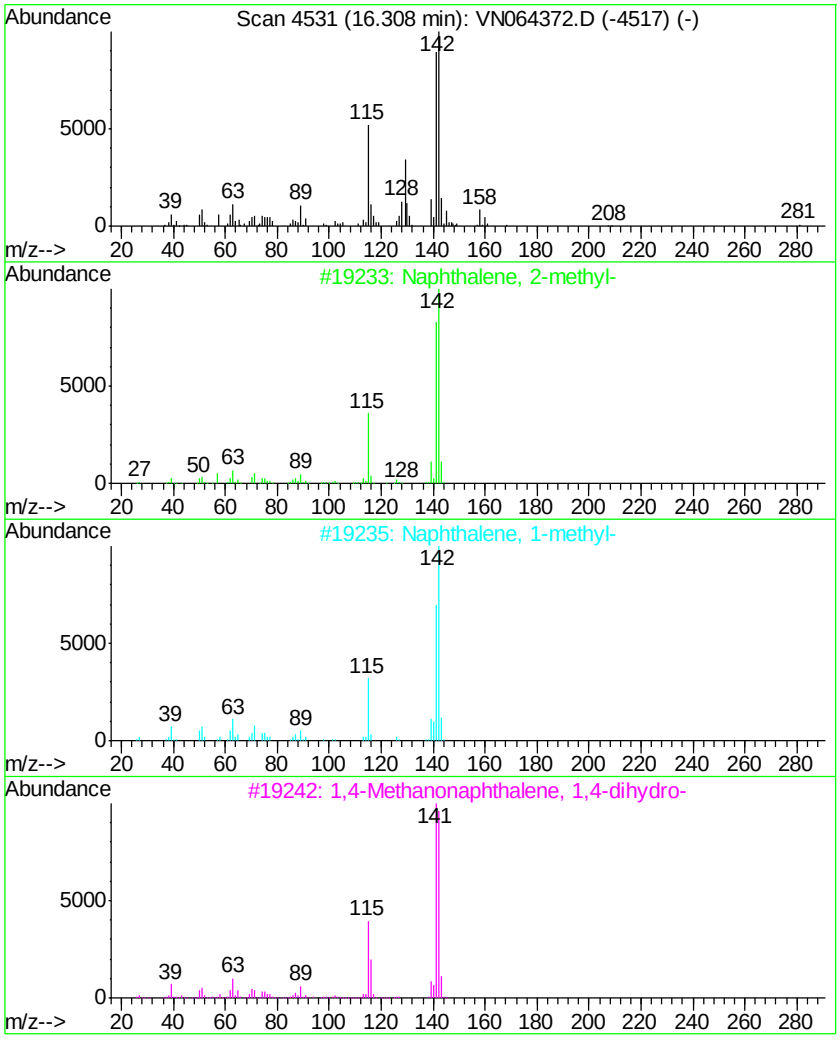
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

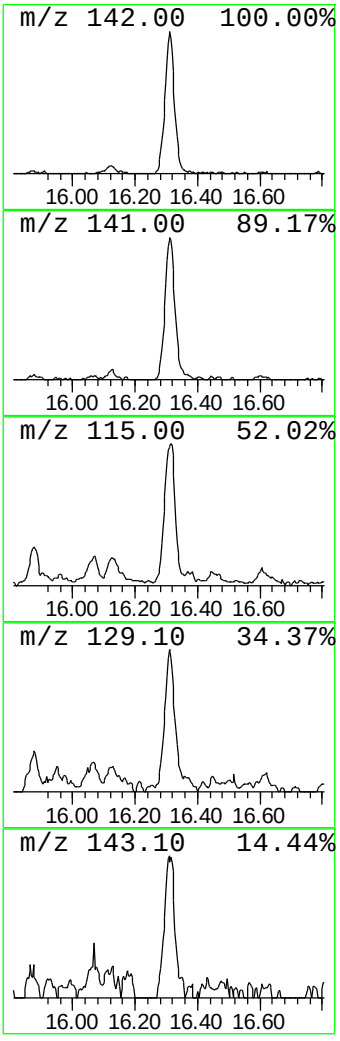
****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	10.96 ug/l	277357	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87
5	Benzocycloheptatriene	142	C11H10	000264-09-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102920\
Data File : VN064372.D
Acq On : 29 Oct 2020 14:34
Operator : JC/MD
Sample : L4554-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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
Indan, 1-methyl-	13.97	9.9	ug/l	249710	4	13.32	1265800	50.0
1H-Indene, 2,3-di...	14.93	9.2	ug/l	232889	4	13.32	1265800	50.0
Naphthalene, 1,2,...	15.16	10.3	ug/l	259989	4	13.32	1265800	50.0
Benzene, (3-methy...	15.23	15.9	ug/l	403614	4	13.32	1265800	50.0
1H-Indene, 2,3-di...	15.55	5.5	ug/l	138997	4	13.32	1265800	50.0
Bicyclo[4.2.0]oct...	15.74	5.5	ug/l	138846	4	13.32	1265800	50.0
Naphthalene, 1,2,...	15.87	5.2	ug/l	132315	4	13.32	1265800	50.0
Naphthalene, 1-me...	16.31	11.0	ug/l	277357	4	13.32	1265800	50.0