LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-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\82N052820W.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	7.548	1777	1796	1808	rBV2	192998	482134	30.63%	3.985%
2	7.625	1808	1820	1841	rVB	357736	852510	54.16%	7.046%
3	7.989	1915	1933	1959	rBV	207697	485029	30.82%	4.009%
4	8.551	2091	2108	2127	rBV	541180	1128020	71.67%	9.323%
5	10.059	2560	2577	2592	rBV	855627	1573997	100.00%	13.009%
6	11.381	2973	2988	3009	rBV	821430	1448719	92.04%	11.974%
7	12.143	3212	3225	3240	rBV6	24820	62460	3.97%	0.516%
8	12.217	3241	3248	3263	rVB4	22179	42088	2.67%	0.348%
9	12.377	3284	3298	3311	rBV	645379	1101144	69.96%	9.101%
10	12.699	3391	3398	3408	rVB10	9822	18252	1.16%	0.151%
11	12.898	3454	3460	3469	rVB2	25784	39774	2.53%	0.329%
12	12.995	3481	3490	3502	rVB10	10801	22491	1.43%	0.186%
13	13.172	3530	3545	3547	rBV10	12726	23734	1.51%	0.196%
14	13.316	3578	3590	3605	rBV	842906	1446920	91.93%	11.959%
15	13.487	3635	3643	3646	rBV2	22668	30711	1.95%	0.254%
16	13.519	3646	3653	3679	rVB3	80364	192737	12.25%	1.593%
17	13.628	3680	3687	3698	rBV3	33854	63063	4.01%	0.521%
18	13.863	3752	3760	3769	rVB	69454	107723	6.84%	0.890%
19	13.924	3770	3779	3784	rBV4	32724	52196	3.32%	0.431%
20	13.969	3784	3793	3803	rVB2	98318	165009	10.48%	1.364%
21	14.104	3828	3835	3843	rBV4	22119	33005	2.10%	0.273%
22	14.188	3852	3861	3877	rBV2	77366	133769	8.50%	1.106%
23	14.268	3880	3886	3893	rVB4	22657	32692	2.08%	0.270%
24	14.339	3902	3908	3916	rBV4	14626	19797	1.26%	0.164%
25	14.403	3918	3928	3935	rVB5	33757	55456	3.52%	0.458%
26	14.451	3935	3943	3952	rBV2	51690	83520	5.31%	0.690%
27	14.564	3967	3978	3990	rBV4	210132	433341	27.53%	3.582%
28	14.625	3991	3997	4009	rVB3	30508	52060	3.31%	0.430%
29	14.824	4049	4059	4066	rBV3	109214	196413	12.48%	1.623%
30	14.930	4082	4092	4103	rVB2	143108	289544	18.40%	2.393%
31	15.062	4127	4133	4143	rVB3	20154	34373	2.18%	0.284%
32	15.162	4157	4164	4170	rBV3	23789	39217	2.49%	0.324%
33	15.213	4172	4180	4189	rBV5	52899	121356	7.71%	1.003%
34	15.387	4224	4234	4246	rBV2	99380	185352	11.78%	1.532%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-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\82N052820W.M
Title : SW846 8260

35	15.545	4274	4283	4289	rBV2	94535	175254	11.13%	1.448%
36	15.664	4312	4320	4330	rVB2	65853	111042	7.05%	0.918%
37	15.734	4331	4342	4353	rBV3	97108	214513	13.63%	1.773%
38	15.876	4376	4386	4398	rBV3	100787	199035	12.65%	1.645%
39	16.065	4430	4445	4456	rVB5	44746	117371	7.46%	0.970%
40	16.123	4456	4463	4472	rBV3	20326	37827	2.40%	0.313%
41	16.310	4508	4521	4538	rBV7	72715	195560	12.42%	1.616%

Sum of corrected areas: 12099208

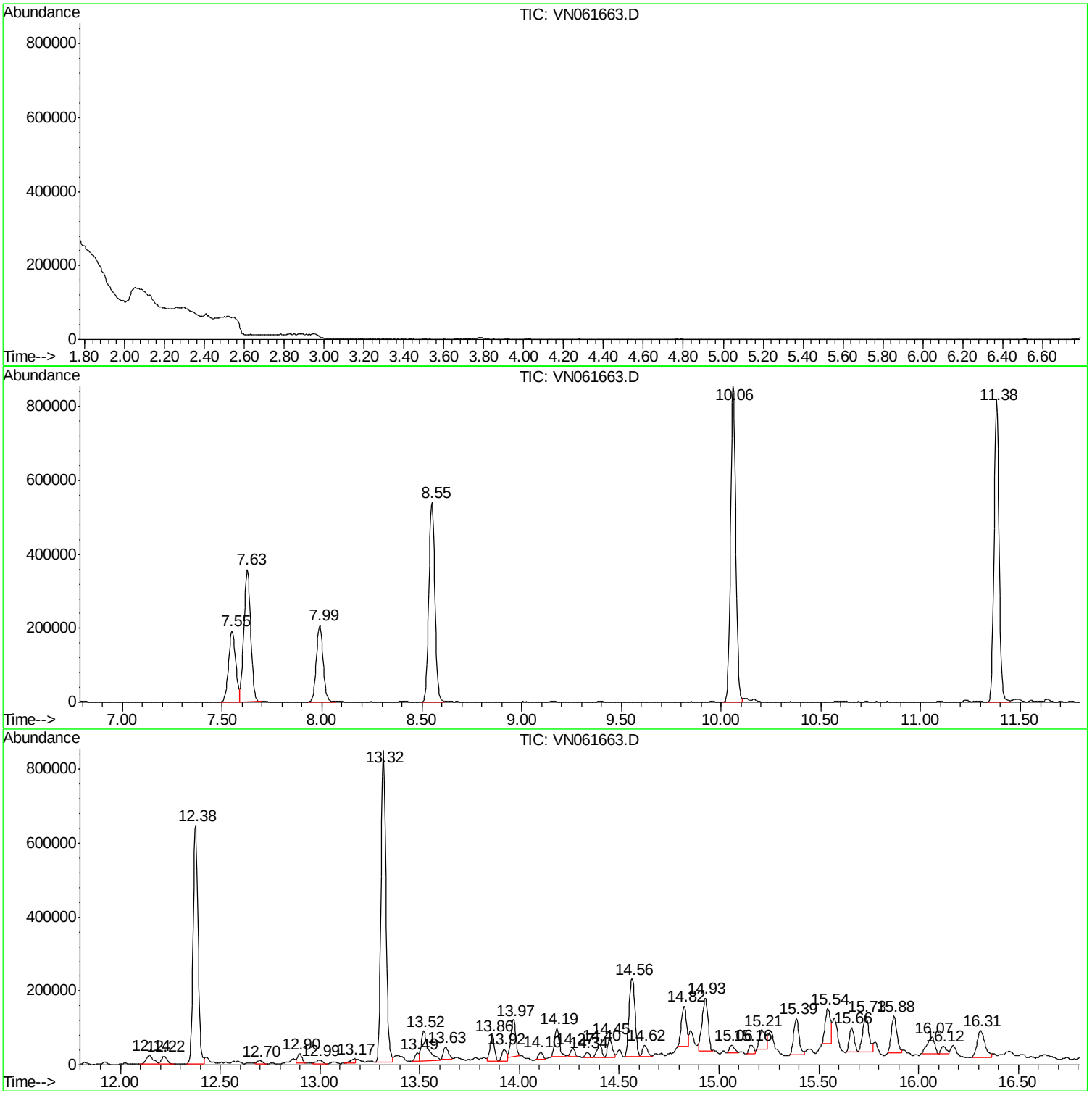
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

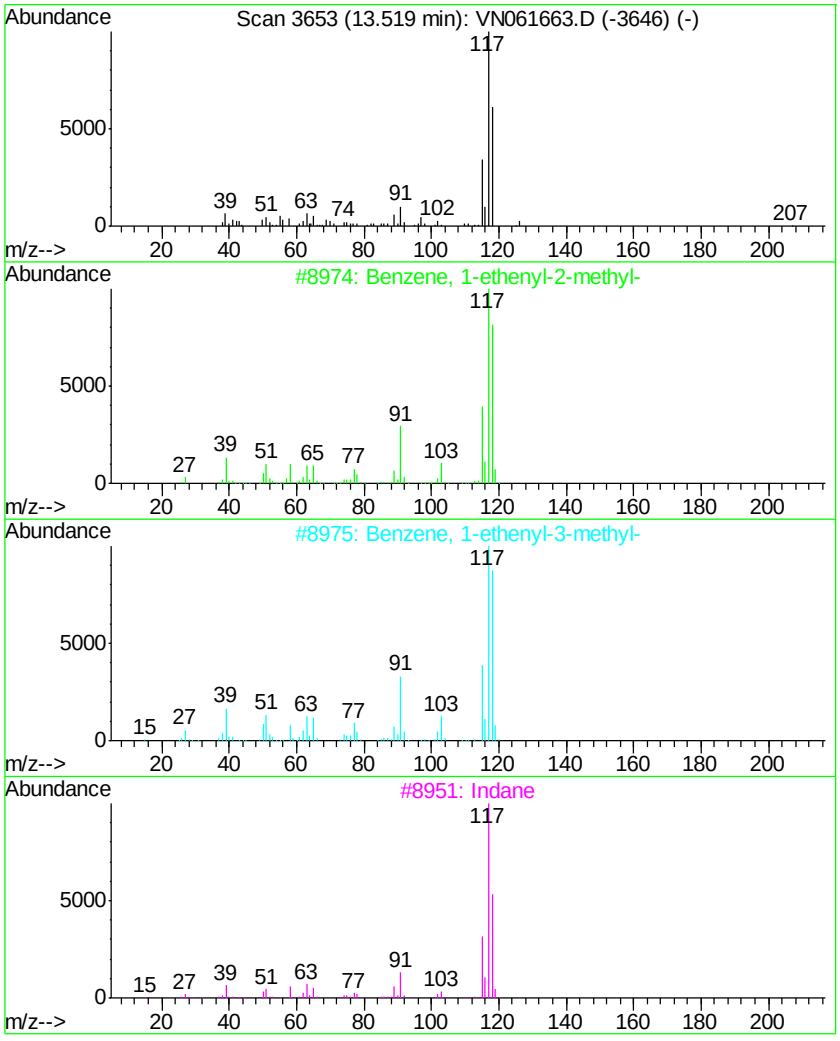
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

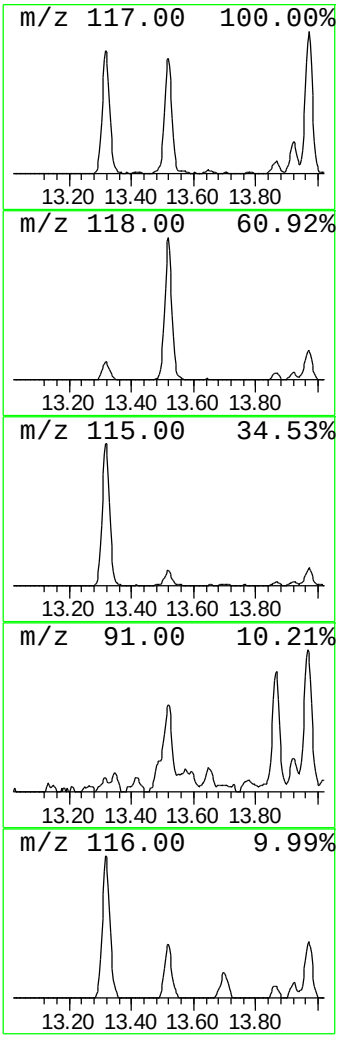
****

Peak Number 1 Benzene, 1-ethenyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	6.66 ug/l	192737	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	74
3	Indane	118	C9H10	000496-11-7	68
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

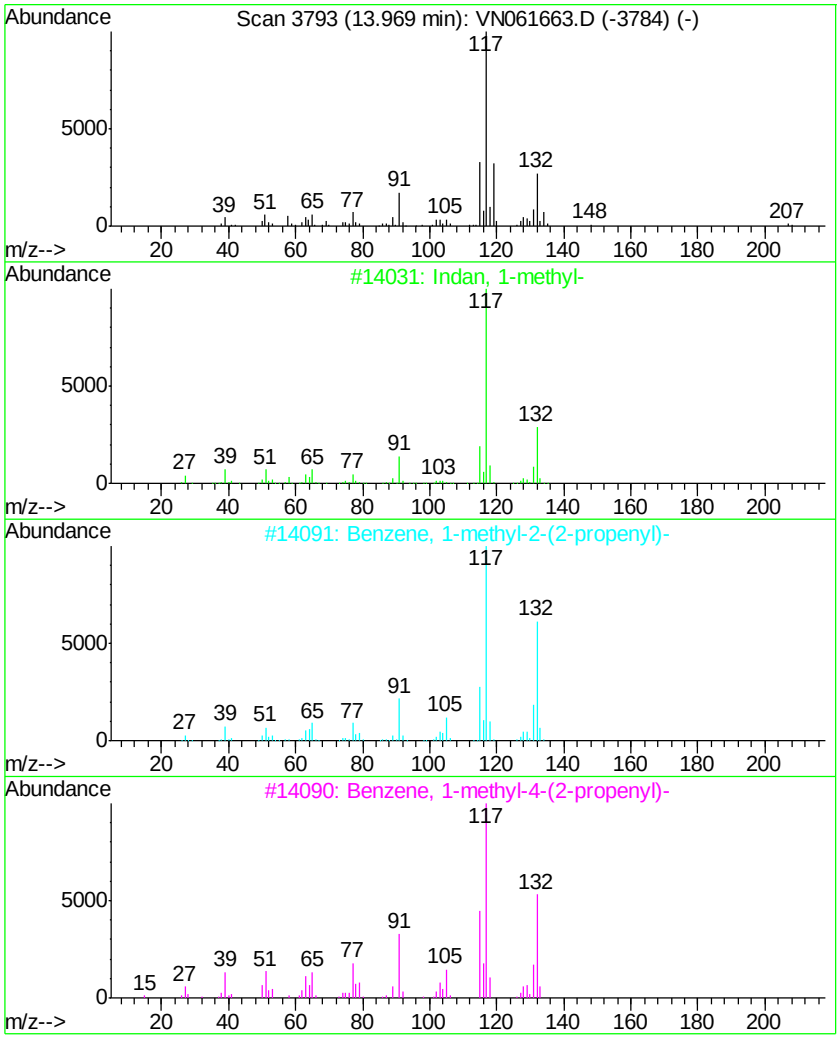
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

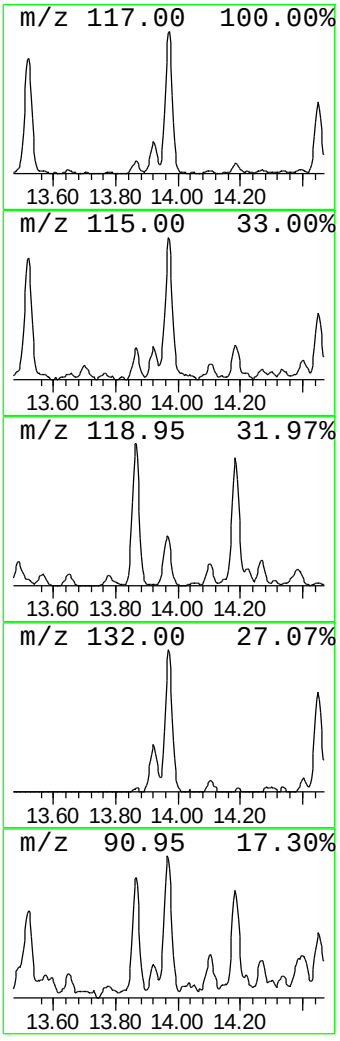
****

Peak Number 2 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	5.70 ug/l	165009	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	76
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	74
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

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

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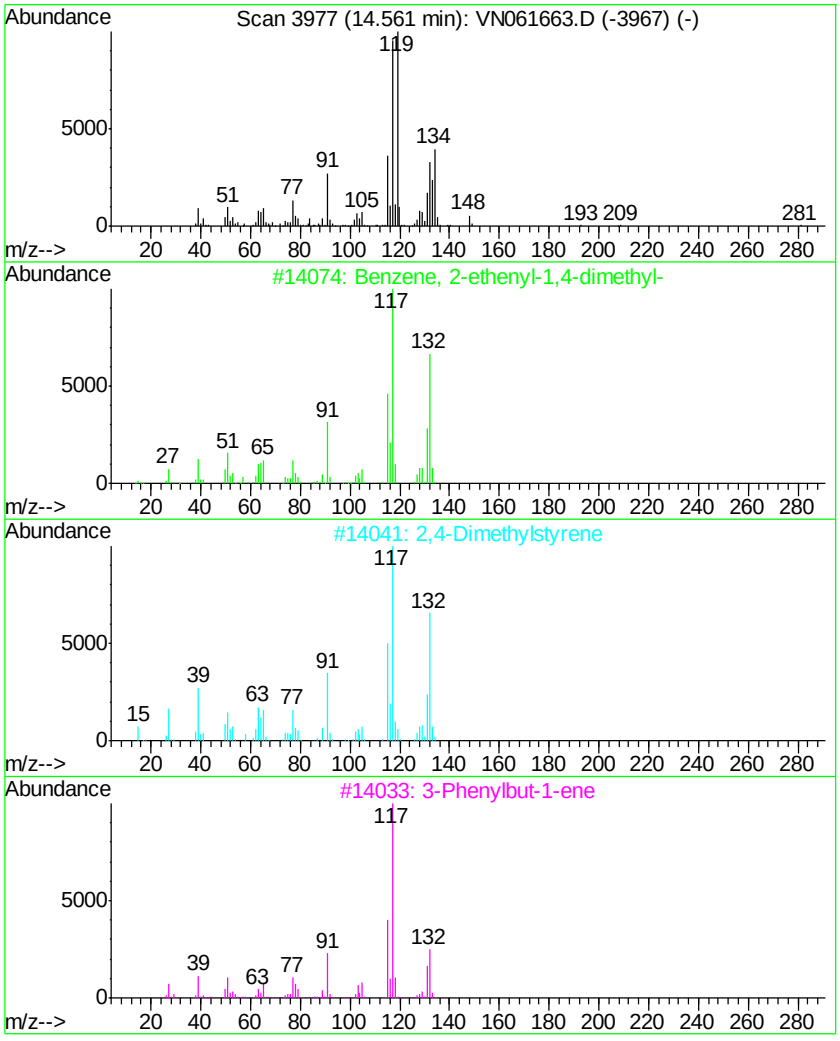
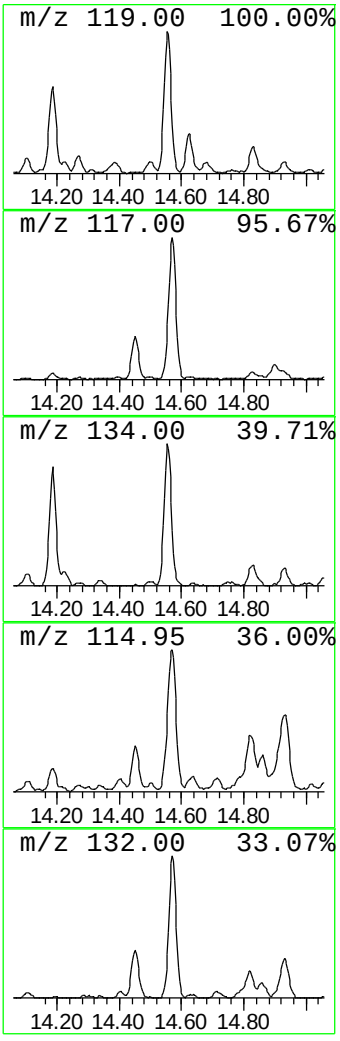
Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	14.97 ug/l	433341	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	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

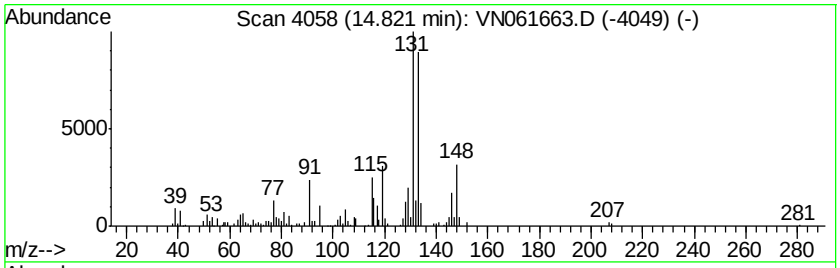
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

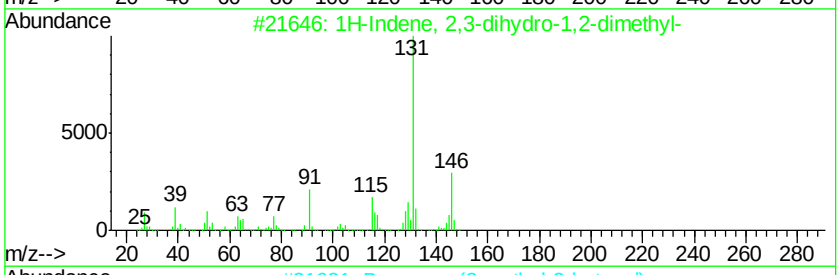
****

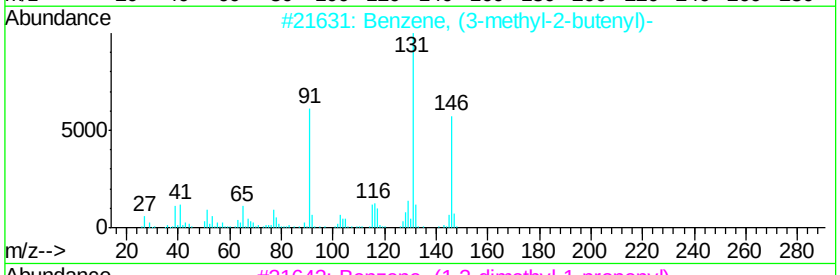
Peak Number 4 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 5

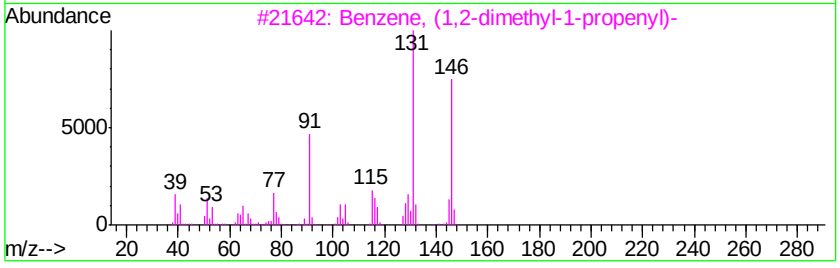
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	6.79 ug/l	196413	1,4-Dichlorobenzene-d4	13.32

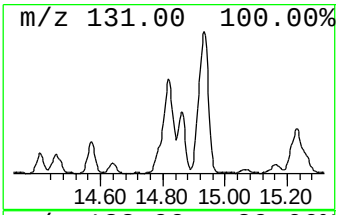
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	50
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49

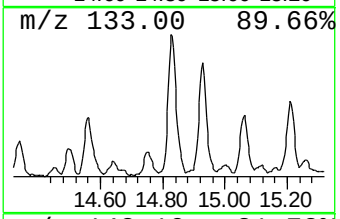


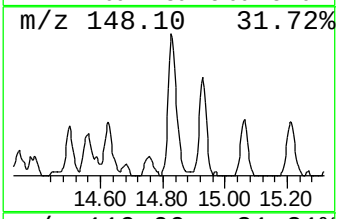


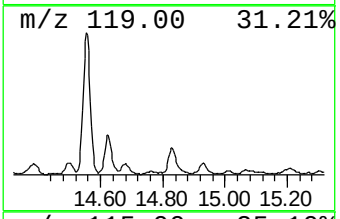


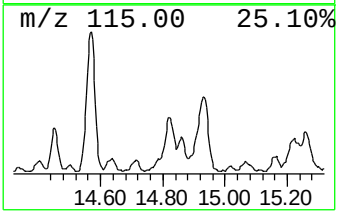












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

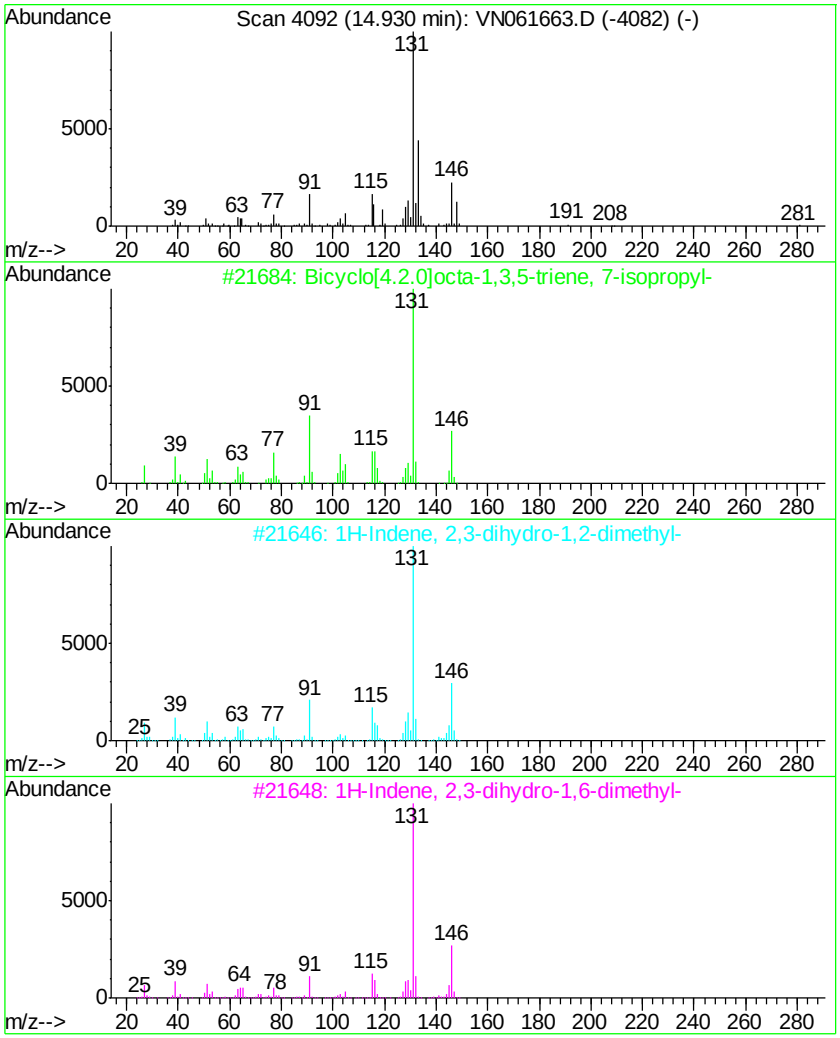
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

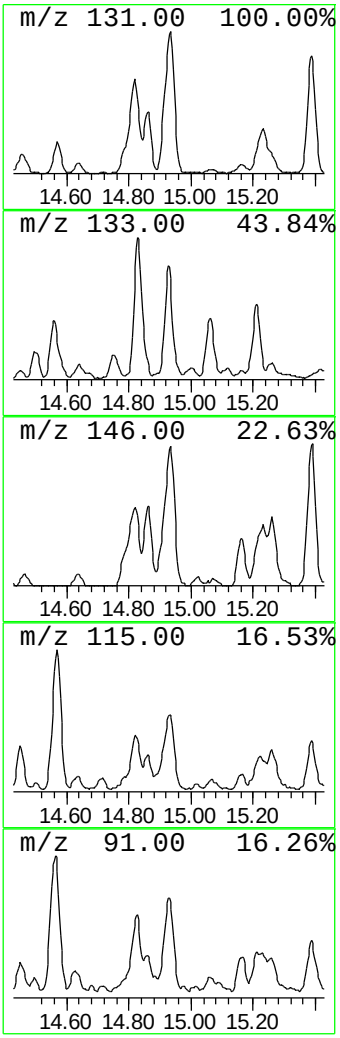
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	10.01 ug/l	289544	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	70
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

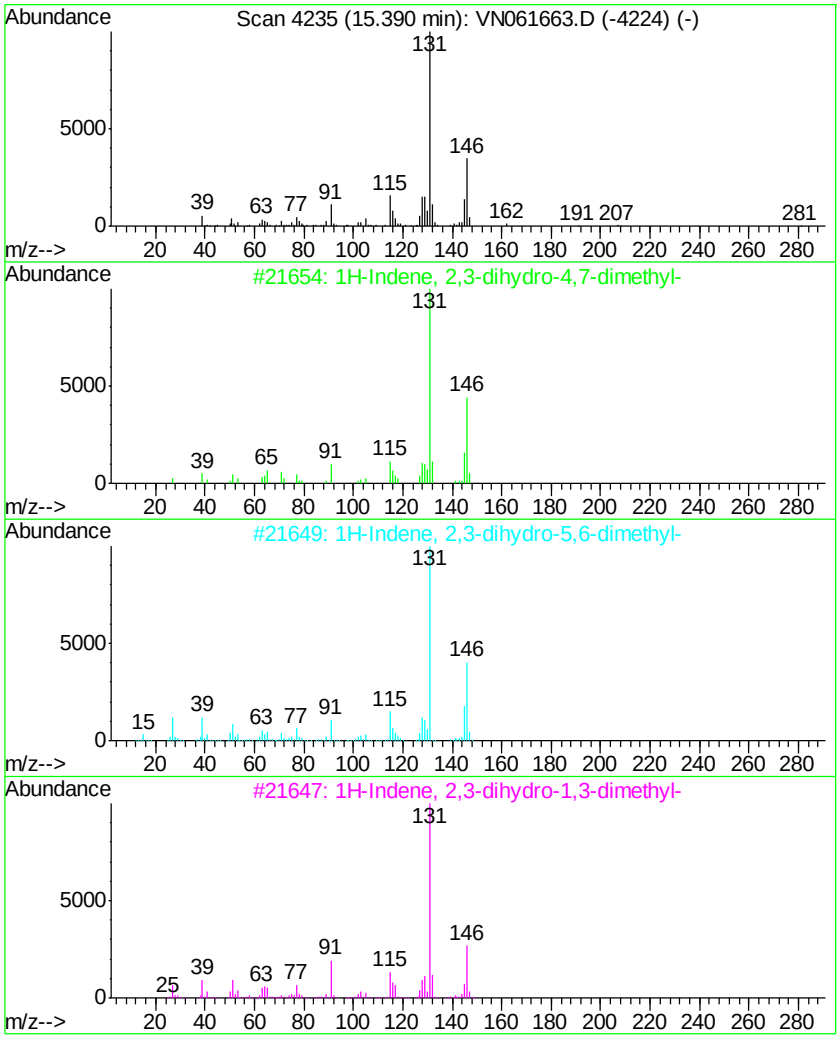
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

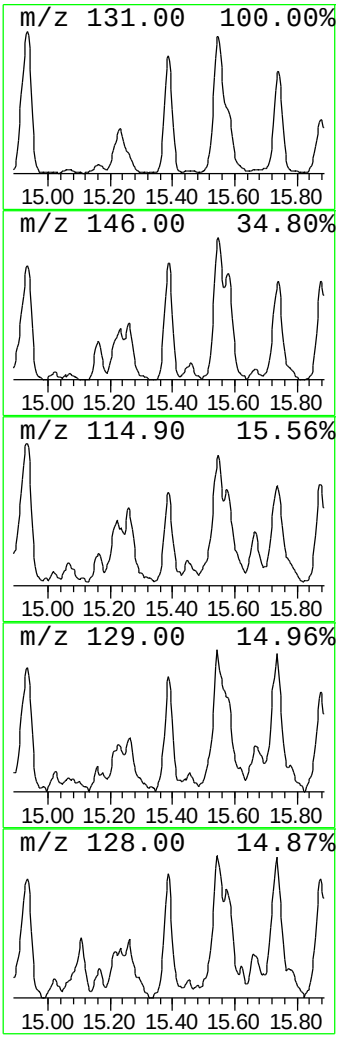
****

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	6.41 ug/l	185352	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	96
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

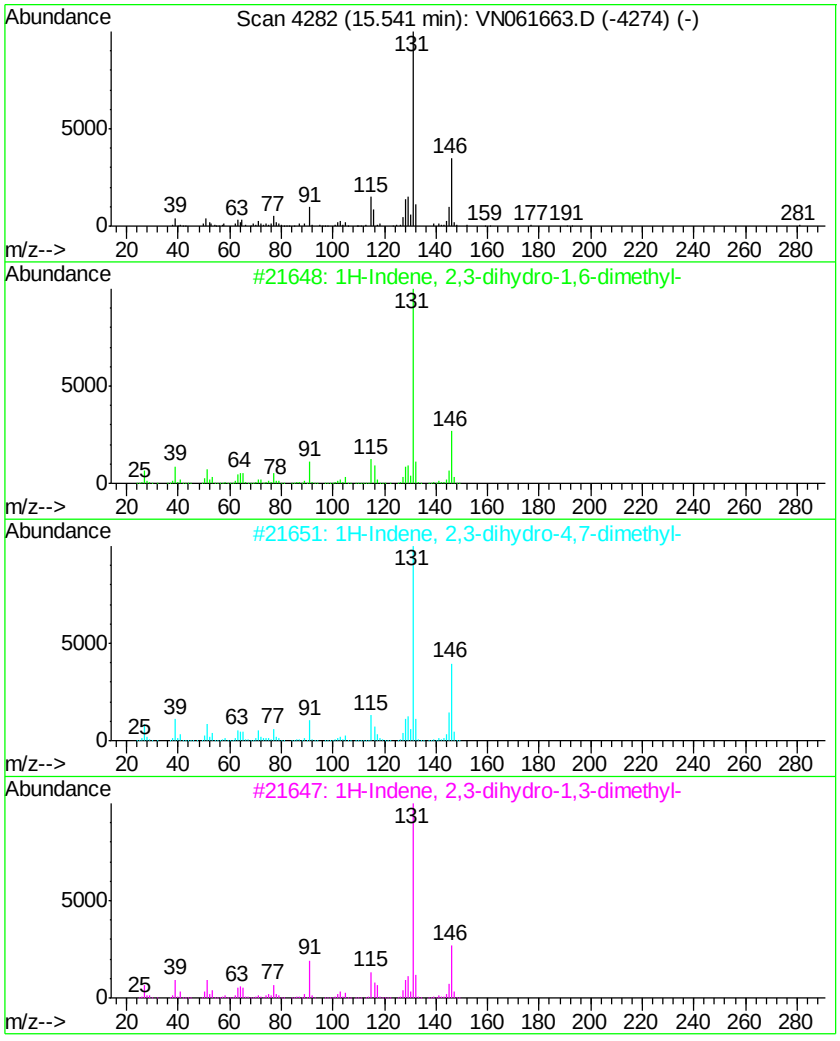
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

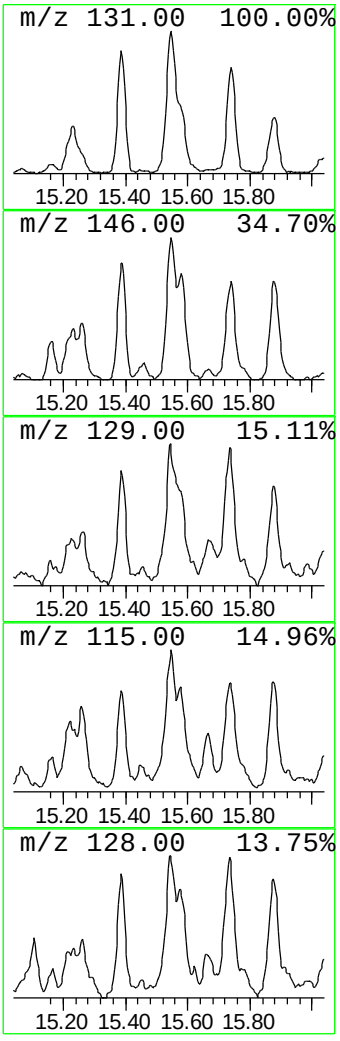
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	6.06 ug/l	175254	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

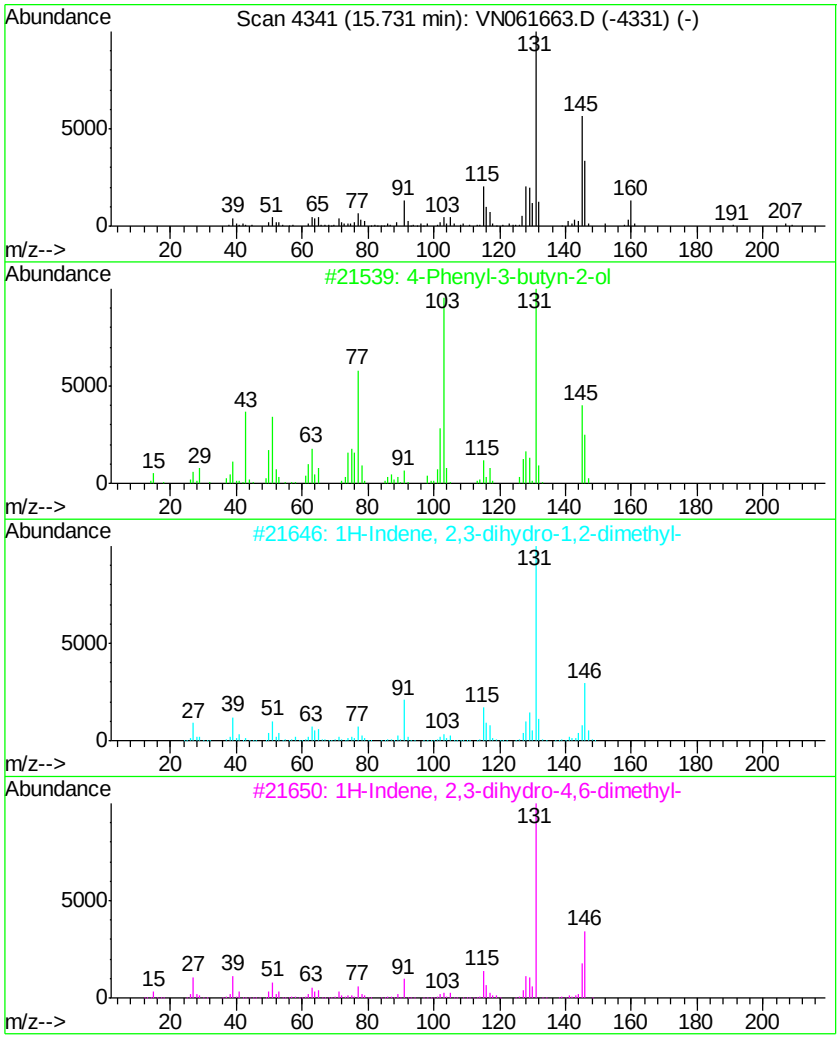
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

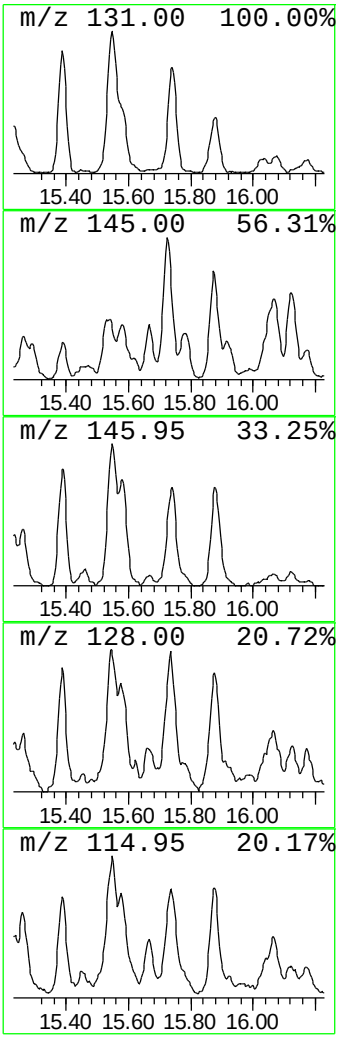
****

Peak Number 8 4-Phenyl-3-butyn-2-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	7.41 ug/l	214513	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenyl-3-butyn-2-ol	146	C10H10O	1000118-15-0	72
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	68
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	64
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	62
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

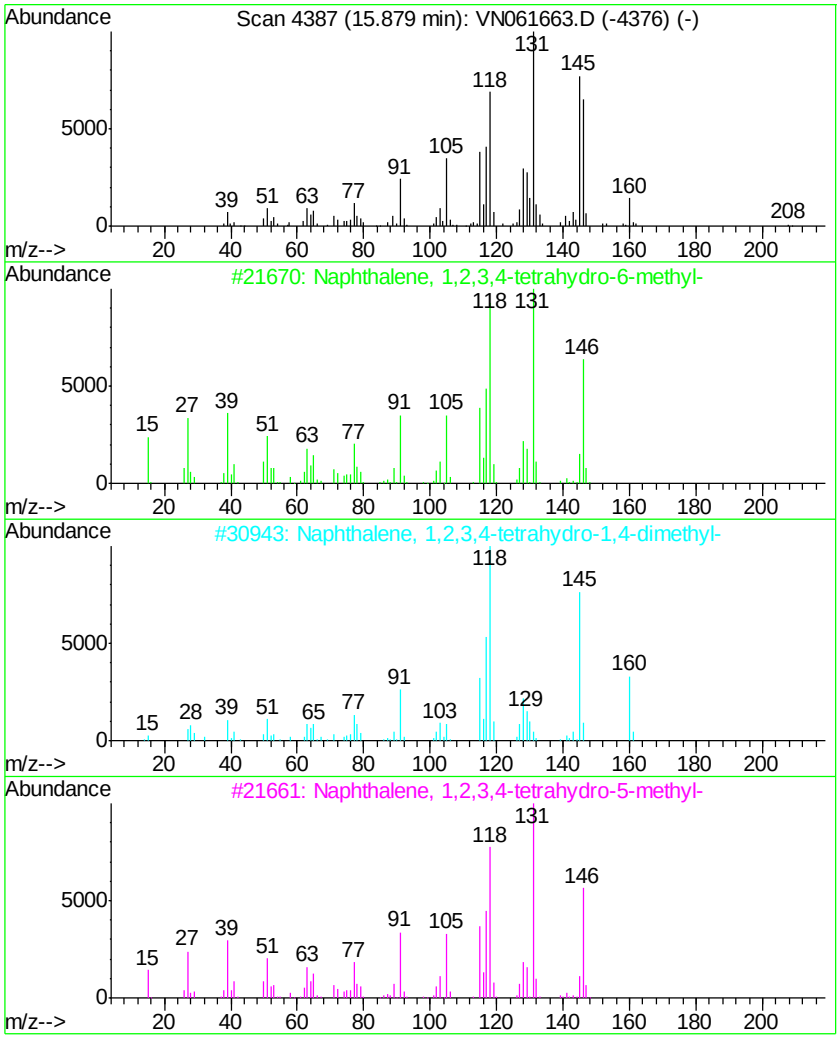
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

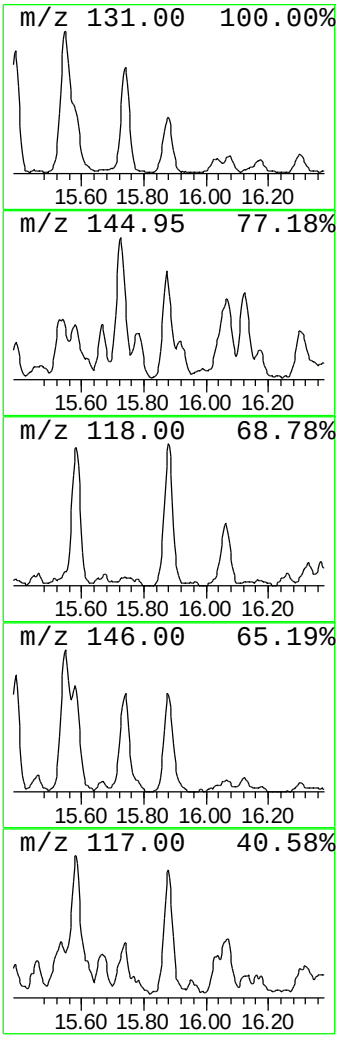
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	6.88 ug/l	199035	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	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061663.D
Acq On : 5 Jun 2020 12:47
Operator : JC/MD
Sample : L2904-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.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
Benzene, 1-etheny...	13.52	6.7	ug/l	192737	4	13.32	1446920	50.0
Indan, 1-methyl-	13.97	5.7	ug/l	165009	4	13.32	1446920	50.0
Benzene, 2-etheny...	14.56	15.0	ug/l	433341	4	13.32	1446920	50.0
1H-Indene, 2,3-di...	14.82	6.8	ug/l	196413	4	13.32	1446920	50.0
Bicyclo[4.2.0]oct...	14.93	10.0	ug/l	289544	4	13.32	1446920	50.0
1H-Indene, 2,3-di...	15.39	6.4	ug/l	185352	4	13.32	1446920	50.0
1H-Indene, 2,3-di...	15.54	6.1	ug/l	175254	4	13.32	1446920	50.0
4-Phenyl-3-butyn-...	15.73	7.4	ug/l	214513	4	13.32	1446920	50.0
Naphthalene, 1,2,...	15.88	6.9	ug/l	199035	4	13.32	1446920	50.0