LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

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\82N091019W.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	3.799	614	630	662	rBV	174005	458146	6.74%	1.215%
2	4.050	692	708	738	rBV	60142	176828	2.60%	0.469%
3	5.024	986	1011	1036	rBV4	45665	172858	2.54%	0.458%
4	7.577	1786	1805	1816	rBV	285738	702237	10.33%	1.862%
5	7.651	1817	1828	1850	rVB	362606	879340	12.94%	2.332%
6	8.014	1923	1941	1965	rBV	368933	864548	12.72%	2.292%
7	8.577	2100	2116	2139	rVB	538111	1135255	16.70%	3.010%
8	9.072	2255	2270	2286	rVB2	35799	77840	1.15%	0.206%
9	10.088	2568	2586	2616	rBV	1222505	2281470	33.56%	6.050%
10	11.406	2982	2996	3016	rBV	779785	1383698	20.35%	3.669%
11	12.249	3246	3258	3270	rVB	50692	86359	1.27%	0.229%
12	12.403	3290	3306	3322	rBV	850914	1423859	20.95%	3.776%
13	12.998	3484	3491	3500	rVB2	46029	70851	1.04%	0.188%
14	13.175	3531	3546	3555	rBV2	103557	225471	3.32%	0.598%
15	13.348	3587	3600	3619	rVB	950014	1589797	23.39%	4.216%
16	13.448	3619	3631	3641	rBV	131589	210884	3.10%	0.559%
17	13.548	3641	3662	3673	rVV2	1677769	3287247	48.36%	8.717%
18	13.596	3673	3677	3693	rVV2	101073	182169	2.68%	0.483%
19	13.680	3693	3703	3714	rVB	254883	404703	5.95%	1.073%
20	13.895	3758	3770	3779	rBV	1126538	1713379	25.20%	4.543%
21	13.953	3779	3788	3794	rVV	418018	692899	10.19%	1.837%
22	14.001	3794	3803	3815	rVV2	1600415	2645522	38.92%	7.015%
23	14.139	3834	3846	3854	rBV	154649	260714	3.84%	0.691%
24	14.217	3854	3870	3886	rVB	989966	1600374	23.54%	4.244%
25	14.371	3911	3918	3925	rVB	67766	92113	1.36%	0.244%
26	14.435	3925	3938	3944	rBV3	104250	203713	3.00%	0.540%
27	14.483	3944	3953	3963	rVV2	468844	779209	11.46%	2.066%
28	14.532	3963	3968	3974	rVV3	52159	76275	1.12%	0.202%
29	14.593	3974	3987	4001	rVV4	3345854	6797995	100.00%	18.026%
30	14.664	4001	4009	4019	rVB5	90382	160718	2.36%	0.426%
31	14.856	4047	4069	4075	rVV3	260005	660217	9.71%	1.751%
32	14.895	4075	4081	4088	rVV	254329	421902	6.21%	1.119%
33	14.963	4090	4102	4112	rVV2	481078	1101533	16.20%	2.921%
34	15.011	4112	4117	4124	rVV4	85721	138733	2.04%	0.368%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

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\82N091019W.M
Title : SW846 8260

35	15.049	4124	4129	4135	rVV	53184	81787	1.20%	0.217%
36	15.091	4135	4142	4155	rVB	136274	223387	3.29%	0.592%
37	15.184	4160	4171	4178	rBV	223420	361469	5.32%	0.958%
38	15.249	4178	4191	4217	rVB4	274263	911339	13.41%	2.417%
39	15.390	4224	4235	4245	rBV	116296	198794	2.92%	0.527%
40	15.451	4245	4254	4266	rVV3	105569	175374	2.58%	0.465%
41	15.538	4268	4281	4283	rVV2	228044	347640	5.11%	0.922%
42	15.567	4284	4290	4304	rVB	514010	839193	12.34%	2.225%
43	15.641	4305	4313	4322	rBV	84014	142905	2.10%	0.379%
44	15.709	4324	4334	4342	rVV2	92257	158093	2.33%	0.419%
45	15.834	4359	4373	4386	rBV2	492928	900093	13.24%	2.387%
46	15.998	4409	4424	4432	rBV4	54423	114043	1.68%	0.302%
47	16.213	4478	4491	4501	rBV3	89467	203745	3.00%	0.540%
48	16.667	4622	4632	4650	rBV5	35666	96004	1.41%	0.255%

Sum of corrected areas: 37712722

LSC Report - Integrated Chromatogram

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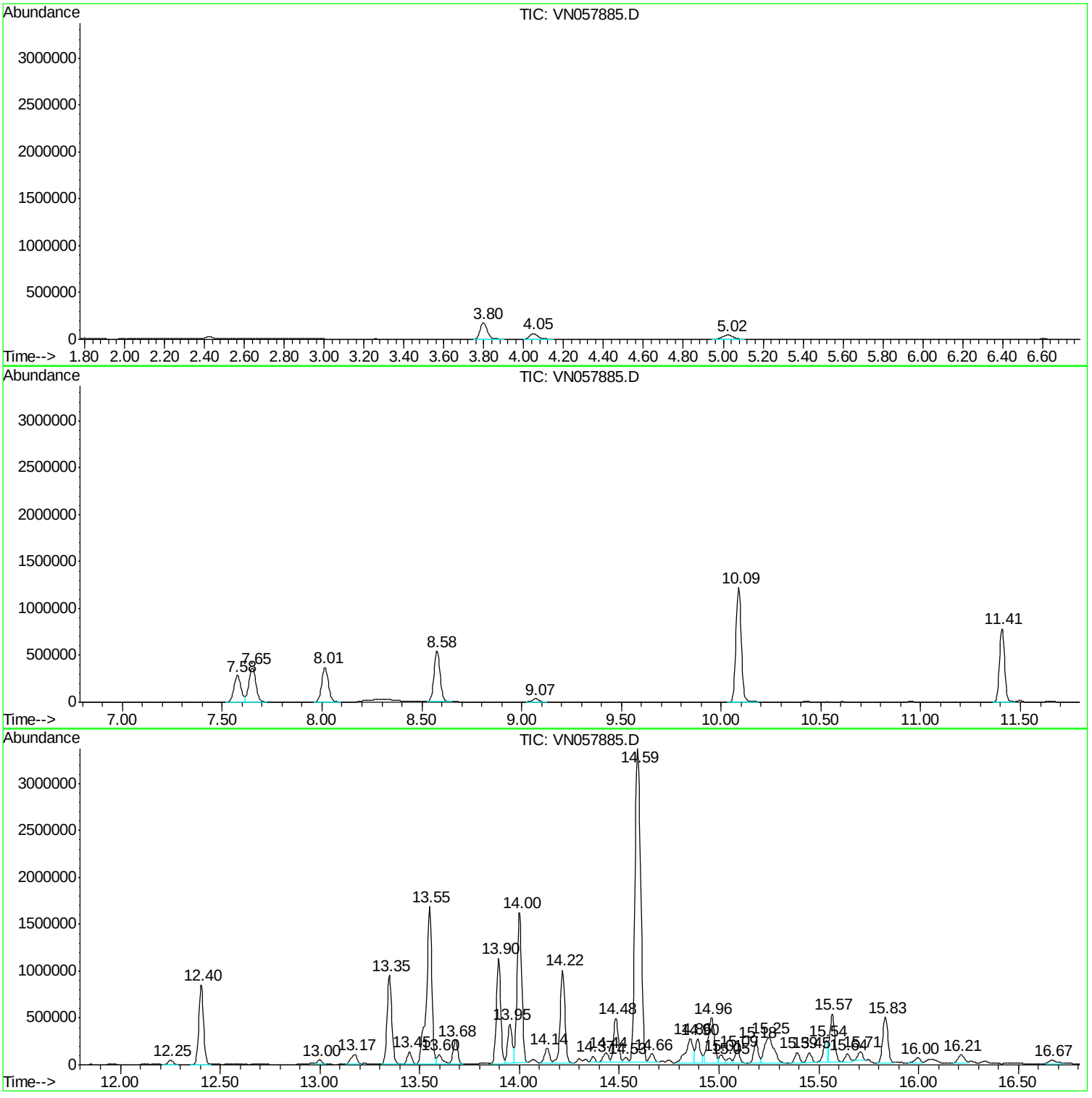
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.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\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

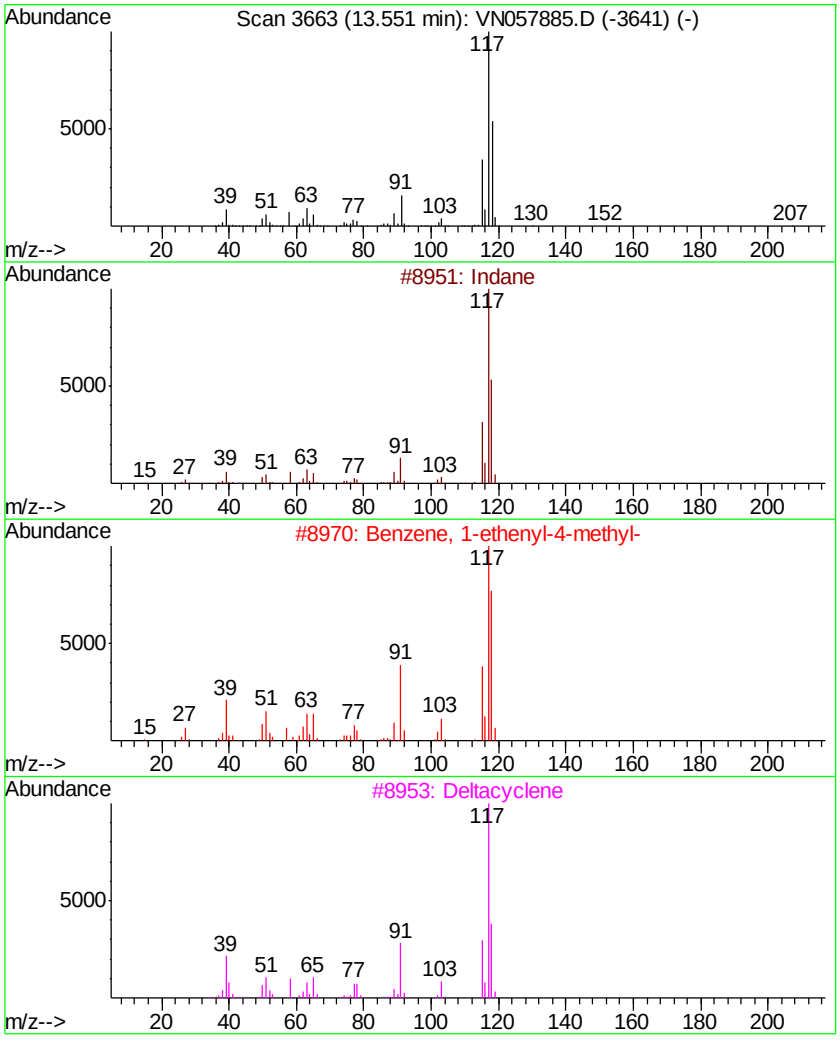
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

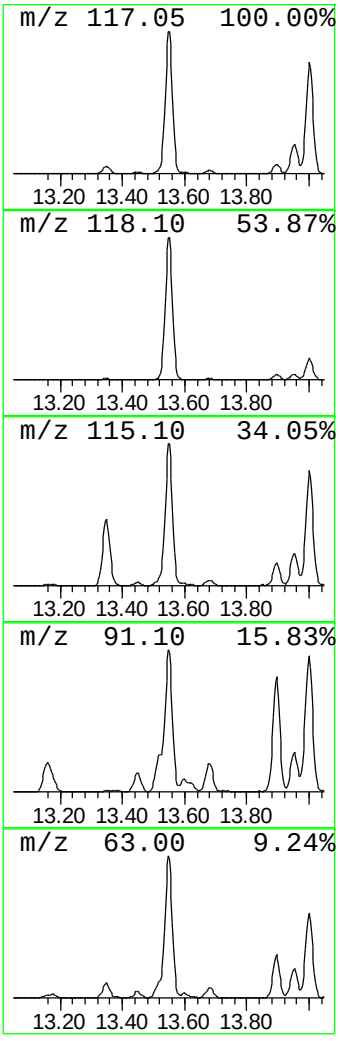
****

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	103.39 ug/l	3287250	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
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	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

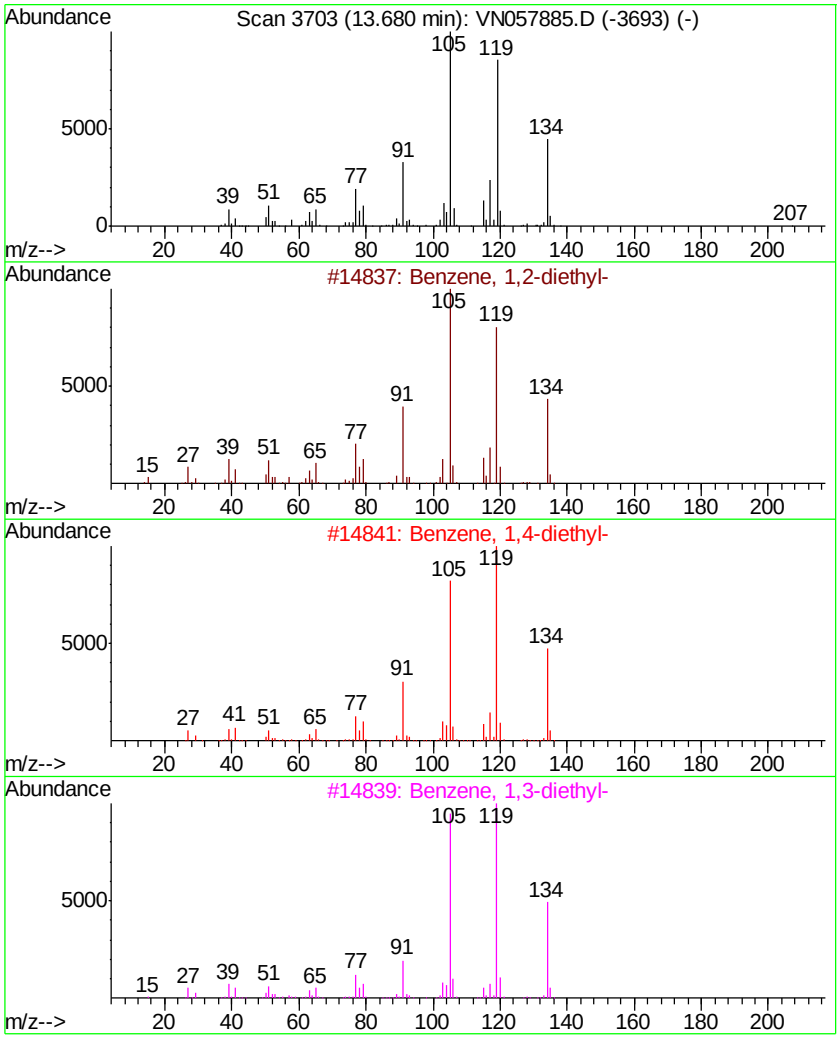
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

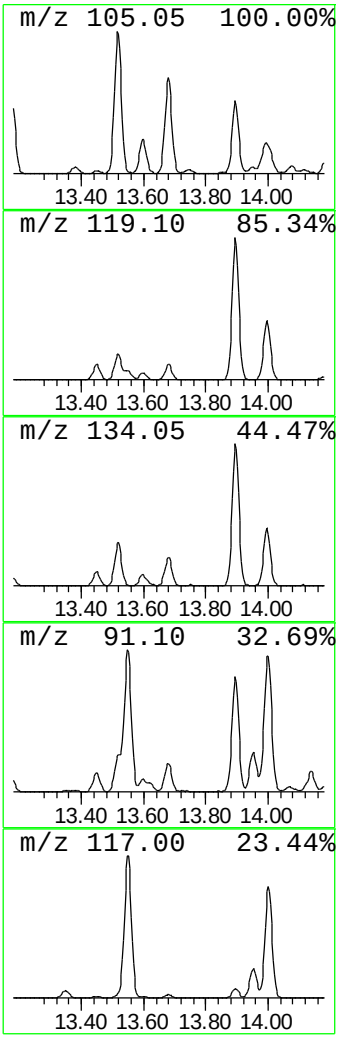
****

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	12.73 ug/l	404703	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

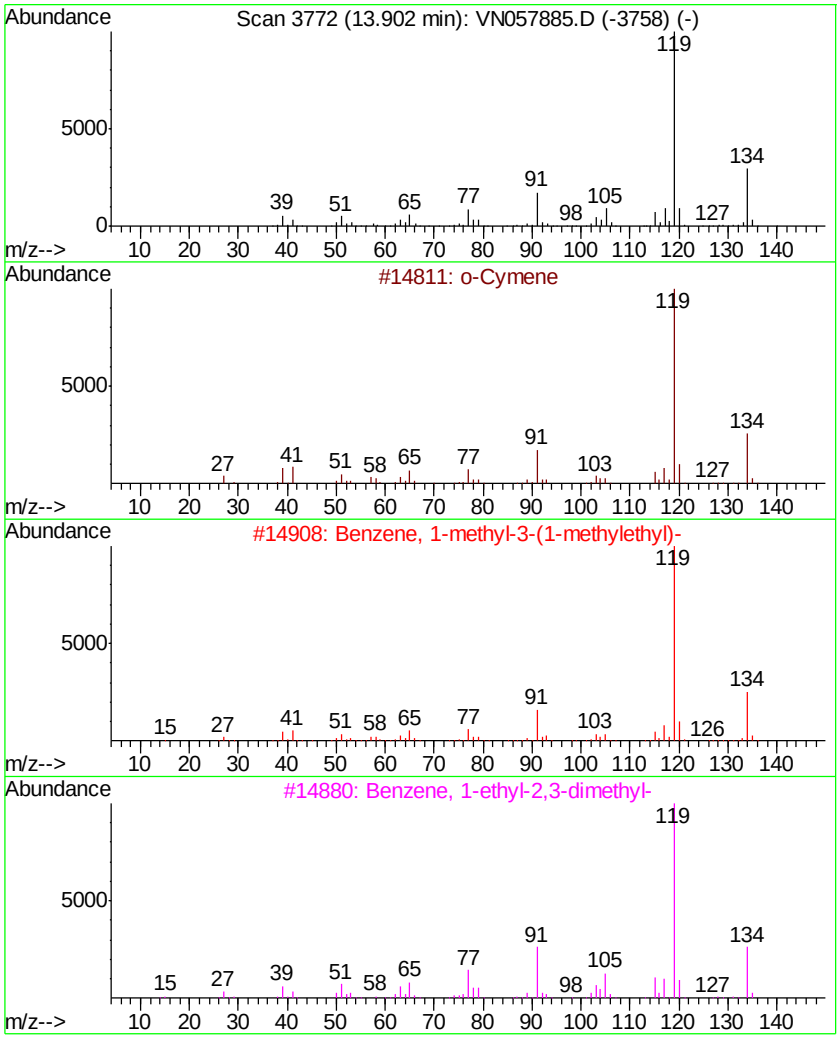
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

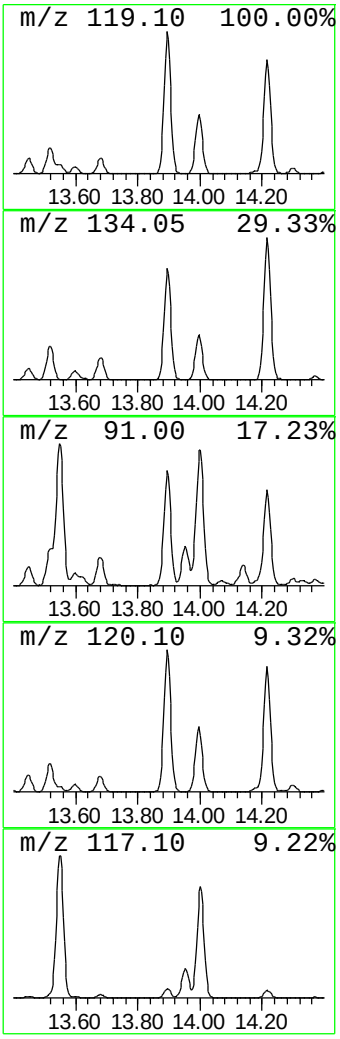
****

Peak Number 3 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	53.89 ug/l	1713380	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

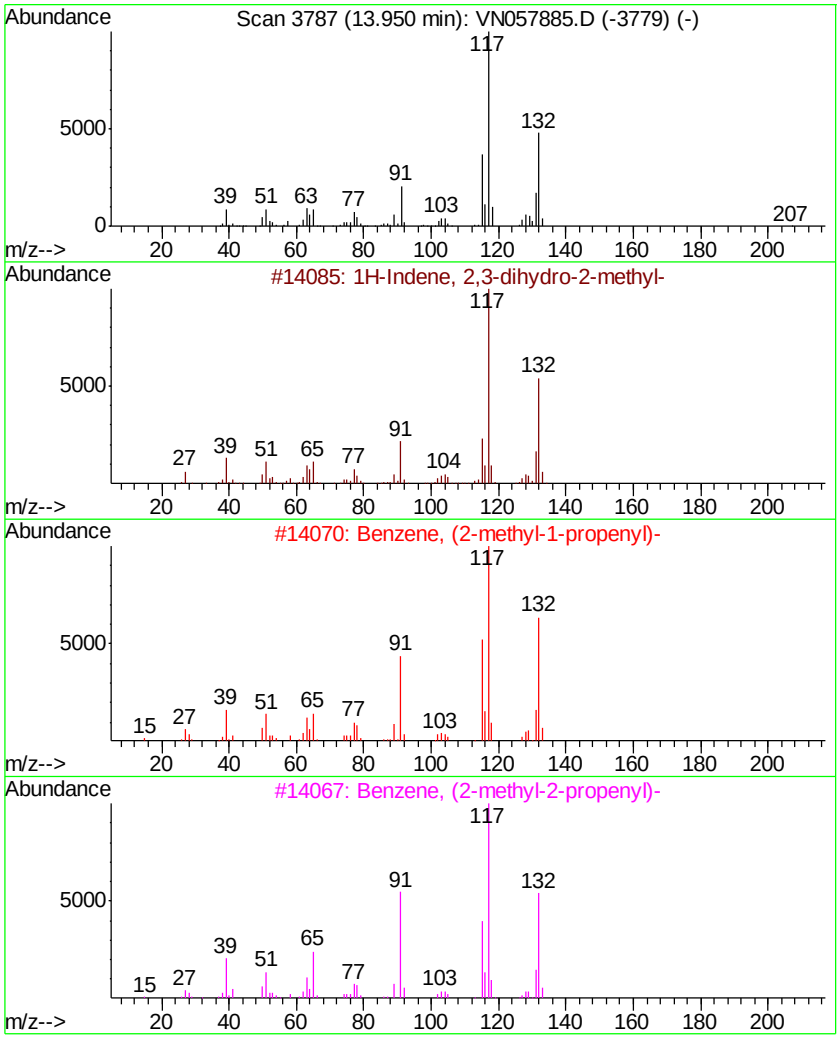
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

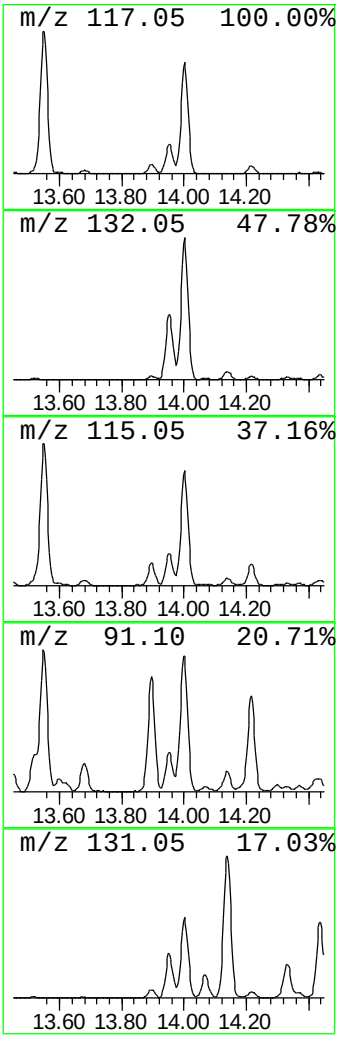
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	21.79 ug/l	692899	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	95
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91





Library Search Compound Report

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Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

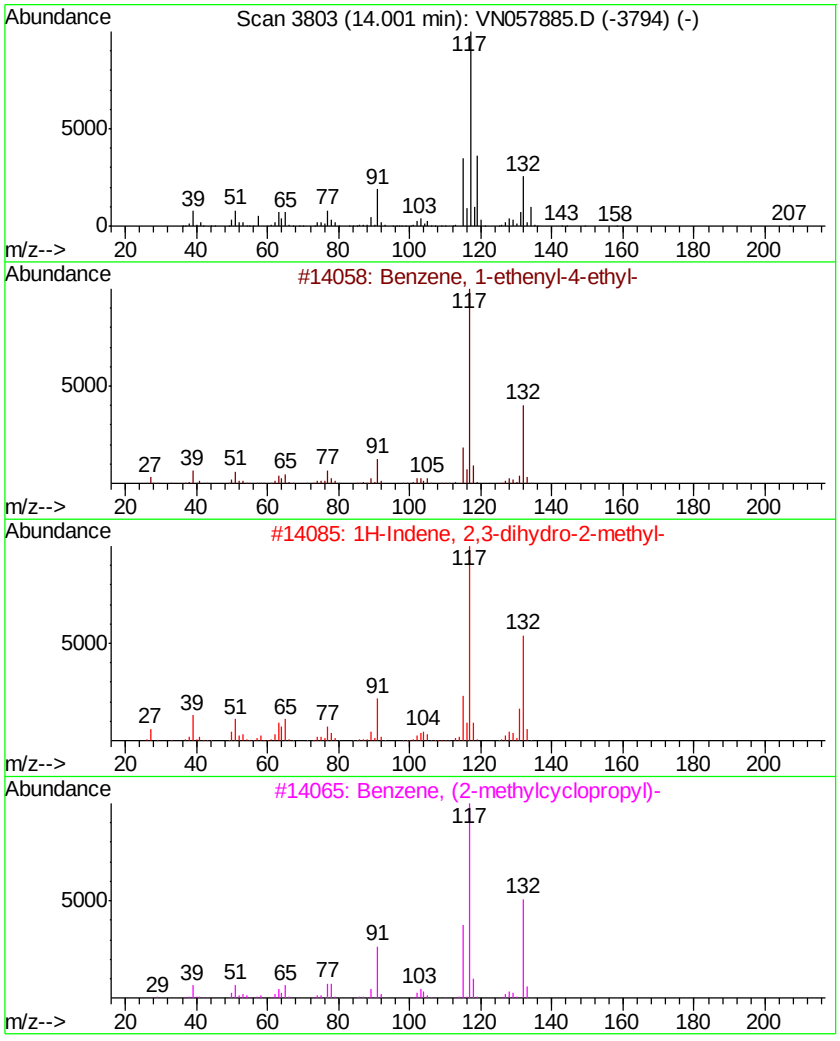
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

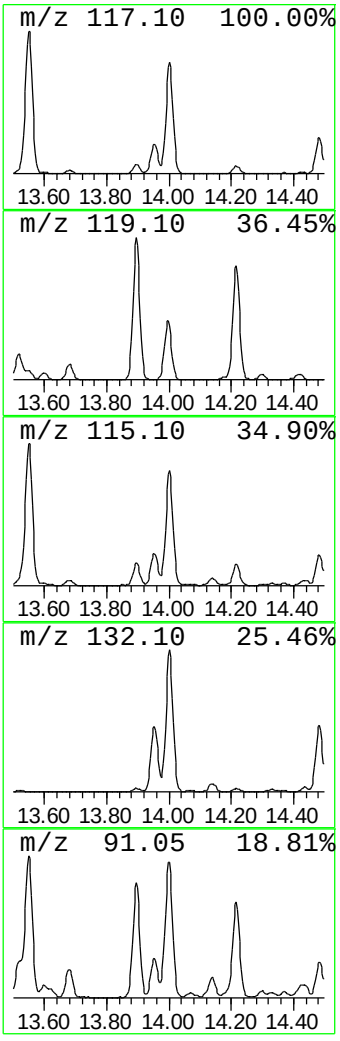
****

Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	83.20 ug/l	2645520	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	70
4	Indan, 1-methyl-	132	C10H12	000767-58-8	70
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	68





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Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

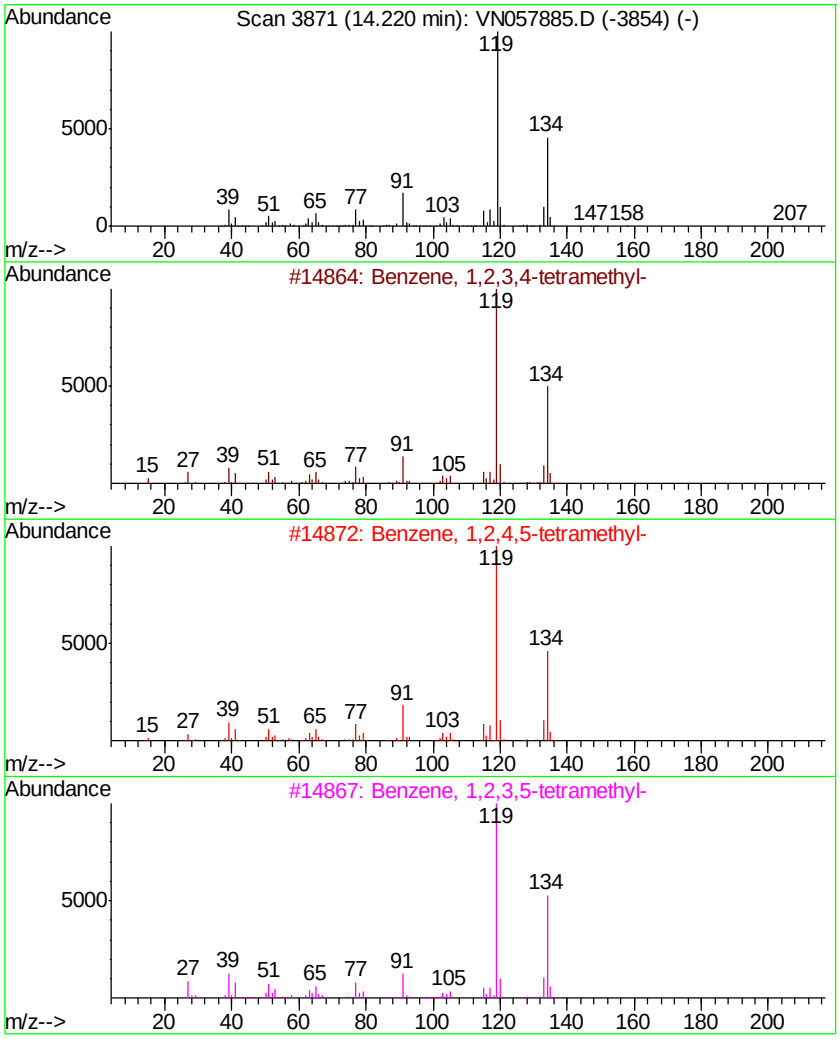
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

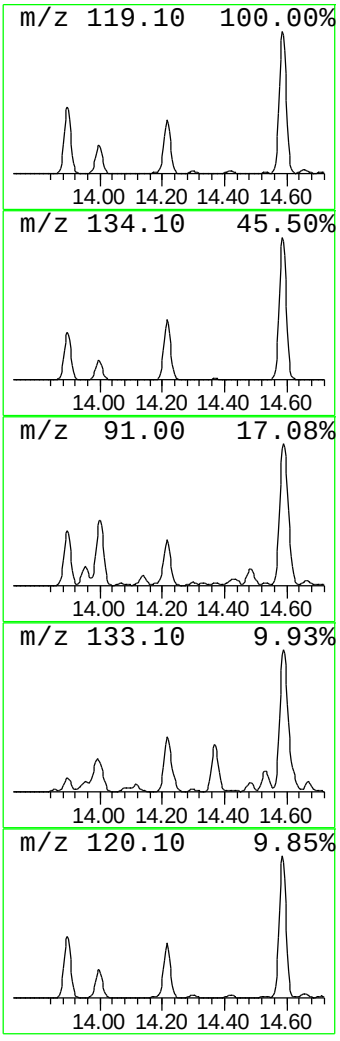
****

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	50.33 ug/l	1600370	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

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Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

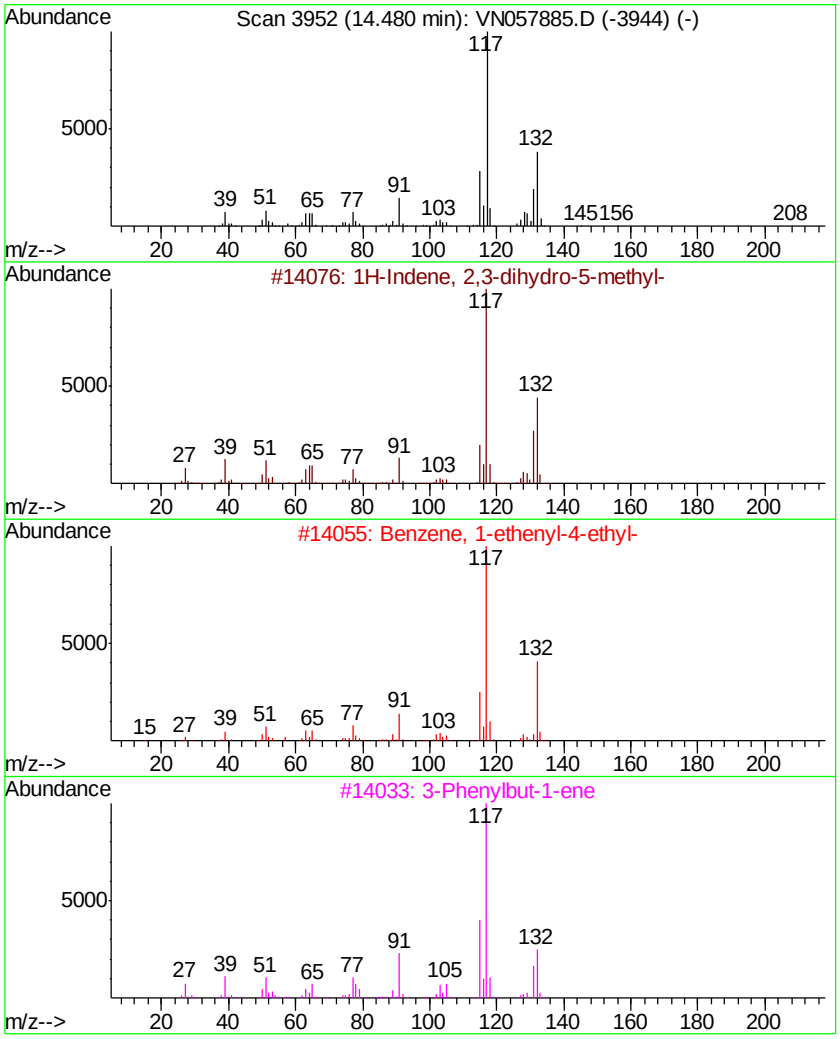
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

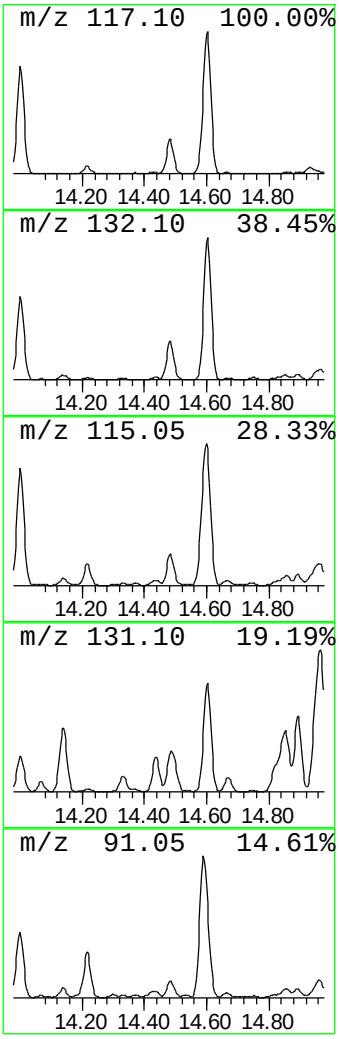
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	24.51 ug/l	779209	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Library Search Compound Report

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Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

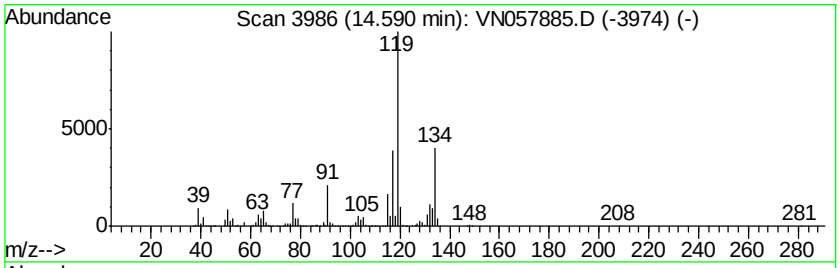
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

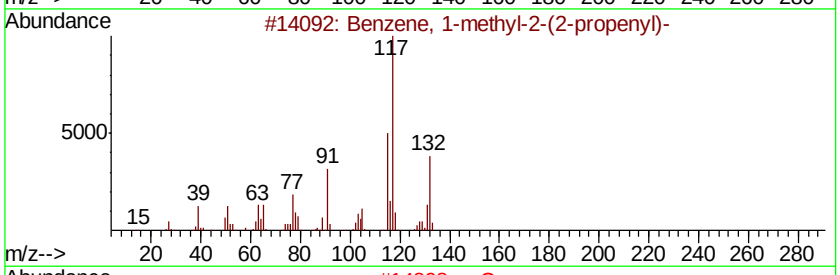
****

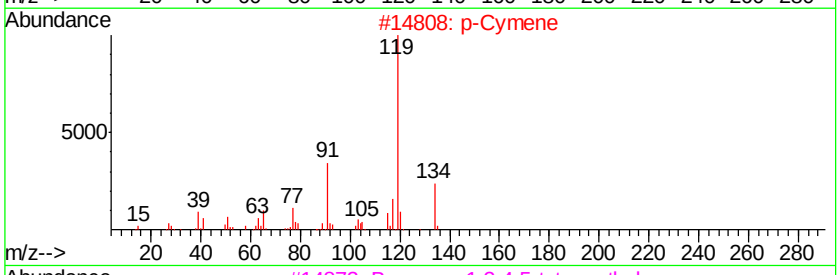
Peak Number 8 Benzene, 1-methyl-2-(2-prop... Concentration Rank 1

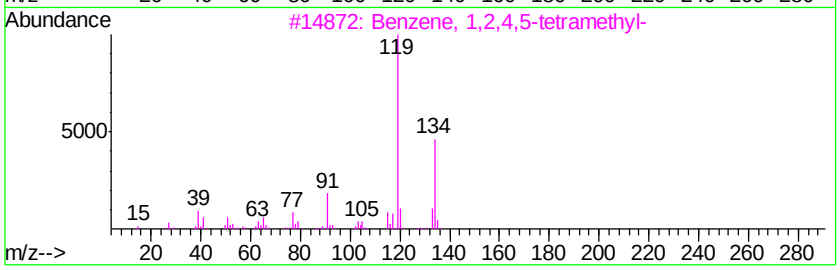
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	213.80 ug/l	6798000	1,4-Dichlorobenzene-d4	13.35

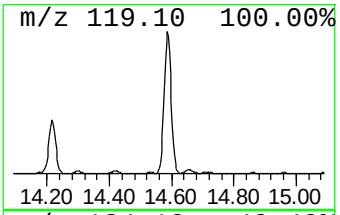
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	p-Cymene	134	C10H14	000099-87-6	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	o-Cymene	134	C10H14	000527-84-4	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60

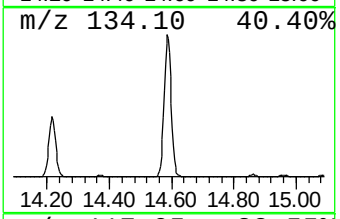


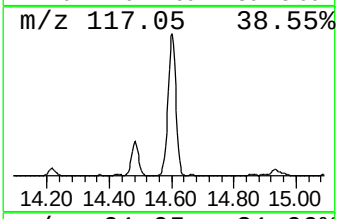


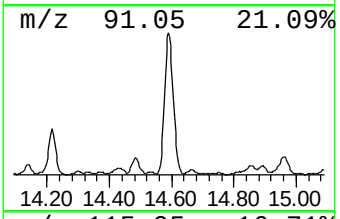


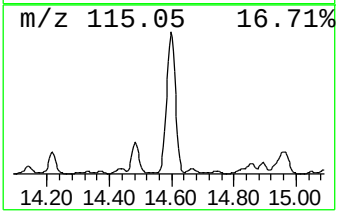












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

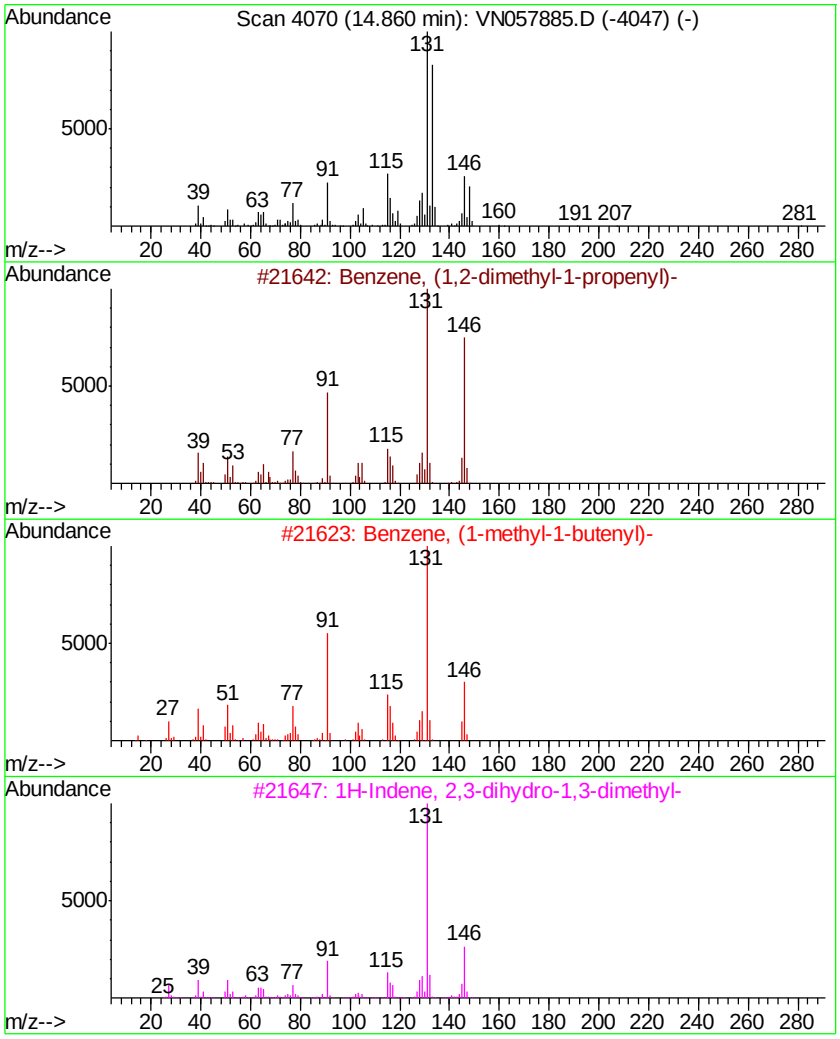
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

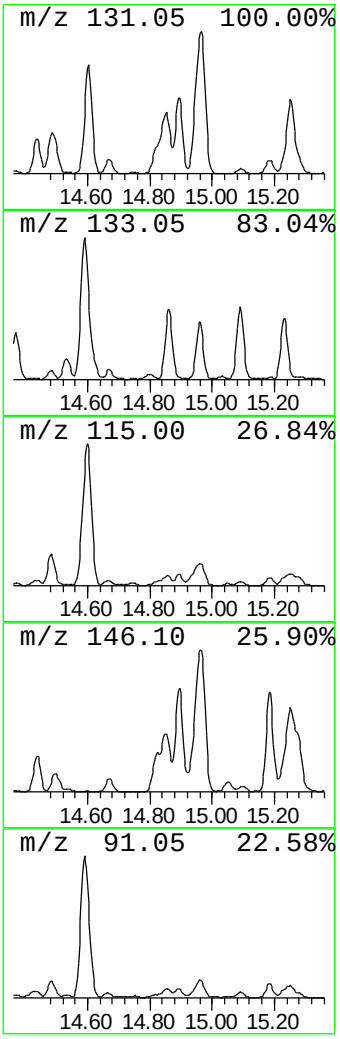
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	20.76 ug/l	660217	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	92
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	92
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

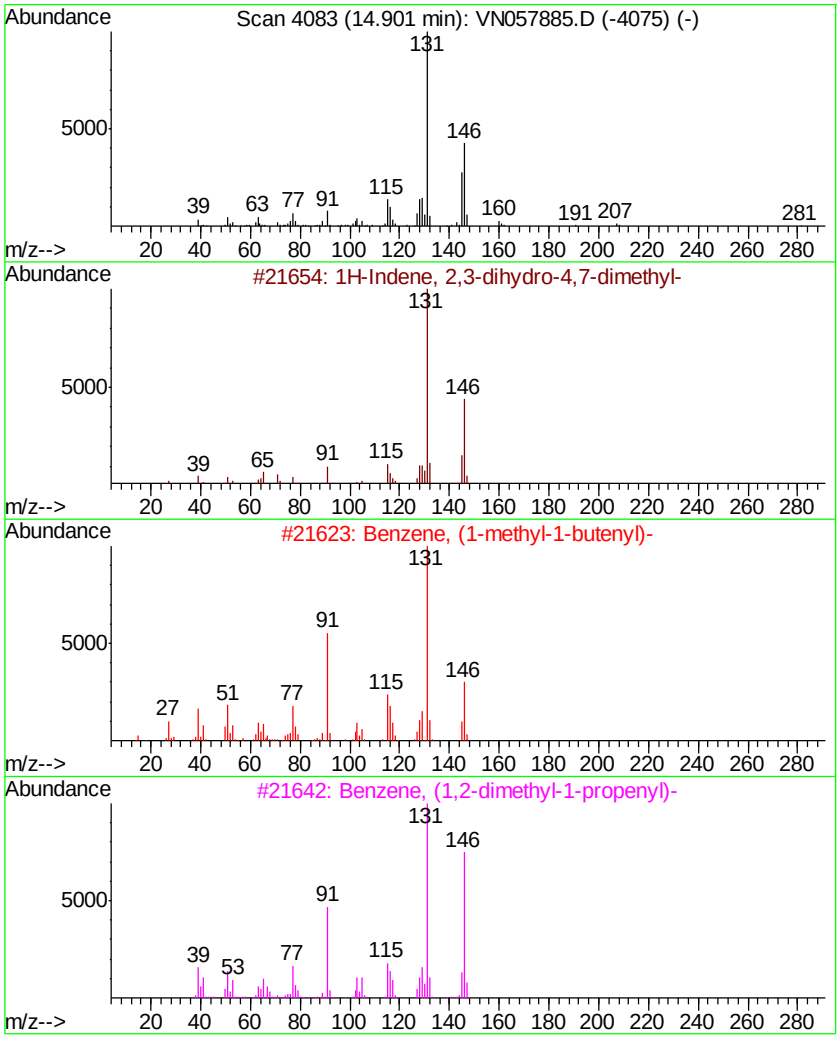
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

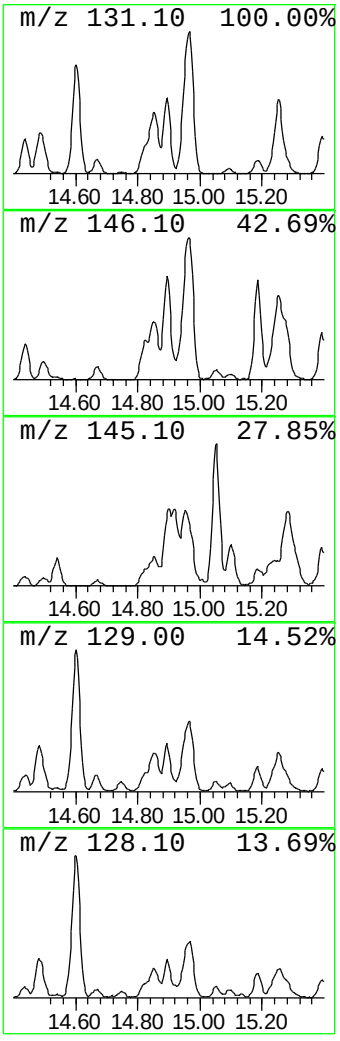
****

Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	13.27 ug/l	421902	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90





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Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

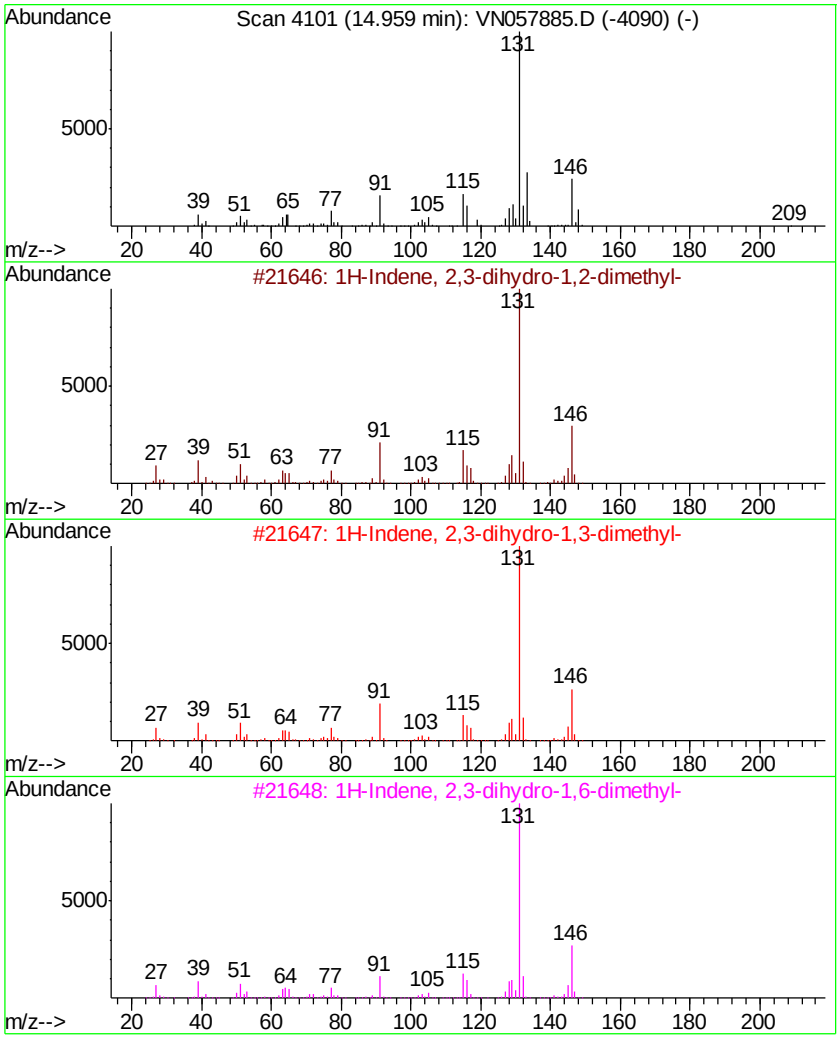
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

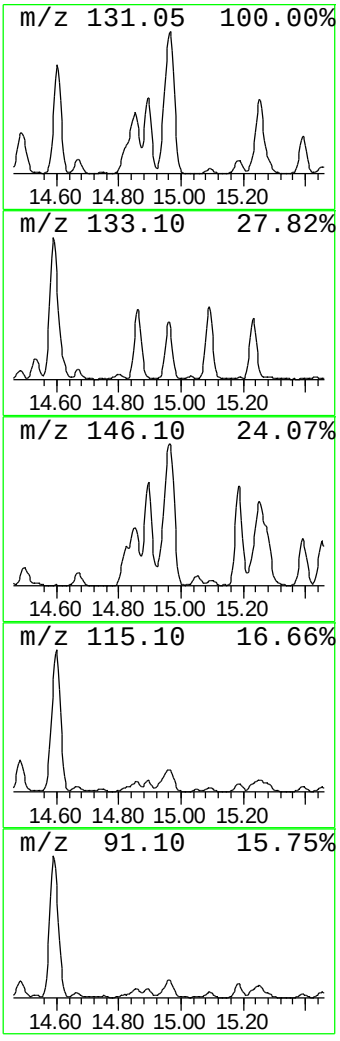
****

Peak Number 11 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	34.64 ug/l	1101530	1,4-Dichlorobenzene-d4	13.35

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	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

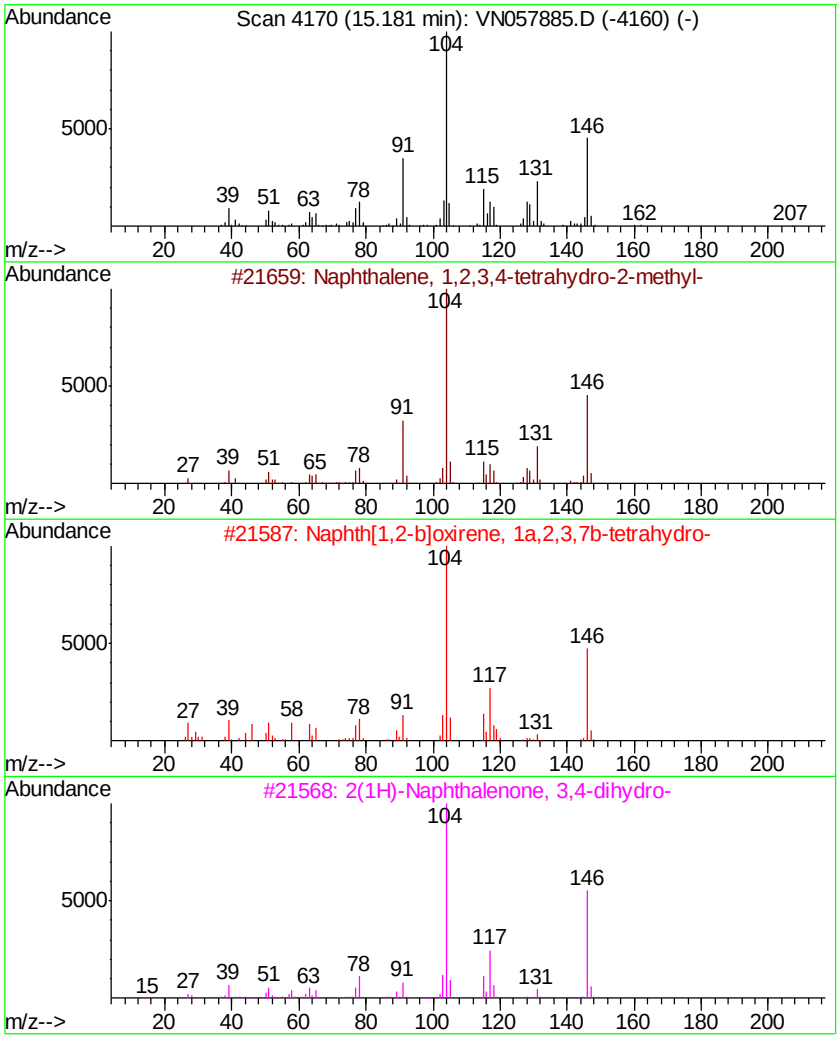
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

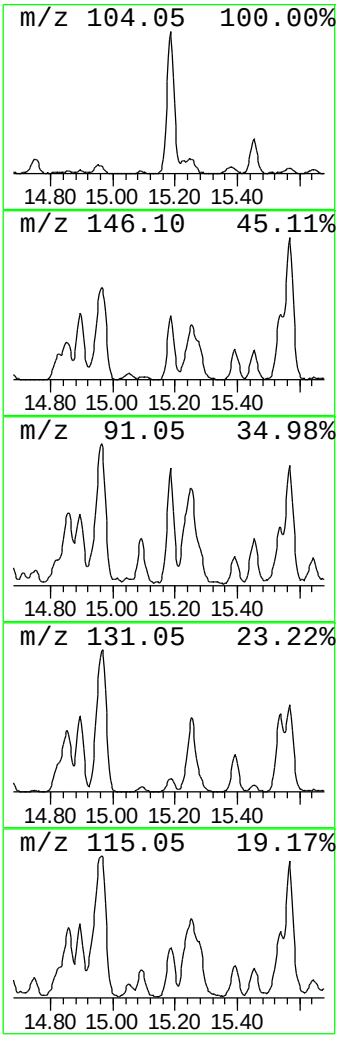
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	11.37 ug/l	361469	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
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	68
4	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	43
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43





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Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

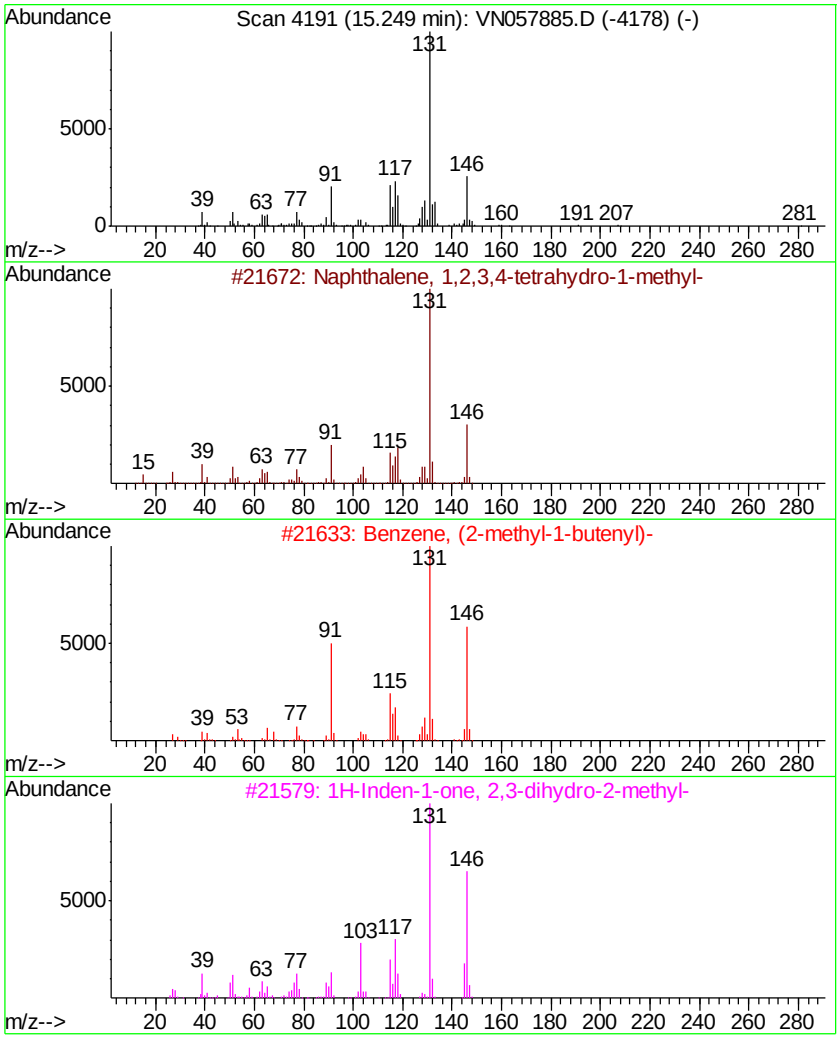
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

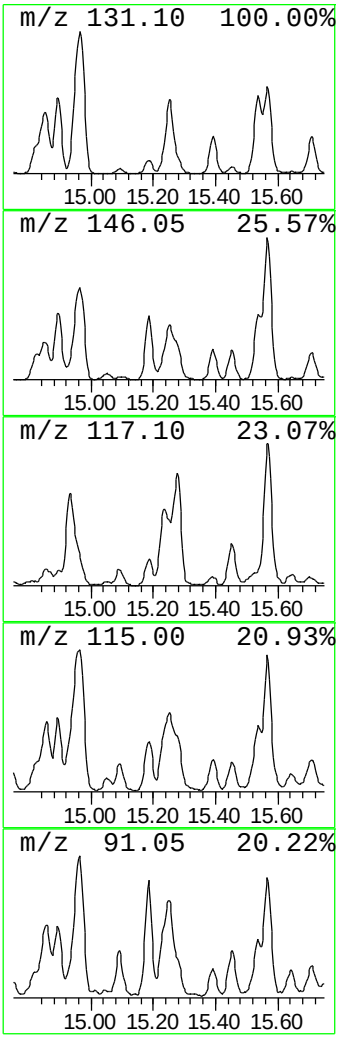
****

Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	28.66 ug/l	911339	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	80
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

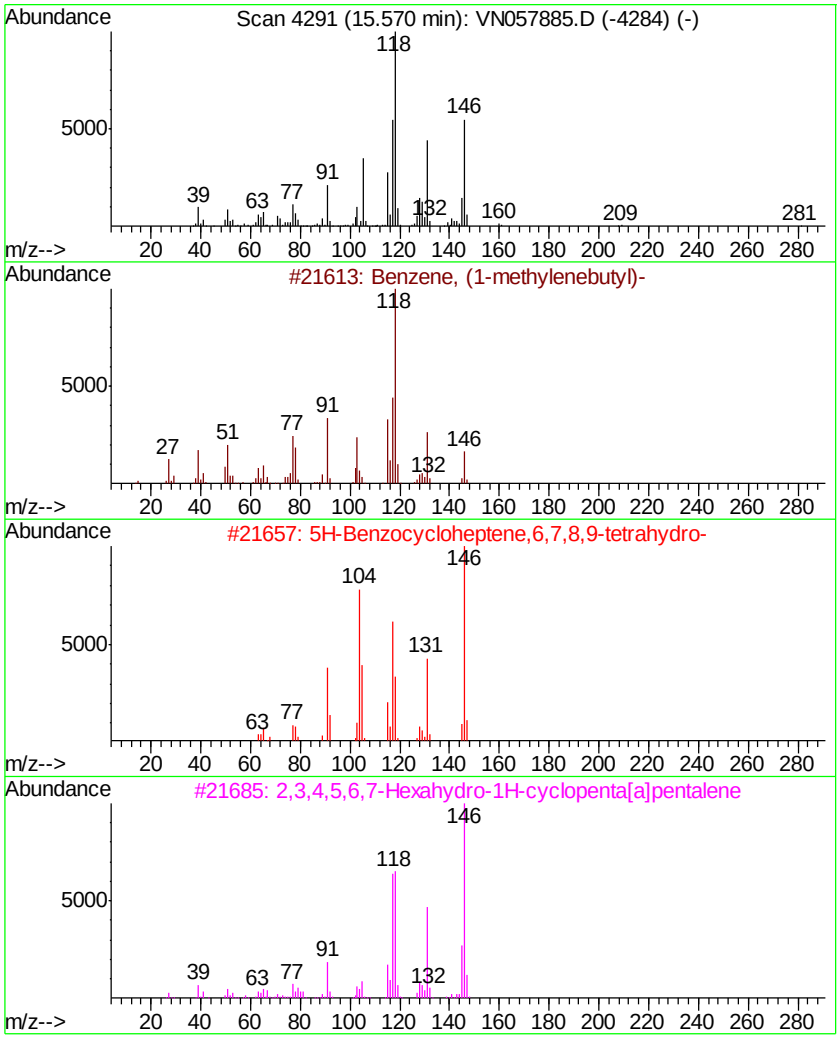
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

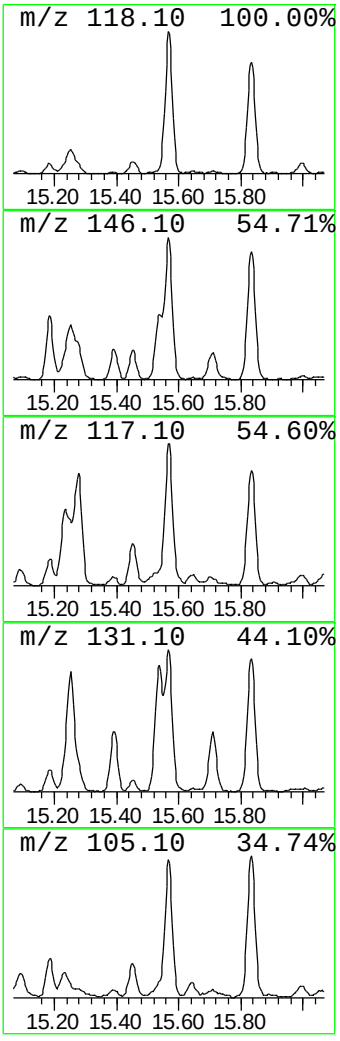
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (1-methylenebutyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	26.39 ug/l	839193	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	80
2	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	52
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	49
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260

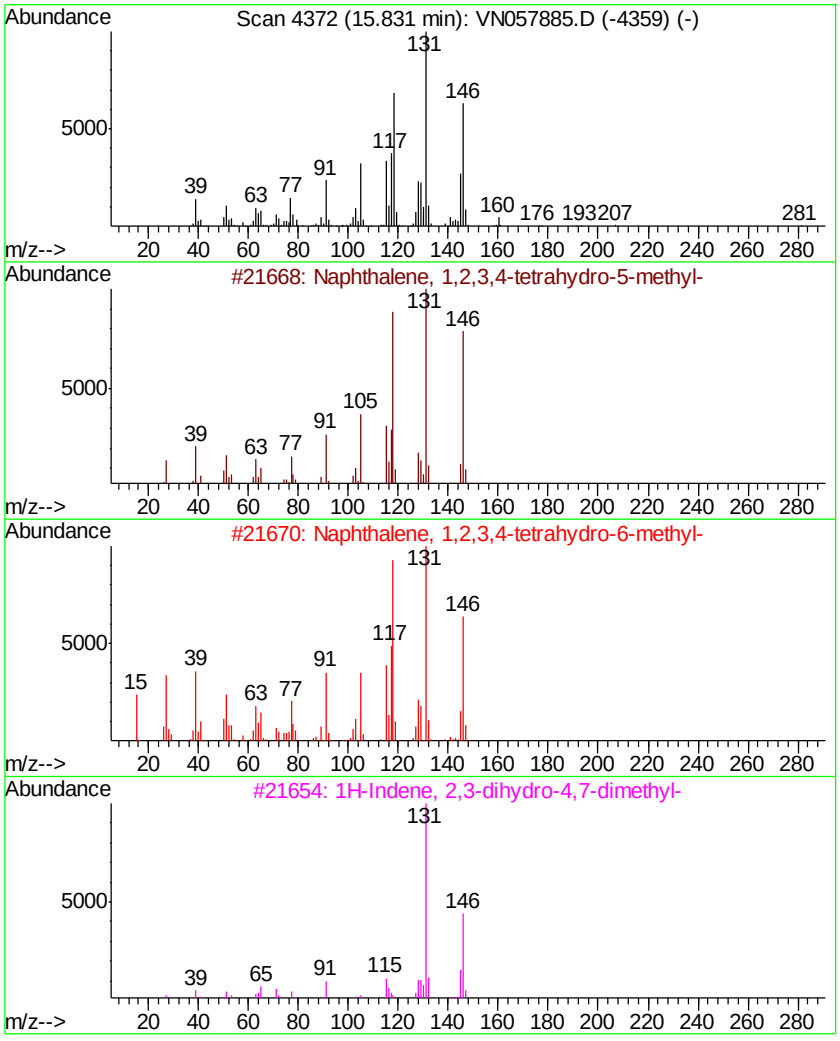
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

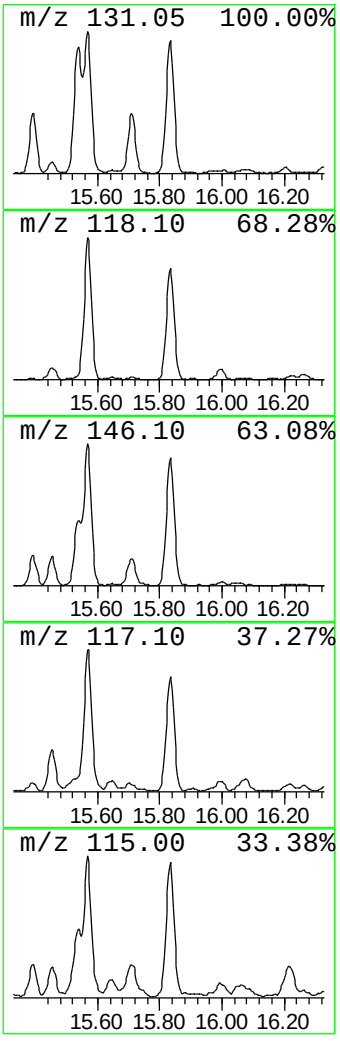
****

Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	28.31 ug/l	900093	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-MW-4-9.0-091019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.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	13.55	103.4	ug/l	3287250	4	13.35	1589800	50.0
Benzene, 1,2-diet...	13.68	12.7	ug/l	404703	4	13.35	1589800	50.0
o-Cymene	13.90	53.9	ug/l	1713380	4	13.35	1589800	50.0
1H-Indene, 2,3-di...	13.95	21.8	ug/l	692899	4	13.35	1589800	50.0
Benzene, 1-etheny...	14.00	83.2	ug/l	2645520	4	13.35	1589800	50.0
Benzene, 1,2,3,4-...	14.22	50.3	ug/l	1600370	4	13.35	1589800	50.0
1H-Indene, 2,3-di...	14.48	24.5	ug/l	779209	4	13.35	1589800	50.0
Benzene, 1-methyl...	14.59	213.8	ug/l	6798000	4	13.35	1589800	50.0
Benzene, (1,2-dim...	14.86	20.8	ug/l	660217	4	13.35	1589800	50.0
1H-Indene, 2,3-di...	14.90	13.3	ug/l	421902	4	13.35	1589800	50.0
1H-Indene, 2,3-di...	14.96	34.6	ug/l	1101530	4	13.35	1589800	50.0
Naphthalene, 1,2,...	15.18	11.4	ug/l	361469	4	13.35	1589800	50.0
Naphthalene, 1,2,...	15.25	28.7	ug/l	911339	4	13.35	1589800	50.0
Benzene, (1-methy...	15.57	26.4	ug/l	839193	4	13.35	1589800	50.0
Naphthalene, 1,2,...	15.83	28.3	ug/l	900093	4	13.35	1589800	50.0