LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
Data File : VN058108.D
Acq On : 16 Sep 2019 11:22
Operator : JC/SP
Sample : K4871-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 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\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	2.436	195	206	221	rVB3	36018	73646	1.56%	0.299%
2	7.577	1785	1805	1816	rBV	313775	773966	16.44%	3.142%
3	7.651	1817	1828	1850	rVB	384964	912931	19.39%	3.706%
4	8.014	1922	1941	1963	rBV	405415	948241	20.14%	3.849%
5	8.239	1980	2011	2014	rBV3	37128	144226	3.06%	0.585%
6	8.574	2100	2115	2140	rVB	571390	1218533	25.88%	4.947%
7	10.085	2570	2585	2601	rBV	1337795	2463161	52.31%	9.999%
8	11.406	2981	2996	3016	rBV	859395	1523202	32.35%	6.183%
9	12.172	3223	3234	3249	rBV4	84750	178571	3.79%	0.725%
10	12.249	3249	3258	3272	rVB5	58843	107720	2.29%	0.437%
11	12.403	3293	3306	3319	rBV	954962	1638239	34.79%	6.650%
12	12.596	3357	3366	3383	rVB3	34693	74949	1.59%	0.304%
13	12.898	3444	3460	3463	rBV3	32234	60521	1.29%	0.246%
14	12.930	3464	3470	3481	rVB2	46190	74901	1.59%	0.304%
15	13.030	3493	3501	3512	rVB8	23878	51544	1.09%	0.209%
16	13.348	3588	3600	3616	rBV	1047169	1823629	38.73%	7.403%
17	13.522	3645	3654	3655	rBV2	59704	73805	1.57%	0.300%
18	13.551	3656	3663	3676	rVB	209324	367056	7.79%	1.490%
19	13.660	3690	3697	3712	rVB2	102950	181251	3.85%	0.736%
20	13.895	3761	3770	3779	rVB	213613	332881	7.07%	1.351%
21	13.956	3780	3789	3794	rBV2	74551	123535	2.62%	0.501%
22	14.001	3794	3803	3834	rVB2	263843	533446	11.33%	2.165%
23	14.136	3838	3845	3854	rBV4	37608	58876	1.25%	0.239%
24	14.217	3861	3870	3887	rBV	225101	385055	8.18%	1.563%
25	14.297	3890	3895	3904	rVB7	44870	67119	1.43%	0.272%
26	14.435	3930	3938	3945	rBV4	55211	84340	1.79%	0.342%
27	14.483	3945	3953	3963	rVV	192311	298181	6.33%	1.210%
28	14.599	3976	3989	4001	rBV4	501009	1013488	21.52%	4.114%
29	14.660	4001	4008	4019	rVB3	79411	133683	2.84%	0.543%
30	14.860	4053	4070	4077	rBV4	285010	600111	12.74%	2.436%
31	14.966	4092	4103	4114	rVB2	287803	570281	12.11%	2.315%
32	15.094	4136	4143	4151	rBV2	40067	69898	1.48%	0.284%
33	15.184	4165	4171	4178	rBV	68789	96122	2.04%	0.390%
34	15.236	4178	4187	4195	rBV4	119356	264406	5.62%	1.073%

LSC Area Percent Report

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Data File : VN058108.D
Acq On : 16 Sep 2019 11:22
Operator : JC/SP
Sample : K4871-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 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\82N091019W.M
Title : SW846 8260

35	15.393	4226	4236	4247	rBV	241953	403284	8.56%	1.637%
36	15.538	4266	4281	4287	rBV2	250044	538898	11.44%	2.188%
37	15.644	4306	4314	4322	rBV	118988	182994	3.89%	0.743%
38	15.708	4323	4334	4342	rBV4	204089	380598	8.08%	1.545%
39	15.834	4362	4373	4392	rBV2	224353	462289	9.82%	1.877%
40	15.998	4411	4424	4433	rBV3	151891	310352	6.59%	1.260%
41	16.053	4434	4441	4450	rBV3	88995	148215	3.15%	0.602%
42	16.217	4478	4492	4515	rBV	2464939	4708881	100.00%	19.115%
43	16.670	4624	4633	4652	rBV4	79880	176974	3.76%	0.718%

Sum of corrected areas: 24633999

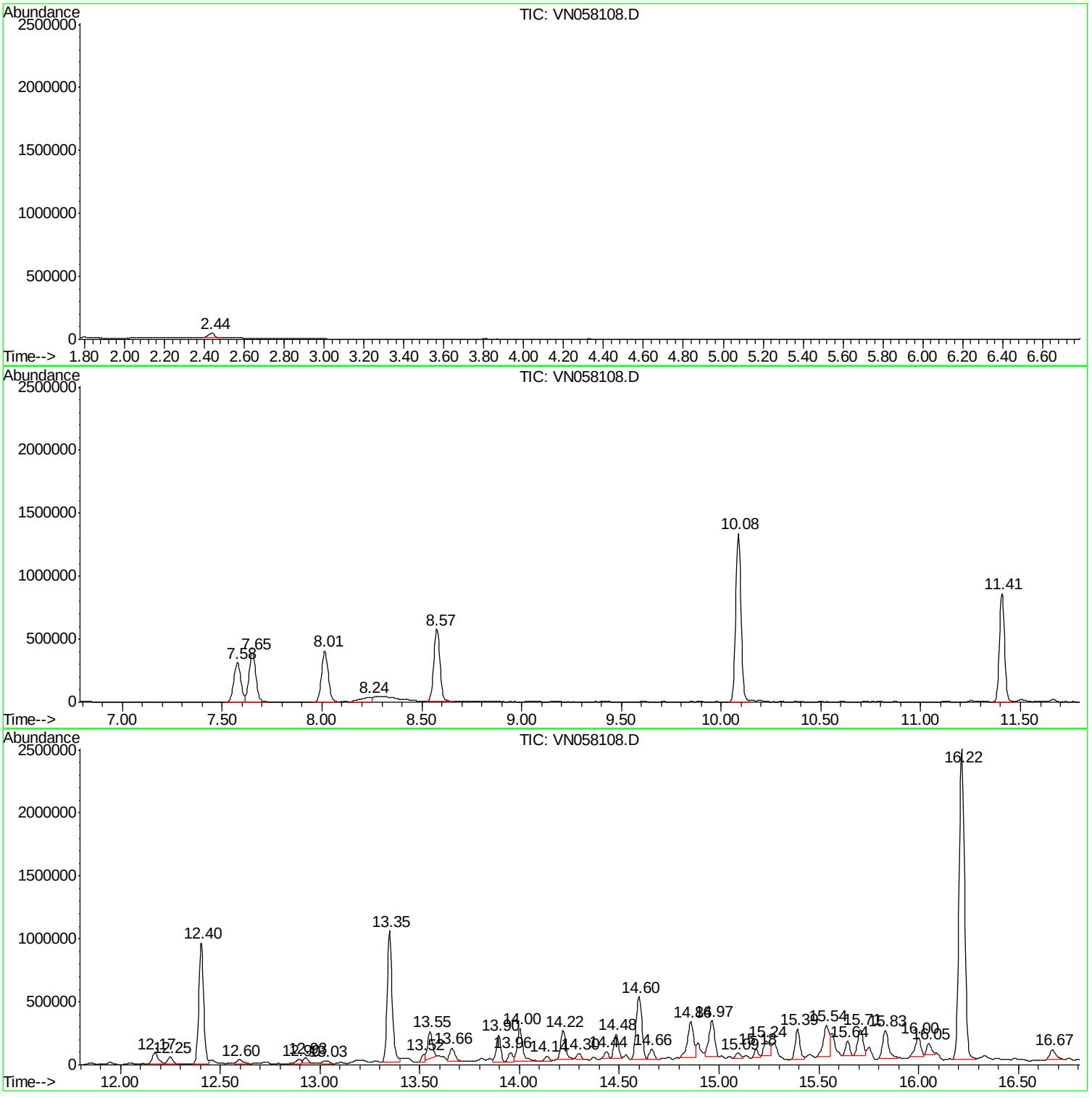
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
Data File : VN058108.D
Acq On : 16 Sep 2019 11:22
Operator : JC/SP
Sample : K4871-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

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\VN091619\
Data File : VN058108.D
Acq On : 16 Sep 2019 11:22
Operator : JC/SP
Sample : K4871-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

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

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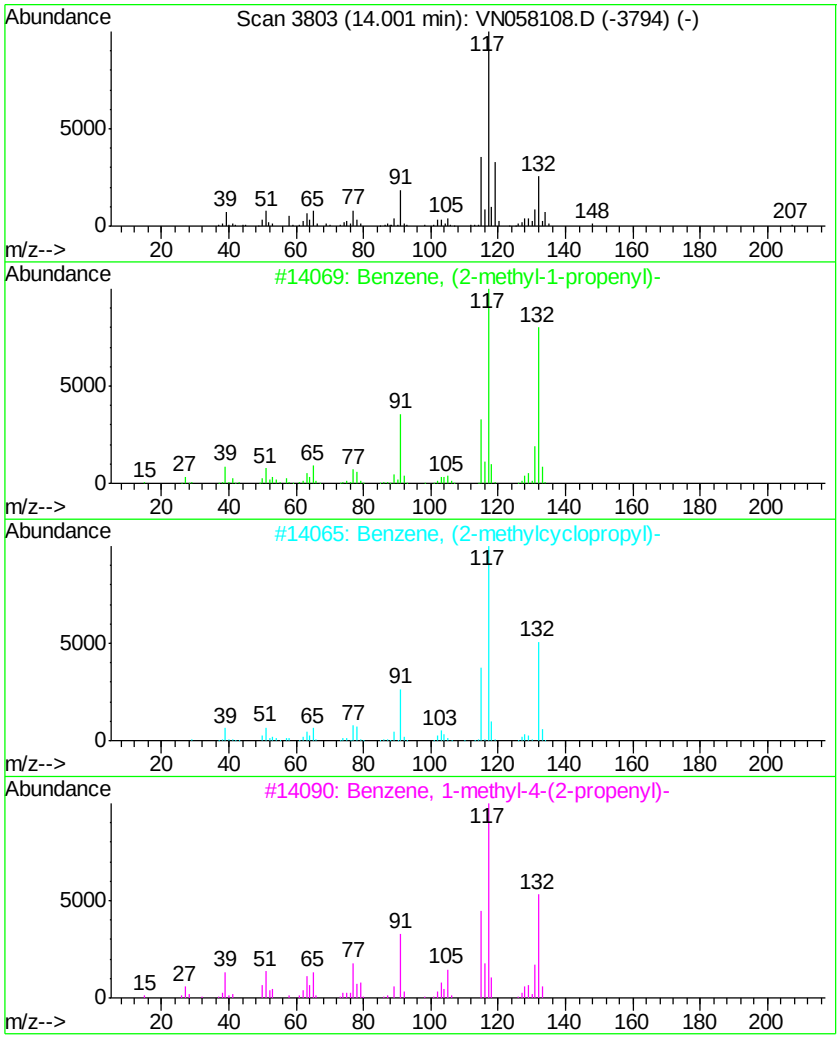
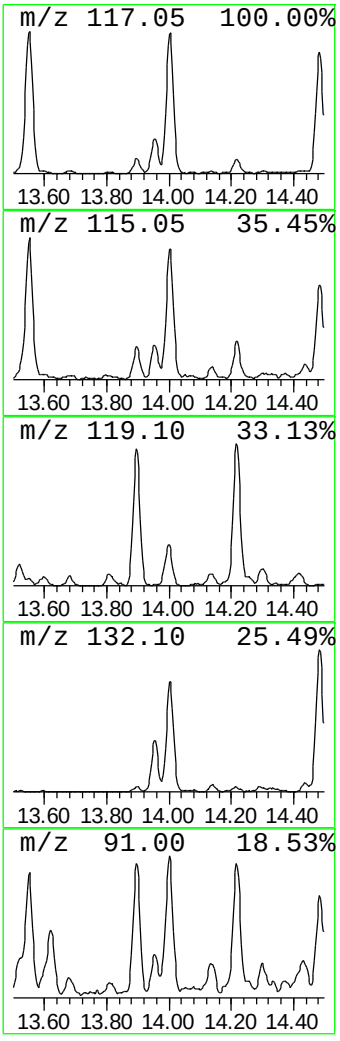
Peak Number 1 Benzene, (2-methyl-1-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	14.63 ug/l	533446	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	74
4	Indan, 1-methyl-	132	C10H12	000767-58-8	74
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
Data File : VN058108.D
Acq On : 16 Sep 2019 11:22
Operator : JC/SP
Sample : K4871-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

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

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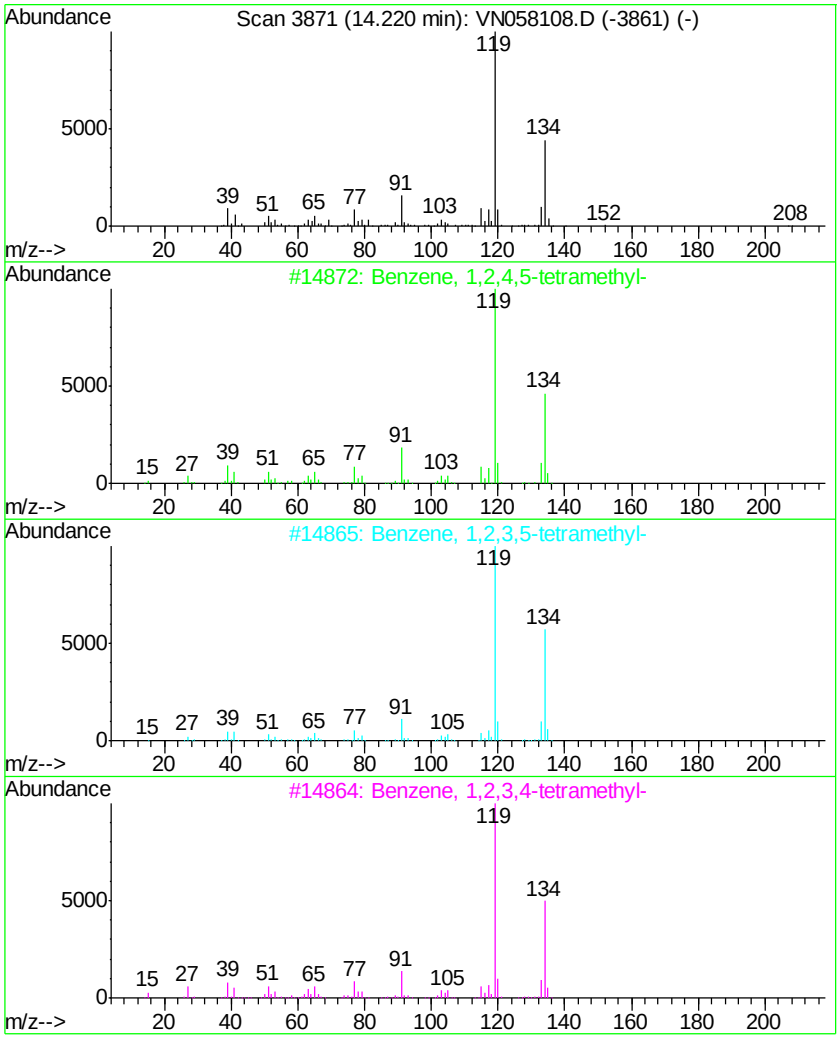
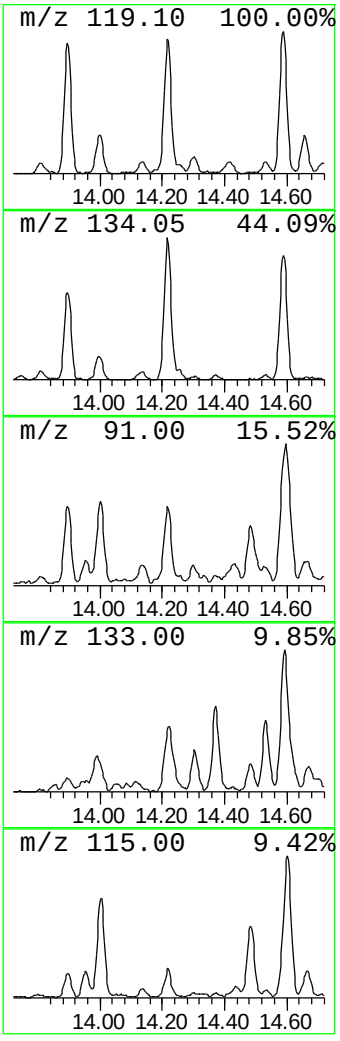
Peak Number 2 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	10.56 ug/l	385055	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
Data File : VN058108.D
Acq On : 16 Sep 2019 11:22
Operator : JC/SP
Sample : K4871-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

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

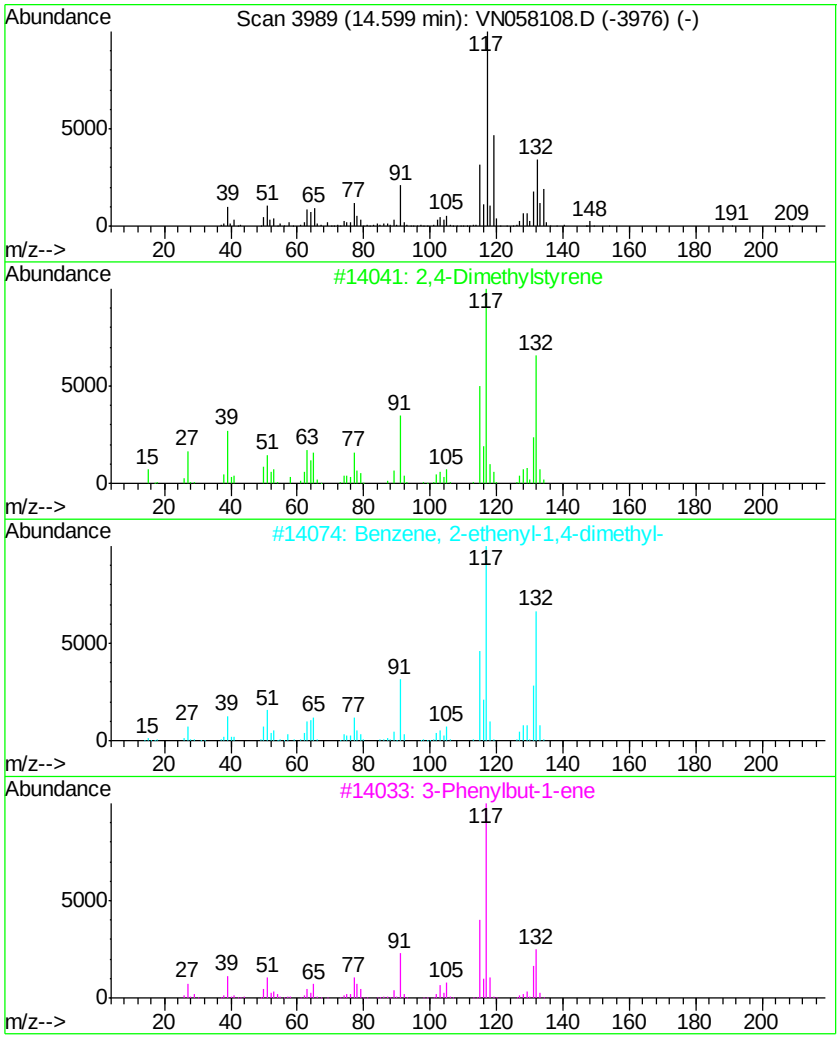
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

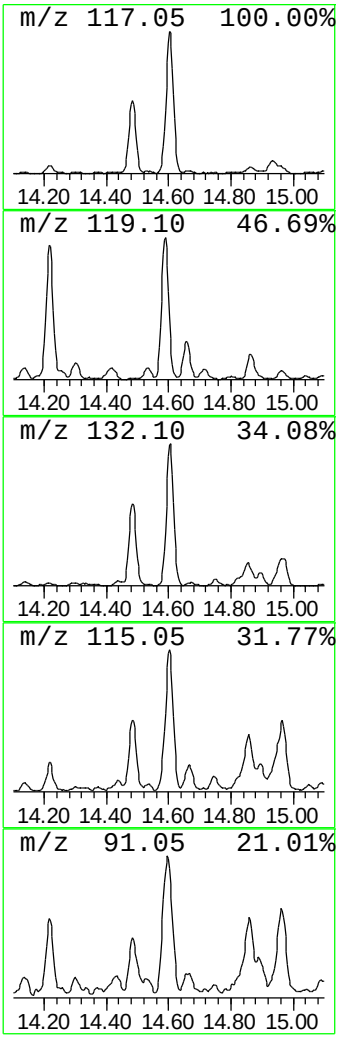
****

Peak Number 3 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	27.79 ug/l	1013490	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
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





Library Search Compound Report

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Data File : VN058108.D
Acq On : 16 Sep 2019 11:22
Operator : JC/SP
Sample : K4871-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

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

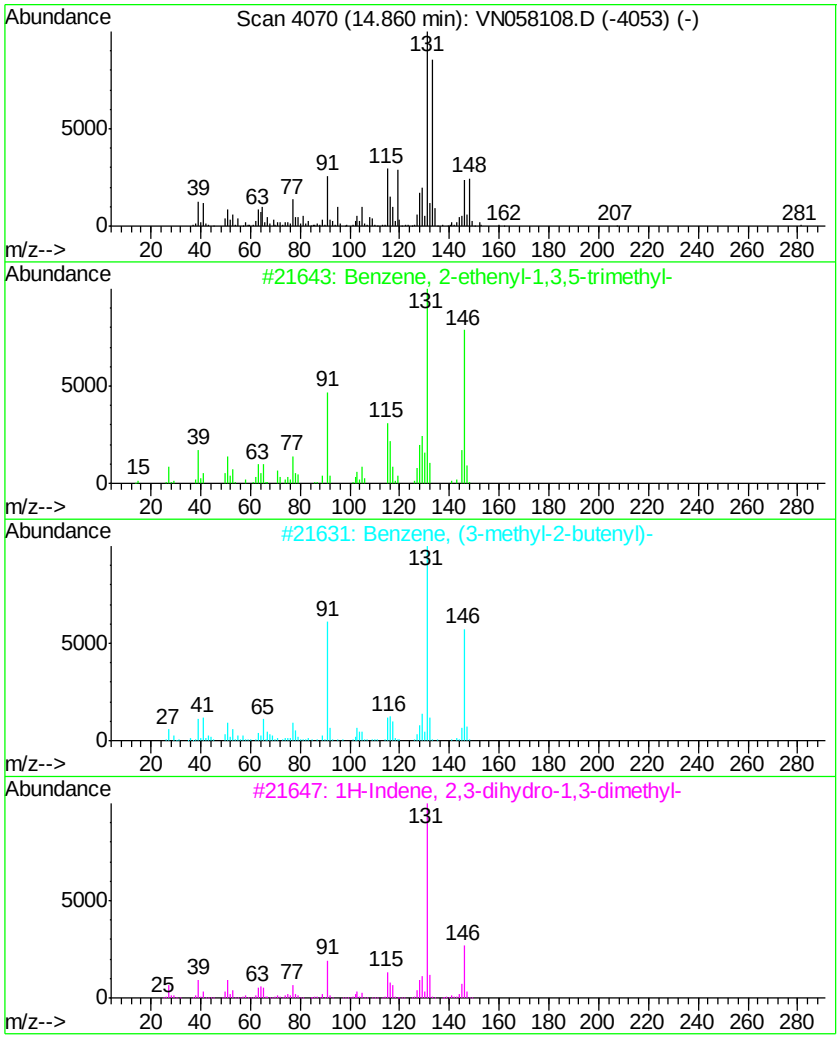
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

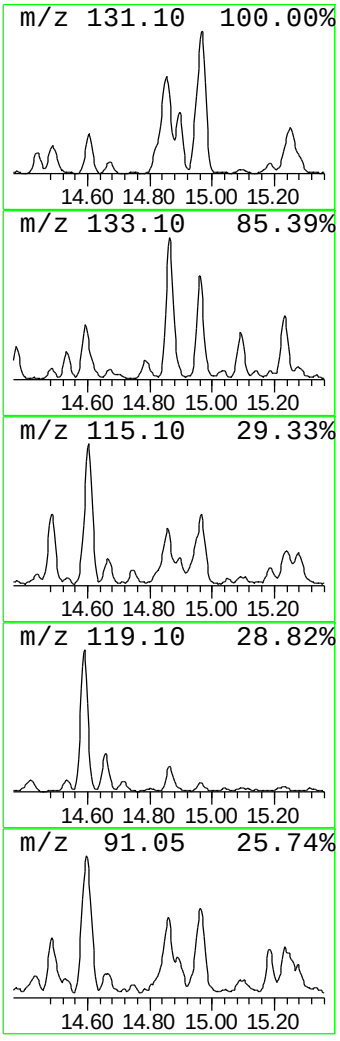
****

Peak Number 4 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	16.45 ug/l	600111	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46





Library Search Compound Report

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Operator : JC/SP
Sample : K4871-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
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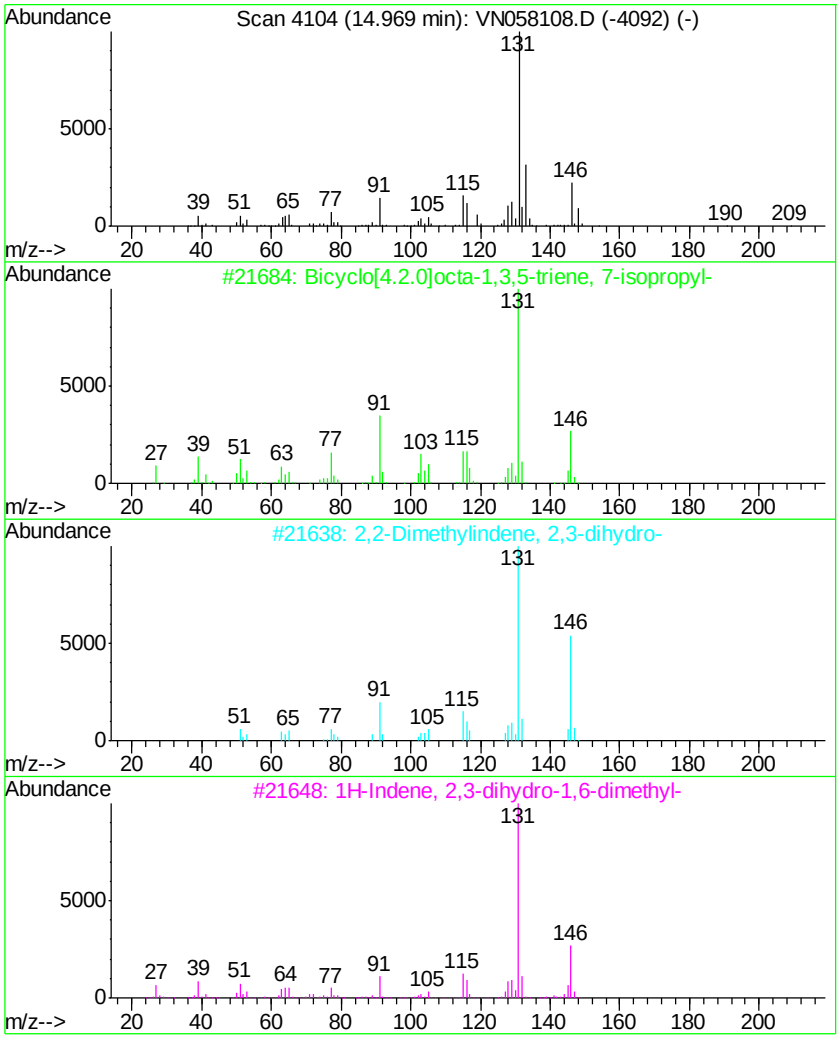
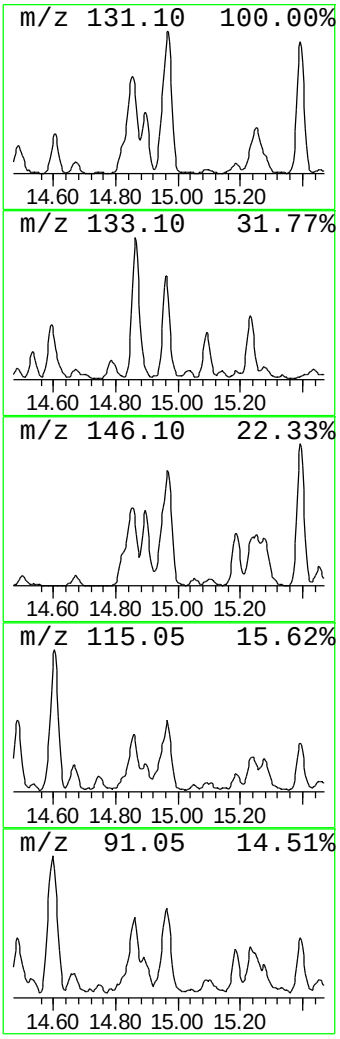
****

Peak Number 5 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	15.64 ug/l	570281	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	81
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81





Library Search Compound Report

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Quant Title : SW846 8260

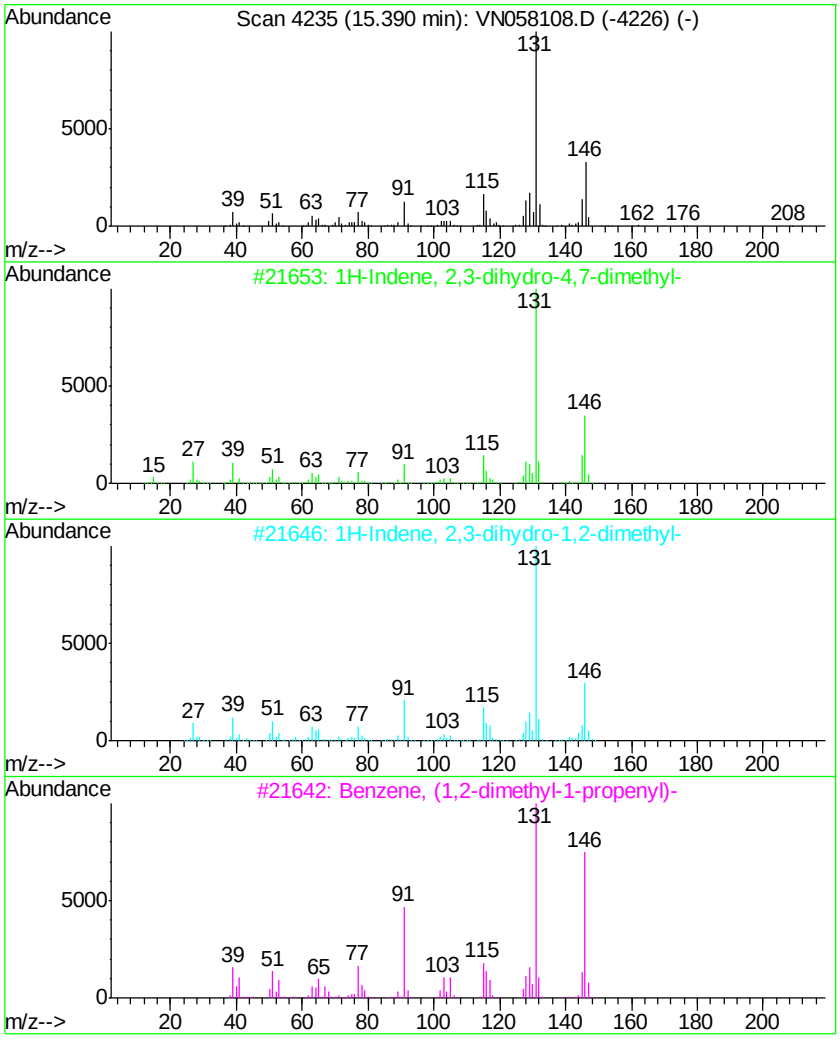
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

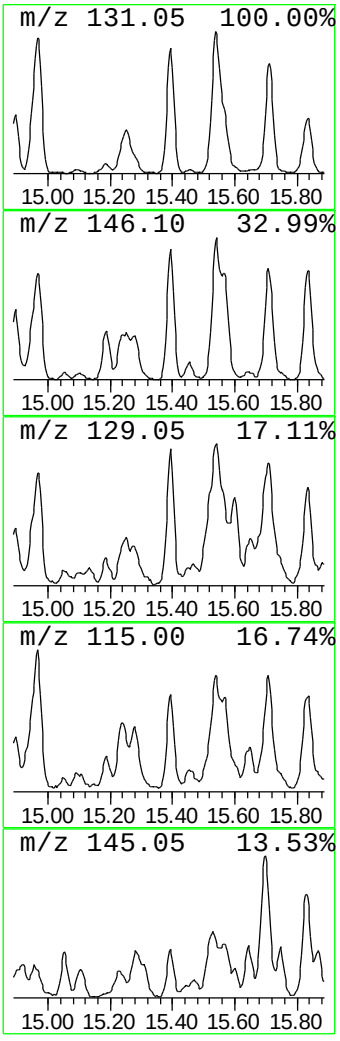
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	11.06 ug/l	403284	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	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





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

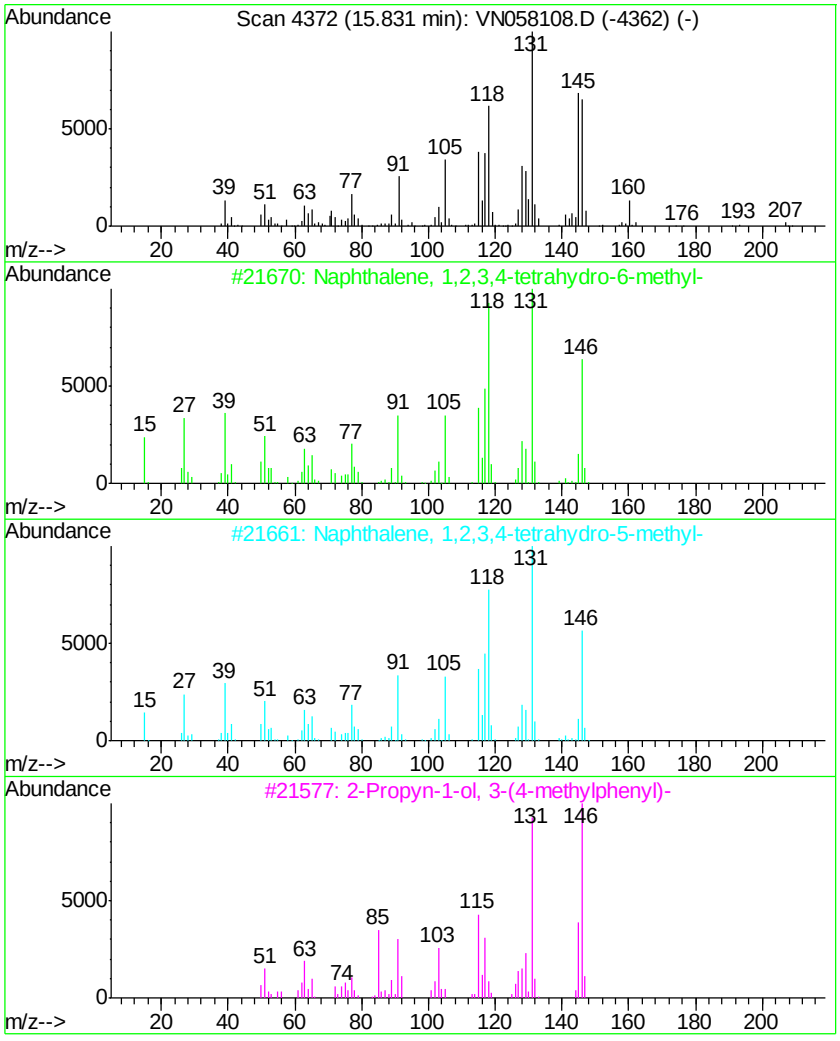
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

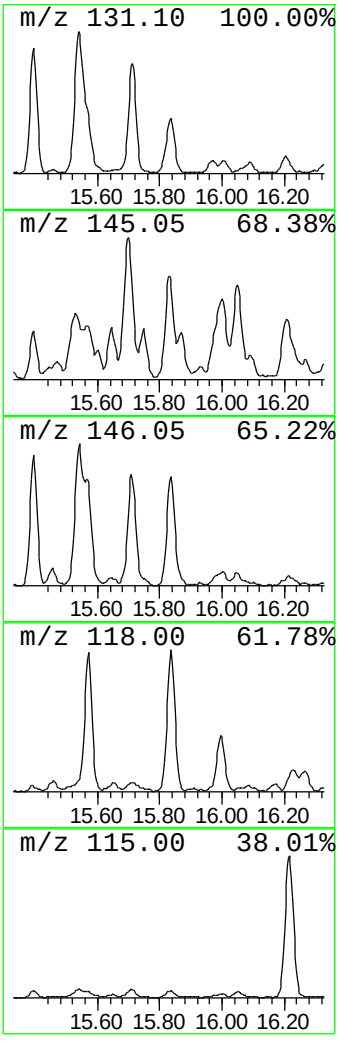
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	12.68 ug/l	462289	1,4-Dichlorobenzene-d4	13.35

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-...	146	C11H14	002809-64-5	89
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
Data File : VN058108.D
Acq On : 16 Sep 2019 11:22
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

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

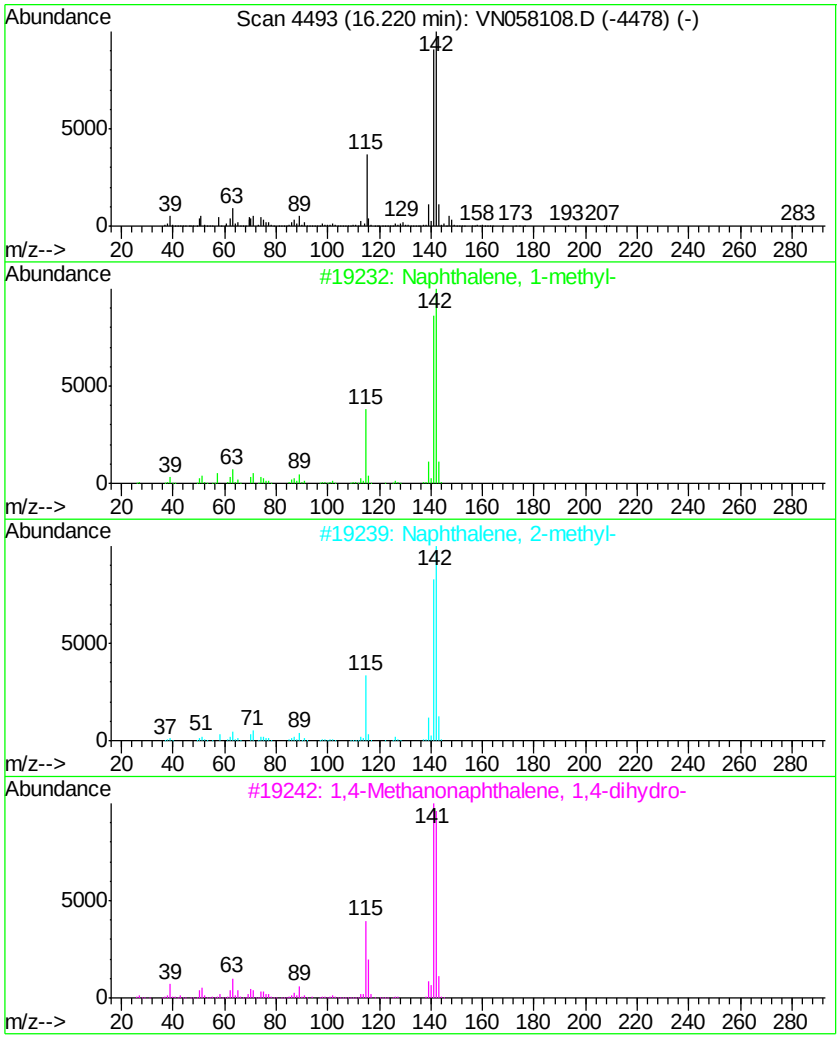
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

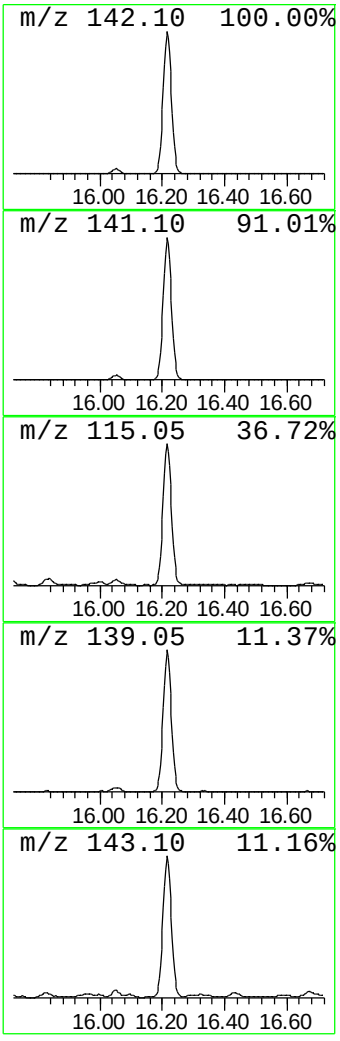
****

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	129.11 ug/l	4708880	1,4-Dichlorobenzene-d4	13.35

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
Data File : VN058108.D
Acq On : 16 Sep 2019 11:22
Operator : JC/SP
Sample : K4871-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DAY-1

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
Benzene, (2-methy...	14.00	14.6	ug/l	533446	4	13.35	1823630	50.0
Benzene, 1,2,4,5-...	14.22	10.6	ug/l	385055	4	13.35	1823630	50.0
2,4-Dimethylstyrene	14.60	27.8	ug/l	1013490	4	13.35	1823630	50.0
Benzene, 2-etheny...	14.86	16.4	ug/l	600111	4	13.35	1823630	50.0
Bicyclo[4.2.0]oct...	14.97	15.6	ug/l	570281	4	13.35	1823630	50.0
1H-Indene, 2,3-di...	15.39	11.1	ug/l	403284	4	13.35	1823630	50.0
Naphthalene, 1,2,...	15.83	12.7	ug/l	462289	4	13.35	1823630	50.0
Naphthalene, 1-me...	16.22	129.1	ug/l	4708880	4	13.35	1823630	50.0