LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063632.D
Acq On : 24 Sep 2020 16:40
Operator : JC/MD
Sample : L4056-01 50X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 228

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\82N091620W.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	2.290	159	171	182	rBV	25380	43431	2.18%	0.350%
2	3.772	610	632	662	rBV	772274	1993115	100.00%	16.050%
3	5.981	1306	1319	1321	rBV5	23941	37684	1.89%	0.303%
4	6.772	1550	1565	1584	rBV4	14672	48866	2.45%	0.394%
5	7.550	1789	1807	1819	rBV2	169286	425603	21.35%	3.427%
6	7.627	1819	1831	1853	rVB	267484	645855	32.40%	5.201%
7	7.798	1869	1884	1900	rBV3	15782	40063	2.01%	0.323%
8	7.991	1924	1944	1965	rBV2	211025	507904	25.48%	4.090%
9	8.550	2102	2118	2139	rBV	442048	943066	47.32%	7.594%
10	8.804	2187	2197	2209	rVB6	17608	37185	1.87%	0.299%
11	10.061	2572	2588	2599	rBV	734437	1328981	66.68%	10.702%
12	10.126	2599	2608	2624	rVB	265924	489288	24.55%	3.940%
13	10.328	2661	2671	2685	rBV3	11707	23785	1.19%	0.192%
14	11.380	2984	2998	3018	rBV	715622	1259086	63.17%	10.139%
15	11.486	3021	3031	3041	rVB2	39622	65936	3.31%	0.531%
16	11.592	3048	3064	3081	rBV2	95214	185825	9.32%	1.496%
17	11.923	3153	3167	3179	rBV	77572	130304	6.54%	1.049%
18	12.376	3295	3308	3326	rBV	584065	981623	49.25%	7.905%
19	12.566	3356	3367	3377	rBV	25017	40211	2.02%	0.324%
20	12.630	3377	3387	3394	rBV	77609	130848	6.57%	1.054%
21	12.708	3404	3411	3426	rVB	38308	62732	3.15%	0.505%
22	12.868	3449	3461	3475	rBV2	48256	79303	3.98%	0.639%
23	13.016	3496	3507	3518	rBV	142868	231460	11.61%	1.864%
24	13.103	3525	3534	3542	rBV9	13010	26972	1.35%	0.217%
25	13.318	3588	3601	3623	rBV2	717187	1296412	65.04%	10.440%
26	13.428	3626	3635	3647	rVV3	33086	58785	2.95%	0.473%
27	13.518	3647	3663	3671	rVV2	97951	212217	10.65%	1.709%
28	13.563	3672	3677	3695	rVV6	32230	74556	3.74%	0.600%
29	13.717	3717	3725	3733	rVB	16760	26628	1.34%	0.214%
30	13.778	3736	3744	3748	rBV4	18250	27825	1.40%	0.224%
31	13.862	3763	3770	3780	rVB2	26296	39895	2.00%	0.321%
32	13.968	3795	3803	3813	rVB2	40641	65535	3.29%	0.528%
33	14.183	3861	3870	3876	rBV	14503	21962	1.10%	0.177%
34	14.222	3876	3882	3891	rVB2	24136	33644	1.69%	0.271%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092420\
Data File : VN063632.D
Acq On : 24 Sep 2020 16:40
Operator : JC/MD
Sample : L4056-01 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 228

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\82N091620W.M
Title : SW846 8260

35	14.450	3945	3953	3963	rVV2	33412	57572	2.89%	0.464%
36	14.569	3976	3990	4001	rBV3	83840	167043	8.38%	1.345%
37	14.714	4024	4035	4050	rVB3	77922	130177	6.53%	1.048%
38	14.933	4090	4103	4112	rVB4	21013	42535	2.13%	0.343%
39	15.106	4144	4157	4166	rBV2	38342	69313	3.48%	0.558%
40	15.225	4183	4194	4202	rBV9	14703	34734	1.74%	0.280%
41	15.389	4234	4245	4254	rBV5	14632	26505	1.33%	0.213%
42	15.582	4281	4305	4319	rVB6	42367	104789	5.26%	0.844%
43	15.878	4385	4397	4411	rVB6	27008	52992	2.66%	0.427%
44	16.068	4443	4456	4464	rBV9	11564	24015	1.20%	0.193%
45	16.122	4464	4473	4488	rVB4	24587	52198	2.62%	0.420%
46	16.318	4519	4534	4545	rBV9	15977	39723	1.99%	0.320%

Sum of corrected areas: 12418181

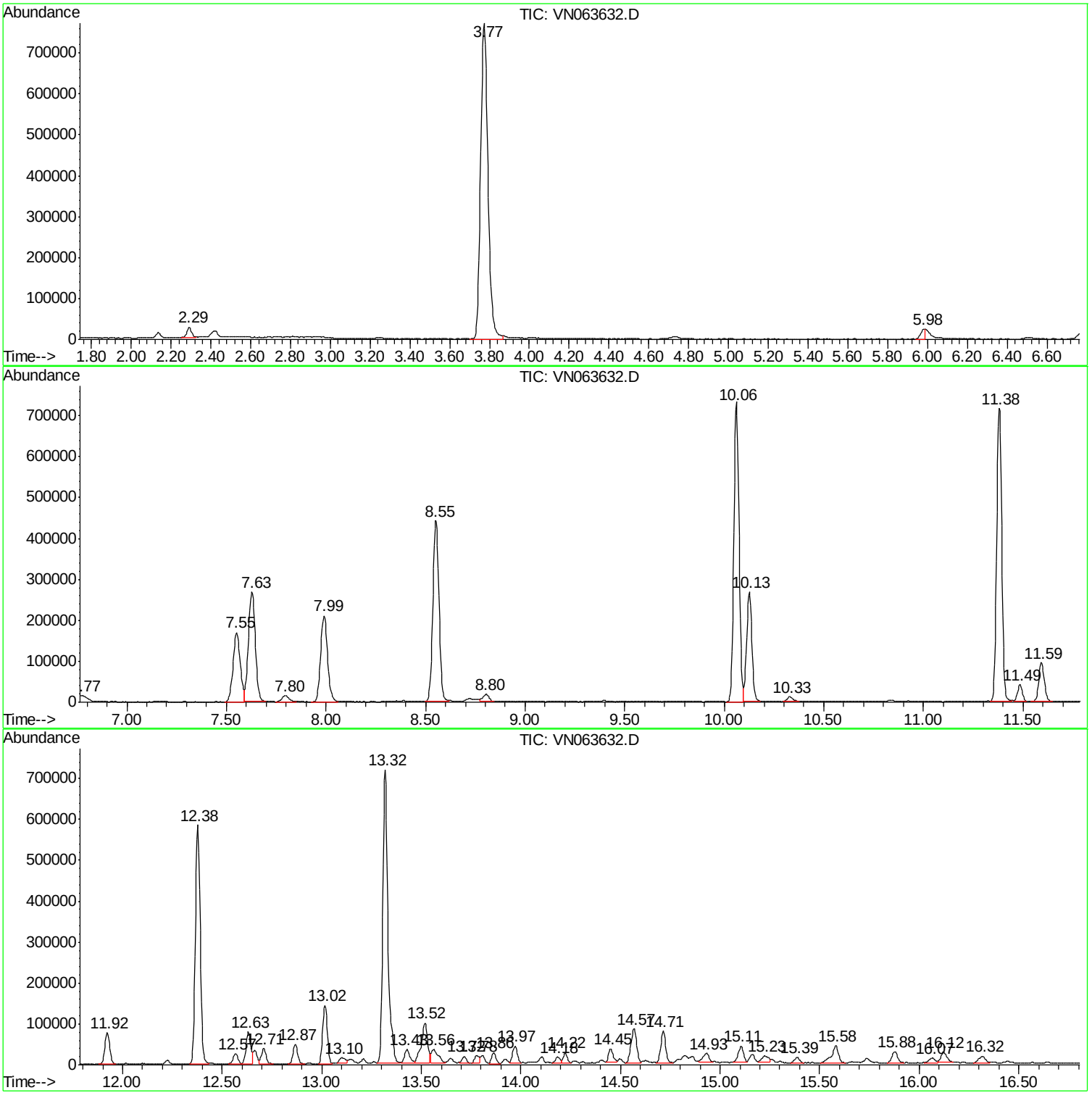
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063632.D
Acq On : 24 Sep 2020 16:40
Operator : JC/MD
Sample : L4056-01 50X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 228

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.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\VN092420\
Data File : VN063632.D
Acq On : 24 Sep 2020 16:40
Operator : JC/MD
Sample : L4056-01 50X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 228

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260

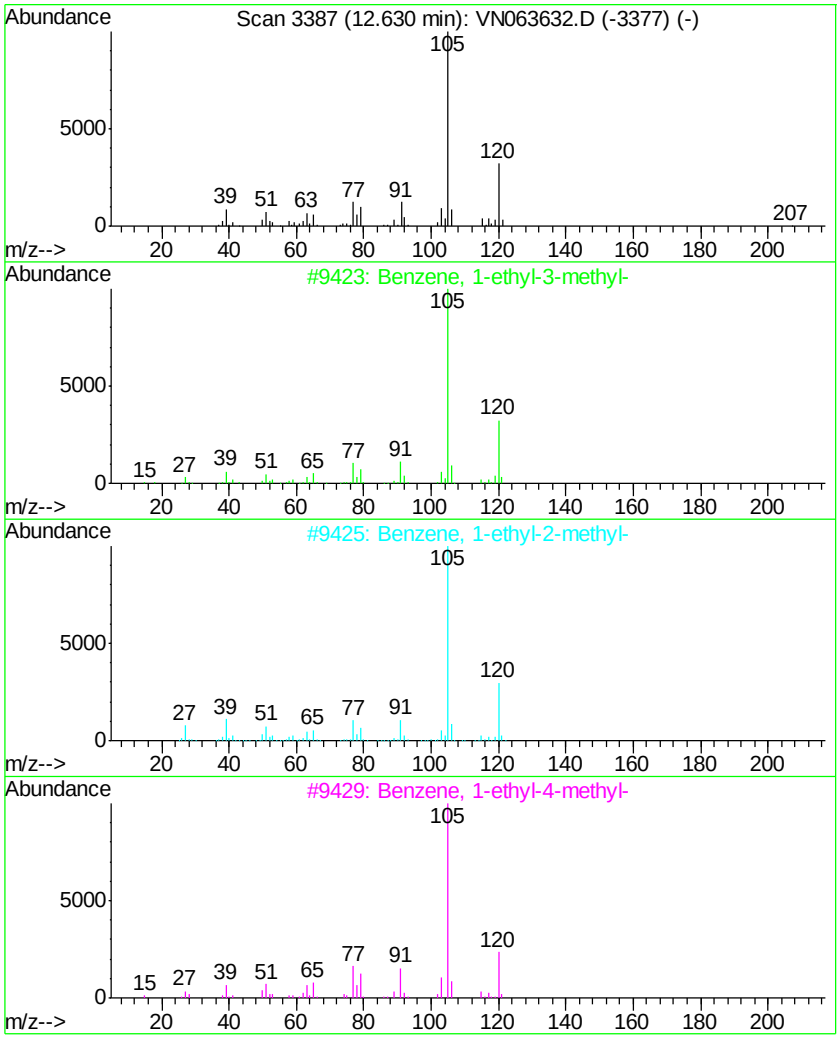
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

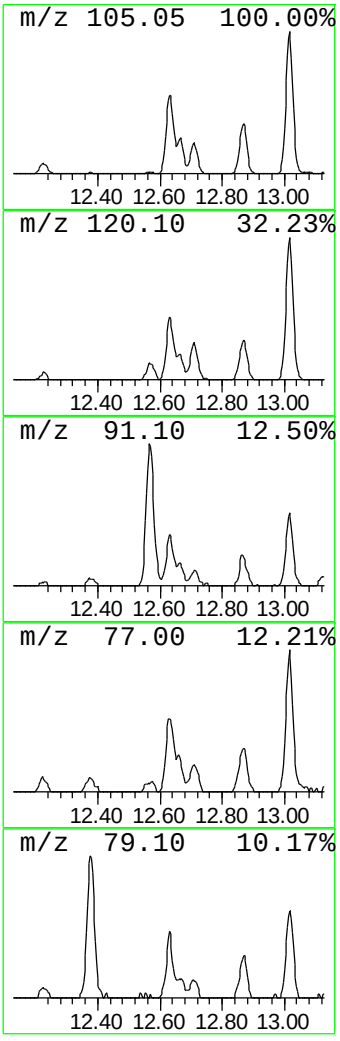
****

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	5.05 ug/l	130848	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063632.D
Acq On : 24 Sep 2020 16:40
Operator : JC/MD
Sample : L4056-01 50X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 228

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260

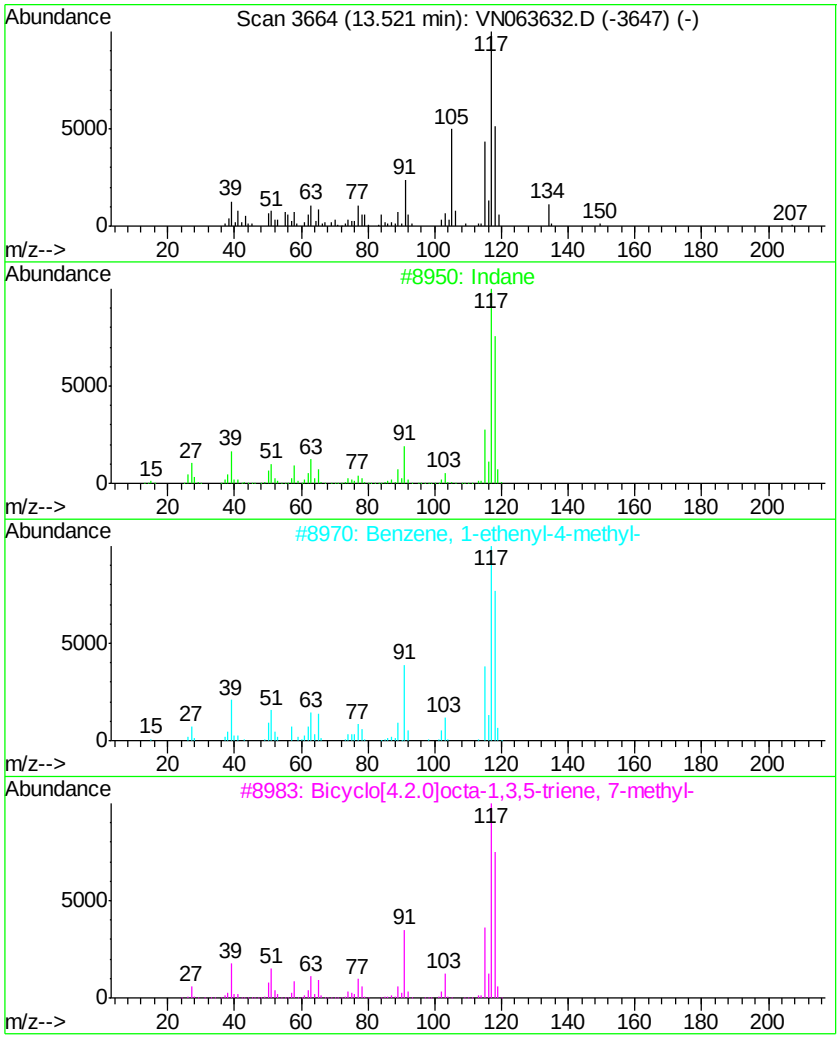
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

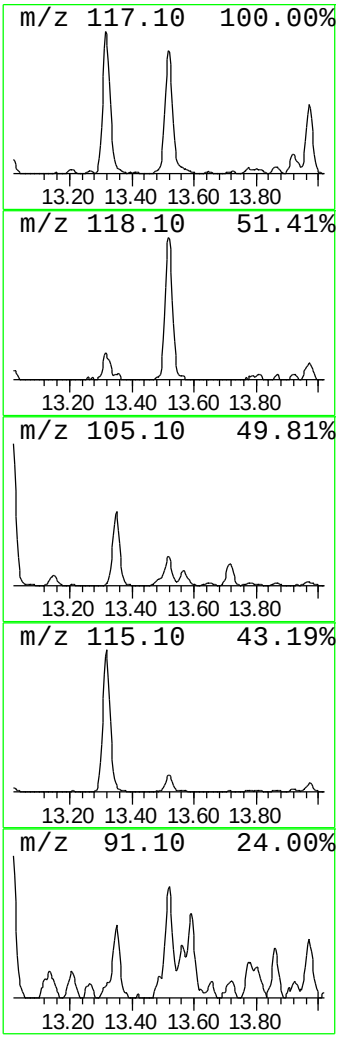
****

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	8.18 ug/l	212217	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	89
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	83
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092420\
Data File : VN063632.D
Acq On : 24 Sep 2020 16:40
Operator : JC/MD
Sample : L4056-01 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 228

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260

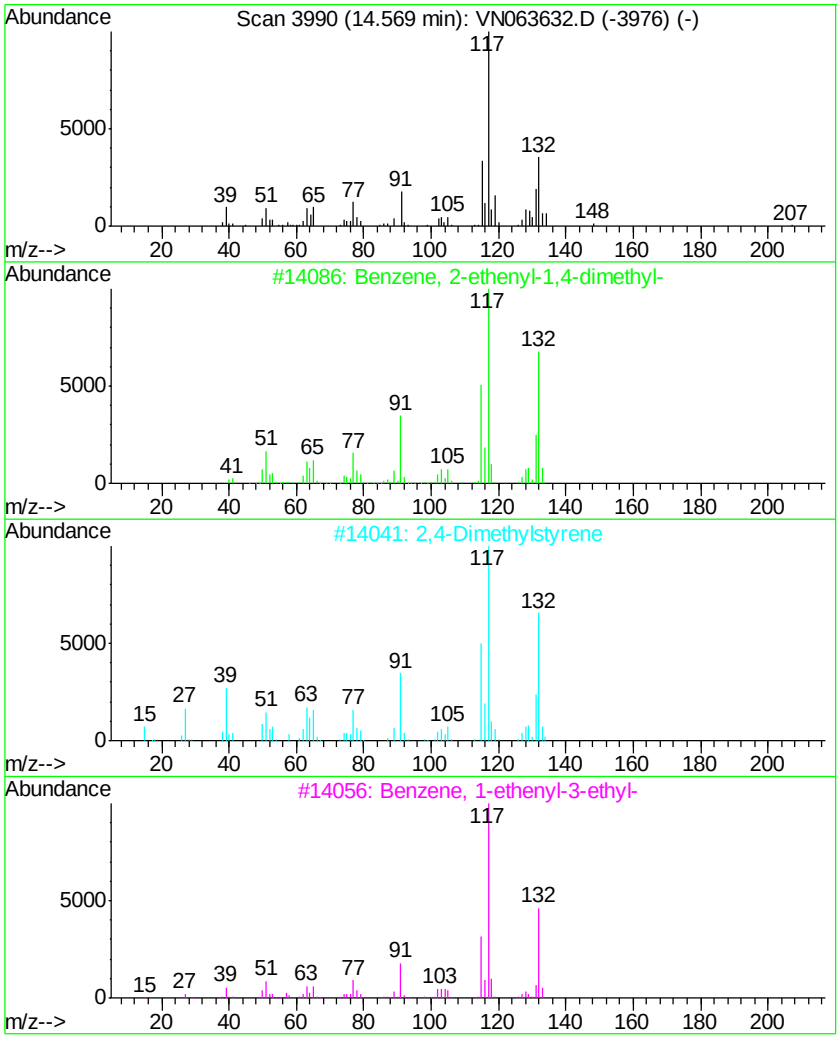
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

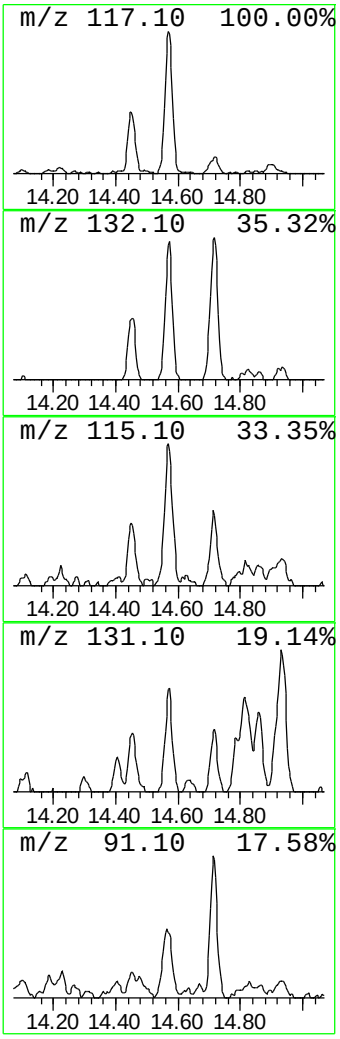
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	6.44 ug/l	167043	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	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092420\
Data File : VN063632.D
Acq On : 24 Sep 2020 16:40
Operator : JC/MD
Sample : L4056-01 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 228

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260

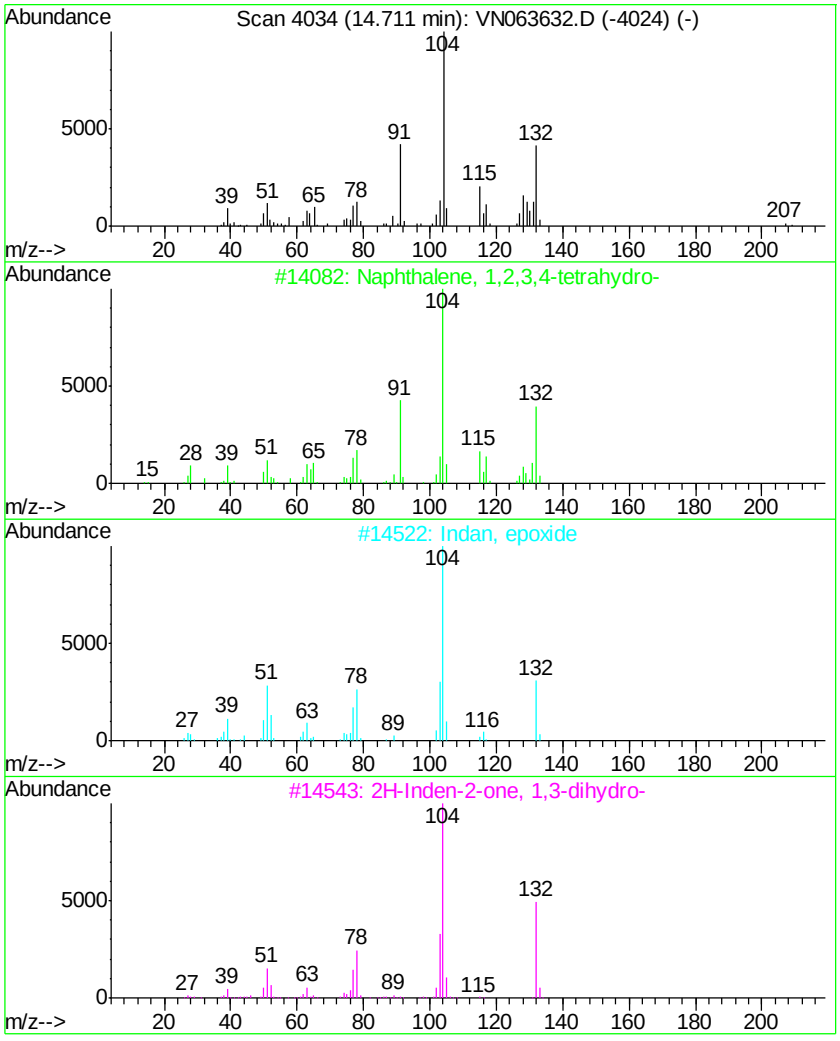
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

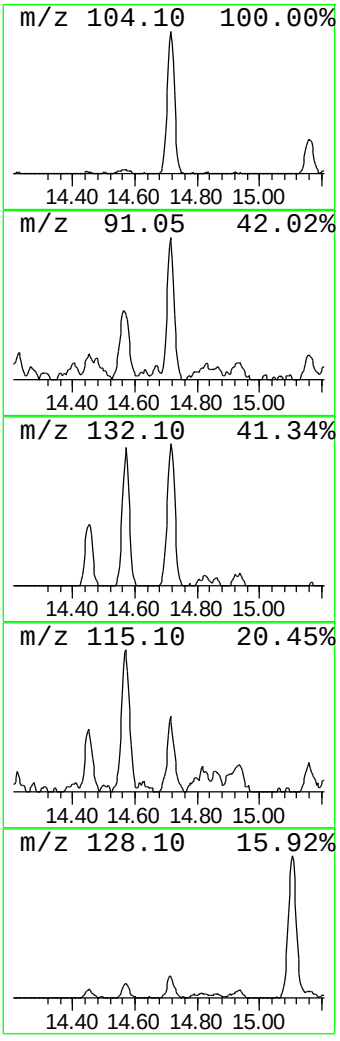
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	5.02 ug/l	130177	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Indan, epoxide	132	C9H8O	000768-22-9	53
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092420\
Data File : VN063632.D
Acq On : 24 Sep 2020 16:40
Operator : JC/MD
Sample : L4056-01 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 228

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.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-ethyl-...	12.63	5.0	ug/l	130848	4	13.32	1296410	50.0
Indane	13.52	8.2	ug/l	212217	4	13.32	1296410	50.0
Benzene, 2-etheny...	14.57	6.4	ug/l	167043	4	13.32	1296410	50.0
Naphthalene, 1,2,...	14.71	5.0	ug/l	130177	4	13.32	1296410	50.0