LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238DL

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\82N012521W.M
Title : SW846 8260

Signal : TIC: VN065606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	164	174	188	rVB	37026	63325	4.47%	0.384%
2	3.283	460	480	508	rBV2	96947	348641	24.63%	2.115%
3	3.785	623	636	654	rVB2	34614	87719	6.20%	0.532%
4	6.798	1560	1573	1593	rBV4	5650	16593	1.17%	0.101%
5	7.550	1788	1807	1818	rBV2	133078	337246	23.83%	2.046%
6	7.624	1818	1830	1851	rVB	265969	632794	44.71%	3.839%
7	7.994	1924	1945	1965	rBV3	267344	691446	48.86%	4.195%
8	8.550	2102	2118	2140	rBV	408562	858574	60.67%	5.209%
9	10.058	2568	2587	2597	rBV	655571	1205756	85.20%	7.316%
10	10.122	2597	2607	2629	rVB	777431	1415240	100.00%	8.587%
11	11.376	2984	2997	3016	rBV	549669	968863	68.46%	5.878%
12	11.479	3020	3029	3042	rVB	66469	112025	7.92%	0.680%
13	11.588	3050	3063	3080	rBV	414504	800528	56.56%	4.857%
14	11.916	3155	3165	3177	rBV	312959	535219	37.82%	3.247%
15	12.373	3296	3307	3335	rBV	407983	769283	54.36%	4.668%
16	12.627	3376	3386	3392	rBV	181758	302746	21.39%	1.837%
17	12.704	3403	3410	3421	rVB	119703	199463	14.09%	1.210%
18	12.862	3450	3459	3474	rBV	101738	164982	11.66%	1.001%
19	13.010	3495	3505	3517	rVB	381010	599542	42.36%	3.638%
20	13.206	3561	3566	3575	rVB4	20477	26322	1.86%	0.160%
21	13.315	3589	3600	3620	rVB2	450128	1049982	74.19%	6.371%
22	13.514	3646	3662	3669	rBV	287898	506848	35.81%	3.075%
23	13.553	3670	3674	3691	rVB3	94439	158469	11.20%	0.961%
24	13.643	3695	3702	3710	rVV	62255	88581	6.26%	0.537%
25	13.775	3735	3743	3747	rBV	68062	107545	7.60%	0.653%
26	13.858	3761	3769	3778	rVB	106987	159879	11.30%	0.970%
27	13.913	3779	3786	3793	rBV2	35750	58974	4.17%	0.358%
28	13.965	3793	3802	3813	rVV	131103	216595	15.30%	1.314%
29	14.038	3818	3825	3835	rVB2	108358	184796	13.06%	1.121%
30	14.100	3837	3844	3850	rBV	42637	74133	5.24%	0.450%
31	14.180	3864	3869	3874	rBV	35748	47131	3.33%	0.286%
32	14.219	3875	3881	3889	rVB	114164	165008	11.66%	1.001%
33	14.264	3891	3895	3902	rVB4	39748	48595	3.43%	0.295%
34	14.444	3944	3951	3960	rBV	128530	182784	12.92%	1.109%
35	14.495	3960	3967	3975	rVB	120739	168429	11.90%	1.022%
36	14.563	3975	3988	3998	rBV3	333057	679005	47.98%	4.120%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238DL

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\82N012521W.M
Title : SW846 8260

37	14.710	4025	4034	4043	rBV	276318	444230	31.39%	2.695%
38	15.083	4144	4150	4164	rVB2	39791	92005	6.50%	0.558%
39	15.154	4166	4172	4181	rVB	72753	106046	7.49%	0.643%
40	15.215	4183	4191	4200	rBV5	43712	103917	7.34%	0.631%
41	15.296	4209	4216	4229	rVB	125891	203048	14.35%	1.232%
42	15.379	4234	4242	4257	rVB	82677	178438	12.61%	1.083%
43	15.575	4296	4303	4317	rVB	206052	372917	26.35%	2.263%
44	15.730	4343	4351	4371	rVB3	52979	122474	8.65%	0.743%
45	15.871	4383	4395	4406	rBV4	140332	286455	20.24%	1.738%
46	15.990	4427	4432	4440	rVB2	20123	27169	1.92%	0.165%
47	16.058	4446	4453	4463	rVB4	62183	110109	7.78%	0.668%
48	16.119	4465	4472	4483	rVV2	54244	106448	7.52%	0.646%
49	16.190	4486	4494	4515	rVB2	95493	181892	12.85%	1.104%
50	16.305	4520	4530	4541	rBV6	44373	113290	8.01%	0.687%

Sum of corrected areas: 16481499

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Acq On : 26 Jan 2021 16:02
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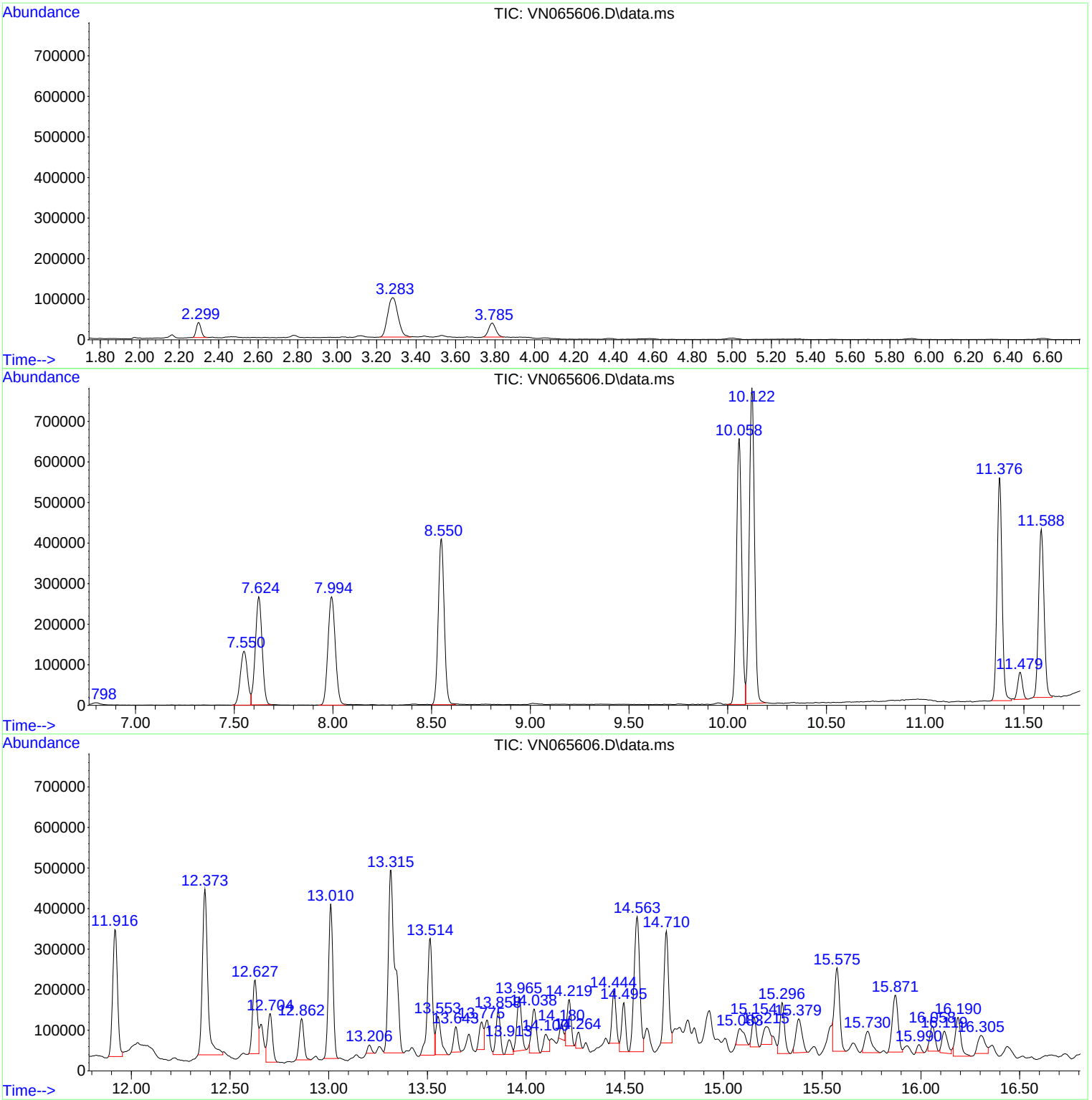
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
238DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238DL

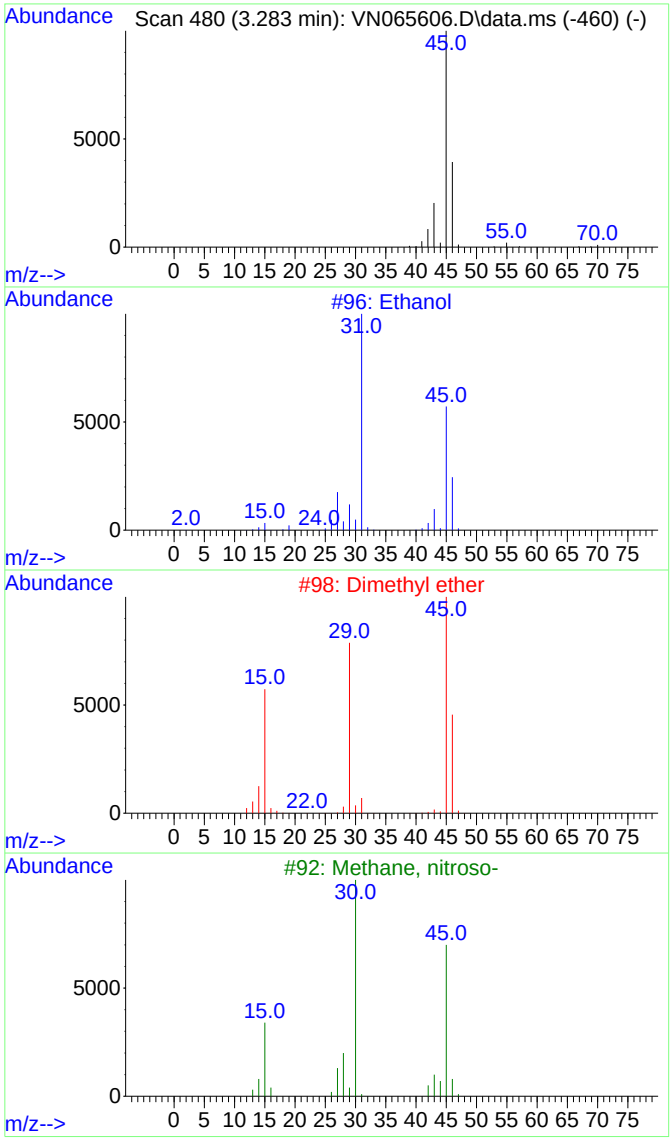
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

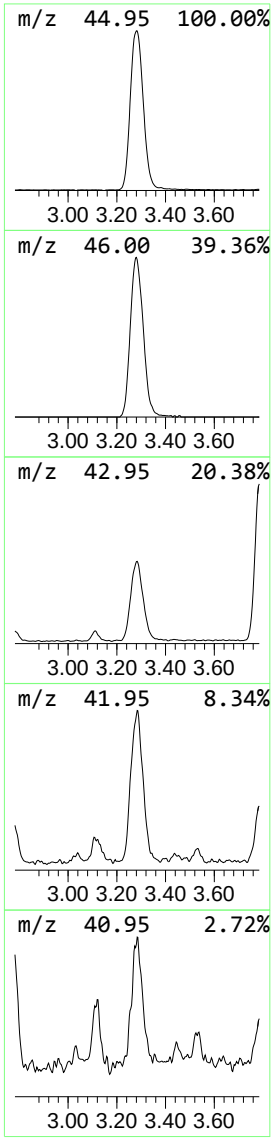
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.283	27.55 ug/l	348641	Pentafluorobenzene	7.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	78
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238DL

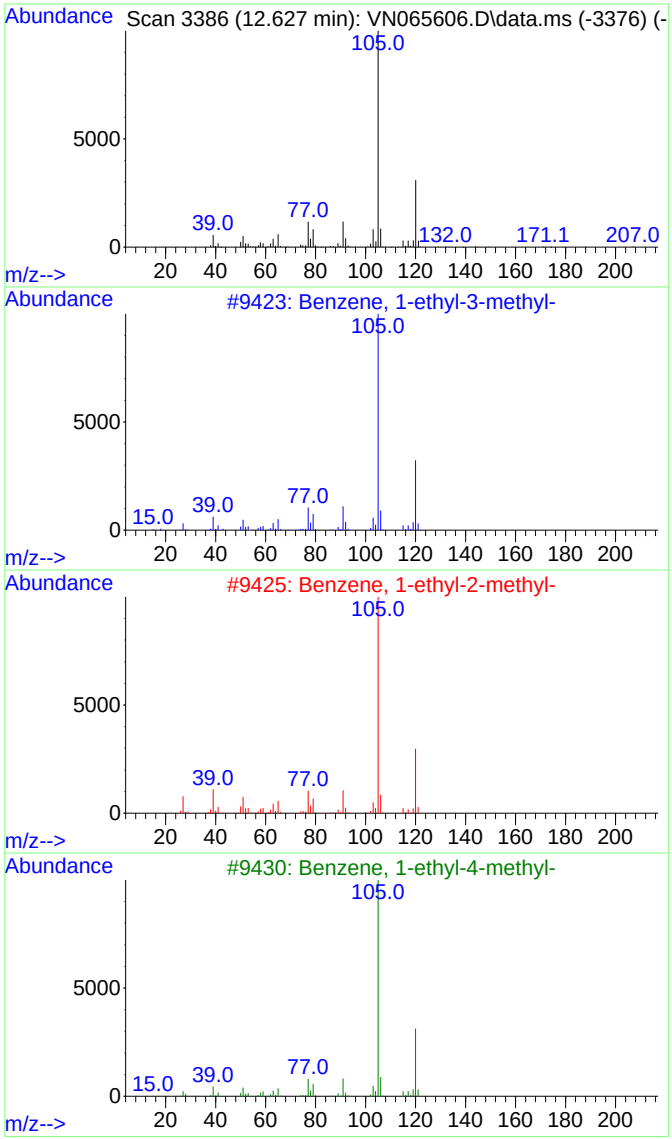
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

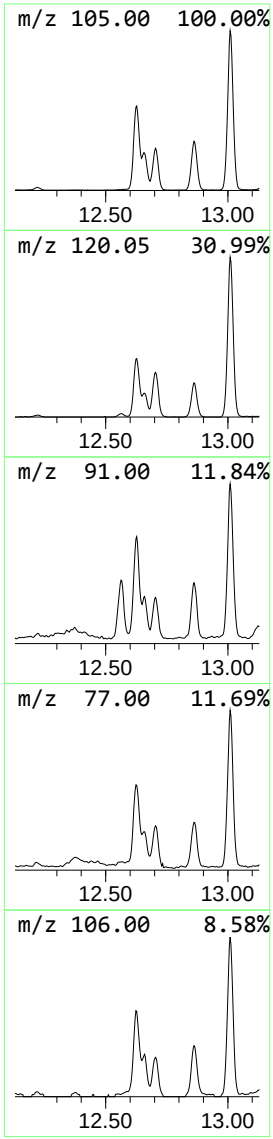
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	14.42 ug/l	302746	1,4-Dichlorobenzene-d4	13.315

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	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
238DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

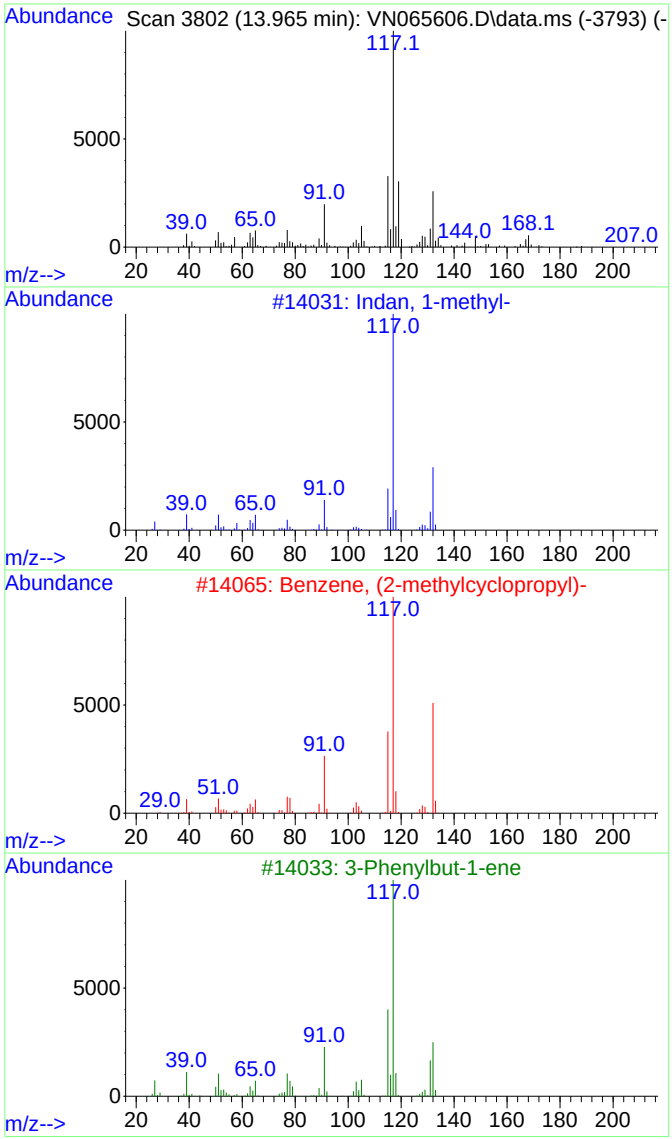
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

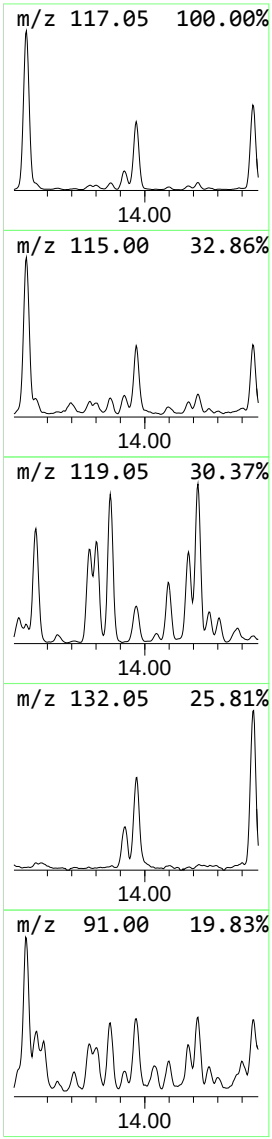
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.964	10.31 ug/l	216595	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	76
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	68
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	68
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	68
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238DL

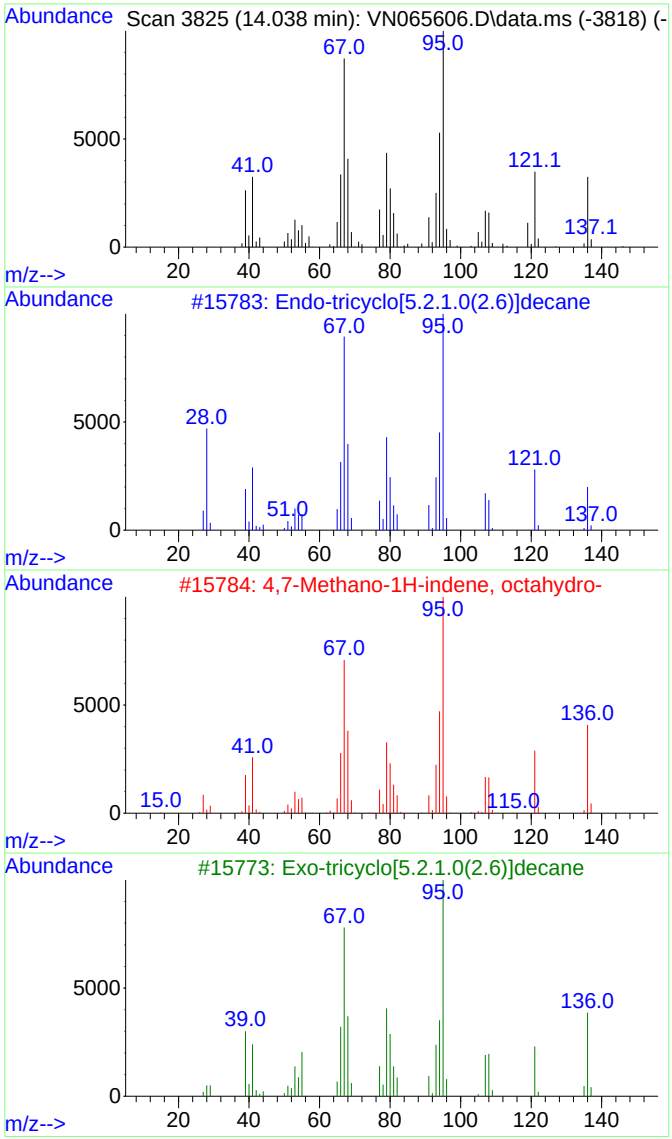
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

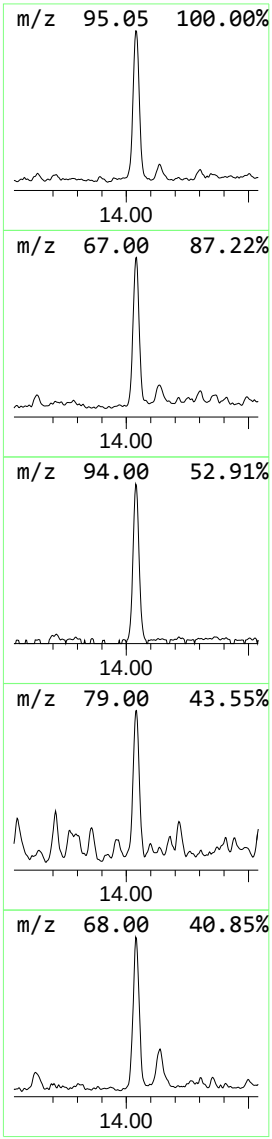
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Endo-tricyclo[5.2.1.0(2.6)]... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.039	8.80 ug/l	184796	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	98
2	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	97
3	Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	93
4	7-Methylene-9-oxa-bicyclo[3.3.1]...	136	C9H12O	1000193-85-5	83
5	exo-Norbornyl alcohol	112	C7H12O	000497-37-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
238DL

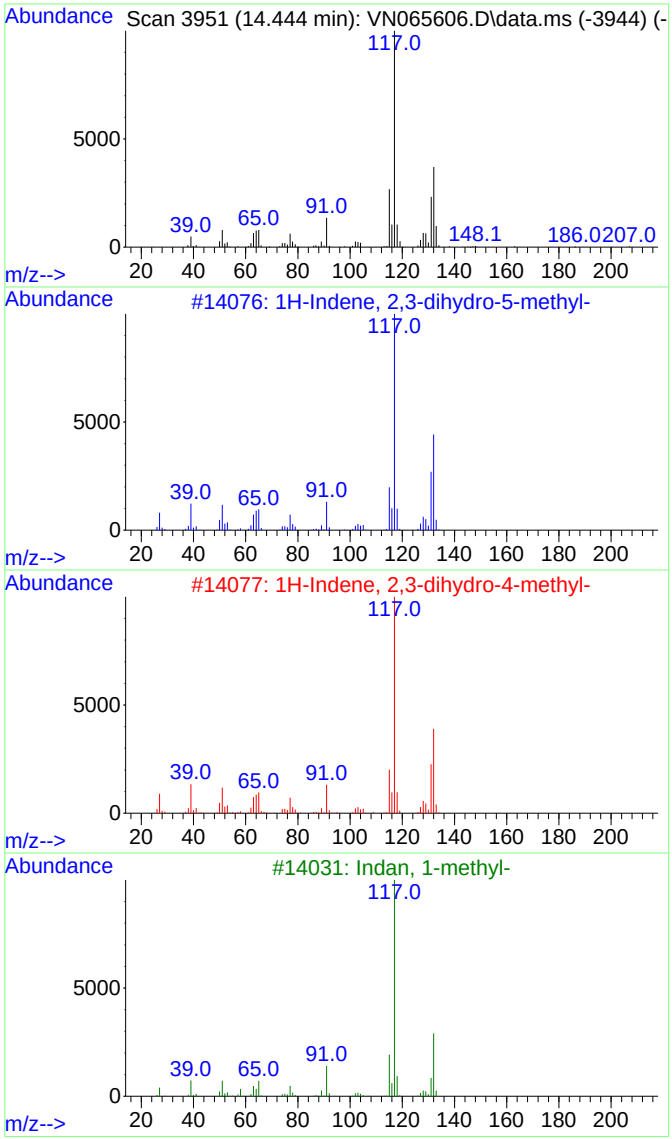
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

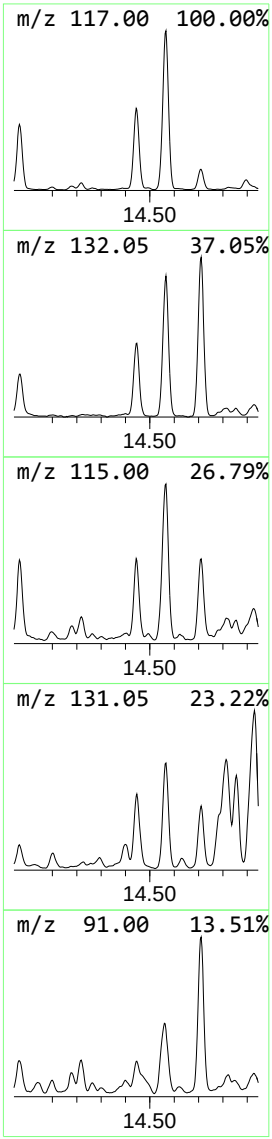
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.444	8.70 ug/l	182784	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72





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Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
238DL

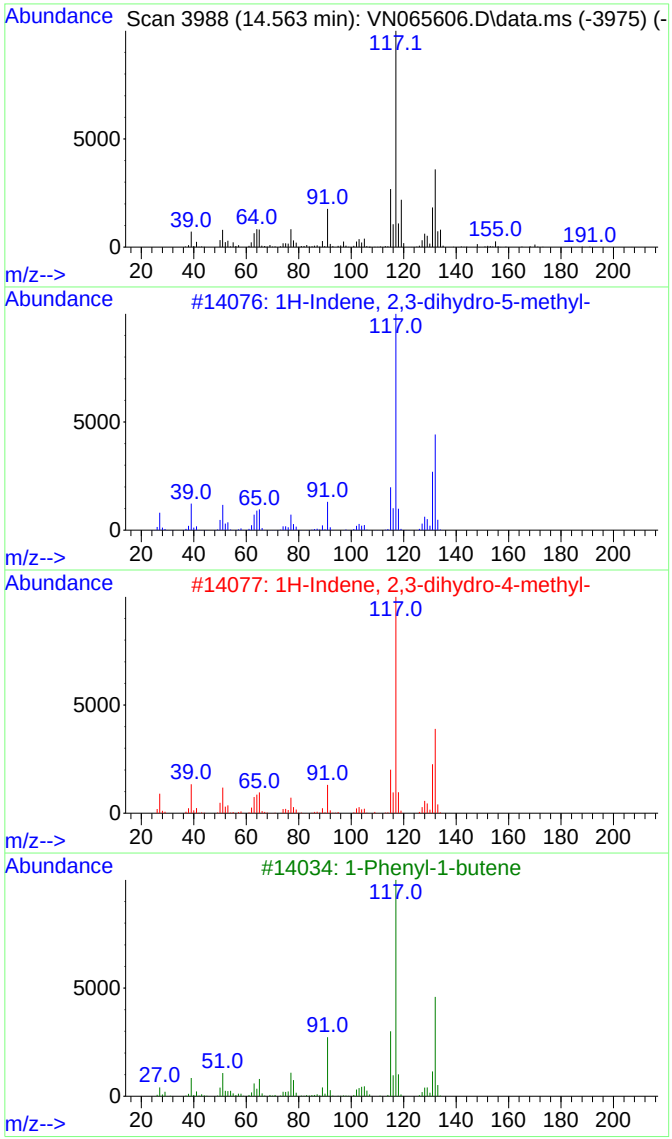
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

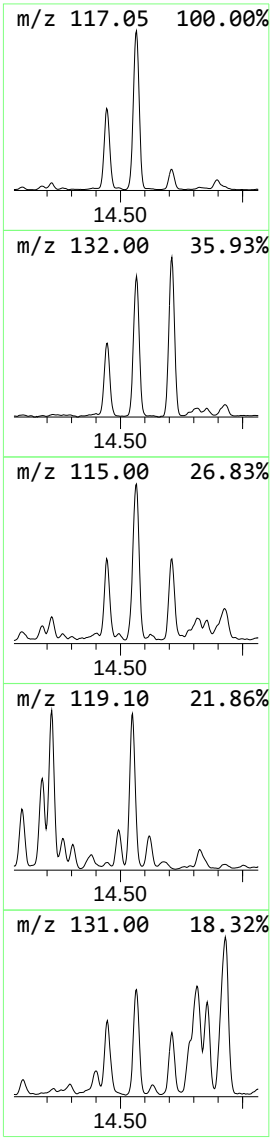
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	32.33 ug/l	679005	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





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Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238DL

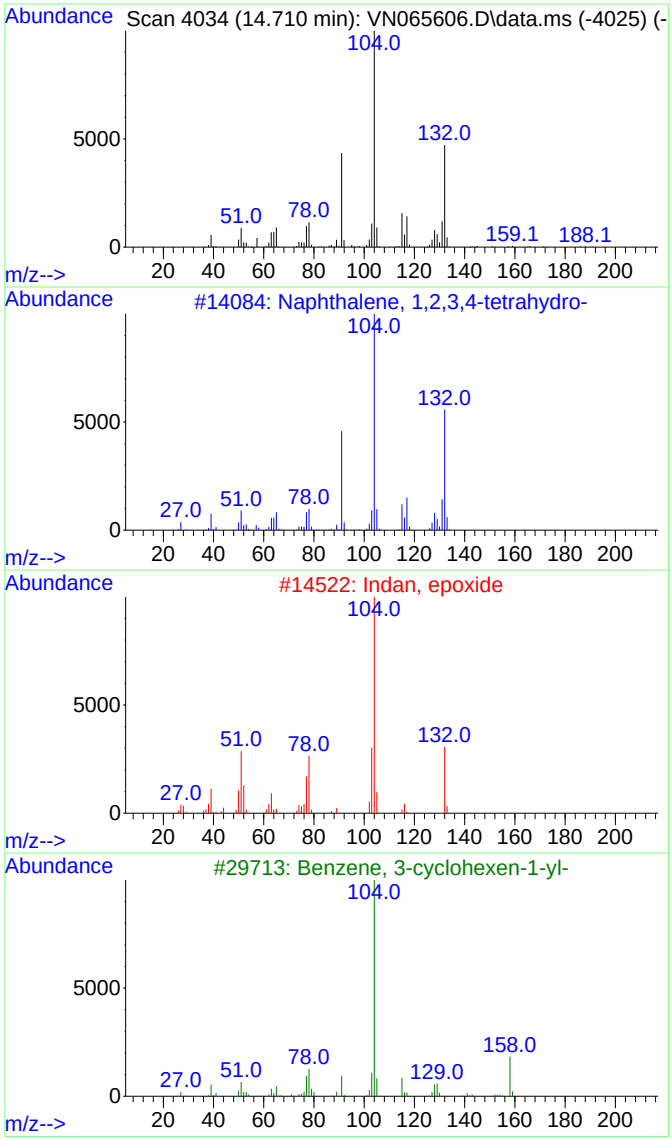
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

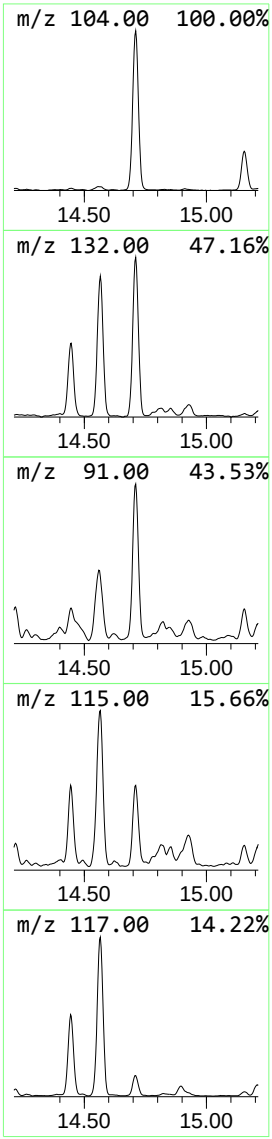
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.711	21.15 ug/l	444230	1,4-Dichlorobenzene-d4	13.315

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	62
3	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
4	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	43
5	2-Phehylethylamine, N,N-di(trifl...	313	C12H9F6NO2	1000328-32-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
238DL

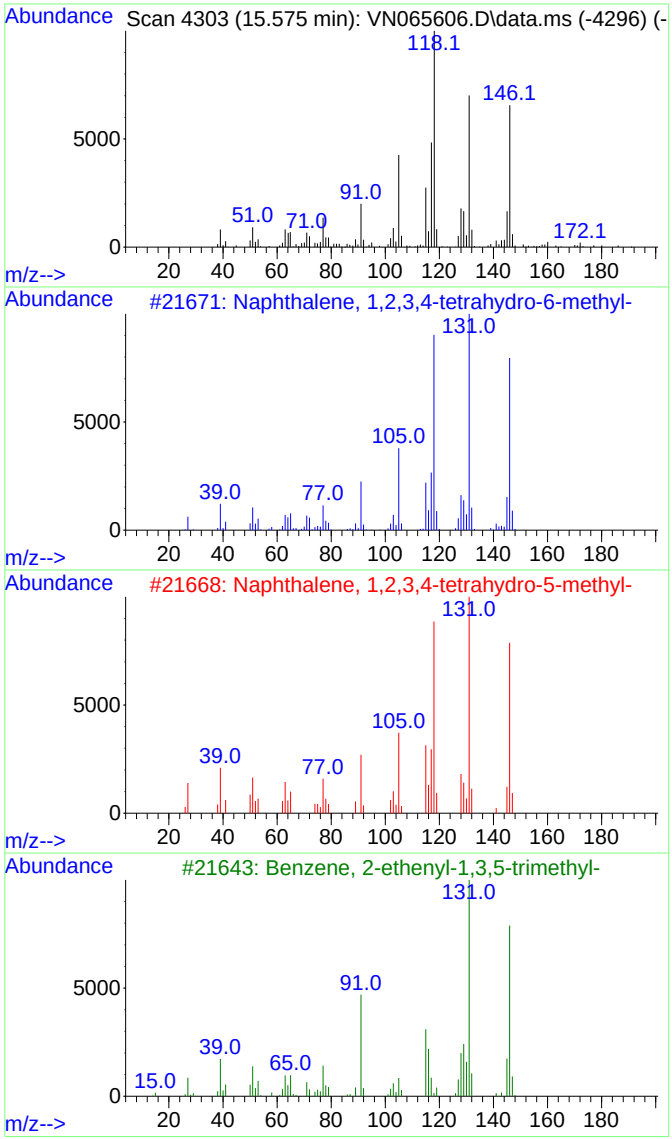
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

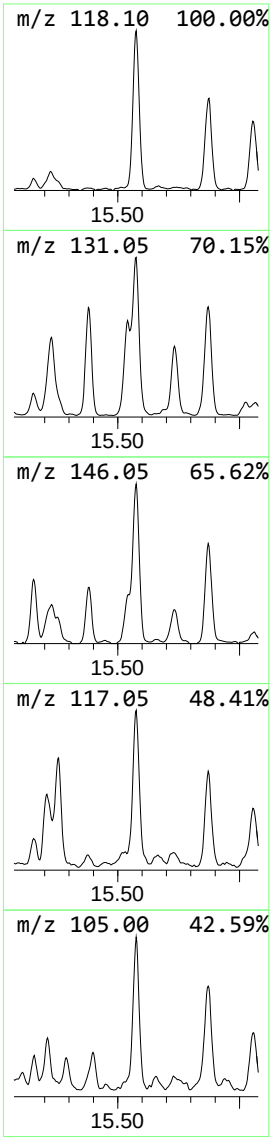
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.575	17.76 ug/l	372917	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
4	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	49
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	43





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Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238DL

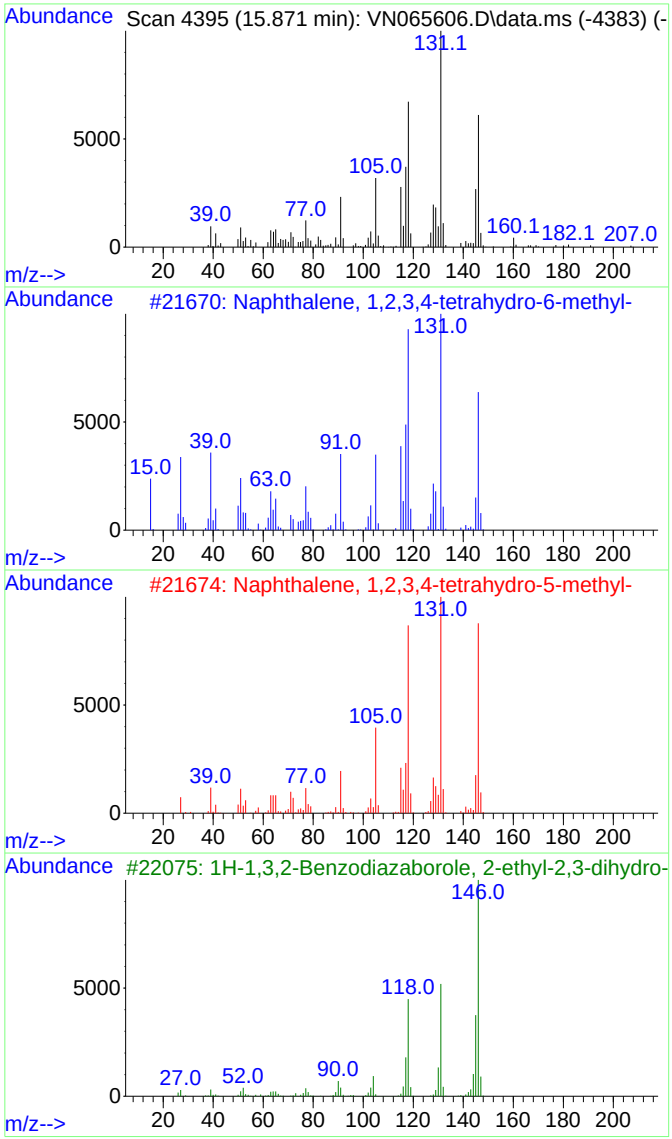
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

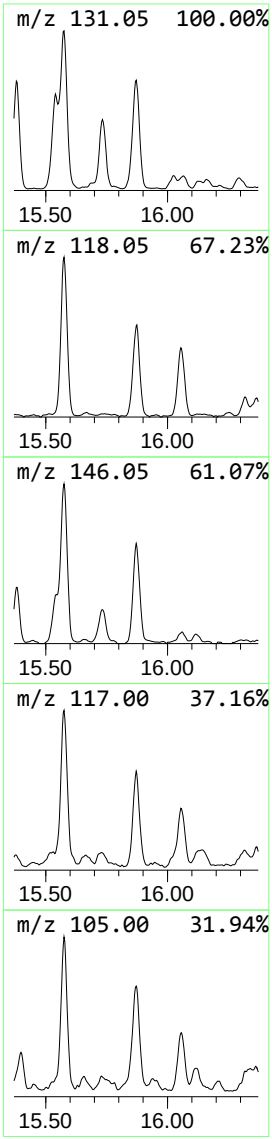
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.871	13.64 ug/l	286455	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

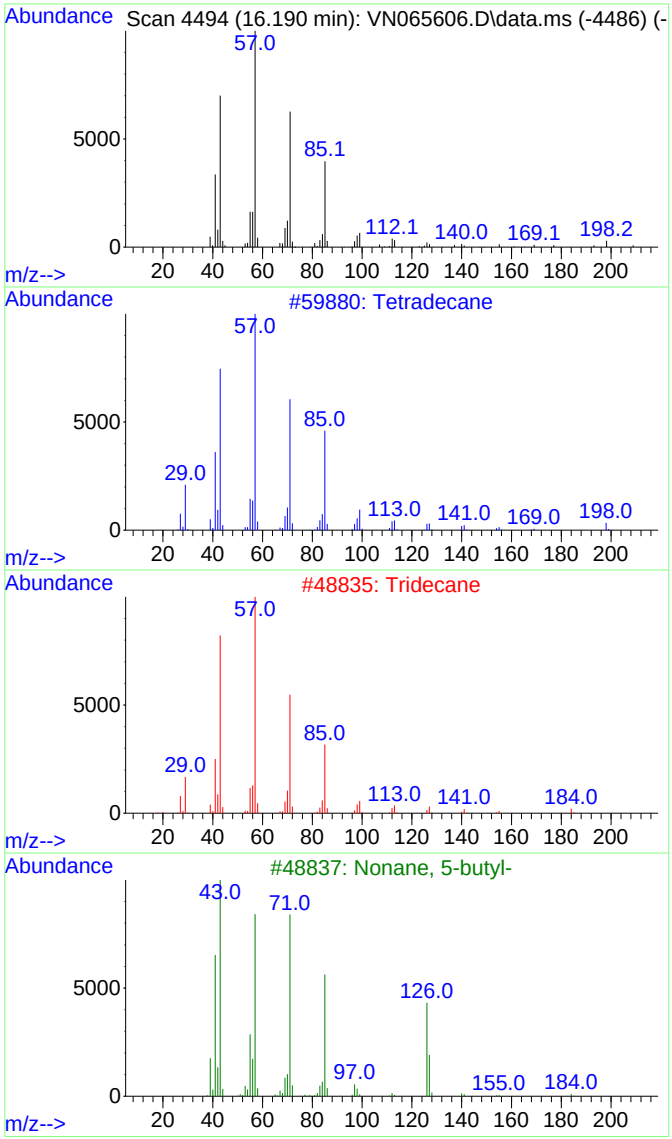
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

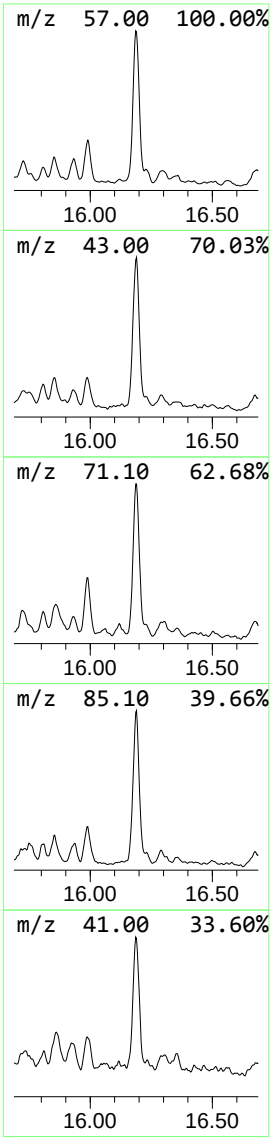
****

Peak Number 10 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.189	8.66 ug/l	181892	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tridecane	184	C13H28	000629-50-5	83
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	78
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.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
Ethanol	3.283	27.5	ug/l	348641	1	7.624	632794	50.0
Benzene, 1-ethy...	12.627	14.4	ug/l	302746	4	13.315	1049980	50.0
Indan, 1-methyl-	13.964	10.3	ug/l	216595	4	13.315	1049980	50.0
Endo-tricyclo[5...	14.039	8.8	ug/l	184796	4	13.315	1049980	50.0
1H-Indene, 2,3-...	14.444	8.7	ug/l	182784	4	13.315	1049980	50.0
1H-Indene, 2,3-...	14.563	32.3	ug/l	679005	4	13.315	1049980	50.0
Naphthalene, 1,...	14.711	21.2	ug/l	444230	4	13.315	1049980	50.0
Naphthalene, 1,...	15.575	17.8	ug/l	372917	4	13.315	1049980	50.0
Naphthalene, 1,...	15.871	13.6	ug/l	286455	4	13.315	1049980	50.0
Tetradecane	16.189	8.7	ug/l	181892	4	13.315	1049980	50.0