LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
Data File : VN066087.D
Acq On : 1 Mar 2021 19:28
Operator : JC/MD
Sample : M1488-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30779

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\82N021721W.M
Title : SW846 8260

Signal : TIC: VN066087.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.309	163	177	195	rBV	263093	425292	10.02%	2.621%
2	3.267	452	475	533	rBV	1571704	4243089	100.00%	26.150%
3	3.788	619	637	663	rBV	109267	280777	6.62%	1.730%
4	6.791	1554	1571	1590	rBV2	15318	44855	1.06%	0.276%
5	7.550	1790	1807	1819	rBV2	72637	181677	4.28%	1.120%
6	7.627	1819	1831	1849	rVB2	142892	335365	7.90%	2.067%
7	7.997	1925	1946	1968	rBV4	173433	472559	11.14%	2.912%
8	8.550	2102	2118	2136	rBV	204857	424041	9.99%	2.613%
9	10.058	2571	2587	2596	rBV	320141	605356	14.27%	3.731%
10	10.122	2596	2607	2626	rVB	912513	1655584	39.02%	10.203%
11	11.376	2984	2997	3018	rBV	280359	498129	11.74%	3.070%
12	11.482	3018	3030	3049	rVV	144180	245811	5.79%	1.515%
13	11.589	3049	3063	3092	rVV	523025	993857	23.42%	6.125%
14	11.917	3152	3165	3184	rBV	385348	660384	15.56%	4.070%
15	12.373	3295	3307	3327	rBV	212342	371435	8.75%	2.289%
16	12.563	3354	3366	3375	rBV2	27272	45879	1.08%	0.283%
17	12.627	3375	3386	3393	rBV	155068	271517	6.40%	1.673%
18	12.704	3402	3410	3427	rVB	95987	160437	3.78%	0.989%
19	12.801	3430	3440	3448	rVV2	28189	45456	1.07%	0.280%
20	12.862	3449	3459	3476	rVB	97160	163856	3.86%	1.010%
21	13.010	3492	3505	3533	rBV	408218	692528	16.32%	4.268%
22	13.315	3588	3600	3605	rBV	264835	456859	10.77%	2.816%
23	13.424	3626	3634	3645	rBV	40764	68878	1.62%	0.424%
24	13.515	3646	3662	3669	rBV	173700	300782	7.09%	1.854%
25	13.553	3670	3674	3693	rVB3	62793	113179	2.67%	0.698%
26	13.643	3693	3702	3711	rBV3	28088	44136	1.04%	0.272%
27	13.707	3712	3722	3733	rBV2	26833	45331	1.07%	0.279%
28	13.772	3733	3742	3747	rBV	47173	77461	1.83%	0.477%
29	13.859	3761	3769	3779	rVB	69593	104000	2.45%	0.641%
30	13.965	3793	3802	3813	rVB	70073	113643	2.68%	0.700%
31	14.096	3835	3843	3851	rBV	36578	57880	1.36%	0.357%
32	14.180	3861	3869	3874	rBV	47130	70911	1.67%	0.437%
33	14.219	3874	3881	3890	rVB	87564	131706	3.10%	0.812%
34	14.444	3943	3951	3960	rBV2	86319	143662	3.39%	0.885%
35	14.495	3961	3967	3975	rVB3	41175	58246	1.37%	0.359%
36	14.563	3975	3988	3999	rBV3	206783	418758	9.87%	2.581%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
Data File : VN066087.D
Acq On : 1 Mar 2021 19:28
Operator : JC/MD
Sample : M1488-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30779

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\82N021721W.M
Title : SW846 8260

37	14.711	4024	4034	4045	rBV	151652	249124	5.87%	1.535%
38	14.817	4061	4067	4074	rBV6	28249	42952	1.01%	0.265%
39	15.100	4144	4155	4165	rVV	147723	260344	6.14%	1.605%
40	15.154	4166	4172	4180	rVB	30645	45476	1.07%	0.280%
41	15.296	4210	4216	4231	rVB2	33109	54859	1.29%	0.338%
42	15.383	4236	4243	4254	rVB3	31963	58669	1.38%	0.362%
43	15.576	4296	4303	4319	rVB2	93021	173107	4.08%	1.067%
44	15.871	4385	4395	4410	rVB3	67071	130655	3.08%	0.805%
45	16.116	4463	4471	4483	rVB2	57314	108158	2.55%	0.667%
46	16.302	4521	4529	4541	rVB	38627	79060	1.86%	0.487%

Sum of corrected areas: 16225720

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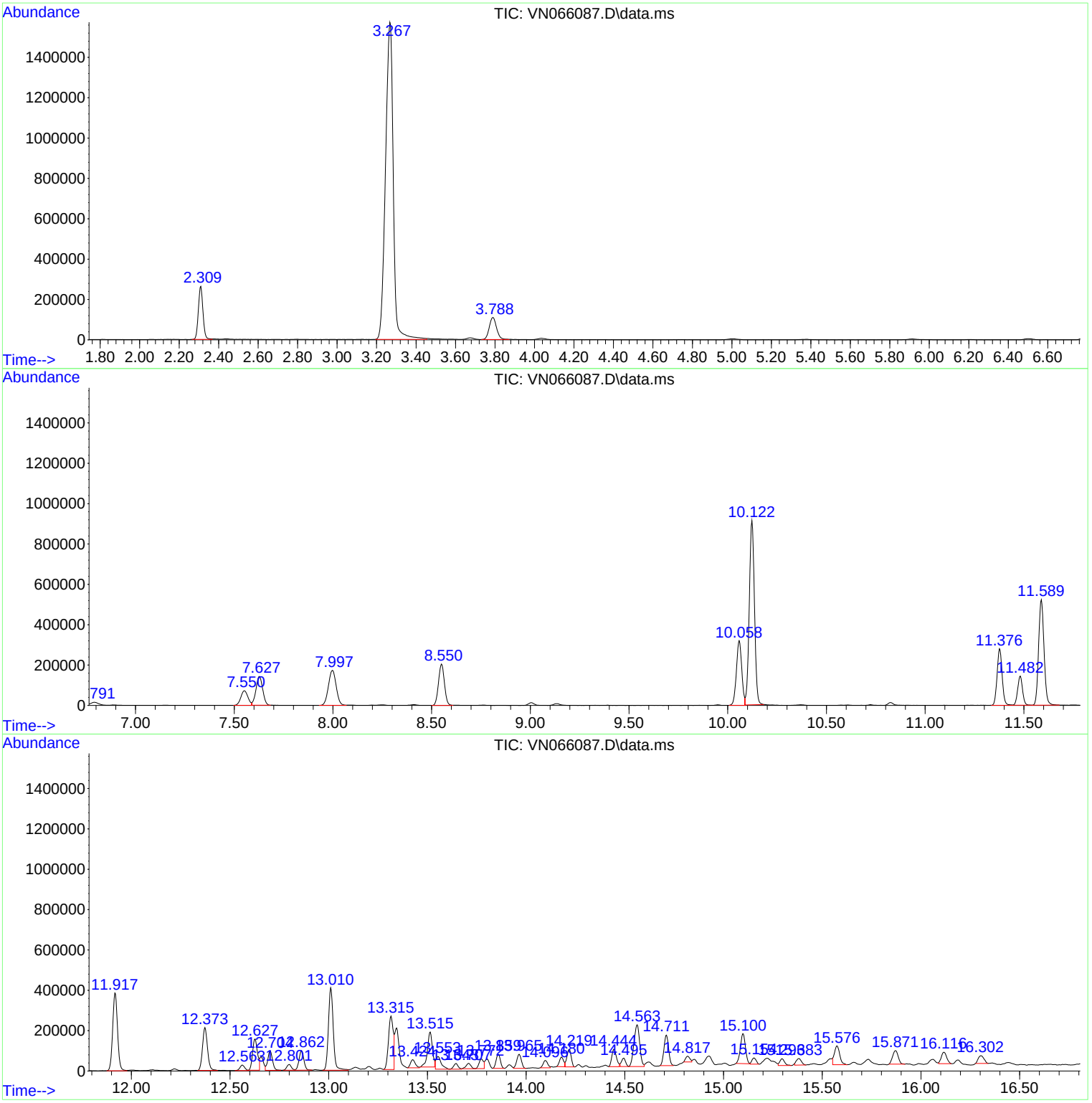
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30779

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
Data File : VN066087.D
Acq On : 1 Mar 2021 19:28
Operator : JC/MD
Sample : M1488-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30779

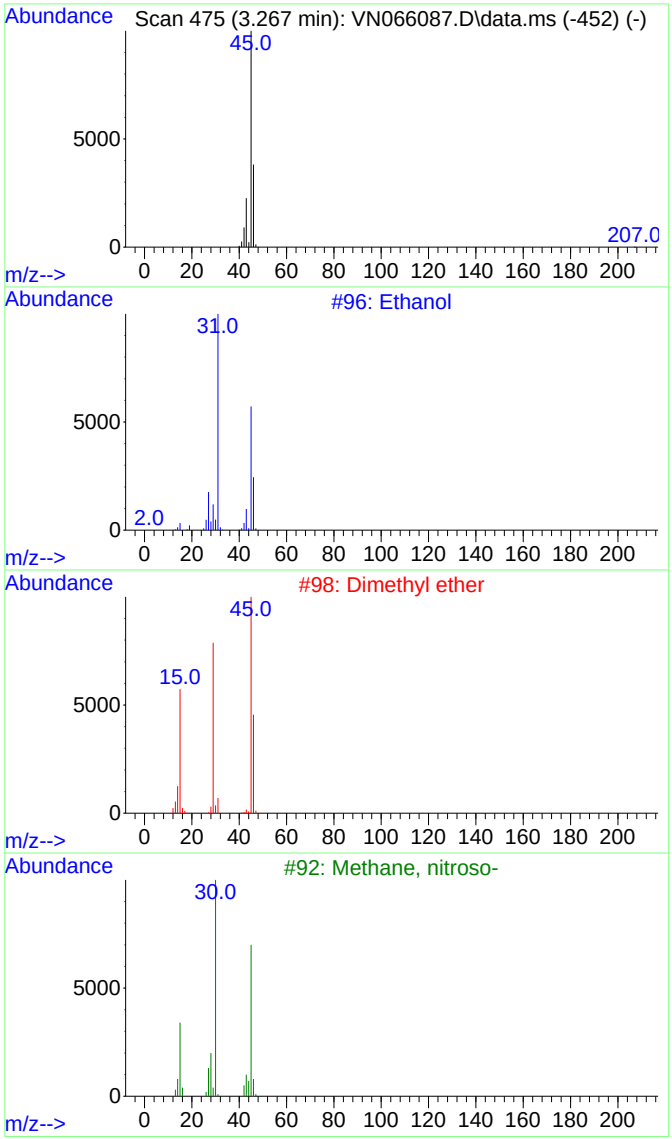
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260

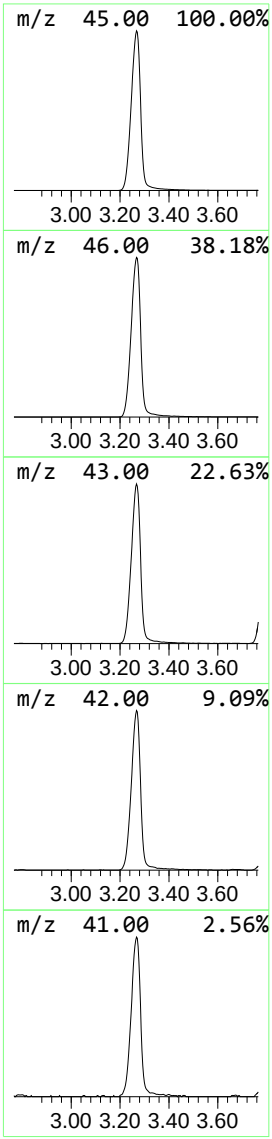
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.267	632.61 ug/l	4243090	Pentafluorobenzene	7.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	83
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	L-Lactic acid	90	C3H6O3	000079-33-4	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
Data File : VN066087.D
Acq On : 1 Mar 2021 19:28
Operator : JC/MD
Sample : M1488-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30779

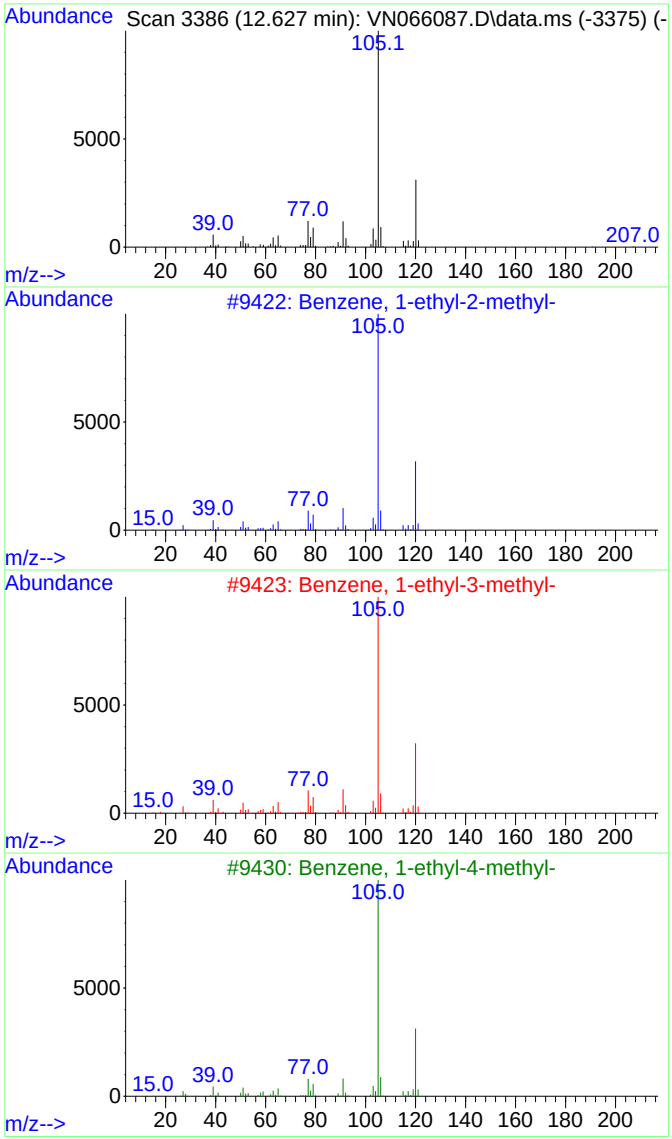
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260

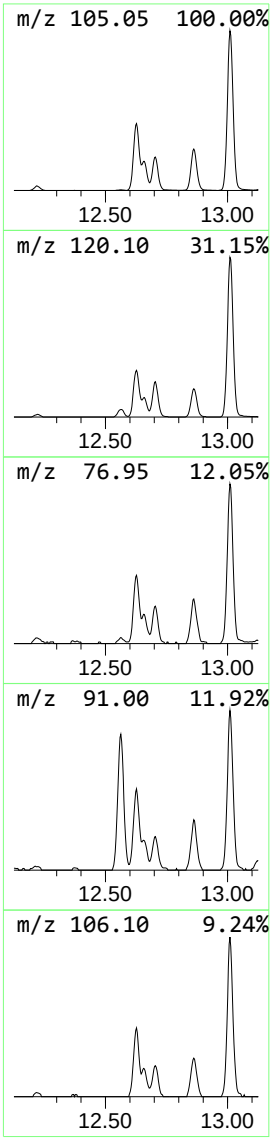
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	29.72 ug/l	271517	1,4-Dichlorobenzene-d4	13.315

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
Data File : VN066087.D
Acq On : 1 Mar 2021 19:28
Operator : JC/MD
Sample : M1488-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30779

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260

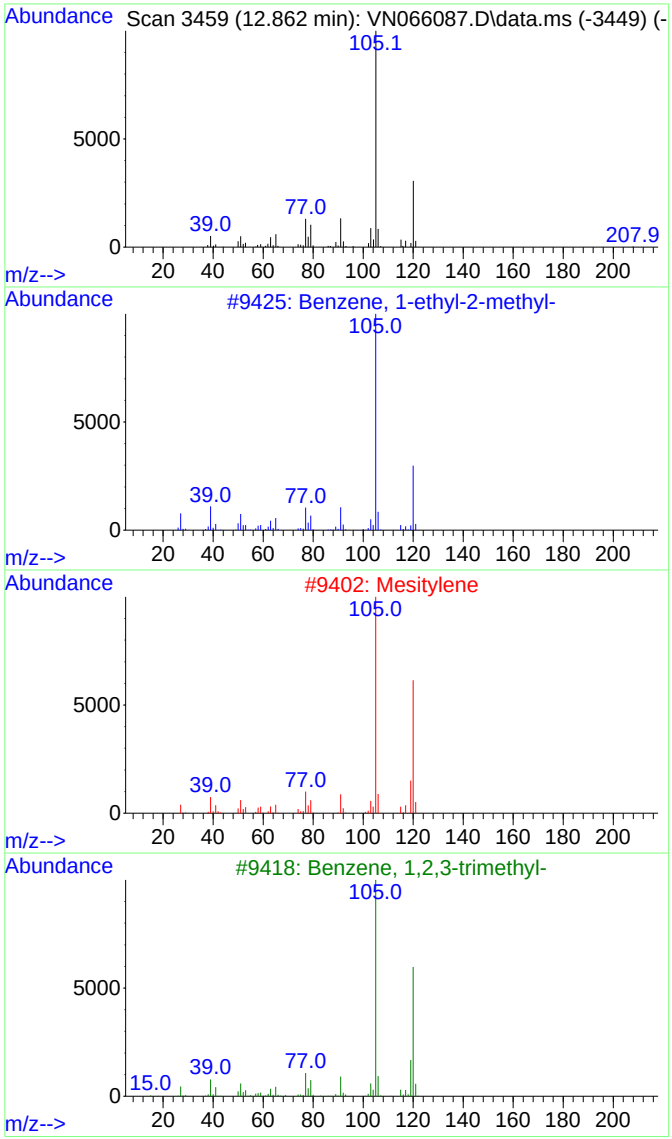
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

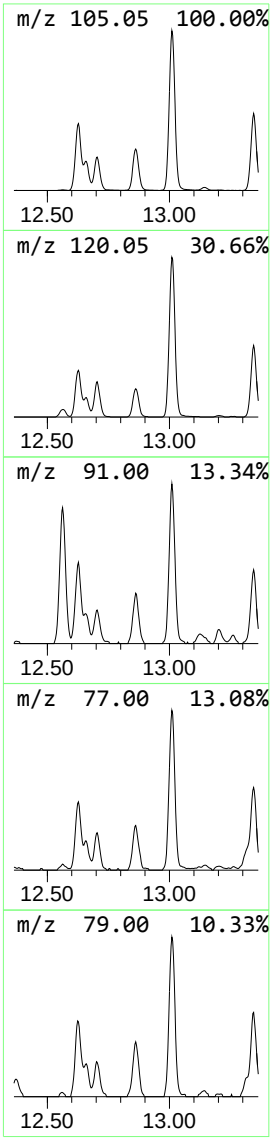
****

Peak Number 4 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.862	17.93 ug/l	163856	1,4-Dichlorobenzene-d4	13.315

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
Data File : VN066087.D
Acq On : 1 Mar 2021 19:28
Operator : JC/MD
Sample : M1488-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30779

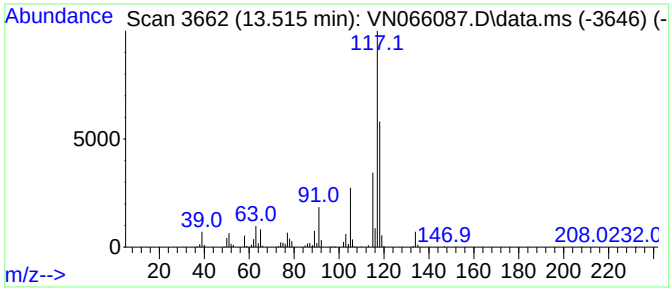
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260

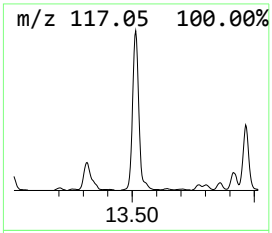
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

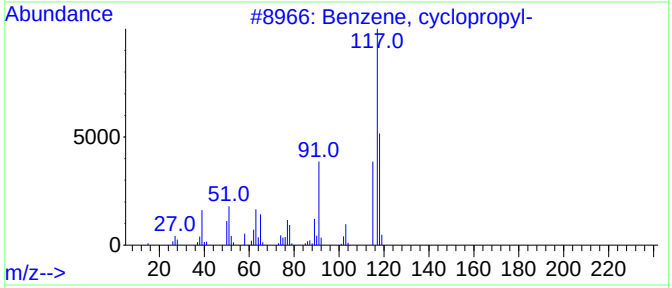
****
Peak Number 5 Benzene, cyclopropyl- Concentration Rank 4

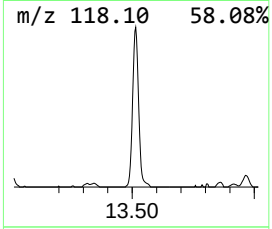
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.515	32.92 ug/l	300782	1,4-Dichlorobenzene-d4	13.315

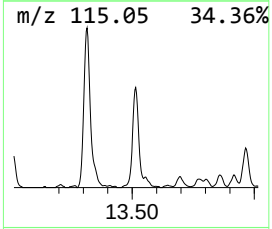
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	92
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	83
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Indane	118	C9H10	000496-11-7	76

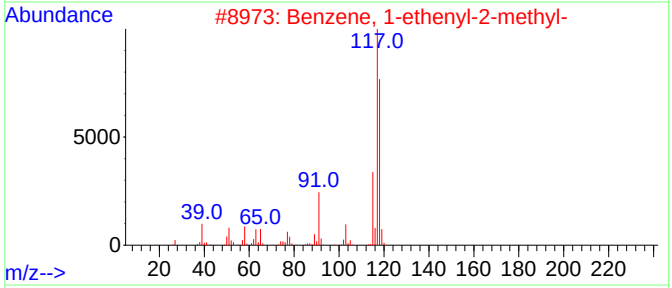


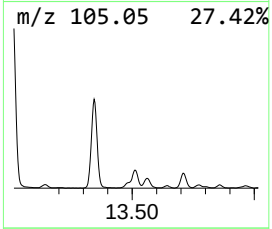


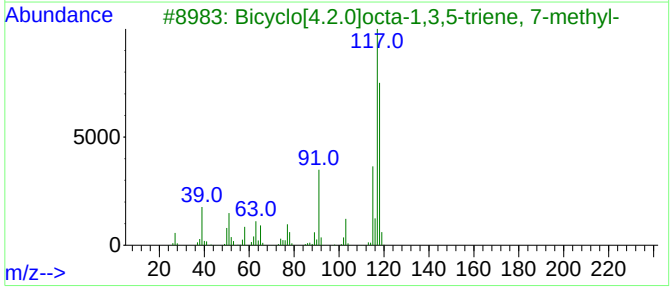


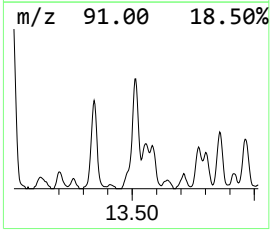












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Data File : VN066087.D
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30779

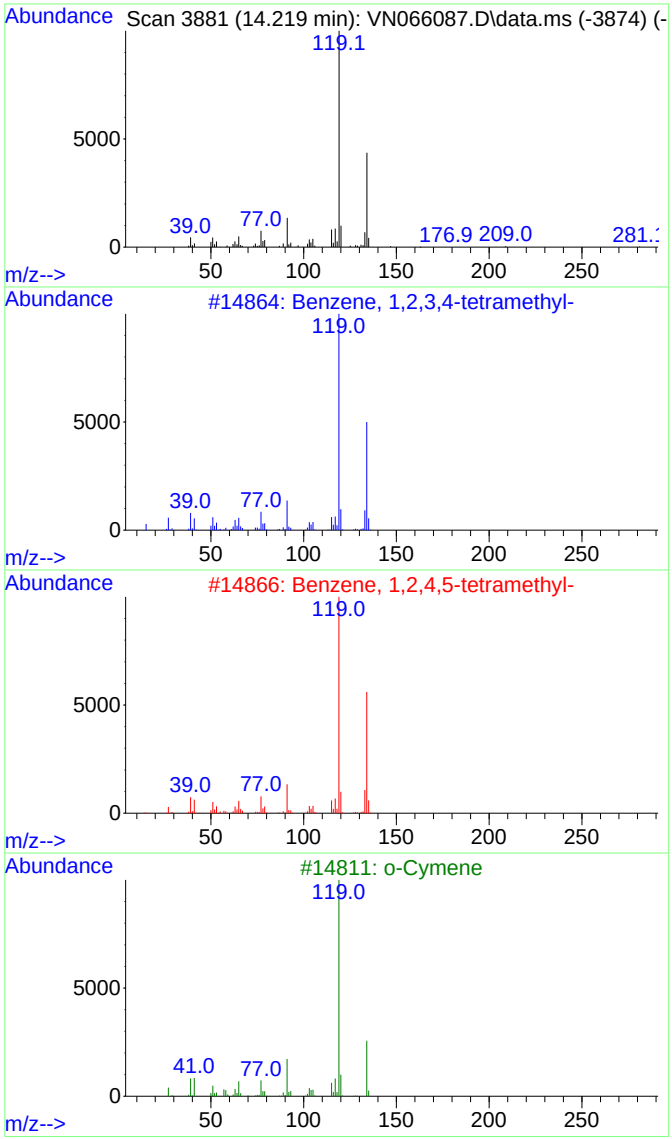
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260

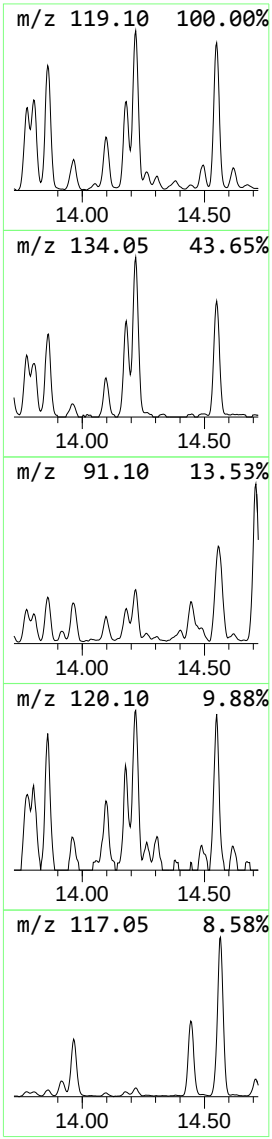
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.219	14.41 ug/l	131706	1,4-Dichlorobenzene-d4	13.315

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	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30779

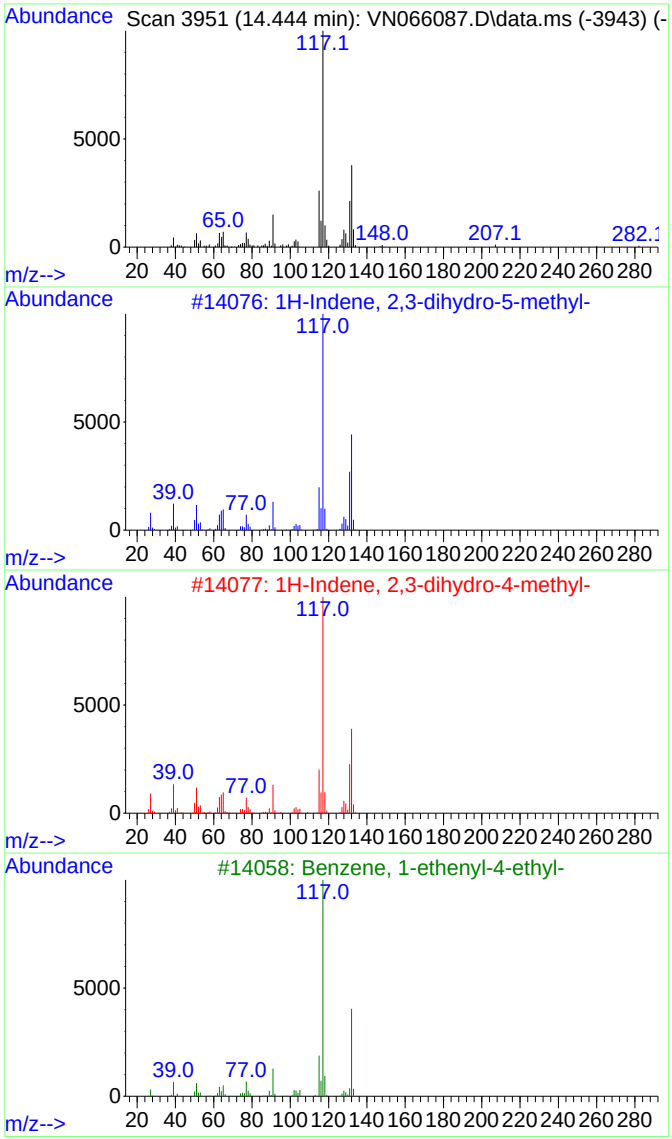
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260

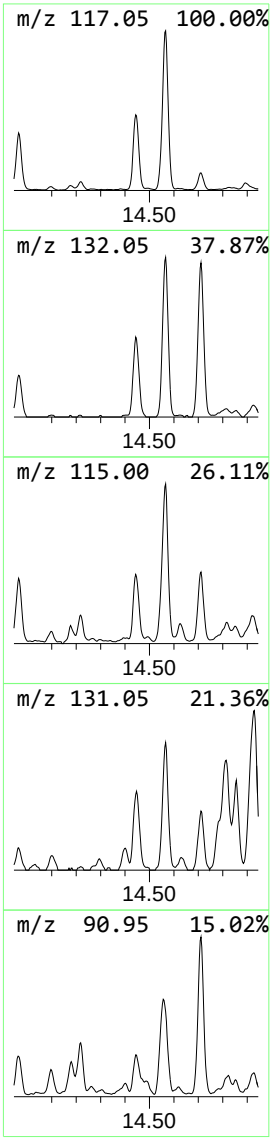
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.444	15.72 ug/l	143662	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	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30779

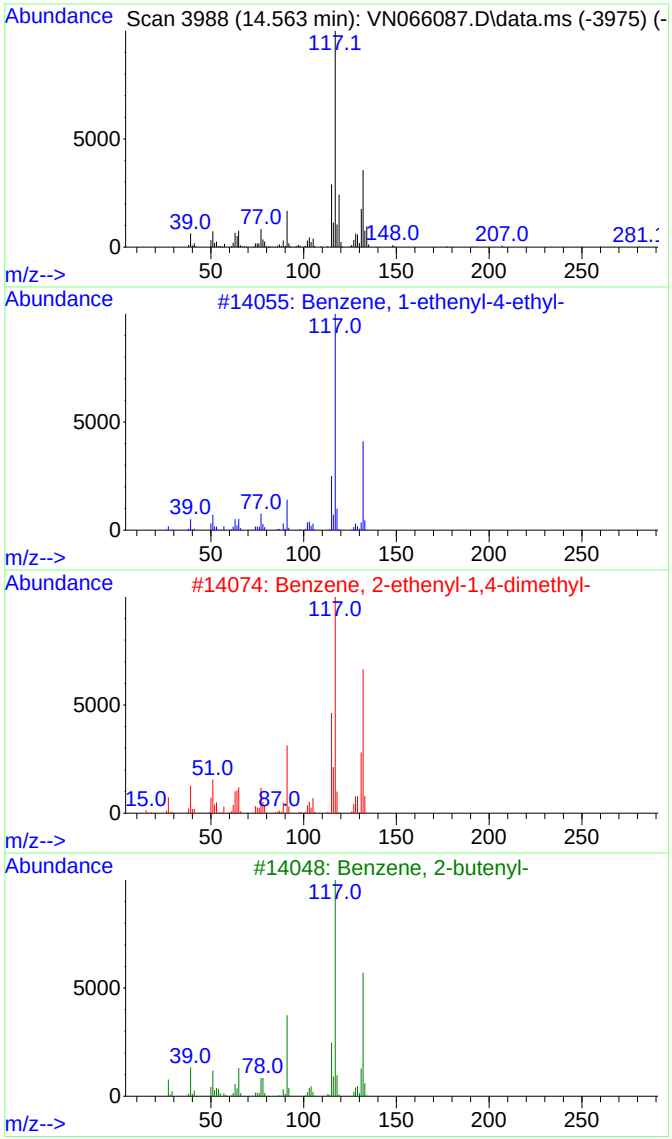
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260

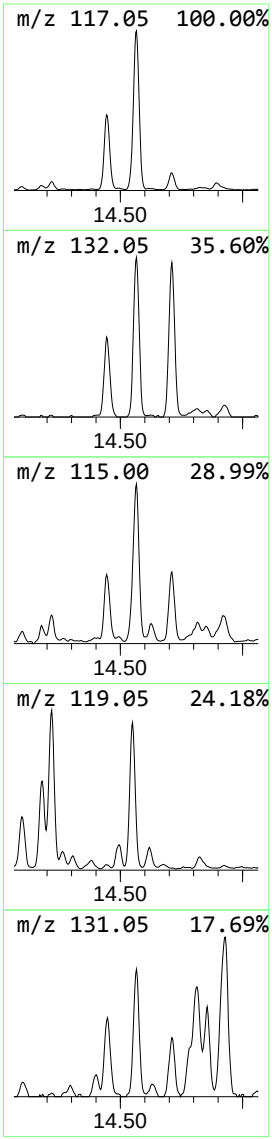
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	45.83 ug/l	418758	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81





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Data File : VN066087.D
Acq On : 1 Mar 2021 19:28
Operator : JC/MD
Sample : M1488-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30779

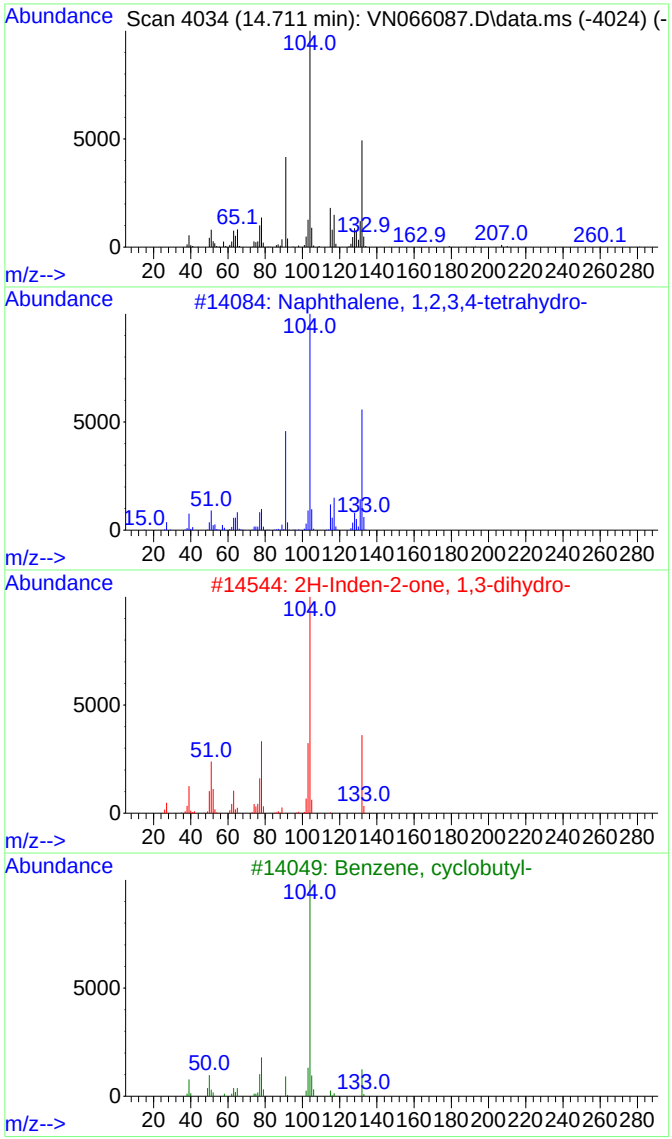
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260

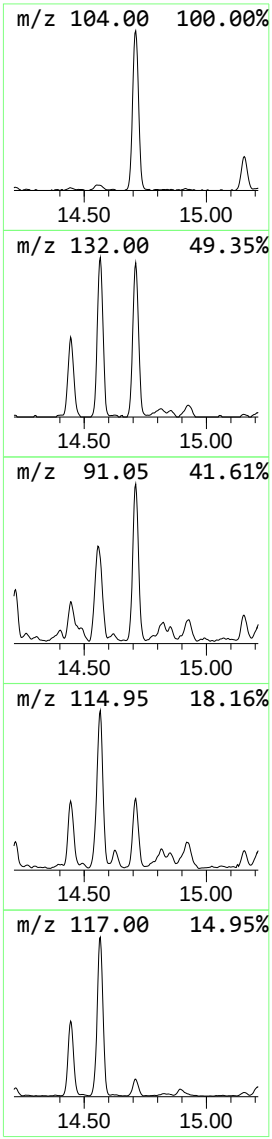
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.711	27.26 ug/l	249124	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	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	70
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	59
4	Indan, epoxide	132	C9H8O	000768-22-9	58
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
Data File : VN066087.D
Acq On : 1 Mar 2021 19:28
Operator : JC/MD
Sample : M1488-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30779

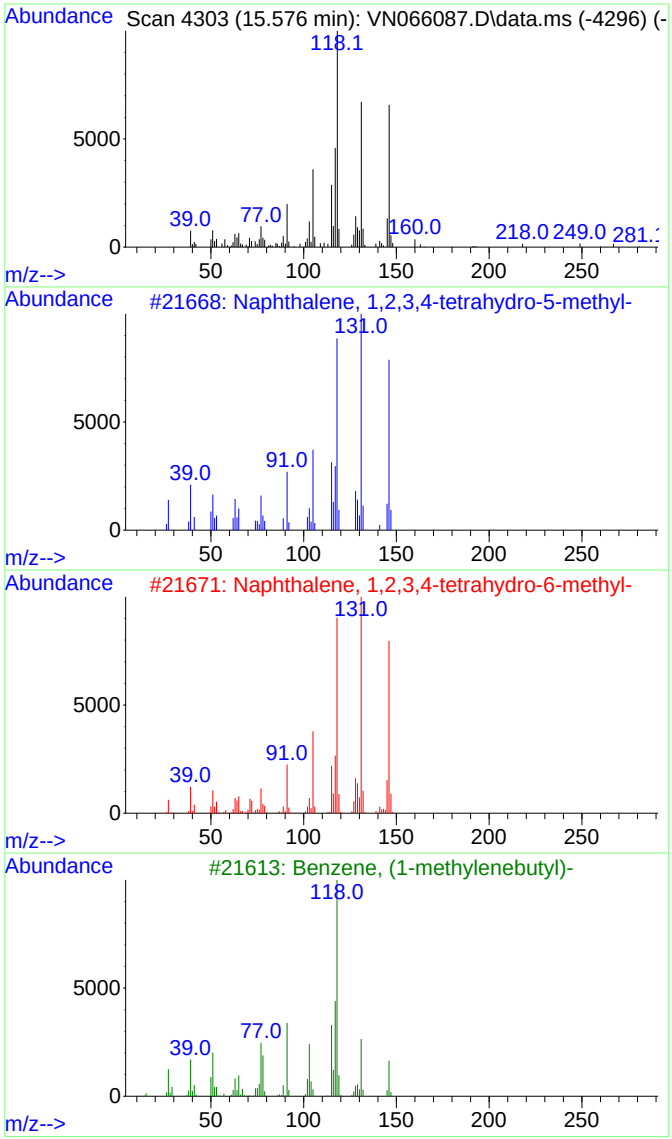
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260

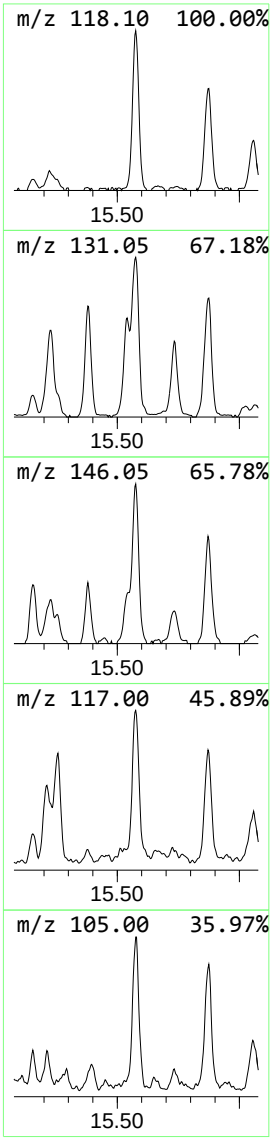
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.576	18.95 ug/l	173107	1,4-Dichlorobenzene-d4	13.315

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	92
3	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	90
4	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	52
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
Data File : VN066087.D
Acq On : 1 Mar 2021 19:28
Operator : JC/MD
Sample : M1488-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30779

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.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	3.267	632.6	ug/l	4243090	1	7.627	335365	50.0
Benzene, 1-ethy...	12.627	29.7	ug/l	271517	4	13.315	456859	50.0
Mesitylene	12.862	17.9	ug/l	163856	4	13.315	456859	50.0
Benzene, cyclop...	13.515	32.9	ug/l	300782	4	13.315	456859	50.0
Benzene, 1,2,3,...	14.219	14.4	ug/l	131706	4	13.315	456859	50.0
1H-Indene, 2,3-...	14.444	15.7	ug/l	143662	4	13.315	456859	50.0
Benzene, 1-ethe...	14.563	45.8	ug/l	418758	4	13.315	456859	50.0
Naphthalene, 1,...	14.711	27.3	ug/l	249124	4	13.315	456859	50.0
Naphthalene, 1,...	15.576	18.9	ug/l	173107	4	13.315	456859	50.0