LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41054DL

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: VN065630.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.296	162	173	188	rBV	27569	46649	2.00%	0.203%
2	3.254	456	471	490	rBV	59401	151617	6.50%	0.659%
3	3.782	624	635	651	rVB	15743	37489	1.61%	0.163%
4	7.550	1789	1807	1818	rBV2	130664	332187	14.23%	1.445%
5	7.624	1818	1830	1849	rVB	264792	624268	26.75%	2.715%
6	7.991	1927	1944	1971	rBV3	231269	593596	25.43%	2.582%
7	8.547	2101	2117	2136	rBV	404192	844264	36.17%	3.672%
8	10.058	2572	2587	2596	rBV	643764	1167912	50.04%	5.080%
9	10.122	2596	2607	2633	rVB	1221250	2259592	96.82%	9.827%
10	11.376	2981	2997	3016	rBV	541433	963726	41.29%	4.191%
11	11.482	3017	3030	3047	rVV	344264	590696	25.31%	2.569%
12	11.588	3048	3063	3095	rVB	1234634	2333905	100.00%	10.151%
13	11.916	3150	3165	3186	rBV	803055	1369585	58.68%	5.957%
14	12.219	3248	3259	3270	rBV	39986	65621	2.81%	0.285%
15	12.373	3293	3307	3328	rBV	405713	703109	30.13%	3.058%
16	12.563	3352	3366	3375	rBV	126894	205505	8.81%	0.894%
17	12.627	3375	3386	3392	rBV	586698	967842	41.47%	4.209%
18	12.704	3402	3410	3433	rVB	294920	473348	20.28%	2.059%
19	12.862	3445	3459	3474	rBV	280103	455312	19.51%	1.980%
20	13.010	3492	3505	3528	rBV	1197089	1903589	81.56%	8.279%
21	13.141	3532	3546	3555	rBV4	15231	33263	1.43%	0.145%
22	13.203	3555	3565	3575	rBV	33919	52518	2.25%	0.228%
23	13.315	3588	3600	3604	rBV	488047	798945	34.23%	3.475%
24	13.514	3642	3662	3669	rBV	384713	736562	31.56%	3.203%
25	13.553	3669	3674	3694	rVV2	195101	358716	15.37%	1.560%
26	13.643	3694	3702	3710	rVB2	16894	25775	1.10%	0.112%
27	13.707	3711	3722	3732	rBV	60862	96518	4.14%	0.420%
28	13.772	3732	3742	3747	rBV	135374	218900	9.38%	0.952%
29	13.801	3748	3751	3760	rVV	121040	153700	6.59%	0.668%
30	13.858	3760	3769	3779	rVV	207016	312504	13.39%	1.359%
31	13.916	3779	3787	3793	rVV	44159	68280	2.93%	0.297%
32	13.965	3793	3802	3813	rVB2	162149	264110	11.32%	1.149%
33	14.096	3833	3843	3854	rVB	72503	113613	4.87%	0.494%
34	14.177	3854	3868	3874	rBV	137821	218881	9.38%	0.952%
35	14.219	3874	3881	3890	rVV	208630	326374	13.98%	1.419%
36	14.264	3890	3895	3902	rVV	34275	51520	2.21%	0.224%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41054DL

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	14.302	3902	3907	3920	rVB3	17039	28008	1.20%	0.122%
38	14.402	3922	3938	3943	rBV5	23877	45867	1.97%	0.199%
39	14.444	3943	3951	3961	rVV	195317	329827	14.13%	1.434%
40	14.492	3962	3966	3974	rVV3	30950	42996	1.84%	0.187%
41	14.563	3974	3988	4000	rVV3	368887	731980	31.36%	3.184%
42	14.621	4000	4006	4016	rVB6	24145	41220	1.77%	0.179%
43	14.711	4023	4034	4048	rBV	165445	276937	11.87%	1.204%
44	14.820	4048	4068	4074	rBV5	68447	168592	7.22%	0.733%
45	14.926	4088	4101	4113	rVB3	75225	162985	6.98%	0.709%
46	15.100	4135	4155	4165	rBV	191934	354238	15.18%	1.541%
47	15.154	4166	4172	4180	rVB	31609	46113	1.98%	0.201%
48	15.215	4180	4191	4199	rBV6	31077	75782	3.25%	0.330%
49	15.379	4232	4242	4254	rBV	45368	80587	3.45%	0.350%
50	15.540	4277	4292	4294	rBV4	33827	55773	2.39%	0.243%
51	15.575	4296	4303	4319	rVV2	88202	162507	6.96%	0.707%
52	15.659	4320	4329	4338	rVV2	13911	23456	1.01%	0.102%
53	15.730	4340	4351	4365	rVB2	24052	49766	2.13%	0.216%
54	15.871	4381	4395	4414	rBV3	56372	117024	5.01%	0.509%
55	16.058	4435	4453	4461	rBV5	22874	53984	2.31%	0.235%
56	16.119	4461	4472	4497	rVB2	59374	134571	5.77%	0.585%
57	16.309	4517	4531	4542	rBV2	39243	90349	3.87%	0.393%

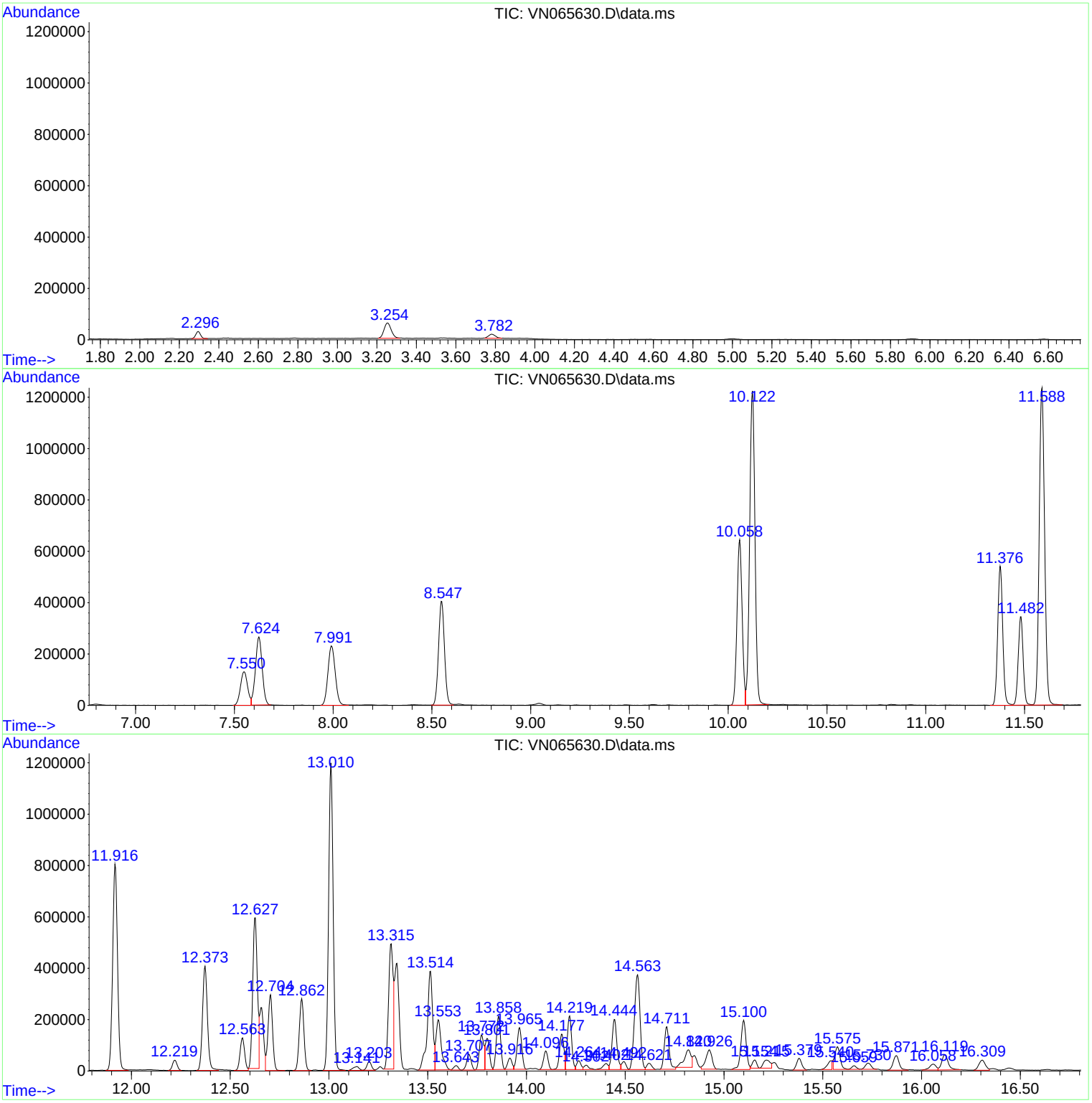
Sum of corrected areas: 22992553

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41054DL

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\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41054DL

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

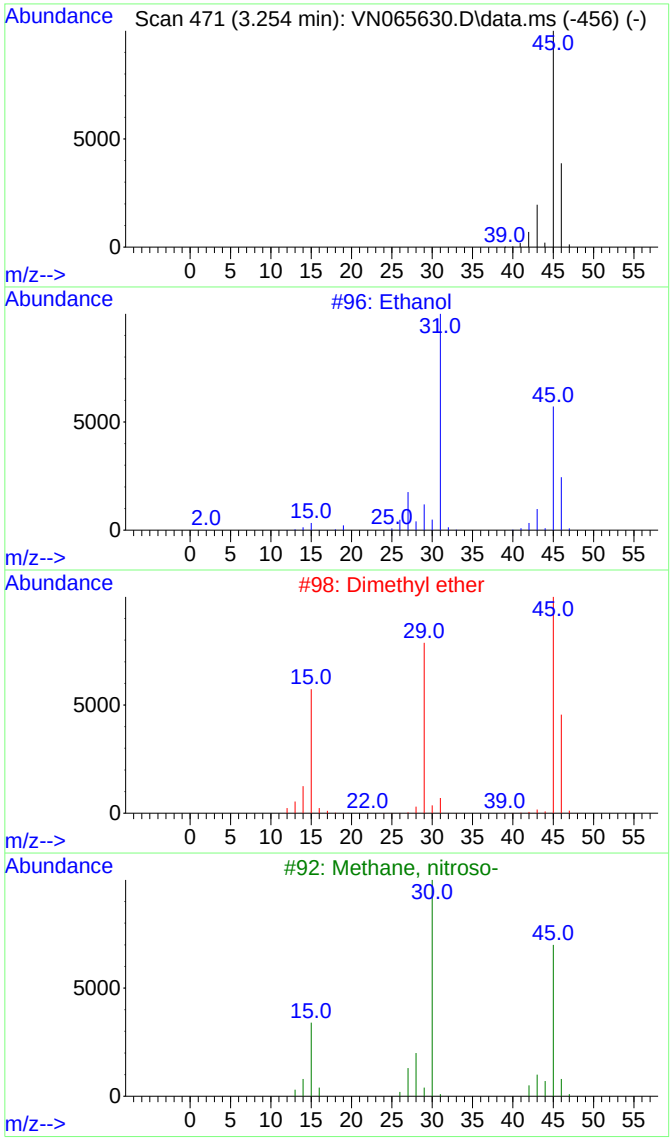
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

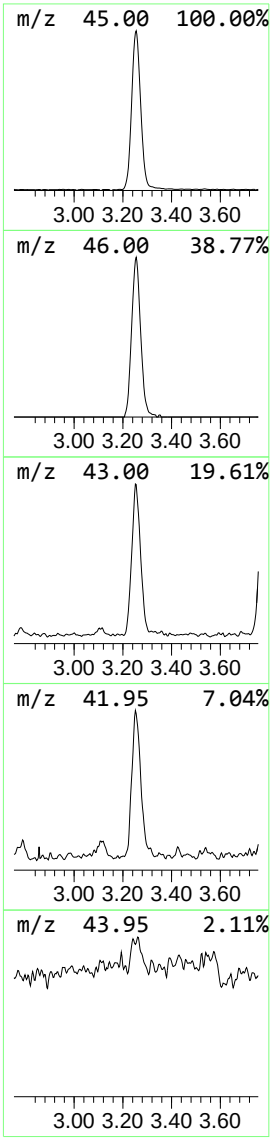
****

Peak Number 1 Ethanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.254	12.14 ug/l	151617	Pentafluorobenzene	7.624

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	Formamide	45	CH3NO	000075-12-7	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41054DL

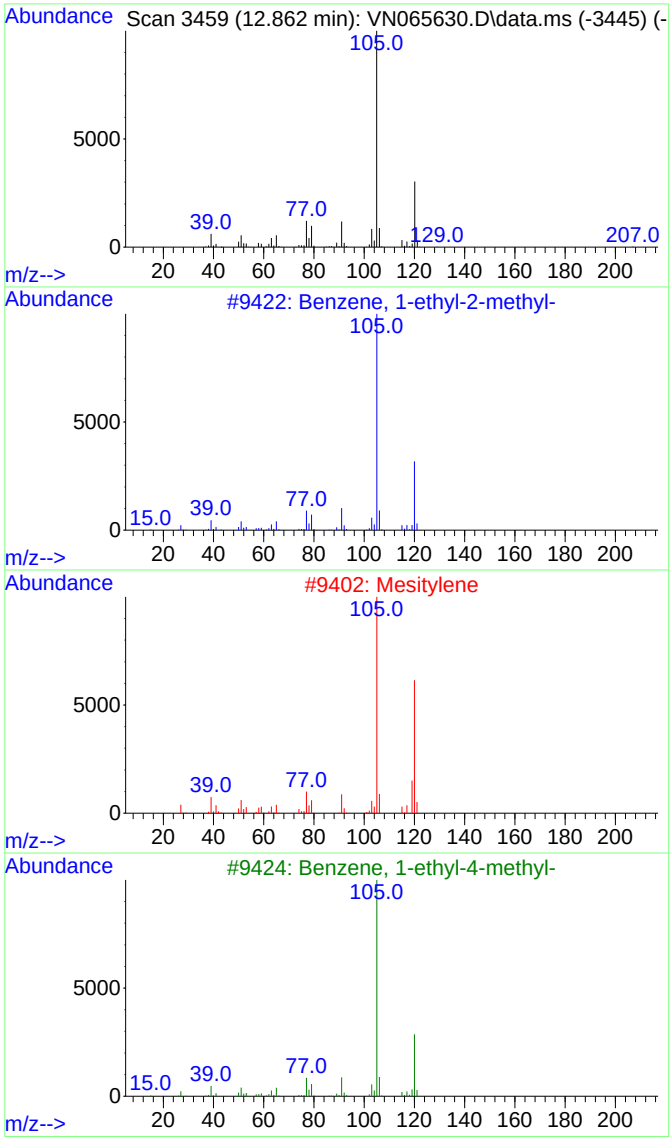
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

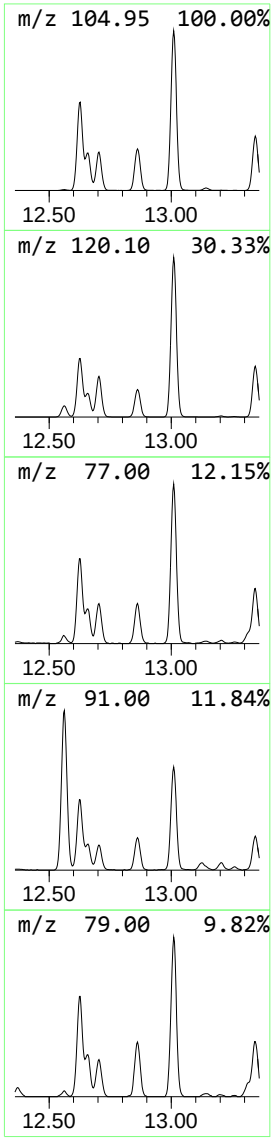
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.862	28.49 ug/l	455312	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	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41054DL

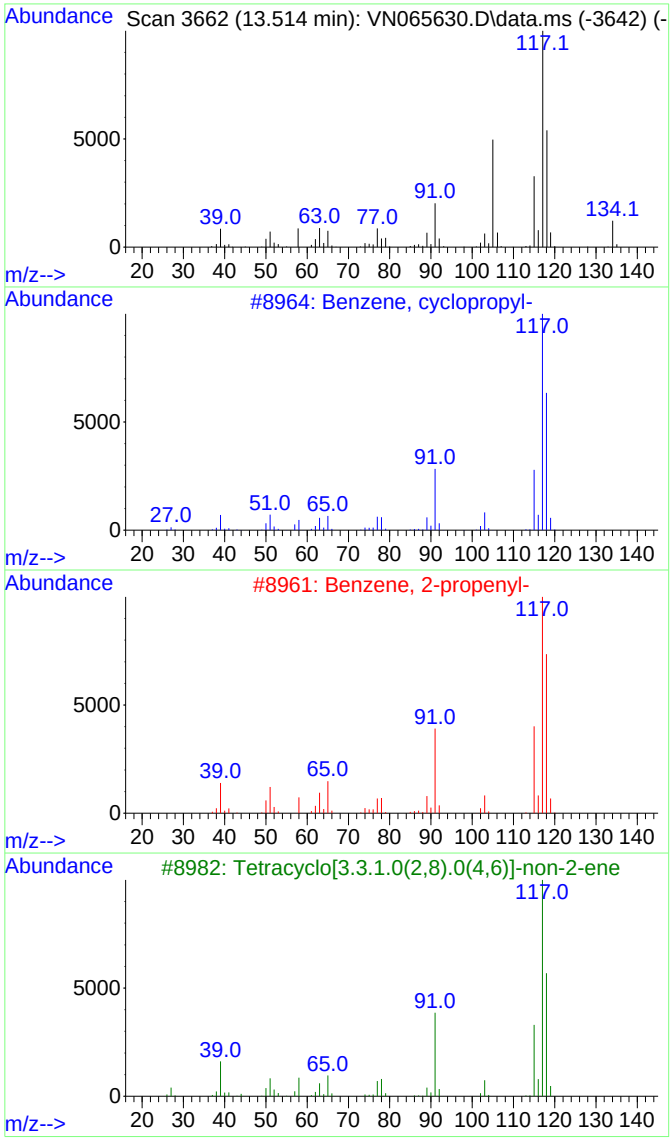
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

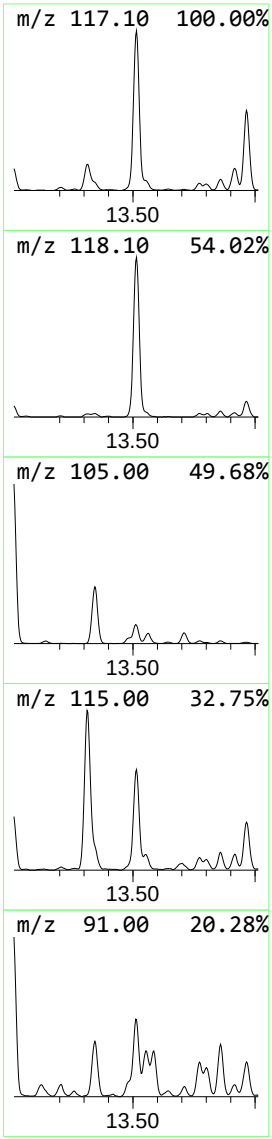
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, cyclopropyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.514	46.10 ug/l	736562	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	76
4	Indane	118	C9H10	000496-11-7	70
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41054DL

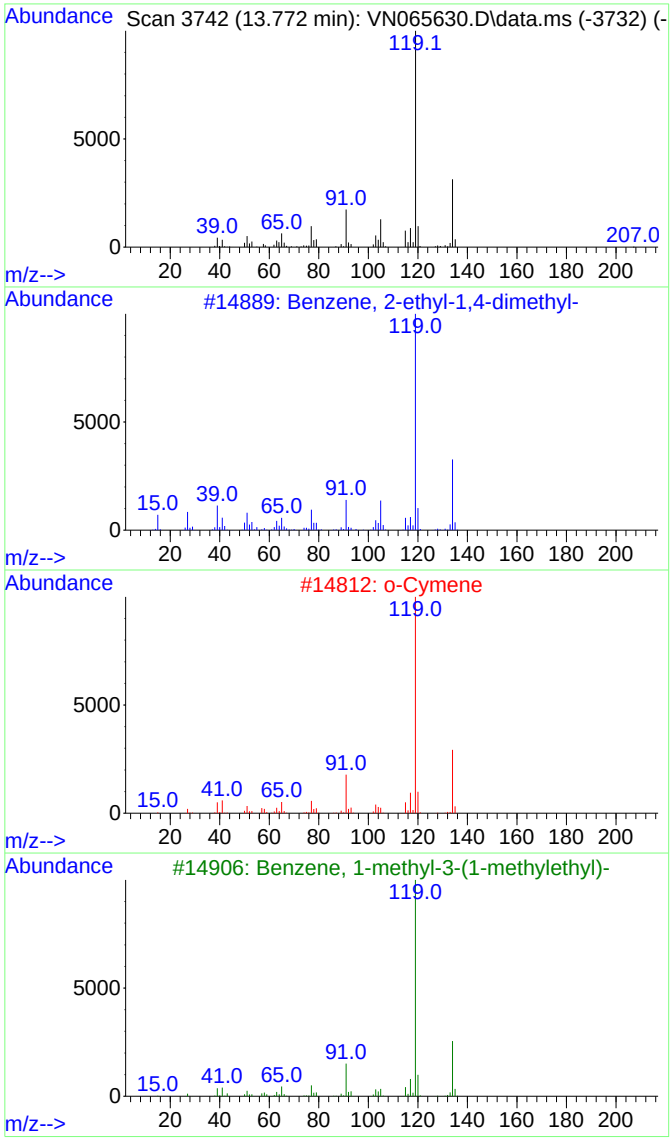
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

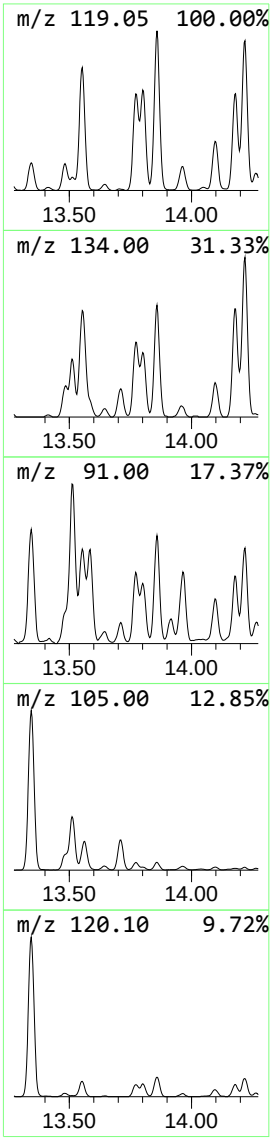
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.772	13.70 ug/l	218900	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41054DL

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

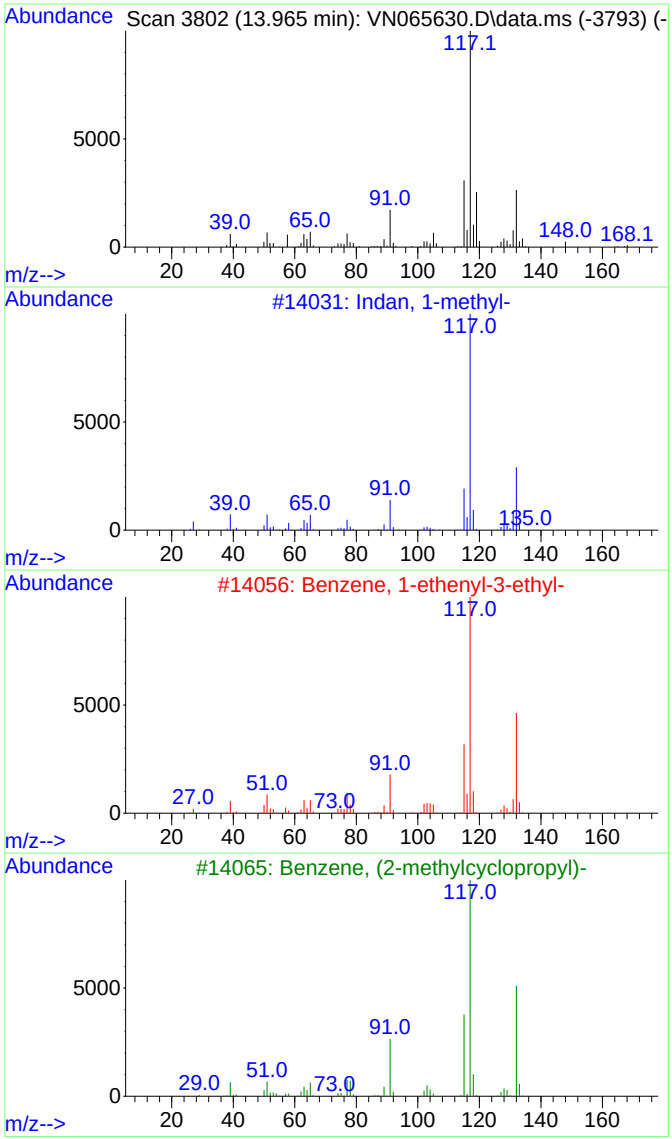
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

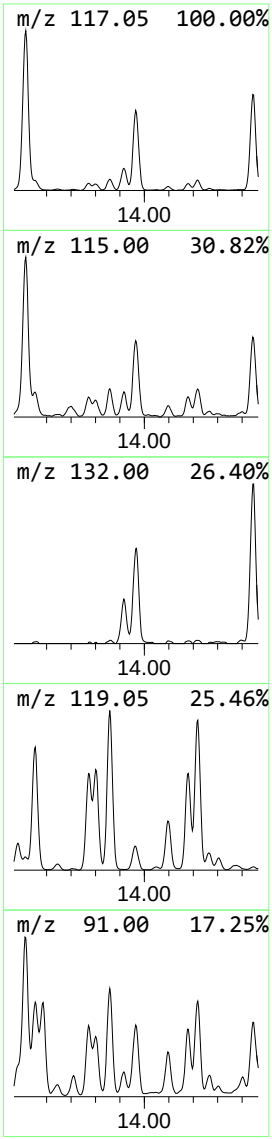
****

Peak Number 5 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	16.53 ug/l	264110	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41054DL

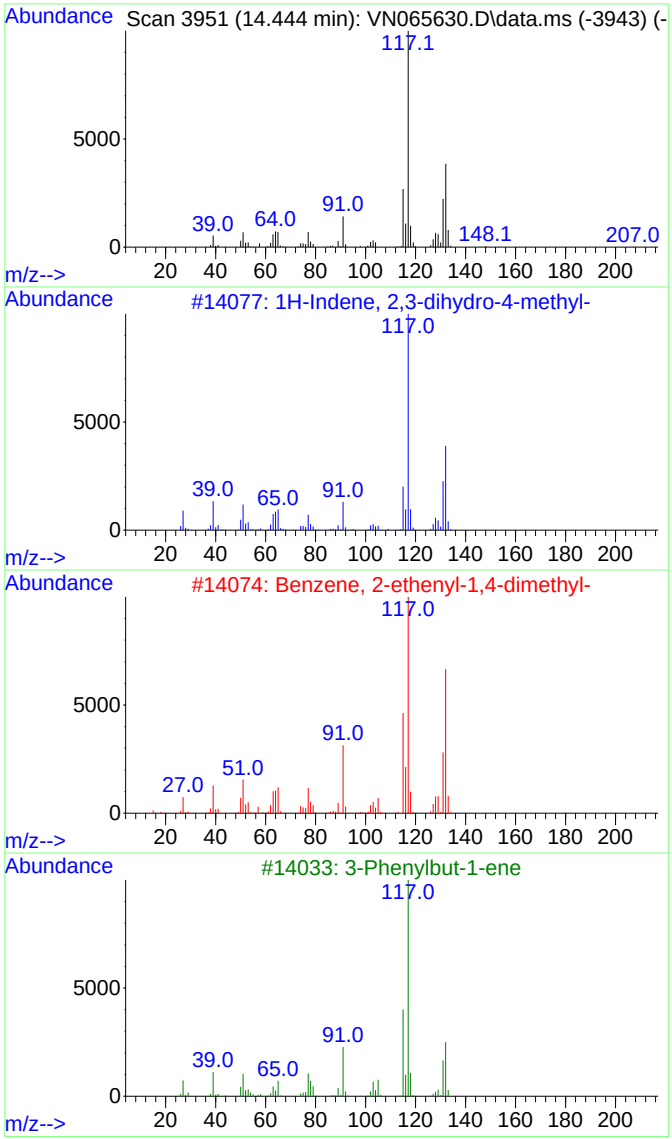
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

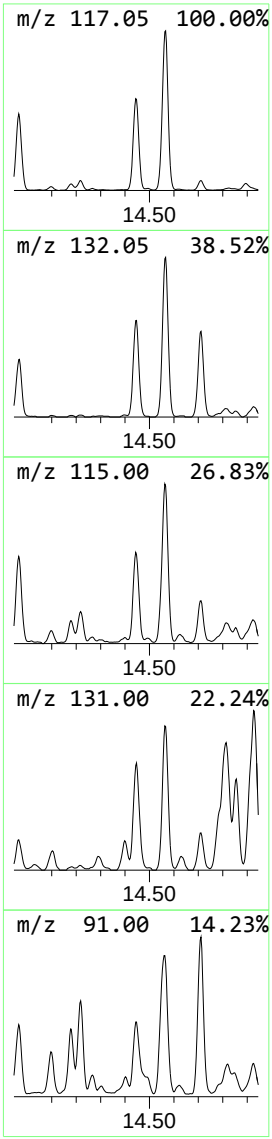
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.444	20.64 ug/l	329827	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41054DL

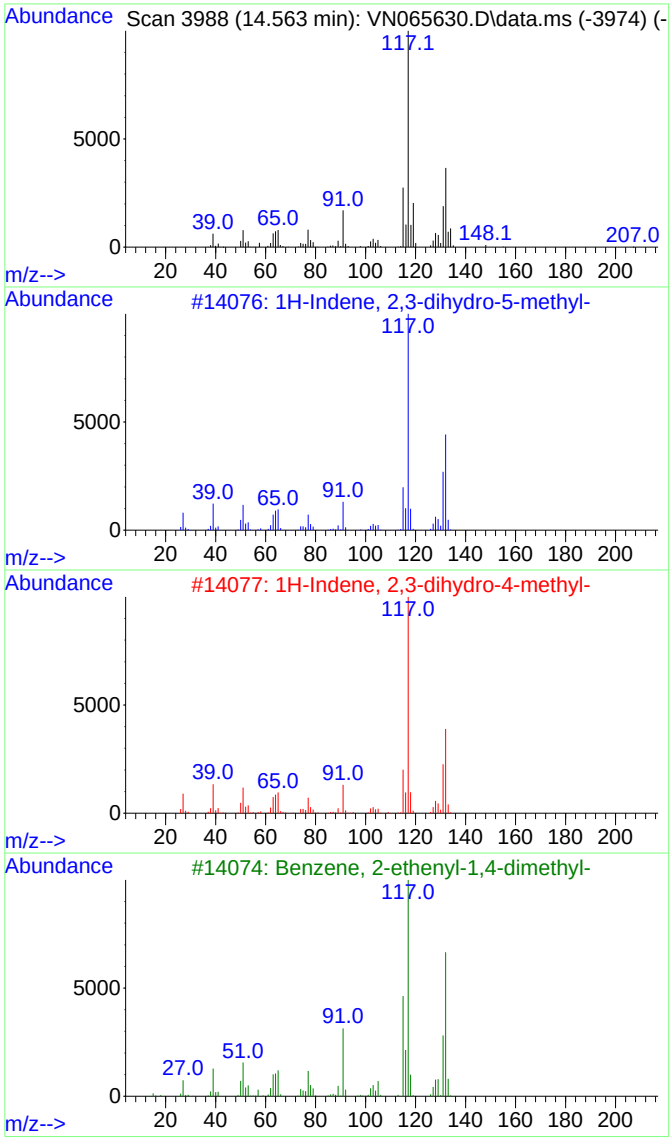
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

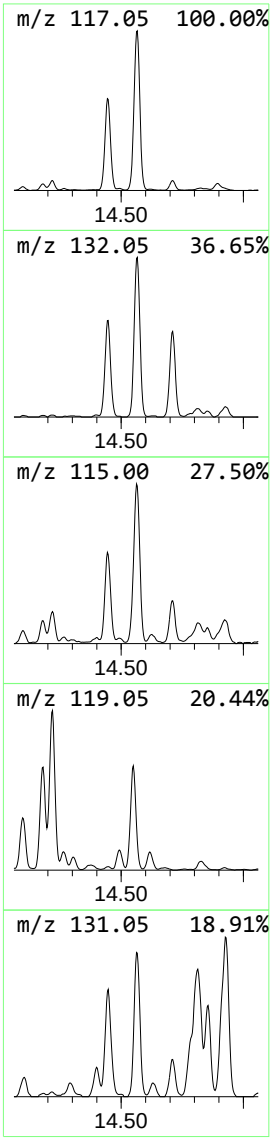
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	45.81 ug/l	731980	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	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41054DL

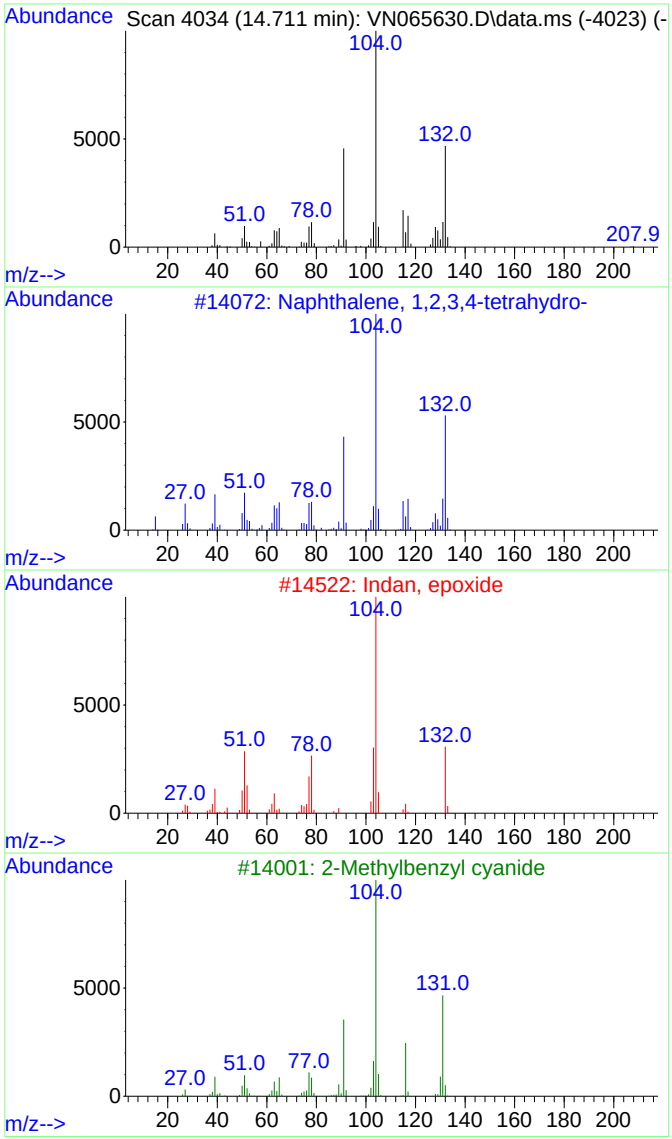
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

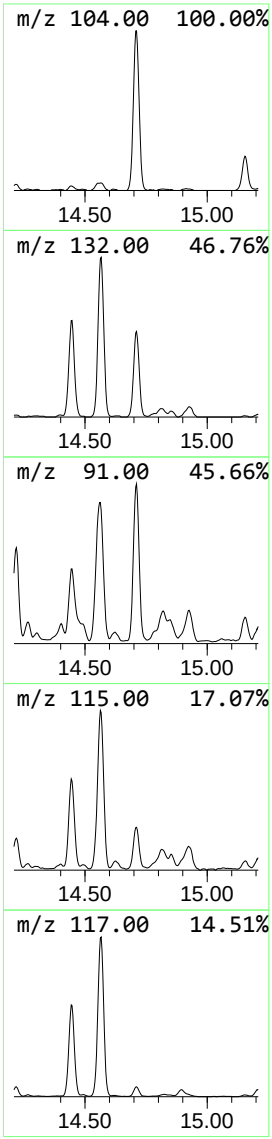
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.711	17.33 ug/l	276937	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	58
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	47
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	43
5	Phensuximide	189	C11H11NO2	000086-34-0	38





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Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41054DL

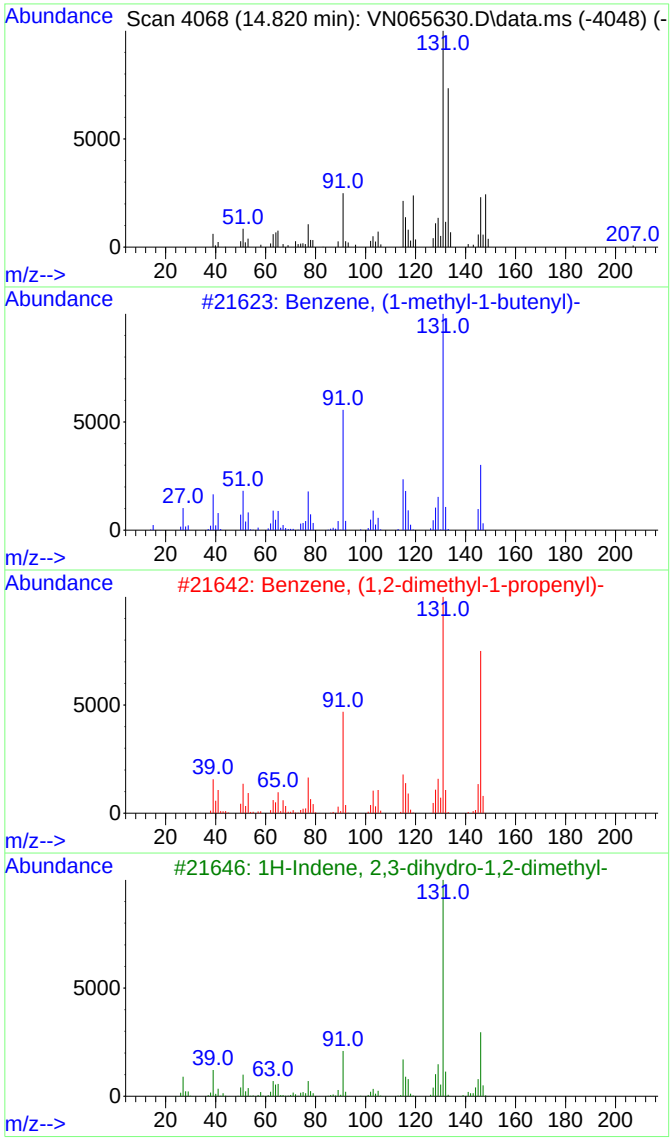
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

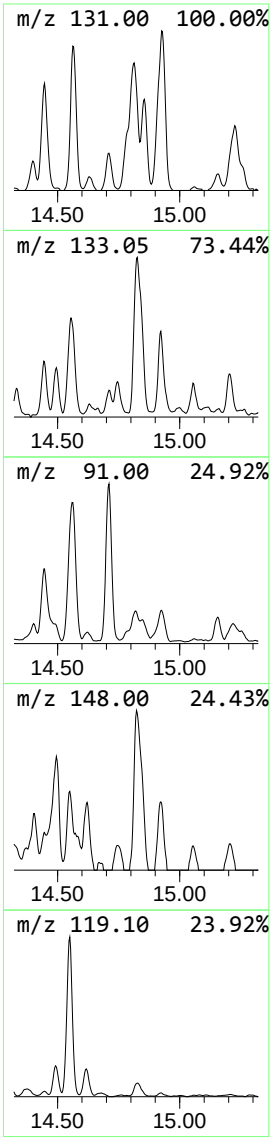
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (1-methyl-1-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.820	10.55 ug/l	168592	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	89
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41054DL

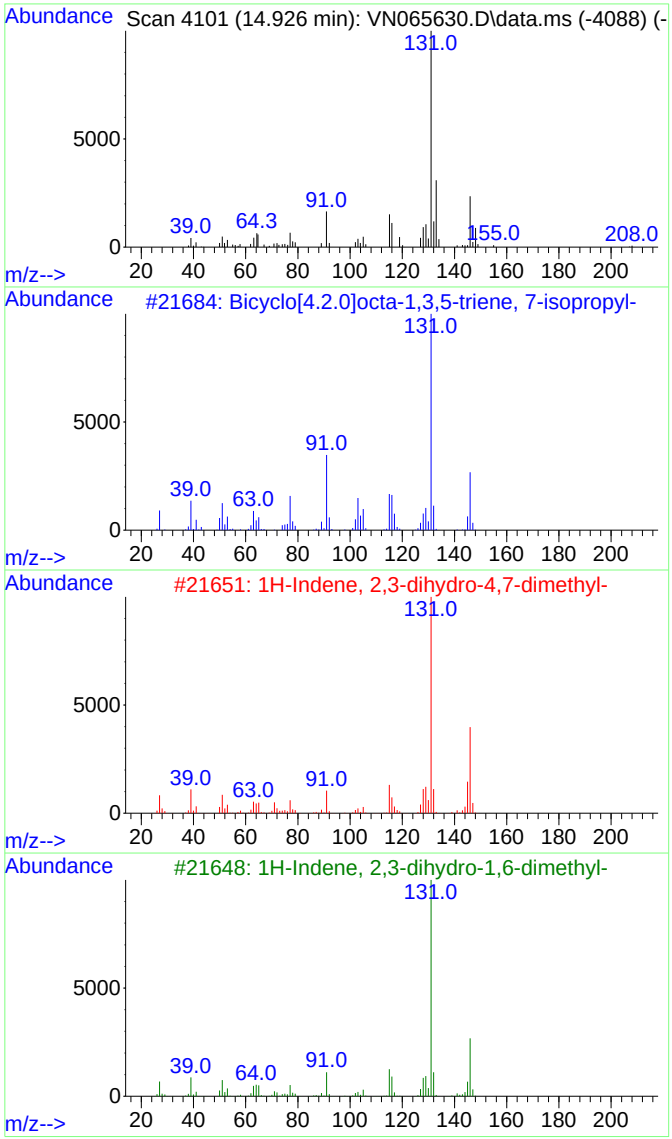
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

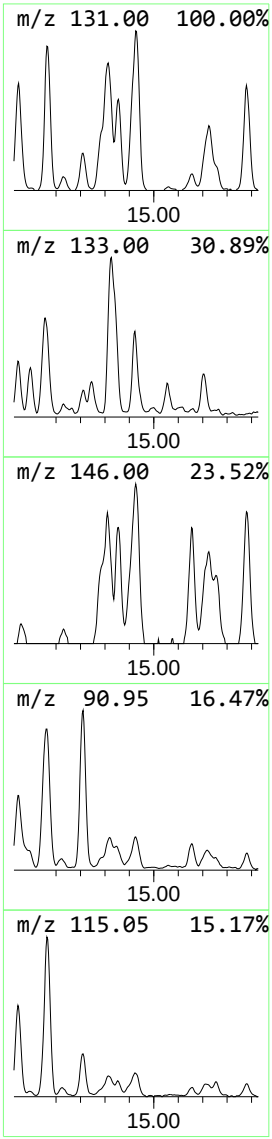
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.926	10.20 ug/l	162985	1,4-Dichlorobenzene-d4	13.315

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	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065630.D
Acq On : 27 Jan 2021 15:23
Operator : JC/MD
Sample : M1190-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41054DL

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	3.254	12.1	ug/l	151617	1	7.624	624268	50.0
Benzene, 1-ethy...	12.862	28.5	ug/l	455312	4	13.315	798945	50.0
Benzene, cyclop...	13.514	46.1	ug/l	736562	4	13.315	798945	50.0
Benzene, 2-ethy...	13.772	13.7	ug/l	218900	4	13.315	798945	50.0
Indan, 1-methyl-	13.965	16.5	ug/l	264110	4	13.315	798945	50.0
1H-Indene, 2,3-...	14.444	20.6	ug/l	329827	4	13.315	798945	50.0
1H-Indene, 2,3-...	14.563	45.8	ug/l	731980	4	13.315	798945	50.0
Naphthalene, 1,...	14.711	17.3	ug/l	276937	4	13.315	798945	50.0
Benzene, (1-met...	14.820	10.6	ug/l	168592	4	13.315	798945	50.0
Bicyclo[4.2.0]o...	14.926	10.2	ug/l	162985	4	13.315	798945	50.0