LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
Sample : M1218-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238

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\82N012521W.M
Title : SW846 8260

Signal : TIC: VN065605.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.165	118	132	145	rVB	39652	65402	1.14%	0.123%
2	2.300	163	174	188	rBV	166579	278857	4.86%	0.524%
3	2.782	313	324	341	rVB2	28978	59258	1.03%	0.111%
4	3.284	459	480	517	rBV	393752	1432768	24.98%	2.690%
5	3.785	619	636	661	rBV	141603	369427	6.44%	0.694%
6	7.550	1789	1807	1818	rBV	128061	323833	5.65%	0.608%
7	7.624	1818	1830	1849	rVB	261400	625634	10.91%	1.175%
8	7.997	1926	1946	1973	rBV3	646469	1629128	28.41%	3.059%
9	8.547	2101	2117	2139	rBV	386164	816616	14.24%	1.533%
10	10.058	2571	2587	2596	rBV	610128	1137319	19.83%	2.135%
11	10.122	2596	2607	2643	rVB	3135444	5734600	100.00%	10.767%
12	11.376	2981	2997	3017	rBV	505263	895599	15.62%	1.682%
13	11.479	3017	3029	3045	rVV	283969	480962	8.39%	0.903%
14	11.589	3047	3063	3098	rVB	1723789	3277680	57.16%	6.154%
15	11.917	3146	3165	3184	rBV	1300343	2195628	38.29%	4.122%
16	12.373	3296	3307	3319	rBV	340683	569312	9.93%	1.069%
17	12.563	3351	3366	3374	rBV	38671	67628	1.18%	0.127%
18	12.624	3374	3385	3392	rBV	770015	1276490	22.26%	2.397%
19	12.701	3402	3409	3421	rVB	464245	737809	12.87%	1.385%
20	12.862	3444	3459	3474	rBV	453313	739164	12.89%	1.388%
21	13.010	3492	3505	3517	rBV	1560994	2500837	43.61%	4.695%
22	13.138	3531	3545	3553	rBV3	30391	71149	1.24%	0.134%
23	13.206	3555	3566	3574	rBV	104992	171981	3.00%	0.323%
24	13.257	3575	3582	3588	rBV3	54534	75835	1.32%	0.142%
25	13.315	3588	3600	3602	rBV	424320	579672	10.11%	1.088%
26	13.344	3603	3609	3620	rVB	796024	1279181	22.31%	2.402%
27	13.421	3620	3633	3643	rVB2	108806	192171	3.35%	0.361%
28	13.511	3644	3661	3669	rBV	1238158	2220298	38.72%	4.169%
29	13.553	3669	3674	3691	rVB2	415174	742521	12.95%	1.394%
30	13.643	3691	3702	3710	rBV	253594	396464	6.91%	0.744%
31	13.711	3712	3723	3732	rVB	183944	305702	5.33%	0.574%
32	13.772	3733	3742	3747	rBV	284772	459254	8.01%	0.862%
33	13.801	3748	3751	3760	rVB	299877	375339	6.55%	0.705%
34	13.859	3760	3769	3778	rVB	453150	671814	11.72%	1.261%
35	13.913	3778	3786	3793	rBV2	132832	204597	3.57%	0.384%
36	13.965	3793	3802	3812	rVB	521017	833484	14.53%	1.565%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
Sample : M1218-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238

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\82N012521W.M
Title : SW846 8260

37	14.042	3813	3826	3835	rBV2	493362	887018	15.47%	1.665%
38	14.097	3835	3843	3850	rBV	169043	269391	4.70%	0.506%
39	14.180	3861	3869	3874	rBV	229173	358412	6.25%	0.673%
40	14.219	3874	3881	3889	rVB	489157	743471	12.96%	1.396%
41	14.267	3889	3896	3902	rBV2	148559	197339	3.44%	0.371%
42	14.302	3902	3907	3915	rVB4	98790	128587	2.24%	0.241%
43	14.402	3933	3938	3943	rBV3	78870	91559	1.60%	0.172%
44	14.444	3943	3951	3960	rVV	581708	914762	15.95%	1.718%
45	14.495	3960	3967	3975	rVB	441409	625811	10.91%	1.175%
46	14.563	3975	3988	3998	rBV3	1359222	2695166	47.00%	5.060%
47	14.614	3998	4004	4015	rVB2	196952	337009	5.88%	0.633%
48	14.711	4024	4034	4049	rVB	1217127	1989783	34.70%	3.736%
49	14.817	4051	4067	4074	rBV3	294897	690752	12.05%	1.297%
50	14.926	4091	4101	4112	rVB2	340960	675202	11.77%	1.268%
51	15.084	4141	4150	4164	rVV2	166741	429066	7.48%	0.806%
52	15.154	4164	4172	4180	rVV	293190	435330	7.59%	0.817%
53	15.215	4181	4191	4209	rVV6	268476	881468	15.37%	1.655%
54	15.296	4209	4216	4230	rVB	417451	680137	11.86%	1.277%
55	15.379	4231	4242	4256	rBV	311209	667169	11.63%	1.253%
56	15.576	4284	4303	4317	rVB	815570	1923426	33.54%	3.611%
57	15.730	4341	4351	4371	rVB4	228598	552295	9.63%	1.037%
58	15.871	4382	4395	4406	rBV2	578015	1165241	20.32%	2.188%
59	15.990	4426	4432	4439	rBV2	61703	100875	1.76%	0.189%
60	16.058	4444	4453	4463	rVV4	285053	572562	9.98%	1.075%
61	16.119	4464	4472	4483	rVV2	228429	423004	7.38%	0.794%
62	16.187	4486	4493	4515	rVB	295126	549175	9.58%	1.031%
63	16.305	4519	4530	4541	rBV7	190887	483438	8.43%	0.908%

Sum of corrected areas: 53260861

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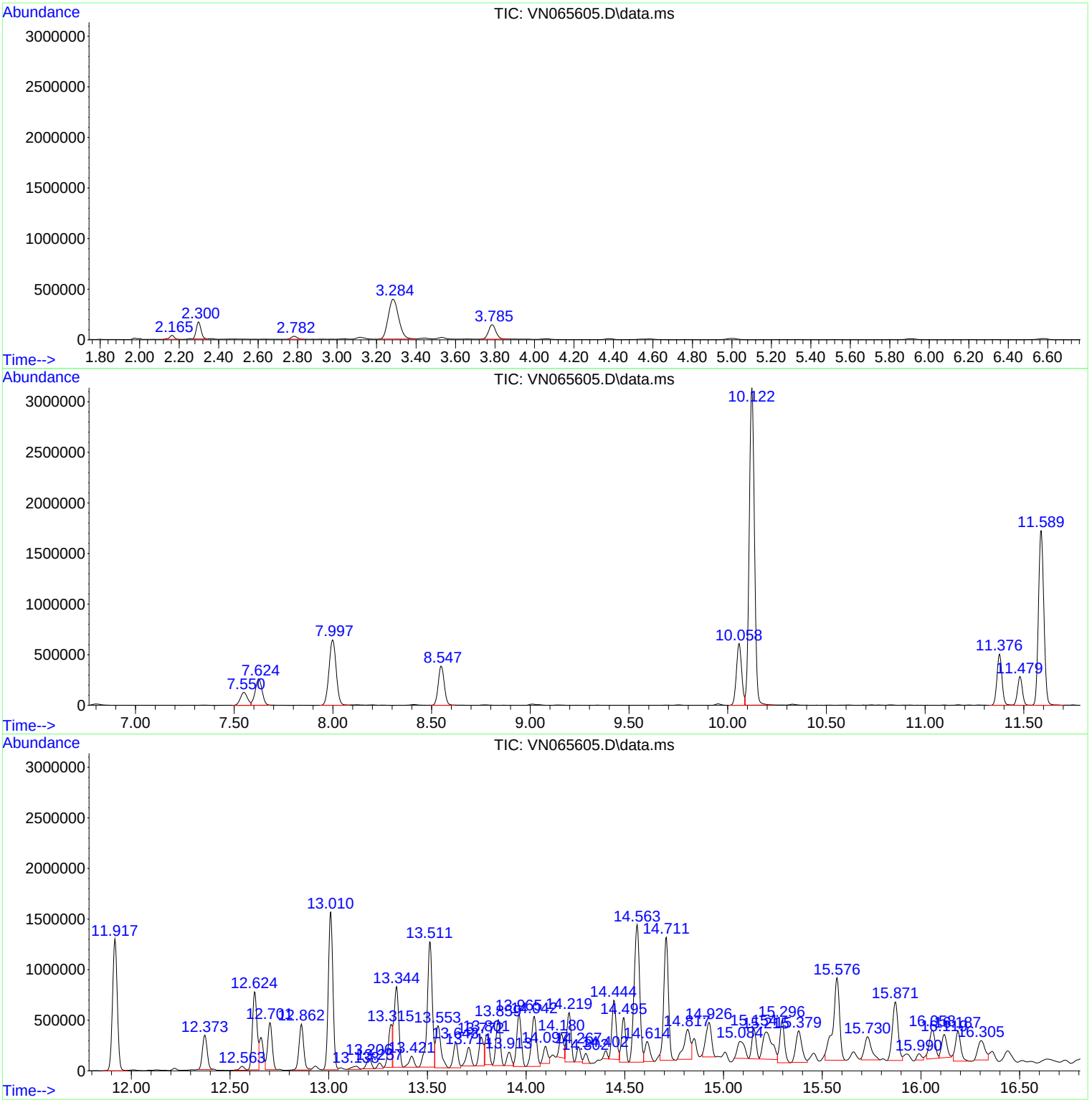
Data File : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
Sample : M1218-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
238

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 : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
Sample : M1218-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
238

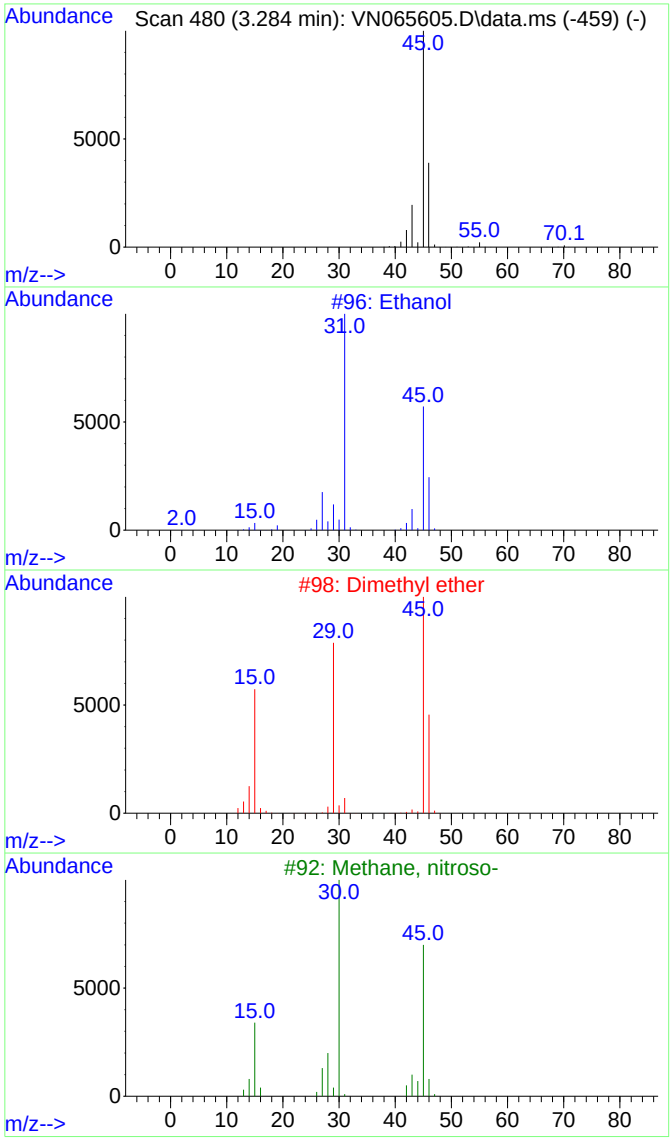
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

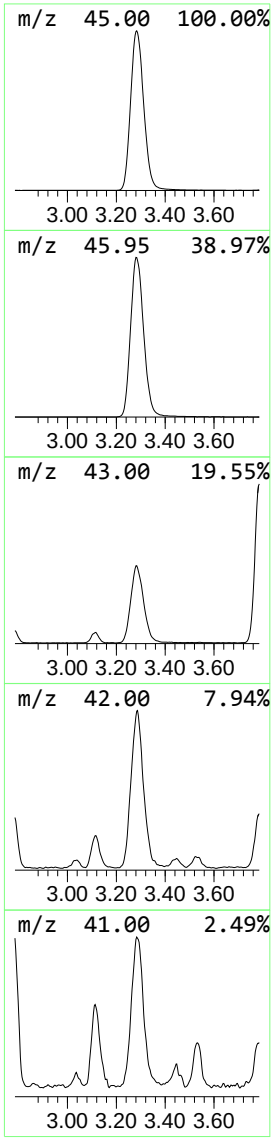
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.284	114.51 ug/l	1432770	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	L-Lactic acid	90	C3H6O3	000079-33-4	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
Sample : M1218-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238

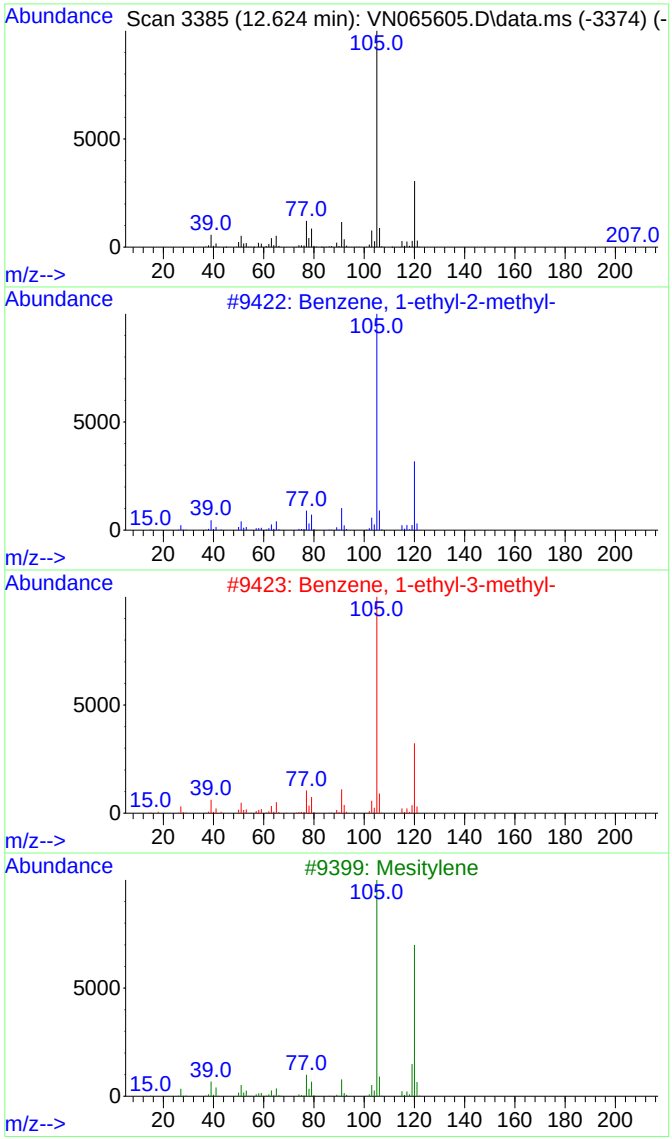
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

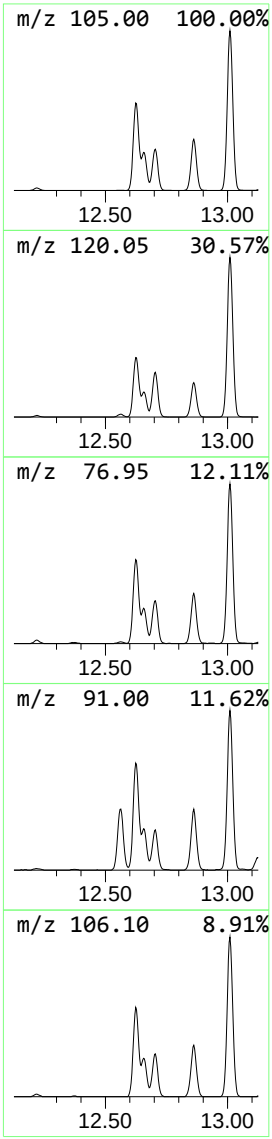
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.624	110.11 ug/l	1276490	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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
Sample : M1218-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
238

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

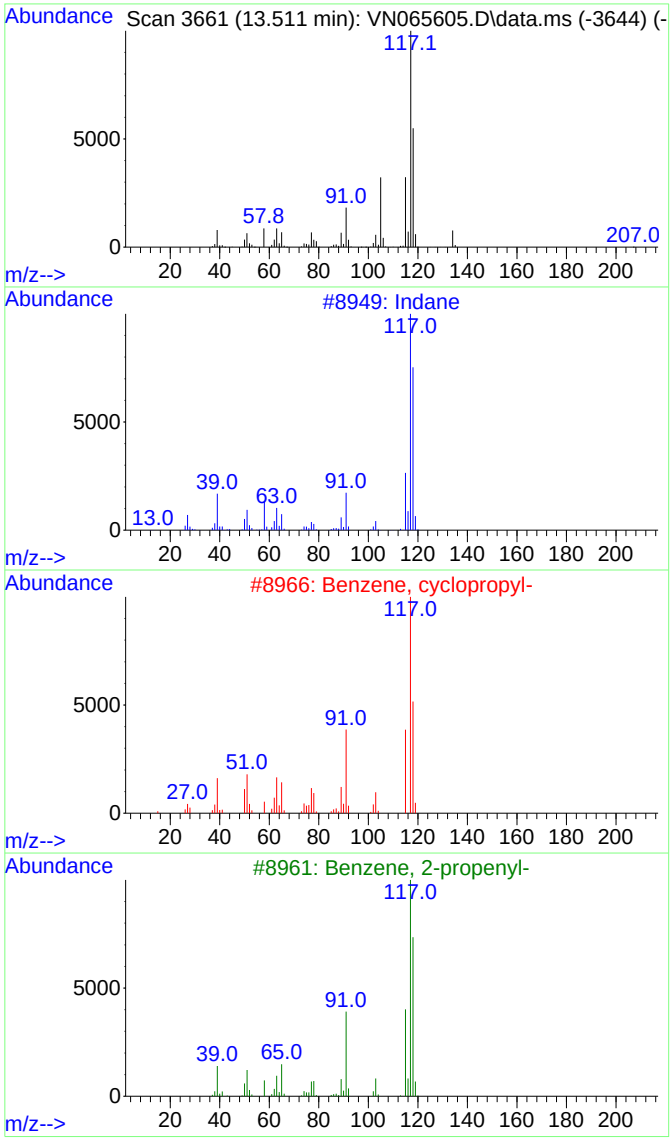
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

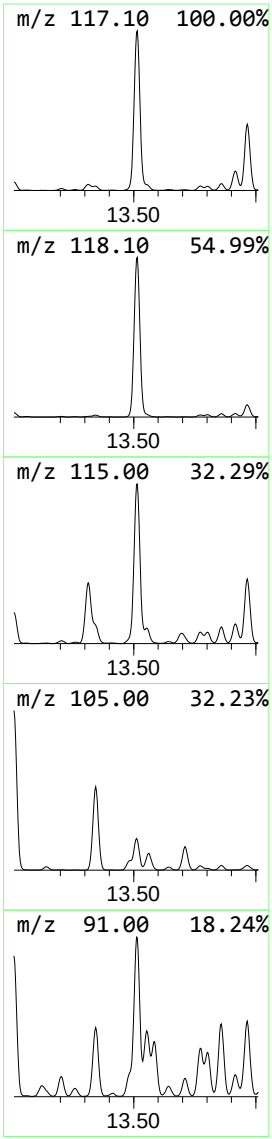
****

Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.511	191.51 ug/l	2220300	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	92
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	62
5	Deltacyclene	118	C9H10	007785-10-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
Sample : M1218-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
238

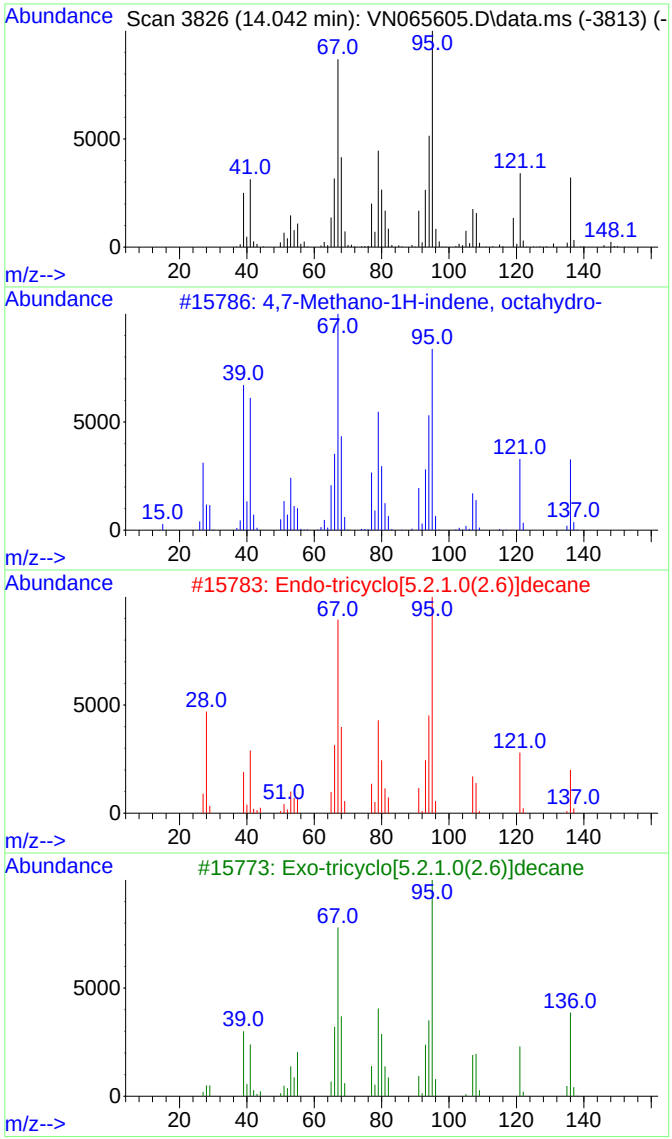
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

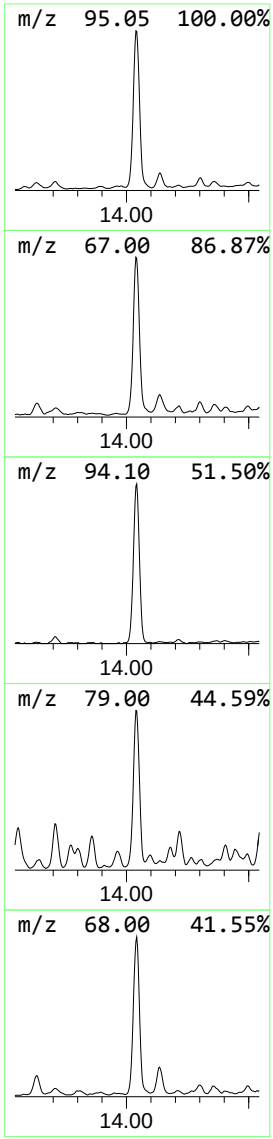
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4,7-Methano-1H-indene, octa... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.042	76.51 ug/l	887018	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	98
2	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	98
3	Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	93
4	1-Cyclopentylcyclopentene	136	C10H16	004884-21-3	70
5	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
Sample : M1218-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238

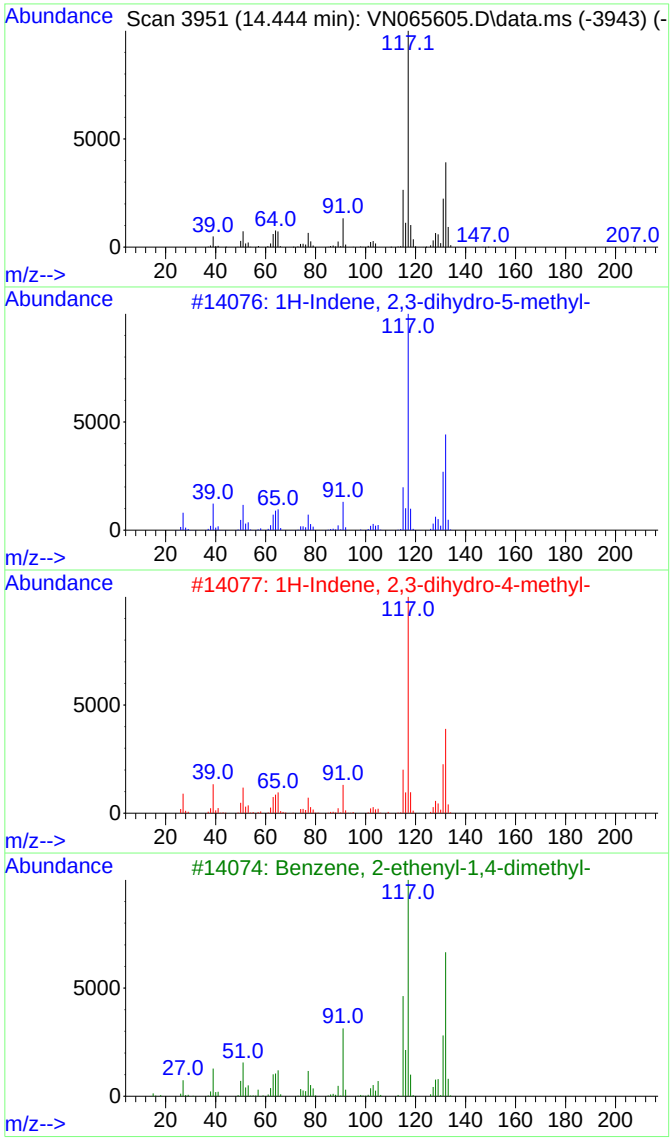
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

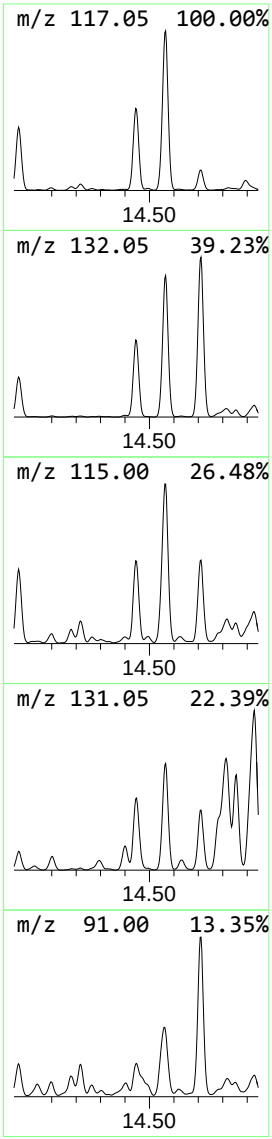
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.444	78.90 ug/l	914762	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	93
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	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80





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Sample : M1218-04
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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238

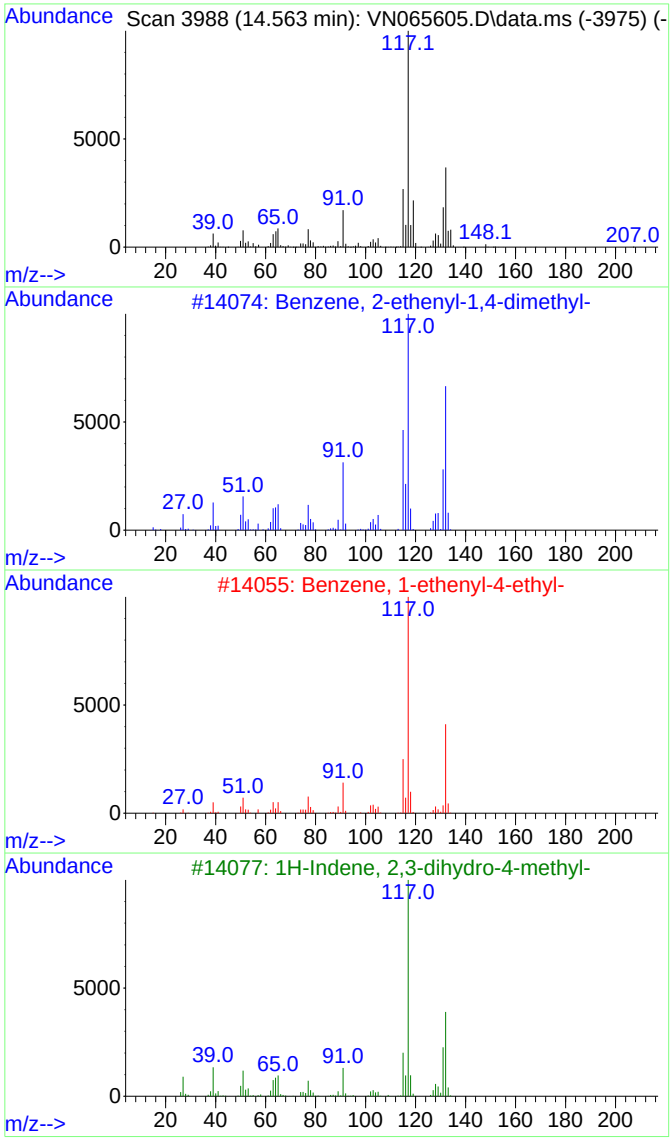
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

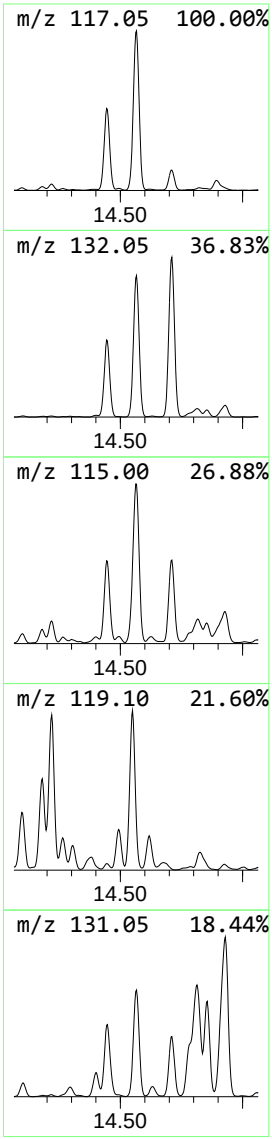
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	232.47 ug/l	2695170	1,4-Dichlorobenzene-d4	13.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
Sample : M1218-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238

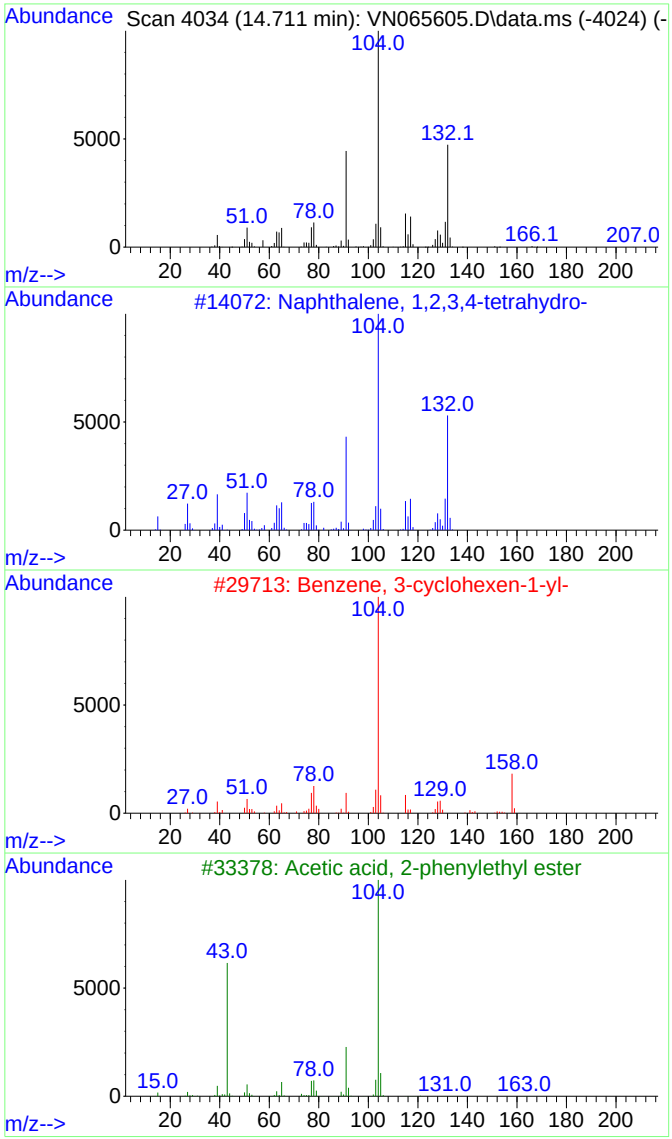
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

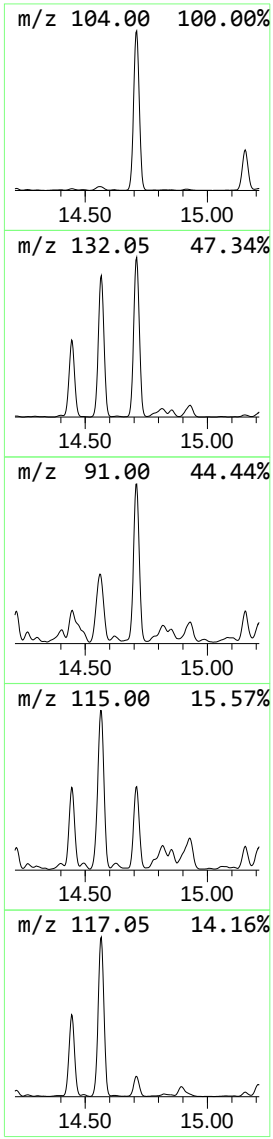
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.711	171.63 ug/l	1989780	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	97
2	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
3	Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	38
4	4-Cyanobenzoic acid, 2-phenyleth...	251	C16H13NO2	131786-46-4	38
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
Sample : M1218-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238

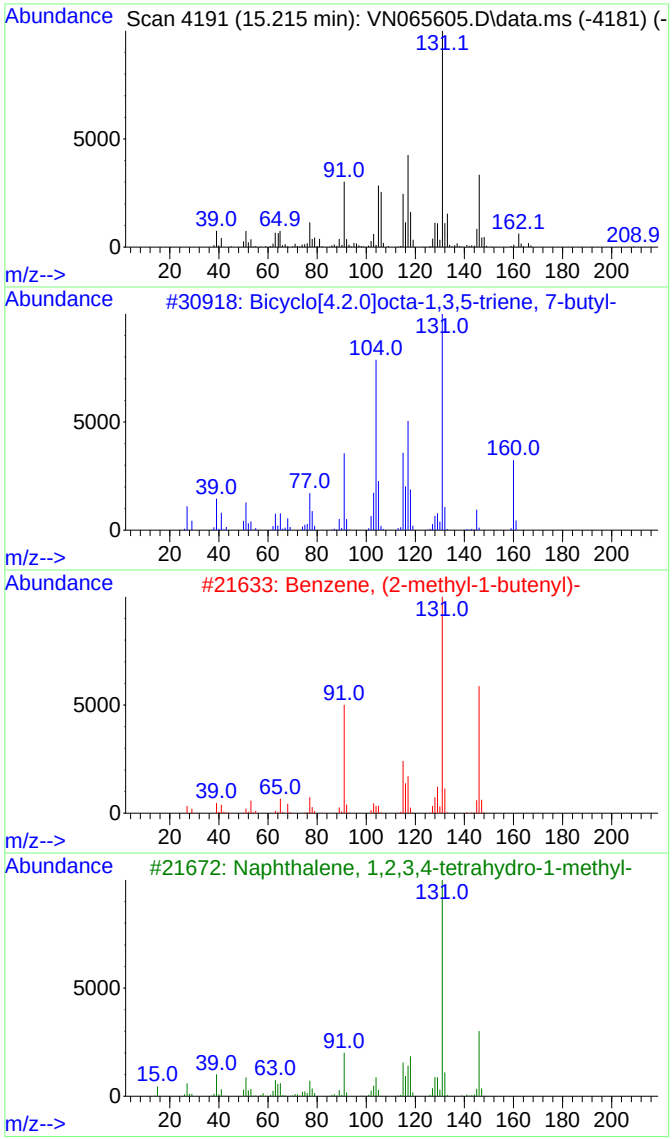
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

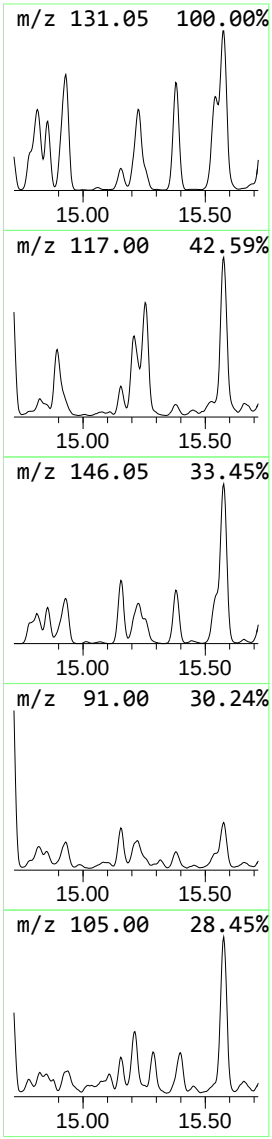
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	76.03 ug/l	881468	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,...	160	C12H16	078920-29-3	93
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	92
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065605.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238

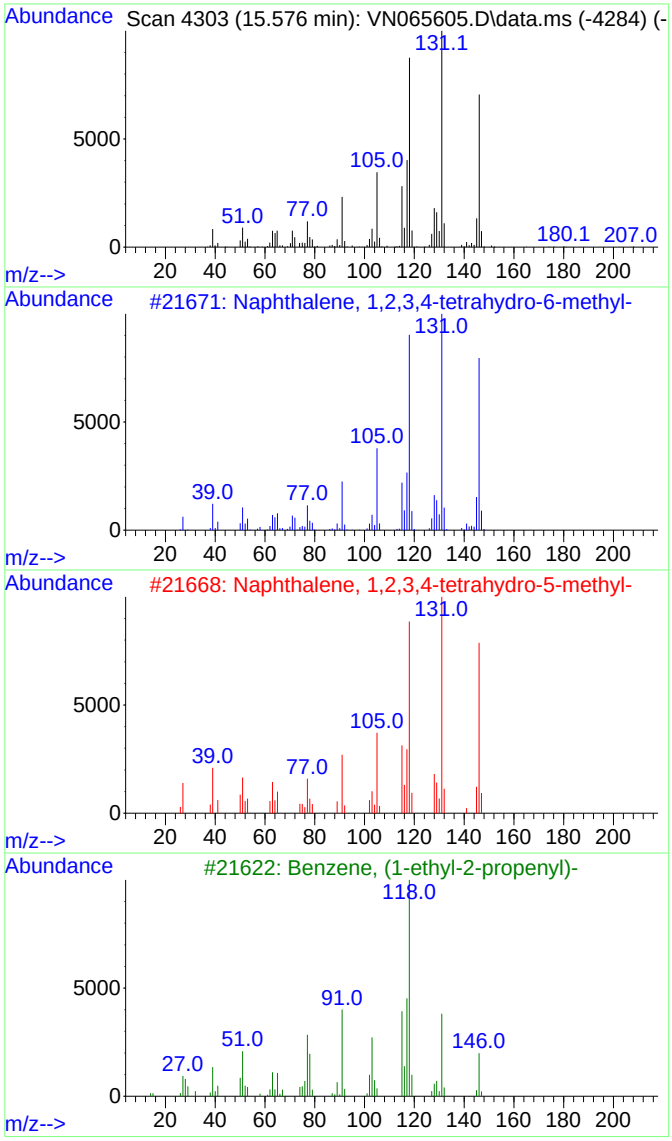
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

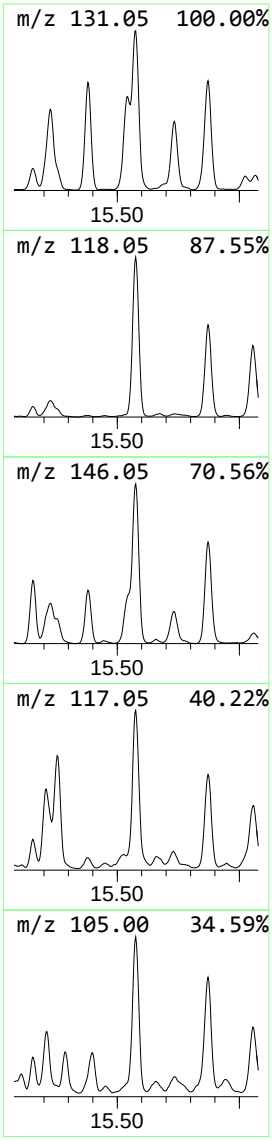
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.576	165.91 ug/l	1923430	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	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
Sample : M1218-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 238

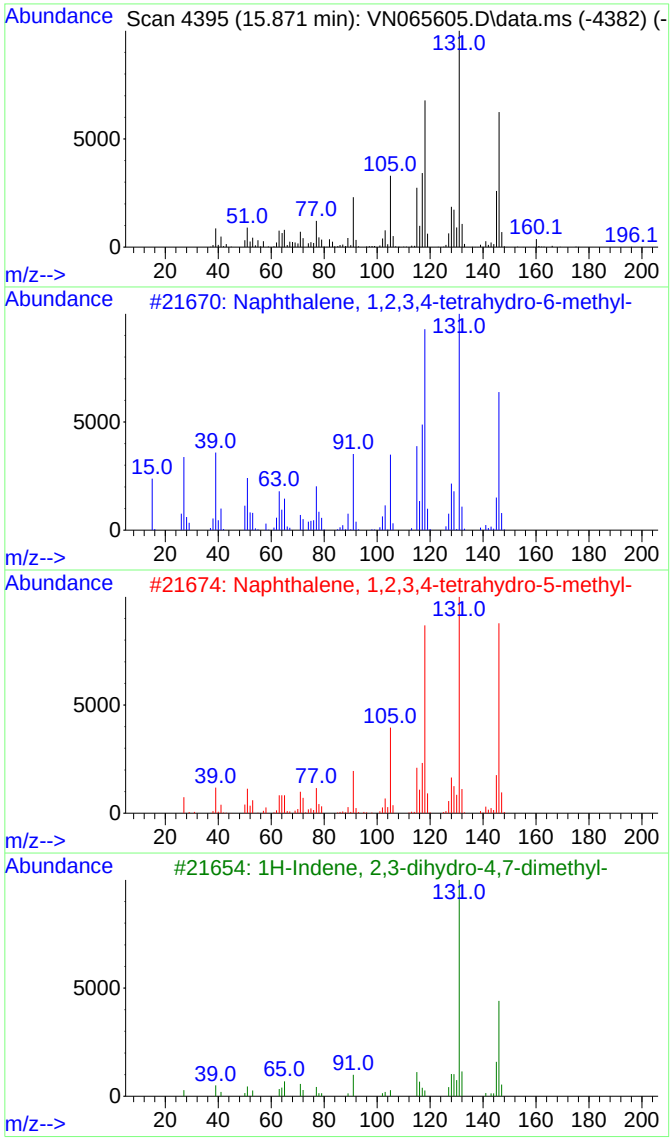
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

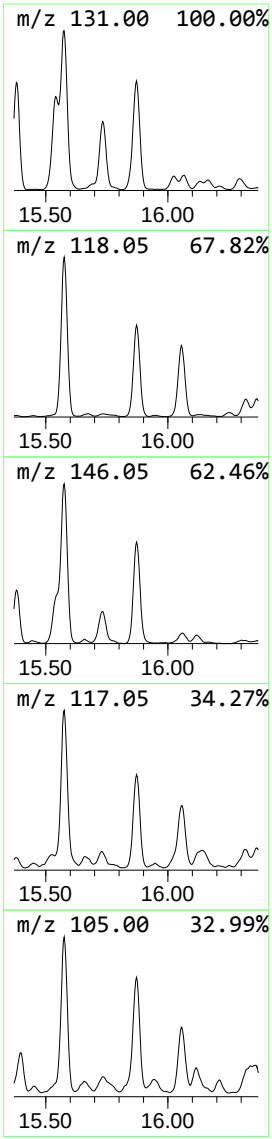
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.871	100.51 ug/l	1165240	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-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





Tentatively Identified Compound (LSC) summary

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Data File : VN065605.D
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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : 238

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	3.284	114.5	ug/l	1432770	1	7.624	625634	50.0
Benzene, 1-ethy...	12.624	110.1	ug/l	1276490	4	13.315	579672	50.0
Indane	13.511	191.5	ug/l	2220300	4	13.315	579672	50.0
4,7-Methano-1H-...	14.042	76.5	ug/l	887018	4	13.315	579672	50.0
1H-Indene, 2,3-...	14.444	78.9	ug/l	914762	4	13.315	579672	50.0
Benzene, 2-ethe...	14.563	232.5	ug/l	2695170	4	13.315	579672	50.0
Naphthalene, 1,...	14.711	171.6	ug/l	1989780	4	13.315	579672	50.0
Bicyclo[4.2.0]o...	15.216	76.0	ug/l	881468	4	13.315	579672	50.0
Naphthalene, 1,...	15.576	165.9	ug/l	1923430	4	13.315	579672	50.0
Naphthalene, 1,...	15.871	100.5	ug/l	1165240	4	13.315	579672	50.0