LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
Data File : VN066807.D
Acq On : 28 Apr 2021 13:11
Operator : JC/MD
Sample : M2136-05 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 31032

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\82N042721W.M
Title : SW846 8260

Signal : TIC: VN066807.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.286	198	210	227	rBV	154954	236085	1.13%	0.518%
2	3.254	538	571	654	rBV	6979477	20820227	100.00%	45.649%
3	6.845	1891	1910	1952	rVB	75122	213650	1.03%	0.468%
4	7.513	2137	2159	2173	rBV2	200172	504448	2.42%	1.106%
5	7.591	2173	2188	2217	rVB2	391288	948335	4.55%	2.079%
6	7.964	2303	2327	2361	rBV3	428163	1160721	5.57%	2.545%
7	8.519	2512	2534	2567	rBV	547896	1151177	5.53%	2.524%
8	10.029	3079	3097	3109	rBV	895219	1618757	7.77%	3.549%
9	10.093	3109	3121	3153	rVB	1431966	2634064	12.65%	5.775%
10	11.351	3572	3590	3614	rBV	711485	1305302	6.27%	2.862%
11	11.456	3614	3629	3649	rVV	520227	917126	4.40%	2.011%
12	11.560	3652	3668	3714	rVB	1513827	2987155	14.35%	6.549%
13	11.890	3768	3791	3822	rBV	973744	1778902	8.54%	3.900%
14	12.349	3947	3962	4005	rBV	453295	958721	4.60%	2.102%
15	12.601	4044	4056	4064	rBV	538191	886786	4.26%	1.944%
16	12.679	4077	4085	4115	rVB	316019	556706	2.67%	1.221%
17	12.837	4130	4144	4161	rBV	327889	563923	2.71%	1.236%
18	12.984	4185	4199	4232	rBV	1066603	1814162	8.71%	3.978%
19	13.290	4299	4313	4318	rBV	656549	1083956	5.21%	2.377%
20	13.489	4368	4387	4396	rBV	428527	816686	3.92%	1.791%
21	13.939	4544	4555	4569	rVB2	179223	298844	1.44%	0.655%
22	14.191	4642	4649	4659	rVB	147311	209963	1.01%	0.460%
23	14.419	4725	4734	4744	rBV2	138001	218487	1.05%	0.479%
24	14.535	4762	4777	4792	rBV3	392281	822821	3.95%	1.804%
25	14.682	4821	4832	4852	rVB	323211	528293	2.54%	1.158%
26	15.543	5145	5153	5174	rVB2	188125	348388	1.67%	0.764%
27	15.838	5252	5263	5282	rVB4	116325	226172	1.09%	0.496%

Sum of corrected areas: 45609857

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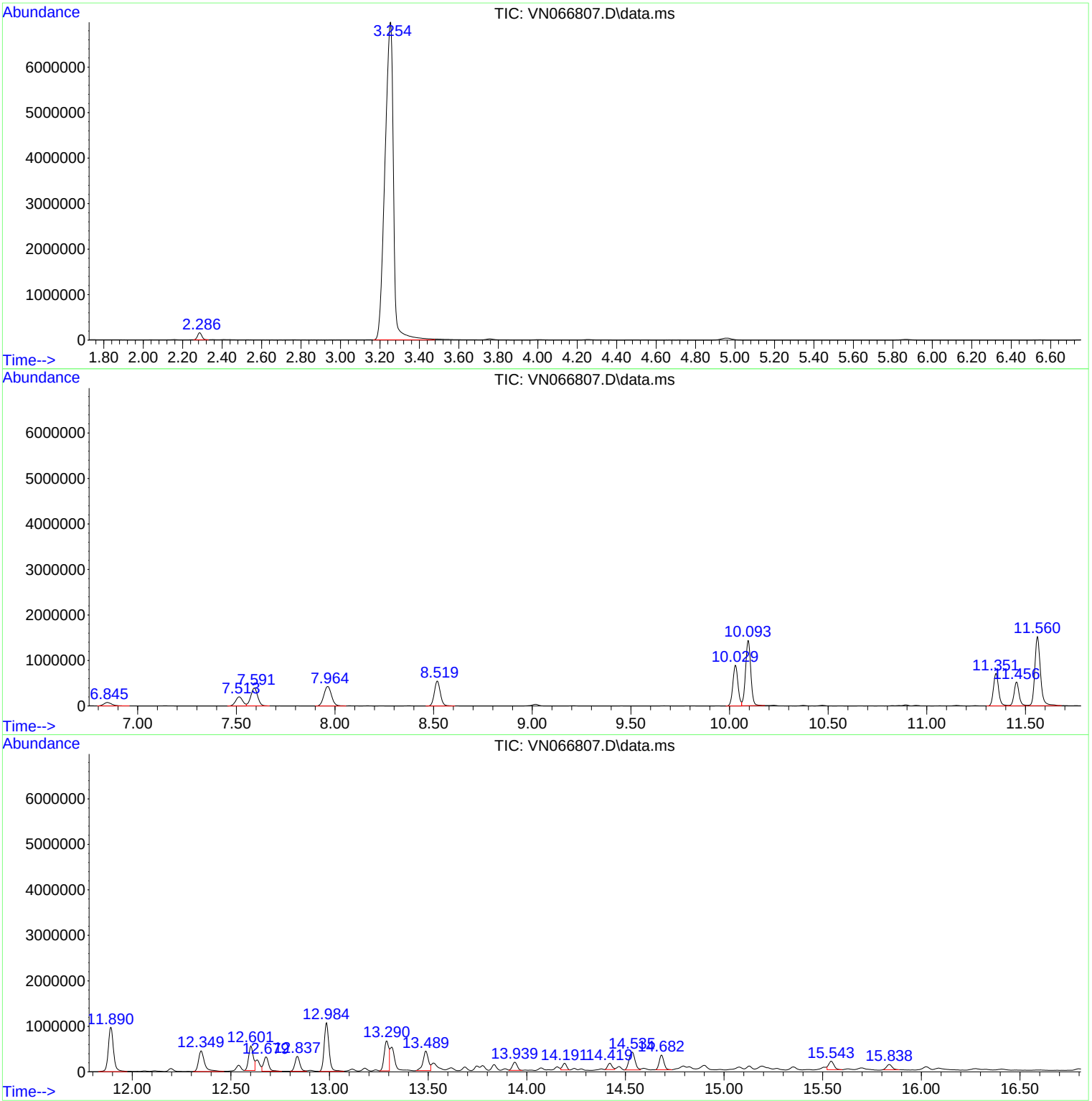
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31032

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

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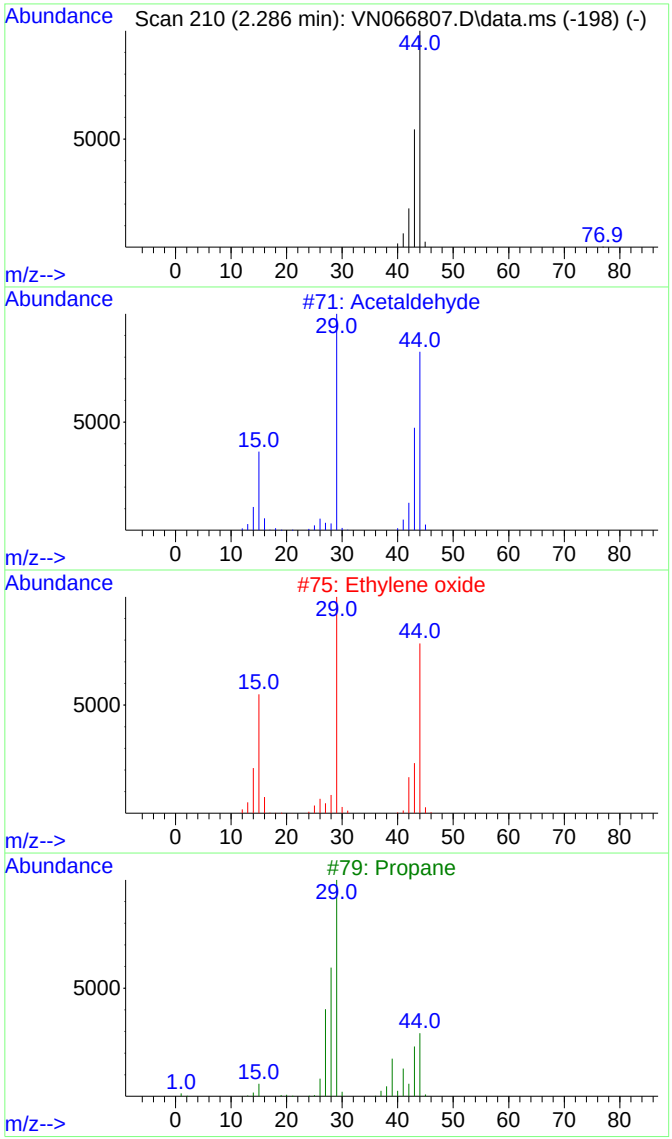
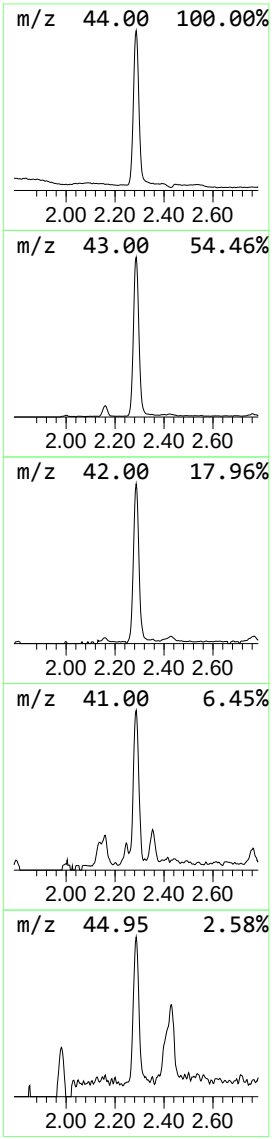
****

Peak Number 1 Acetaldehyde Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.286	12.45 ug/l	236085	Pentafluorobenzene	7.591

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	83
2	Ethylene oxide	44	C2H4O	000075-21-8	5
3	Propane	44	C3H8	000074-98-6	4
4	Alanine	89	C3H7NO2	000056-41-7	4
5	Ethyne, fluoro-	44	C2HF	002713-09-9	3





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Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 31032

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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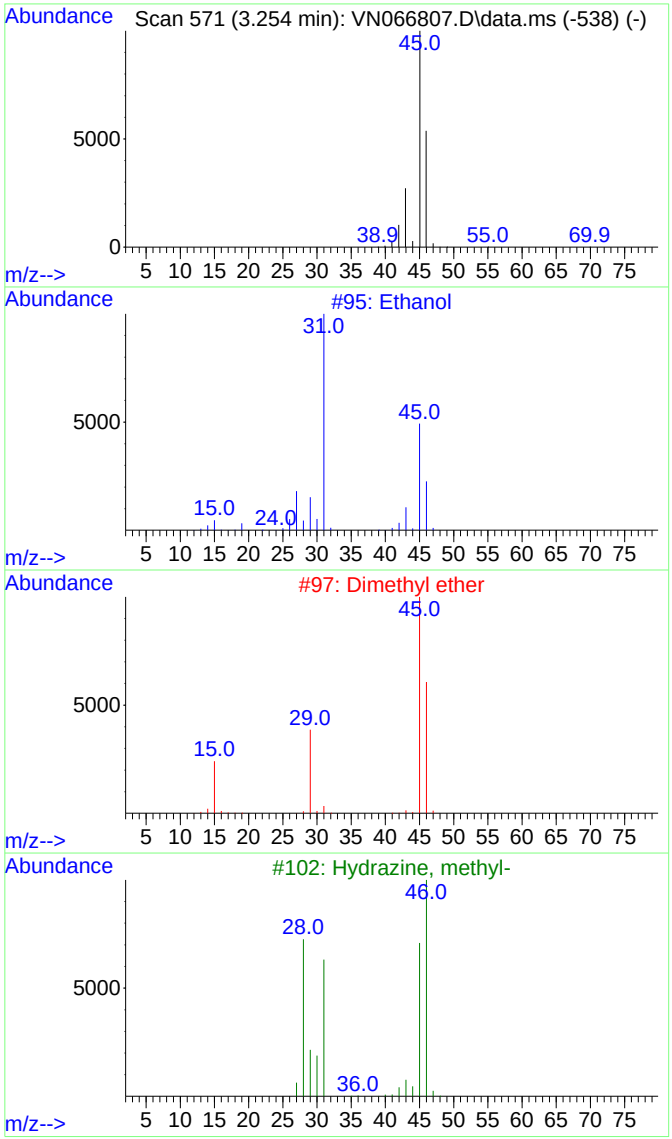
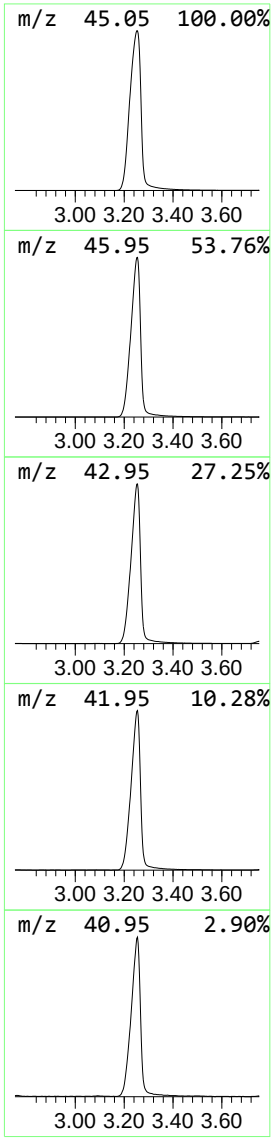
Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.254	1097.73 ug/l	20820200	Pentafluorobenzene	7.591

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	Hydrazine, methyl-	46	CH6N2	000060-34-4	9
4	Methane, nitroso-	45	CH3NO	000865-40-7	4
5	Ethene, fluoro-	46	C2H3F	000075-02-5	4





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Sample : M2136-05 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 31032

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260

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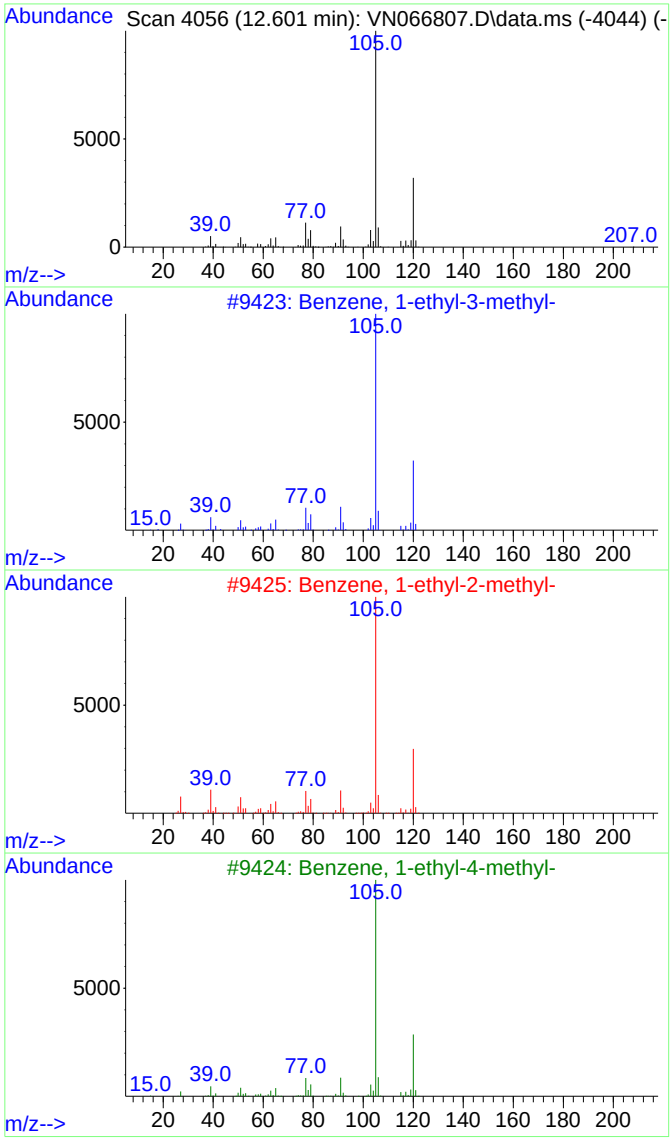
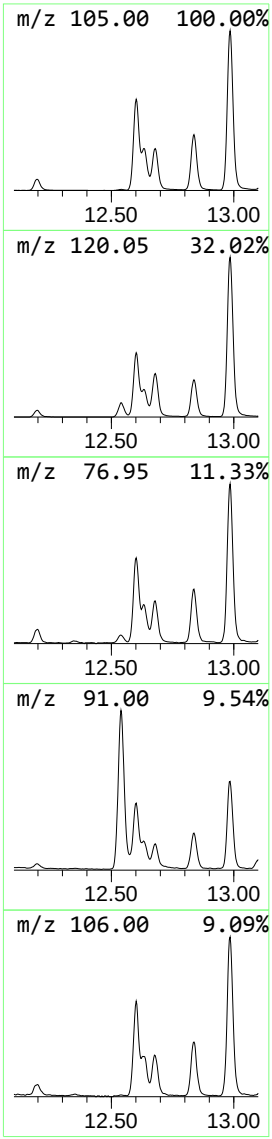
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.601	40.91 ug/l	886786	1,4-Dichlorobenzene-d4	13.290

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : M2136-05 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 31032

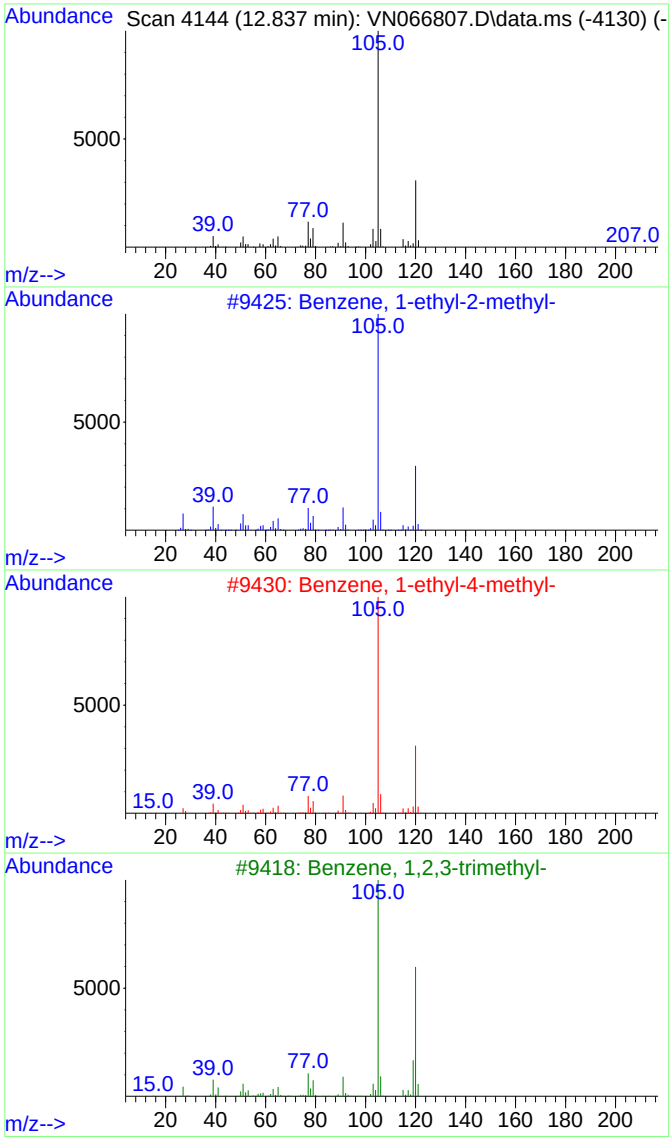
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260

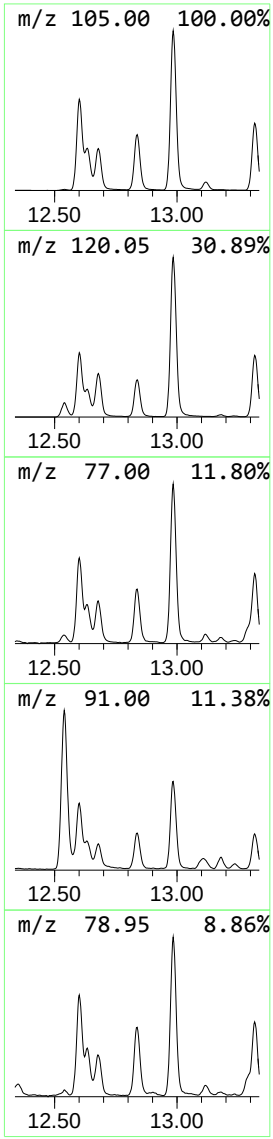
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.837	26.01 ug/l	563923	1,4-Dichlorobenzene-d4	13.290

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Mesitylene	120	C9H12	000108-67-8	90





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Operator : JC/MD
Sample : M2136-05 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 31032

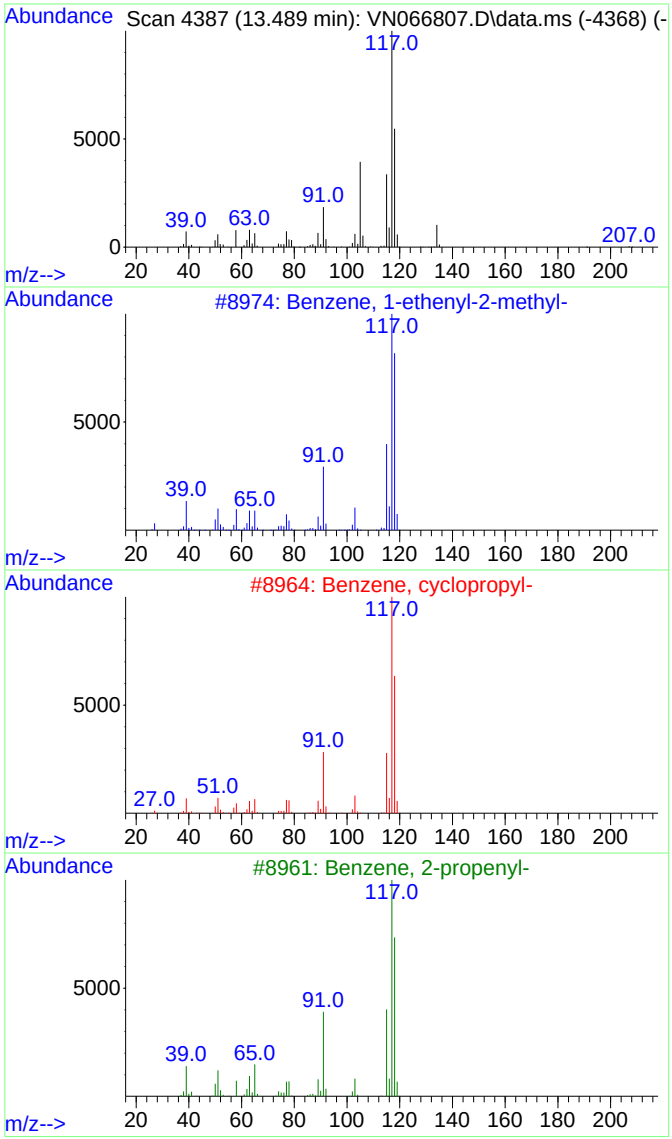
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260

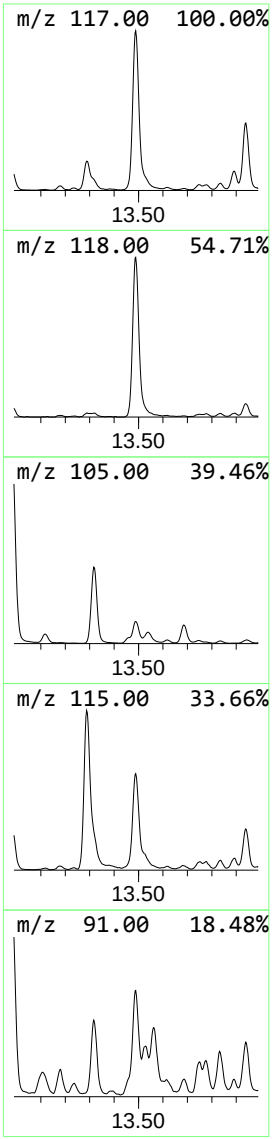
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.489	37.67 ug/l	816686	1,4-Dichlorobenzene-d4	13.290

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
5	Indane	118	C9H10	000496-11-7	70





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Instrument : MSVOA_N
ClientSampleId : 31032

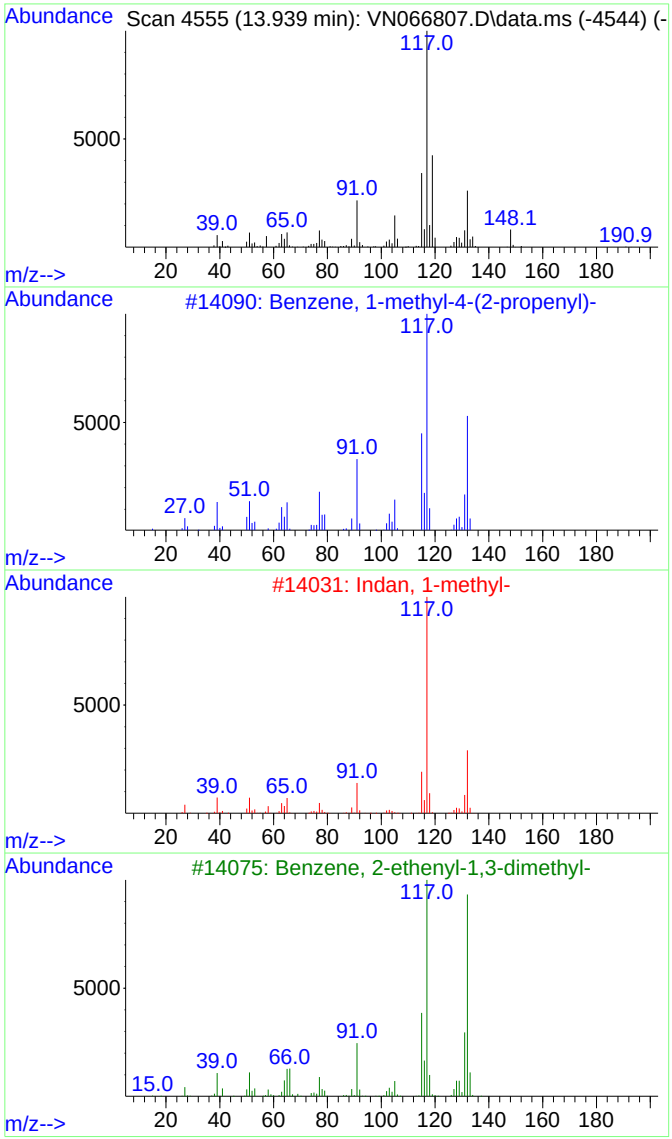
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260

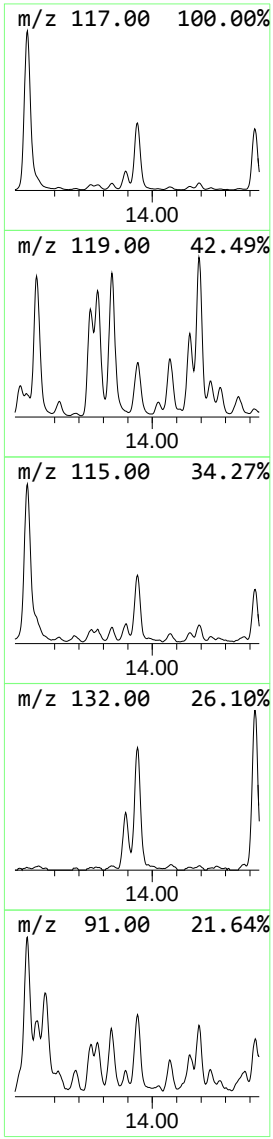
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-4-(2-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	13.78 ug/l	298844	1,4-Dichlorobenzene-d4	13.290

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	89
2	Indan, 1-methyl-	132	C10H12	000767-58-8	64
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	62
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	62





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TIC Library : C:\DATABASE\NIST11.L
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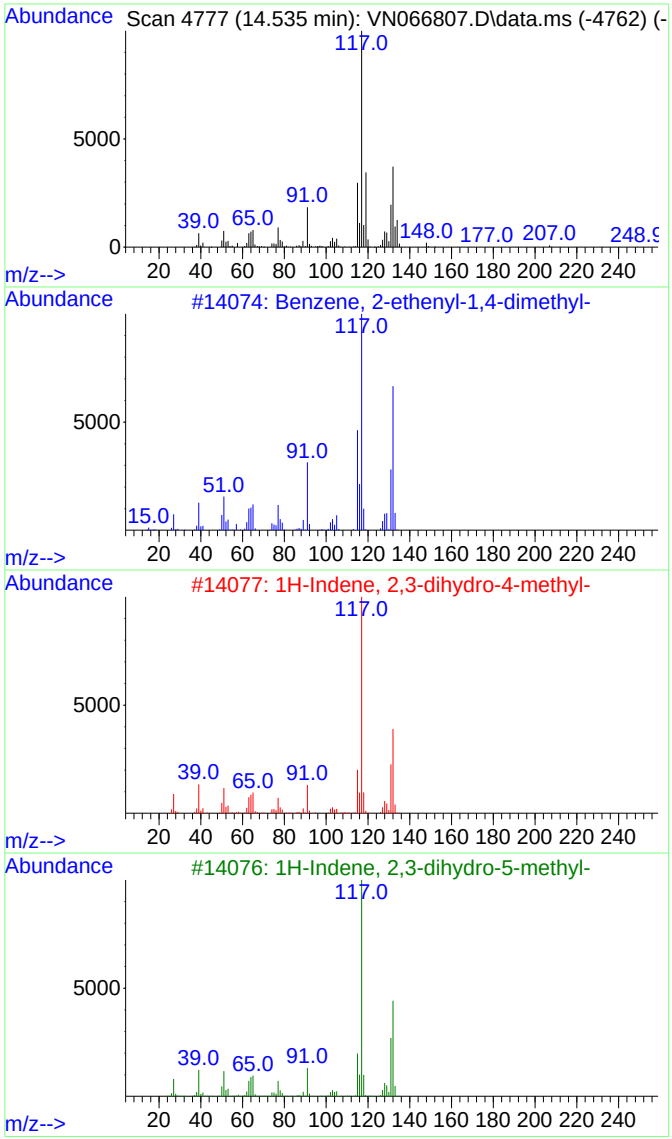
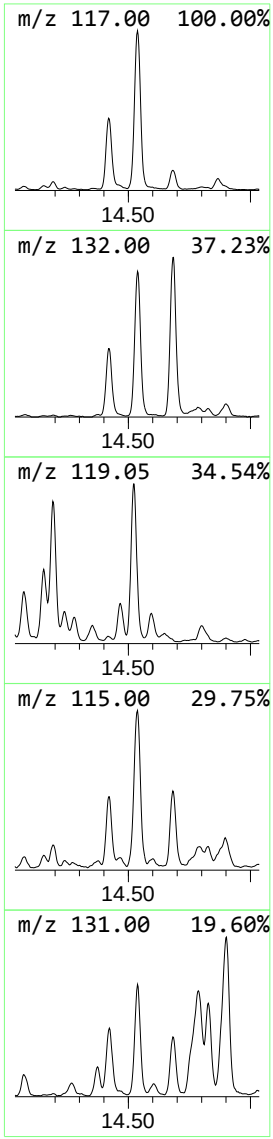
****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.535	37.95 ug/l	822821	1,4-Dichlorobenzene-d4	13.290

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
5	Indan, 1-methyl-	132	C10H12	000767-58-8	70





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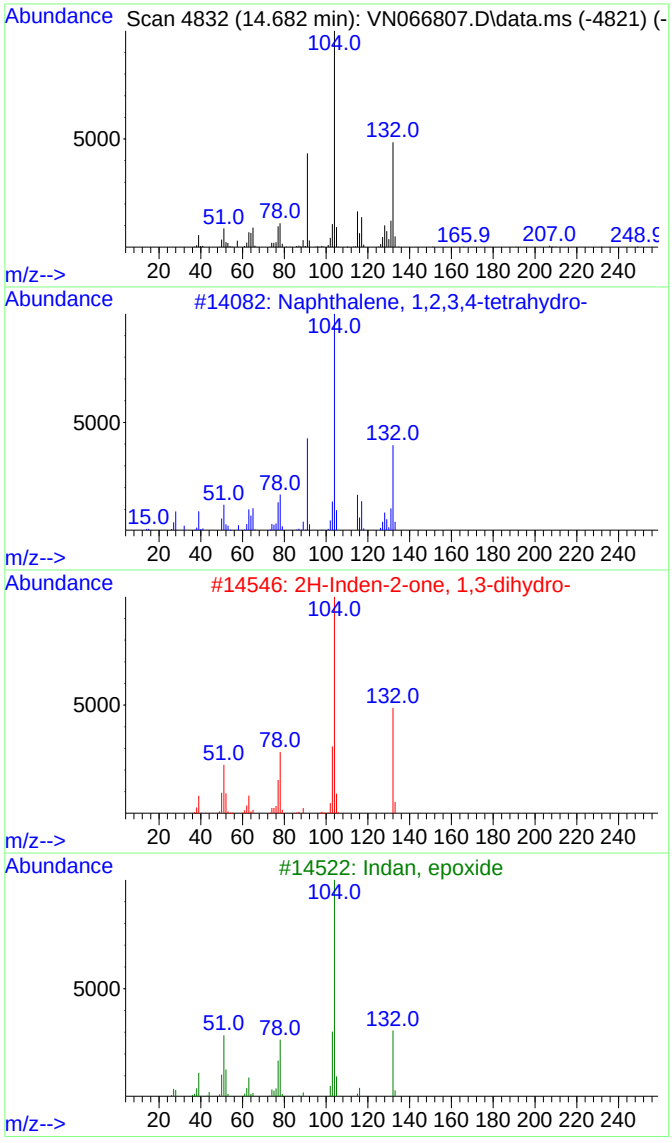
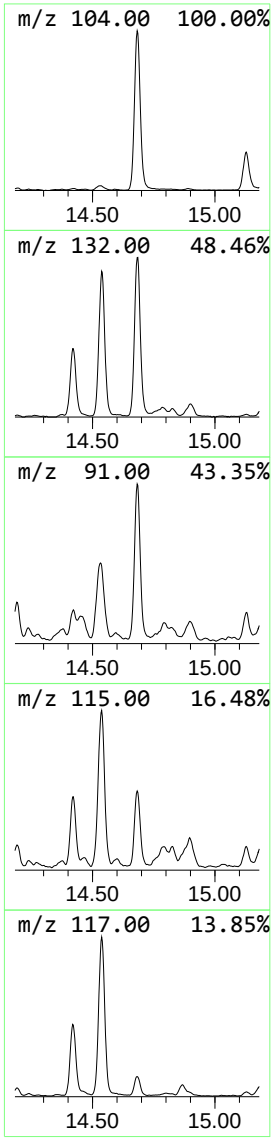
****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.682	24.37 ug/l	528293	1,4-Dichlorobenzene-d4	13.290

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	62
3	Indan, epoxide	132	C9H8O	000768-22-9	50
4	Monomethyl 3-phenylcyclobutane-1...	234	C13H14O4	1000100-51-7	38
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	38





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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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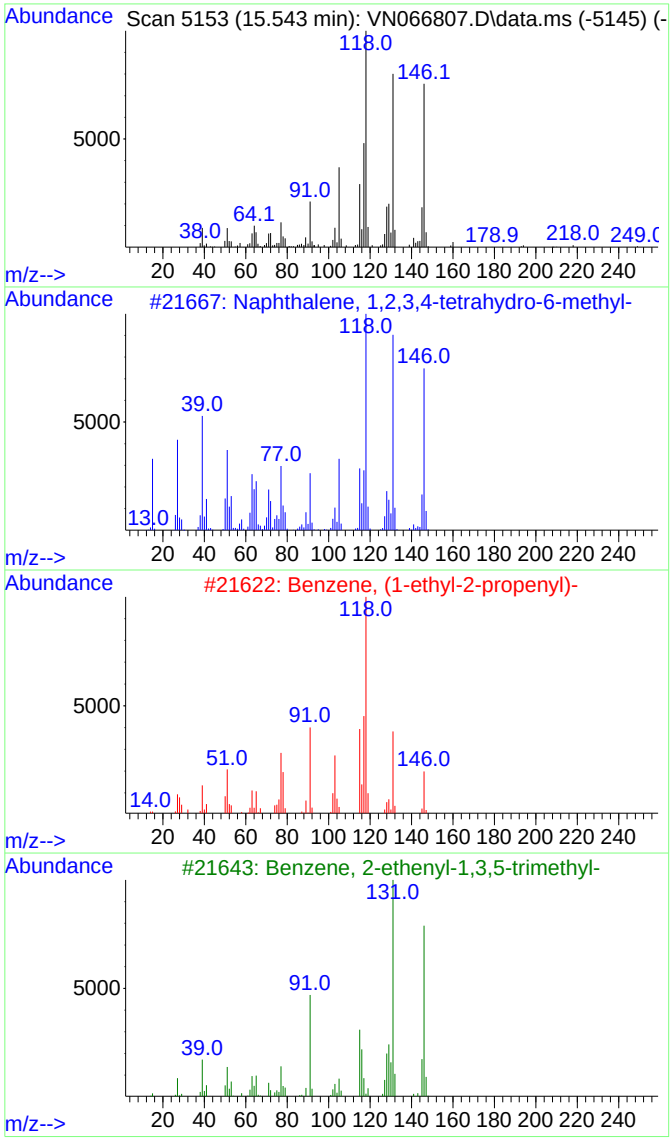
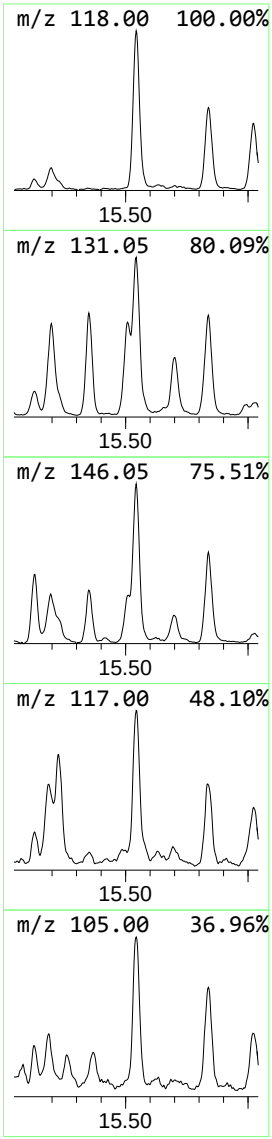
****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	16.07 ug/l	348388	1,4-Dichlorobenzene-d4	13.290

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	90
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
5	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	72





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ClientSampleId : 31032

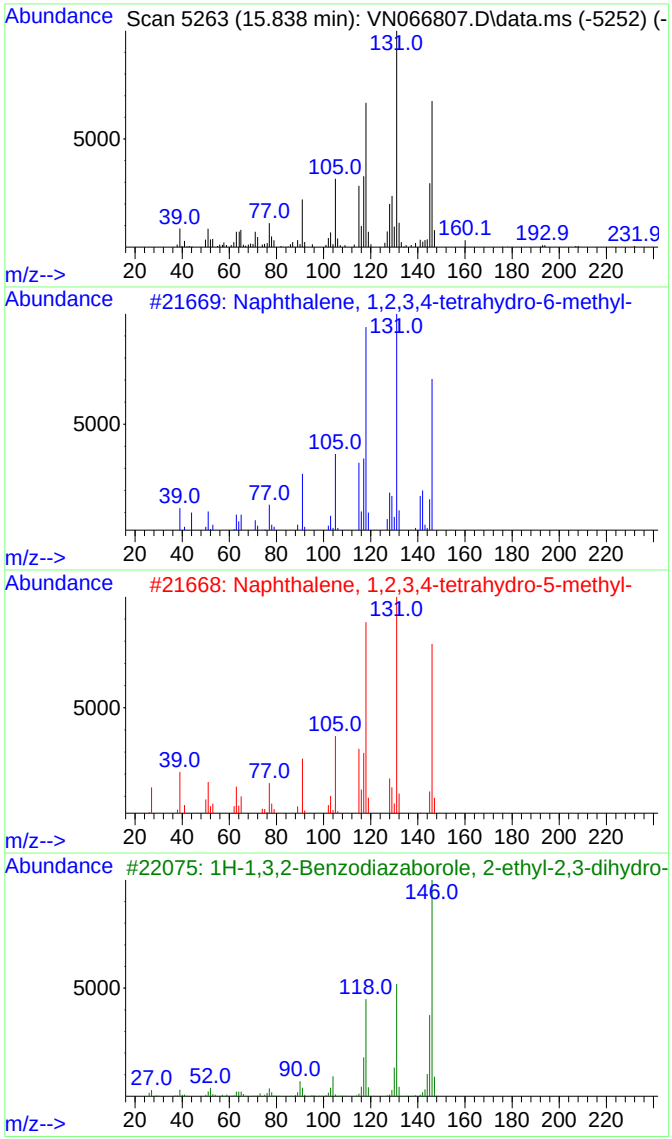
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260

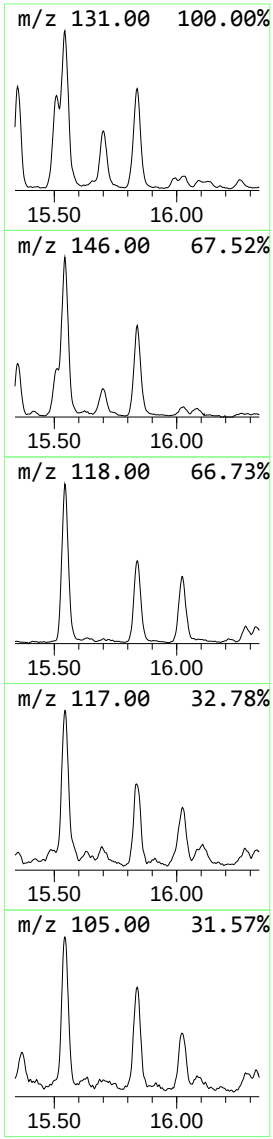
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.838	10.43 ug/l	226172	1,4-Dichlorobenzene-d4	13.290

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	94
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	83
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
Data File : VN066807.D
Acq On : 28 Apr 2021 13:11
Operator : JC/MD
Sample : M2136-05 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 31032

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.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
Acetaldehyde	2.286	12.4	ug/l	236085	1	7.591	948335	50.0
Ethanol	3.254	1097.7	ug/l	20820200	1	7.591	948335	50.0
Benzene, 1-ethy...	12.601	40.9	ug/l	886786	4	13.290	1083960	50.0
Benzene, 1-ethy...	12.837	26.0	ug/l	563923	4	13.290	1083960	50.0
Benzene, 1-ethe...	13.489	37.7	ug/l	816686	4	13.290	1083960	50.0
Benzene, 1-meth...	13.939	13.8	ug/l	298844	4	13.290	1083960	50.0
Benzene, 2-ethe...	14.535	38.0	ug/l	822821	4	13.290	1083960	50.0
Naphthalene, 1,...	14.682	24.4	ug/l	528293	4	13.290	1083960	50.0
Naphthalene, 1,...	15.543	16.1	ug/l	348388	4	13.290	1083960	50.0
Naphthalene, 1,...	15.838	10.4	ug/l	226172	4	13.290	1083960	50.0