LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
Data File : VN074364.D
Acq On : 08 Sep 2022 17:52
Operator : JC\MD
Sample : N4437-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\624N090822W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN074364.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.005	16	20	26	rBV	76981	108658	7.84%	1.916%
2	2.205	48	54	59	rBV	46192	109387	7.90%	1.929%
3	2.699	133	138	141	rBV5	44911	91374	6.60%	1.611%
4	4.234	392	399	401	rBV5	7979	16631	1.20%	0.293%
5	4.510	439	446	450	rBV5	10339	27088	1.96%	0.478%
6	7.587	960	969	981	rBV	182413	458200	33.07%	8.080%
7	7.739	989	995	996	rBV4	20623	27349	1.97%	0.482%
8	8.369	1093	1102	1113	rBV	238285	542137	39.13%	9.560%
9	8.904	1183	1193	1203	rBV2	397386	830164	59.92%	14.638%
10	10.380	1433	1444	1455	rBV	767085	1385392	100.00%	24.429%
11	10.816	1514	1518	1526	rVB2	83654	194155	14.01%	3.424%
12	11.686	1658	1666	1680	rBV	544950	959124	69.23%	16.912%
13	12.674	1827	1834	1842	rVB2	511221	863508	62.33%	15.226%
14	13.874	2030	2038	2041	rBV7	10509	19759	1.43%	0.348%
15	14.145	2078	2084	2091	rVB2	21646	38179	2.76%	0.673%

Sum of corrected areas: 5671105

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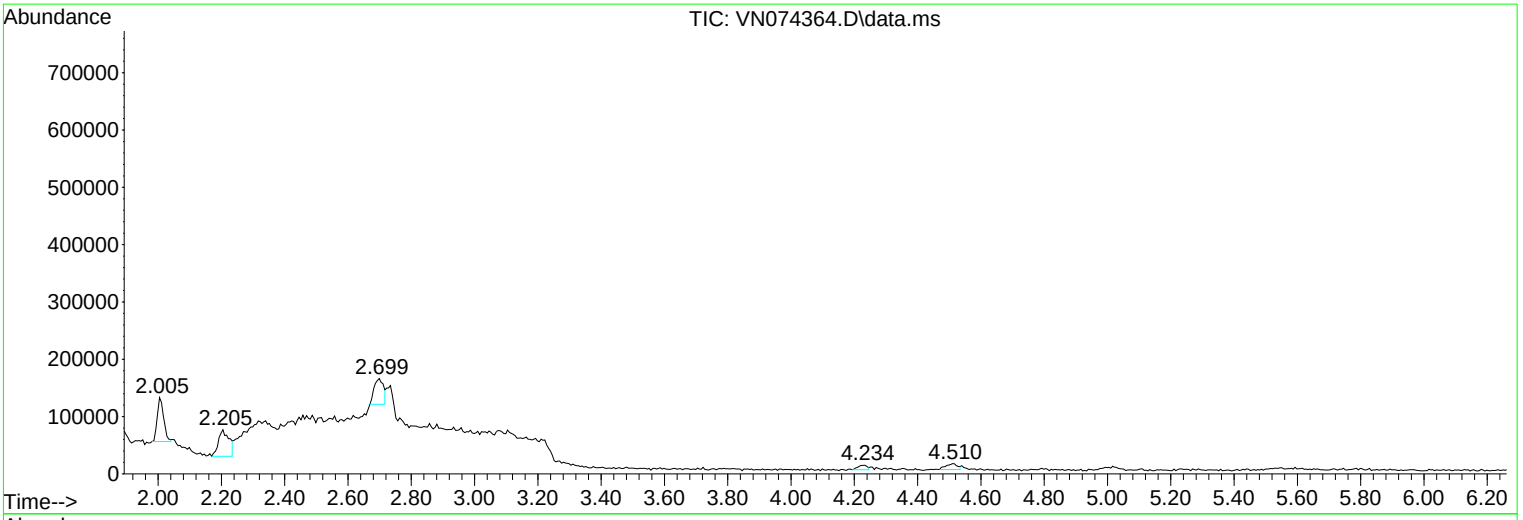
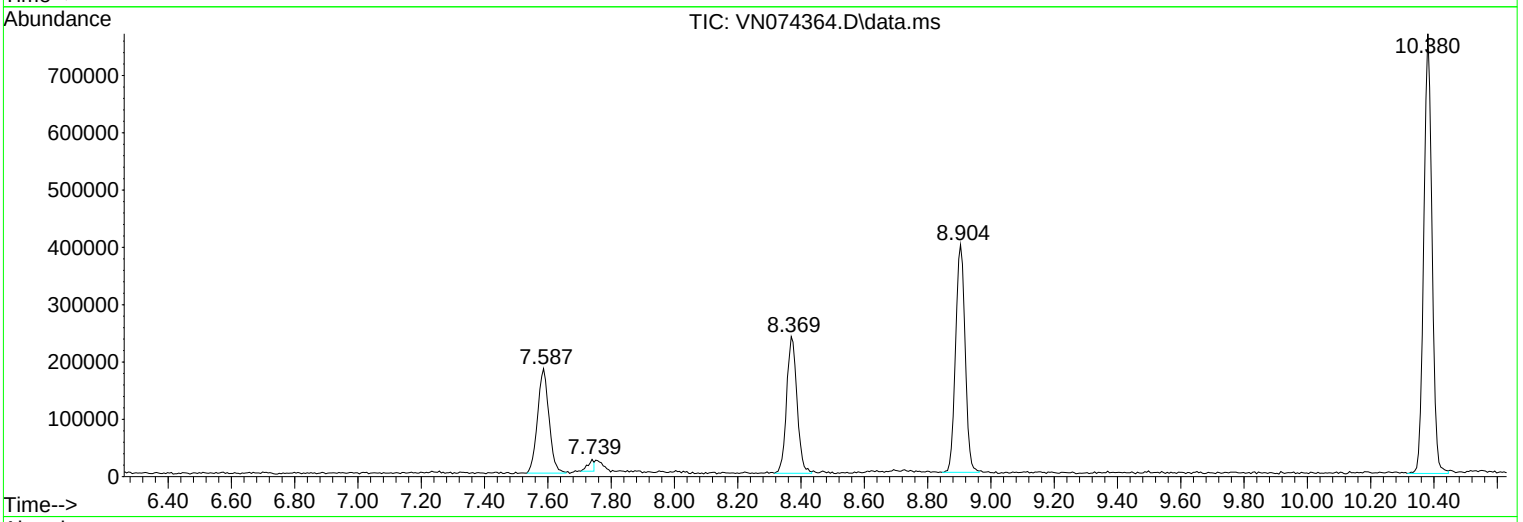
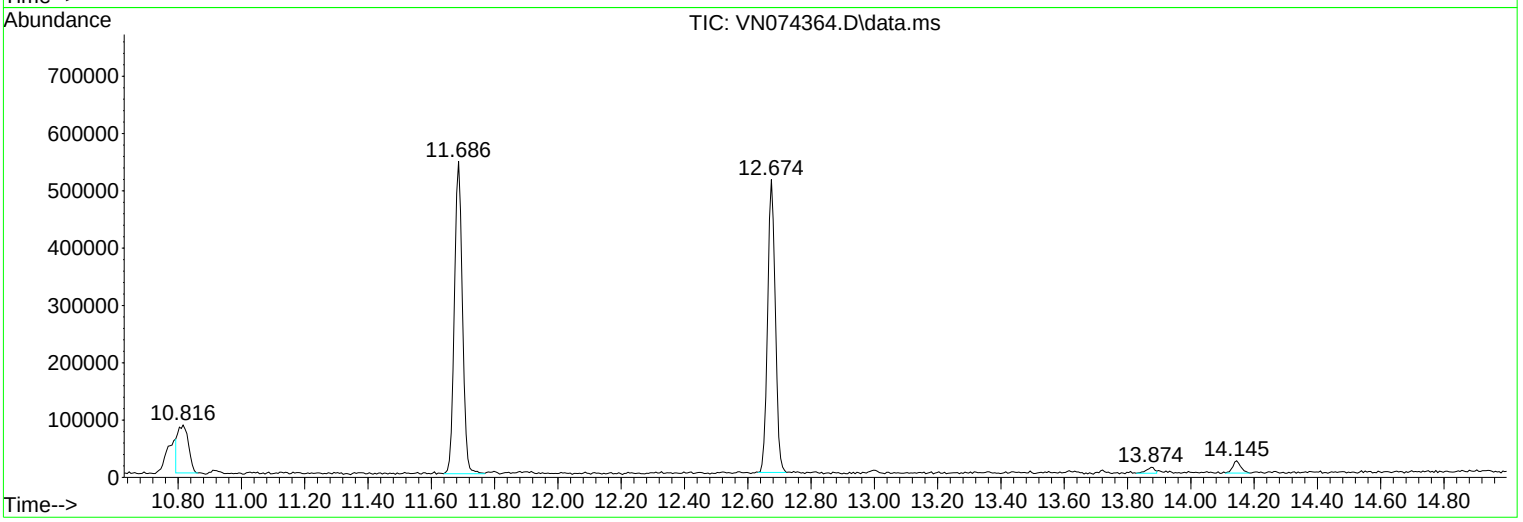
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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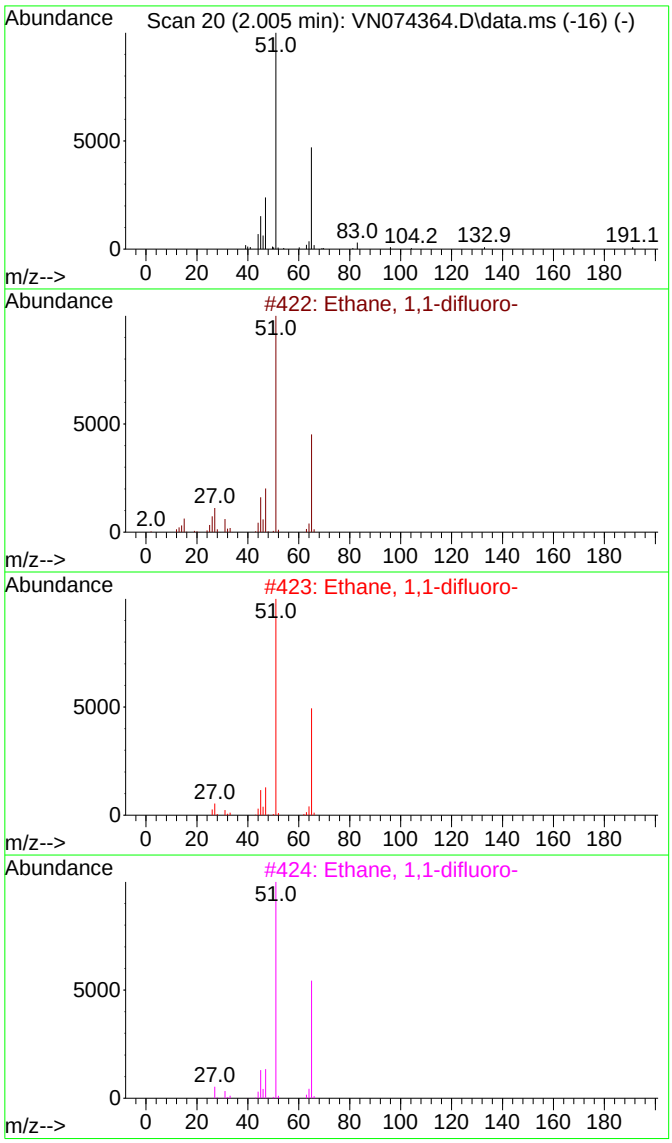
TIC Integration Parameters: LSCINT.P

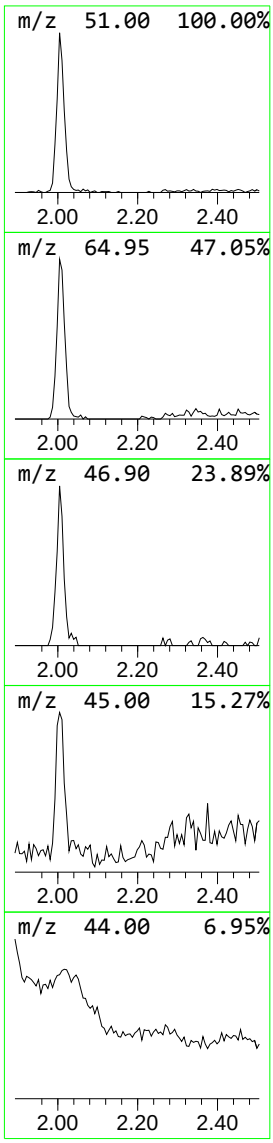
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.005	7.11 ug/l	108658	Bromochloromethane	7.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
4	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	9
5	Propiolonitrile	51	C3HN	001070-71-9	3





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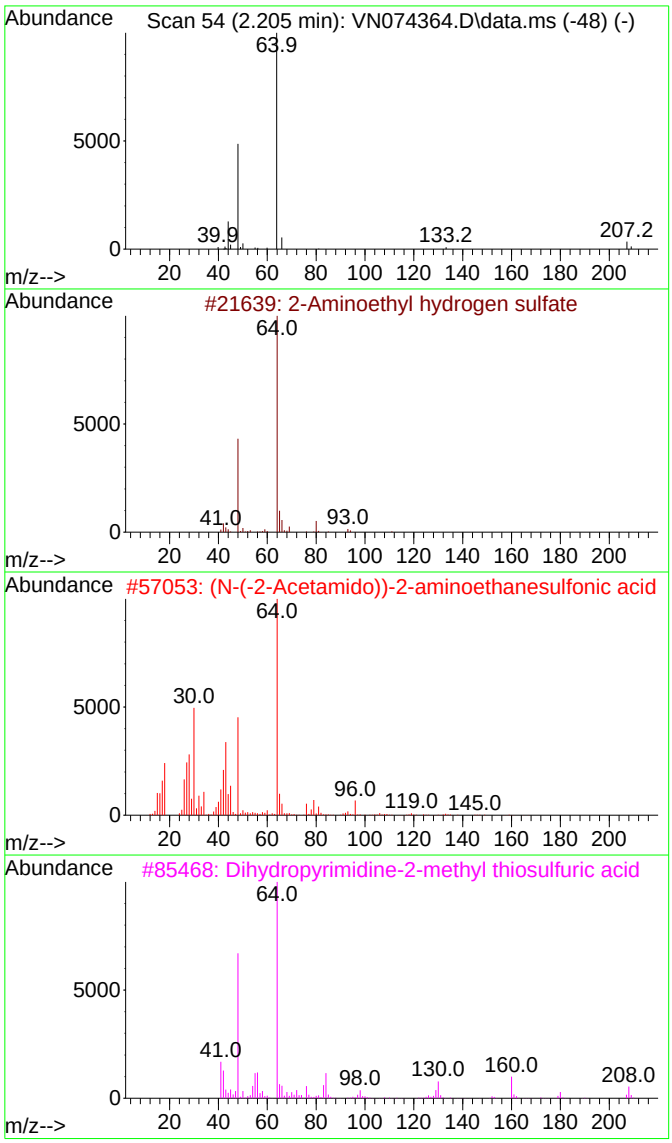
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

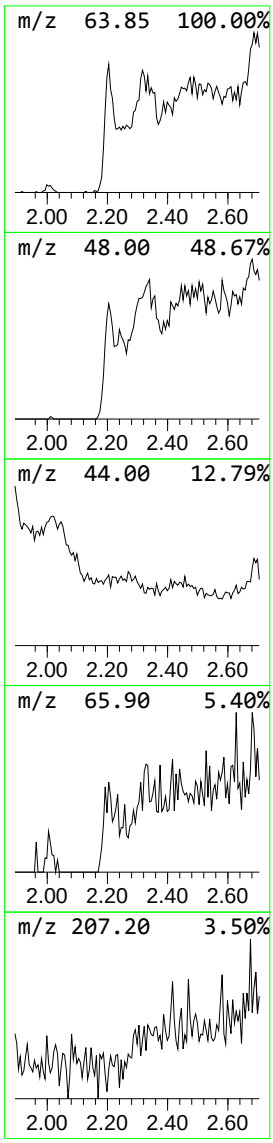
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Aminoethyl hydrogen sulfate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	7.16 ug/l	109387	Bromochloromethane	7.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
2	(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	64
3	Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	64
4	S-2-[4-Glutarimidobutylamino]eth...	324	C11H20N2O5S2	031701-78-7	64
5	Sulfur dioxide	64	O2S	007446-09-5	64





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-2-(17)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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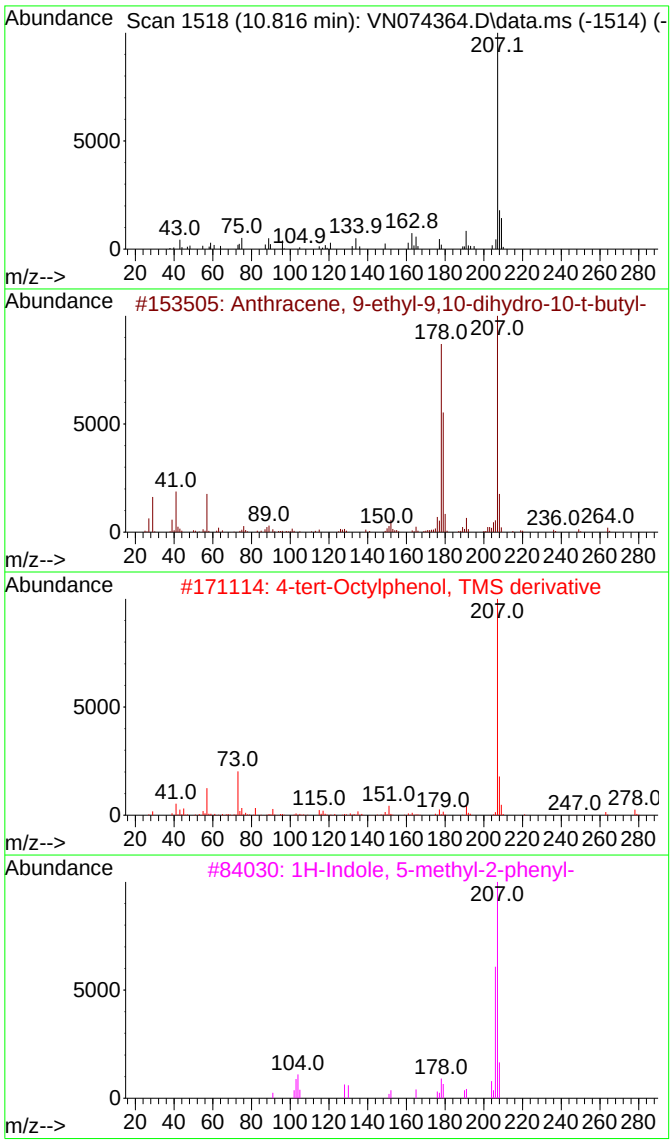
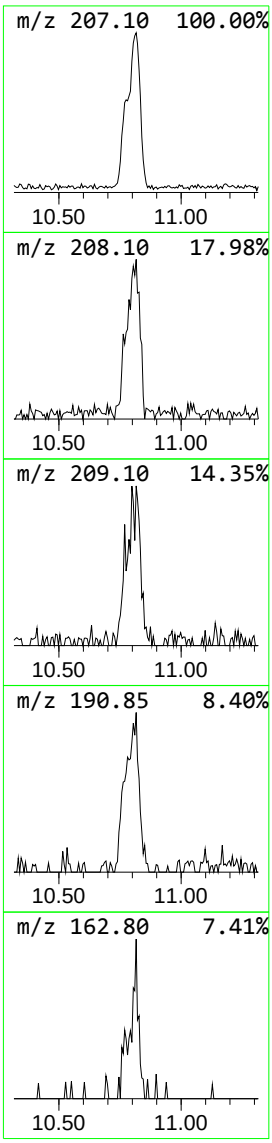
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 9-ethyl-9,10-di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	6.07 ug/l	194155	Chlorobenzene-d5	11.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethyl-9,10-dihydro...	264	C20H24	1000154-57-7	72
2	4-tert-Octylphenol, TMS derivative	278	C17H30OSi	078721-87-6	72
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	64
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	64
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	59





Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-dif...	2.005	7.1	ug/l	108658	1	7.587	458200	30.0
2-Aminoethyl hy...	2.205	7.2	ug/l	109387	1	7.587	458200	30.0
Anthracene, 9-e...	10.816	6.1	ug/l	194155	3	11.686	959124	30.0