LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085227.D
Acq On : 17 Dec 2024 16:21
Operator : JC\MD
Sample : P5313-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FMI109

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\82N112224W.M
Title : SW846 8260

Signal : TIC: VN085227.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.295	48	58	78	rBV2	31063	122492	14.25%	2.311%
2	4.424	411	420	440	rBV	79434	231498	26.94%	4.367%
3	7.430	921	931	939	rBV2	6508	17010	1.98%	0.321%
4	8.165	1045	1056	1061	rBV	128303	310758	36.16%	5.862%
5	8.224	1061	1066	1077	rVB	227668	495134	57.62%	9.340%
6	8.577	1117	1126	1137	rBV	134376	303259	35.29%	5.720%
7	9.100	1206	1215	1224	rBV	320014	647558	75.36%	12.215%
8	10.565	1456	1464	1478	rBV	466996	859301	100.00%	16.209%
9	11.865	1675	1685	1696	rBV	426329	735985	85.65%	13.883%
10	12.847	1844	1852	1863	rBV	336303	565707	65.83%	10.671%
11	13.306	1916	1930	1932	rBV5	5424	15423	1.79%	0.291%
12	13.641	1976	1987	1989	rBV3	5367	13076	1.52%	0.247%
13	13.670	1989	1992	2000	rVV5	5763	12495	1.45%	0.236%
14	13.788	2004	2012	2024	rBV	375837	636871	74.12%	12.013%
15	14.000	2032	2048	2058	rBV8	18144	68080	7.92%	1.284%
16	14.112	2066	2067	2080	rVB6	4682	9228	1.07%	0.174%
17	14.541	2134	2140	2153	rVB6	6238	20042	2.33%	0.378%
18	14.841	2184	2191	2193	rBV4	4750	9259	1.08%	0.175%
19	15.506	2291	2304	2316	rBV4	20977	80440	9.36%	1.517%
20	15.641	2318	2327	2336	rVB	56905	119324	13.89%	2.251%
21	16.782	2513	2521	2522	rBV	17664	28527	3.32%	0.538%

Sum of corrected areas: 5301467

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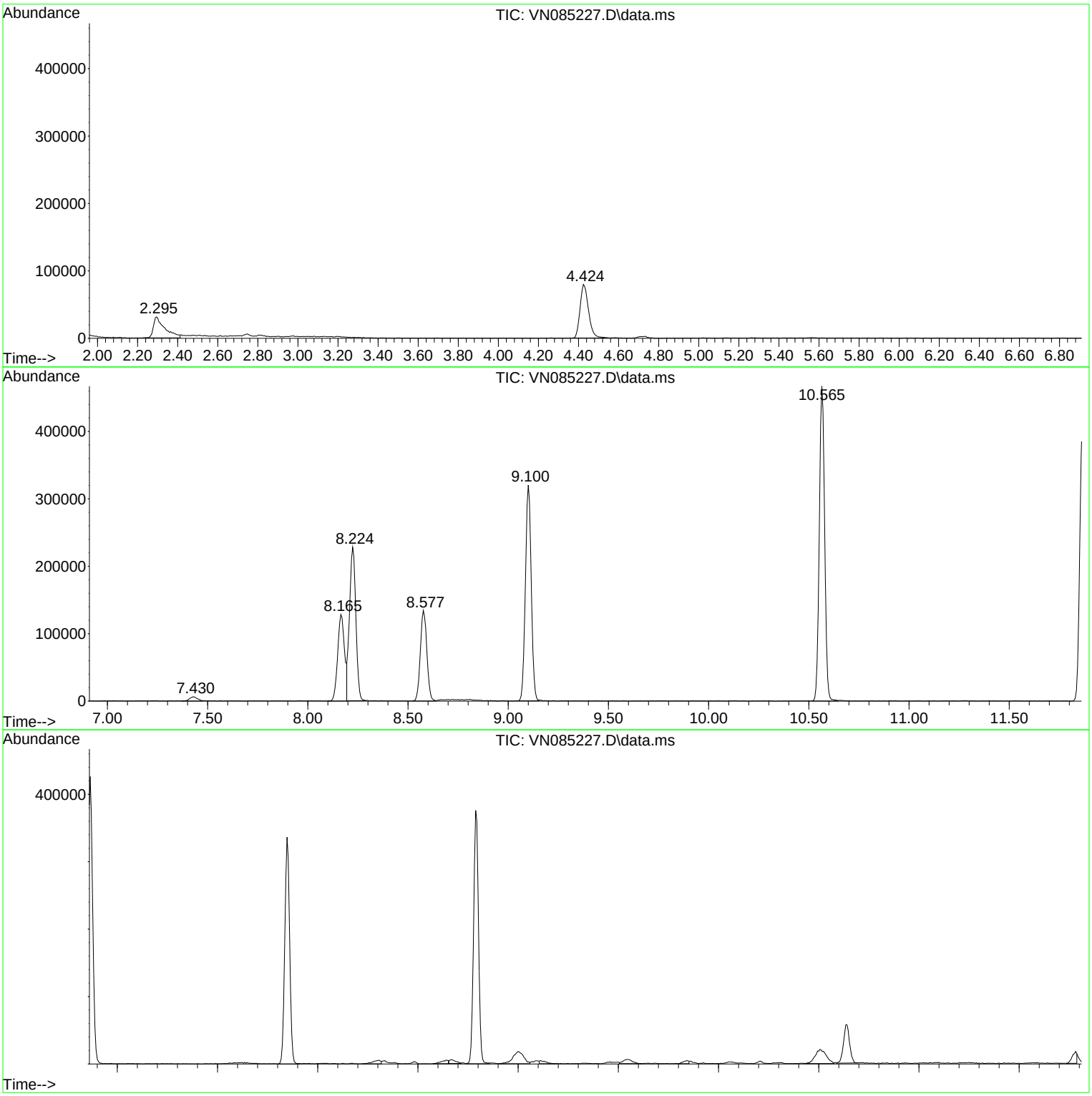
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

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



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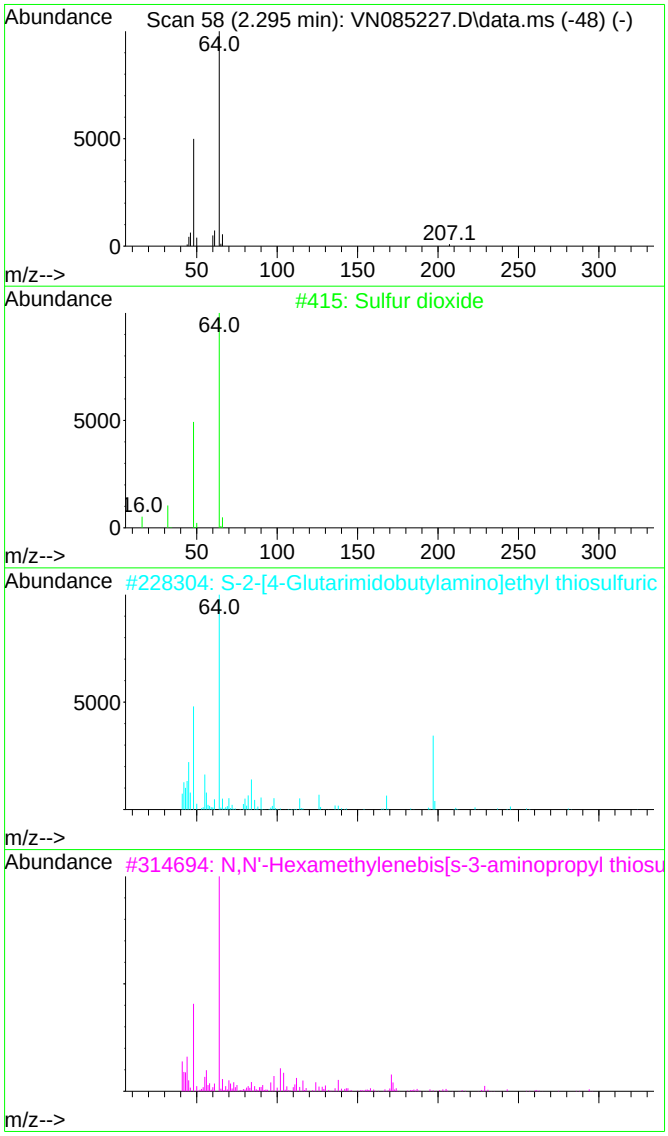
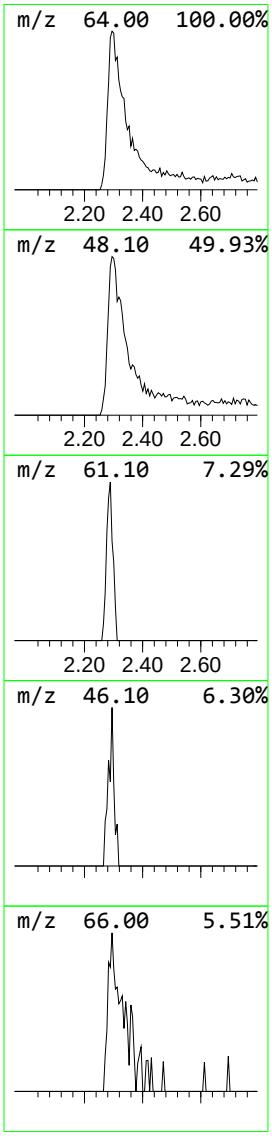
****
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.295	12.37 ug/l	122492	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	S-2-[4-Glutarimidobutylamino]eth...	324	C11H20N2O5S2	031701-78-7	74
3	N,N'-Hexamethylenebis[s-3-aminop...	424	C12H28N2O6S4	035871-55-7	64
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	2,4,6-Triamino-5-pyrimidinyl hyd...	221	C4H7N5O4S	071552-23-3	64





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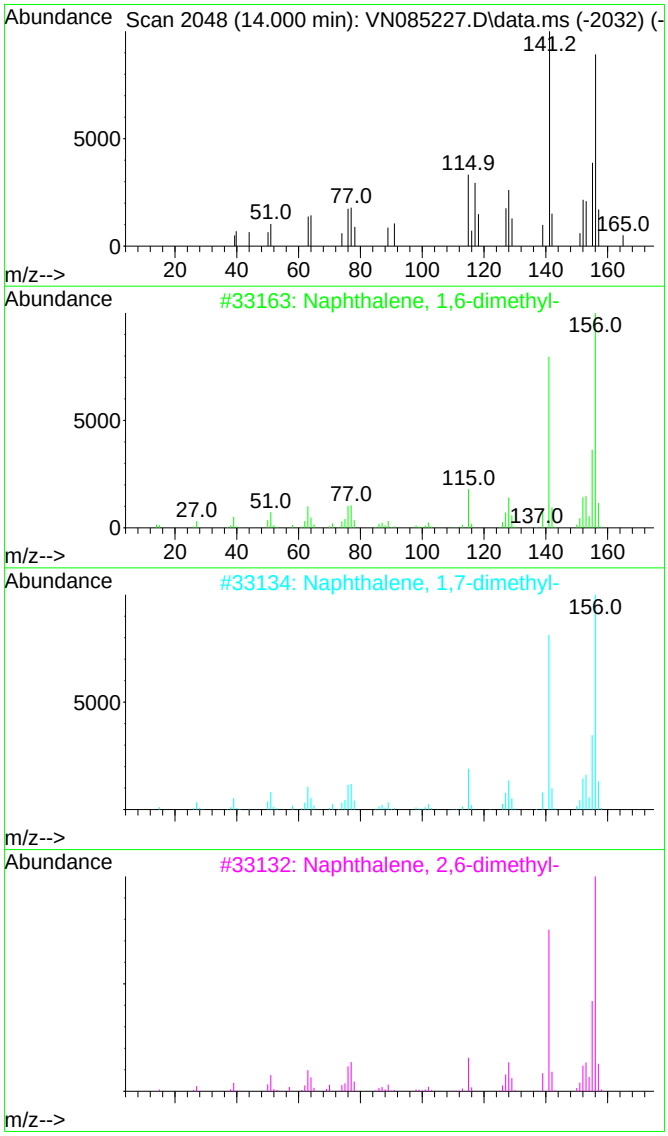
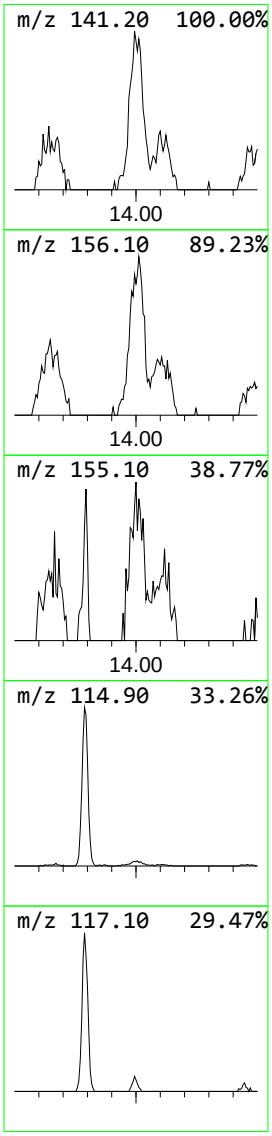
****
Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.000	5.34 ug/l	68080	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4	1,4-Dimethylazulene	156	C12H12	001127-69-1	83
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	81





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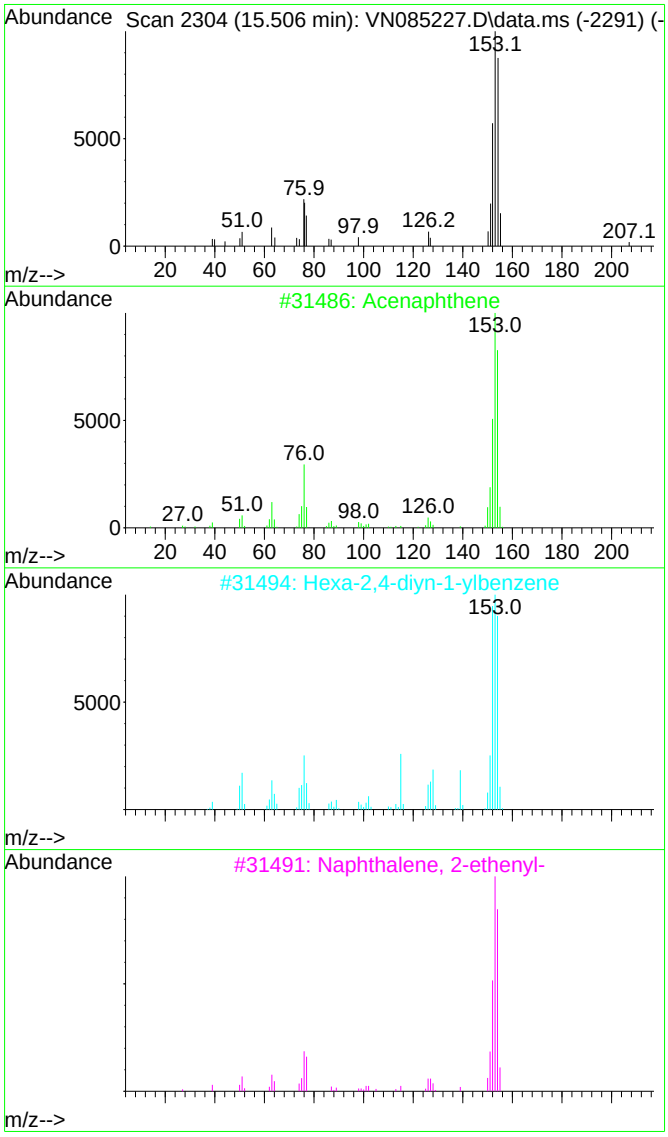
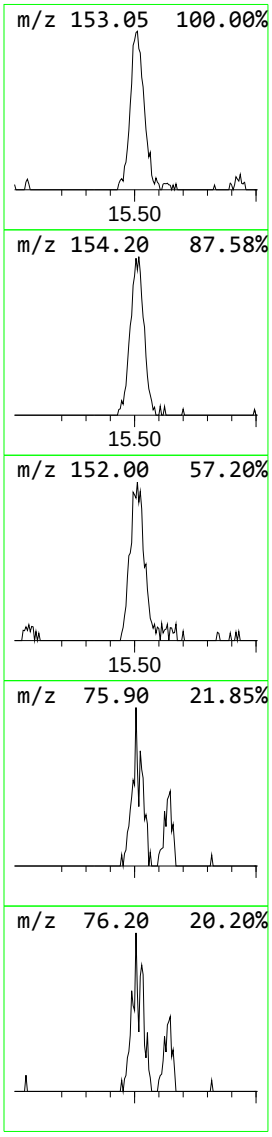
****
Peak Number 3 Acenaphthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.506	6.32 ug/l	80440	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	68
2	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	50
4	Thieno[2,3-b]thiophene,2-methyl-	154	C7H6S2	013393-75-4	47
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	42





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.295	12.4	ug/l	122492	1	8.224	495134	50.0
Naphthalene, 1,...	14.000	5.3	ug/l	68080	4	13.788	636871	50.0
Acenaphthene	15.506	6.3	ug/l	80440	4	13.788	636871	50.0