

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082872.D
 Acq On : 11 Jul 2024 13:31
 Operator : JC\MD
 Sample : P3187-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Jul 12 01:06:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

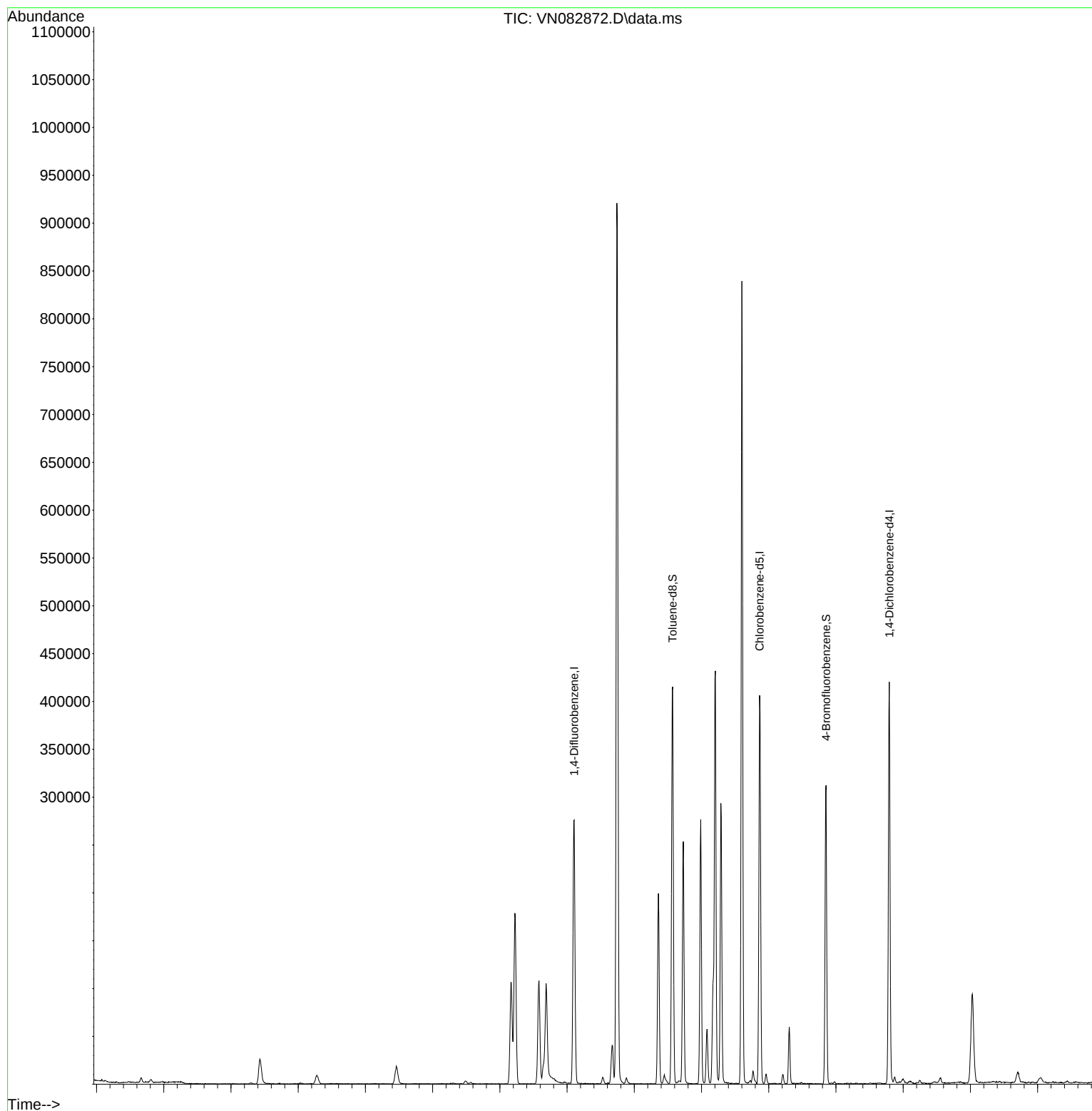
Internal Standards						
1) Pentafluorobenzene	8.224	168	126796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	237804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	90986	51.190	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.380%		
35) Dibromofluoromethane	8.165	113	75692	49.604	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.200%		
50) Toluene-d8	10.571	98	284309	50.445	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.900%		
62) 4-Bromofluorobenzene	12.853	95	104701	51.717	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 103.440%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	51393	82.126	ug/l	97
20) Methylene Chloride	5.283	84	7201	4.765	ug/l #	71
25) 2-Butanone	7.482	43	5361	5.674	ug/l #	85
43) Isopropyl Acetate	8.688	43	145194	35.064	ug/l #	87

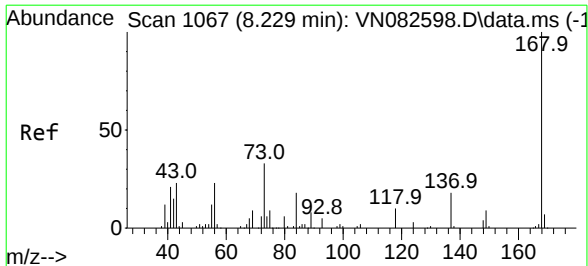
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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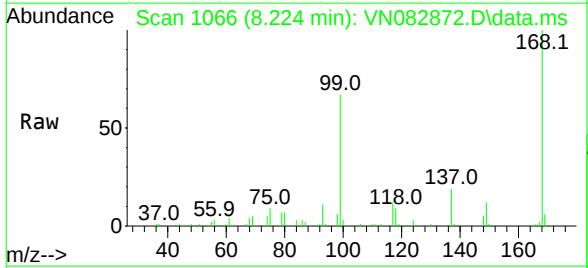
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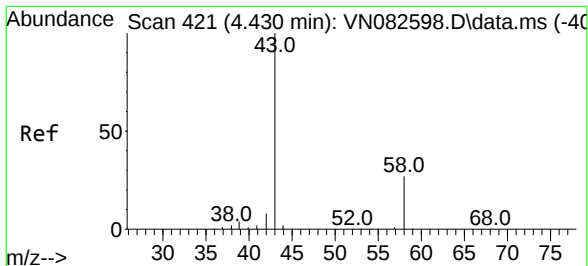
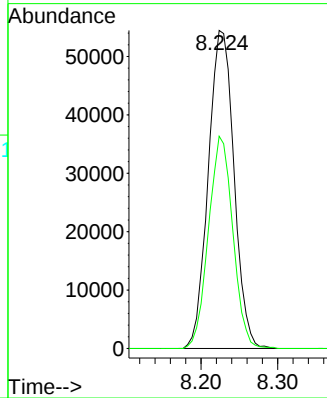
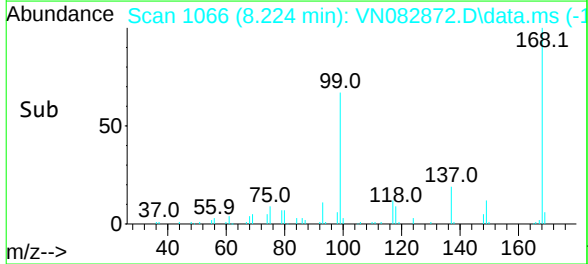


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082872.D
Acq: 11 Jul 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :
WC-1

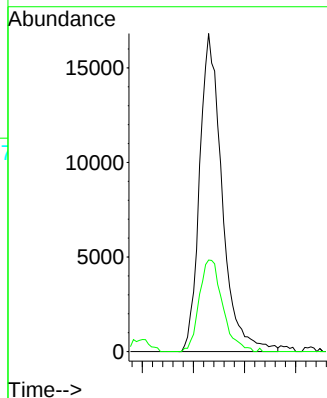
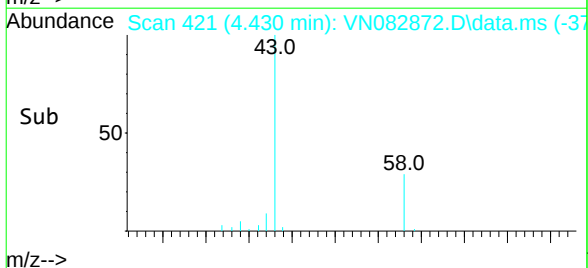
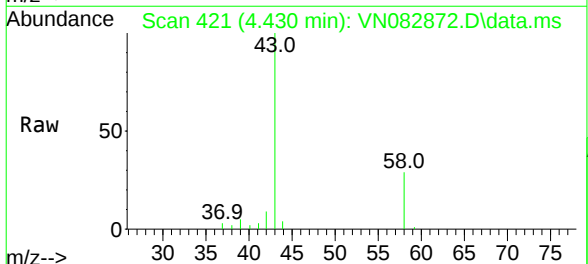


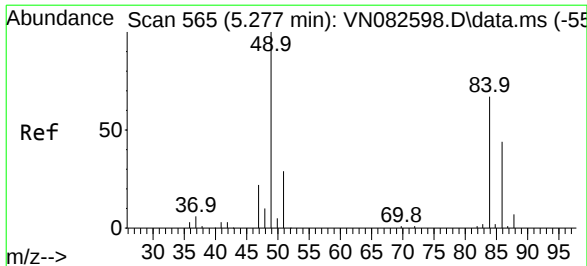
Tgt Ion: 168 Resp: 126796
Ion Ratio Lower Upper
168 100
99 66.7 48.2 72.4



#16
Acetone
Concen: 82.126 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082872.D
Acq: 11 Jul 2024 13:31

Tgt Ion: 43 Resp: 51393
Ion Ratio Lower Upper
43 100
58 28.8 21.8 32.6





#20

Methylene Chloride

Concen: 4.765 ug/l

RT: 5.283 min Scan# 56

Delta R.T. 0.006 min

Lab File: VN082872.D

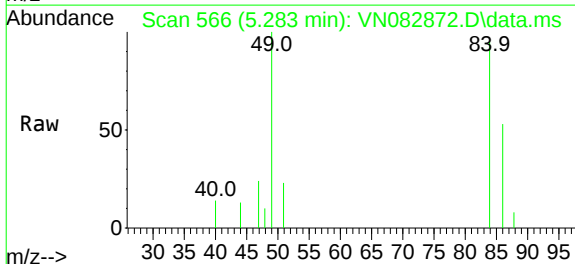
Acq: 11 Jul 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

WC-1



Tgt Ion: 84 Resp: 7201

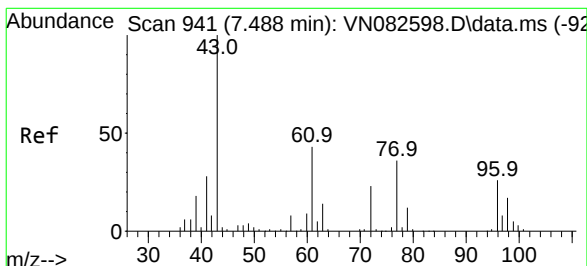
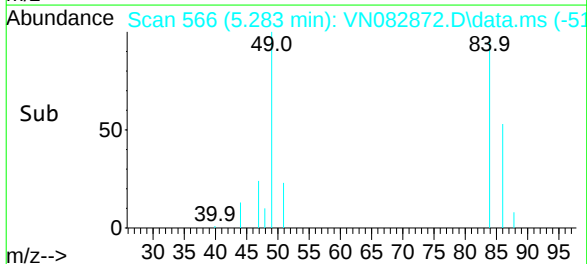
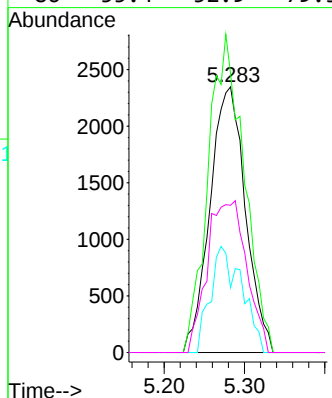
Ion Ratio Lower Upper

84 100

49 105.0 119.6 179.4#

51 24.4 34.8 52.2#

86 55.4 52.9 79.3



#25

2-Butanone

Concen: 5.674 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN082872.D

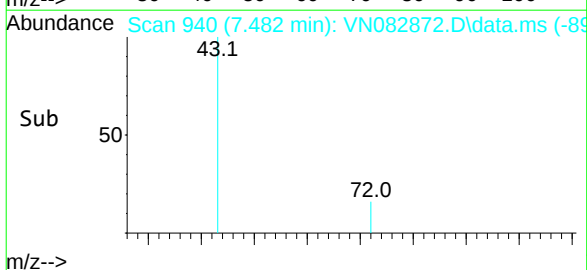
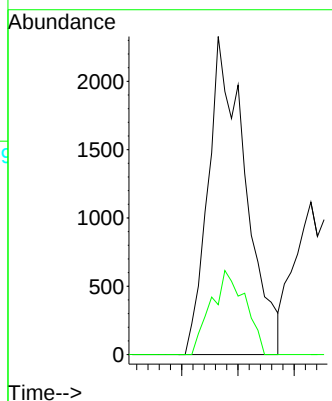
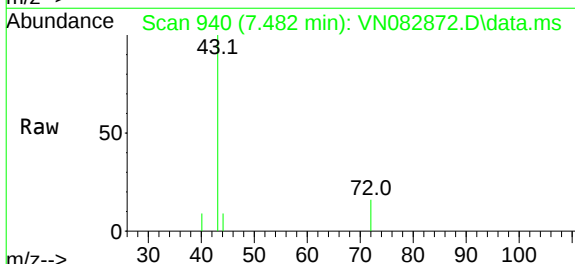
Acq: 11 Jul 2024 13:31

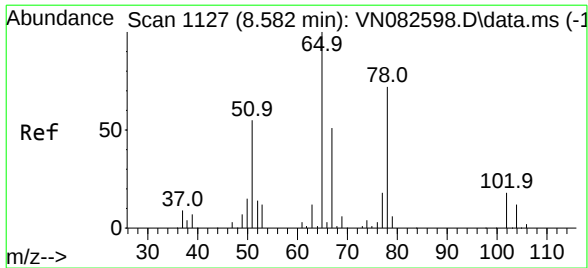
Tgt Ion: 43 Resp: 5361

Ion Ratio Lower Upper

43 100

72 15.7 18.2 27.2#

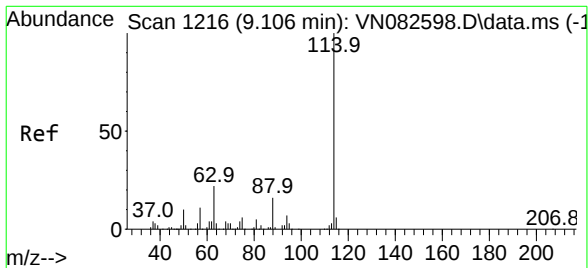
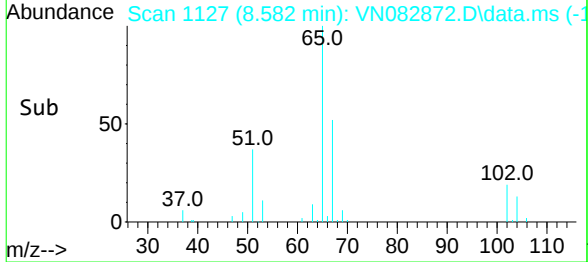
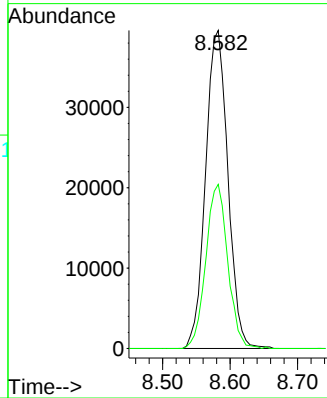
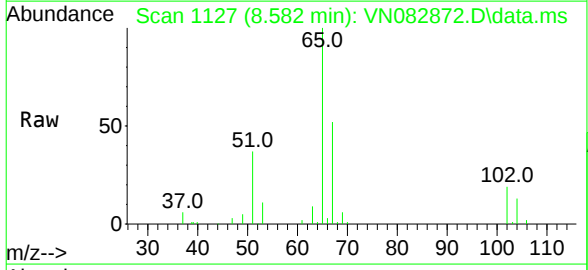




#33
 1,2-Dichloroethane-d4
 Concen: 51.190 ug/l
 RT: 8.582 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: VN082872.D
 Acq: 11 Jul 2024 13:31

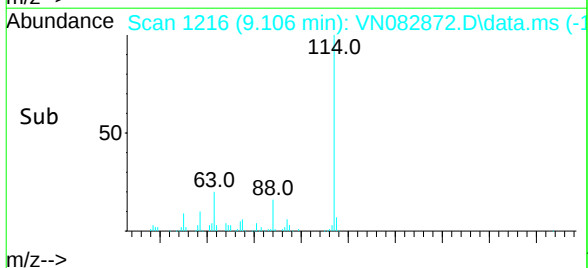
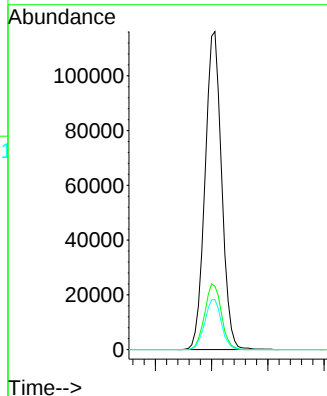
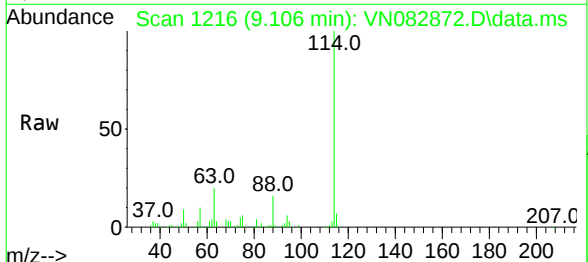
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

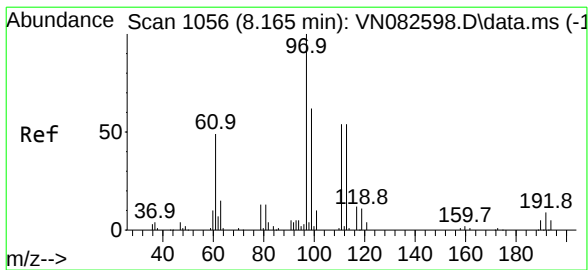
Tgt Ion: 65 Resp: 90986
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082872.D
 Acq: 11 Jul 2024 13:31

Tgt Ion: 114 Resp: 237804
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.6
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.604 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082872.D

Acq: 11 Jul 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

WC-1

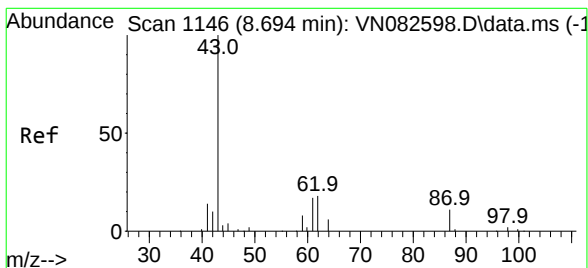
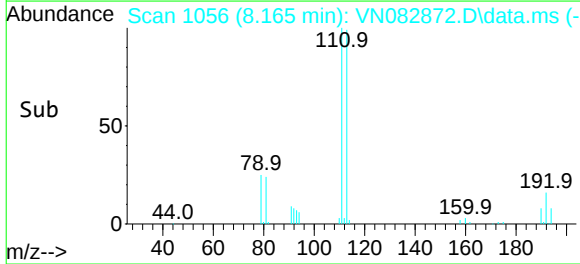
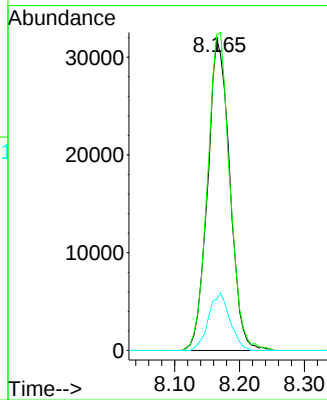
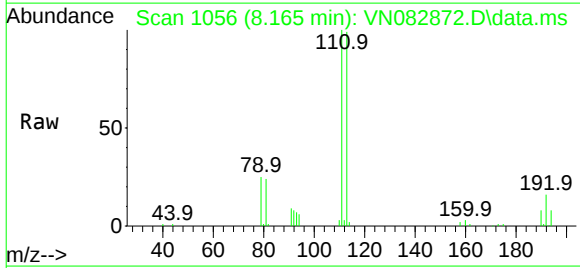
Tgt Ion:113 Resp: 75692

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.8 14.9 22.3



#43

Isopropyl Acetate

Concen: 35.064 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082872.D

Acq: 11 Jul 2024 13:31

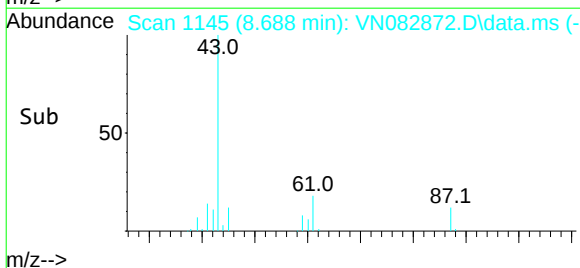
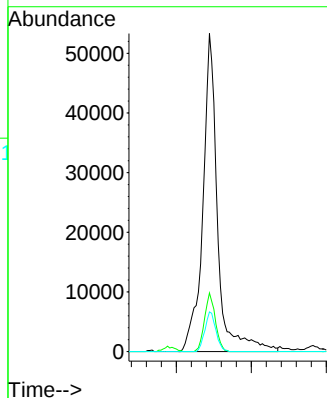
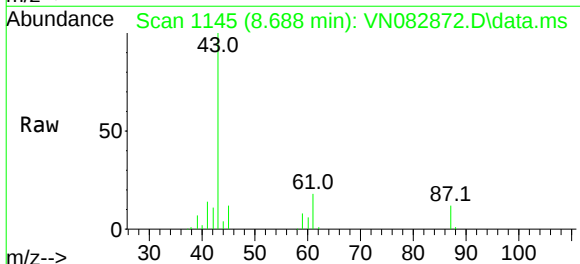
Tgt Ion: 43 Resp: 145194

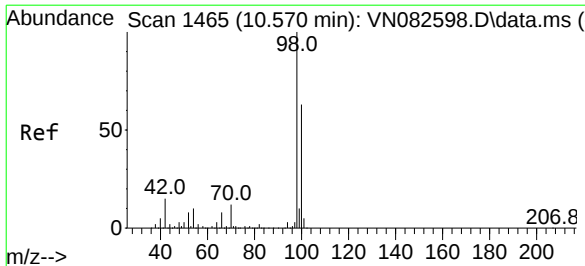
Ion Ratio Lower Upper

43 100

61 13.6 17.8 26.6

87 9.4 8.2 12.2





#50

Toluene-d8

Concen: 50.445 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.001 min

Lab File: VN082872.D

Acq: 11 Jul 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

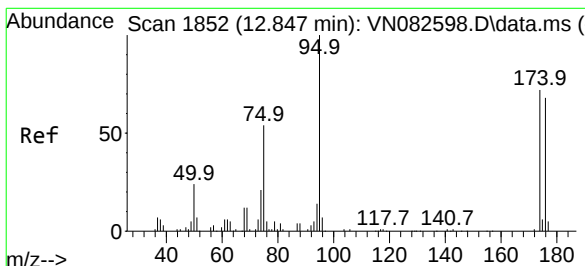
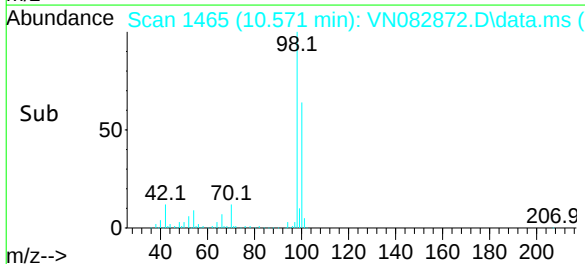
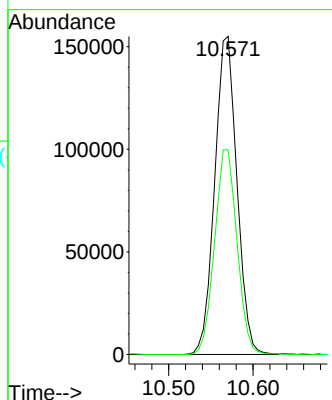
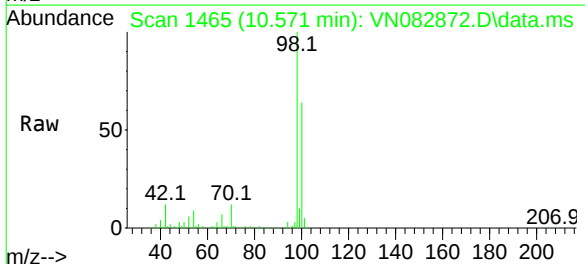
WC-1

Tgt Ion: 98 Resp: 284309

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 51.717 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082872.D

Acq: 11 Jul 2024 13:31

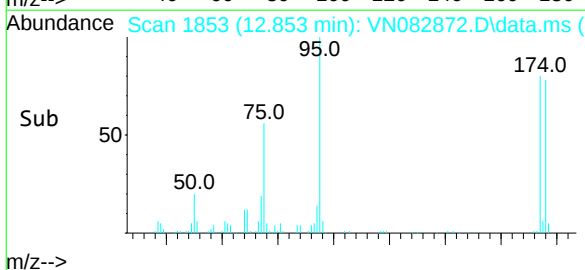
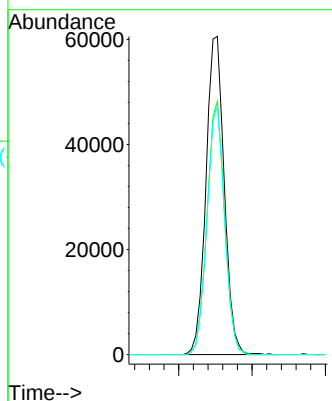
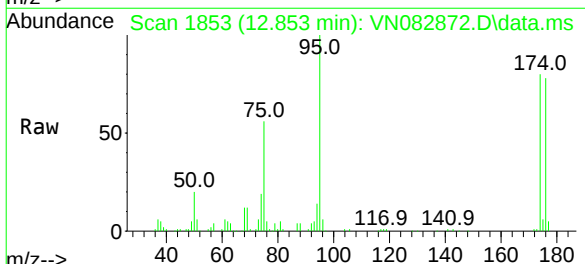
Tgt Ion: 95 Resp: 104701

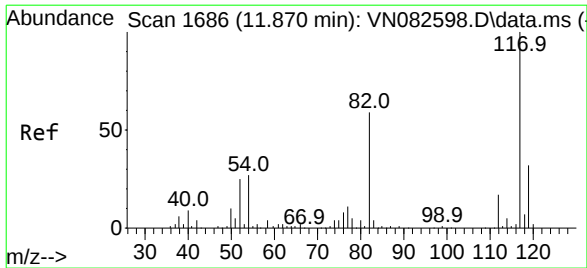
Ion Ratio Lower Upper

95 100

174 76.5 0.0 159.2

176 75.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.005 min

Lab File: VN082872.D

Acq: 11 Jul 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

WC-1

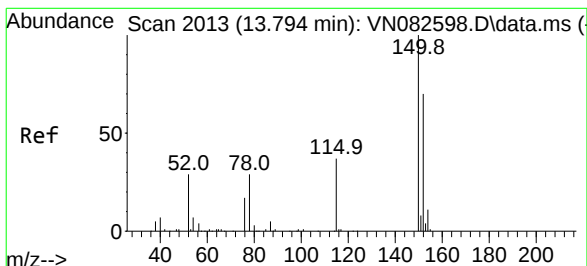
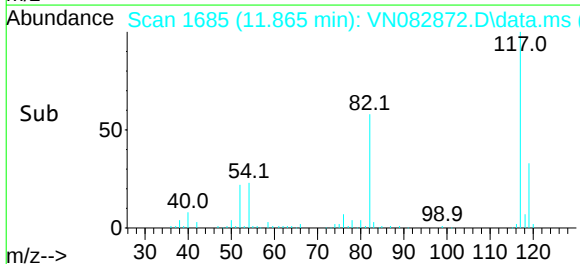
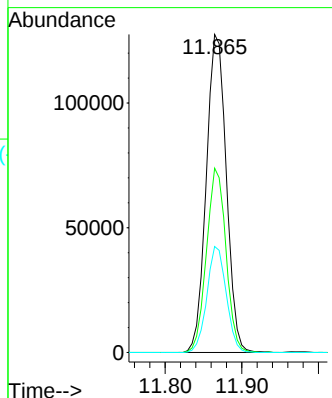
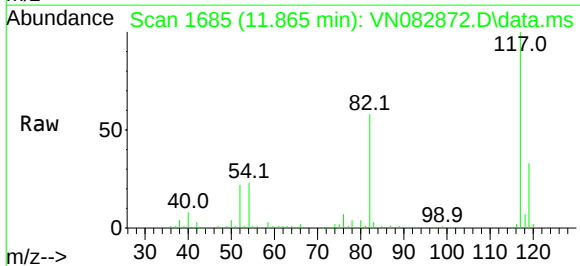
Tgt Ion:117 Resp: 231483

Ion Ratio Lower Upper

117 100

82 57.9 47.5 71.3

119 33.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082872.D

Acq: 11 Jul 2024 13:31

Tgt Ion:152 Resp: 107677

Ion Ratio Lower Upper

152 100

115 61.5 30.6 91.6

150 156.1 0.0 348.6

