

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084825.D
 Acq On : 13 Nov 2024 14:48
 Operator : JC\MD
 Sample : P4722-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2(0-6)

Quant Time: Nov 14 00:36:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

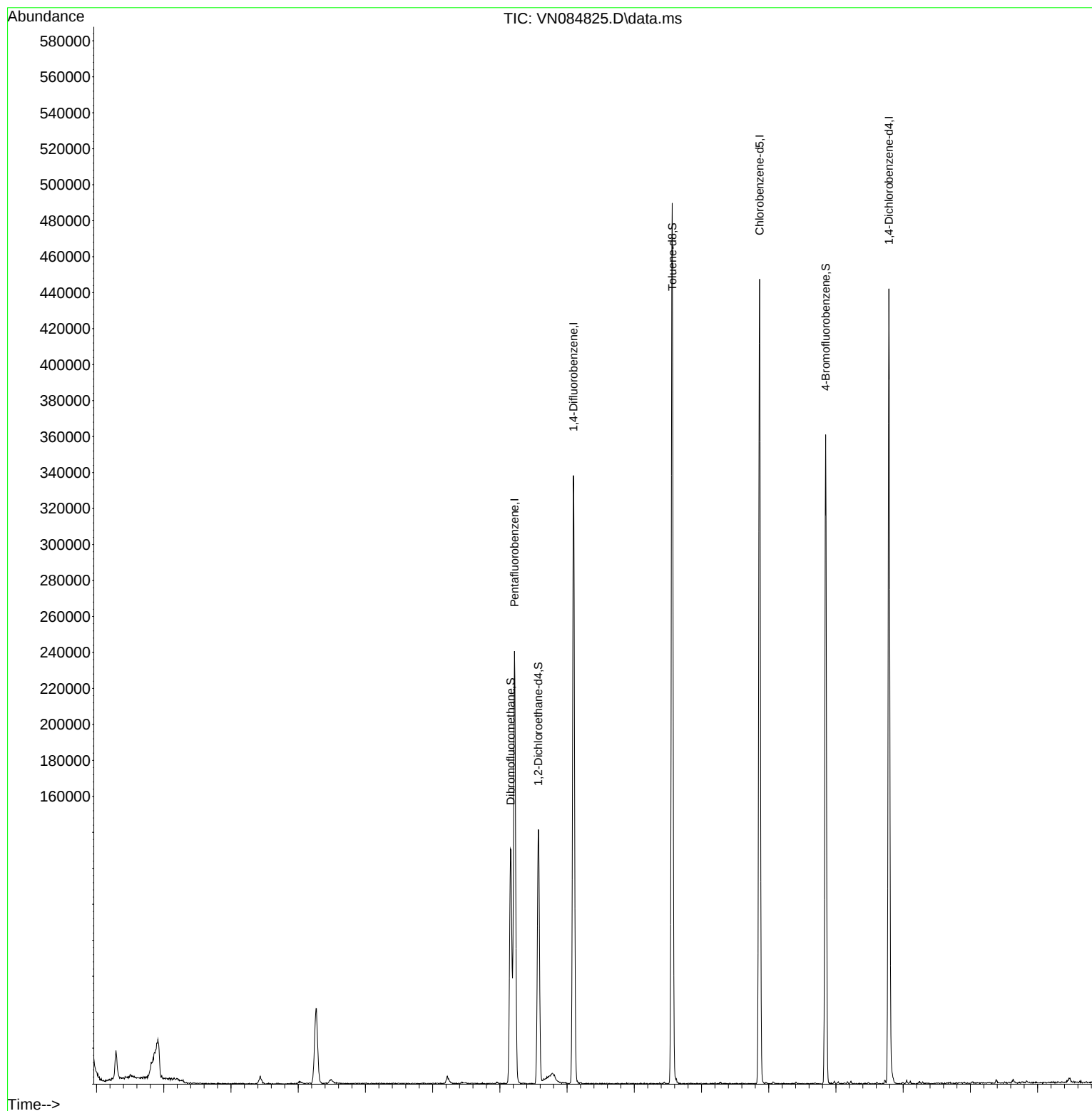
Internal Standards						
1) Pentafluorobenzene	8.218	168	172472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	295434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	119240	47.867	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.740%
35) Dibromofluoromethane	8.159	113	96824	48.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	10.565	98	337965	45.879	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.760%
62) 4-Bromofluorobenzene	12.847	95	127349	46.257	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.520%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	6357	6.051	ug/l	98
20) Methylene Chloride	5.265	84	33928	15.486	ug/l	94

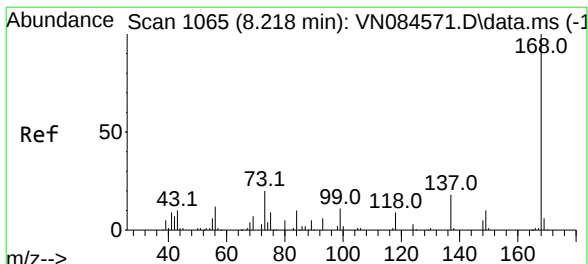
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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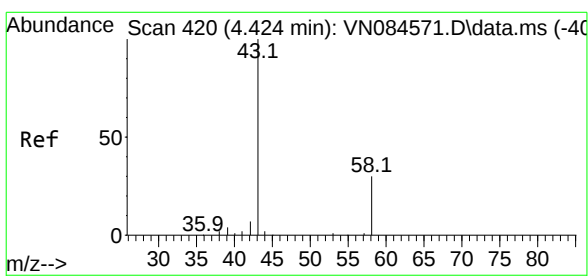
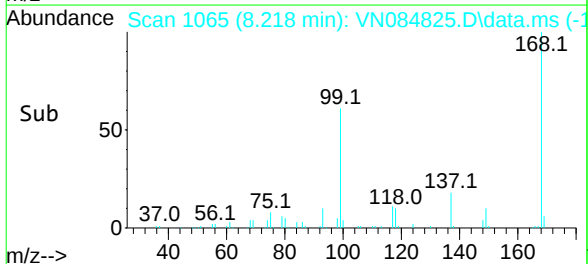
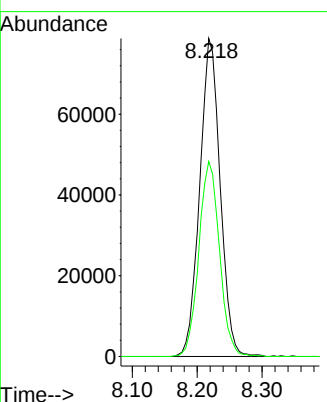
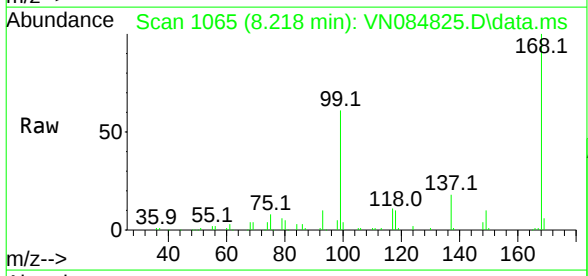




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084825.D
Acq: 13 Nov 2024 14:48

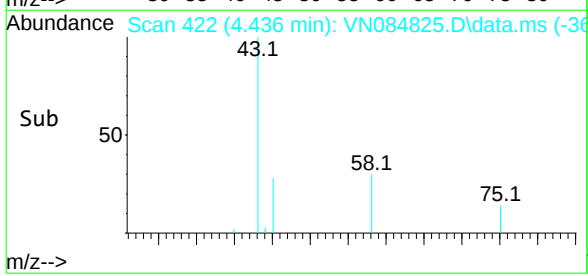
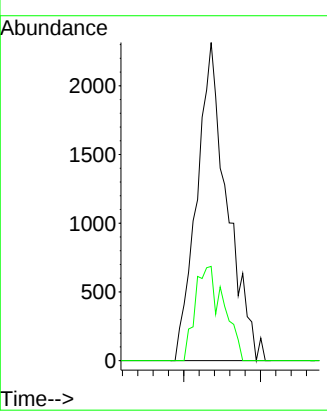
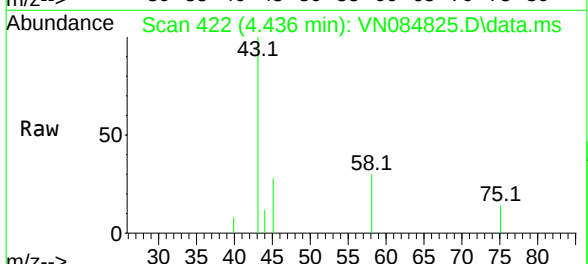
Instrument :
MSVOA_N
ClientSampleId :
WC-2(0-6)

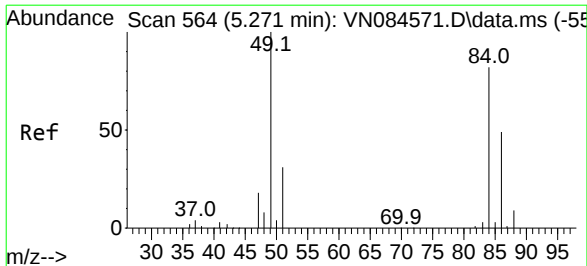
Tgt Ion:168 Resp: 172472
Ion Ratio Lower Upper
168 100
99 61.3 54.2 81.2



#16
Acetone
Concen: 6.051 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084825.D
Acq: 13 Nov 2024 14:48

Tgt Ion: 43 Resp: 6357
Ion Ratio Lower Upper
43 100
58 29.6 24.4 36.6





#20

Methylene Chloride

Concen: 15.486 ug/l

RT: 5.265 min Scan# 56

Delta R.T. -0.012 min

Lab File: VN084825.D

Acq: 13 Nov 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

WC-2(0-6)

Tgt Ion: 84 Resp: 33928

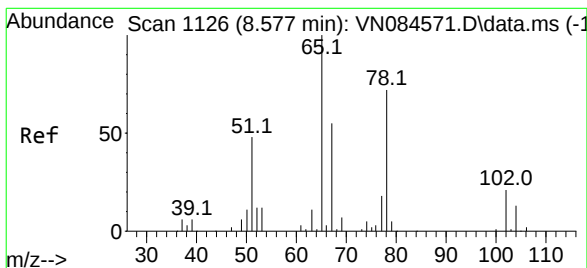
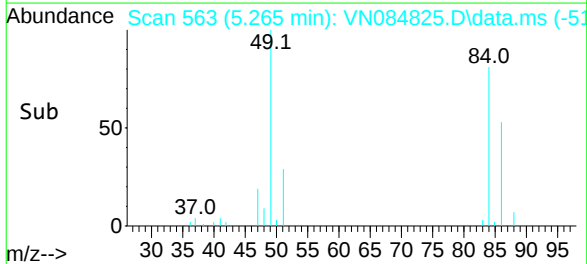
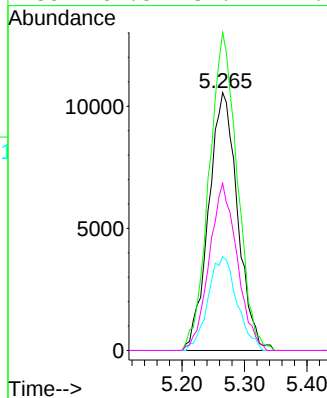
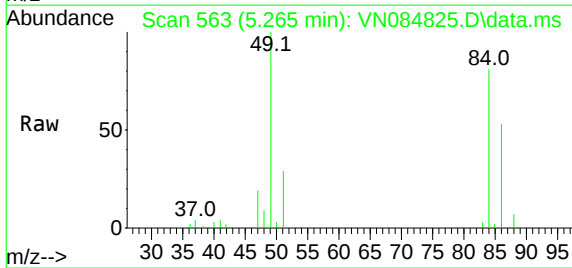
Ion Ratio Lower Upper

84 100

49 123.3 107.2 160.8

51 36.4 31.8 47.8

86 64.8 52.9 79.3



#33

1,2-Dichloroethane-d4

Concen: 47.867 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN084825.D

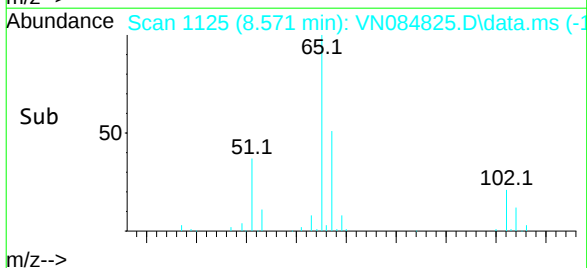
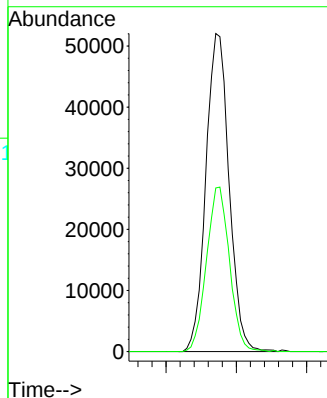
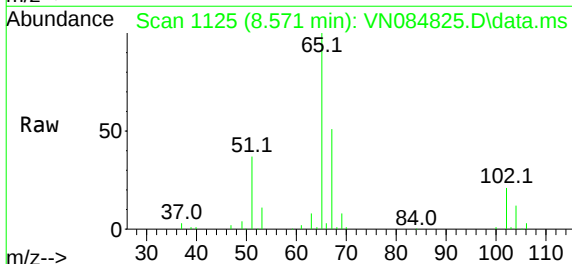
Acq: 13 Nov 2024 14:48

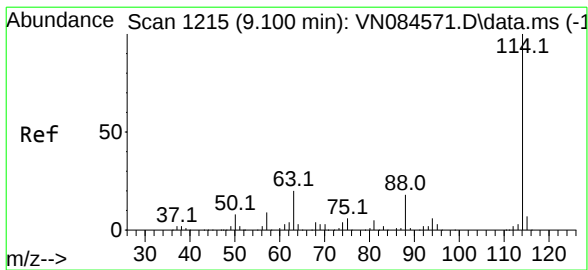
Tgt Ion: 65 Resp: 119240

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 12

Delta R.T. -0.006 min

Lab File: VN084825.D

Acq: 13 Nov 2024 14:48

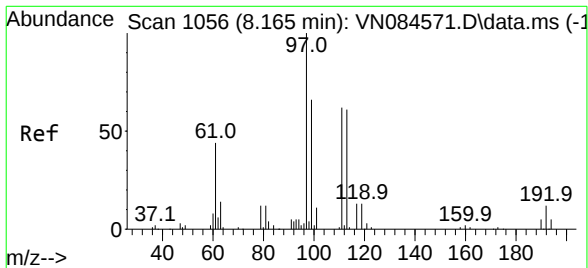
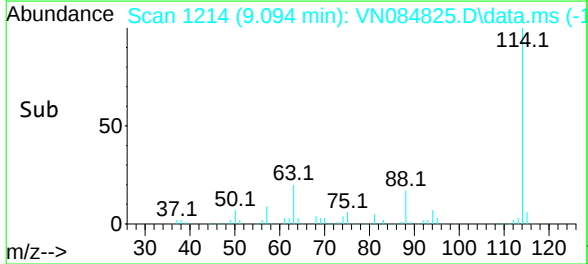
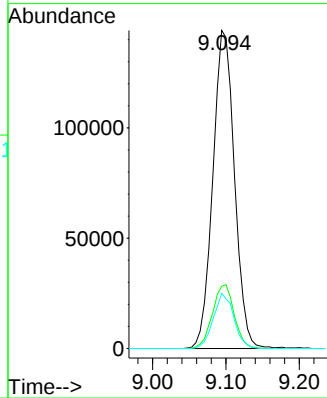
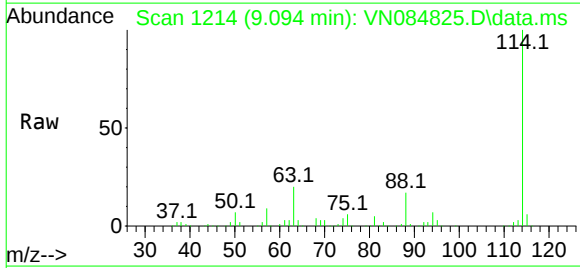
Instrument :

MSVOA_N

ClientSampleId :

WC-2(0-6)

Tgt Ion:	114	Resp:	295434
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	43.8
88	17.3	0.0	31.6



#35

Dibromofluoromethane

Concen: 48.418 ug/l

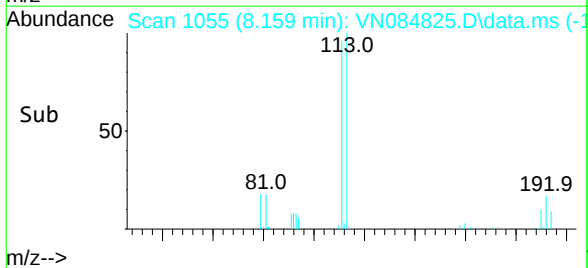
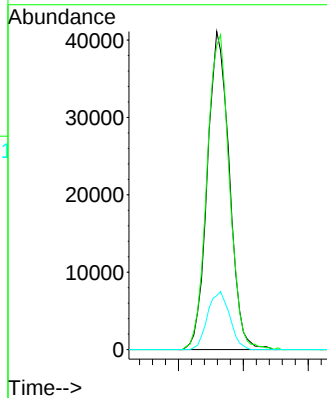
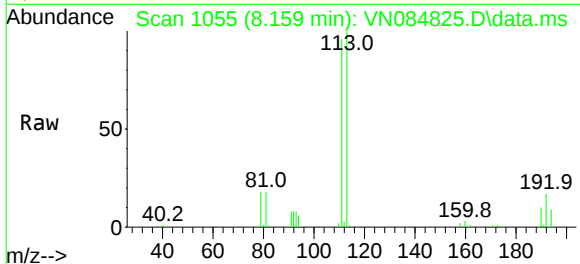
RT: 8.159 min Scan# 1055

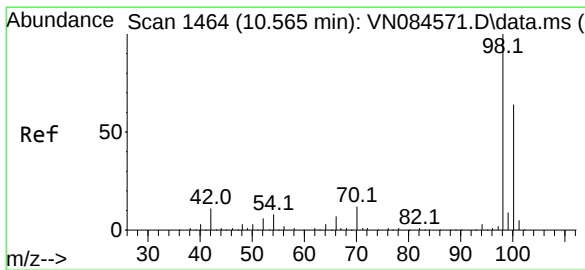
Delta R.T. -0.006 min

Lab File: VN084825.D

Acq: 13 Nov 2024 14:48

Tgt Ion:	113	Resp:	96824
Ion Ratio	Lower	Upper	
113	100		
111	101.1	83.3	124.9
192	18.3	13.5	20.3





#50

Toluene-d8

Concen: 45.879 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084825.D

Acq: 13 Nov 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

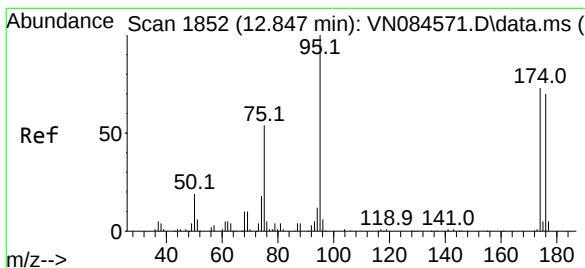
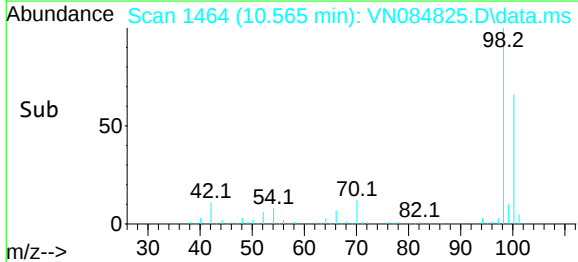
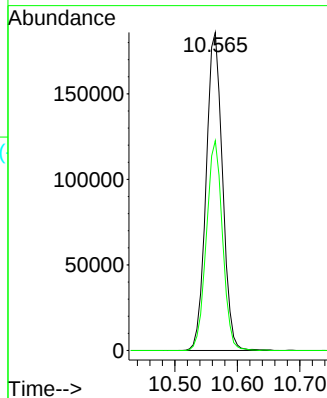
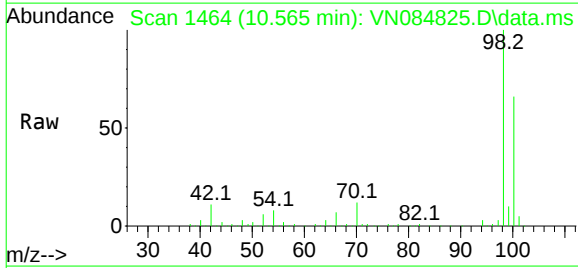
WC-2(0-6)

Tgt Ion: 98 Resp: 337965

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.257 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084825.D

Acq: 13 Nov 2024 14:48

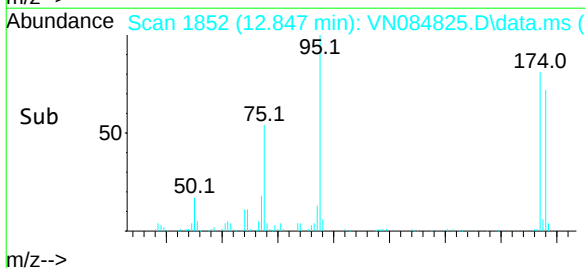
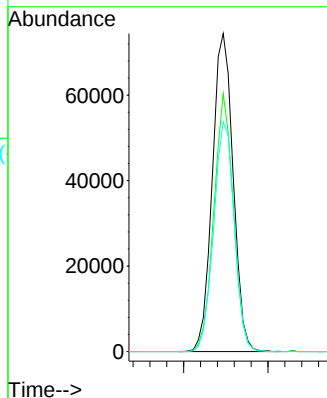
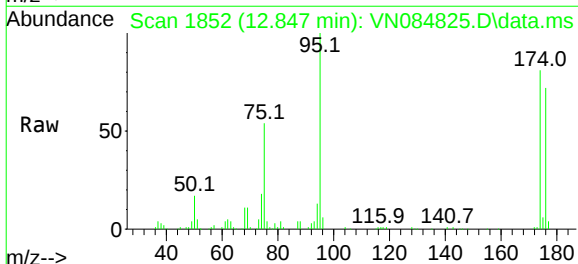
Tgt Ion: 95 Resp: 127349

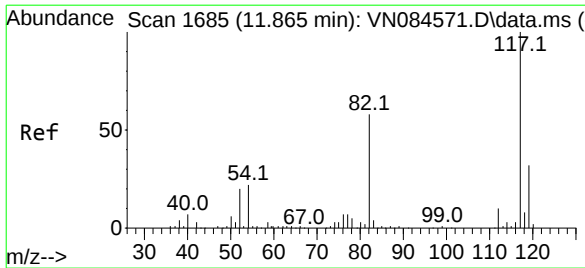
Ion Ratio Lower Upper

95 100

174 76.2 0.0 145.2

176 71.7 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN084825.D

Acq: 13 Nov 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

WC-2(0-6)

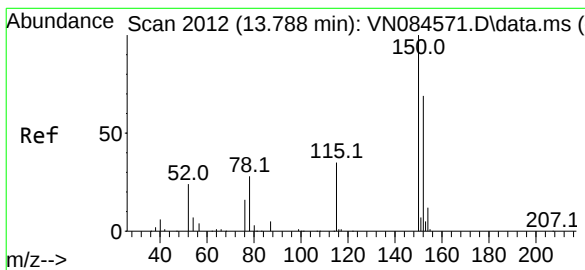
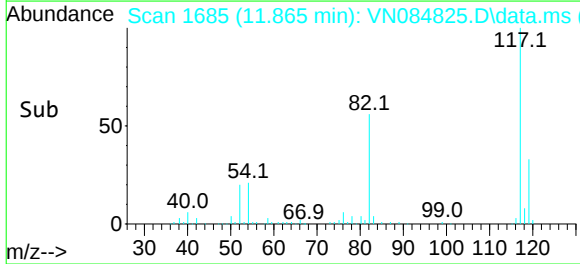
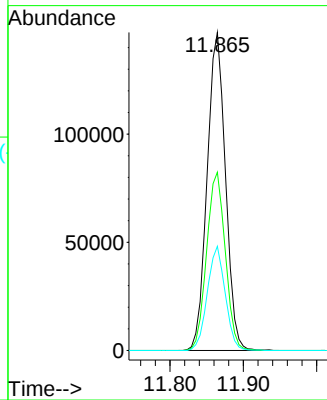
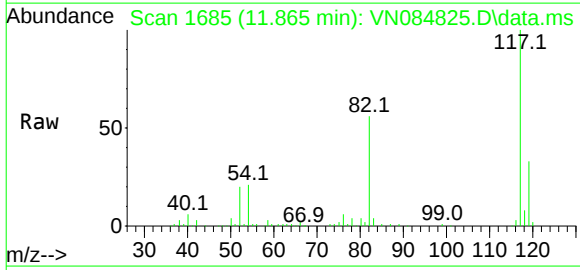
Tgt Ion:117 Resp: 255475

Ion Ratio Lower Upper

117 100

82 56.1 47.2 70.8

119 32.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084825.D

Acq: 13 Nov 2024 14:48

Tgt Ion:152 Resp: 118407

Ion Ratio Lower Upper

152 100

115 63.7 31.3 93.9

150 155.0 0.0 349.8

