

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084292.D
 Acq On : 03 Oct 2024 12:40
 Operator : JC\MD
 Sample : P4226-29
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Oct 04 01:33:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	159555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89389	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117943	49.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.720%
35) Dibromofluoromethane	8.165	113	91493	50.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.180%
50) Toluene-d8	10.565	98	330675	49.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.847	95	107726	43.999	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.000%

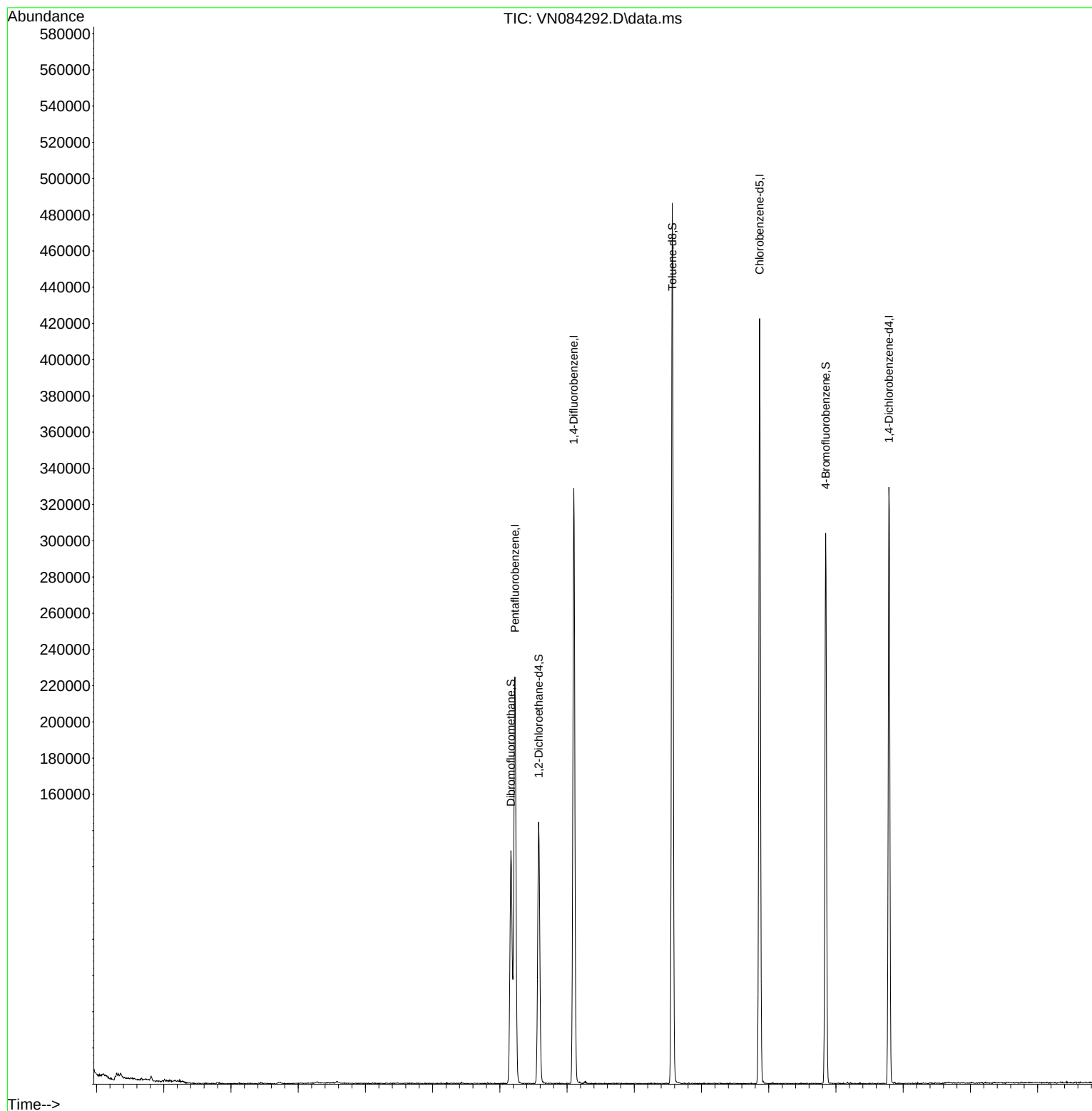
Target Compounds	Qvalue

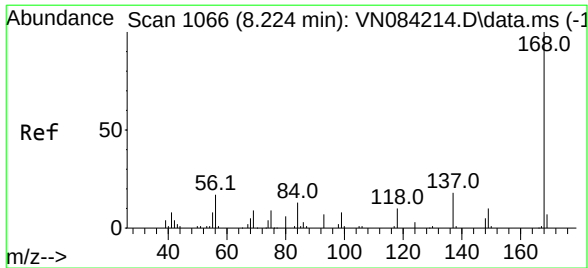
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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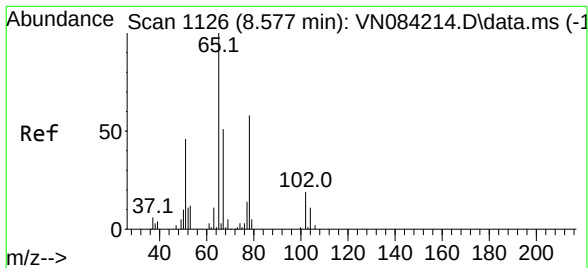
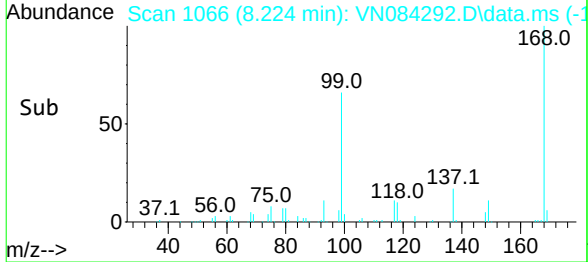
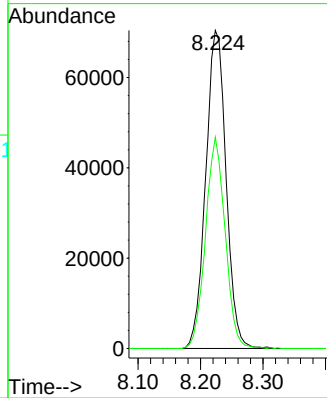
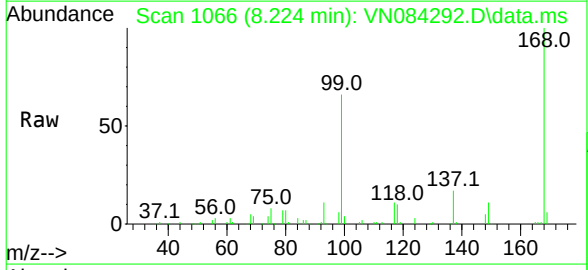




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084292.D
Acq: 03 Oct 2024 12:40

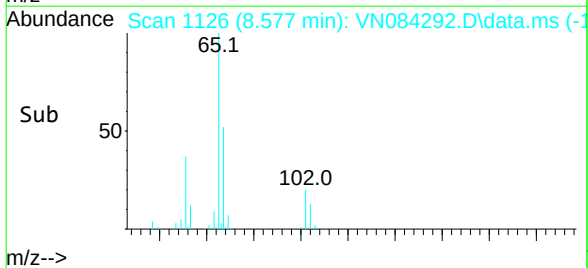
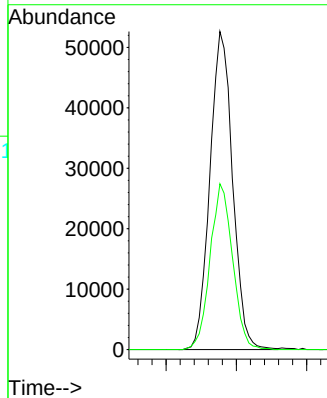
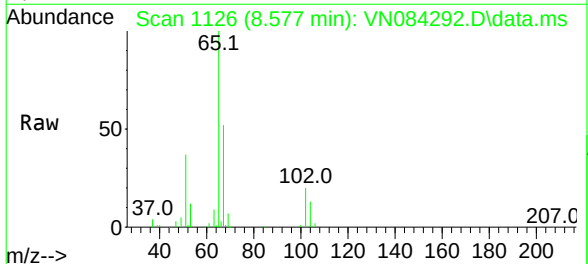
Instrument :
MSVOA_N
ClientSampleId :
TB

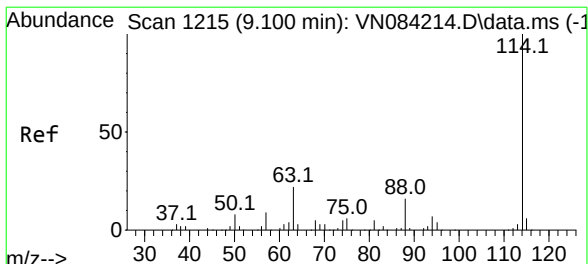
Tgt Ion: 168 Resp: 159555
Ion Ratio Lower Upper
168 100
99 66.4 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.855 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084292.D
Acq: 03 Oct 2024 12:40

Tgt Ion: 65 Resp: 117943
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

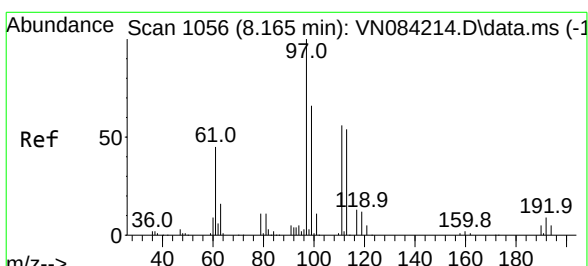
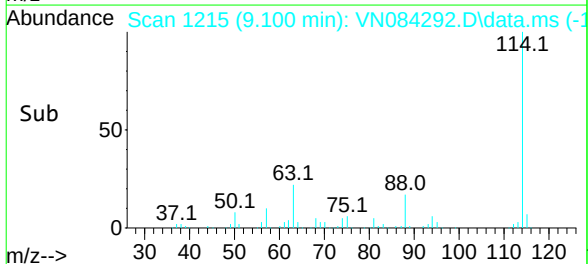
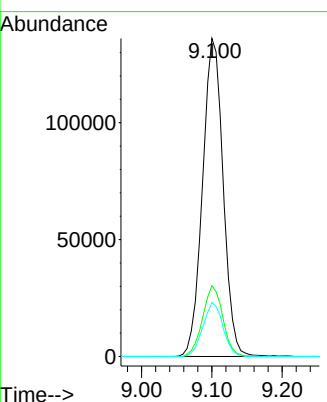
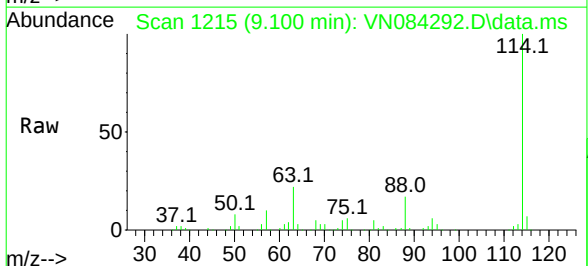




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VN084292.D
 Acq: 03 Oct 2024 12:40

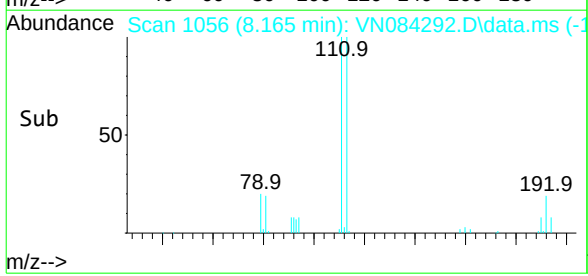
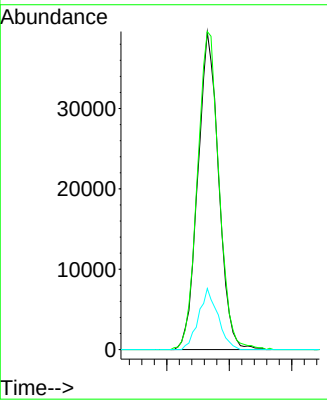
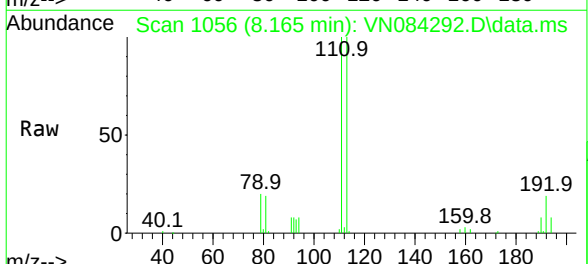
Instrument :
 MSVOA_N
 ClientSampleId :
 TB

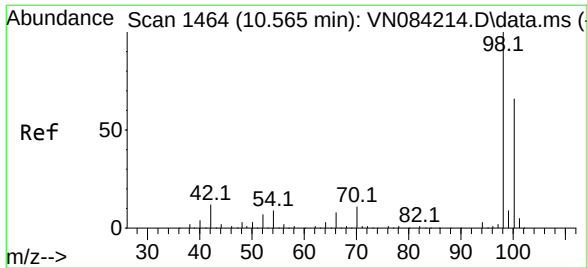
Tgt Ion:	114	Resp:	277081
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.8
88	17.0	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 50.087 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084292.D
 Acq: 03 Oct 2024 12:40

Tgt Ion:	113	Resp:	91493
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.3	124.9
192	17.8	13.5	20.3





#50

Toluene-d8

Concen: 49.203 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084292.D

Acq: 03 Oct 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

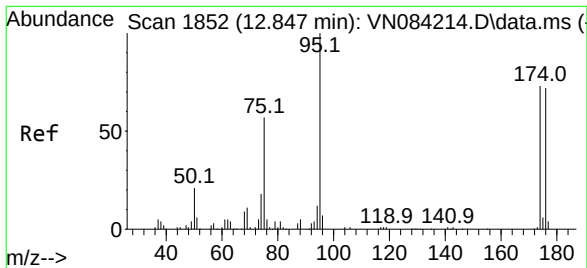
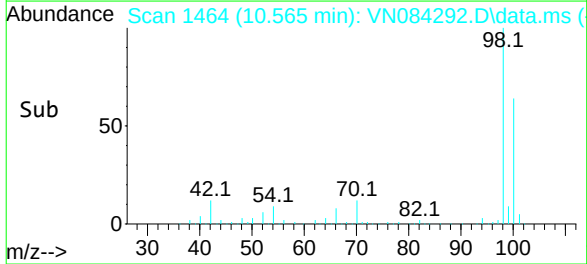
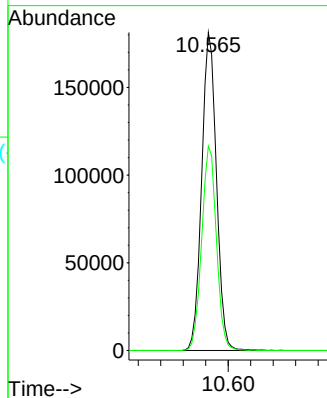
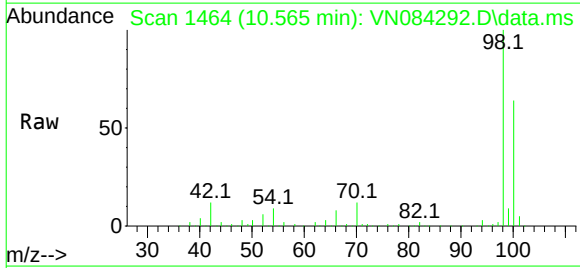
TB

Tgt Ion: 98 Resp: 330675

Ion Ratio Lower Upper

98 100

100 64.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 43.999 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084292.D

Acq: 03 Oct 2024 12:40

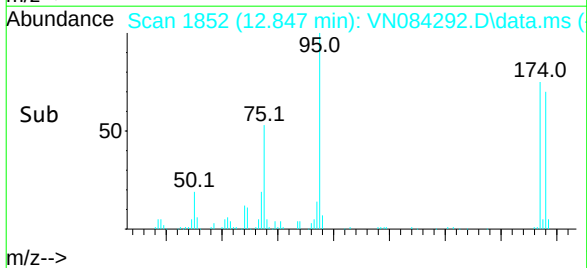
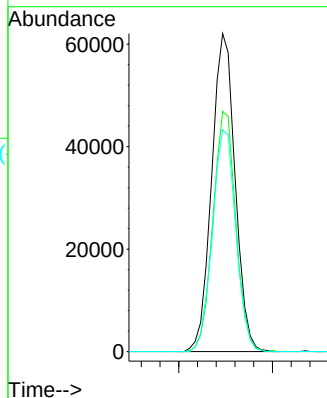
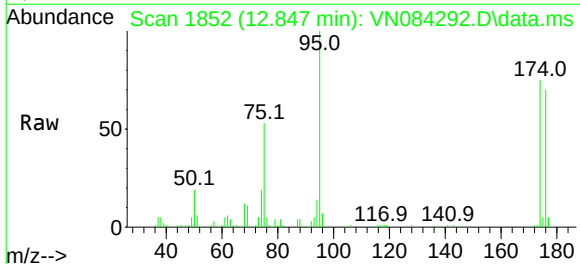
Tgt Ion: 95 Resp: 107726

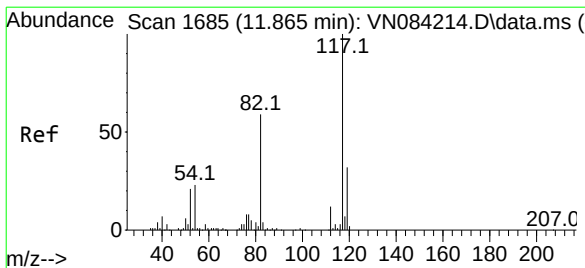
Ion Ratio Lower Upper

95 100

174 73.8 0.0 145.2

176 69.7 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: VN084292.D

Acq: 03 Oct 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

TB

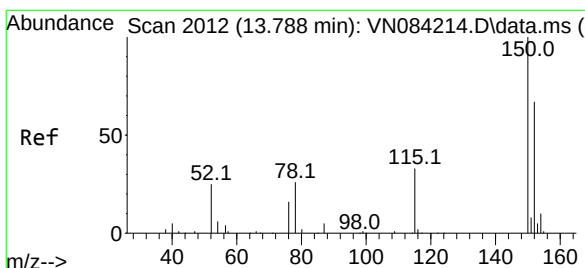
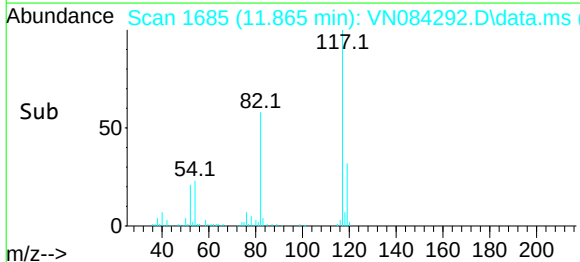
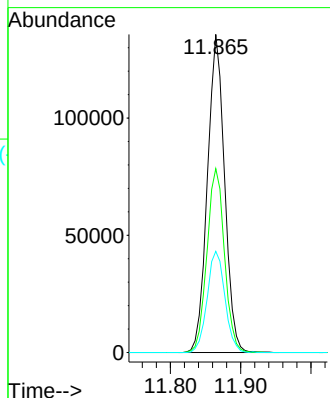
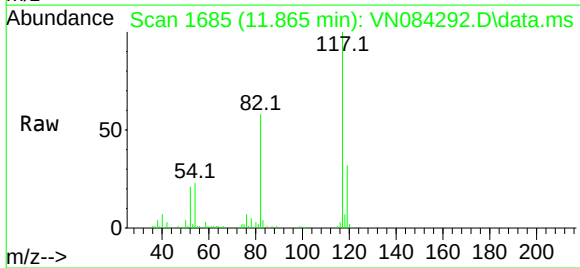
Tgt Ion:117 Resp: 230244

Ion Ratio Lower Upper

117 100

82 57.8 47.2 70.8

119 31.8 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: VN084292.D

Acq: 03 Oct 2024 12:40

Tgt Ion:152 Resp: 89389

Ion Ratio Lower Upper

152 100

115 61.7 31.3 93.9

150 155.6 0.0 349.8

