

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085220.D
 Acq On : 17 Dec 2024 13:08
 Operator : JC\MD
 Sample : VN1217WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBL01

Quant Time: Dec 18 00:23:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	80399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105366	52.034	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	104.060%	
35) Dibromofluoromethane	8.165	113	86248	52.022	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.040%	
50) Toluene-d8	10.565	98	291375	49.040	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.080%	
62) 4-Bromofluorobenzene	12.847	95	92337	41.556	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	83.120%	

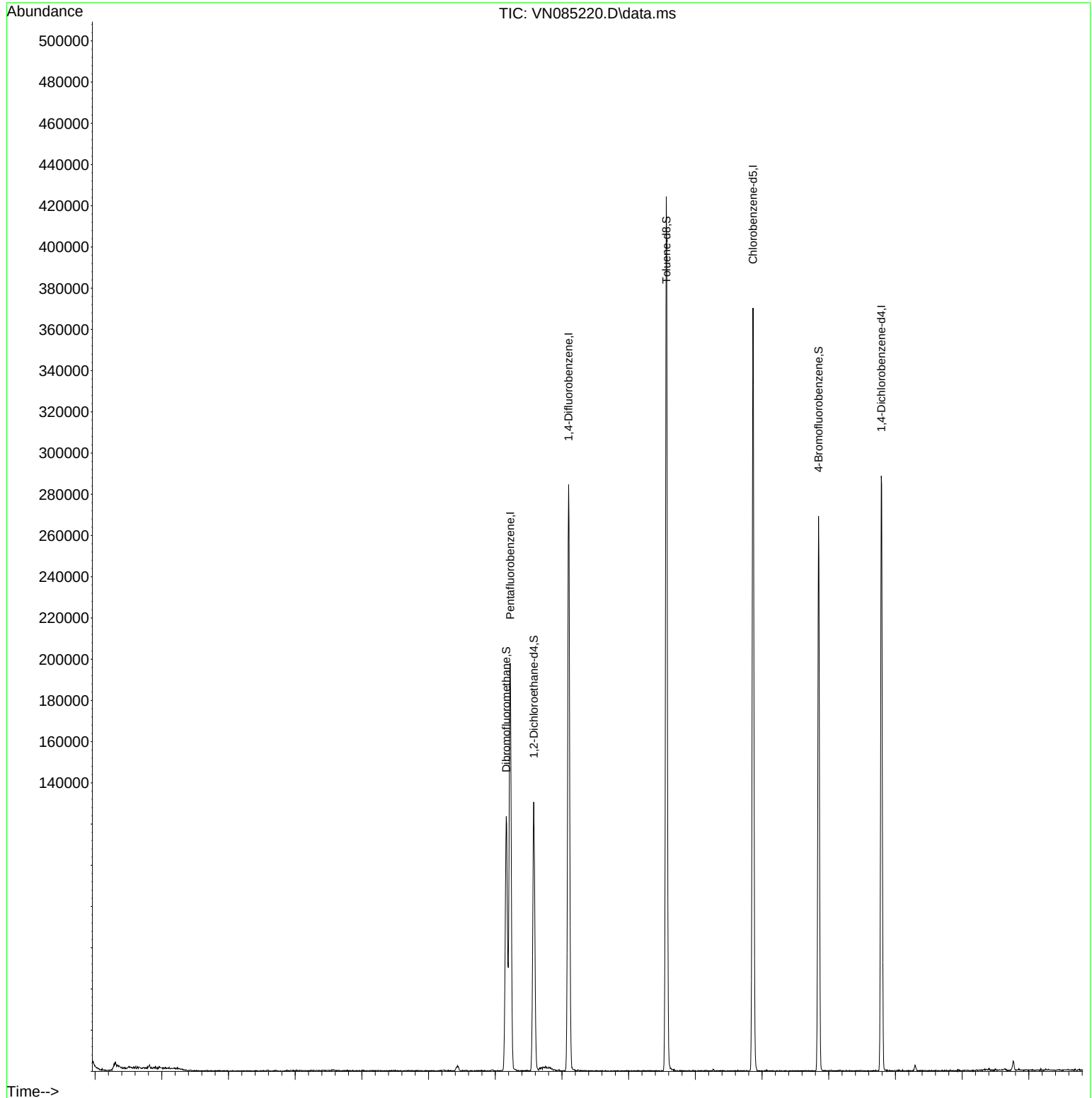
Target Compounds Qvalue

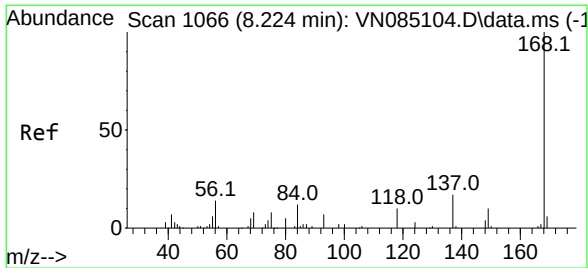
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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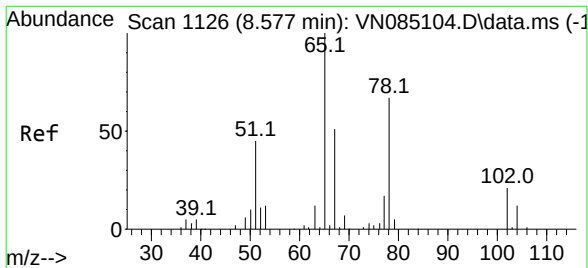
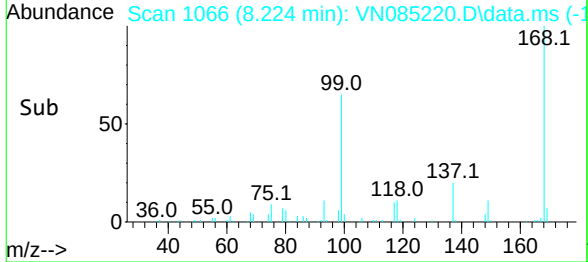
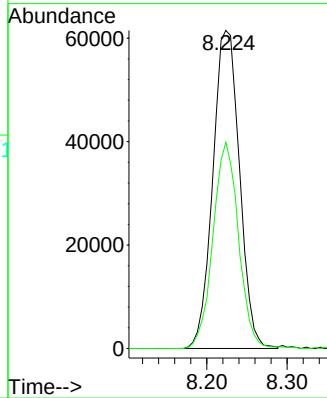
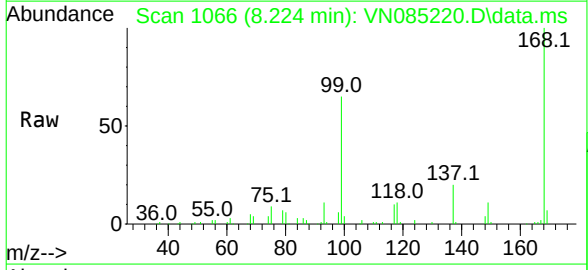




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

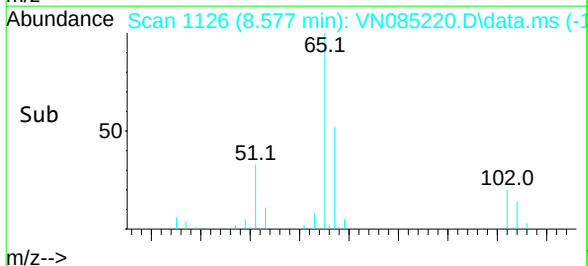
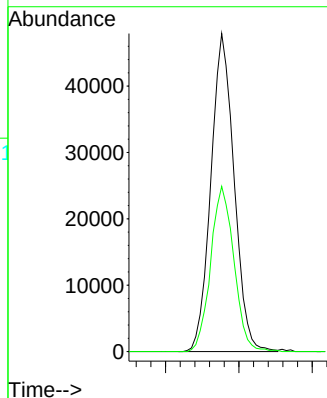
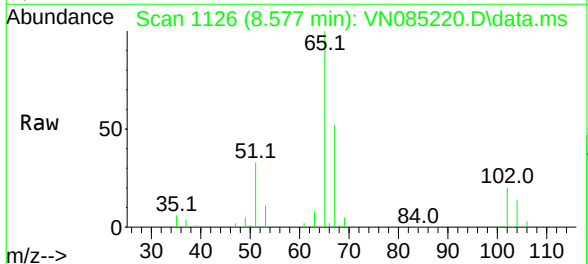
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBL01

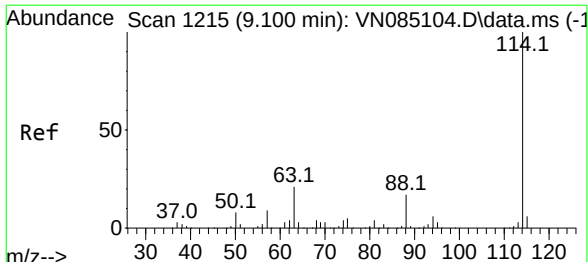
Tgt Ion:168 Resp: 142158
Ion Ratio Lower Upper
168 100
99 64.8 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 52.034 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

Tgt Ion: 65 Resp: 105366
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.0

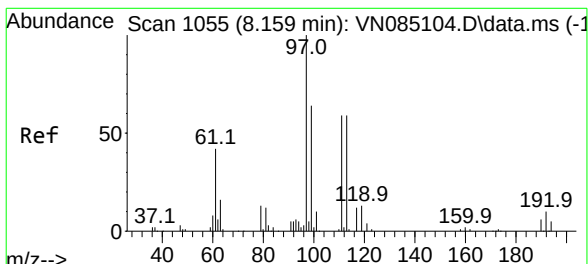
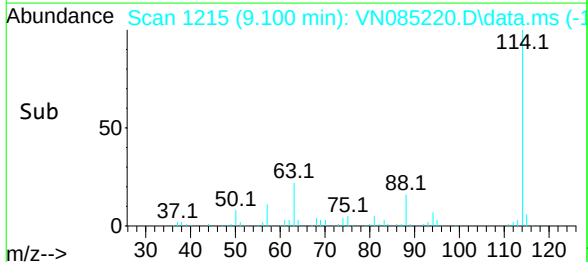
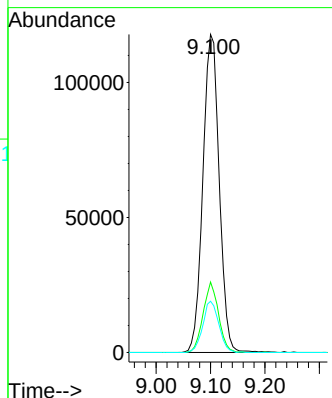
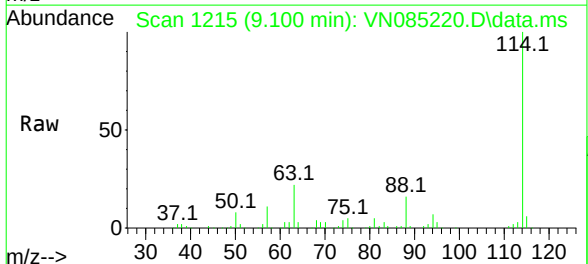




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VN085220.D
 Acq: 17 Dec 2024 13:08

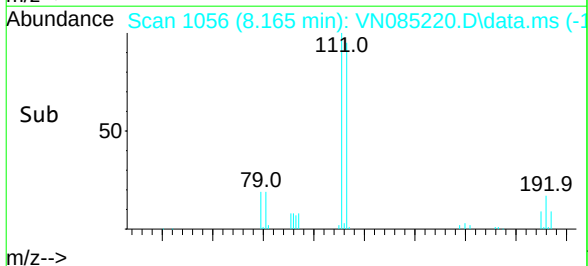
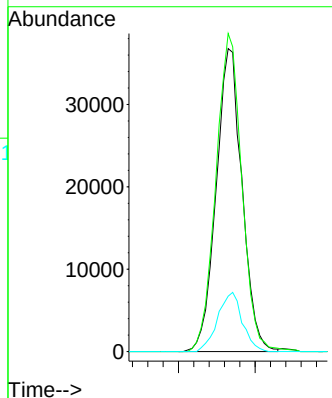
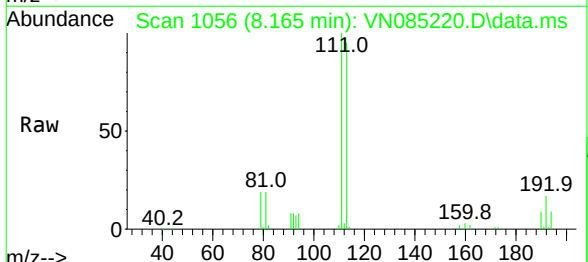
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBL01

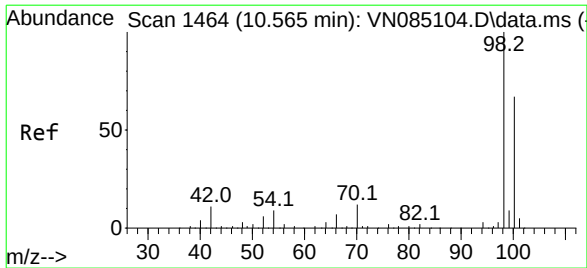
Tgt Ion:	114	Resp:	245850
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.0
88	16.1	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 52.022 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085220.D
 Acq: 17 Dec 2024 13:08

Tgt Ion:	113	Resp:	86248
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.0	123.0
192	18.6	14.8	22.2





#50

Toluene-d8

Concen: 49.040 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN085220.D

Acq: 17 Dec 2024 13:08

Instrument :

MSVOA_N

ClientSampleId :

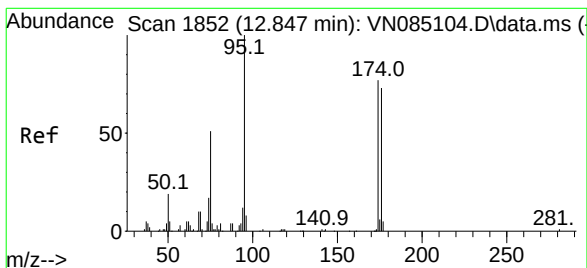
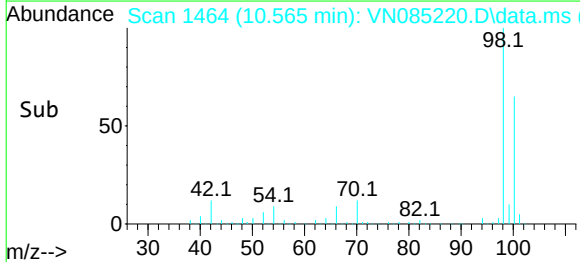
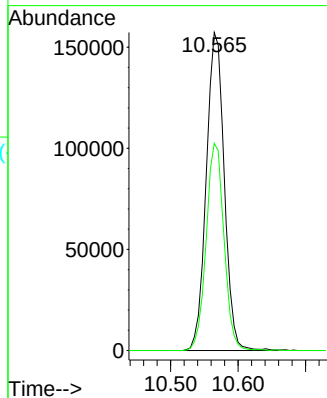
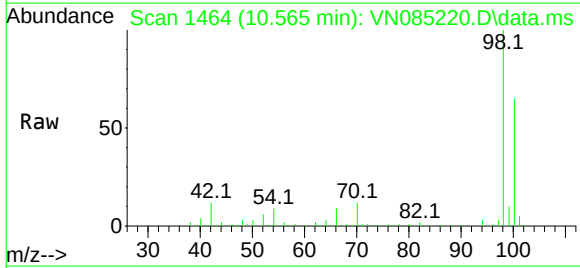
VN1217WBL01

Tgt Ion: 98 Resp: 291375

Ion Ratio Lower Upper

98 100

100 64.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 41.556 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085220.D

Acq: 17 Dec 2024 13:08

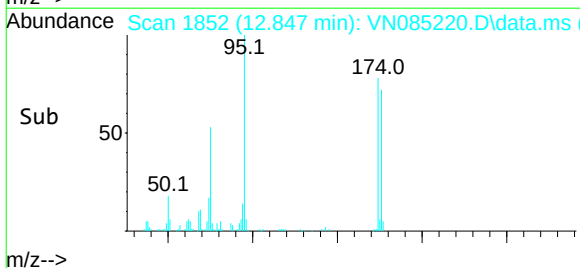
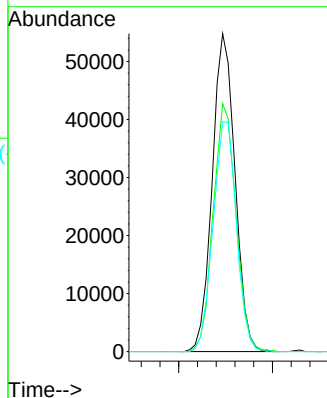
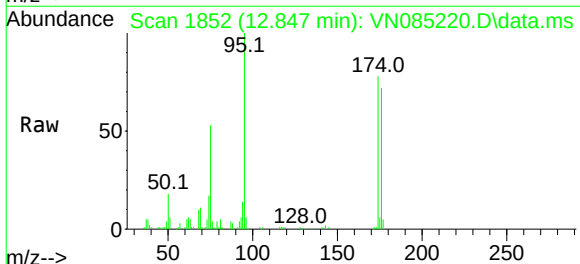
Tgt Ion: 95 Resp: 92337

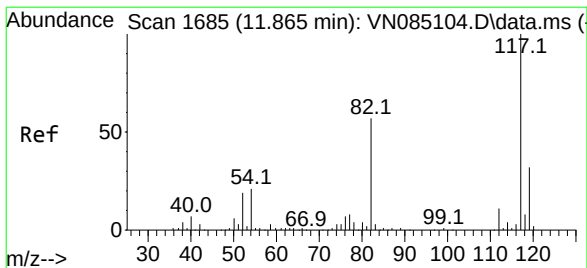
Ion Ratio Lower Upper

95 100

174 78.1 0.0 146.6

176 74.4 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VN085220.D

Acq: 17 Dec 2024 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBL01

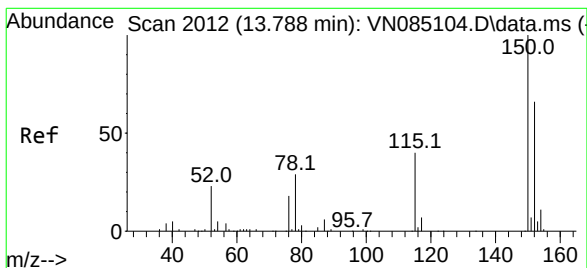
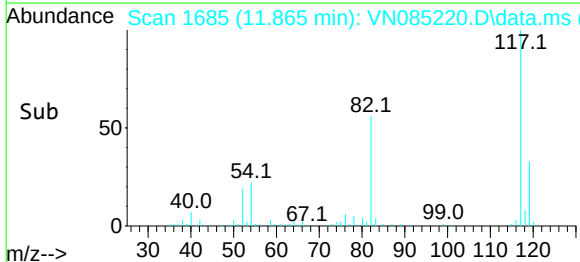
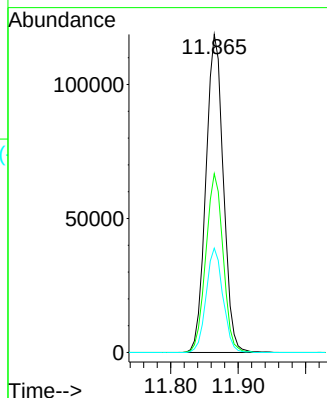
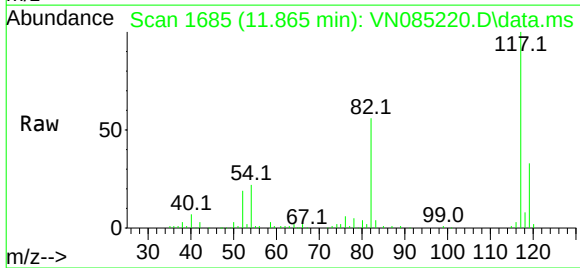
Tgt Ion:117 Resp: 212586

Ion Ratio Lower Upper

117 100

82 56.2 46.0 69.0

119 32.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085220.D

Acq: 17 Dec 2024 13:08

Tgt Ion:152 Resp: 80399

Ion Ratio Lower Upper

152 100

115 63.8 31.7 95.1

150 158.7 0.0 351.4

