

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084294.D
 Acq On : 03 Oct 2024 13:28
 Operator : JC\MD
 Sample : P4226-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP10-20240925

Quant Time: Oct 04 01:33:59 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	161848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120038	50.022	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.040%		
35) Dibromofluoromethane	8.171	113	94124	51.707	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.420%		
50) Toluene-d8	10.565	98	338515	50.545	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.100%		
62) 4-Bromofluorobenzene	12.847	95	112834	46.246	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 92.500%		

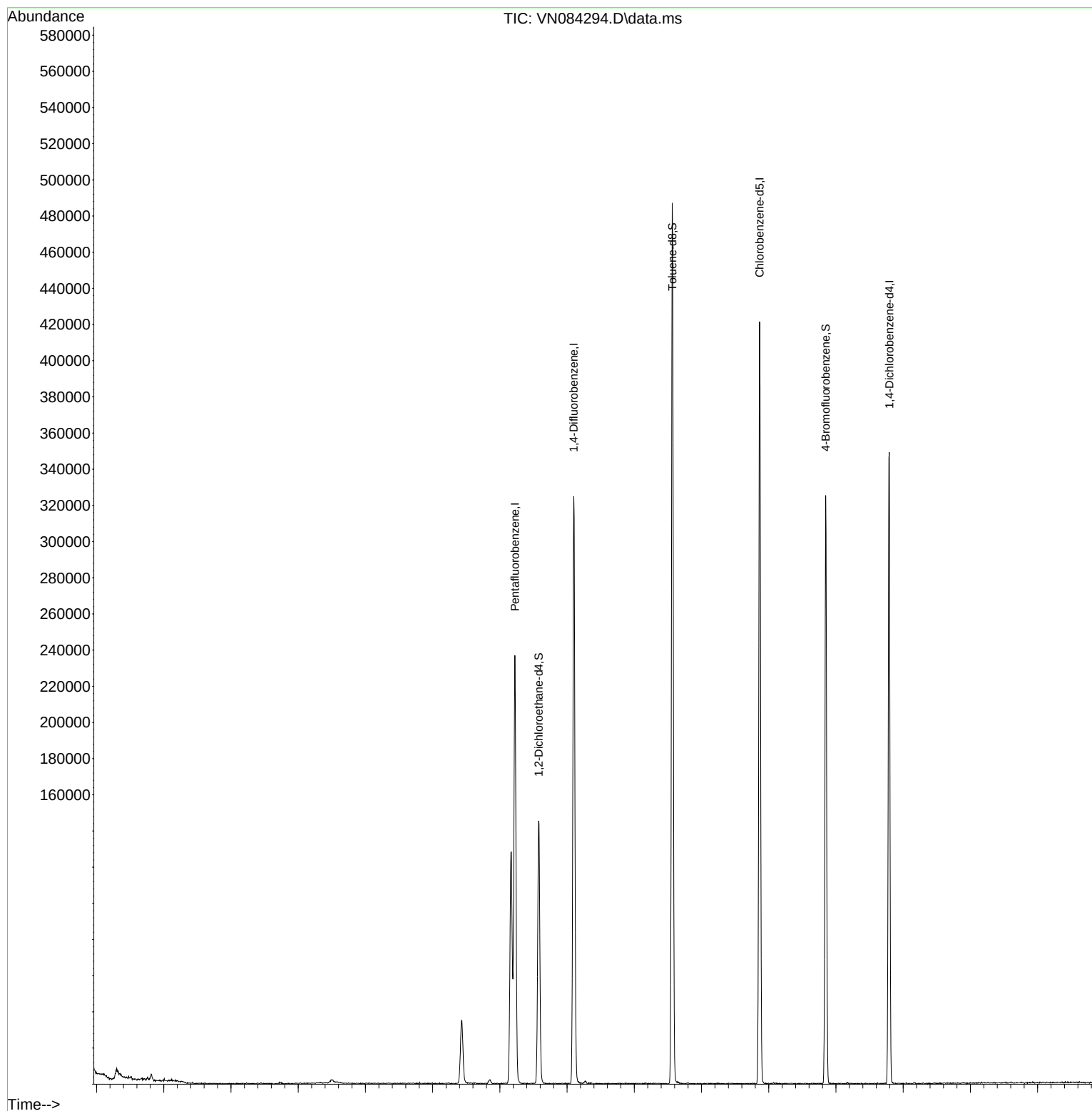
Target Compounds Qvalue

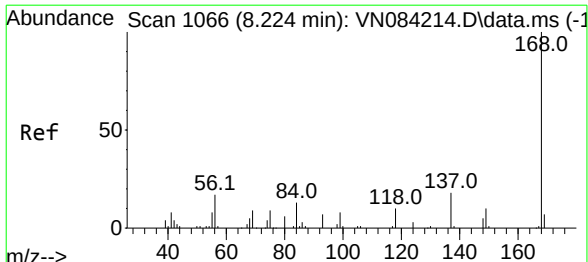
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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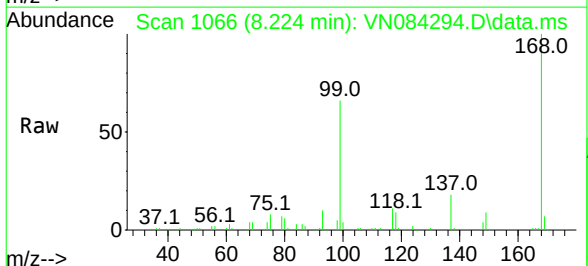
Quant Time: Oct 04 01:33:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
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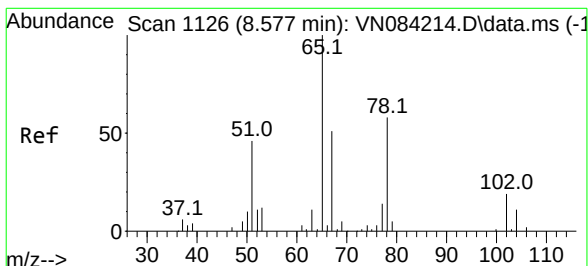
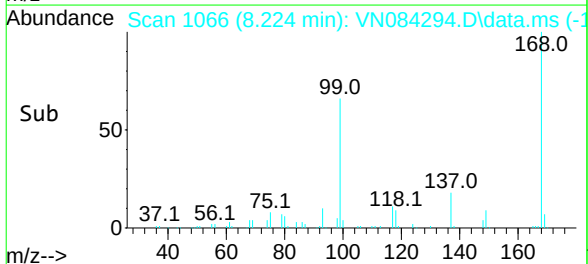
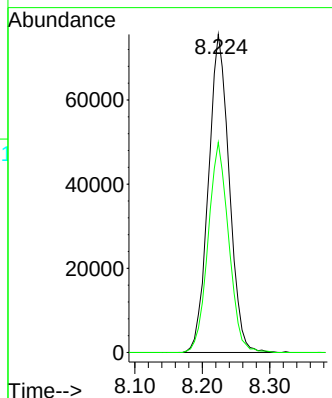


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084294.D
Acq: 03 Oct 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
DUP10-20240925

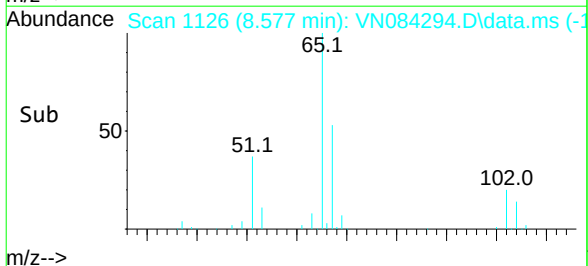
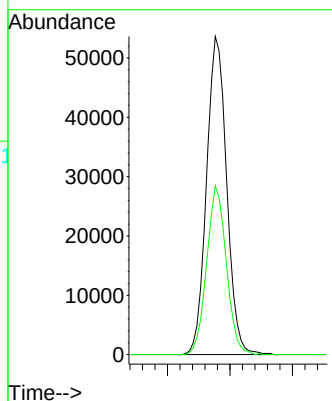
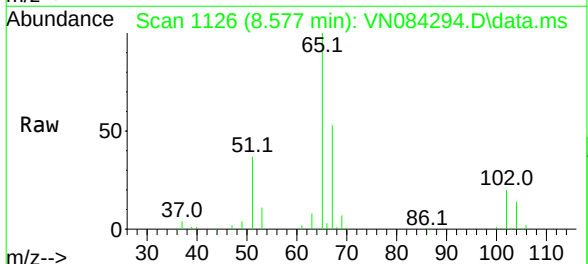


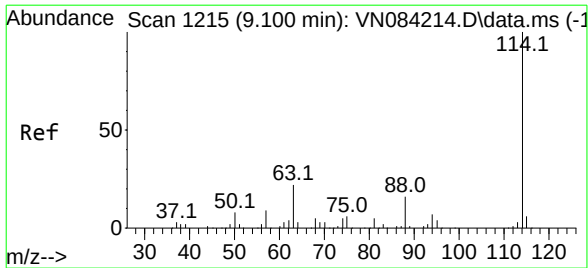
Tgt Ion:168 Resp: 161848
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.022 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084294.D
Acq: 03 Oct 2024 13:28

Tgt Ion: 65 Resp: 120038
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

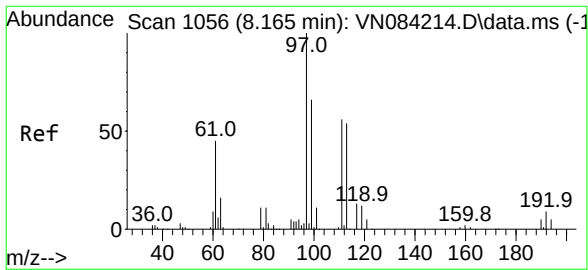
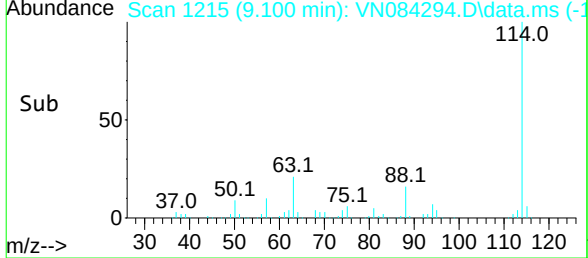
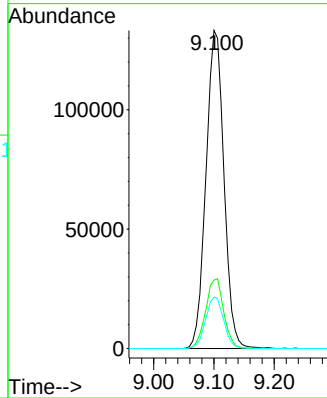
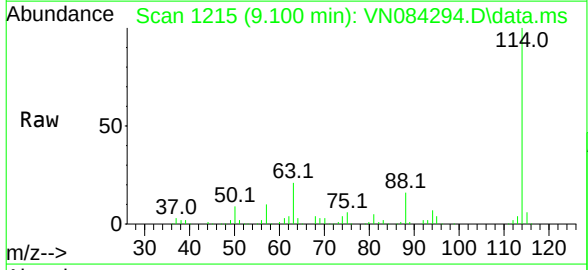




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084294.D
Acq: 03 Oct 2024 13:28

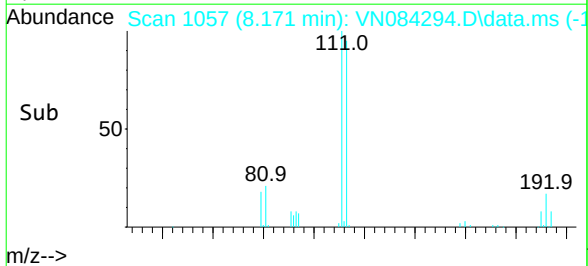
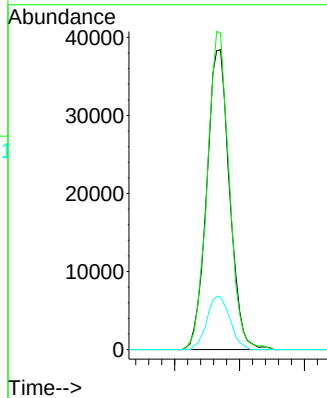
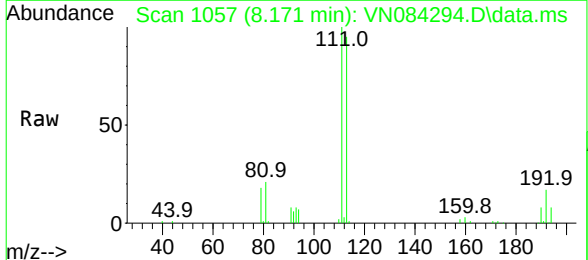
Instrument :
MSVOA_N
ClientSampleId :
DUP10-20240925

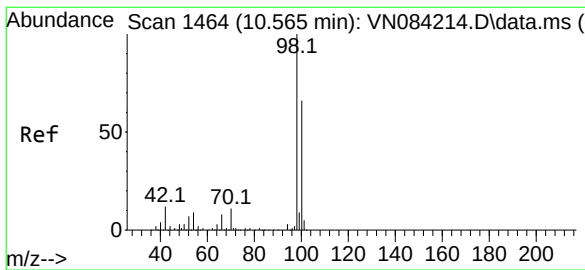
Tgt Ion:	114	Resp:	276119
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.8
88	16.2	0.0	31.6



#35
Dibromofluoromethane
Concen: 51.707 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084294.D
Acq: 03 Oct 2024 13:28

Tgt Ion:	113	Resp:	94124
Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.3	124.9
192	17.9	13.5	20.3





#50

Toluene-d8

Concen: 50.545 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084294.D

Acq: 03 Oct 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

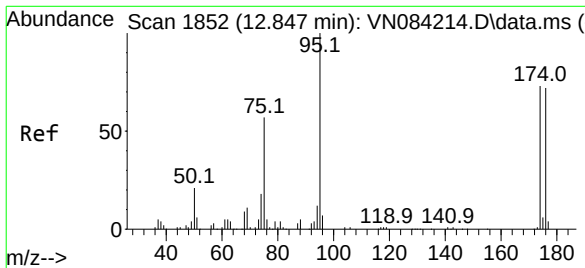
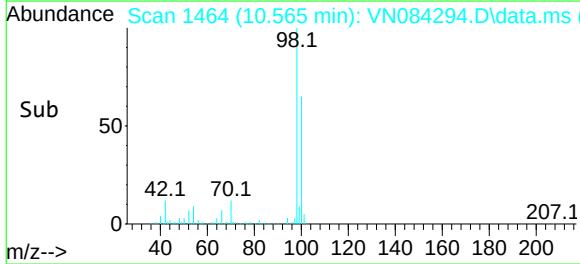
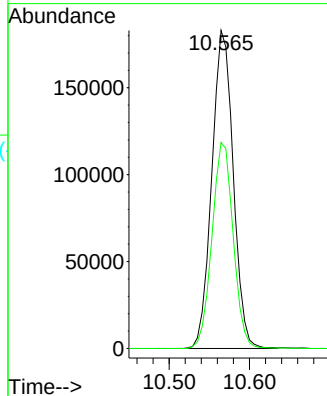
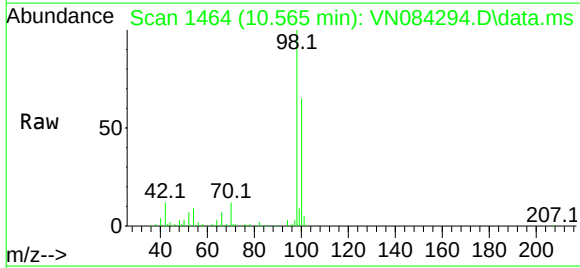
DUP10-20240925

Tgt Ion: 98 Resp: 338515

Ion Ratio Lower Upper

98 100

100 64.2 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.246 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084294.D

Acq: 03 Oct 2024 13:28

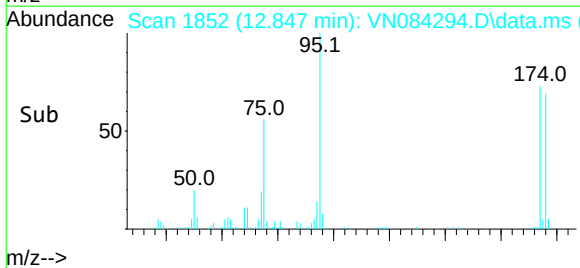
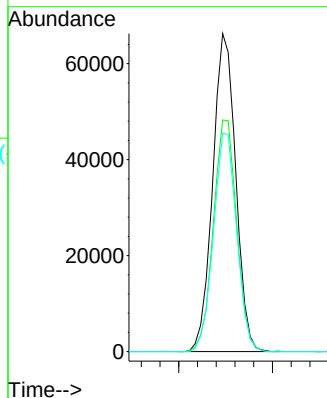
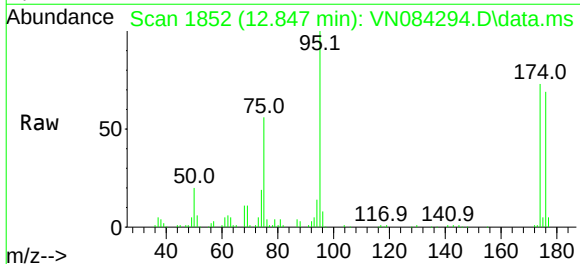
Tgt Ion: 95 Resp: 112834

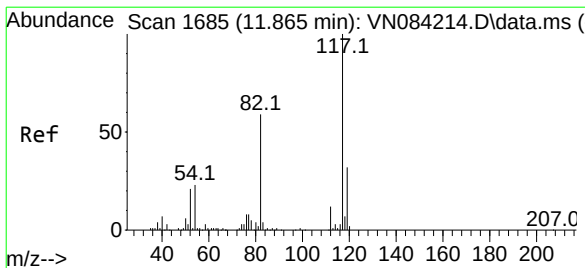
Ion Ratio Lower Upper

95 100

174 74.0 0.0 145.2

176 69.5 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: VN084294.D

Acq: 03 Oct 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

DUP10-20240925

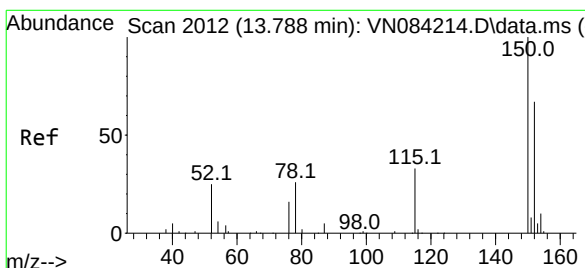
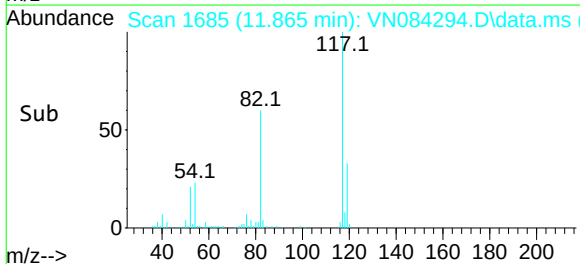
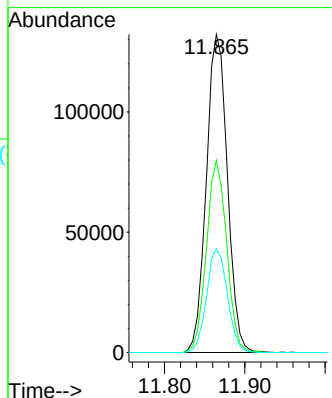
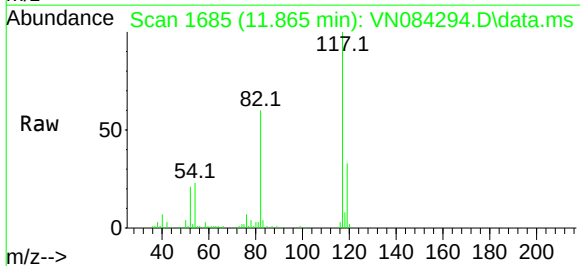
Tgt Ion:117 Resp: 240504

Ion Ratio Lower Upper

117 100

82 60.4 47.2 70.8

119 32.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084294.D

Acq: 03 Oct 2024 13:28

Tgt Ion:152 Resp: 97270

Ion Ratio Lower Upper

152 100

115 60.5 31.3 93.9

150 154.4 0.0 349.8

