

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084302.D
 Acq On : 03 Oct 2024 16:39
 Operator : JC\MD
 Sample : P4226-23DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927DL

Quant Time: Oct 04 01:38:28 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)

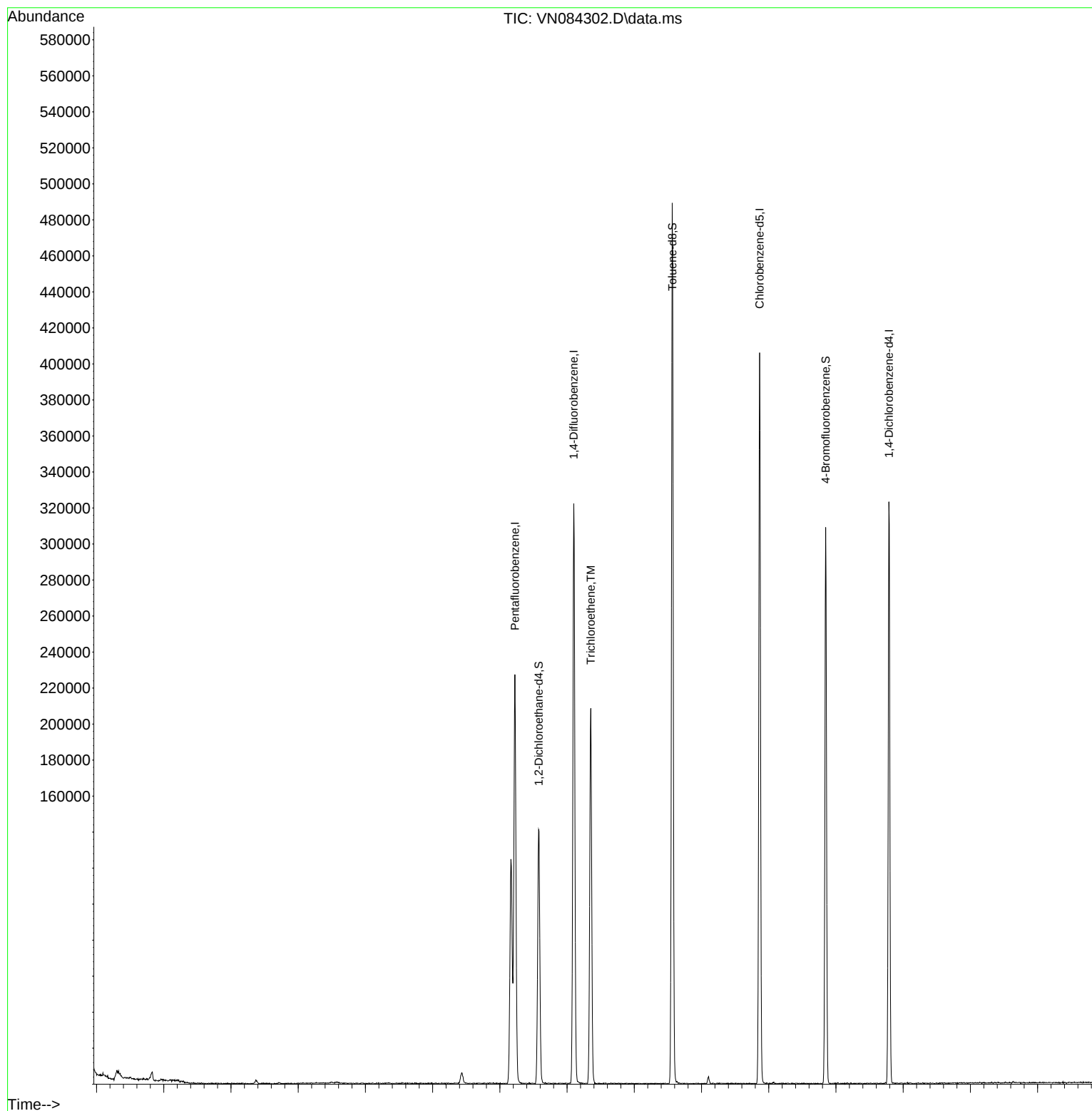
Internal Standards						
1) Pentafluorobenzene	8.224	168	157325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114953	49.280	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.560%		
35) Dibromofluoromethane	8.165	113	91223	50.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.860%		
50) Toluene-d8	10.565	98	330038	50.083	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.160%		
62) 4-Bromofluorobenzene	12.847	95	108294	45.109	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.220%		
Target Compounds						
44) Trichloroethene	9.353	130	73417	38.778	ug/l	99
64) Tetrachloroethene	11.106	164	718	0.453	ug/l	88

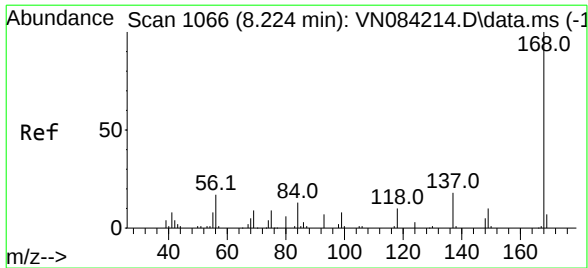
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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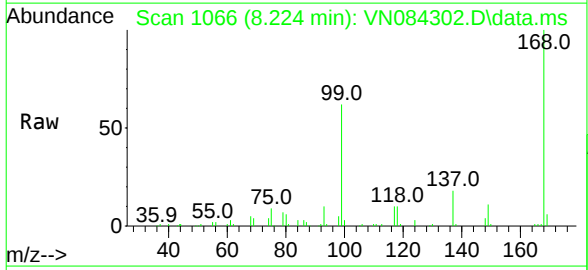
Quant Time: Oct 04 01:38:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



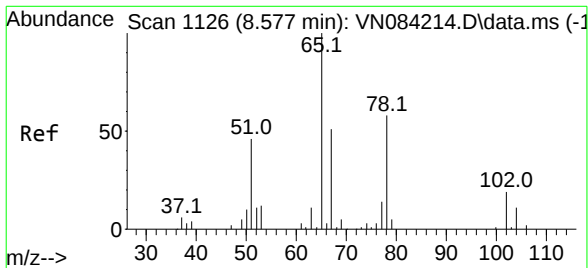
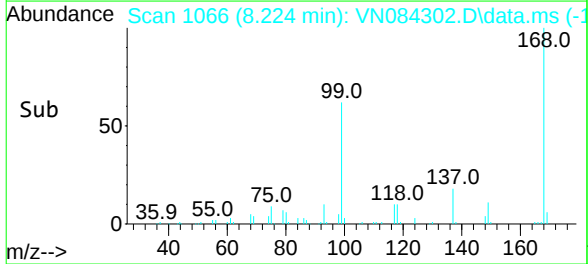
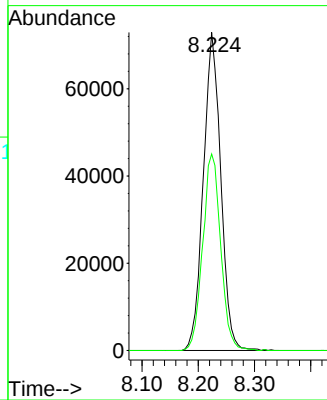


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084302.D
Acq: 03 Oct 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927DL

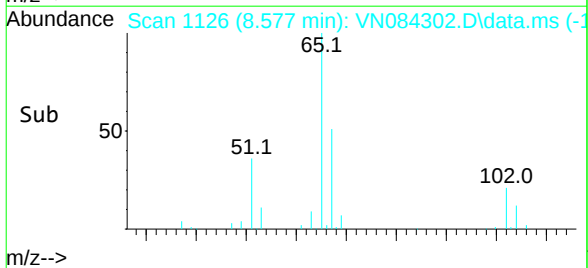
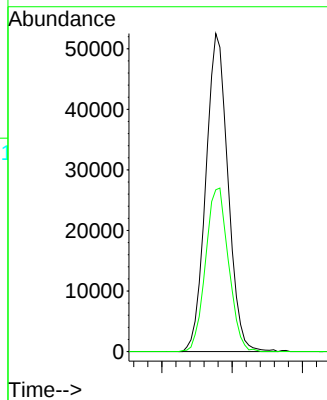
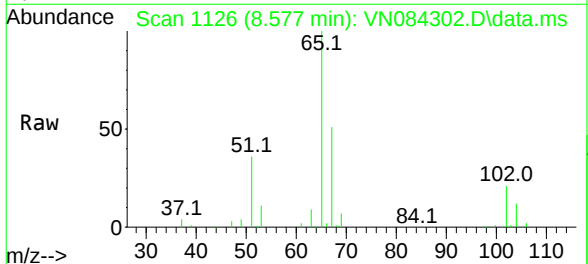


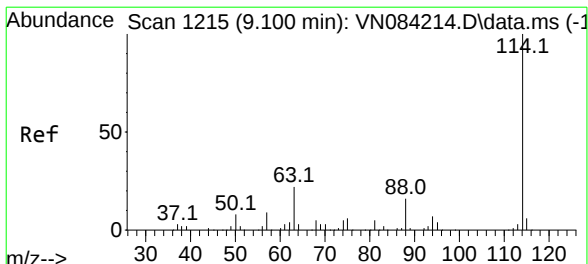
Tgt Ion:168 Resp: 157325
Ion Ratio Lower Upper
168 100
99 61.8 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.280 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084302.D
Acq: 03 Oct 2024 16:39

Tgt Ion: 65 Resp: 114953
Ion Ratio Lower Upper
65 100
67 53.4 0.0 102.0

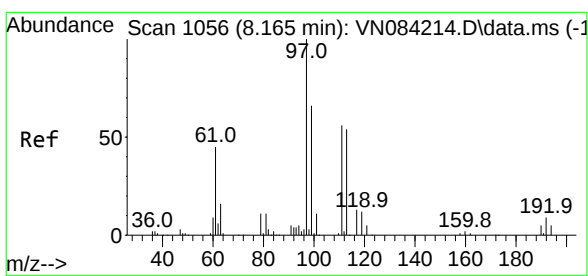
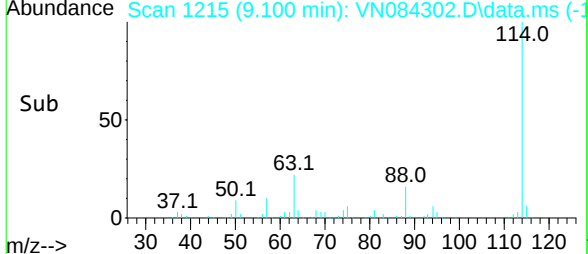
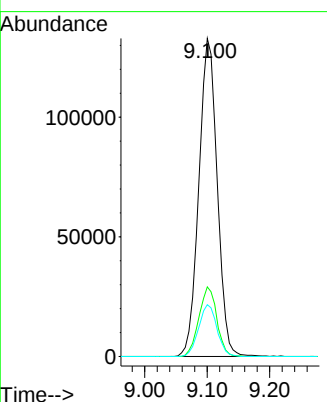
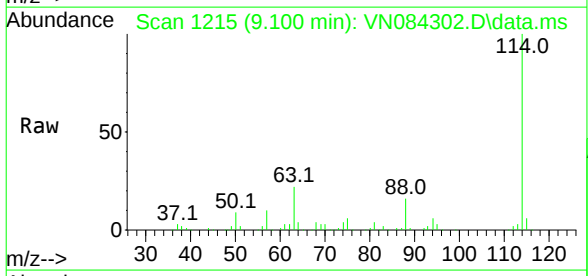




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084302.D
 Acq: 03 Oct 2024 16:39

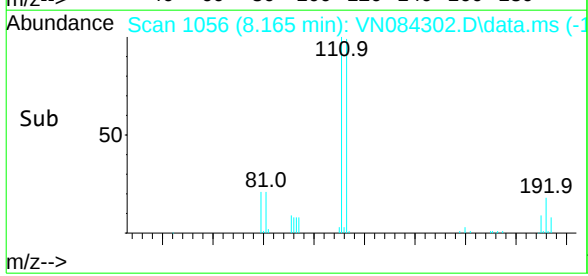
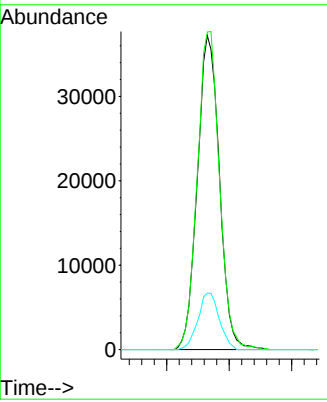
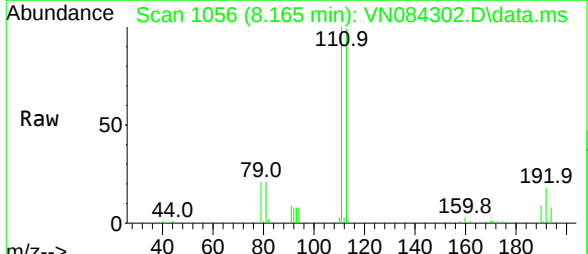
Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927DL

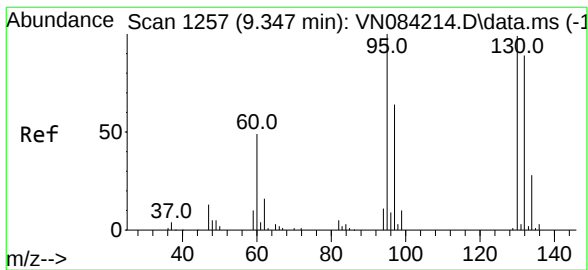
Tgt Ion:	114	Resp:	271690
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.8
88	16.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 50.930 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084302.D
 Acq: 03 Oct 2024 16:39

Tgt Ion:	113	Resp:	91223
Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.3	124.9
192	17.5	13.5	20.3





#44

Trichloroethene

Concen: 38.778 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084302.D

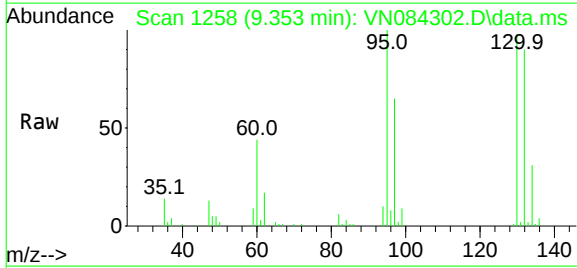
Acq: 03 Oct 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927DL

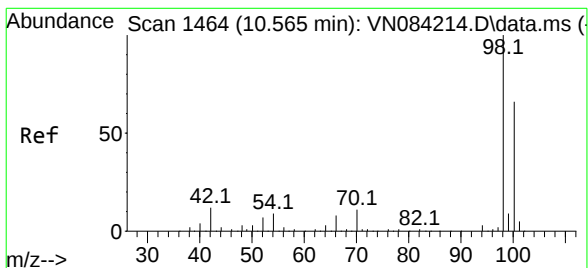
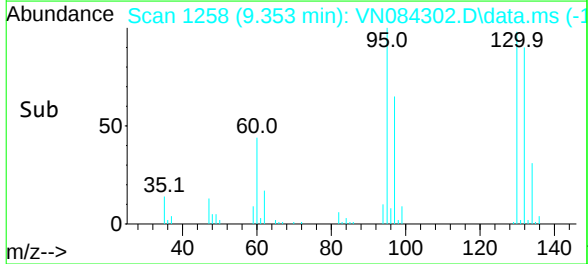
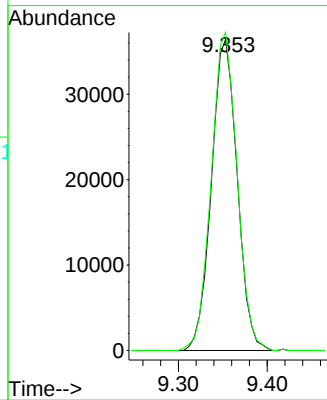


Tgt Ion:130 Resp: 73417

Ion Ratio Lower Upper

130 100

95 102.3 0.0 203.0



#50

Toluene-d8

Concen: 50.083 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084302.D

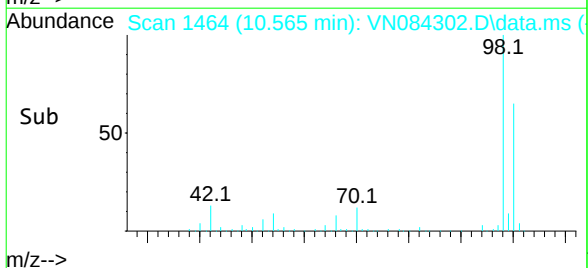
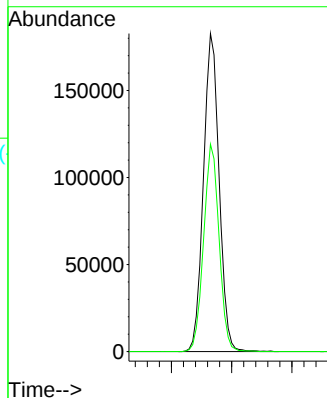
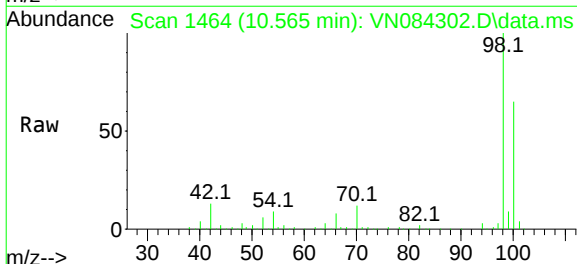
Acq: 03 Oct 2024 16:39

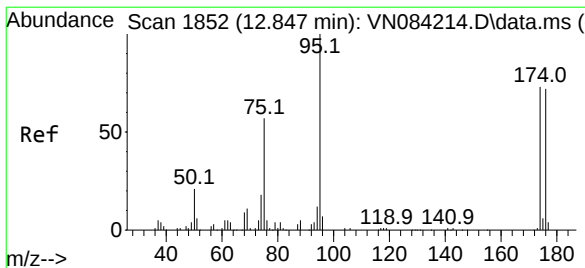
Tgt Ion: 98 Resp: 330038

Ion Ratio Lower Upper

98 100

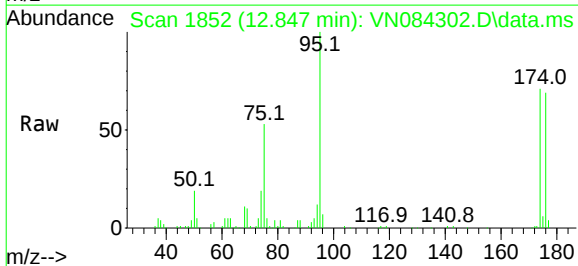
100 64.3 52.7 79.1



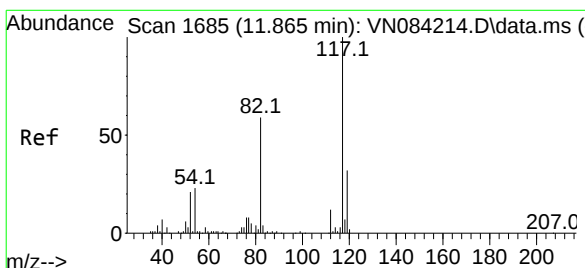
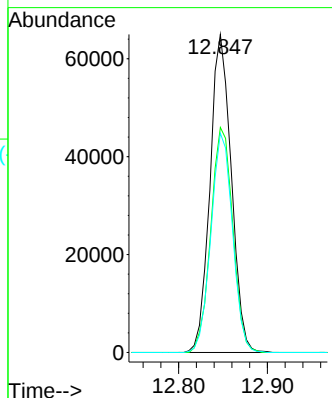
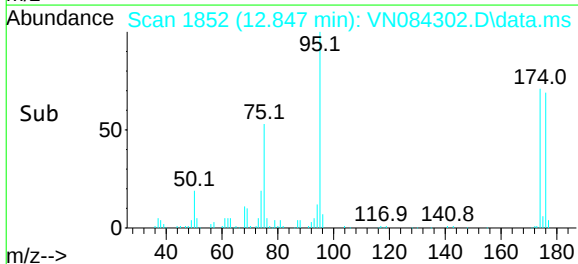


#62
4-Bromofluorobenzene
Concen: 45.109 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084302.D
Acq: 03 Oct 2024 16:39

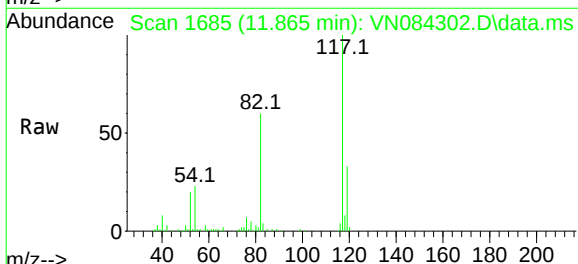
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927DL



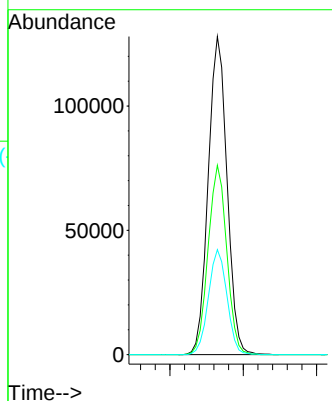
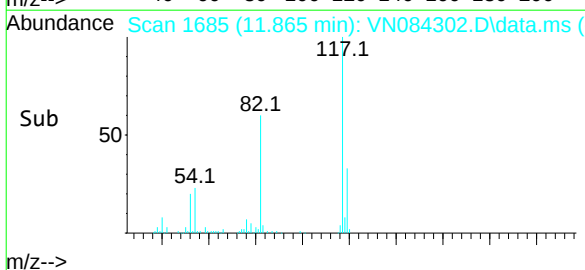
Tgt Ion: 95 Resp: 108294
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.2
176 69.8 0.0 140.0

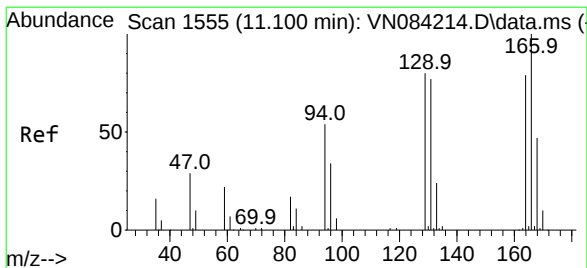


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084302.D
Acq: 03 Oct 2024 16:39



Tgt Ion: 117 Resp: 227741
Ion Ratio Lower Upper
117 100
82 59.5 47.2 70.8
119 33.0 25.4 38.0





#64

Tetrachloroethene

Concen: 0.453 ug/l

RT: 11.106 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VN084302.D

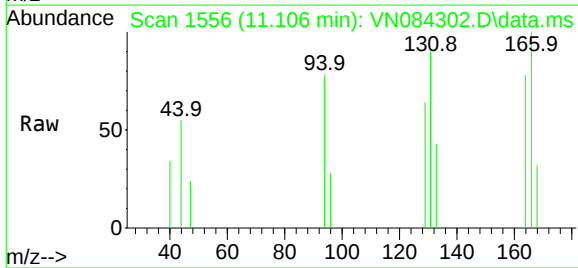
Acq: 03 Oct 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927DL



Tgt Ion:164 Resp: 718

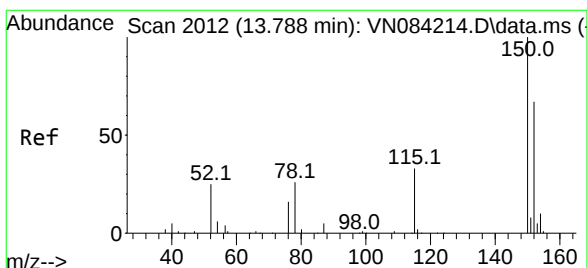
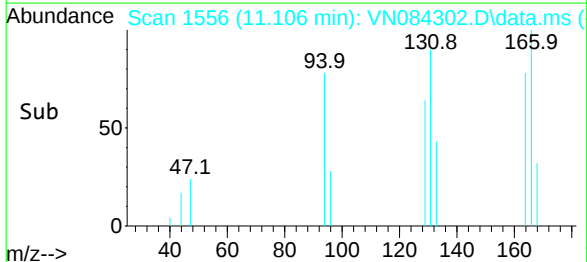
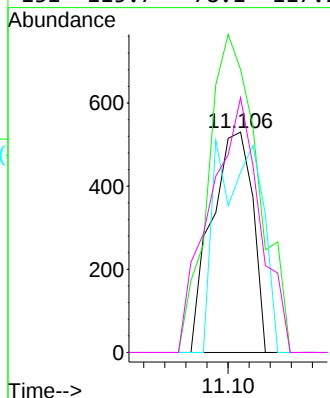
Ion Ratio Lower Upper

164 100

166 128.5 101.0 151.4

129 81.7 80.8 121.2

131 115.7 78.1 117.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084302.D

Acq: 03 Oct 2024 16:39

Tgt Ion:152 Resp: 86437

Ion Ratio Lower Upper

152 100

115 60.5 31.3 93.9

150 155.3 0.0 349.8

