

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084793.D
 Acq On : 12 Nov 2024 14:01
 Operator : JC\MD
 Sample : PB164761TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB164761TB

Quant Time: Nov 12 23:35:48 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)

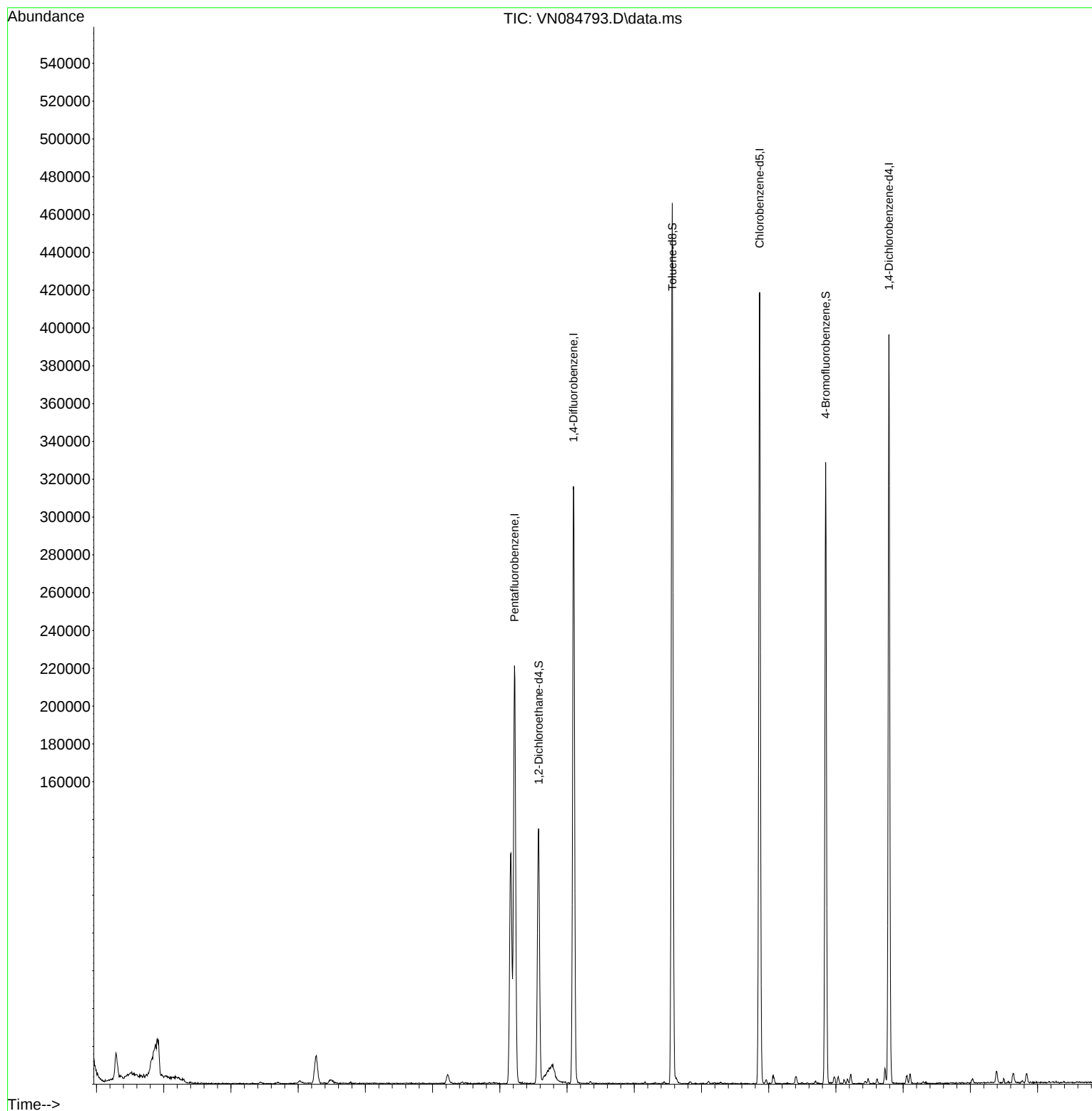
Internal Standards						
1) Pentafluorobenzene	8.218	168	162036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	277946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112433	48.041	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.080%		
35) Dibromofluoromethane	8.159	113	90740	48.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.460%		
50) Toluene-d8	10.565	98	316292	45.639	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.280%		
62) 4-Bromofluorobenzene	12.847	95	114641	44.261	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.520%		
Target Compounds						
20) Methylene Chloride	5.271	84	12552	6.098	ug/l	85
93) 1,2,4-Trichlorobenzene	15.388	180	2591	1.293	ug/l	98
95) Naphthalene	15.641	128	6153	1.026	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.835	180	2090	1.075	ug/l	89

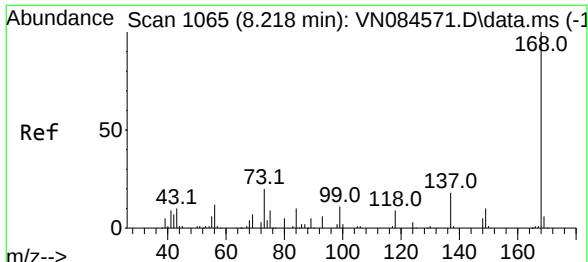
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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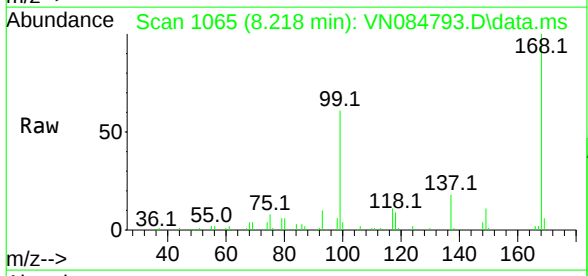
Quant Time: Nov 12 23:35:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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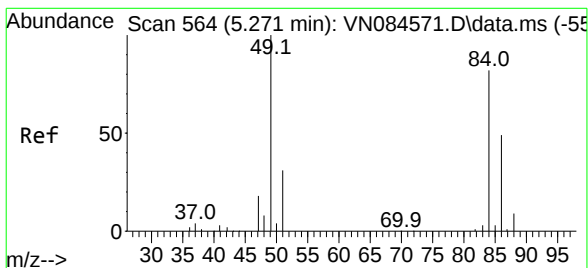
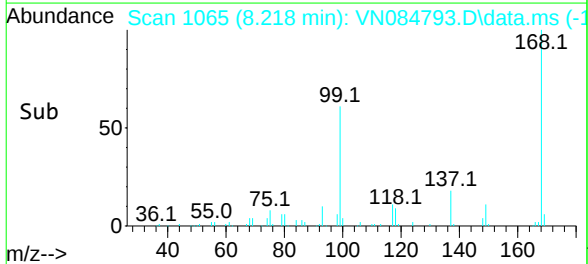
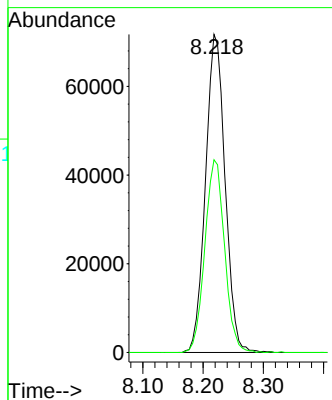


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: VN084793.D
 Acq: 12 Nov 2024 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB164761TB

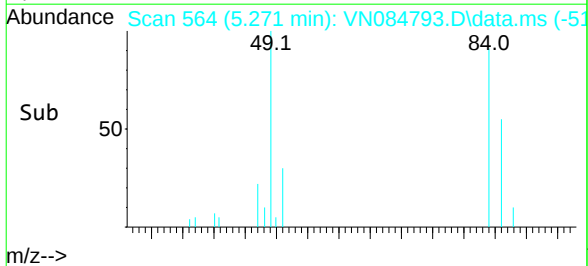
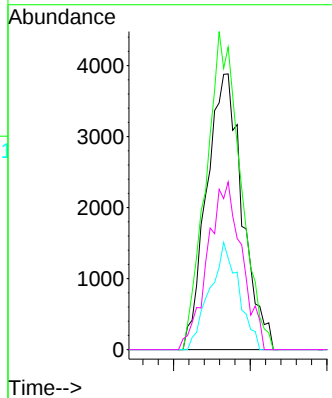
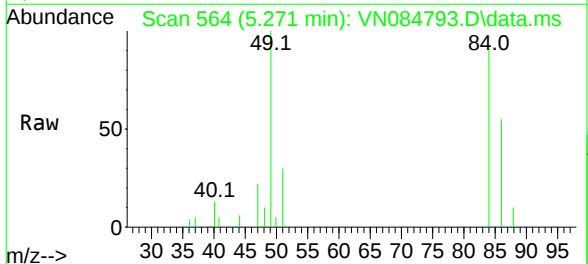


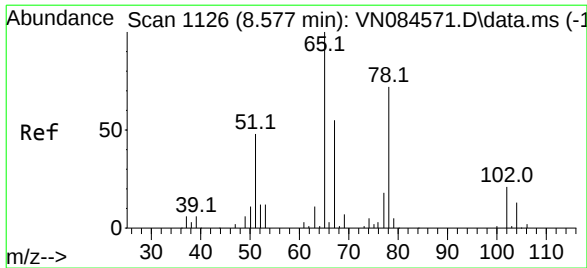
Tgt Ion:168 Resp: 162036
 Ion Ratio Lower Upper
 168 100
 99 60.6 54.2 81.2



#20
 Methylene Chloride
 Concen: 6.098 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN084793.D
 Acq: 12 Nov 2024 14:01

Tgt Ion: 84 Resp: 12552
 Ion Ratio Lower Upper
 84 100
 49 109.7 107.2 160.8
 51 33.1 31.8 47.8
 86 60.8 52.9 79.3

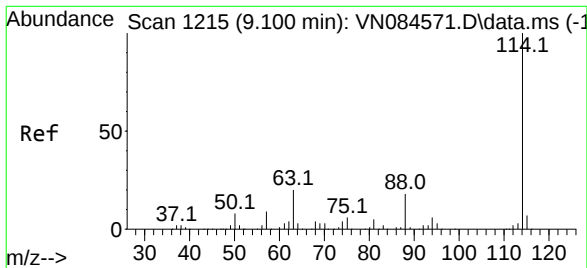
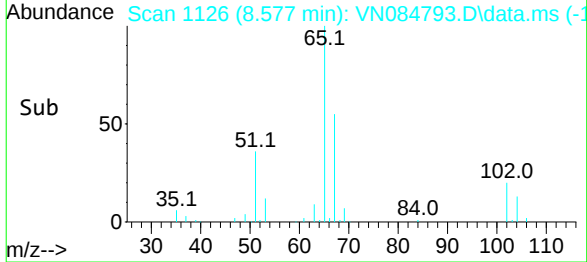
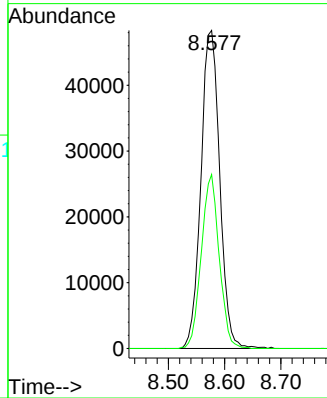
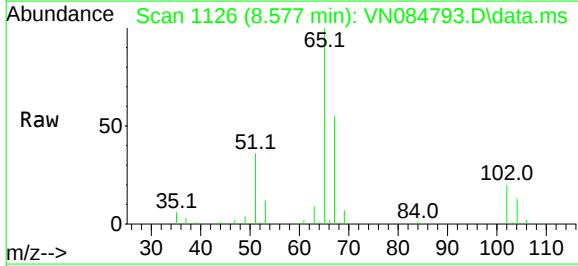




#33
1,2-Dichloroethane-d4
Concen: 48.041 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

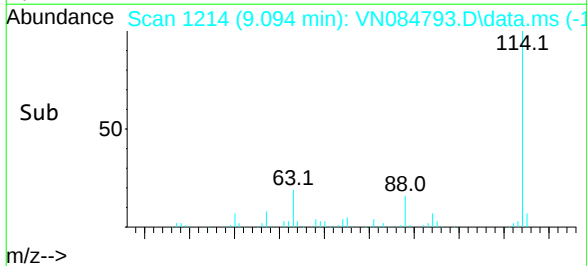
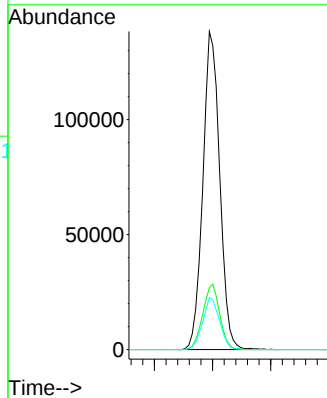
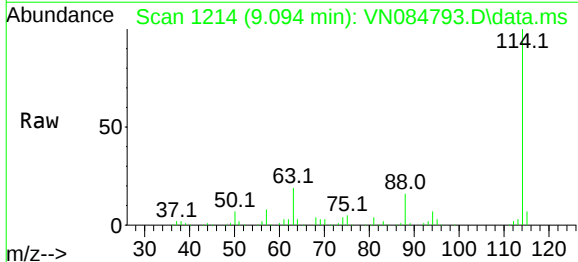
Instrument :
MSVOA_N
ClientSampleId :
PB164761TB

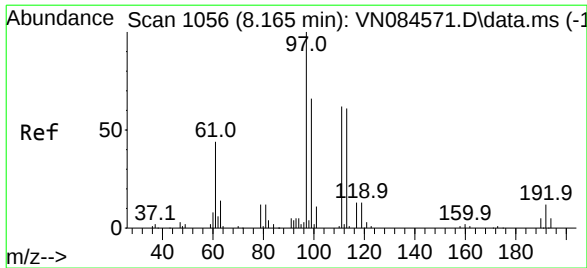
Tgt Ion: 65 Resp: 112433
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion: 114 Resp: 277946
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.8
88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.231 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084793.D

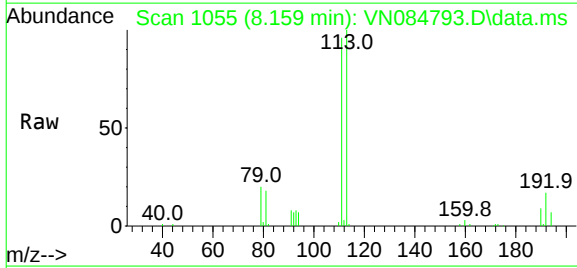
Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB164761TB



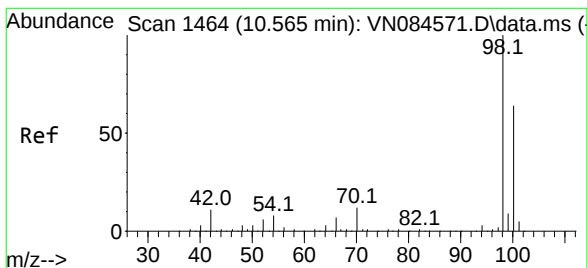
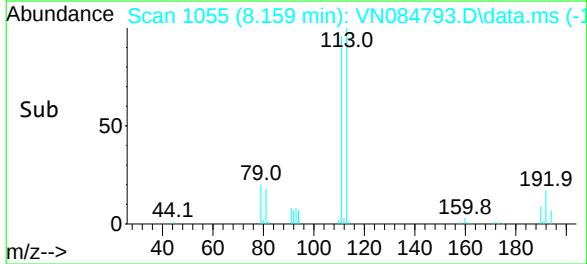
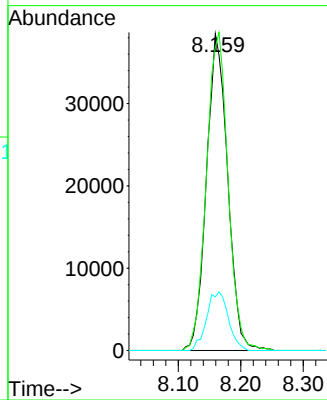
Tgt Ion:113 Resp: 90740

Ion Ratio Lower Upper

113 100

111 102.7 83.3 124.9

192 19.0 13.5 20.3



#50

Toluene-d8

Concen: 45.639 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084793.D

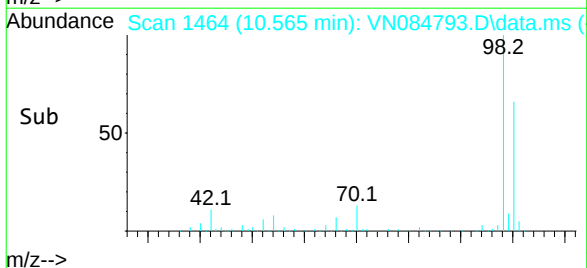
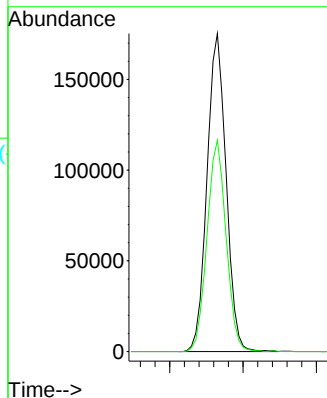
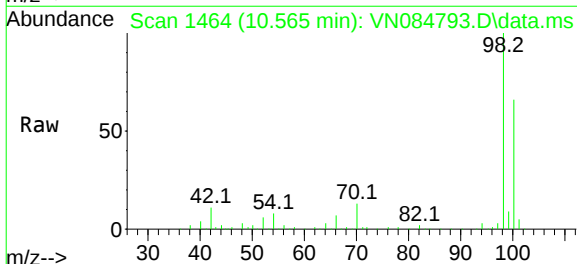
Acq: 12 Nov 2024 14:01

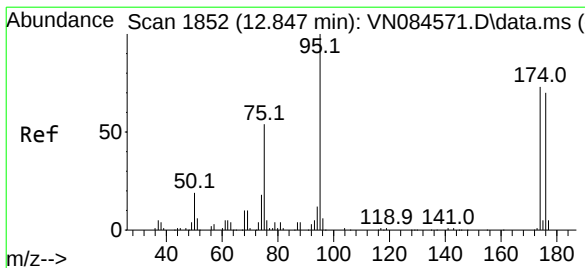
Tgt Ion: 98 Resp: 316292

Ion Ratio Lower Upper

98 100

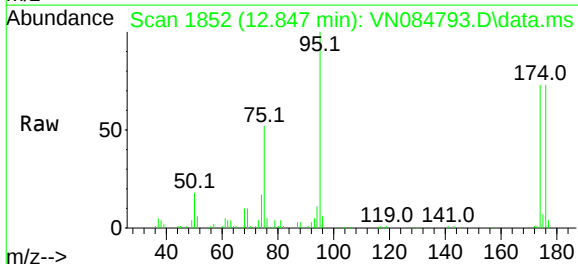
100 66.5 52.7 79.1



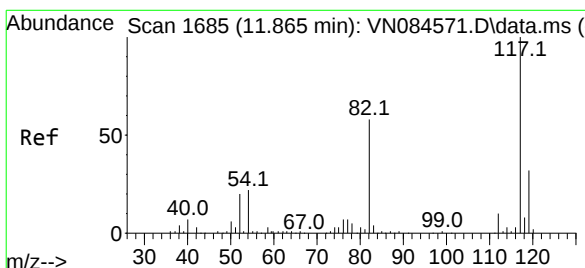
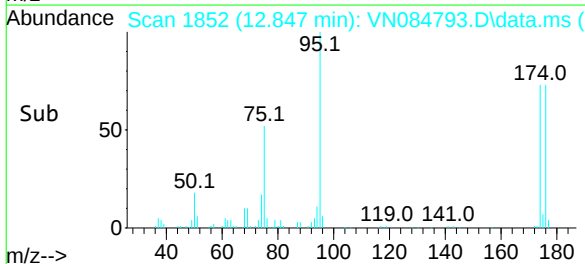
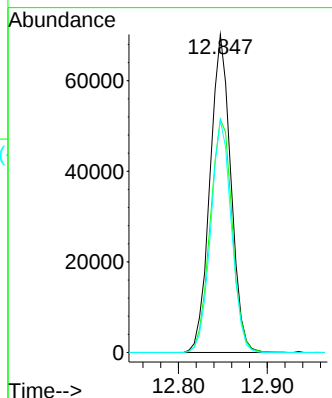


#62
4-Bromofluorobenzene
Concen: 44.261 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Instrument :
MSVOA_N
ClientSampleId :
PB164761TB

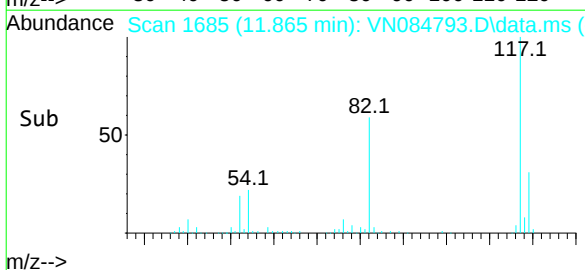
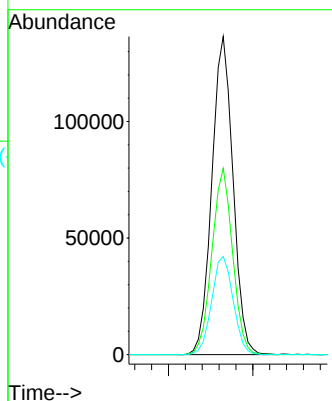
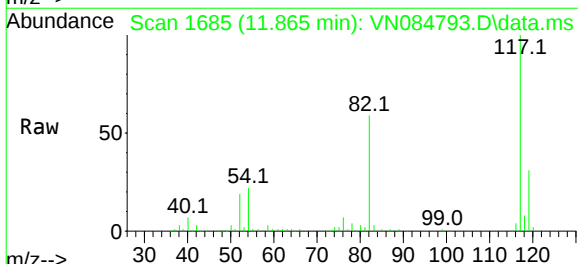


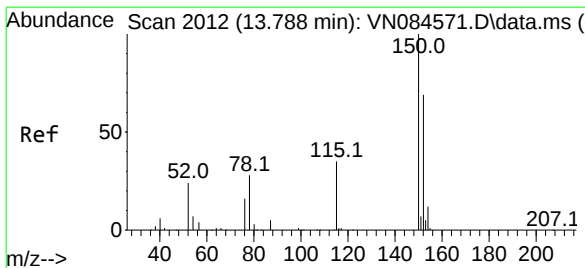
Tgt Ion: 95 Resp: 114641
Ion Ratio Lower Upper
95 100
174 77.5 0.0 145.2
176 72.3 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion: 117 Resp: 237845
Ion Ratio Lower Upper
117 100
82 58.6 47.2 70.8
119 30.8 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: VN084793.D

Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB164761TB

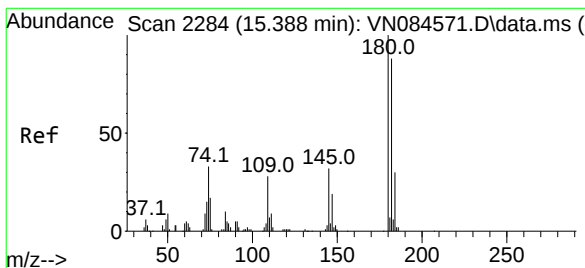
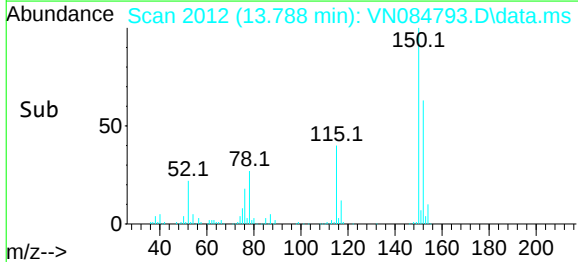
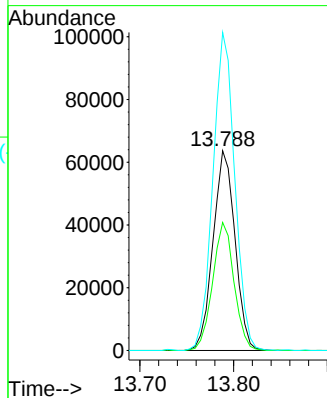
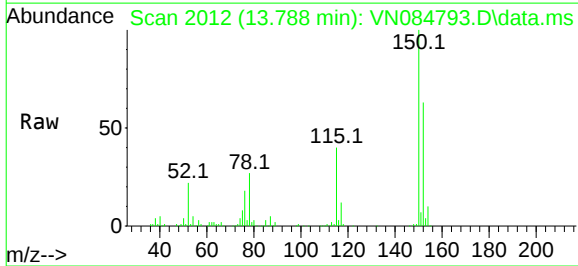
Tgt Ion:152 Resp: 103613

Ion Ratio Lower Upper

152 100

115 62.5 31.3 93.9

150 158.3 0.0 349.8



#93

1,2,4-Trichlorobenzene

Concen: 1.293 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN084793.D

Acq: 12 Nov 2024 14:01

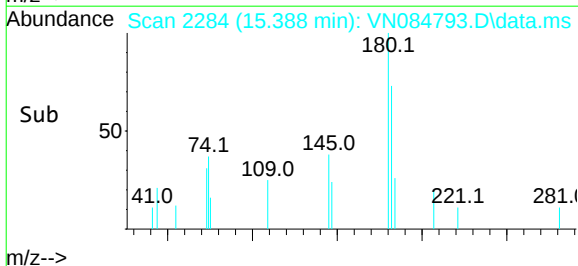
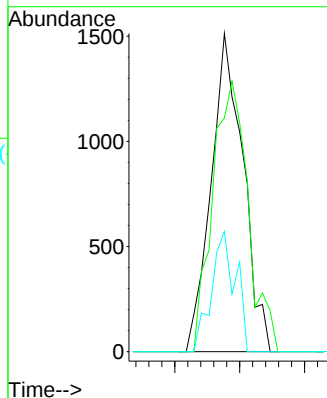
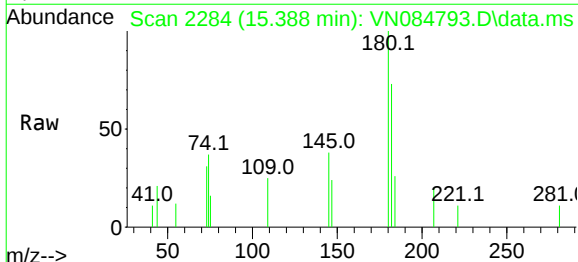
Tgt Ion:180 Resp: 2591

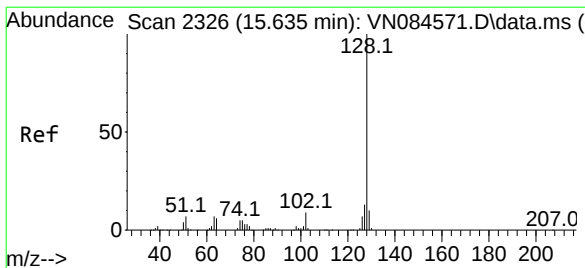
Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.0

145 28.6 16.4 49.4





#95

Naphthalene

Concen: 1.026 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084793.D

Acq: 12 Nov 2024 14:01

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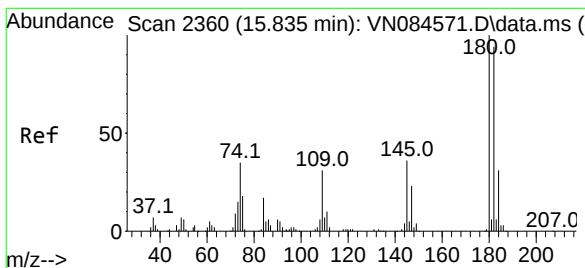
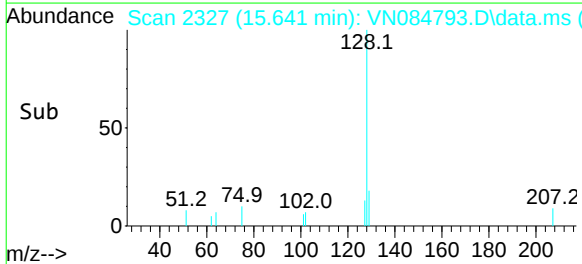
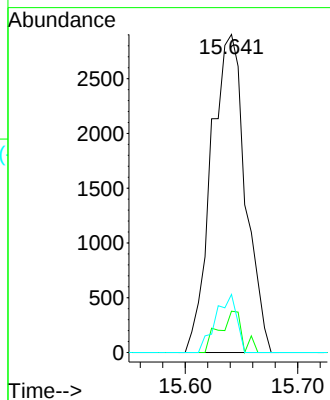
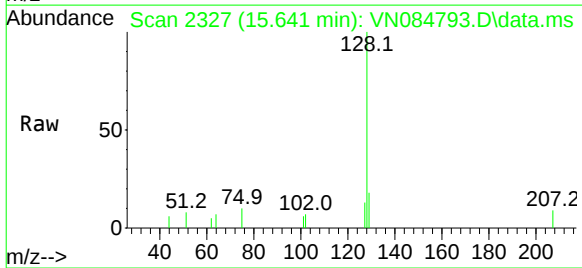
Tgt Ion:128 Resp: 6153

Ion Ratio Lower Upper

128 100

127 8.7 10.5 15.7#

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.075 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084793.D

Acq: 12 Nov 2024 14:01

Tgt Ion:180 Resp: 2090

Ion Ratio Lower Upper

180 100

182 110.5 48.2 144.6

145 36.5 17.3 51.9

