

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103024\
 Data File : VN084593.D
 Acq On : 31 Oct 2024 02:09
 Operator : JC\MD
 Sample : P4598-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-F12

Quant Time: Nov 01 05:18:03 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)

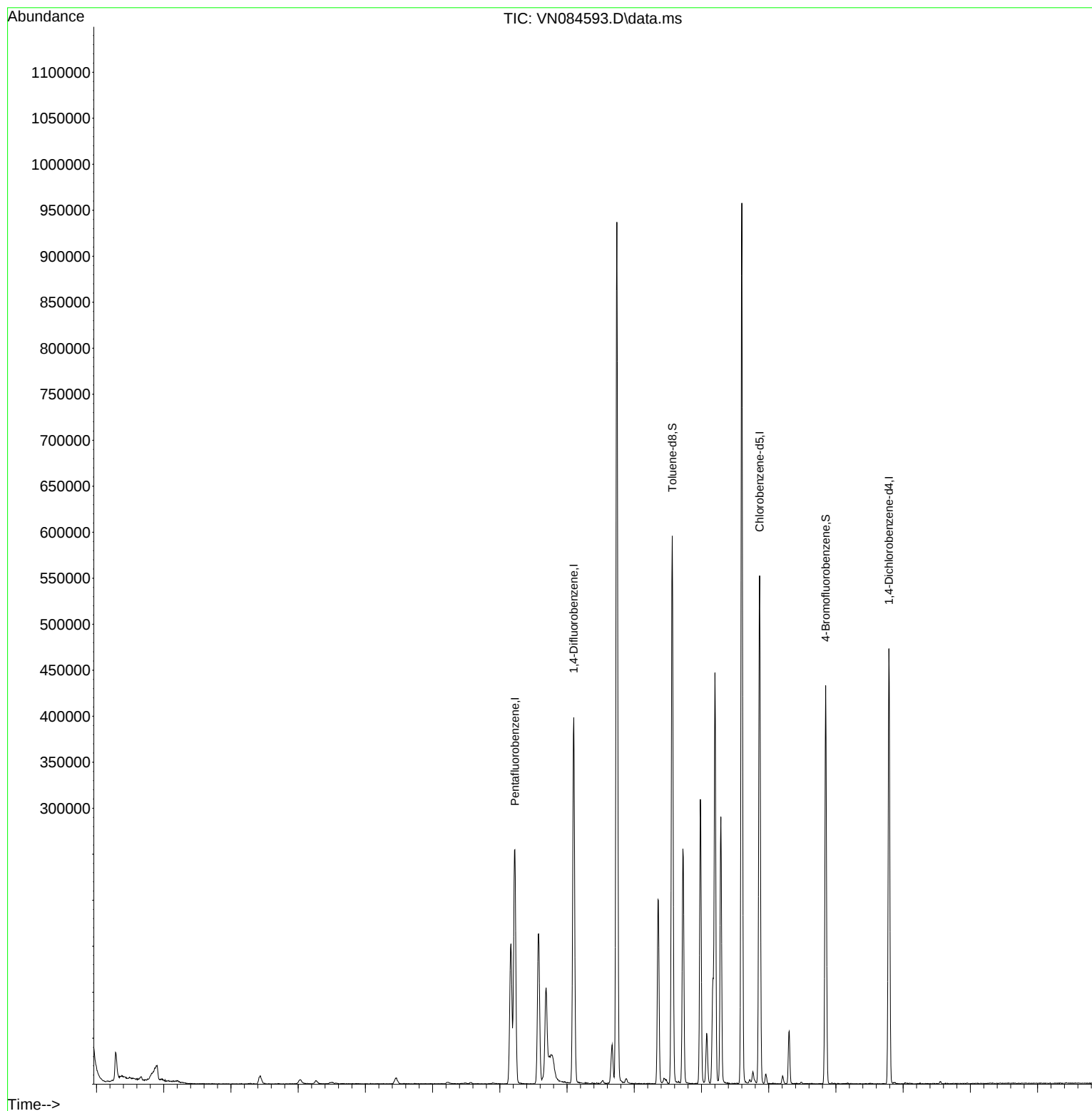
Internal Standards						
1) Pentafluorobenzene	8.224	168	184609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137480	51.561	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	103.120%	
35) Dibromofluoromethane	8.165	113	111163	48.149	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.300%	
50) Toluene-d8	10.565	98	407989	47.973	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	95.940%	
62) 4-Bromofluorobenzene	12.847	95	148981	46.873	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	93.740%	
Target Compounds						
16) Acetone	4.424	43	17326	19.869	ug/l	Qvalue 94
43) Isopropyl Acetate	8.688	43	134942	24.654	ug/l #	84

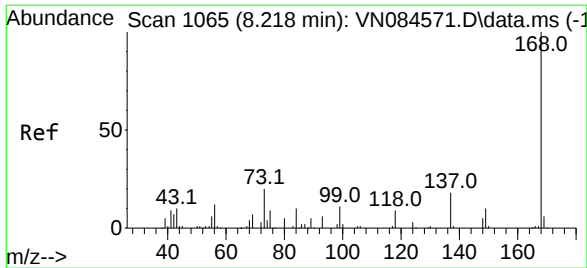
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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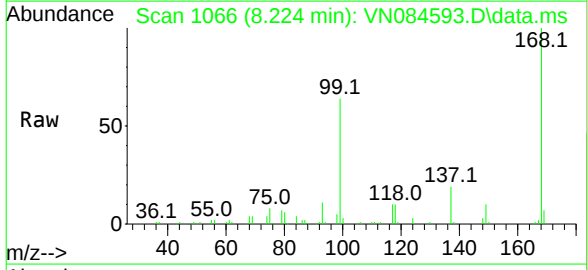
Quant Time: Nov 01 05:18:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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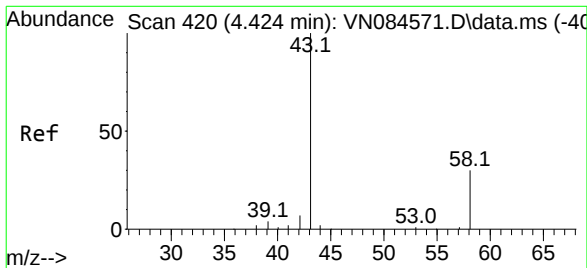
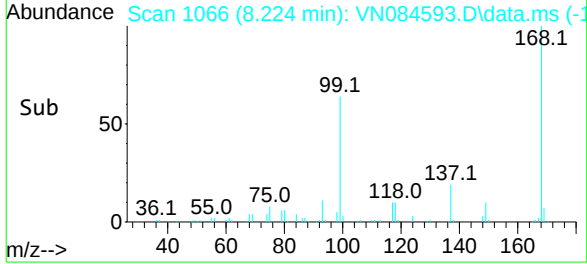
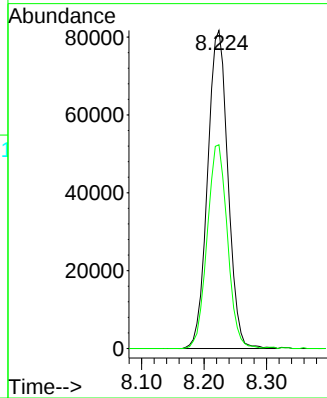


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084593.D
Acq: 31 Oct 2024 02:09

Instrument :
MSVOA_N
ClientSampleId :
BP-F12

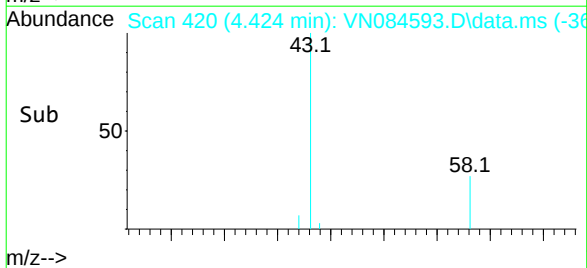
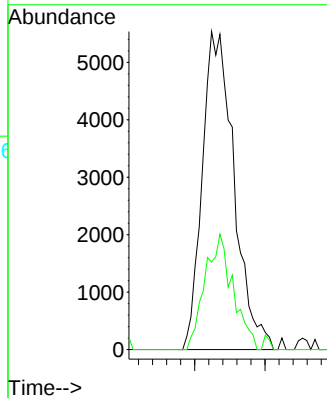
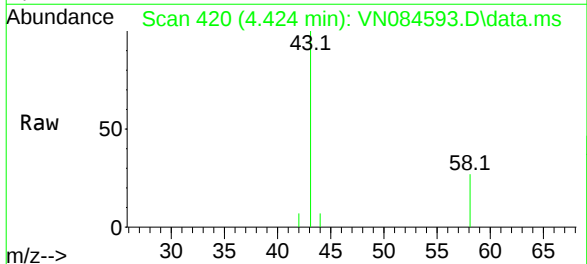


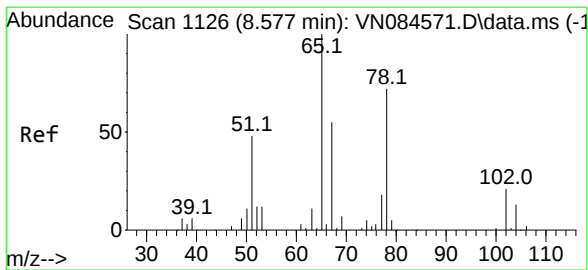
Tgt Ion:168 Resp: 184609
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2



#16
Acetone
Concen: 19.869 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084593.D
Acq: 31 Oct 2024 02:09

Tgt Ion: 43 Resp: 17326
Ion Ratio Lower Upper
43 100
58 27.5 24.4 36.6

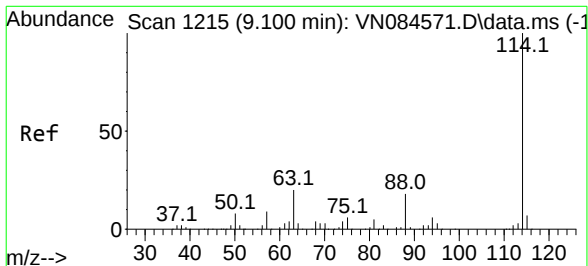
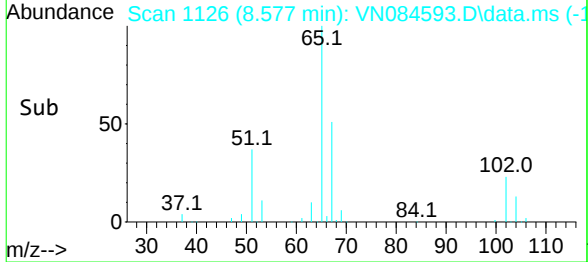
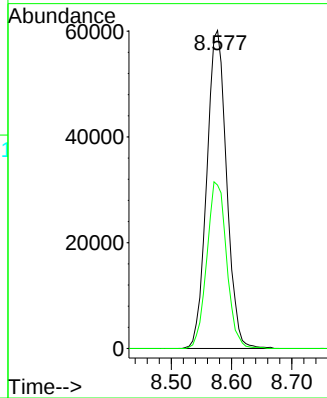
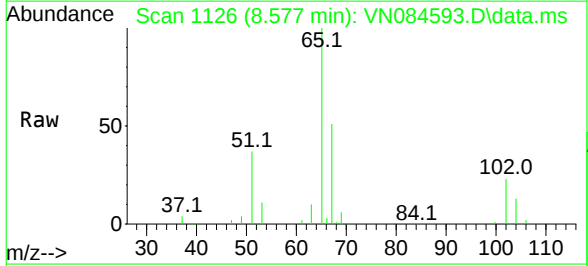




#33
1,2-Dichloroethane-d4
Concen: 51.561 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084593.D
Acq: 31 Oct 2024 02:09

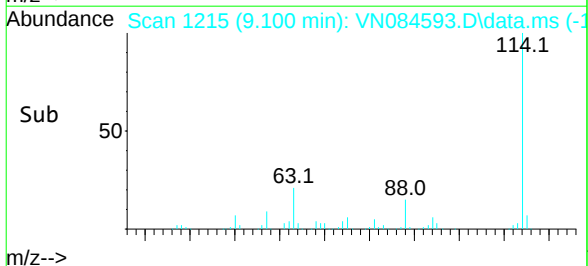
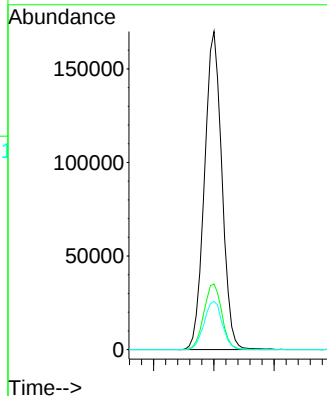
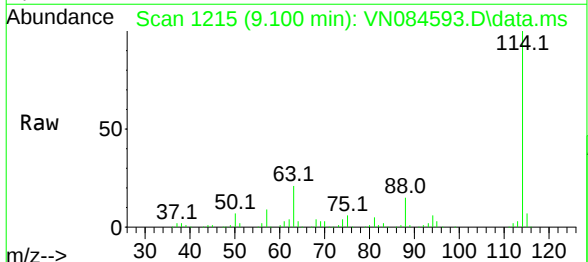
Instrument :
MSVOA_N
ClientSampleId :
BP-F12

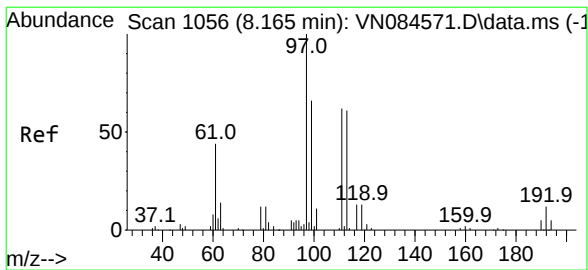
Tgt Ion: 65 Resp: 137480
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084593.D
Acq: 31 Oct 2024 02:09

Tgt Ion: 114 Resp: 341082
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.8
88 15.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.149 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084593.D

Acq: 31 Oct 2024 02:09

Instrument :

MSVOA_N

ClientSampleId :

BP-F12

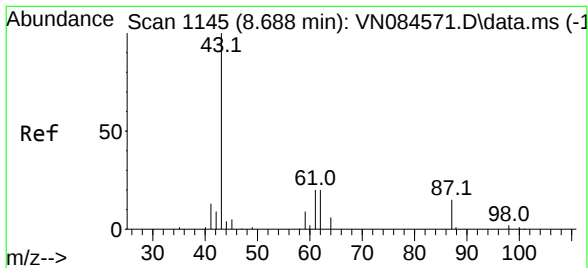
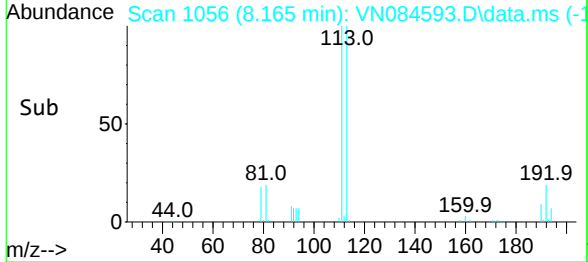
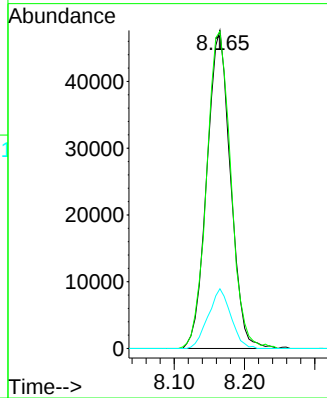
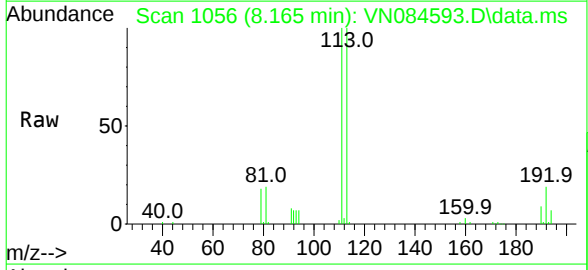
Tgt Ion:113 Resp: 111163

Ion Ratio Lower Upper

113 100

111 102.3 83.3 124.9

192 18.0 13.5 20.3



#43

Isopropyl Acetate

Concen: 24.654 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084593.D

Acq: 31 Oct 2024 02:09

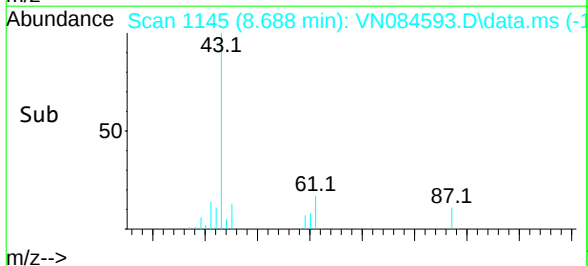
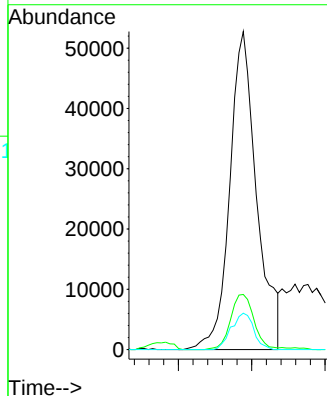
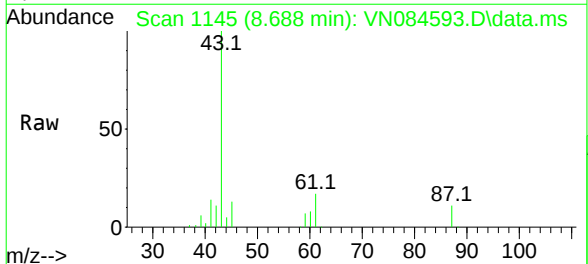
Tgt Ion: 43 Resp: 134942

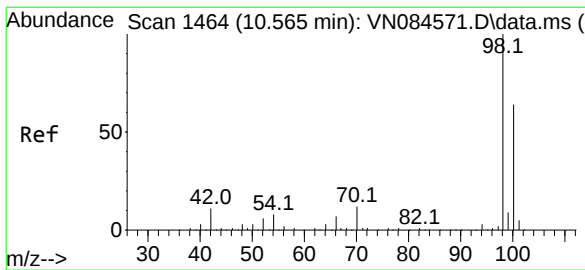
Ion Ratio Lower Upper

43 100

61 15.2 20.4 30.6#

87 9.5 10.3 15.5#





#50

Toluene-d8

Concen: 47.973 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084593.D

Acq: 31 Oct 2024 02:09

Instrument :

MSVOA_N

ClientSampleId :

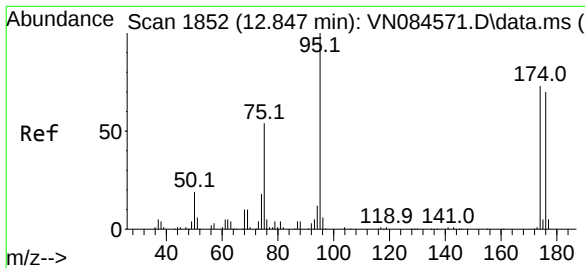
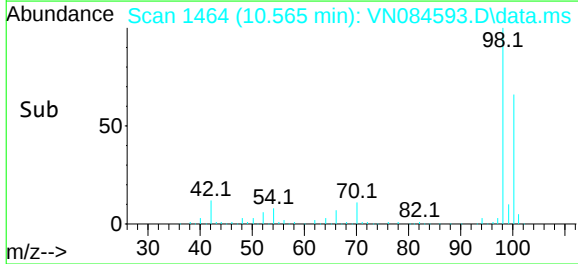
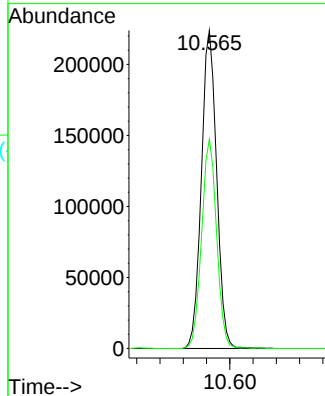
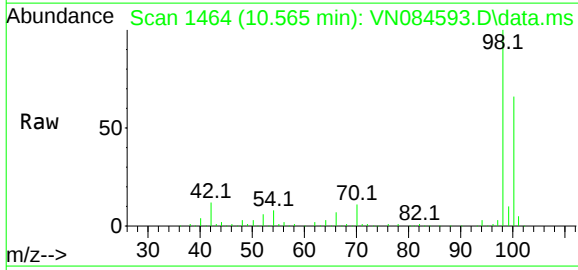
BP-F12

Tgt Ion: 98 Resp: 407989

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.873 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084593.D

Acq: 31 Oct 2024 02:09

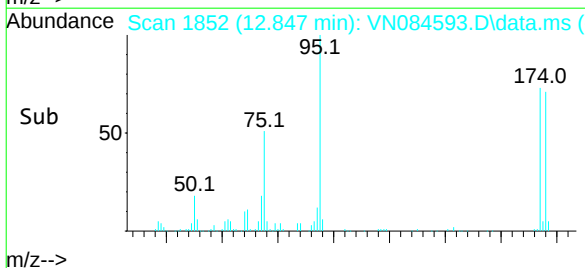
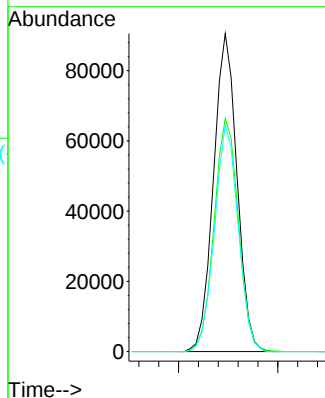
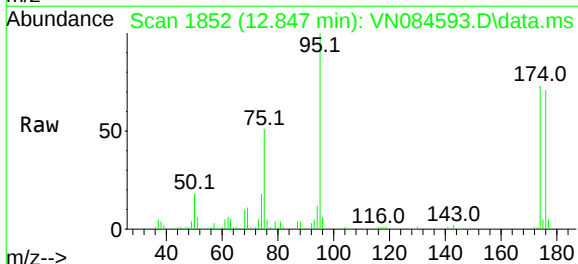
Tgt Ion: 95 Resp: 148981

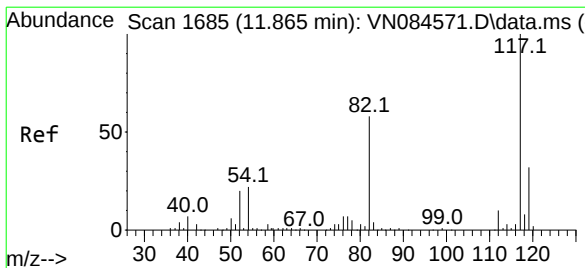
Ion Ratio Lower Upper

95 100

174 75.7 0.0 145.2

176 72.0 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: VN084593.D

Acq: 31 Oct 2024 02:09

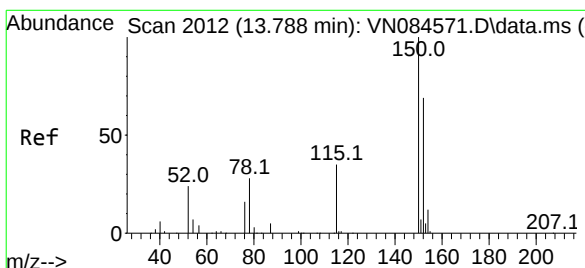
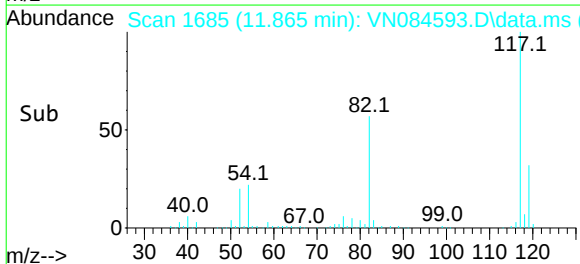
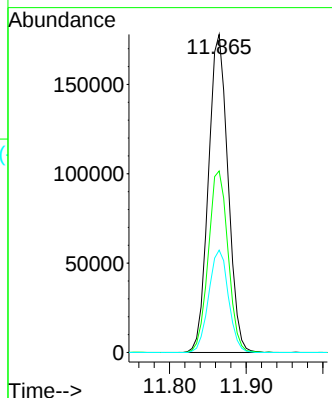
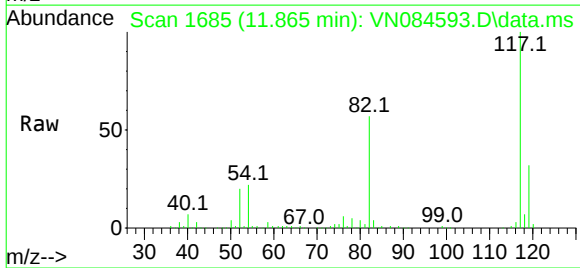
Instrument :

MSVOA_N

ClientSampleId :

BP-F12

Tgt Ion:	117	Resp:	315281
Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.2	70.8
119	32.2	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: VN084593.D

Acq: 31 Oct 2024 02:09

Tgt Ion:	152	Resp:	126962
Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.3	93.9
150	160.0	0.0	349.8

