

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084563.D
 Acq On : 29 Oct 2024 14:53
 Operator : JC\MD
 Sample : P4574-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GRAVEL-1

Quant Time: Oct 30 05:03:43 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)

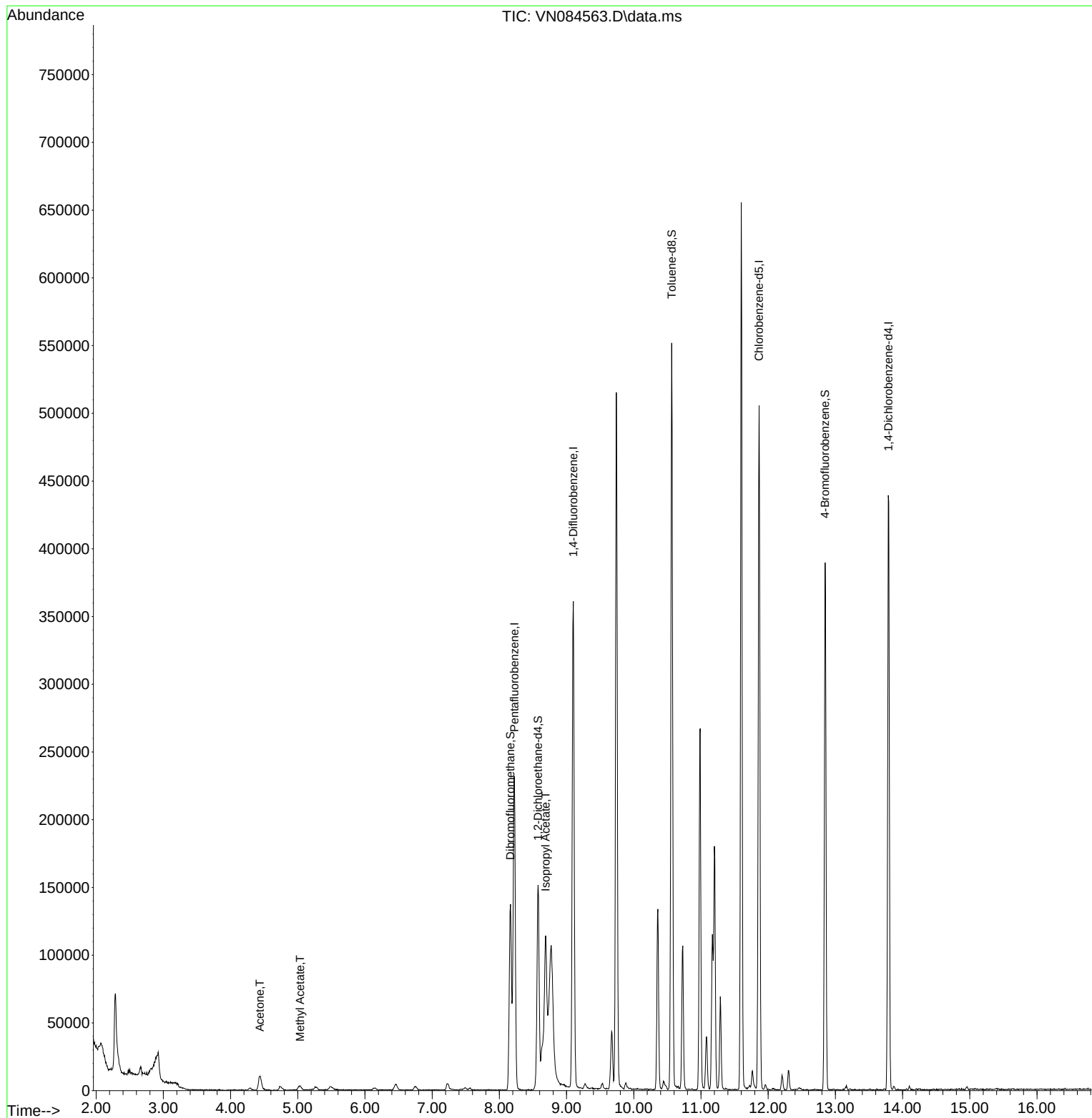
Internal Standards						
1) Pentafluorobenzene	8.224	168	167698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127467	51.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.520%
35) Dibromofluoromethane	8.165	113	98944	48.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	10.565	98	370348	49.151	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.847	95	136012	49.549	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.100%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	20913	19.579	ug/l	98
18) Methyl Acetate	5.036	43	6895	2.962	ug/l #	90
43) Isopropyl Acetate	8.688	43	167827	28.075	ug/l #	76

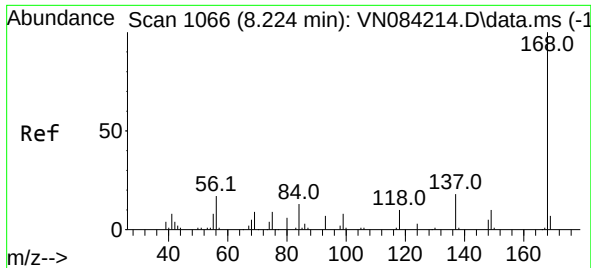
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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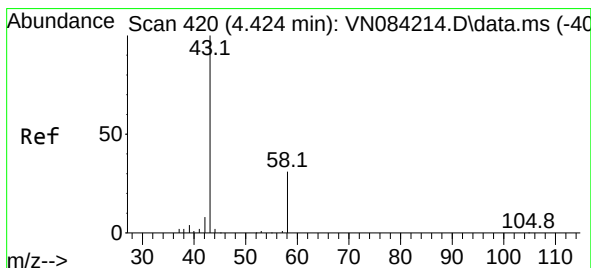
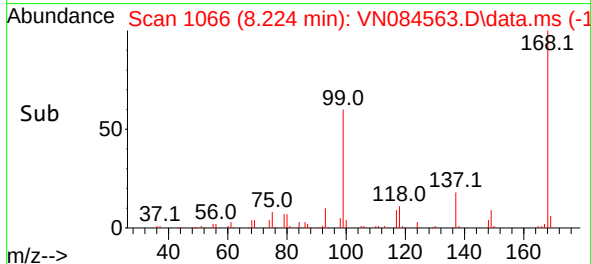
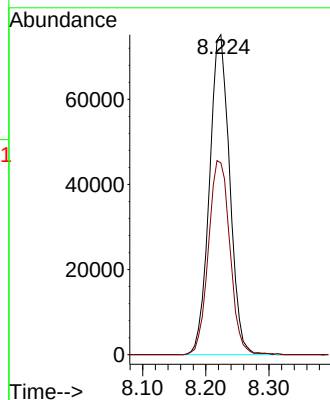
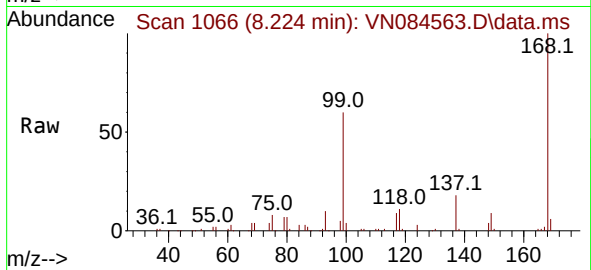




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084563.D
Acq: 29 Oct 2024 14:53

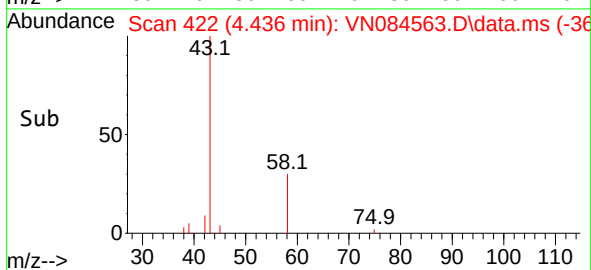
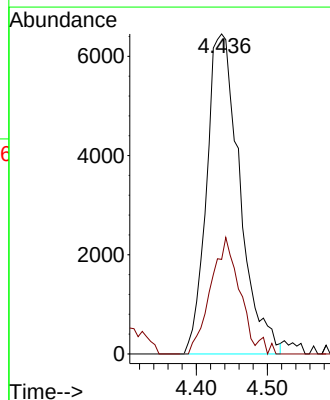
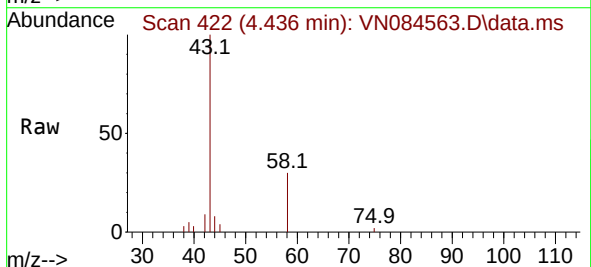
Instrument :
MSVOA_N
ClientSampleId :
GRAVEL-1

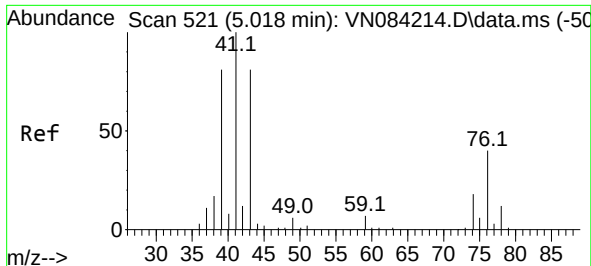
Tgt Ion:168 Resp: 167698
Ion Ratio Lower Upper
168 100
99 59.9 54.2 81.2



#16
Acetone
Concen: 19.579 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084563.D
Acq: 29 Oct 2024 14:53

Tgt Ion: 43 Resp: 20913
Ion Ratio Lower Upper
43 100
58 29.5 24.4 36.6

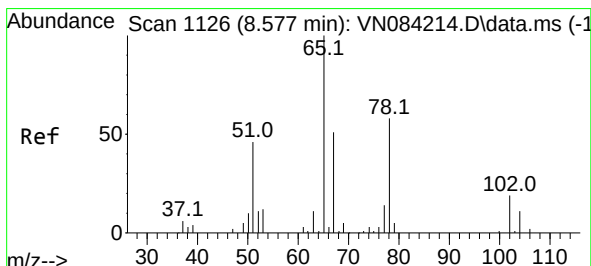
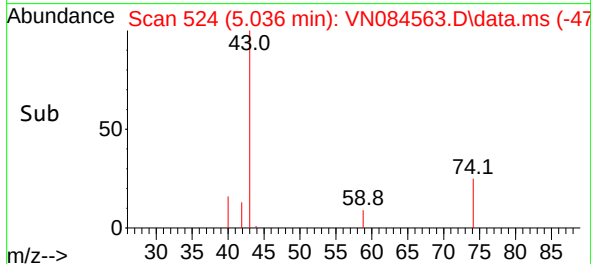
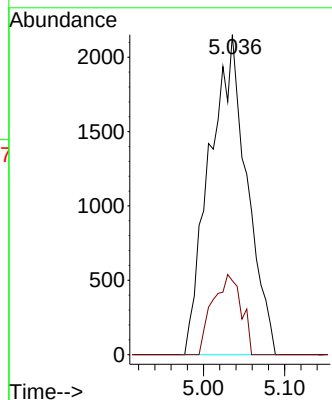
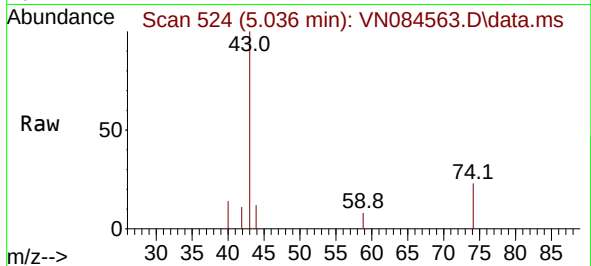




#18
Methyl Acetate
Concen: 2.962 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN084563.D
Acq: 29 Oct 2024 14:53

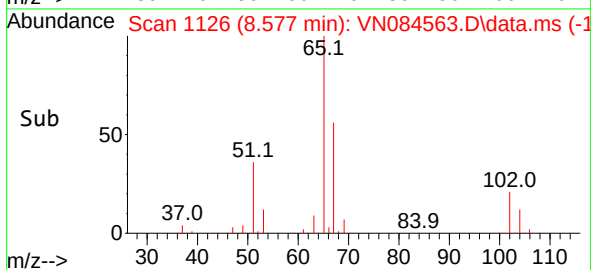
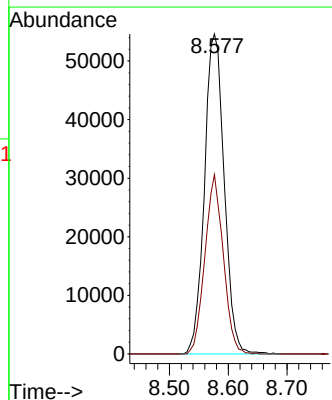
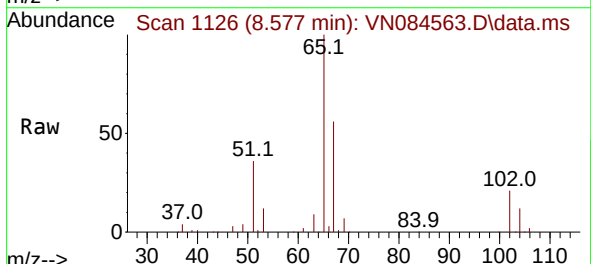
Instrument :
MSVOA_N
ClientSampleId :
GRAVEL-1

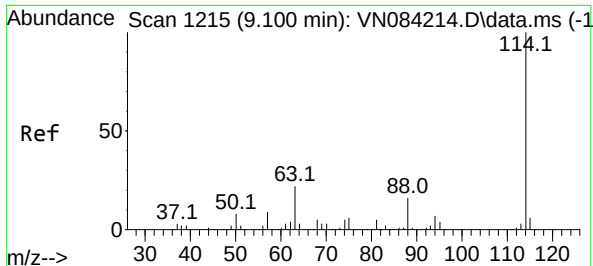
Tgt Ion: 43 Resp: 6895
Ion Ratio Lower Upper
43 100
74 19.1 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: 51.265 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084563.D
Acq: 29 Oct 2024 14:53

Tgt Ion: 65 Resp: 127467
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084563.D

Acq: 29 Oct 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

GRAVEL-1

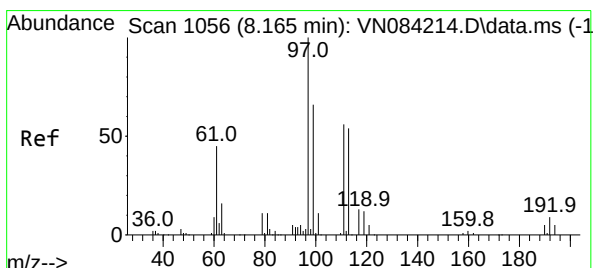
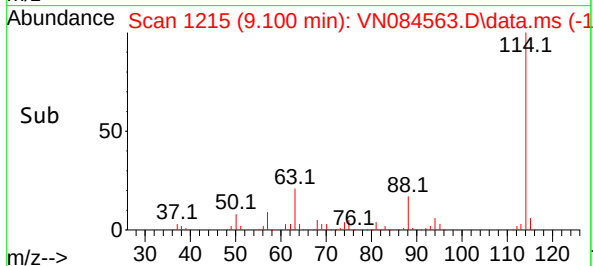
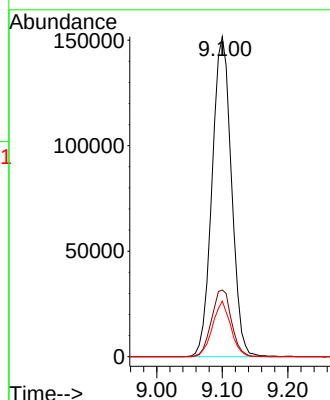
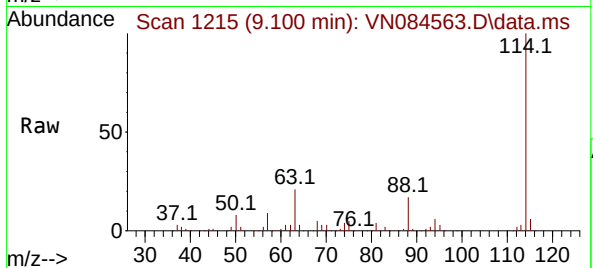
Tgt Ion:114 Resp: 310651

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 17.4 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.312 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084563.D

Acq: 29 Oct 2024 14:53

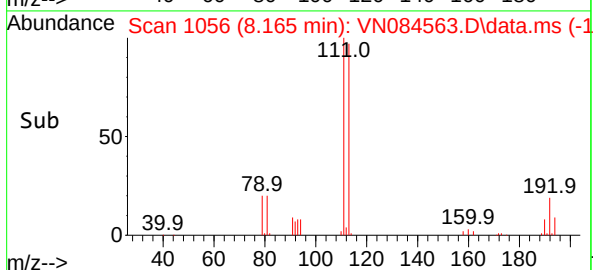
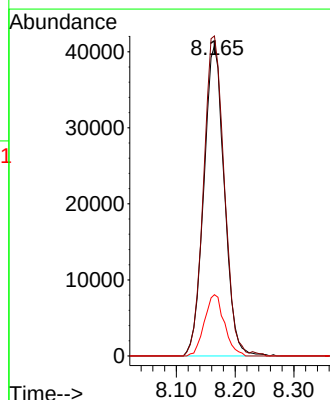
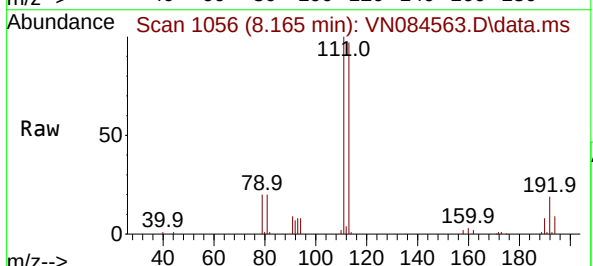
Tgt Ion:113 Resp: 98944

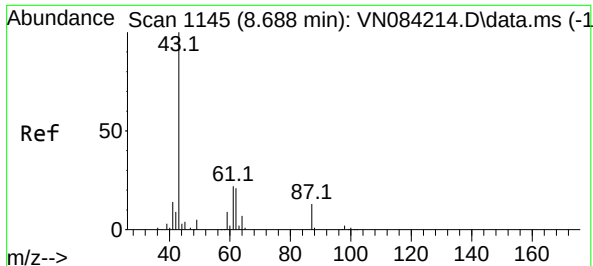
Ion Ratio Lower Upper

113 100

111 104.1 83.3 124.9

192 19.2 13.5 20.3





#43

Isopropyl Acetate

Concen: 28.075 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084563.D

Acq: 29 Oct 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

GRAVEL-1

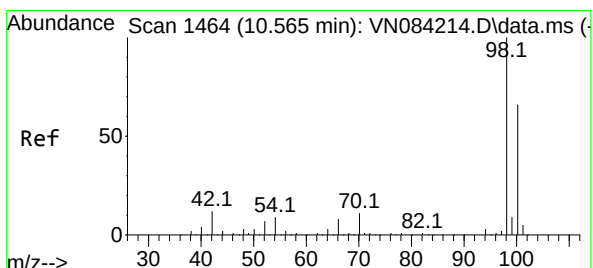
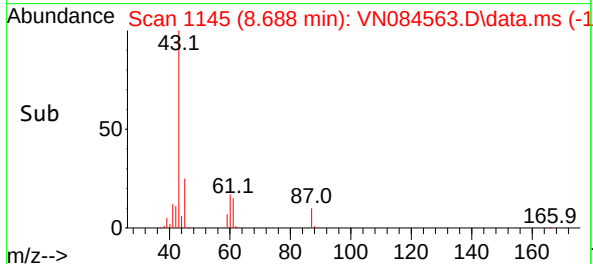
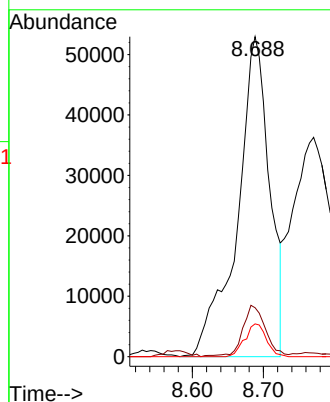
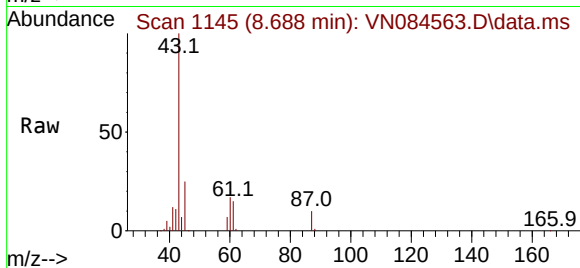
Tgt Ion: 43 Resp: 167827

Ion Ratio Lower Upper

43 100

61 11.3 20.4 30.6#

87 6.8 10.3 15.5#



#50

Toluene-d8

Concen: 49.151 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084563.D

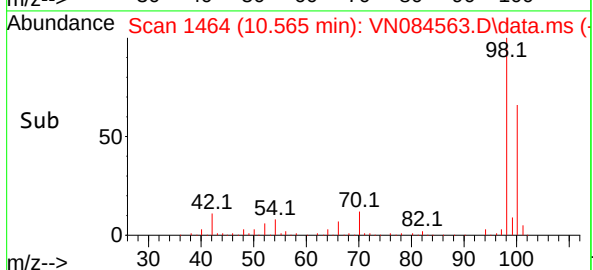
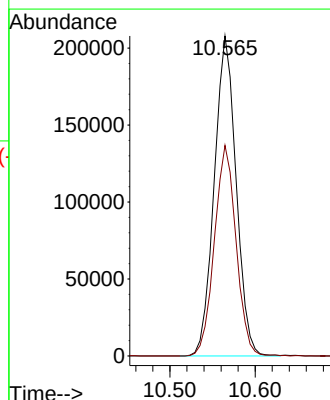
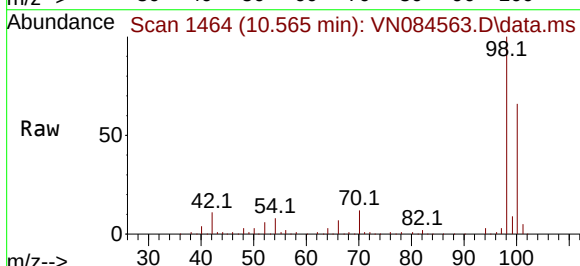
Acq: 29 Oct 2024 14:53

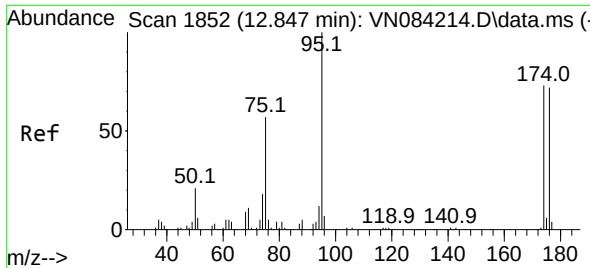
Tgt Ion: 98 Resp: 370348

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1

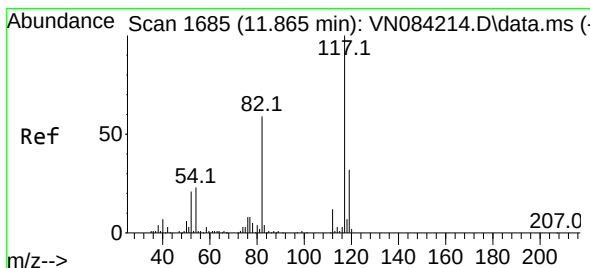
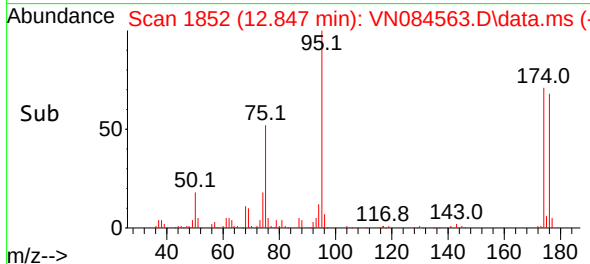
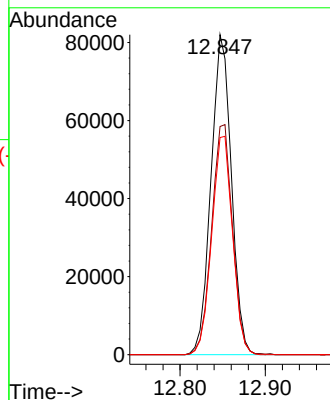
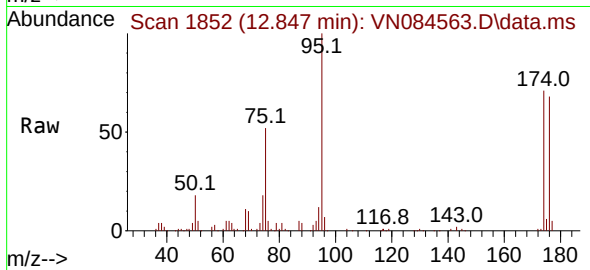




#62
4-Bromofluorobenzene
Concen: 49.549 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084563.D
Acq: 29 Oct 2024 14:53

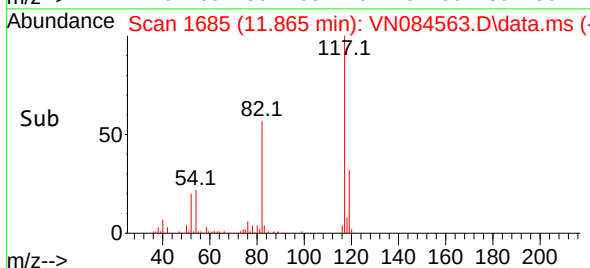
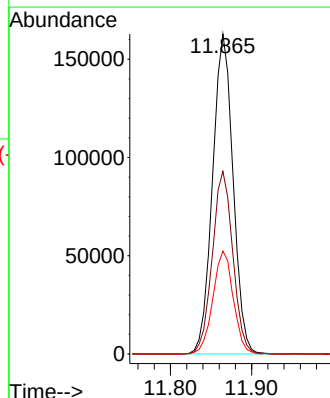
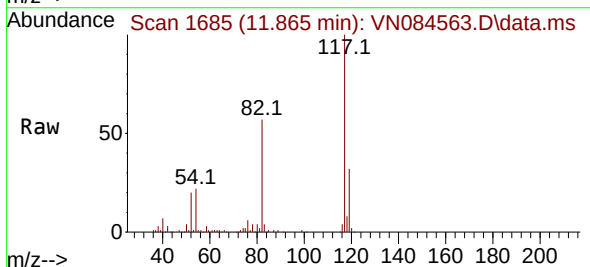
Instrument :
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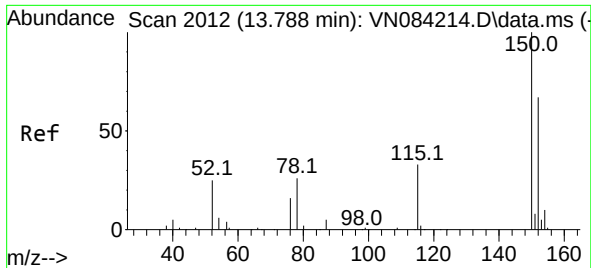
Tgt Ion: 95 Resp: 136012
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.2
176 69.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084563.D
Acq: 29 Oct 2024 14:53

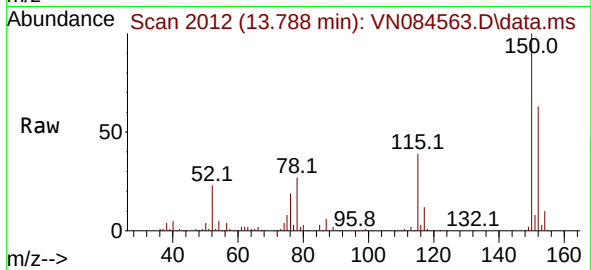
Tgt Ion: 117 Resp: 285743
Ion Ratio Lower Upper
117 100
82 57.0 47.2 70.8
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084563.D
 Acq: 29 Oct 2024 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 GRAVEL-1



Tgt Ion:152 Resp: 120529
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.3 93.9
 150 158.5 0.0 349.8

