

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084558.D
 Acq On : 29 Oct 2024 12:53
 Operator : JC\MD
 Sample : P4547-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-F-20

Quant Time: Oct 30 05:01:11 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)

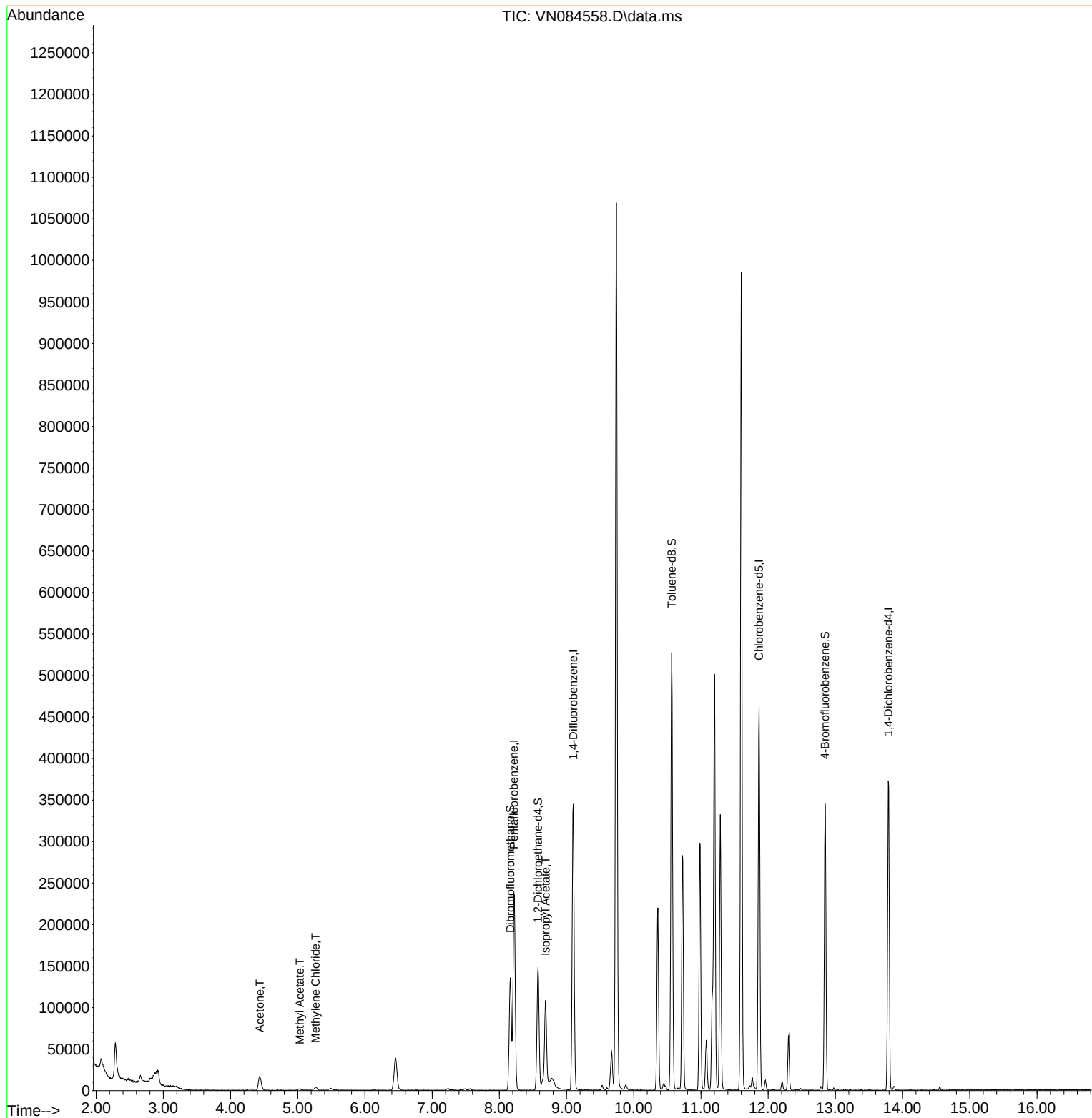
Internal Standards						
1) Pentafluorobenzene	8.218	168	169528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122489	48.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.460%
35) Dibromofluoromethane	8.165	113	96707	49.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.400%
50) Toluene-d8	10.565	98	365473	51.048	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.847	95	123940	47.519	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.040%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	31707	29.364	ug/l #	86
18) Methyl Acetate	5.030	43	3310	1.406	ug/l	93
20) Methylene Chloride	5.265	84	2627	1.197	ug/l #	91
43) Isopropyl Acetate	8.688	43	133121	23.437	ug/l #	86

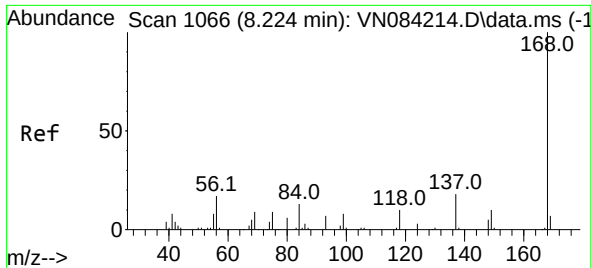
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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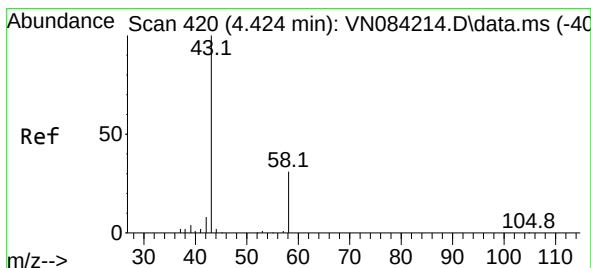
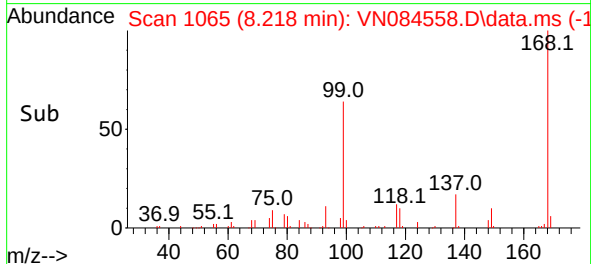
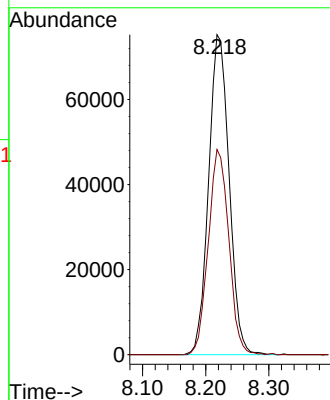
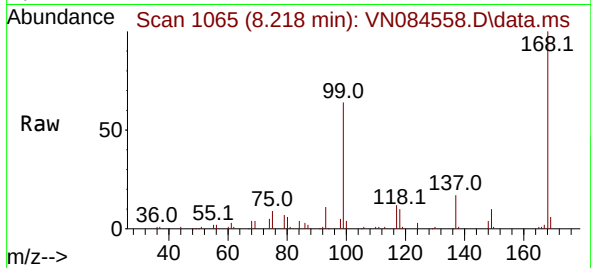




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

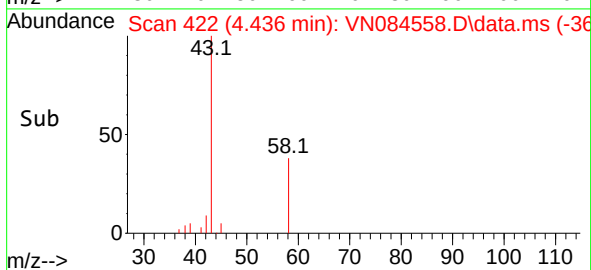
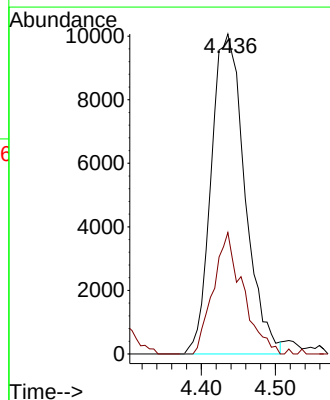
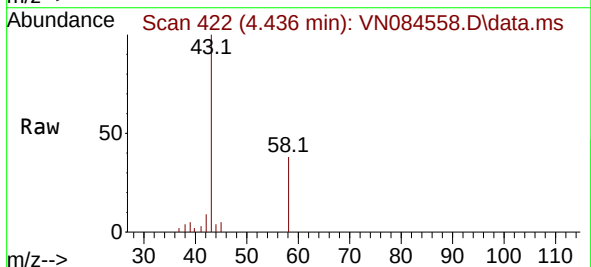
Instrument :
MSVOA_N
ClientSampleId :
BP-F-20

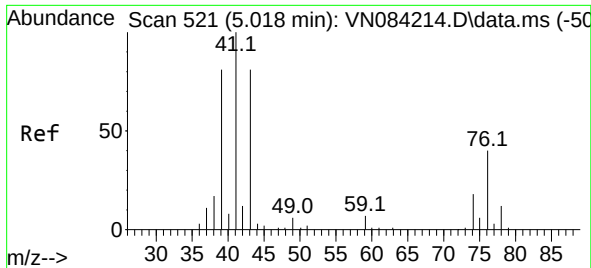
Tgt Ion:168 Resp: 169528
Ion Ratio Lower Upper
168 100
99 64.1 54.2 81.2



#16
Acetone
Concen: 29.364 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 43 Resp: 31707
Ion Ratio Lower Upper
43 100
58 38.0 24.4 36.6#

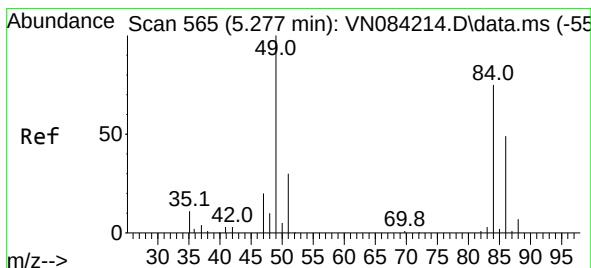
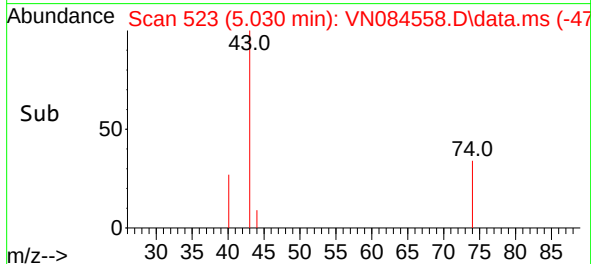
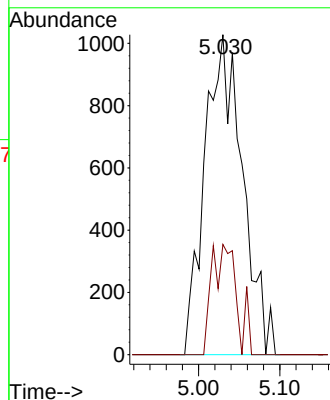
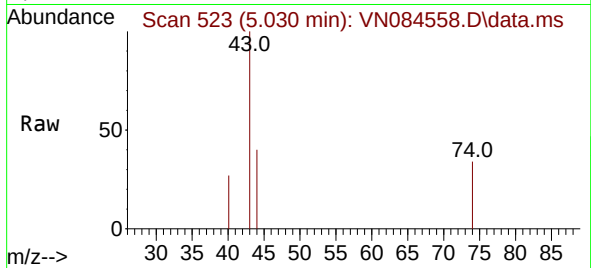




#18
Methyl Acetate
Concen: 1.406 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

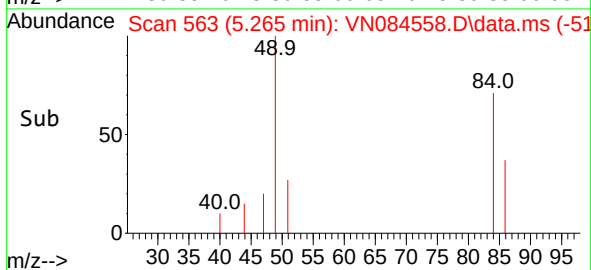
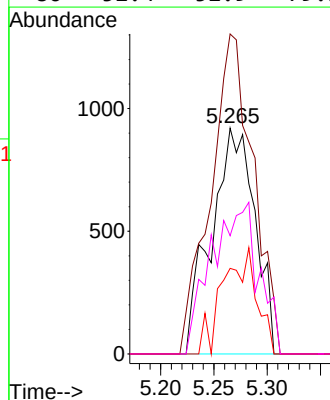
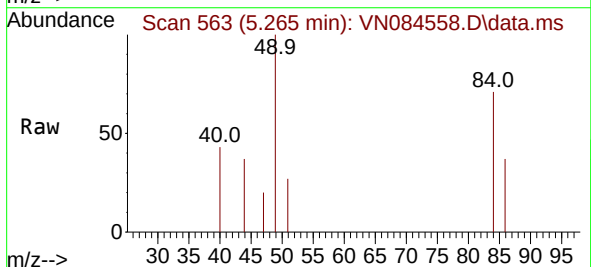
Instrument :
MSVOA_N
ClientSampleId :
BP-F-20

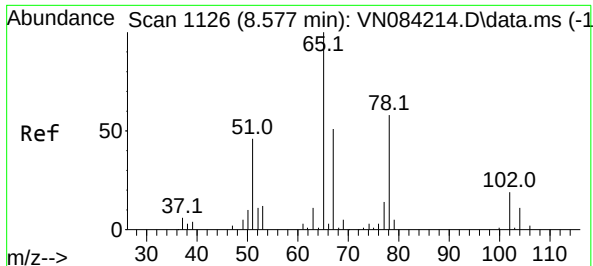
Tgt Ion: 43 Resp: 3310
Ion Ratio Lower Upper
43 100
74 20.4 19.2 28.8



#20
Methylene Chloride
Concen: 1.197 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 84 Resp: 2627
Ion Ratio Lower Upper
84 100
49 141.7 107.2 160.8
51 37.9 31.8 47.8
86 52.4 52.9 79.3#





#33

1,2-Dichloroethane-d4

Concen: 48.731 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084558.D

Acq: 29 Oct 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

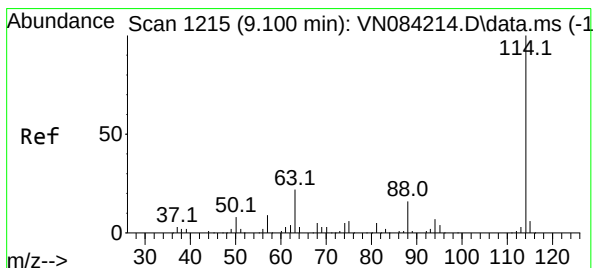
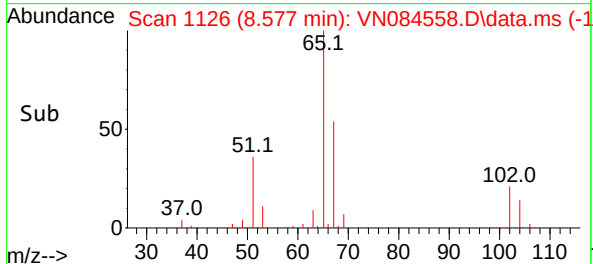
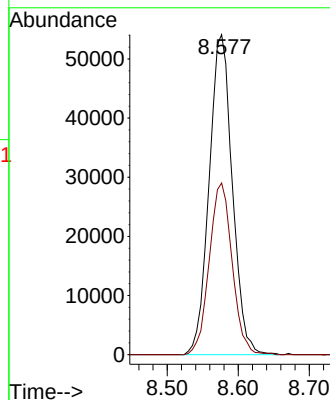
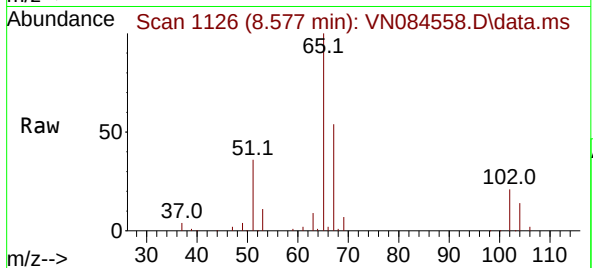
BP-F-20

Tgt Ion: 65 Resp: 122489

Ion Ratio Lower Upper

65 100

67 53.1 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: VN084558.D

Acq: 29 Oct 2024 12:53

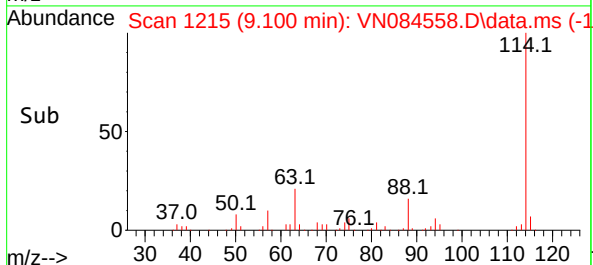
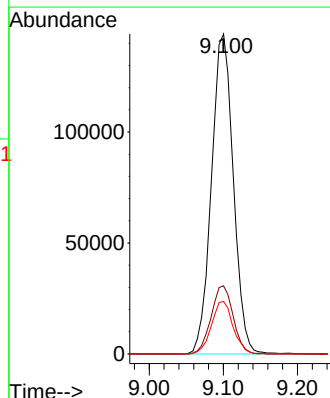
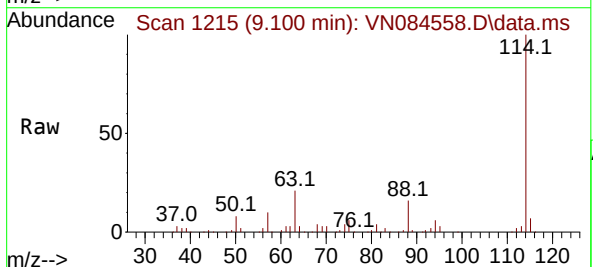
Tgt Ion: 114 Resp: 295173

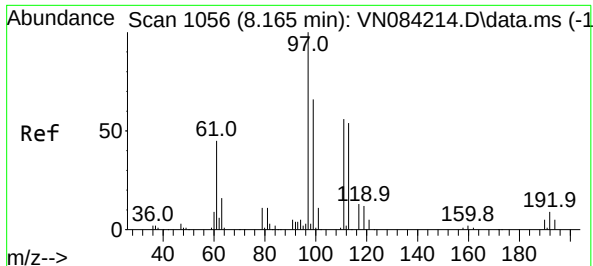
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.8

88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.696 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN084558.D

Acq: 29 Oct 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

BP-F-20

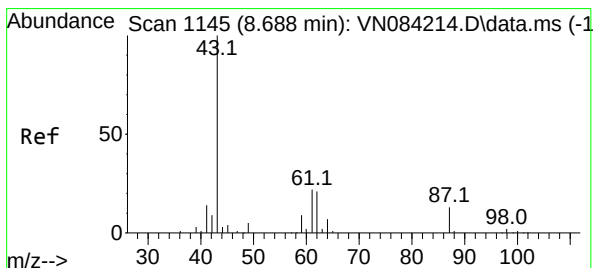
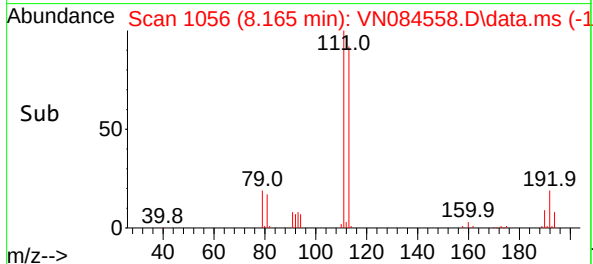
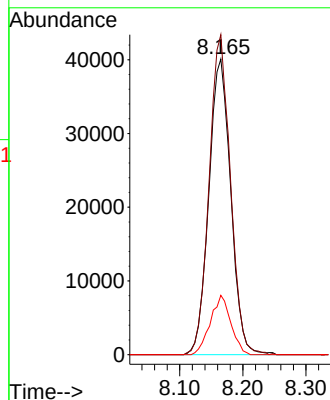
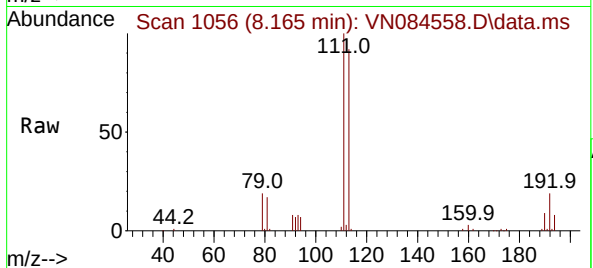
Tgt Ion:113 Resp: 96707

Ion Ratio Lower Upper

113 100

111 105.0 83.3 124.9

192 18.8 13.5 20.3



#43

Isopropyl Acetate

Concen: 23.437 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084558.D

Acq: 29 Oct 2024 12:53

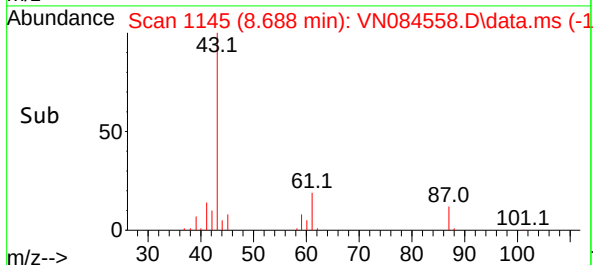
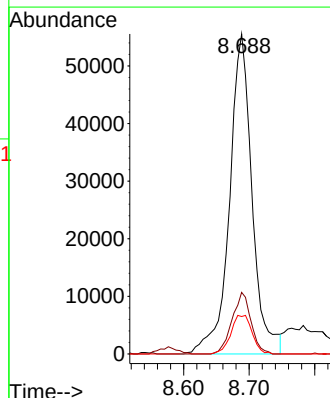
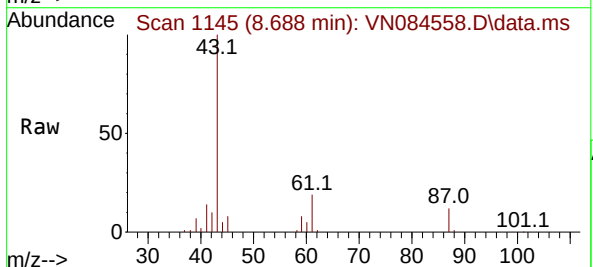
Tgt Ion: 43 Resp: 133121

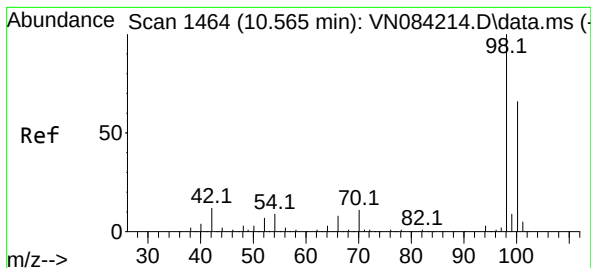
Ion Ratio Lower Upper

43 100

61 16.1 20.4 30.6#

87 11.3 10.3 15.5





#50

Toluene-d8

Concen: 51.048 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084558.D

Acq: 29 Oct 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

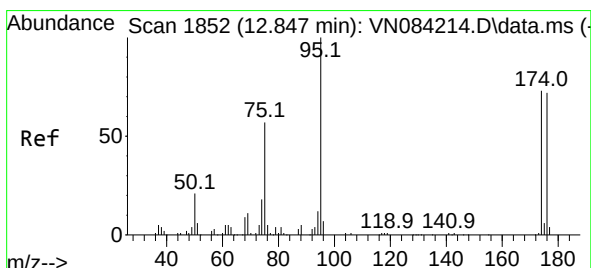
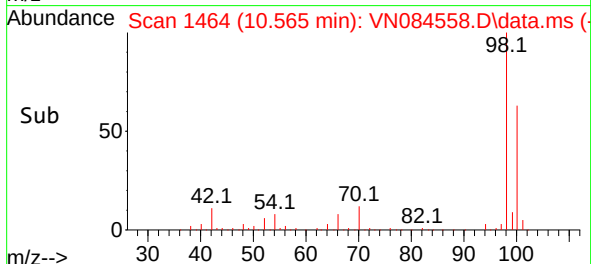
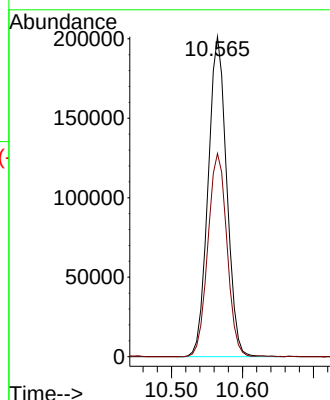
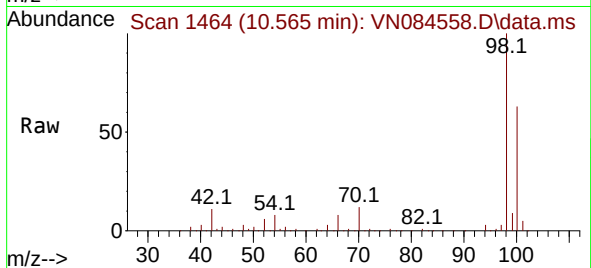
BP-F-20

Tgt Ion: 98 Resp: 365473

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 47.519 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084558.D

Acq: 29 Oct 2024 12:53

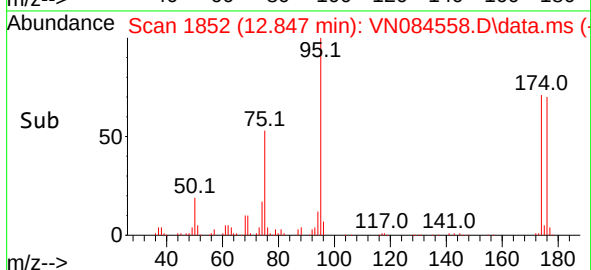
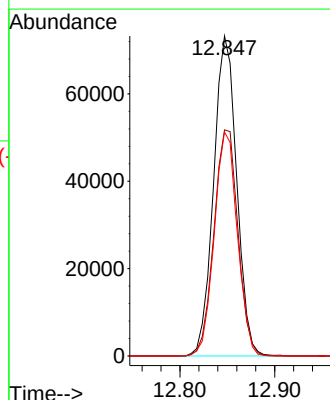
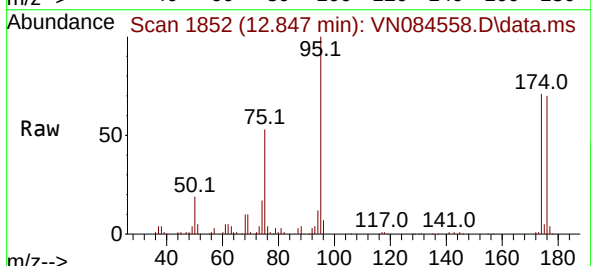
Tgt Ion: 95 Resp: 123940

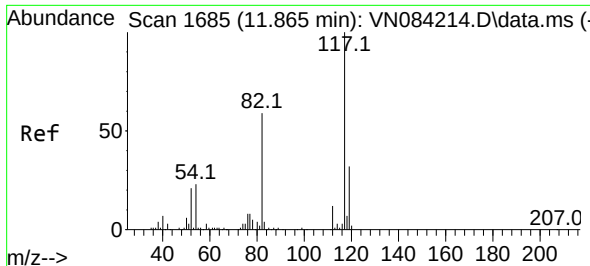
Ion Ratio Lower Upper

95 100

174 73.8 0.0 145.2

176 70.1 0.0 140.0

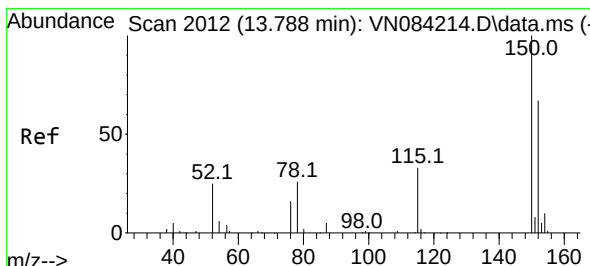
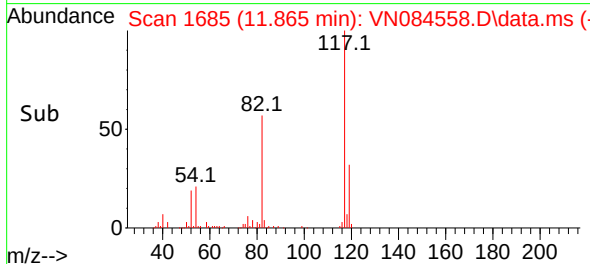
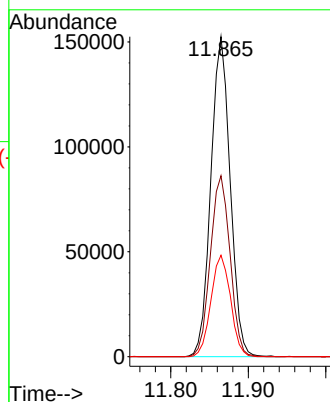
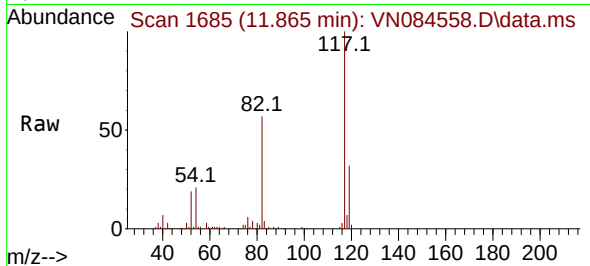




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
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BP-F-20

Tgt Ion:117 Resp: 264179
Ion Ratio Lower Upper
117 100
82 56.6 47.2 70.8
119 31.7 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: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion:152 Resp: 103307
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.9
150 159.6 0.0 349.8

