

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084560.D
 Acq On : 29 Oct 2024 13:41
 Operator : JC\MD
 Sample : P4561-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-F-18

Quant Time: Oct 30 05:02:12 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)

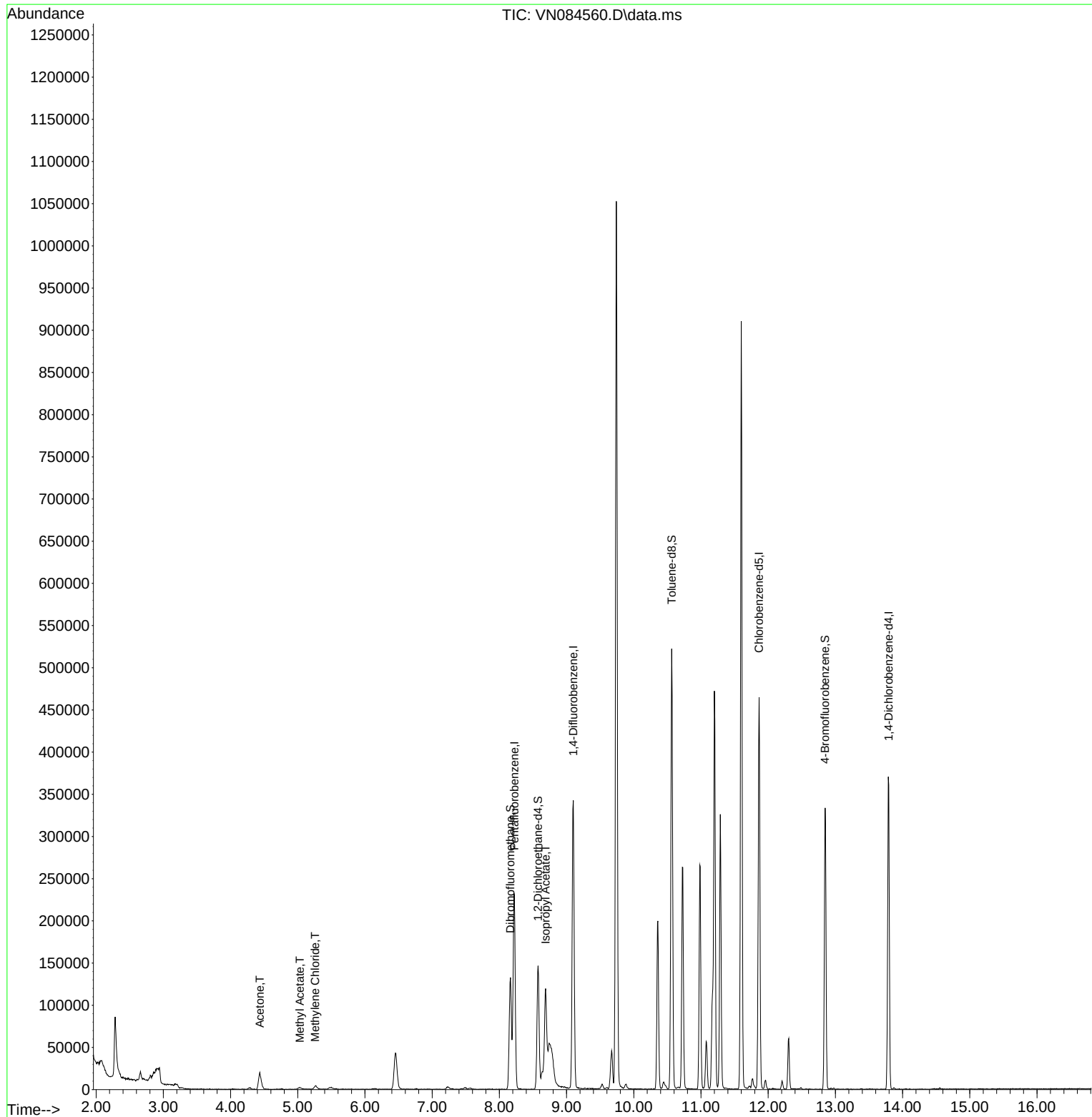
Internal Standards						
1) Pentafluorobenzene	8.224	168	165016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120399	49.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.420%
35) Dibromofluoromethane	8.165	113	96874	49.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.880%
50) Toluene-d8	10.565	98	358238	49.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.847	95	120153	45.753	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.500%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	35815	34.076	ug/l	95
18) Methyl Acetate	5.030	43	4718	2.060	ug/l #	81
20) Methylene Chloride	5.259	84	3195	1.495	ug/l #	69
43) Isopropyl Acetate	8.688	43	156925	27.440	ug/l #	82

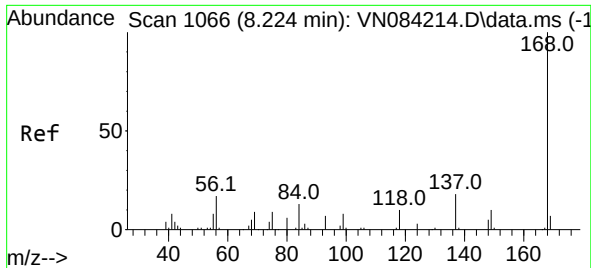
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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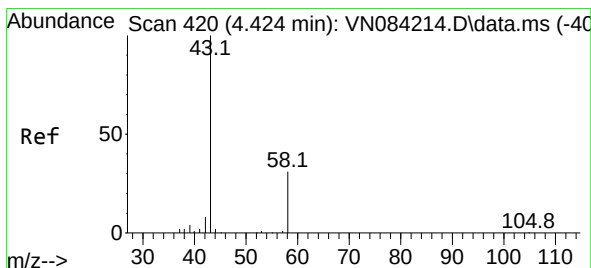
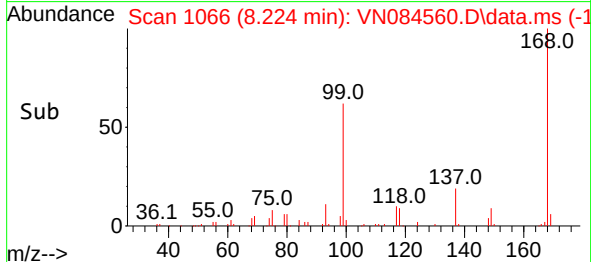
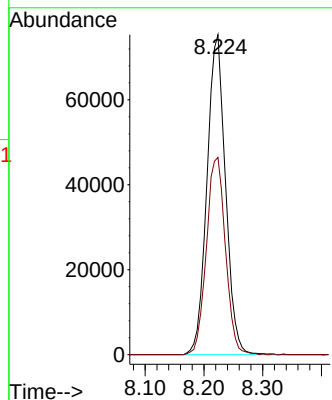
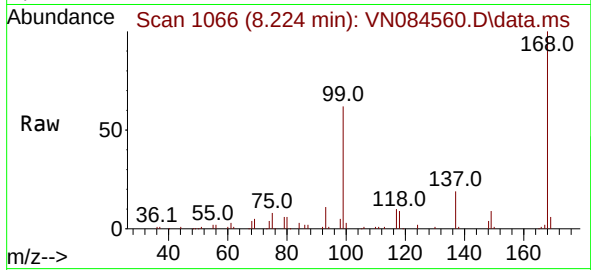




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084560.D
Acq: 29 Oct 2024 13:41

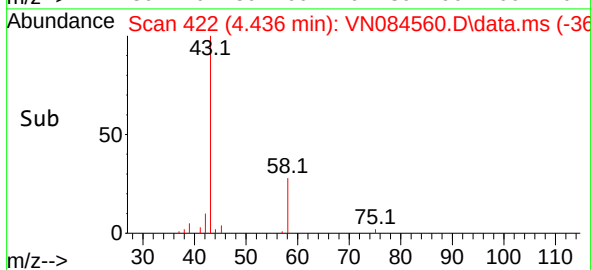
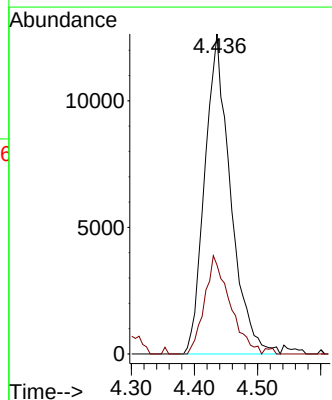
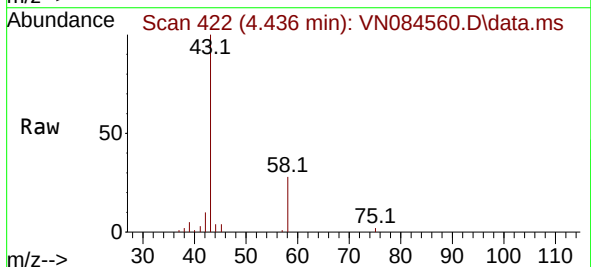
Instrument :
MSVOA_N
ClientSampleId :
BP-F-18

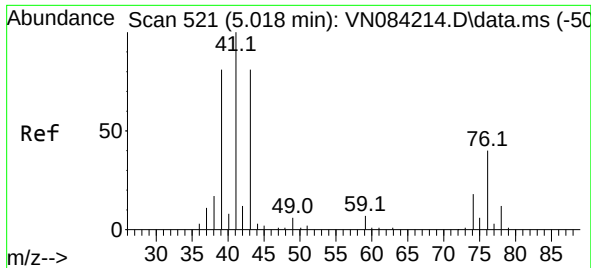
Tgt Ion:168 Resp: 165016
Ion Ratio Lower Upper
168 100
99 61.6 54.2 81.2



#16
Acetone
Concen: 34.076 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084560.D
Acq: 29 Oct 2024 13:41

Tgt Ion: 43 Resp: 35815
Ion Ratio Lower Upper
43 100
58 27.8 24.4 36.6

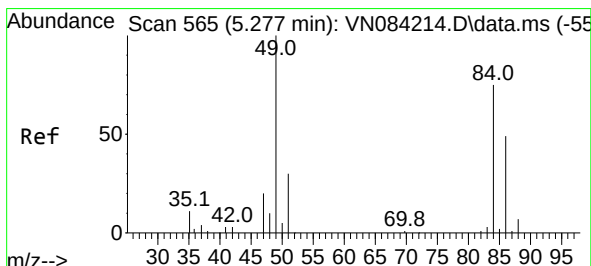
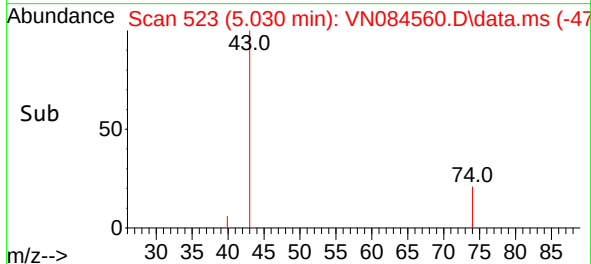
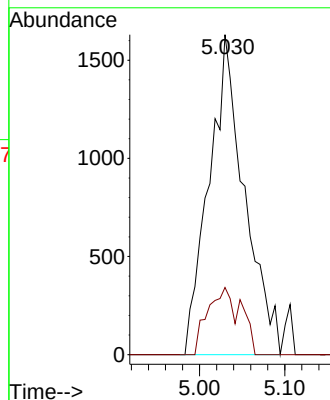
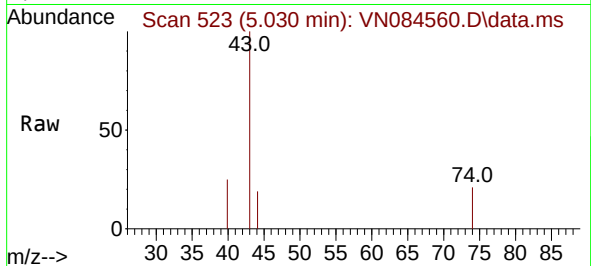




#18
Methyl Acetate
Concen: 2.060 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084560.D
Acq: 29 Oct 2024 13:41

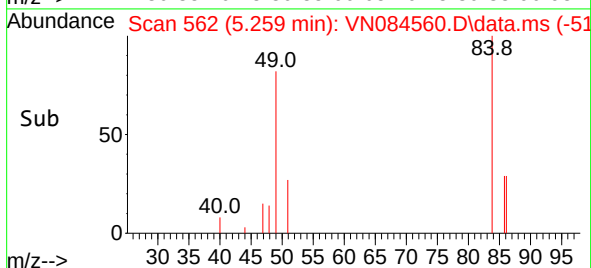
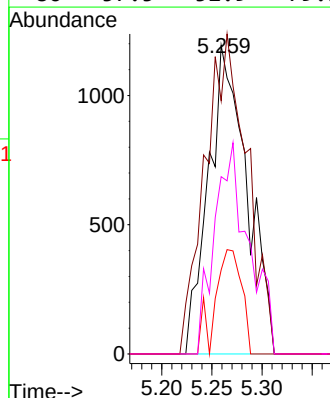
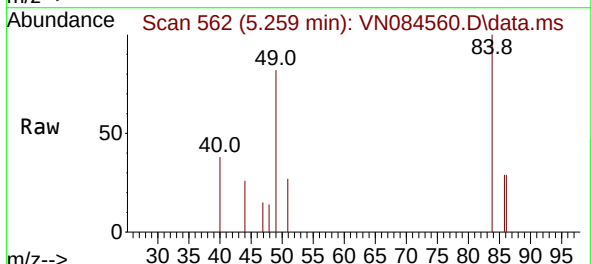
Instrument :
MSVOA_N
ClientSampleId :
BP-F-18

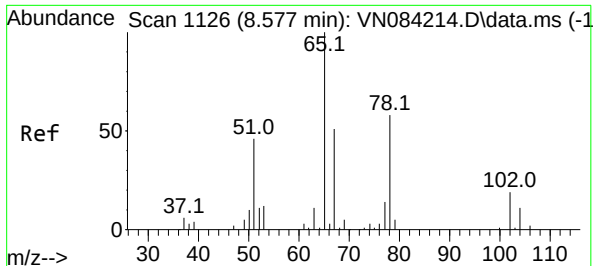
Tgt Ion: 43 Resp: 4718
Ion Ratio Lower Upper
43 100
74 14.6 19.2 28.8#



#20
Methylene Chloride
Concen: 1.495 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN084560.D
Acq: 29 Oct 2024 13:41

Tgt Ion: 84 Resp: 3195
Ion Ratio Lower Upper
84 100
49 82.1 107.2 160.8#
51 27.2 31.8 47.8#
86 57.5 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 49.209 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084560.D

Acq: 29 Oct 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

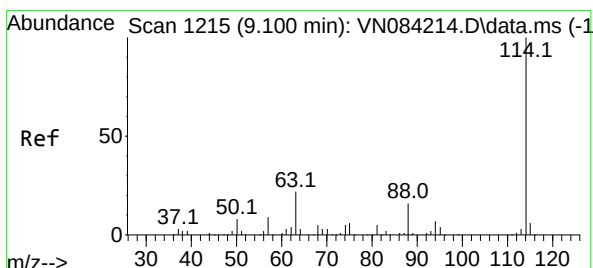
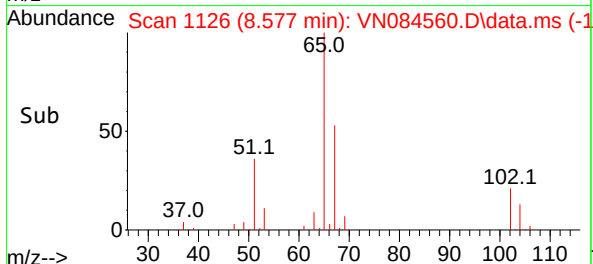
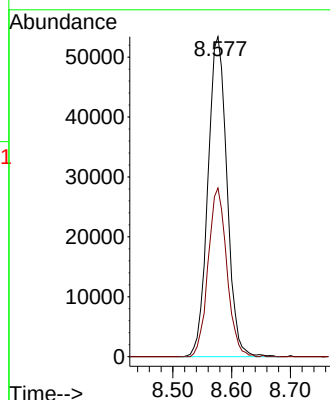
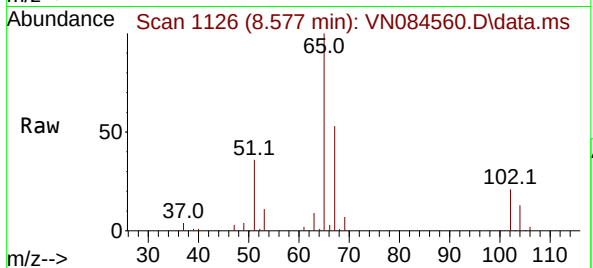
BP-F-18

Tgt Ion: 65 Resp: 120399

Ion Ratio Lower Upper

65 100

67 51.6 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: VN084560.D

Acq: 29 Oct 2024 13:41

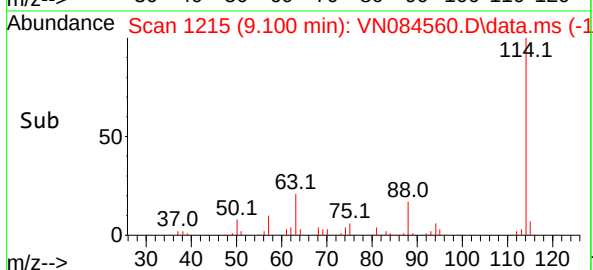
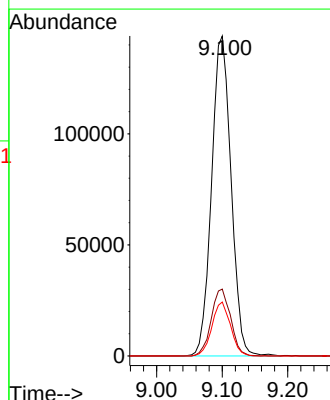
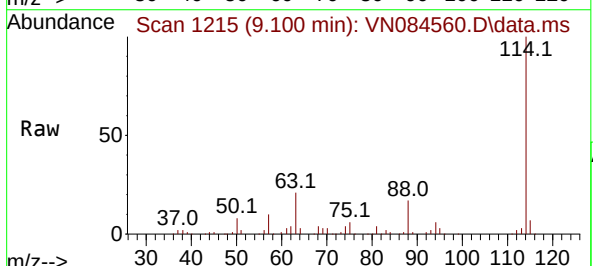
Tgt Ion: 114 Resp: 297195

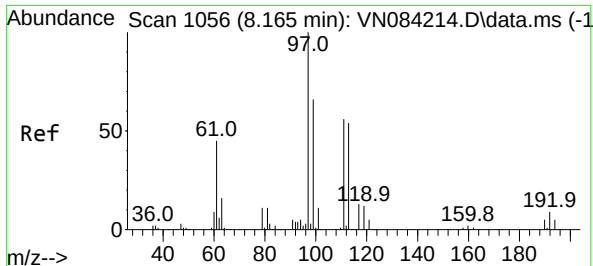
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

88 16.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.443 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN084560.D

Acq: 29 Oct 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

BP-F-18

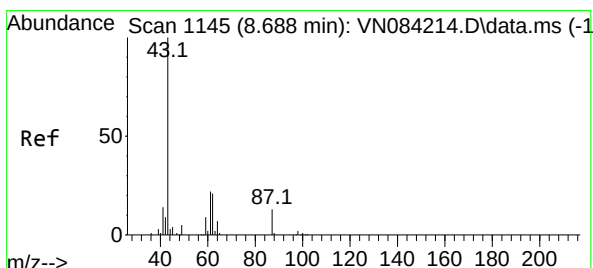
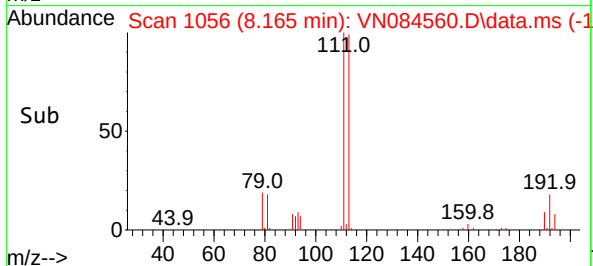
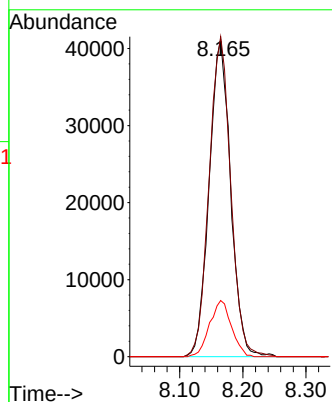
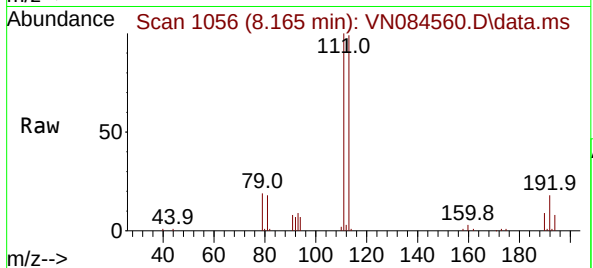
Tgt Ion:113 Resp: 96874

Ion Ratio Lower Upper

113 100

111 101.9 83.3 124.9

192 18.1 13.5 20.3



#43

Isopropyl Acetate

Concen: 27.440 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084560.D

Acq: 29 Oct 2024 13:41

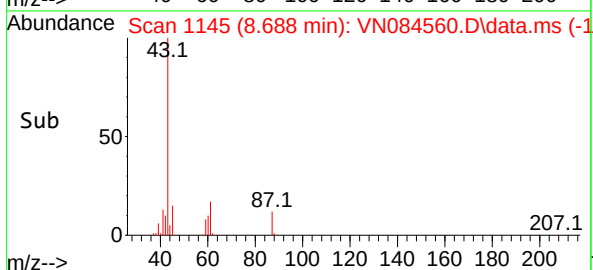
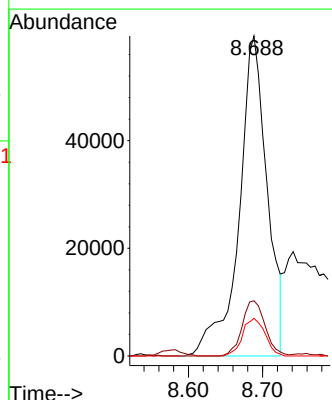
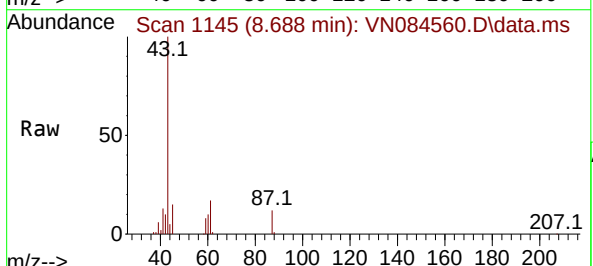
Tgt Ion: 43 Resp: 156925

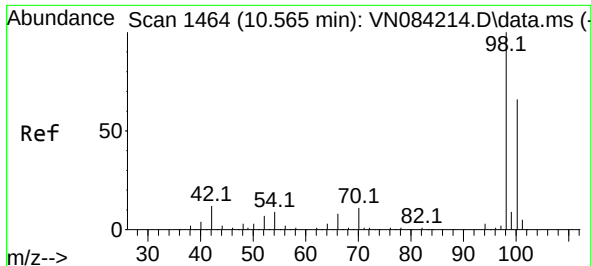
Ion Ratio Lower Upper

43 100

61 14.1 20.4 30.6#

87 9.4 10.3 15.5#

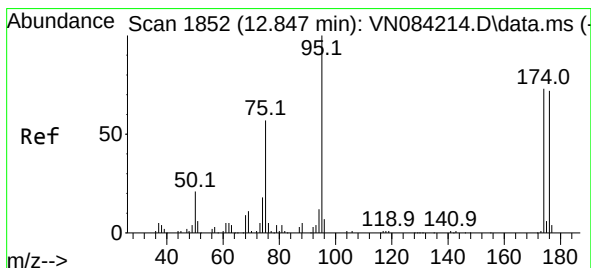
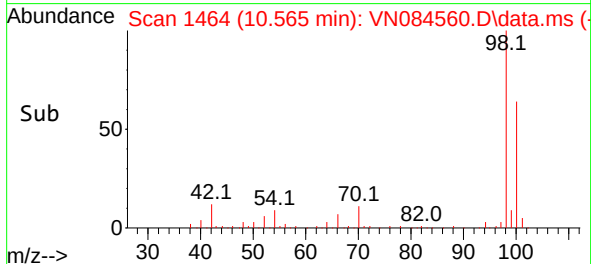
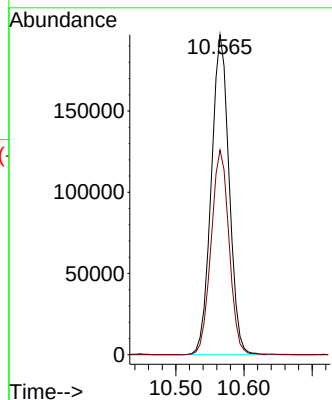
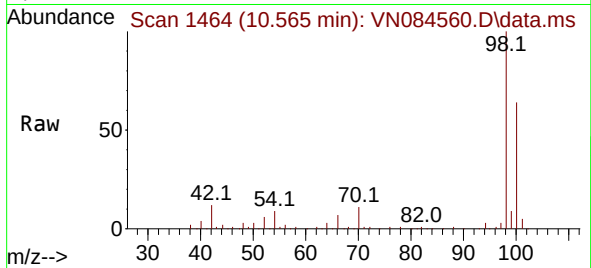




#50
Toluene-d8
Concen: 49.697 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084560.D
Acq: 29 Oct 2024 13:41

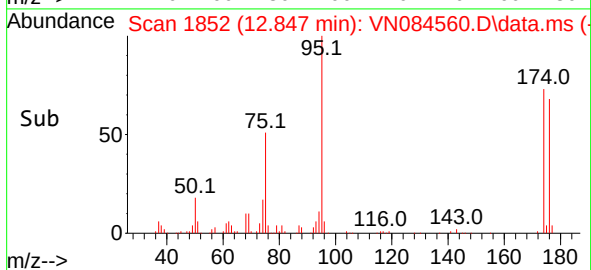
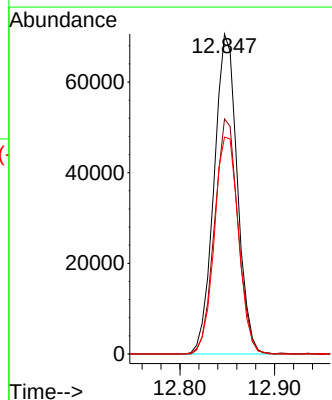
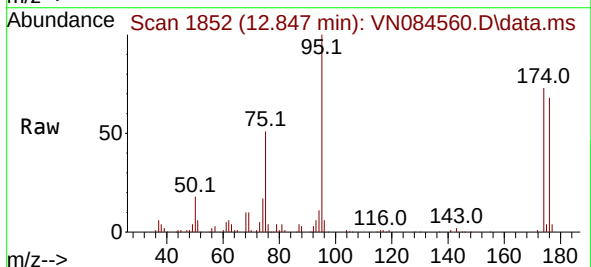
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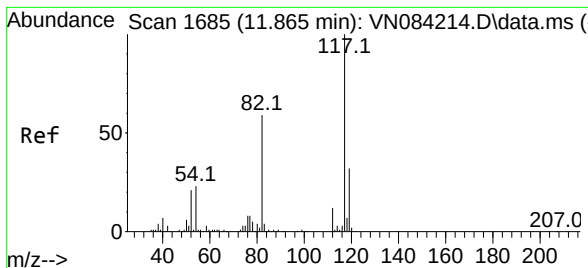
Tgt Ion: 98 Resp: 358238
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.753 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084560.D
Acq: 29 Oct 2024 13:41

Tgt Ion: 95 Resp: 120153
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 70.8 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: VN084560.D

Acq: 29 Oct 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

BP-F-18

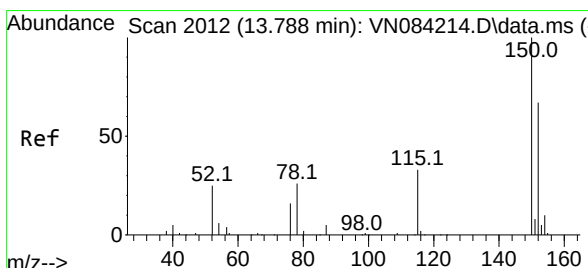
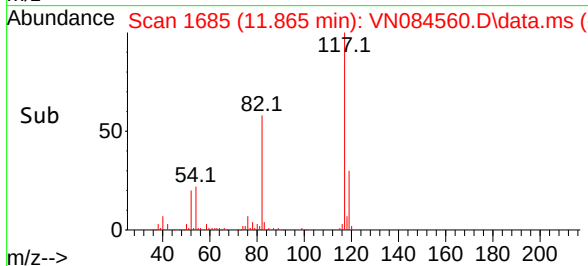
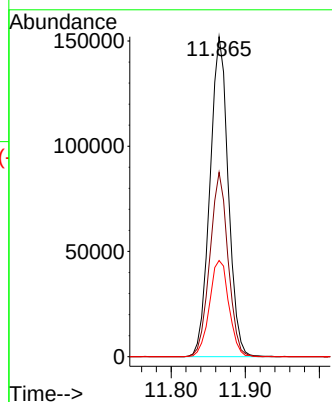
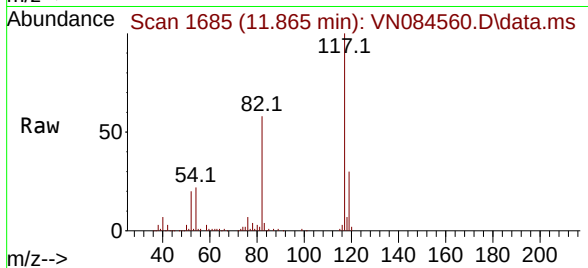
Tgt Ion:117 Resp: 260549

Ion Ratio Lower Upper

117 100

82 57.6 47.2 70.8

119 30.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084560.D

Acq: 29 Oct 2024 13:41

Tgt Ion:152 Resp: 100300

Ion Ratio Lower Upper

152 100

115 63.0 31.3 93.9

150 158.5 0.0 349.8

