

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084559.D
 Acq On : 29 Oct 2024 13:17
 Operator : JC\MD
 Sample : P4561-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-F-19

Quant Time: Oct 30 05:01:42 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)

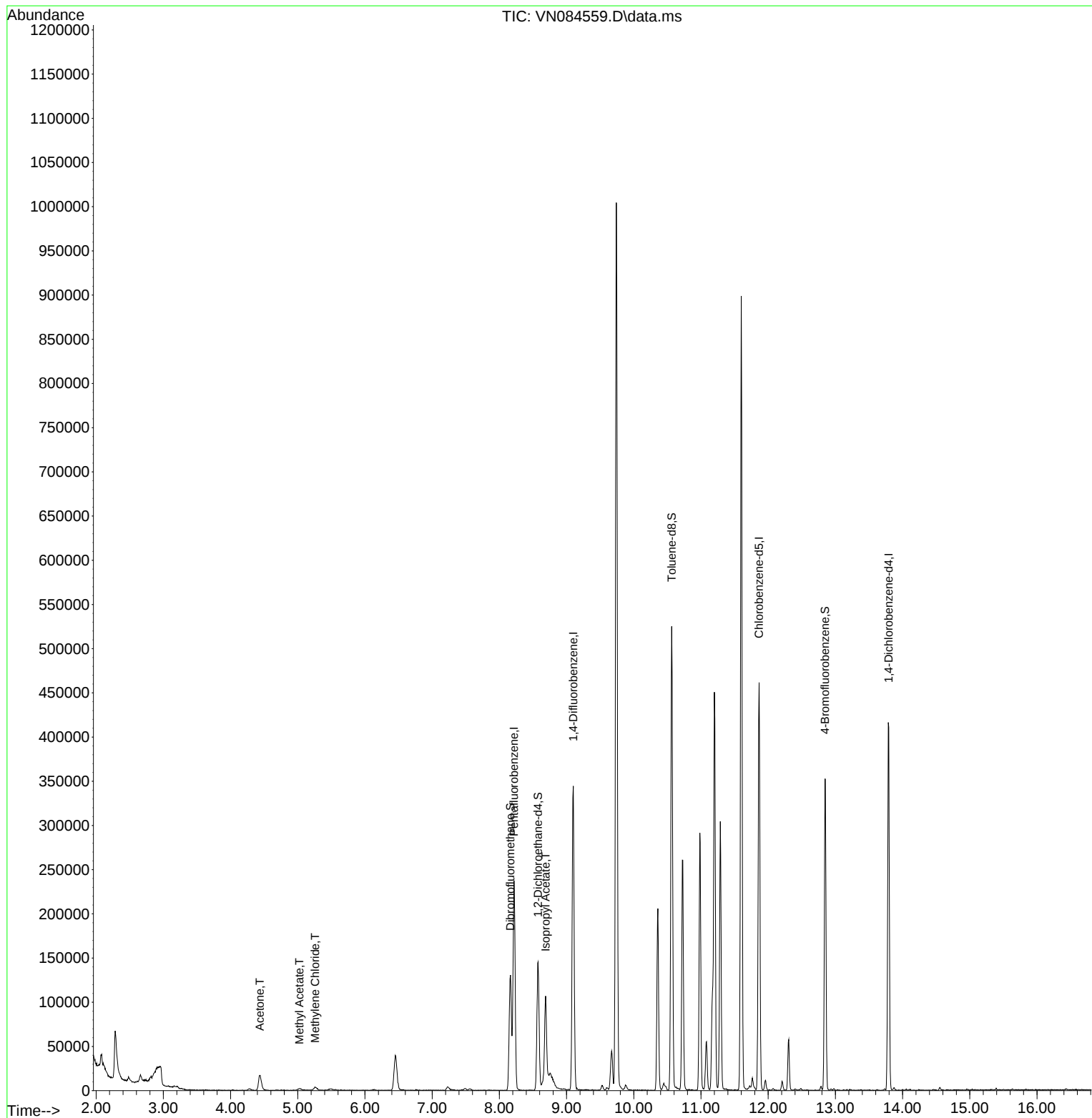
Internal Standards						
1) Pentafluorobenzene	8.218	168	166163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120394	48.868	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.740%
35) Dibromofluoromethane	8.165	113	96413	49.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.565	98	359587	50.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.847	95	124675	47.942	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.880%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	33136	31.309	ug/l #	87
18) Methyl Acetate	5.024	43	4338	1.881	ug/l #	87
20) Methylene Chloride	5.259	84	2897	1.347	ug/l	87
43) Isopropyl Acetate	8.688	43	130910	23.116	ug/l #	85

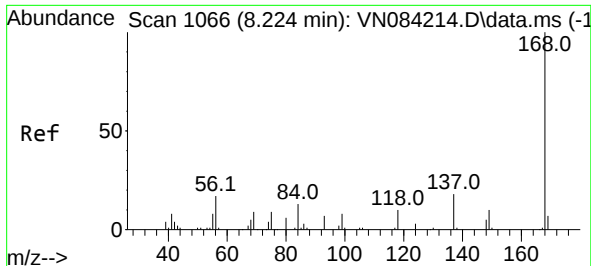
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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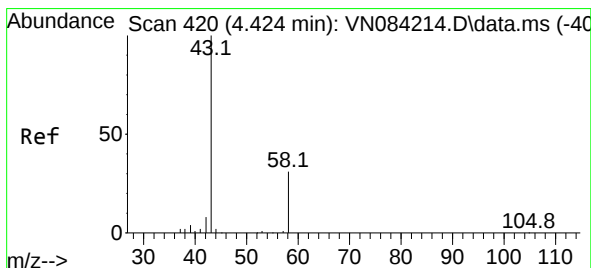
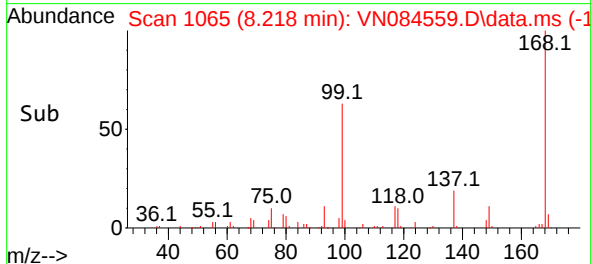
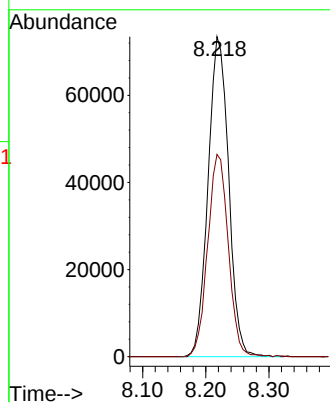
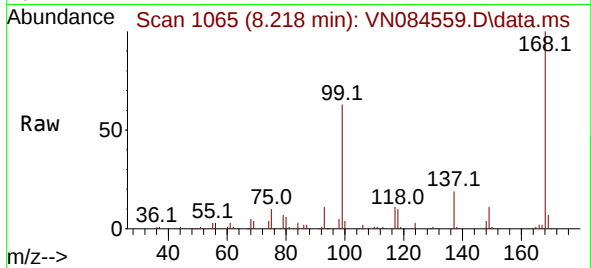




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084559.D
Acq: 29 Oct 2024 13:17

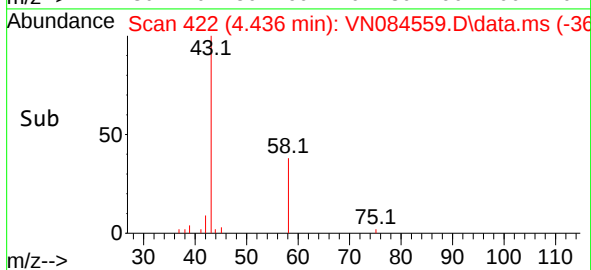
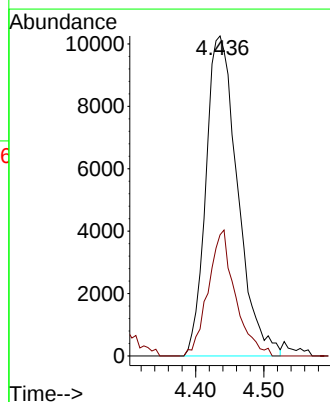
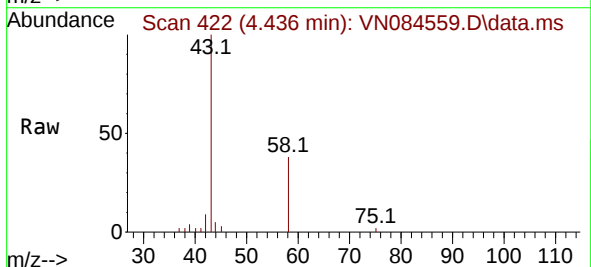
Instrument :
MSVOA_N
ClientSampleId :
BP-F-19

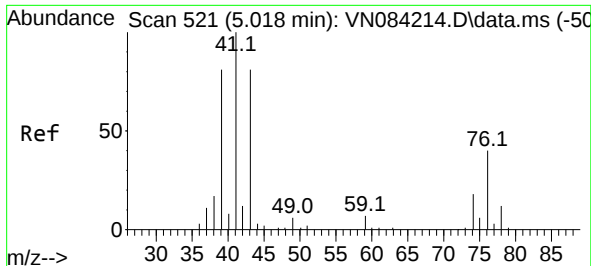
Tgt Ion:168 Resp: 166163
Ion Ratio Lower Upper
168 100
99 63.2 54.2 81.2



#16
Acetone
Concen: 31.309 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084559.D
Acq: 29 Oct 2024 13:17

Tgt Ion: 43 Resp: 33136
Ion Ratio Lower Upper
43 100
58 37.8 24.4 36.6#

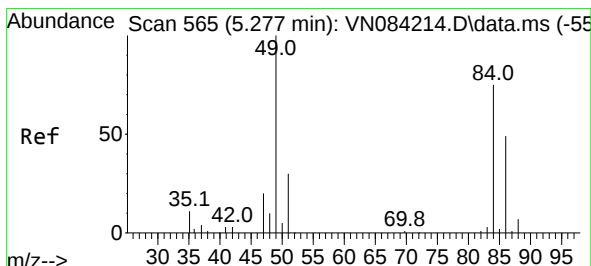
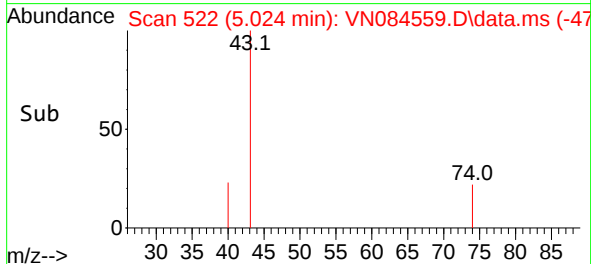
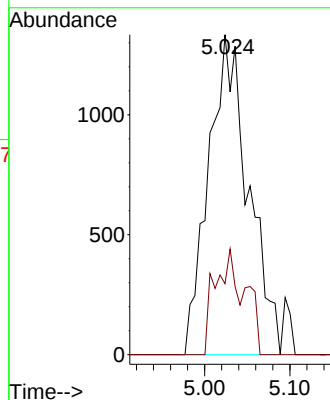
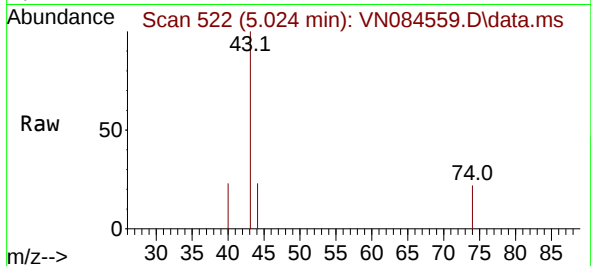




#18
Methyl Acetate
Concen: 1.881 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084559.D
Acq: 29 Oct 2024 13:17

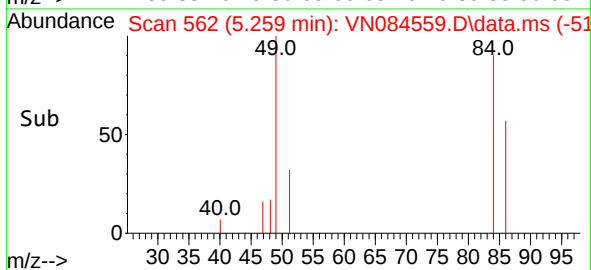
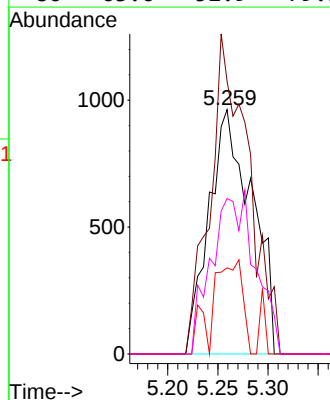
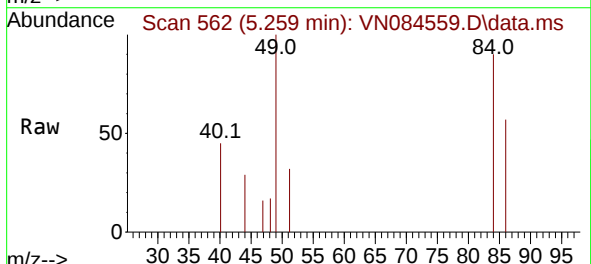
Instrument :
MSVOA_N
ClientSampleId :
BP-F-19

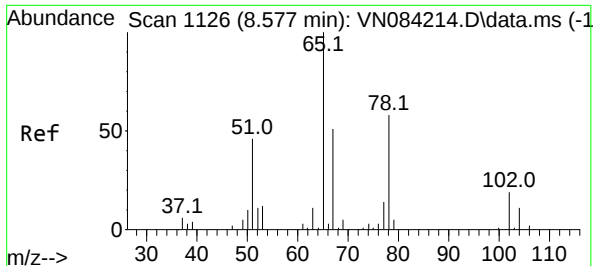
Tgt Ion: 43 Resp: 4338
Ion Ratio Lower Upper
43 100
74 17.7 19.2 28.8#



#20
Methylene Chloride
Concen: 1.347 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN084559.D
Acq: 29 Oct 2024 13:17

Tgt Ion: 84 Resp: 2897
Ion Ratio Lower Upper
84 100
49 111.6 107.2 160.8
51 35.2 31.8 47.8
86 63.6 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 48.868 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084559.D

Acq: 29 Oct 2024 13:17

Instrument :

MSVOA_N

ClientSampleId :

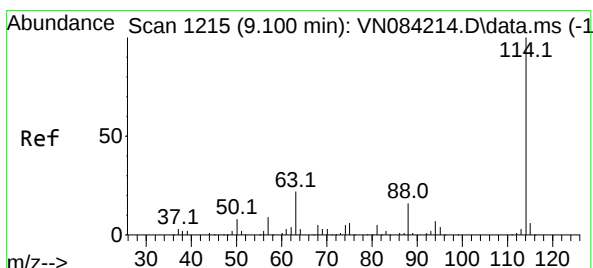
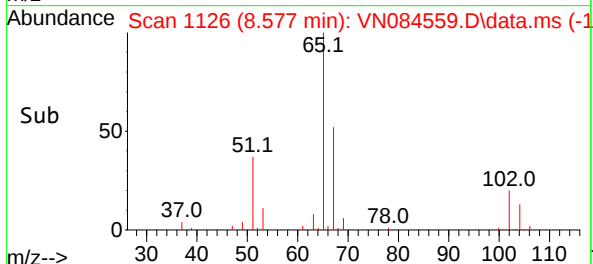
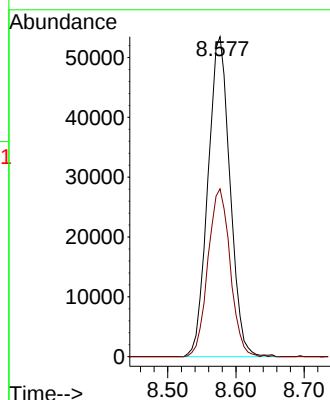
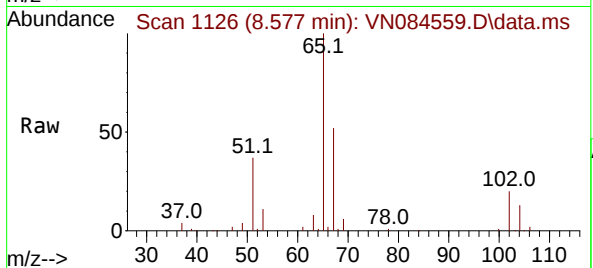
BP-F-19

Tgt Ion: 65 Resp: 120394

Ion Ratio Lower Upper

65 100

67 52.8 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: VN084559.D

Acq: 29 Oct 2024 13:17

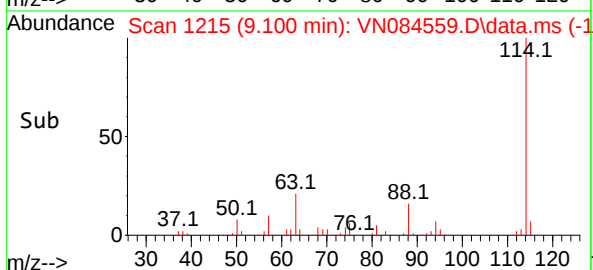
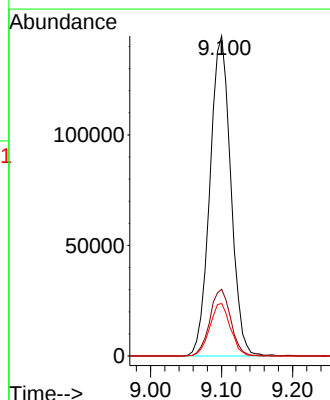
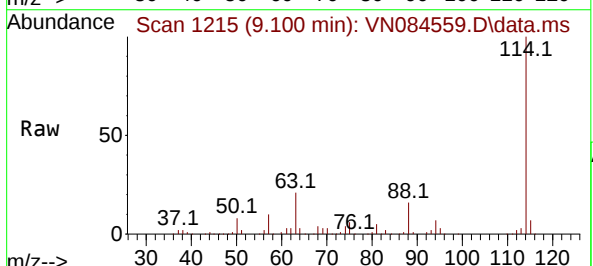
Tgt Ion: 114 Resp: 294300

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.692 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN084559.D

Acq: 29 Oct 2024 13:17

Instrument :

MSVOA_N

ClientSampleId :

BP-F-19

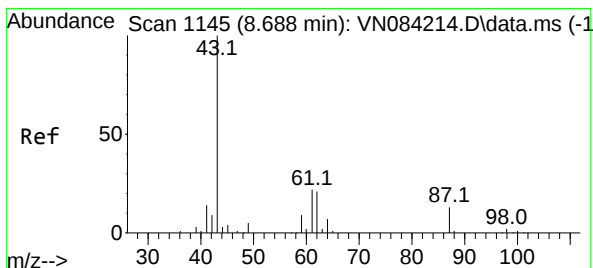
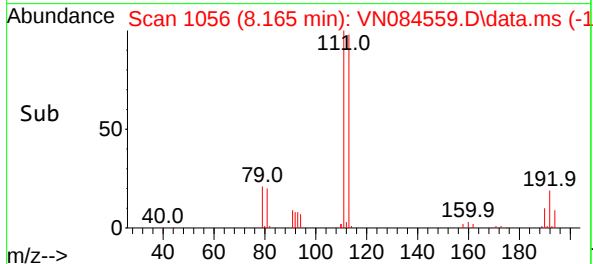
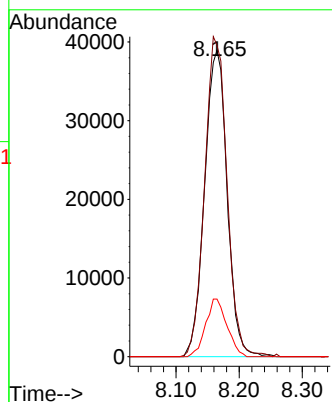
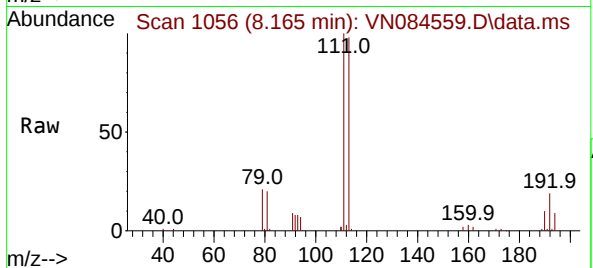
Tgt Ion:113 Resp: 96413

Ion Ratio Lower Upper

113 100

111 103.5 83.3 124.9

192 17.8 13.5 20.3



#43

Isopropyl Acetate

Concen: 23.116 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084559.D

Acq: 29 Oct 2024 13:17

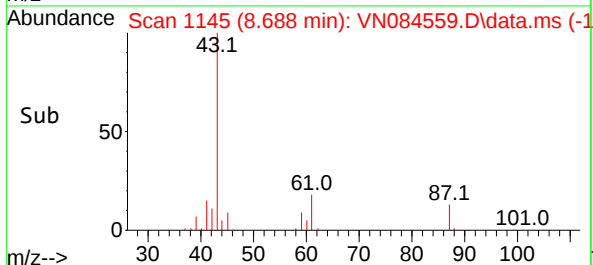
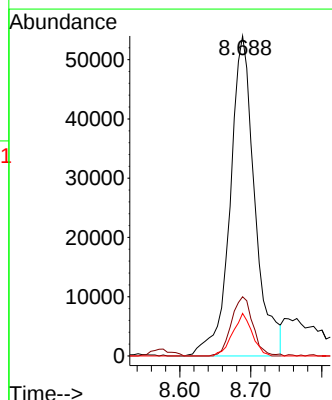
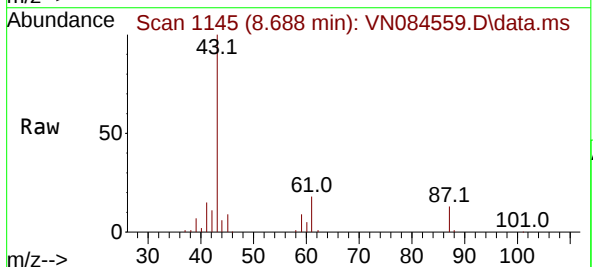
Tgt Ion: 43 Resp: 130910

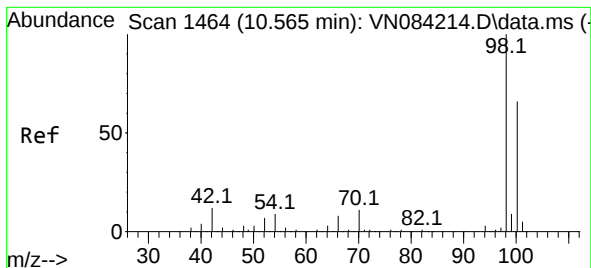
Ion Ratio Lower Upper

43 100

61 16.0 20.4 30.6#

87 10.4 10.3 15.5

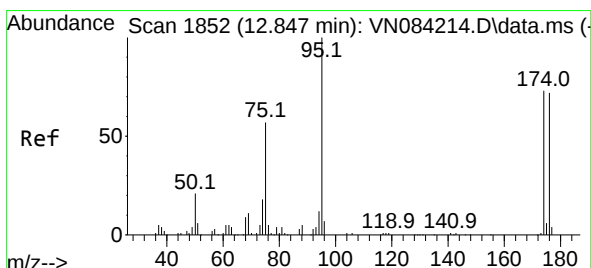
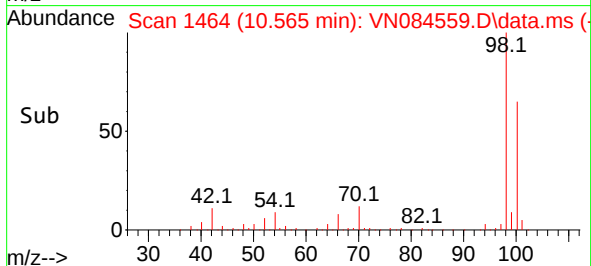
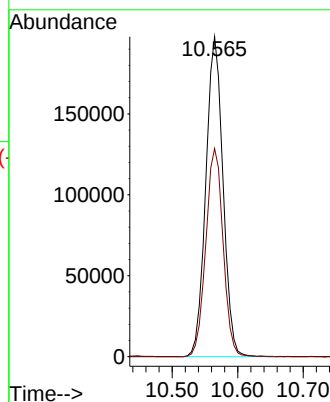
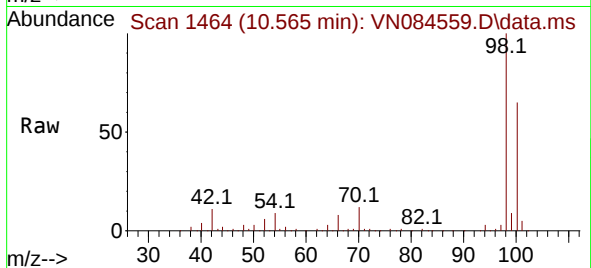




#50
Toluene-d8
Concen: 50.375 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084559.D
Acq: 29 Oct 2024 13:17

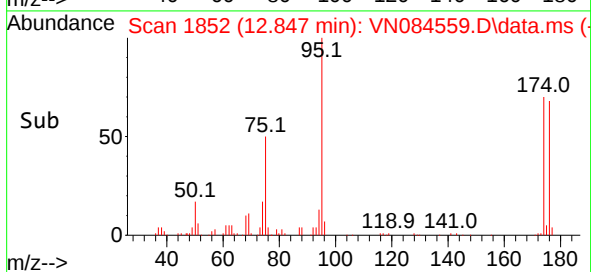
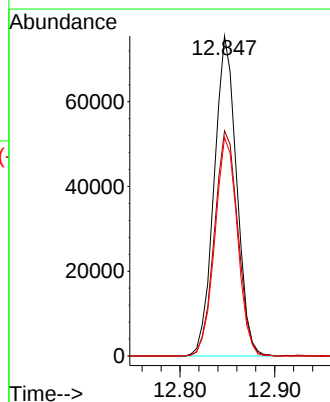
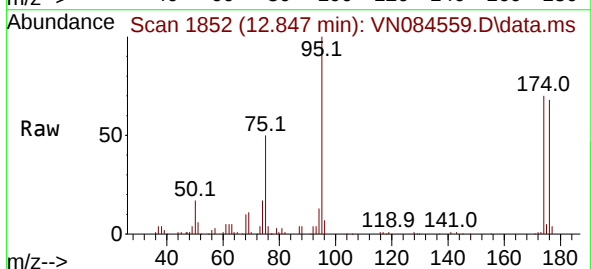
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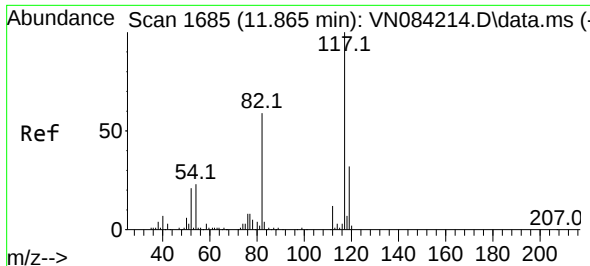
Tgt Ion: 98 Resp: 359587
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.942 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084559.D
Acq: 29 Oct 2024 13:17

Tgt Ion: 95 Resp: 124675
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.2
176 68.7 0.0 140.0

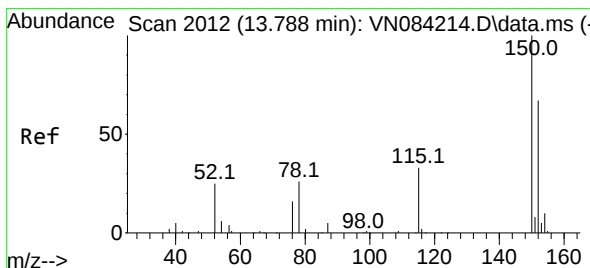
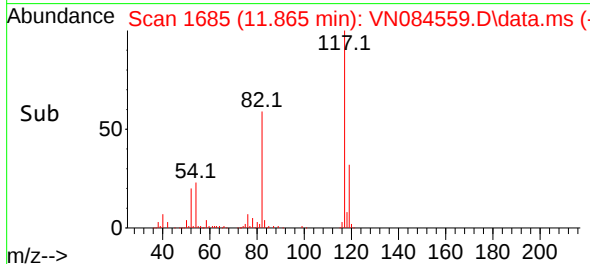
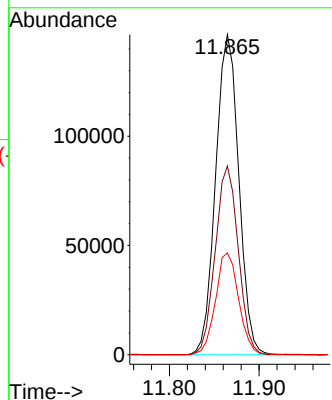
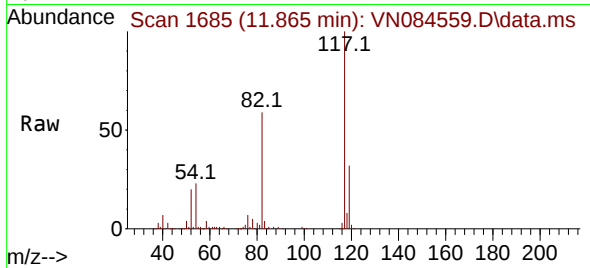




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084559.D
Acq: 29 Oct 2024 13:17

Instrument :
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Tgt Ion:117 Resp: 262850
Ion Ratio Lower Upper
117 100
82 58.9 47.2 70.8
119 31.8 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: VN084559.D
Acq: 29 Oct 2024 13:17

Tgt Ion:152 Resp: 112831
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.9
150 155.4 0.0 349.8

