

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085853.D
 Acq On : 25 Feb 2025 13:36
 Operator : JC\MD
 Sample : Q1415-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB02222025

Quant Time: Feb 25 23:33:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

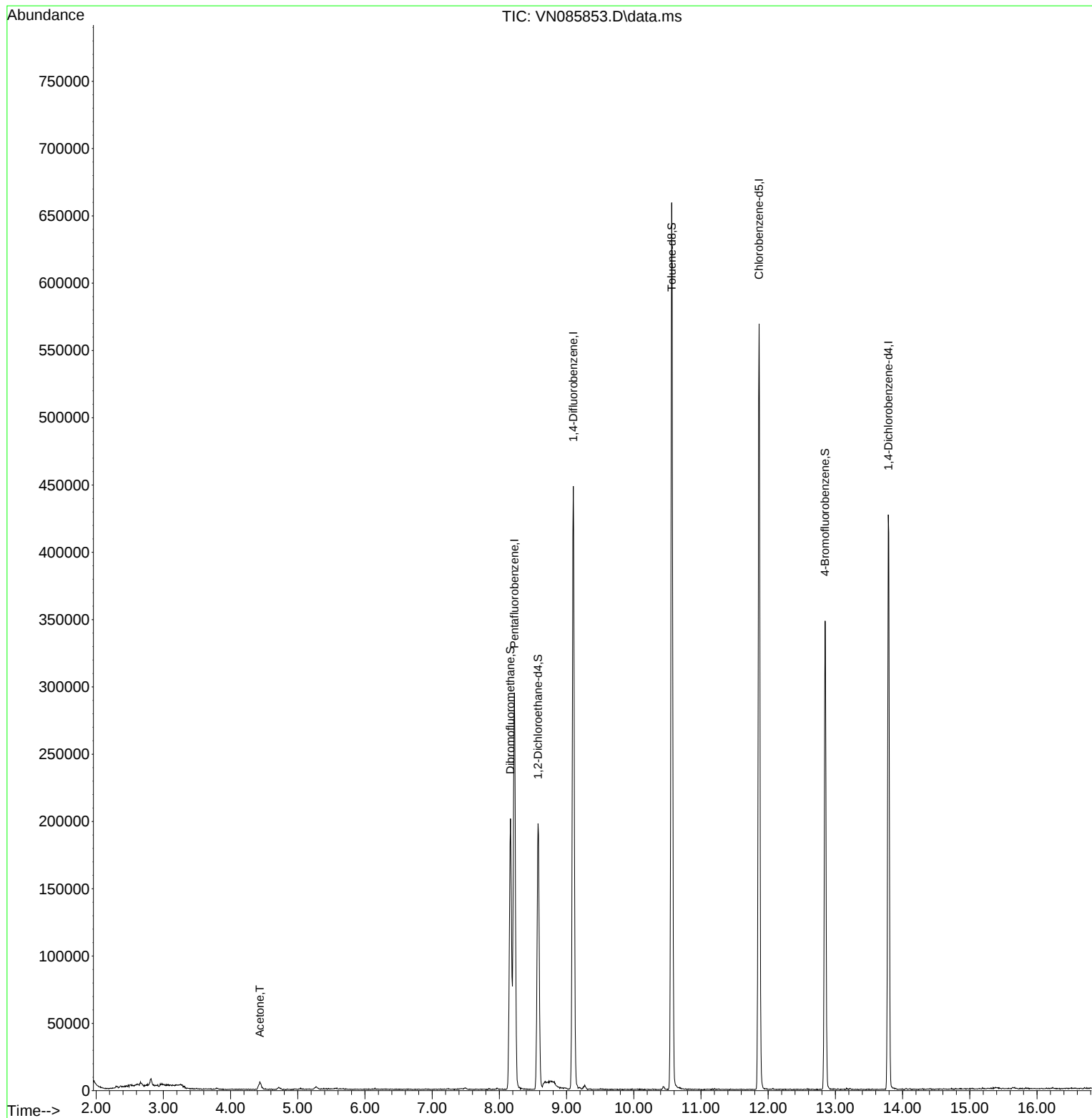
Internal Standards						
1) Pentafluorobenzene	8.224	168	210441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	393207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162083	59.408	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.820%			
35) Dibromofluoromethane	8.165	113	142826	55.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.020%			
50) Toluene-d8	10.565	98	459744	49.112	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.220%			
62) 4-Bromofluorobenzene	12.847	95	124996	40.526	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 81.060%			
Target Compounds						
16) Acetone	4.436	43	10019	11.606	ug/l	Qvalue 91

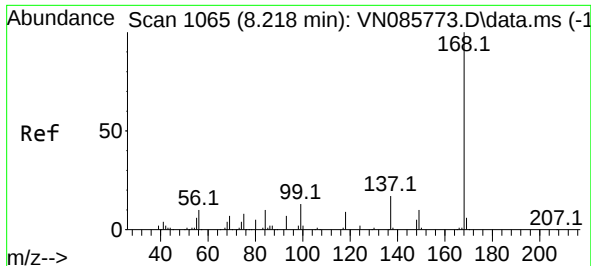
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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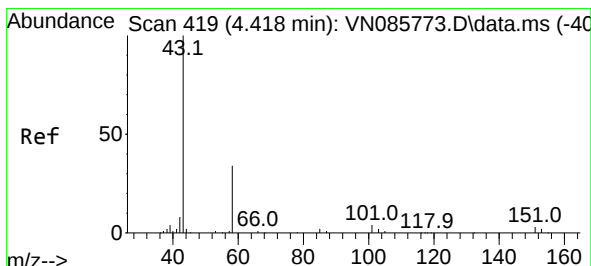
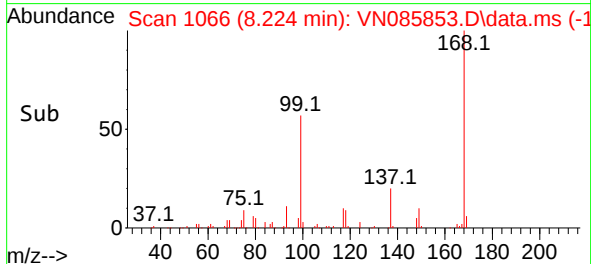
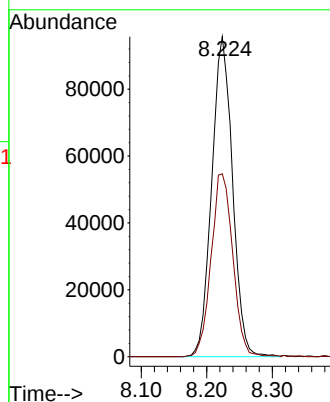
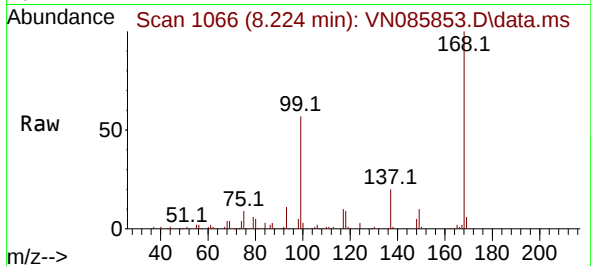




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085853.D
Acq: 25 Feb 2025 13:36

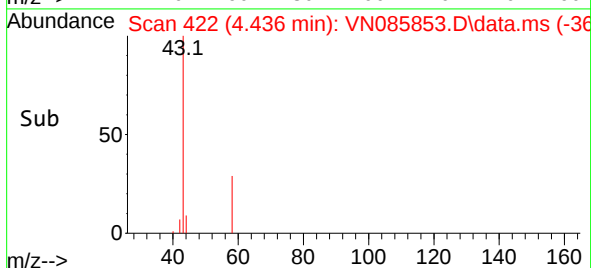
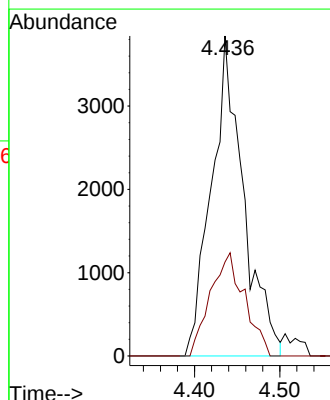
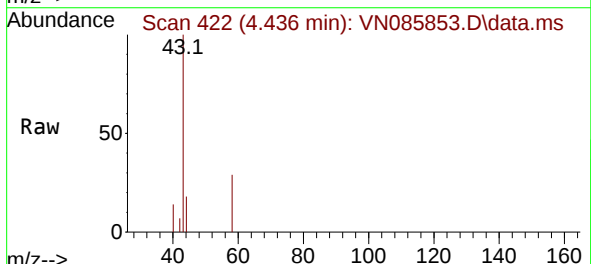
Instrument :
MSVOA_N
ClientSampleId :
FB02222025

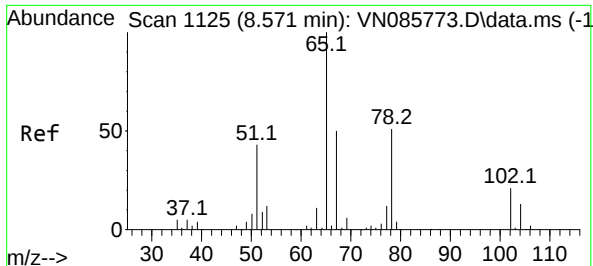
Tgt Ion:168 Resp: 210441
Ion Ratio Lower Upper
168 100
99 57.1 47.9 71.9



#16
Acetone
Concen: 11.606 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085853.D
Acq: 25 Feb 2025 13:36

Tgt Ion: 43 Resp: 10019
Ion Ratio Lower Upper
43 100
58 29.4 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 59.408 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085853.D

Acq: 25 Feb 2025 13:36

Instrument :

MSVOA_N

ClientSampleId :

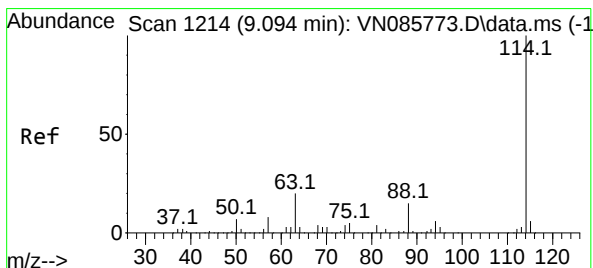
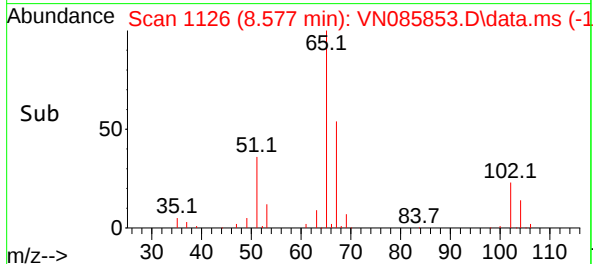
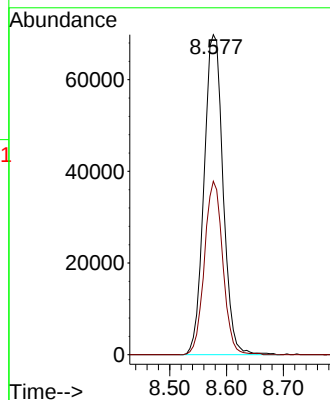
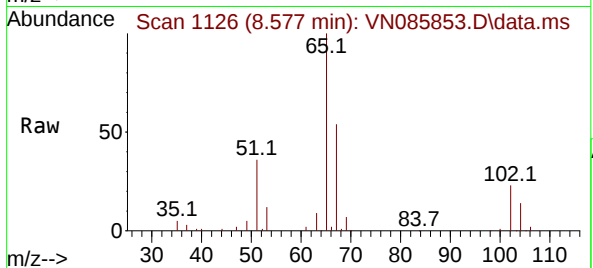
FB02222025

Tgt Ion: 65 Resp: 162083

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085853.D

Acq: 25 Feb 2025 13:36

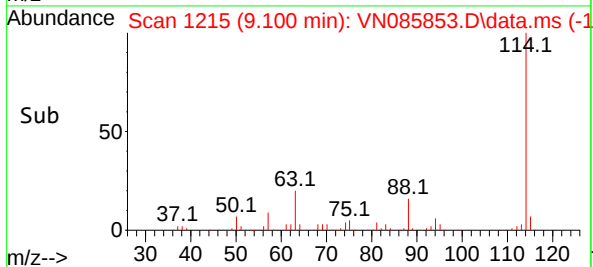
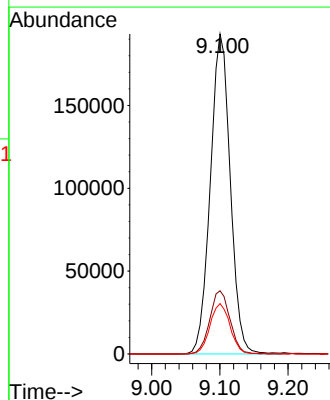
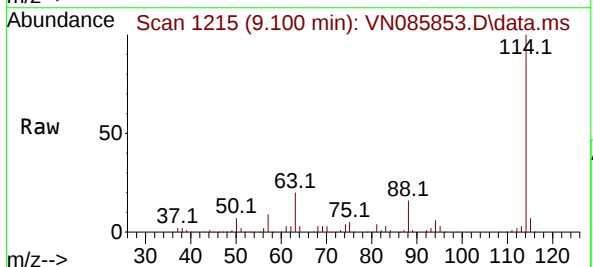
Tgt Ion: 114 Resp: 393207

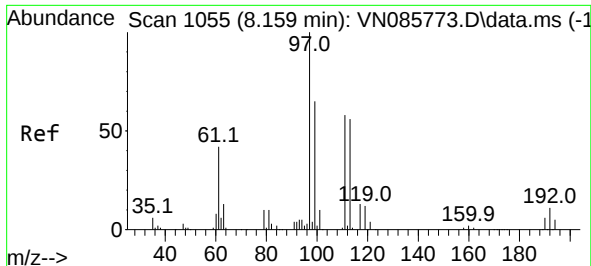
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

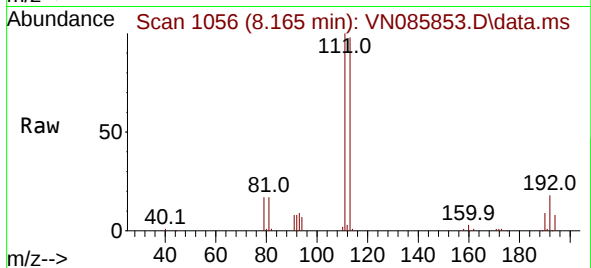
88 15.8 0.0 30.0



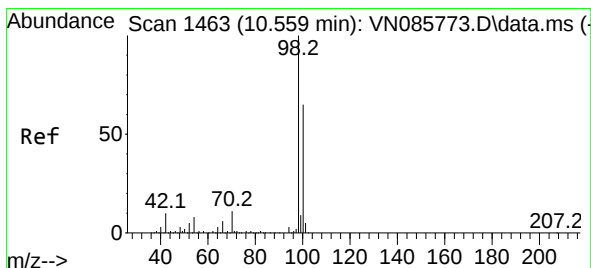
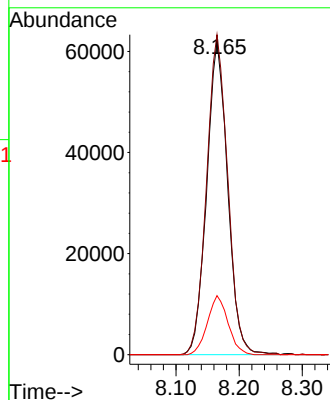
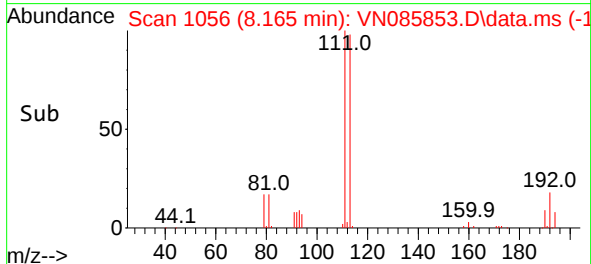


#35
Dibromofluoromethane
Concen: 55.510 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085853.D
Acq: 25 Feb 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
FB02222025

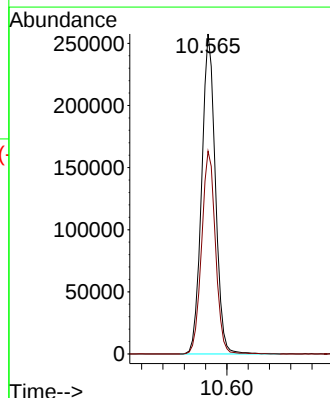
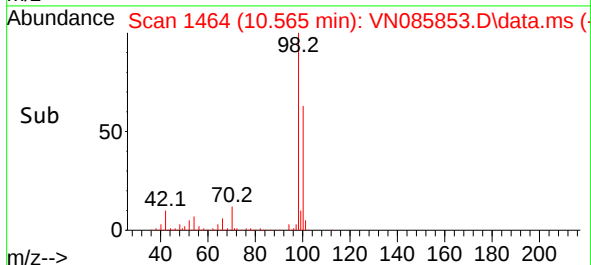
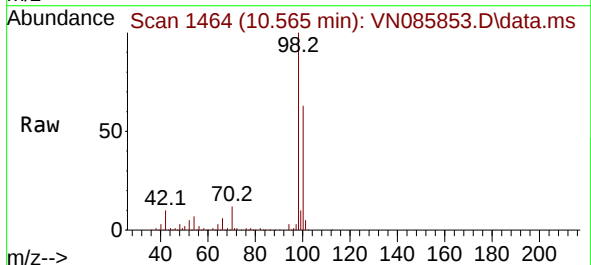


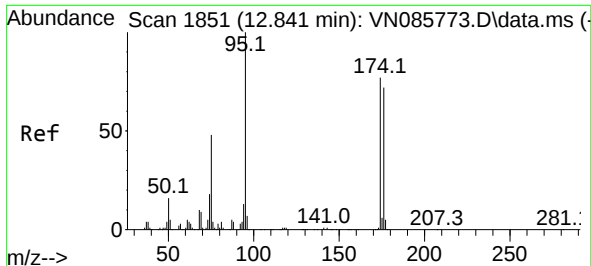
Tgt Ion:113 Resp: 142826
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 18.6 14.7 22.1



#50
Toluene-d8
Concen: 49.112 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085853.D
Acq: 25 Feb 2025 13:36

Tgt Ion: 98 Resp: 459744
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1

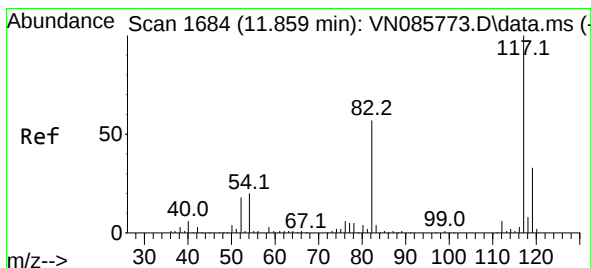
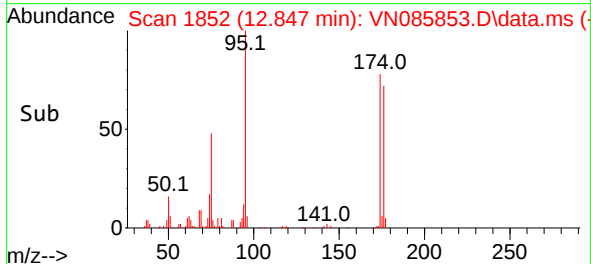
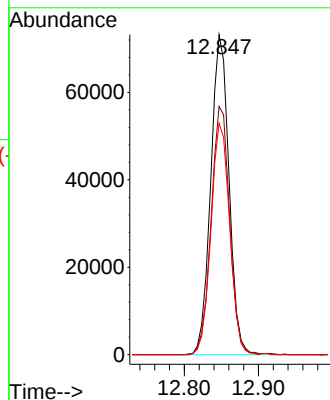
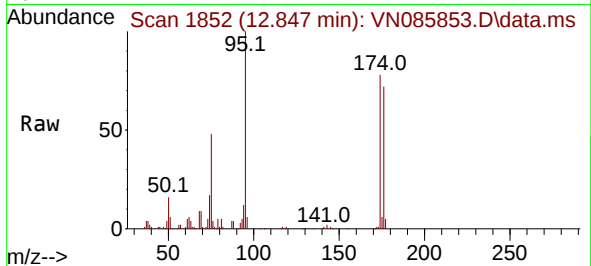




#62
4-Bromofluorobenzene
Concen: 40.526 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085853.D
Acq: 25 Feb 2025 13:36

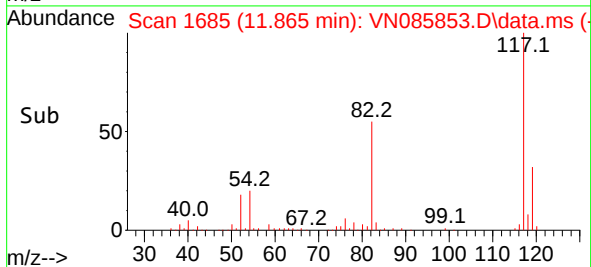
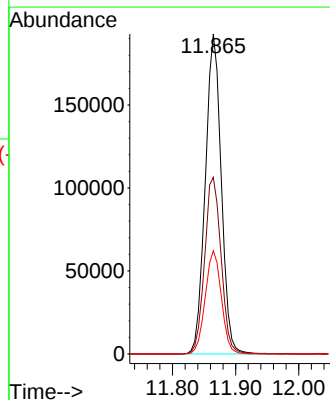
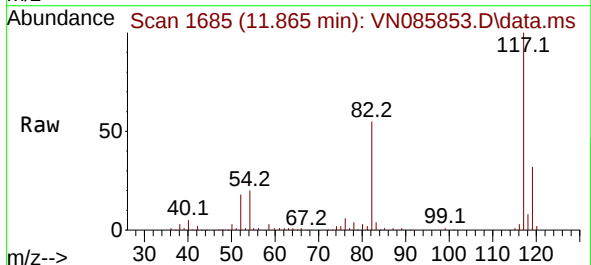
Instrument :
MSVOA_N
ClientSampleId :
FB02222025

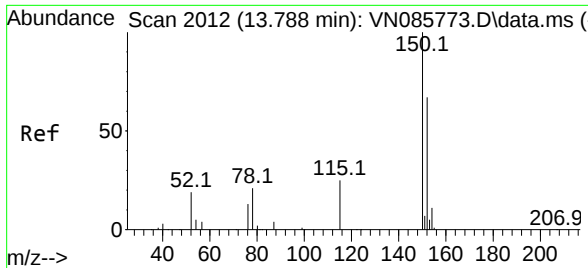
Tgt Ion: 95 Resp: 124996
Ion Ratio Lower Upper
95 100
174 79.2 0.0 152.4
176 73.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085853.D
Acq: 25 Feb 2025 13:36

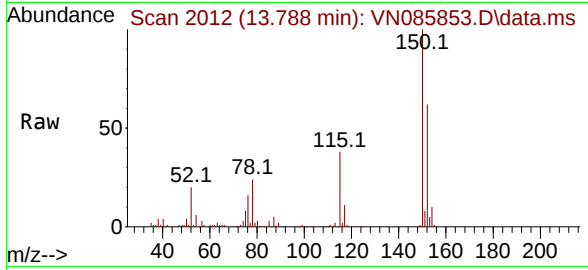
Tgt Ion: 117 Resp: 337792
Ion Ratio Lower Upper
117 100
82 55.2 45.7 68.5
119 32.2 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085853.D
 Acq: 25 Feb 2025 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 FB02222025



Tgt Ion:	152	Resp:	121445
Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.4	91.3
150	158.3	0.0	345.4

