

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088213.D
 Acq On : 06 Nov 2025 17:35
 Operator : JC\MD
 Sample : Q3560-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SY-10S

Quant Time: Nov 07 02:23:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

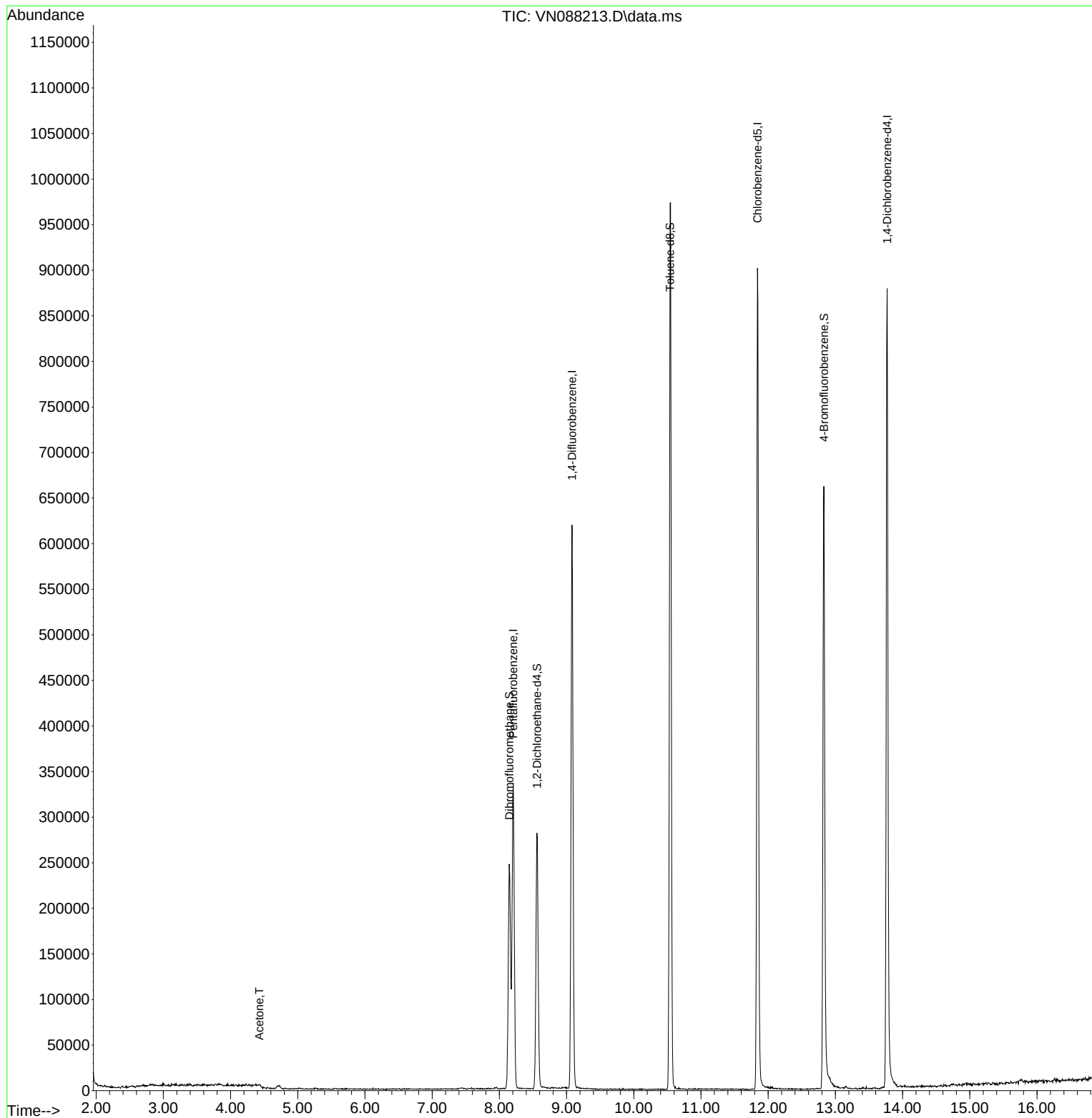
Internal Standards						
1) Pentafluorobenzene	8.206	168	223922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	508531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	488671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	234197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	233532	60.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.620%			
35) Dibromofluoromethane	8.147	113	173448	50.770	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	10.541	98	656522	49.874	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.740%			
62) 4-Bromofluorobenzene	12.829	95	247639	53.268	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.540%			
Target Compounds						
16) Acetone	4.430	43	5273	2.711	ug/l	Qvalue 91

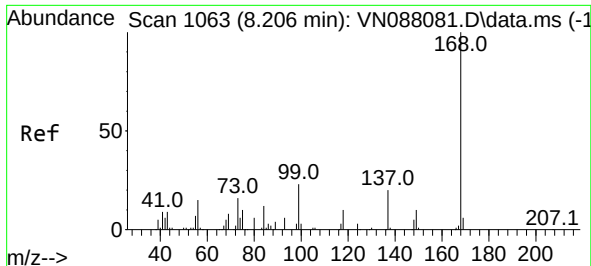
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088213.D
Acq On : 06 Nov 2025 17:35
Operator : JC\MD
Sample : Q3560-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SY-10S

Quant Time: Nov 07 02:23:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

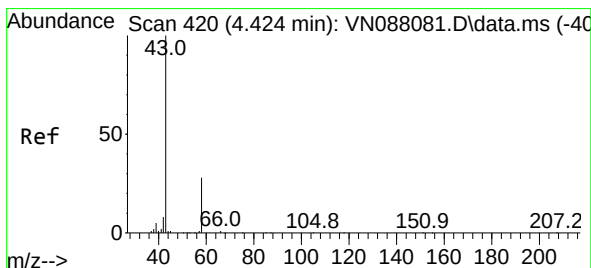
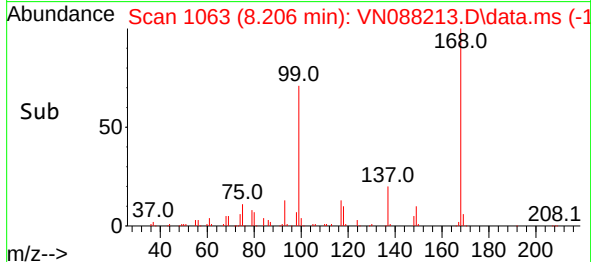
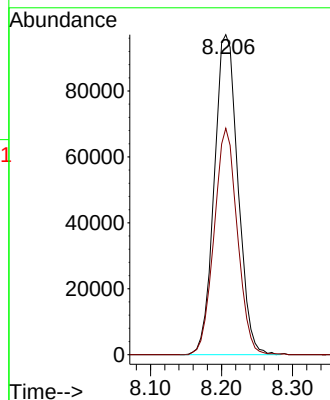
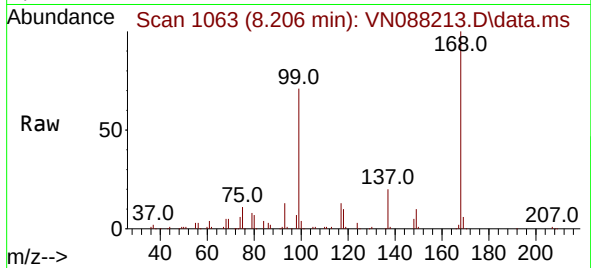




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

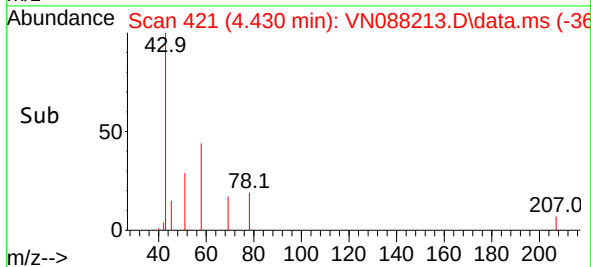
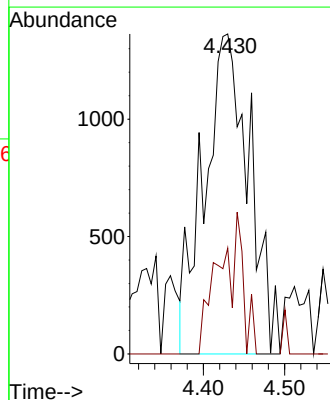
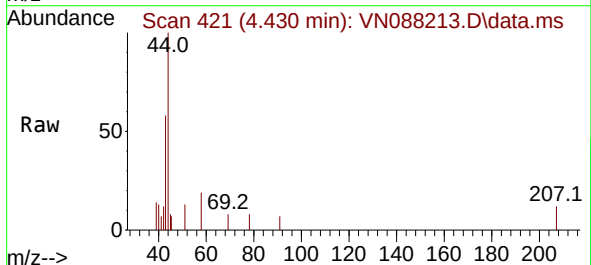
Instrument :
MSVOA_N
ClientSampleId :
SY-10S

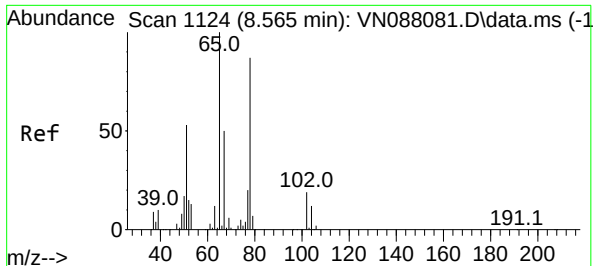
Tgt Ion:168 Resp: 223922
Ion Ratio Lower Upper
168 100
99 70.8 57.2 85.8



#16
Acetone
Concen: 2.711 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

Tgt Ion: 43 Resp: 5273
Ion Ratio Lower Upper
43 100
58 33.1 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 60.312 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088213.D

Acq: 06 Nov 2025 17:35

Instrument :

MSVOA_N

ClientSampleId :

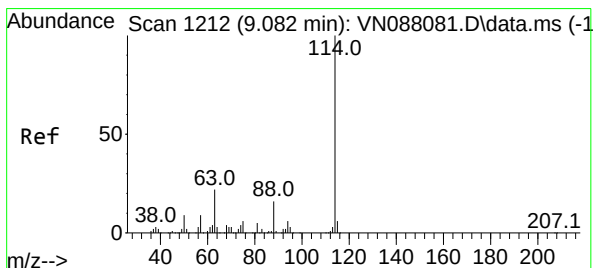
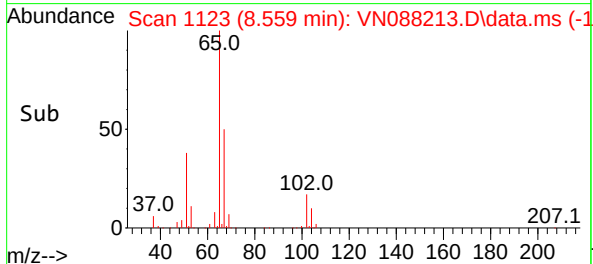
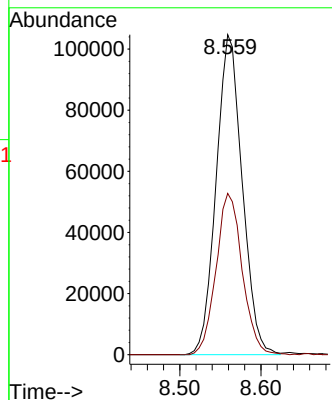
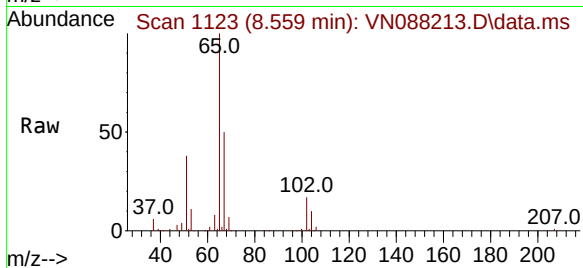
SY-10S

Tgt Ion: 65 Resp: 233532

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088213.D

Acq: 06 Nov 2025 17:35

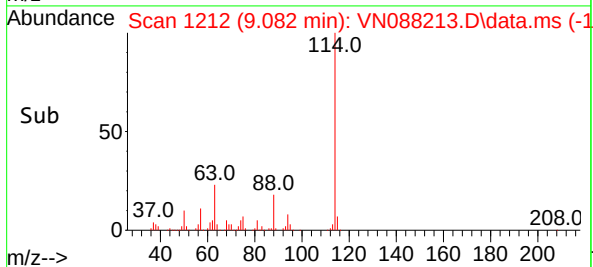
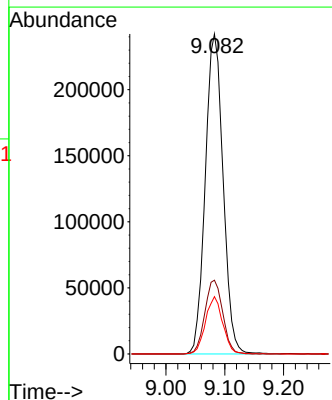
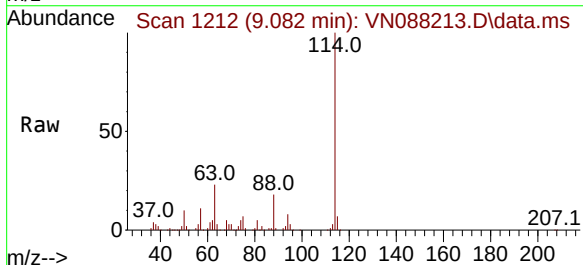
Tgt Ion: 114 Resp: 508531

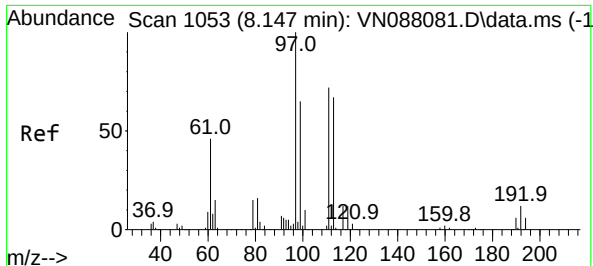
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.2

88 17.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.770 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088213.D

Acq: 06 Nov 2025 17:35

Instrument :

MSVOA_N

ClientSampleId :

SY-10S

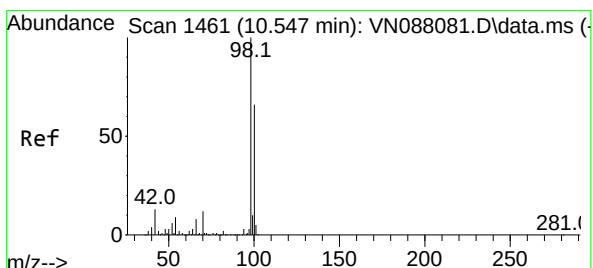
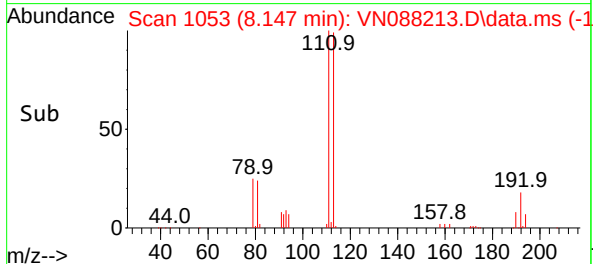
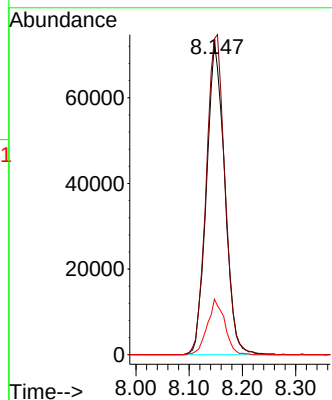
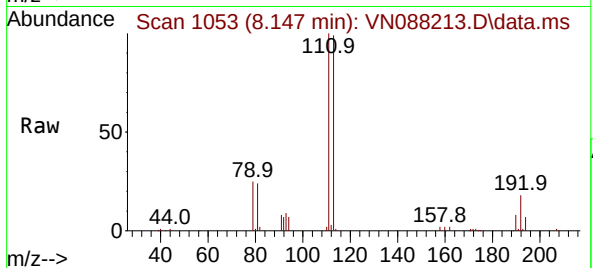
Tgt Ion:113 Resp: 173448

Ion Ratio Lower Upper

113 100

111 104.8 82.8 124.2

192 16.9 12.8 19.2



#50

Toluene-d8

Concen: 49.874 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088213.D

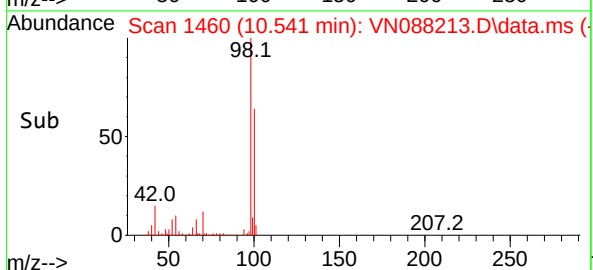
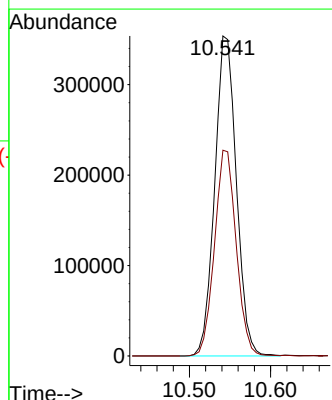
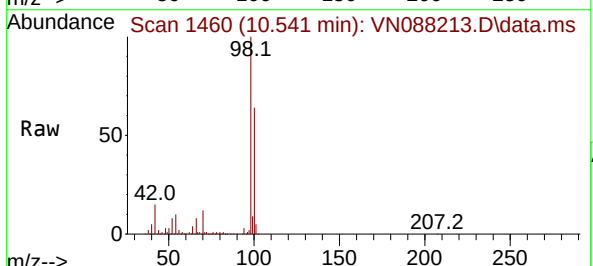
Acq: 06 Nov 2025 17:35

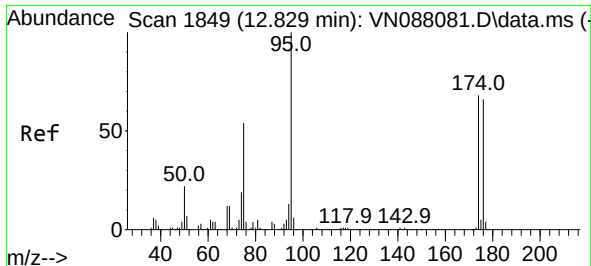
Tgt Ion: 98 Resp: 656522

Ion Ratio Lower Upper

98 100

100 64.4 52.8 79.2

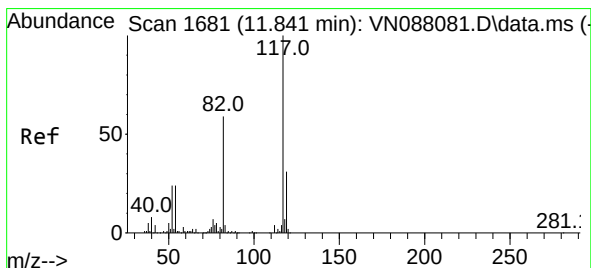
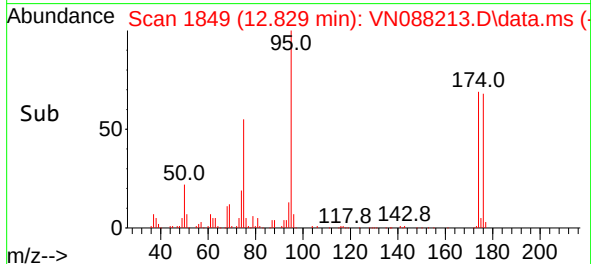
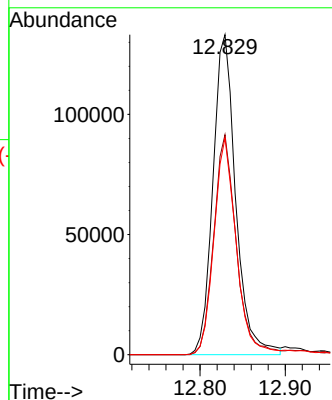
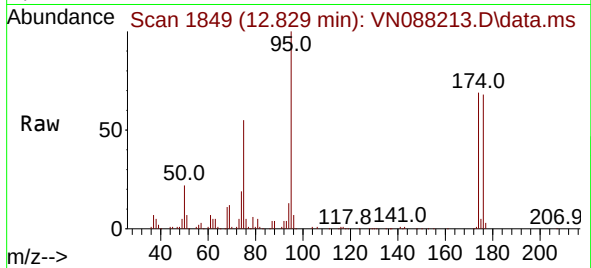




#62
4-Bromofluorobenzene
Concen: 53.268 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

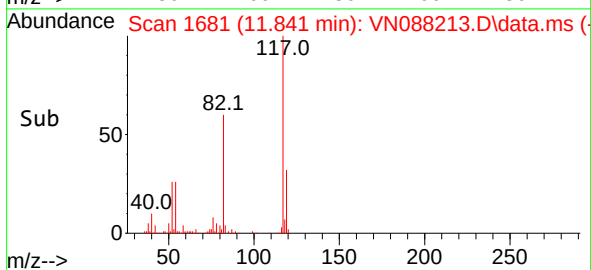
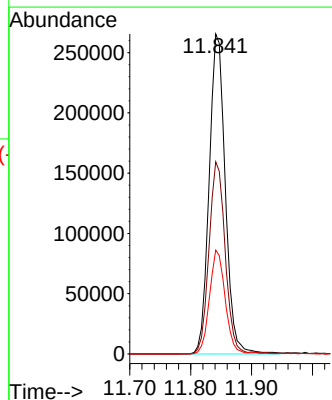
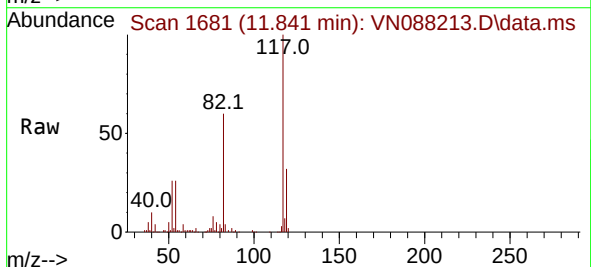
Instrument :
MSVOA_N
ClientSampleId :
SY-10S

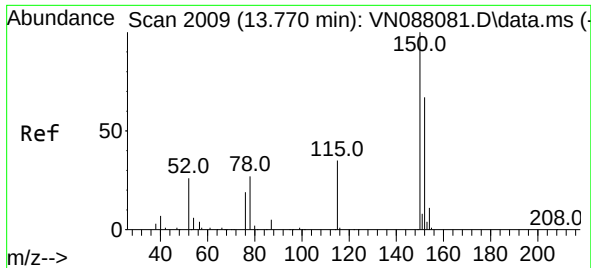
Tgt Ion: 95 Resp: 247639
Ion Ratio Lower Upper
95 100
174 68.1 0.0 138.4
176 68.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

Tgt Ion: 117 Resp: 488671
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 32.4 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088213.D
 Acq: 06 Nov 2025 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 SY-10S

Tgt Ion:152 Resp: 234197
 Ion Ratio Lower Upper
 152 100
 115 65.4 32.3 96.8
 150 157.6 0.0 351.0

