

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087852.D
 Acq On : 16 Sep 2025 16:08
 Operator : JC\MD
 Sample : Q3103-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-WTS-14

Quant Time: Sep 17 01:22:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

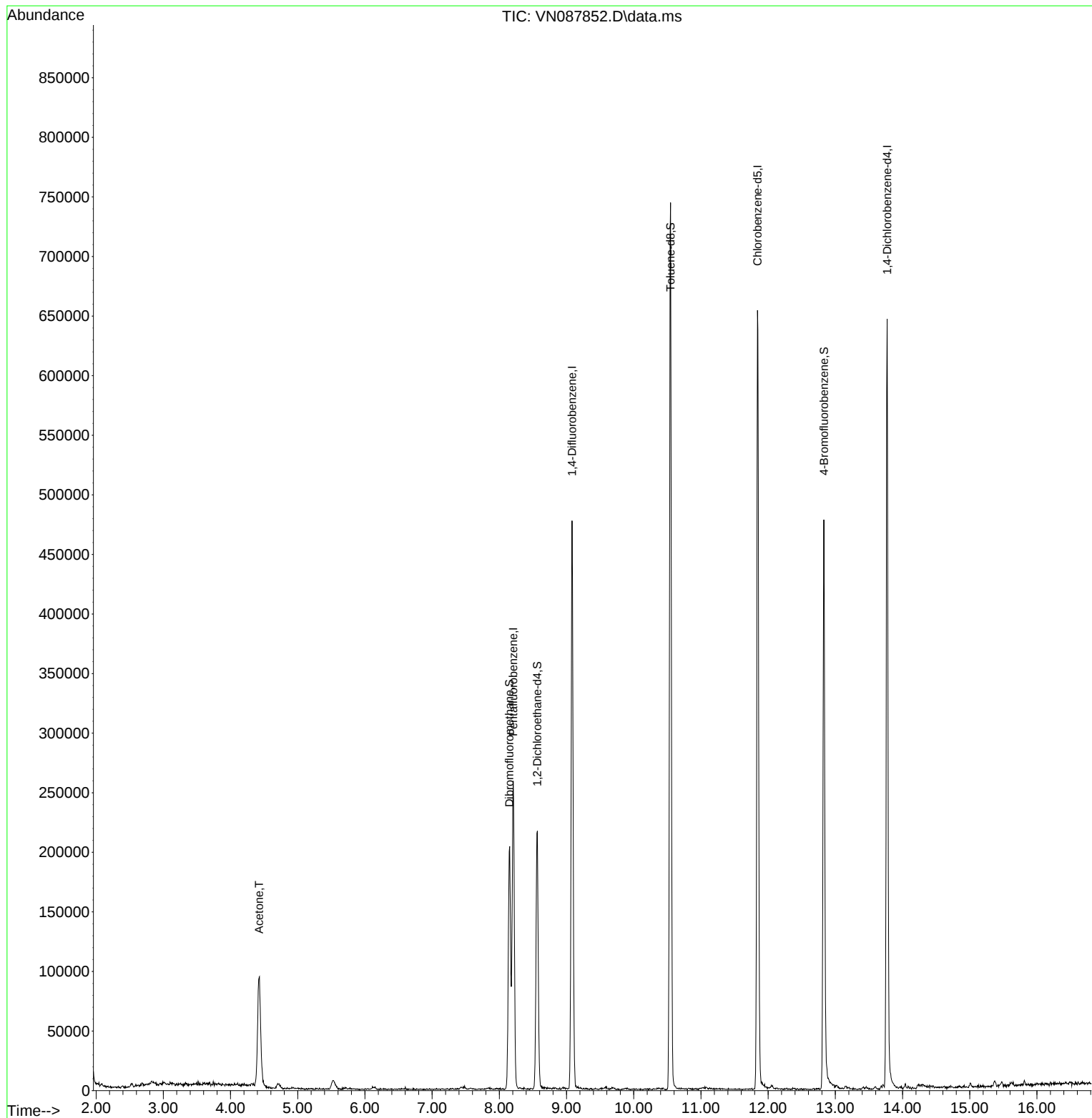
Internal Standards						
1) Pentafluorobenzene	8.206	168	176281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	397684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	370407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	174998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	177396	49.116	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.240%
35) Dibromofluoromethane	8.147	113	148054	51.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.120%
50) Toluene-d8	10.547	98	507250	47.201	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.400%
62) 4-Bromofluorobenzene	12.829	95	164786	43.117	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.240%
Target Compounds						
16) Acetone	4.424	43	188015	95.626	ug/l	Qvalue 98

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

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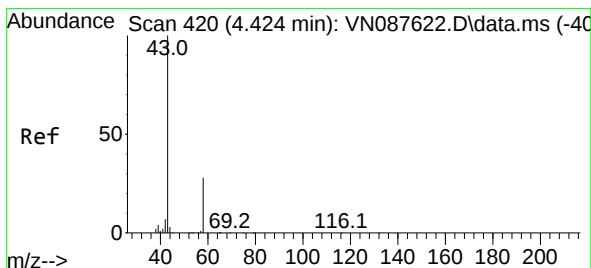
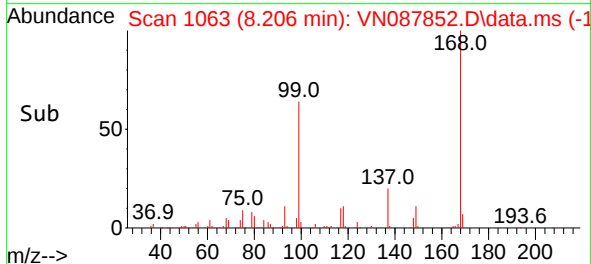
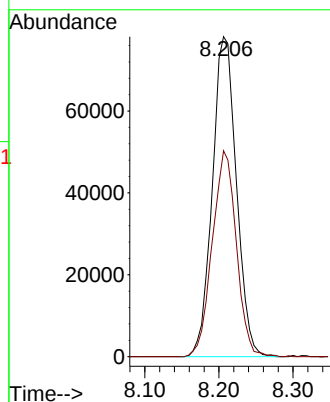
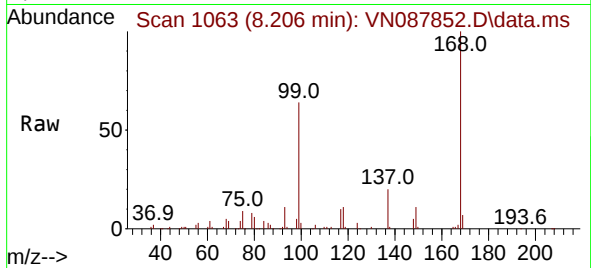




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087852.D
Acq: 16 Sep 2025 16:08

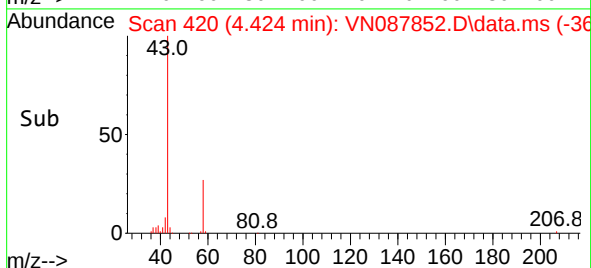
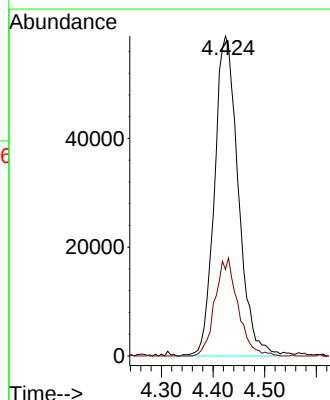
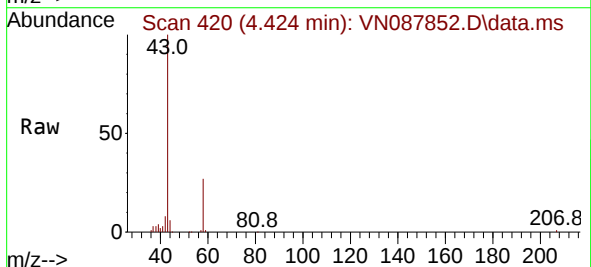
Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-14

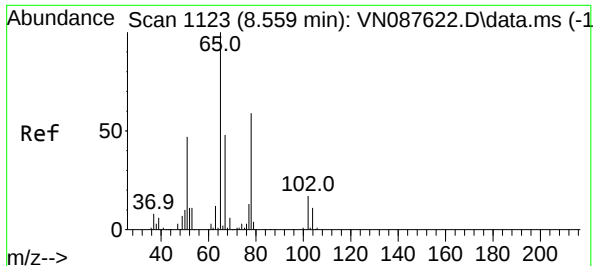
Tgt Ion:168 Resp: 176281
Ion Ratio Lower Upper
168 100
99 64.4 57.2 85.8



#16
Acetone
Concen: 95.626 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087852.D
Acq: 16 Sep 2025 16:08

Tgt Ion: 43 Resp: 188015
Ion Ratio Lower Upper
43 100
58 27.1 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 49.116 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087852.D

Acq: 16 Sep 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

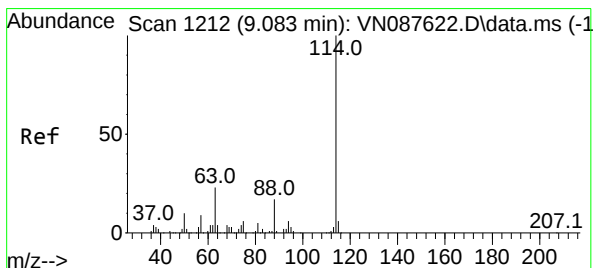
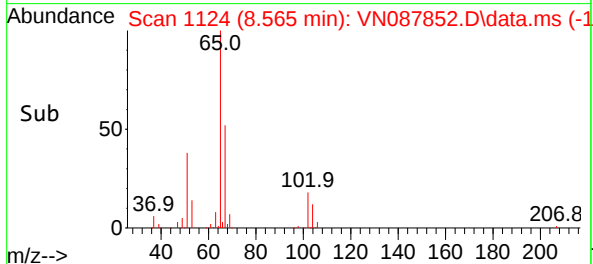
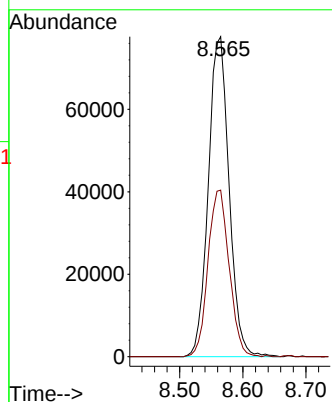
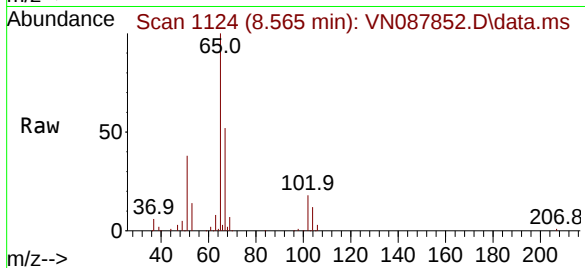
TW-WTS-14

Tgt Ion: 65 Resp: 177396

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087852.D

Acq: 16 Sep 2025 16:08

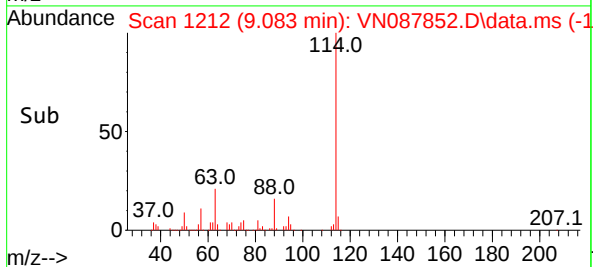
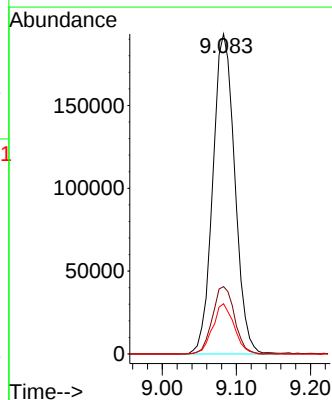
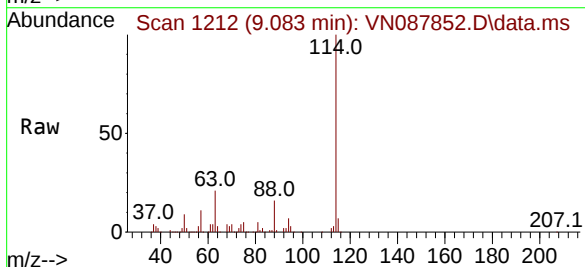
Tgt Ion: 114 Resp: 397684

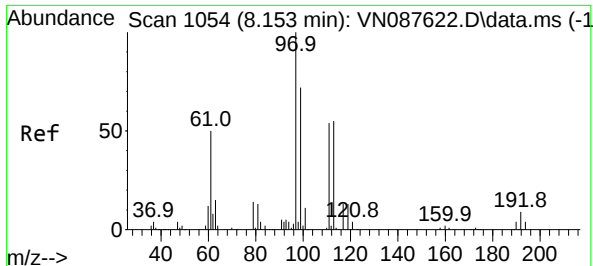
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.2

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.564 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087852.D

Acq: 16 Sep 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

TW-WTS-14

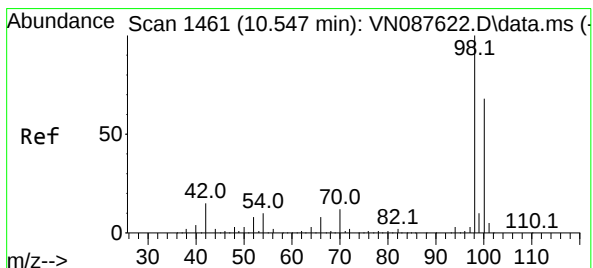
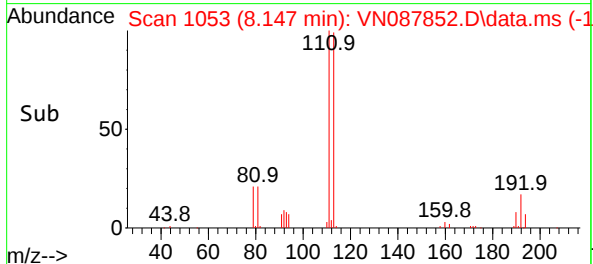
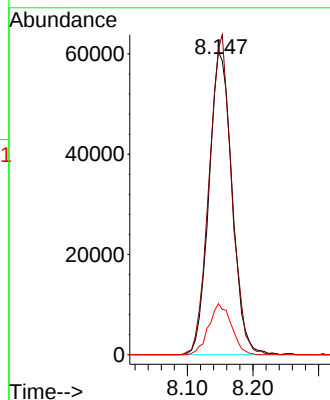
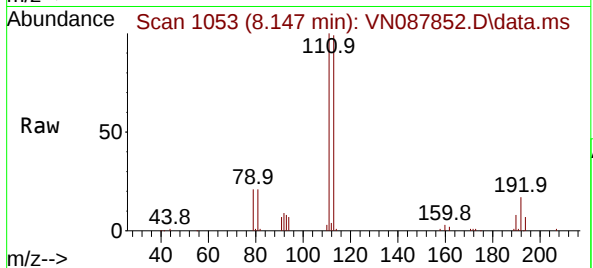
Tgt Ion:113 Resp: 148054

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 16.6 12.8 19.2



#50

Toluene-d8

Concen: 47.201 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087852.D

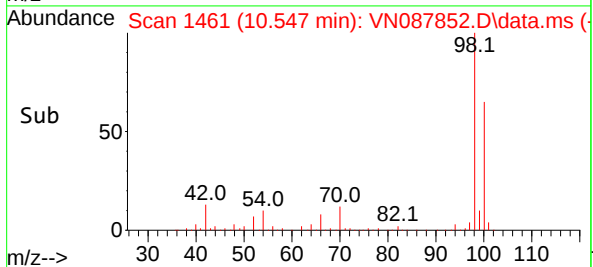
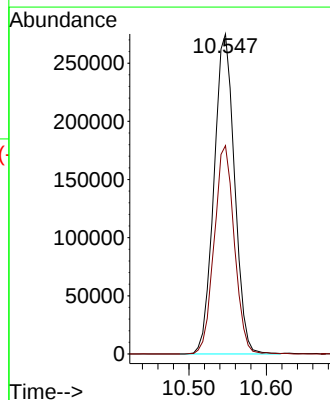
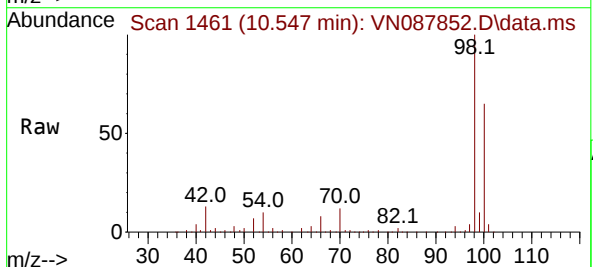
Acq: 16 Sep 2025 16:08

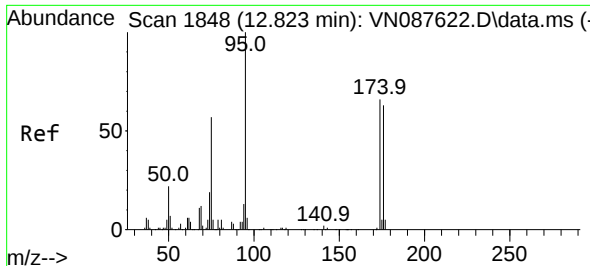
Tgt Ion: 98 Resp: 507250

Ion Ratio Lower Upper

98 100

100 63.8 52.8 79.2

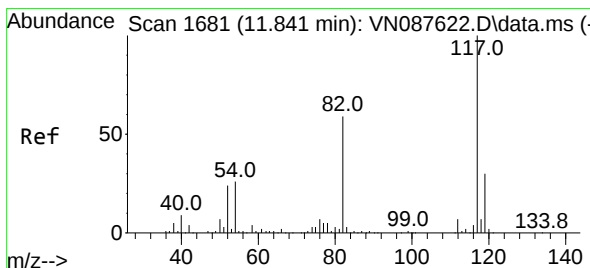
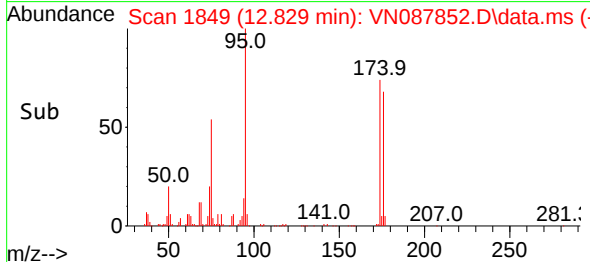
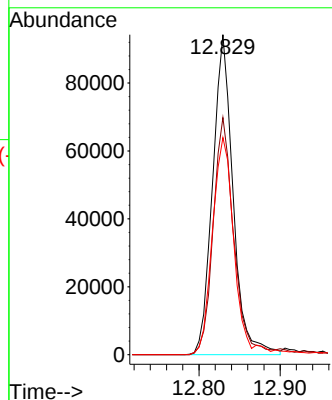
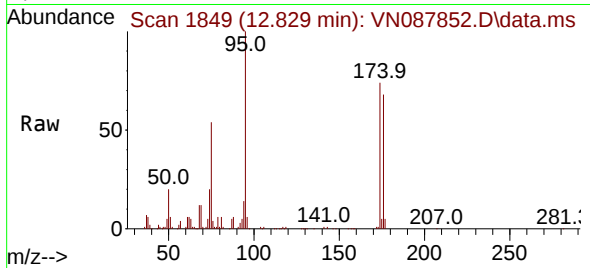




#62
4-Bromofluorobenzene
Concen: 43.117 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087852.D
Acq: 16 Sep 2025 16:08

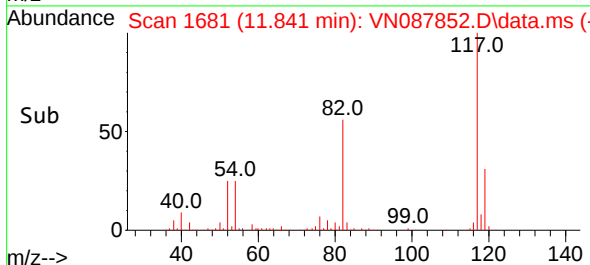
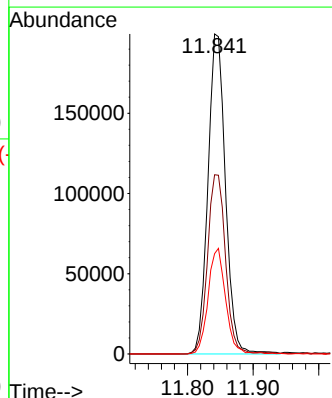
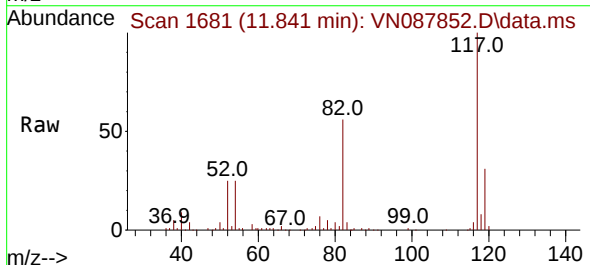
Instrument :
MSVOA_N
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TW-WTS-14

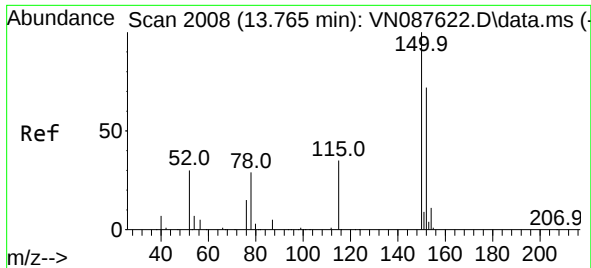
Tgt Ion: 95 Resp: 164786
Ion Ratio Lower Upper
95 100
174 74.6 0.0 138.4
176 72.8 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN087852.D
Acq: 16 Sep 2025 16:08

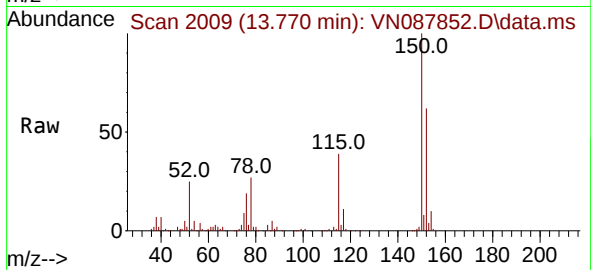
Tgt Ion: 117 Resp: 370407
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 31.3 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087852.D
 Acq: 16 Sep 2025 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-WTS-14



Tgt Ion:152 Resp: 174998
 Ion Ratio Lower Upper
 152 100
 115 61.3 32.3 96.8
 150 158.2 0.0 351.0

