

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087334.D
 Acq On : 16 Jul 2025 19:16
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 17 02:59:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	145740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	286118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	254152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	121291	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	129460	52.352	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.700%
35) Dibromofluoromethane	8.153	113	98212	49.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	10.547	98	358069	50.861	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.720%
62) 4-Bromofluorobenzene	12.829	95	118690	45.632	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.260%

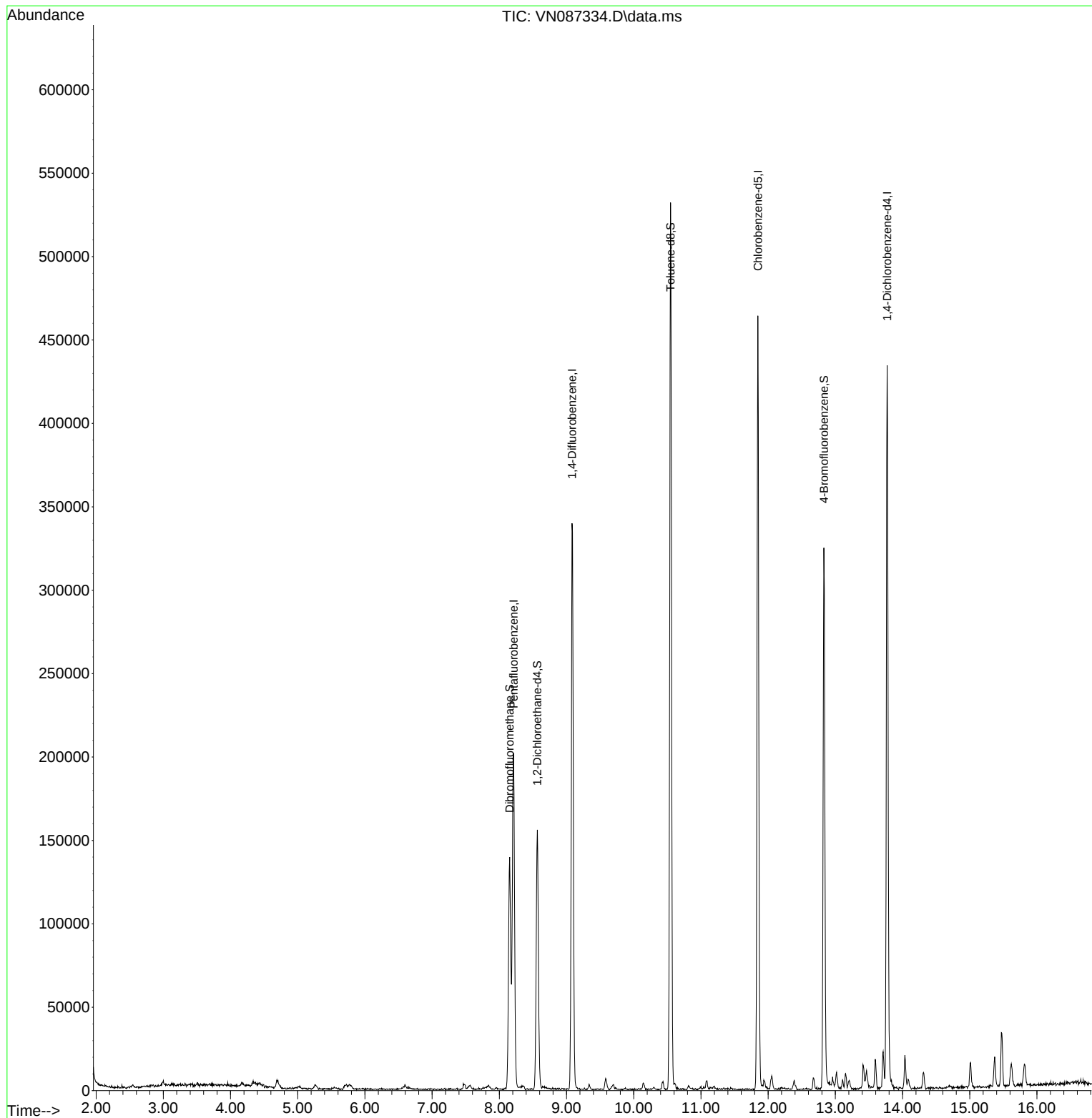
Target Compounds	Qvalue

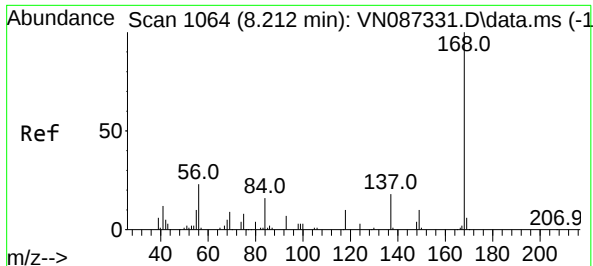
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087334.D
Acq On : 16 Jul 2025 19:16
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jul 17 02:59:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

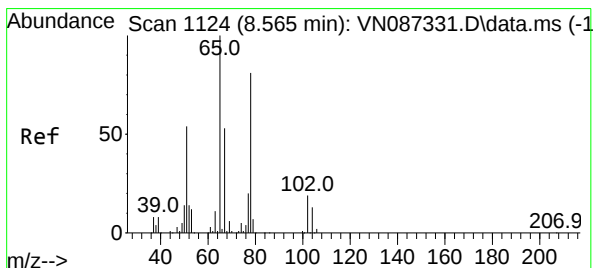
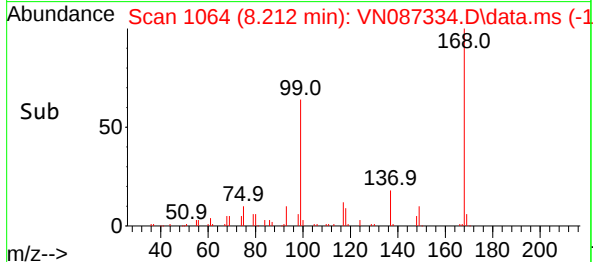
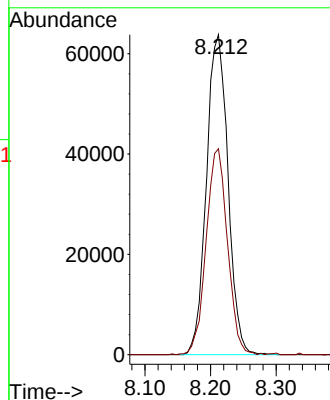
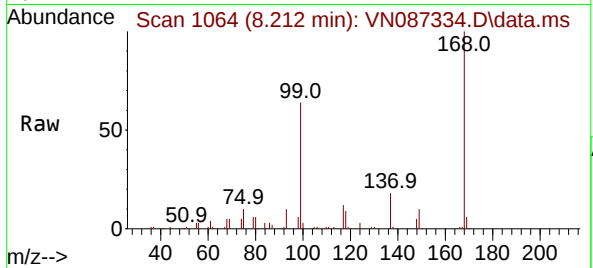




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN087334.D
Acq: 16 Jul 2025 19:16

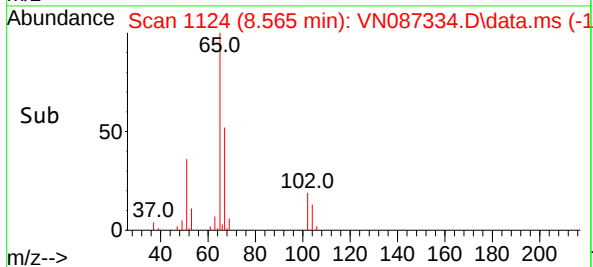
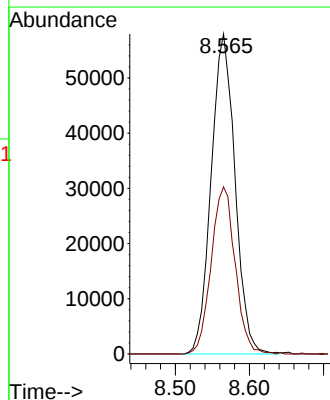
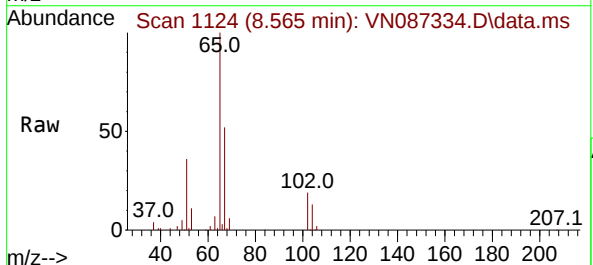
Instrument :
MSVOA_N
ClientSampleId :
IBLK

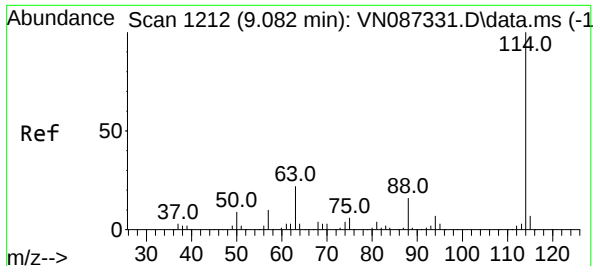
Tgt Ion:168 Resp: 145740
Ion Ratio Lower Upper
168 100
99 64.3 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 52.352 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087334.D
Acq: 16 Jul 2025 19:16

Tgt Ion: 65 Resp: 129460
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN087334.D

Acq: 16 Jul 2025 19:16

Instrument :

MSVOA_N

ClientSampleId :

IBLK

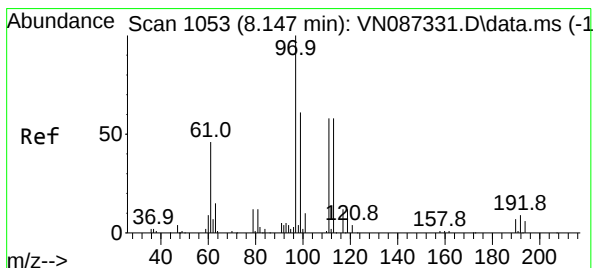
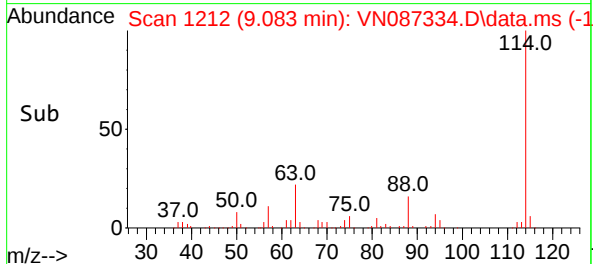
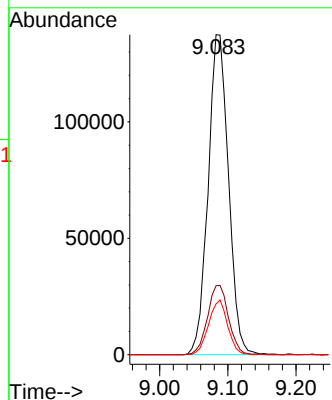
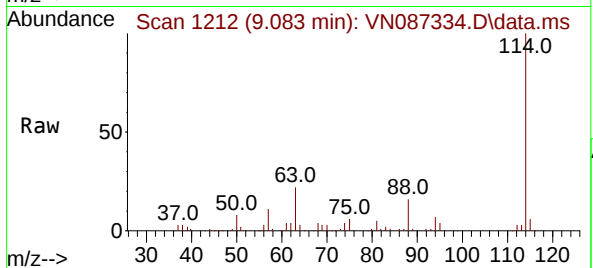
Tgt Ion:114 Resp: 286118

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.6

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.762 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087334.D

Acq: 16 Jul 2025 19:16

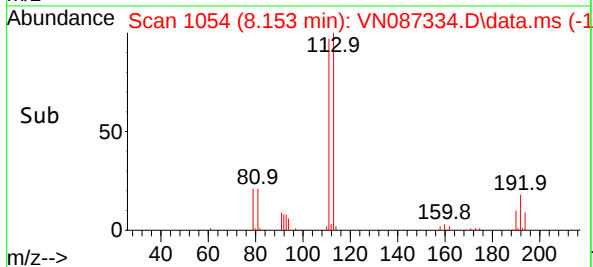
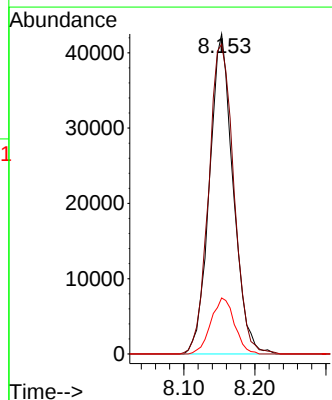
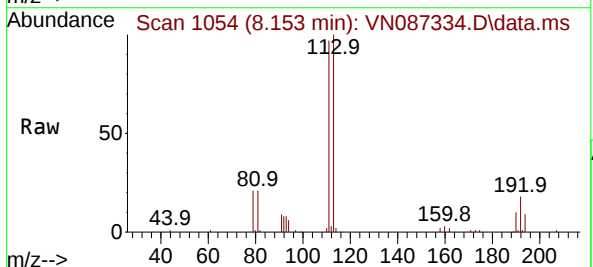
Tgt Ion:113 Resp: 98212

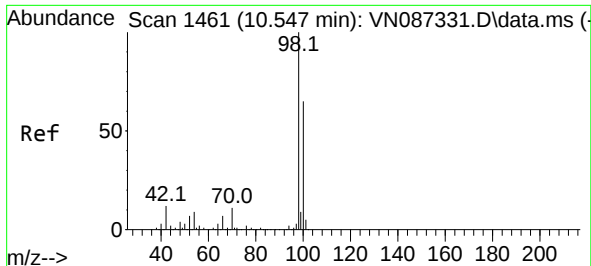
Ion Ratio Lower Upper

113 100

111 103.0 82.5 123.7

192 17.4 13.7 20.5

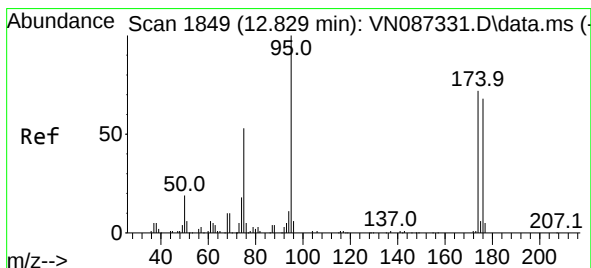
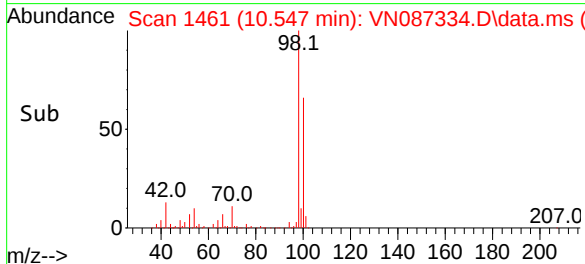
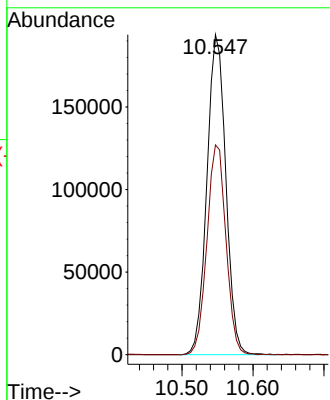
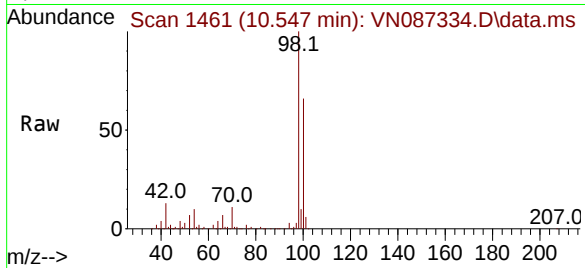




#50
Toluene-d8
Concen: 50.861 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087334.D
Acq: 16 Jul 2025 19:16

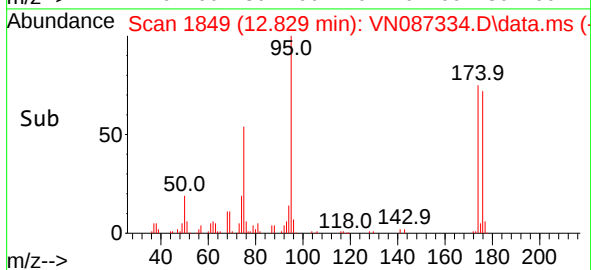
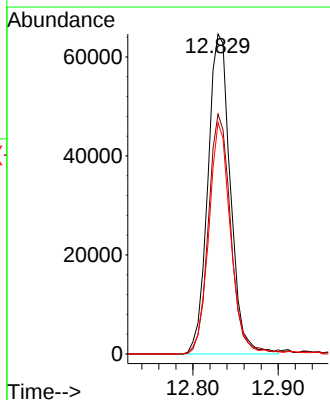
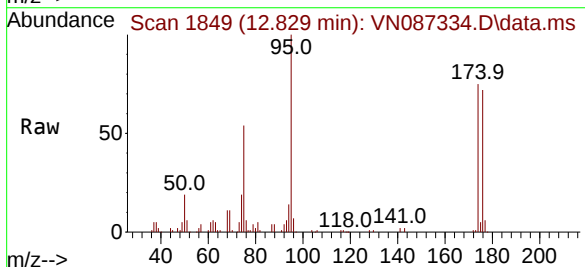
Instrument :
MSVOA_N
ClientSampleId :
IBLK

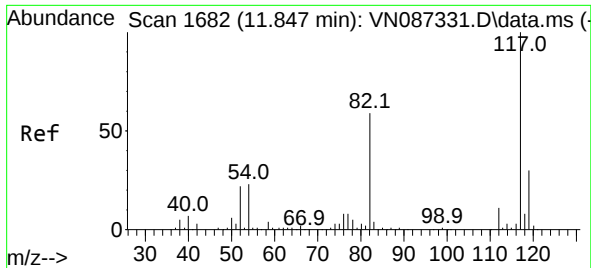
Tgt Ion: 98 Resp: 358069
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.632 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087334.D
Acq: 16 Jul 2025 19:16

Tgt Ion: 95 Resp: 118690
Ion Ratio Lower Upper
95 100
174 73.7 0.0 149.4
176 70.1 0.0 141.2

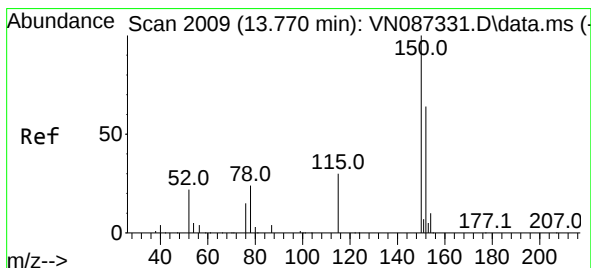
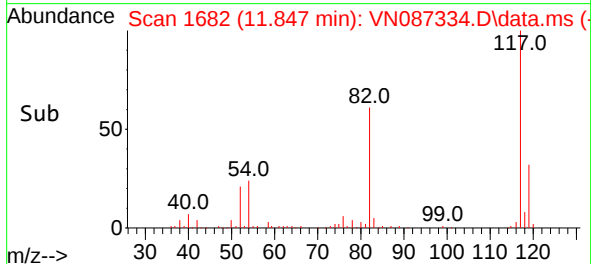
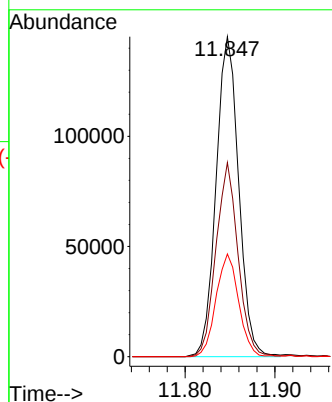
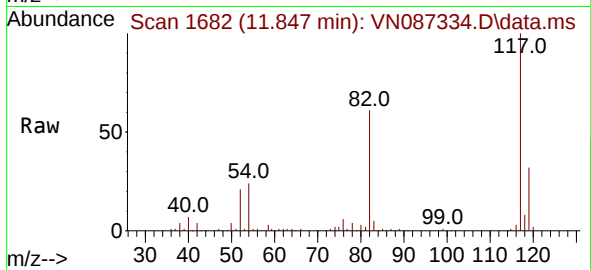




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087334.D
Acq: 16 Jul 2025 19:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 254152
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 32.1 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087334.D
Acq: 16 Jul 2025 19:16

Tgt Ion:152 Resp: 121291
Ion Ratio Lower Upper
152 100
115 59.8 31.1 93.5
150 157.7 0.0 349.0

