

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102425\
 Data File : VN088089.D
 Acq On : 24 Oct 2025 13:22
 Operator : JC\MD
 Sample : VN1024WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBL01

Quant Time: Oct 25 01:02:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	216989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	492274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	454718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	221253	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	223607	59.594	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.180%
35) Dibromofluoromethane	8.147	113	170936	51.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.380%
50) Toluene-d8	10.547	98	622807	48.875	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.829	95	234859	52.187	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.380%

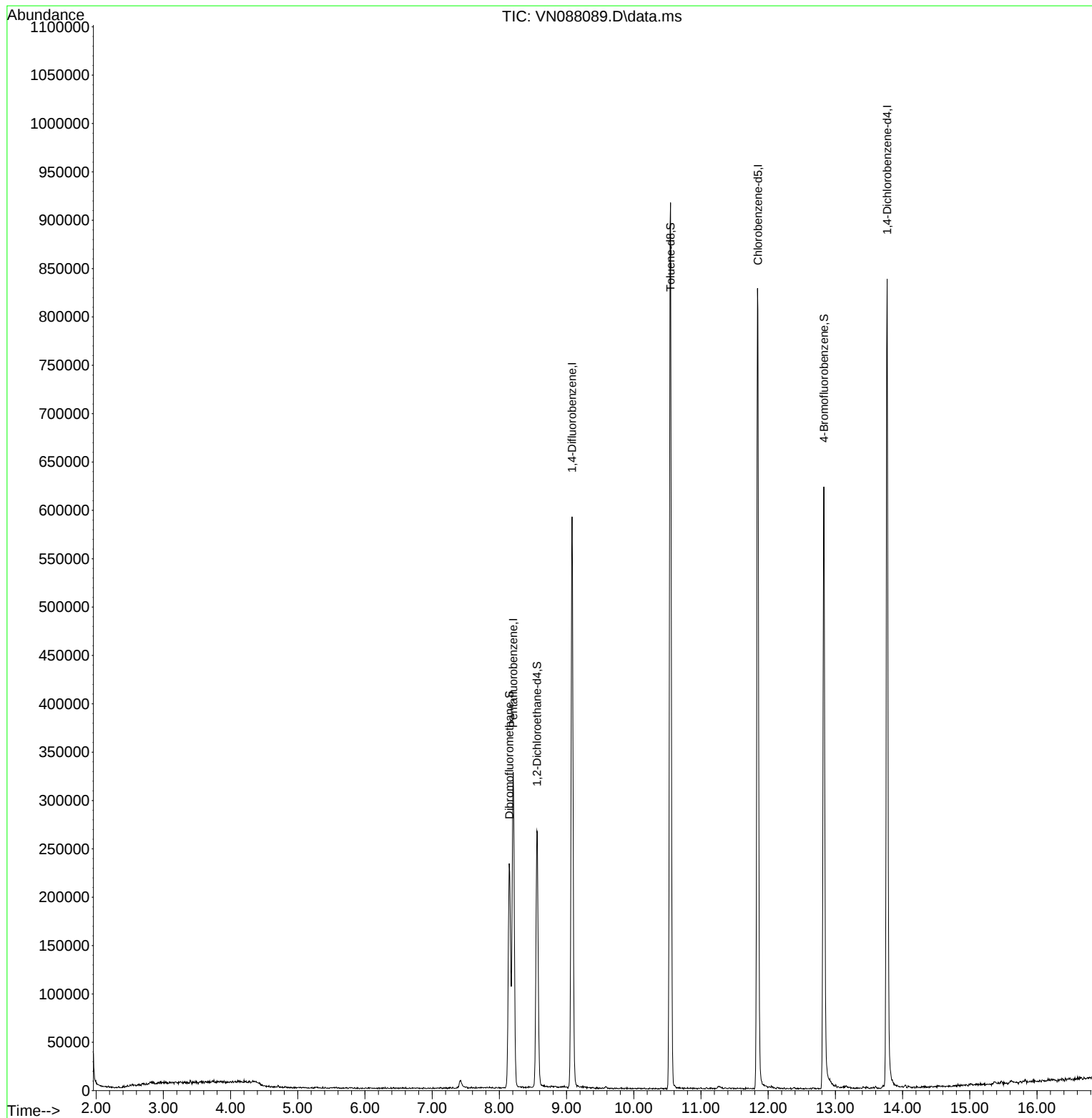
Target Compounds	Qvalue

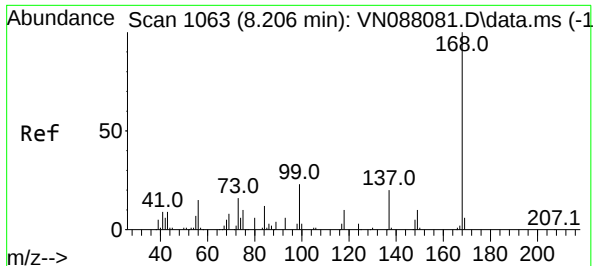
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102425\
Data File : VN088089.D
Acq On : 24 Oct 2025 13:22
Operator : JC\MD
Sample : VN1024WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBL01

Quant Time: Oct 25 01:02:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

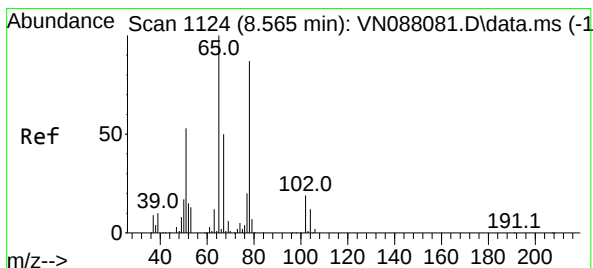
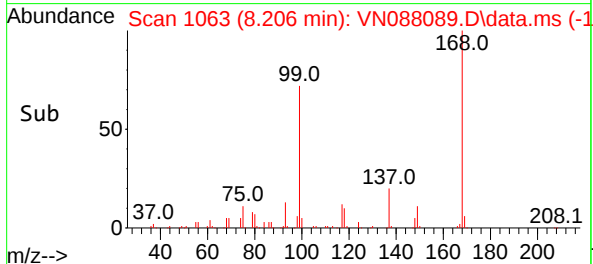
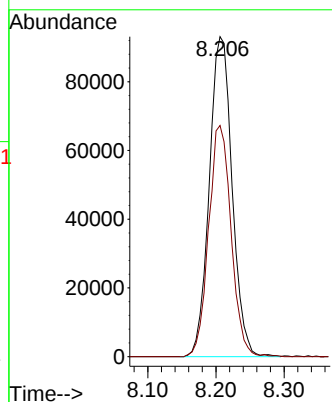
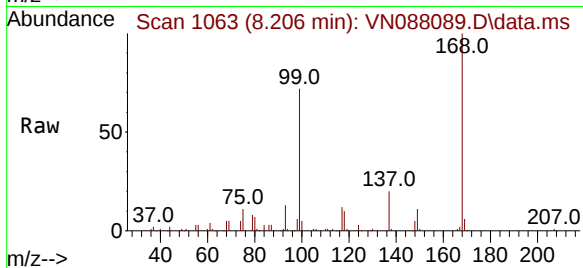




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN088089.D
Acq: 24 Oct 2025 13:22

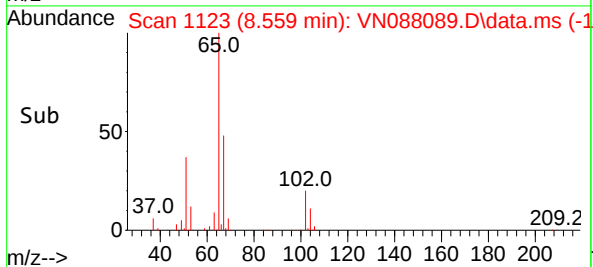
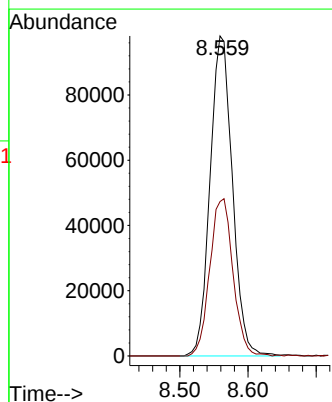
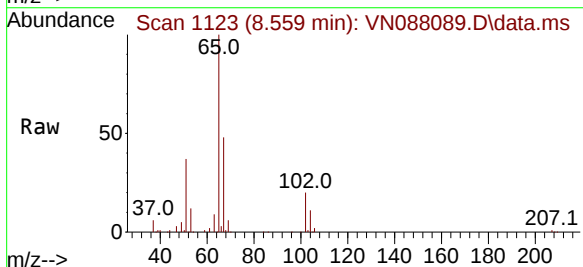
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBL01

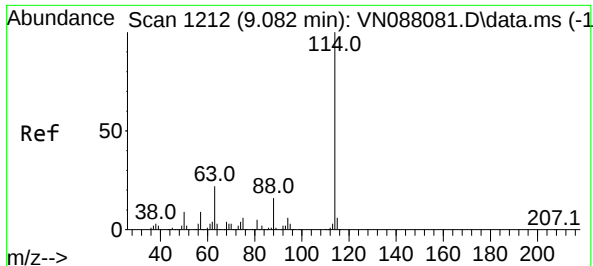
Tgt Ion:168 Resp: 216989
Ion Ratio Lower Upper
168 100
99 72.2 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 59.594 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088089.D
Acq: 24 Oct 2025 13:22

Tgt Ion: 65 Resp: 223607
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088089.D

Acq: 24 Oct 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBL01

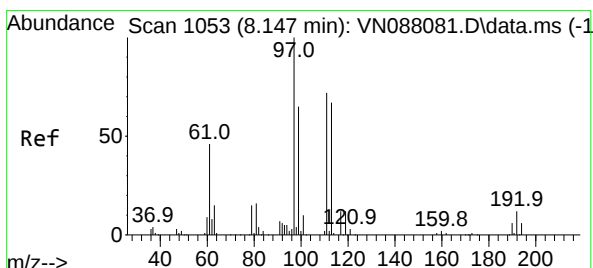
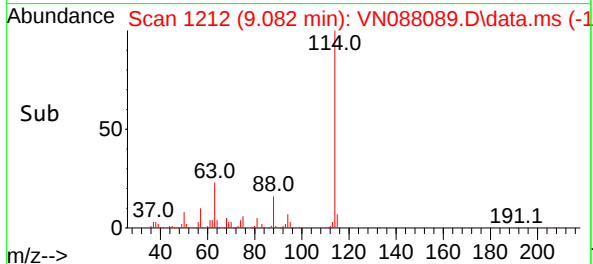
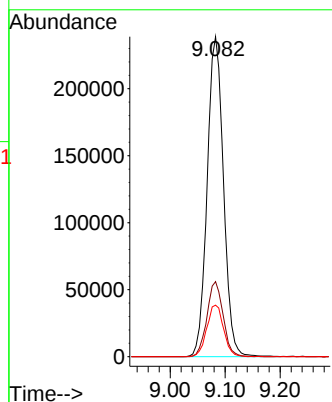
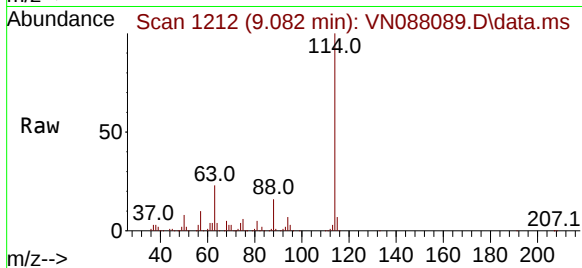
Tgt Ion:114 Resp: 492274

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.2

88 16.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 51.687 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088089.D

Acq: 24 Oct 2025 13:22

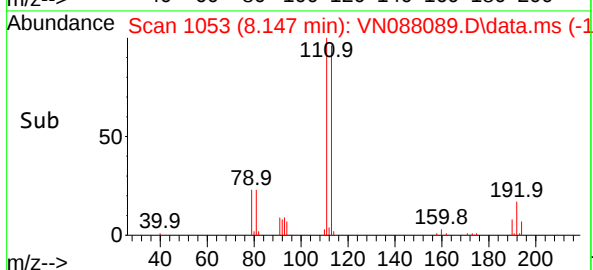
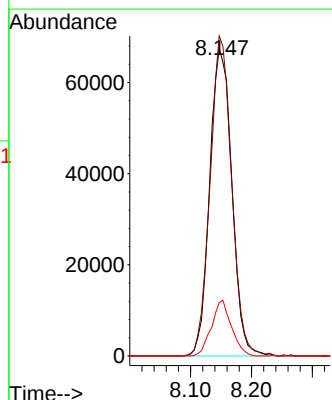
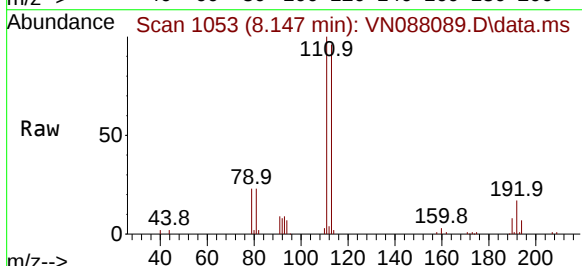
Tgt Ion:113 Resp: 170936

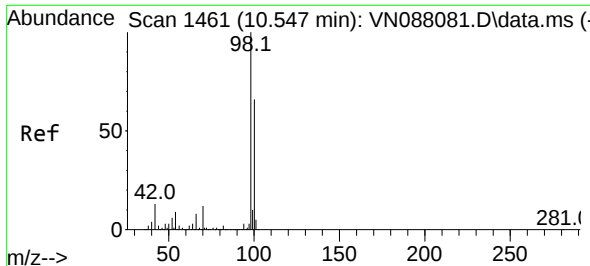
Ion Ratio Lower Upper

113 100

111 101.1 82.8 124.2

192 16.3 12.8 19.2

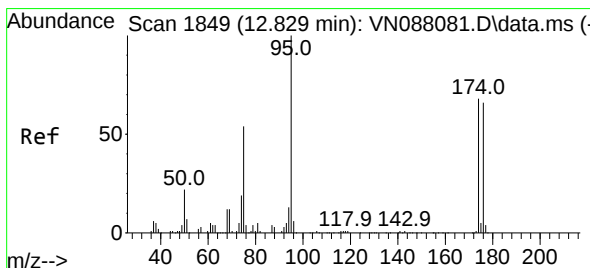
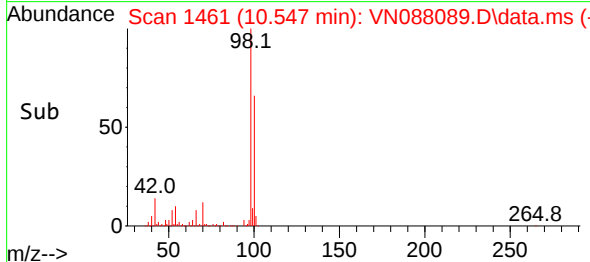
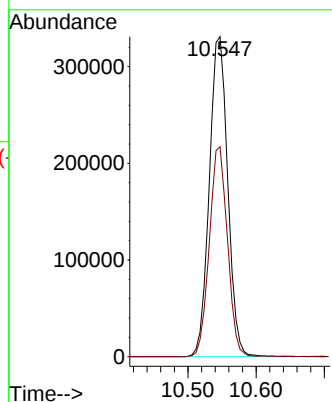
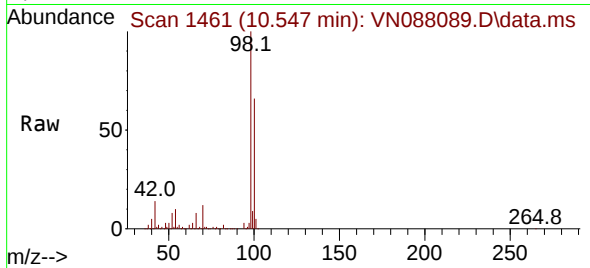




#50
Toluene-d8
Concen: 48.875 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088089.D
Acq: 24 Oct 2025 13:22

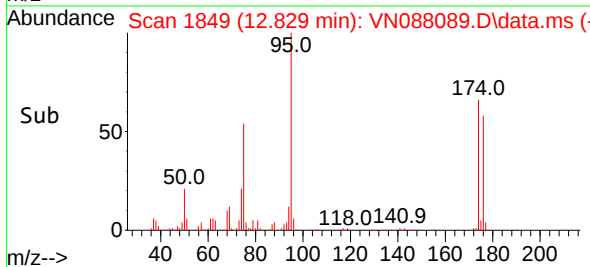
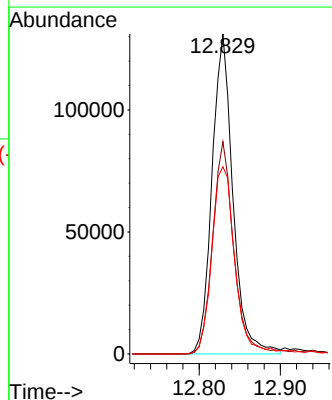
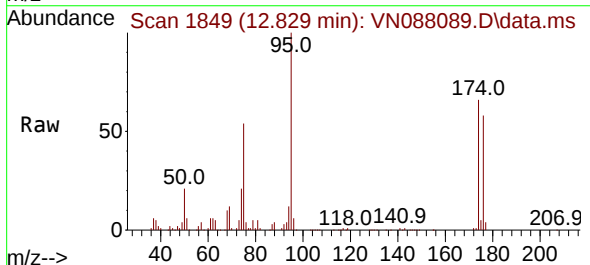
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBL01

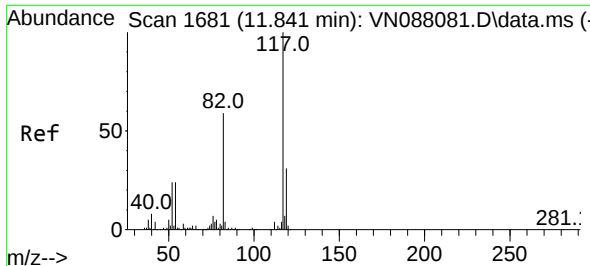
Tgt Ion: 98 Resp: 622807
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 52.187 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088089.D
Acq: 24 Oct 2025 13:22

Tgt Ion: 95 Resp: 234859
Ion Ratio Lower Upper
95 100
174 67.0 0.0 138.4
176 65.0 0.0 132.6

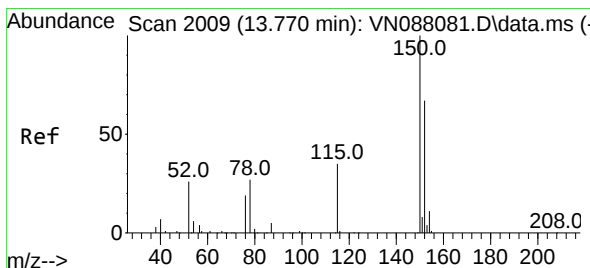
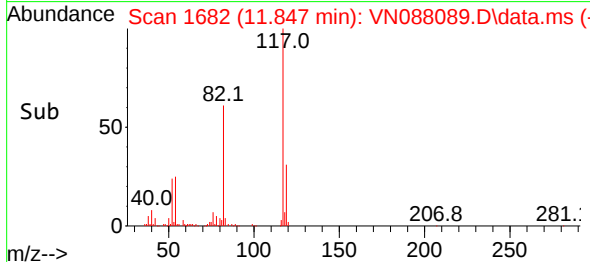
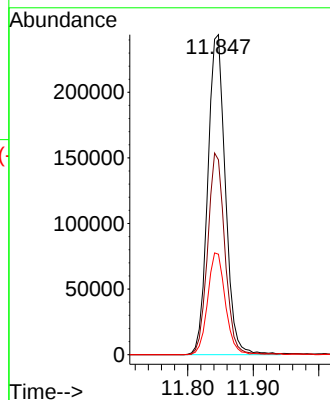
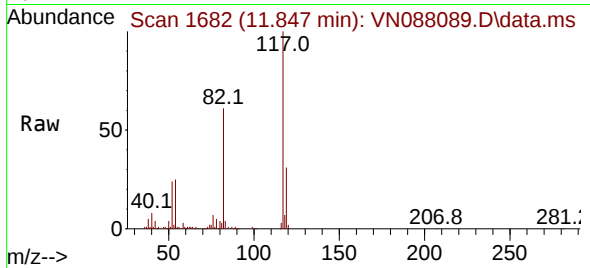




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088089.D
Acq: 24 Oct 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBL01

Tgt Ion:117 Resp: 454718
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 31.4 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088089.D
Acq: 24 Oct 2025 13:22

Tgt Ion:152 Resp: 221253
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 155.8 0.0 351.0

