

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088397.D
 Acq On : 02 Dec 2025 10:20
 Operator : JC\MD
 Sample : VN1202WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBL01

Quant Time: Dec 03 01:24:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	181798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	415636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	401801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	185686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	209307	61.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.240%
35) Dibromofluoromethane	8.141	113	150997	52.423	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.840%
50) Toluene-d8	10.541	98	537087	50.115	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.823	95	190598	51.832	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.660%

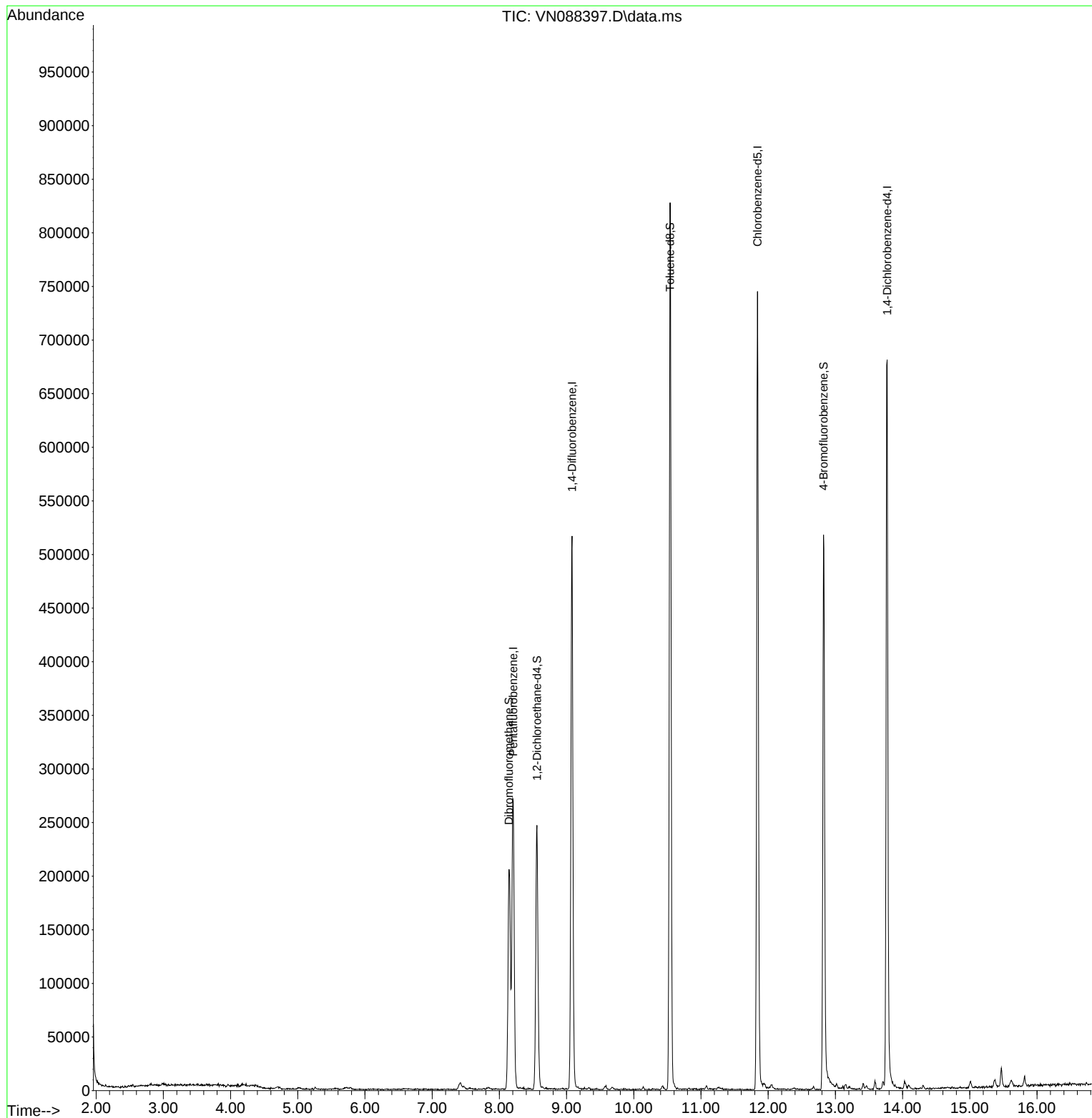
Target Compounds	Qvalue

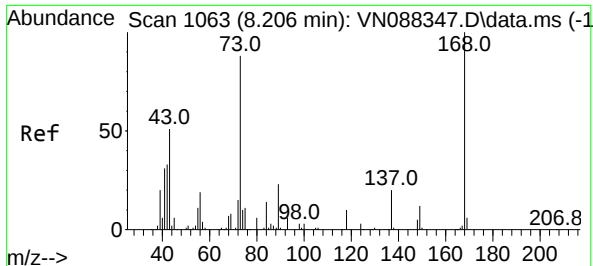
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088397.D
Acq On : 02 Dec 2025 10:20
Operator : JC\MD
Sample : VN1202WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Quant Time: Dec 03 01:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

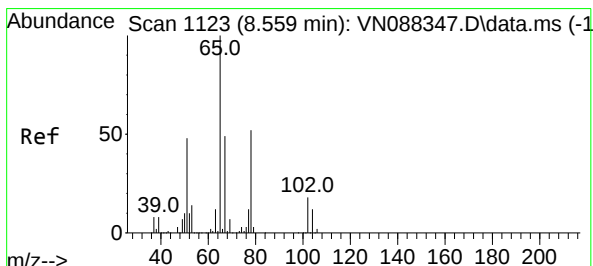
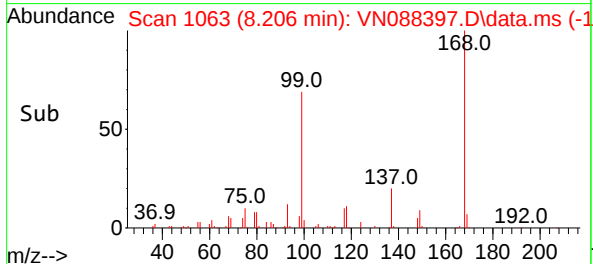
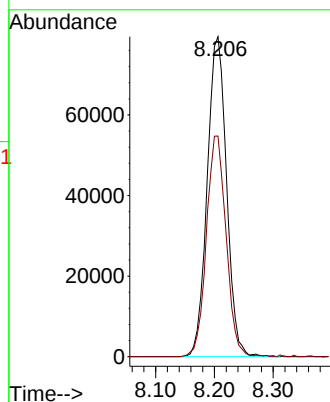
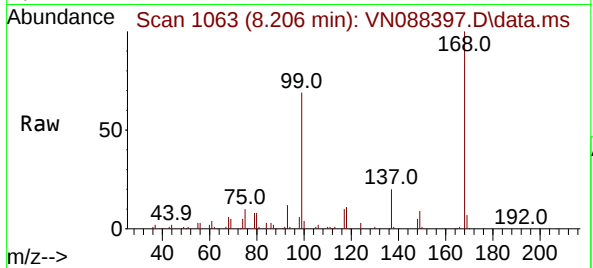




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

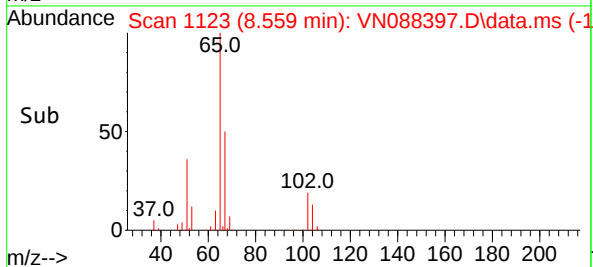
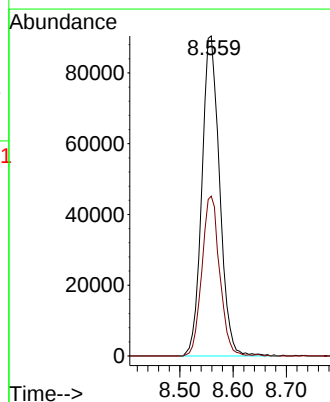
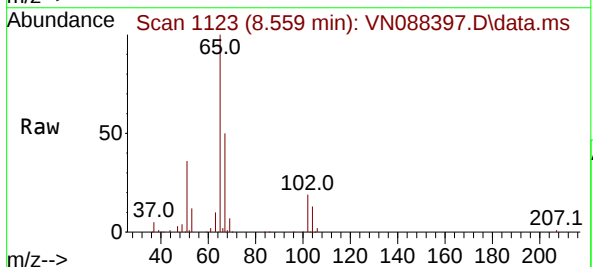
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

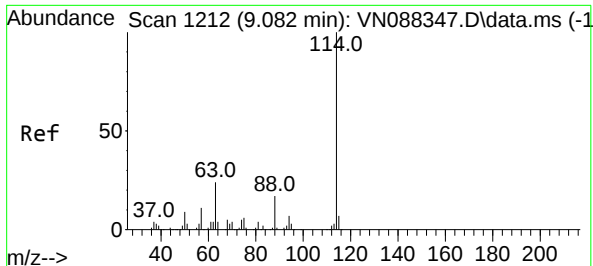
Tgt Ion:168 Resp: 181798
Ion Ratio Lower Upper
168 100
99 69.0 57.1 85.7



#33
1,2-Dichloroethane-d4
Concen: 61.117 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion: 65 Resp: 209307
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBL01

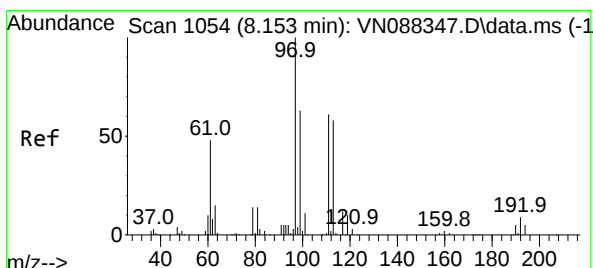
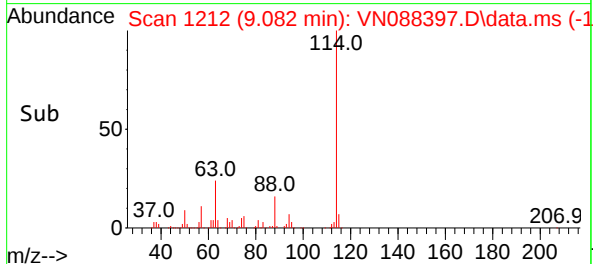
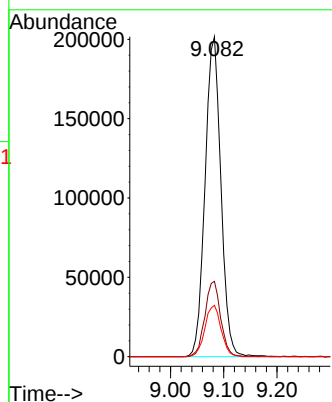
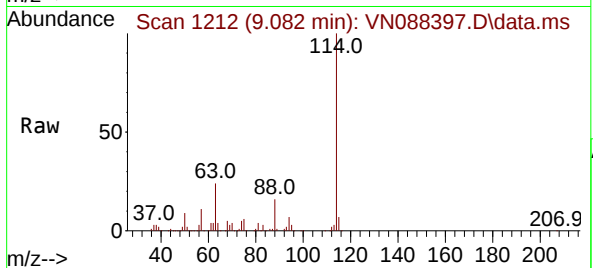
Tgt Ion:114 Resp: 415636

Ion Ratio Lower Upper

114 100

63 23.5 0.0 49.0

88 16.0 0.0 34.0



#35

Dibromofluoromethane

Concen: 52.423 ug/l

RT: 8.141 min Scan# 1052

Delta R.T. -0.012 min

Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

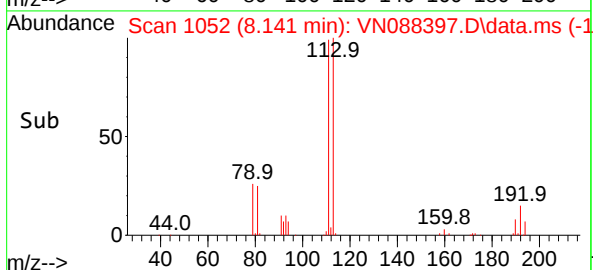
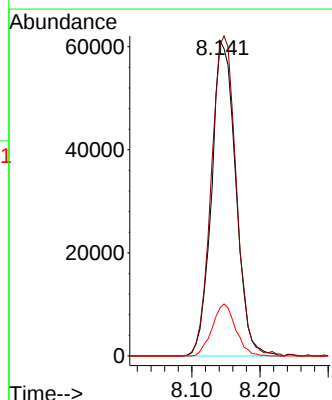
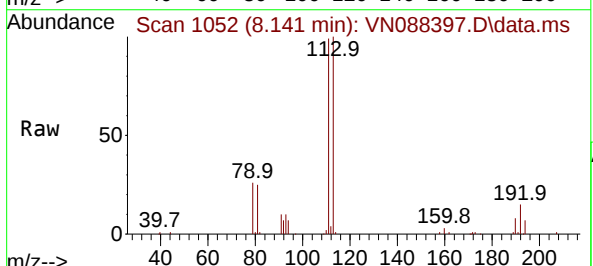
Tgt Ion:113 Resp: 150997

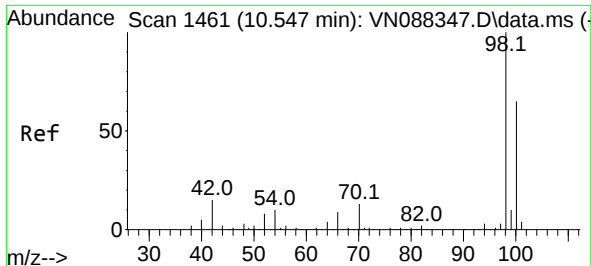
Ion Ratio Lower Upper

113 100

111 104.4 82.5 123.7

192 16.0 12.8 19.2

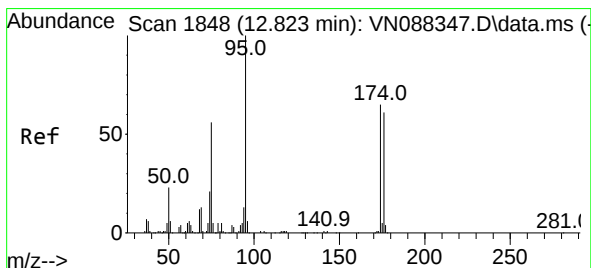
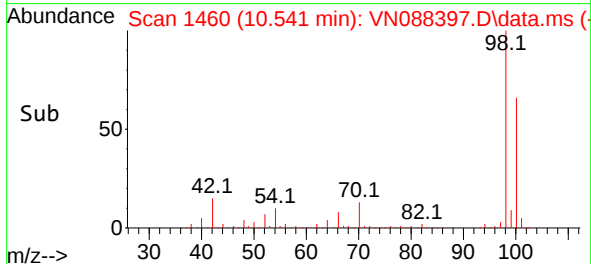
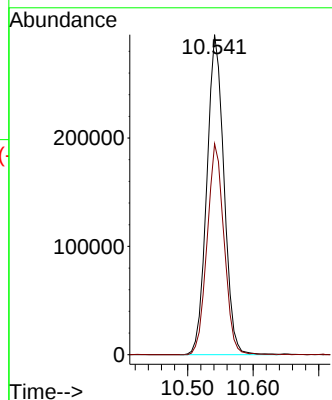
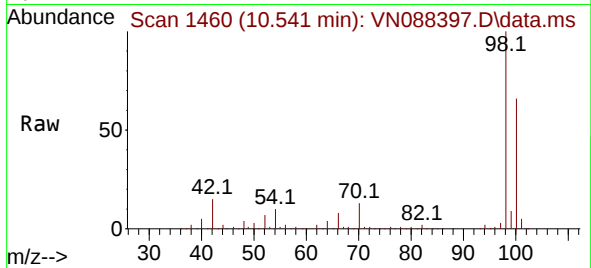




#50
Toluene-d8
Concen: 50.115 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

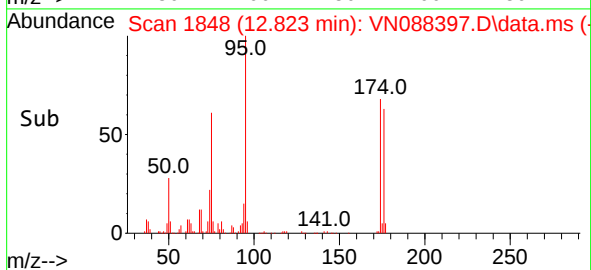
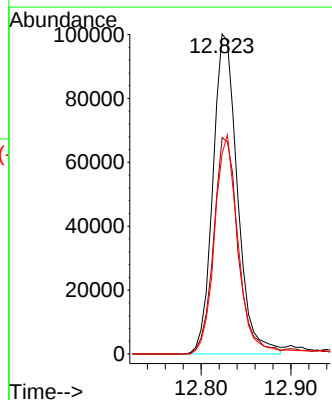
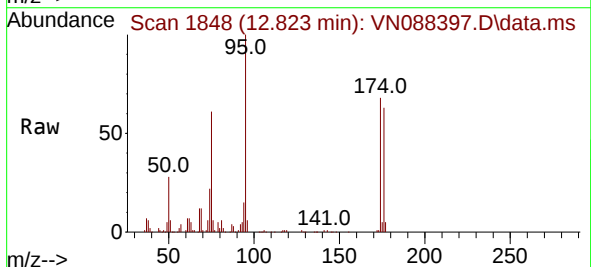
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

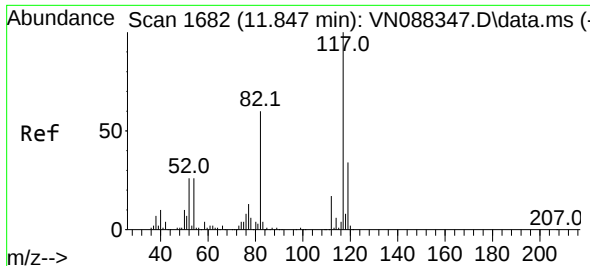
Tgt Ion: 98 Resp: 537087
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.832 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion: 95 Resp: 190598
Ion Ratio Lower Upper
95 100
174 67.4 0.0 139.0
176 66.5 0.0 132.4

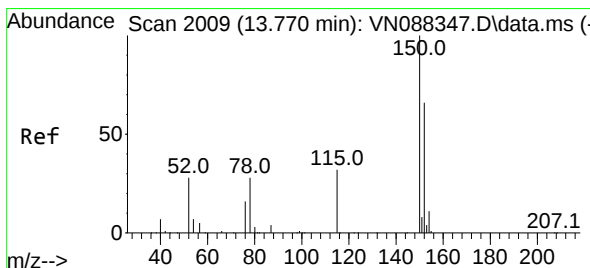
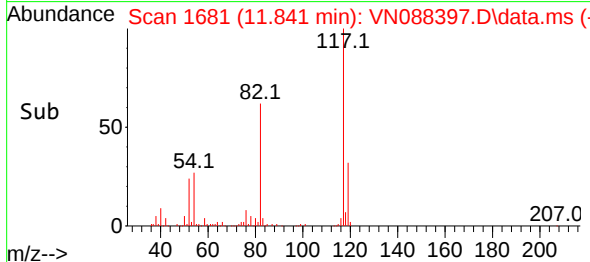
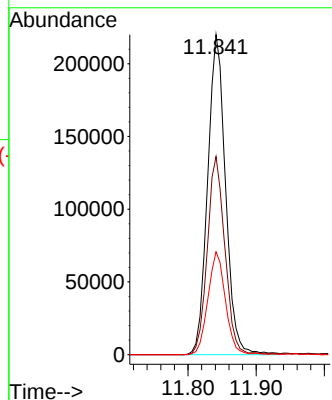
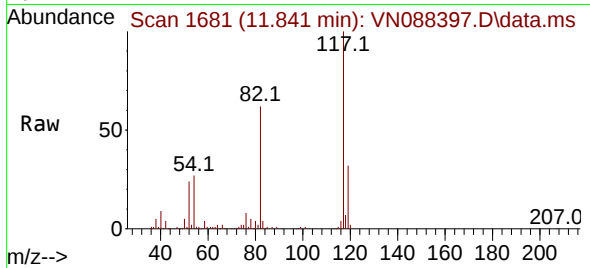




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Tgt Ion:117 Resp: 401801
Ion Ratio Lower Upper
117 100
82 61.9 47.8 71.8
119 32.1 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion:152 Resp: 185686
Ion Ratio Lower Upper
152 100
115 63.7 33.0 98.9
150 155.6 0.0 349.0

