

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087793.D
 Acq On : 11 Sep 2025 13:25
 Operator : JC\MD
 Sample : VN0911MBL01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911MBL01

Quant Time: Sep 12 02:50:42 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	196159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	438825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	405008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	186632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	196234	48.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.660%
35) Dibromofluoromethane	8.147	113	156560	49.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.820%
50) Toluene-d8	10.547	98	554546	46.764	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.829	95	183962	43.622	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.240%

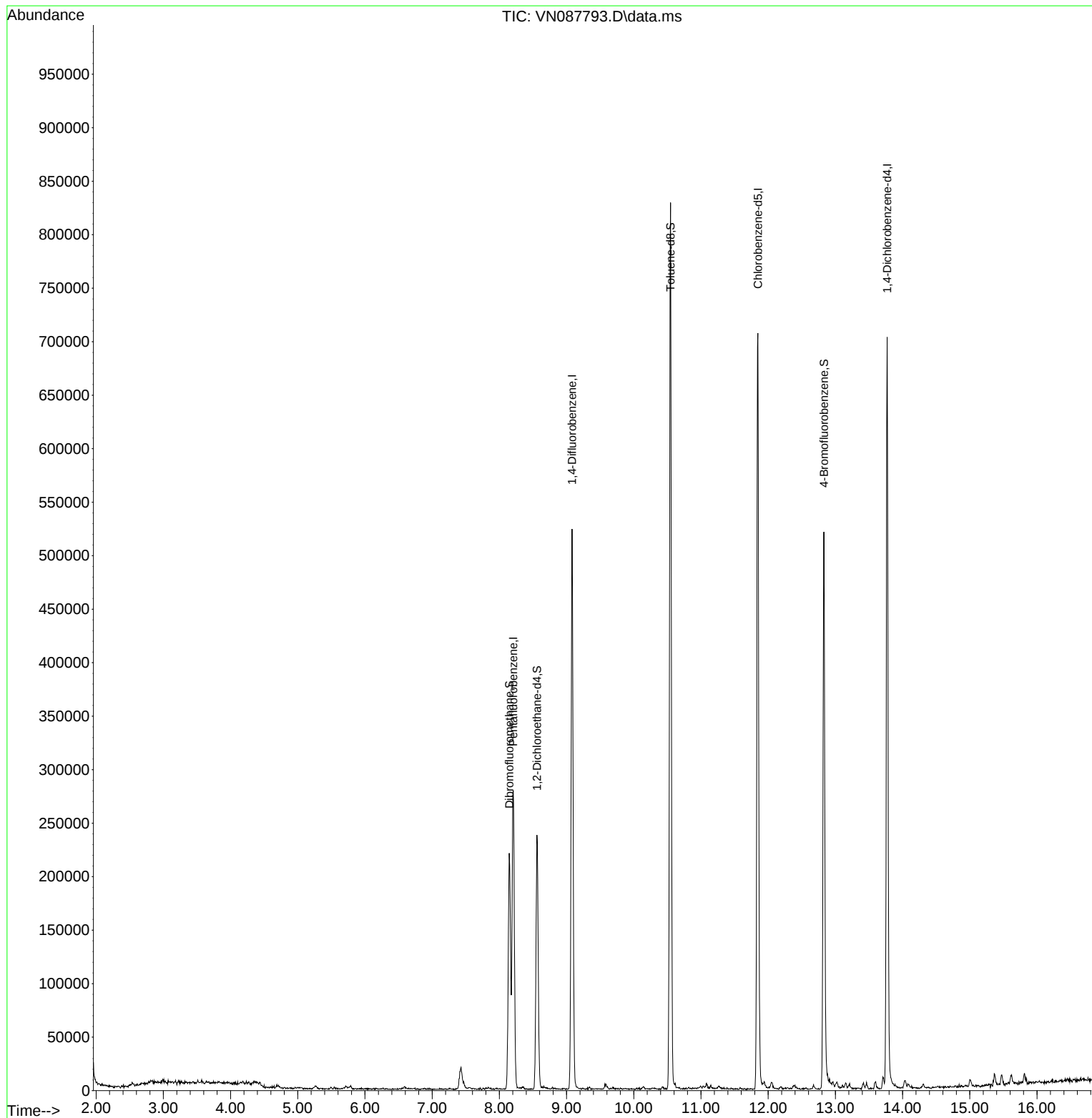
Target Compounds	Qvalue

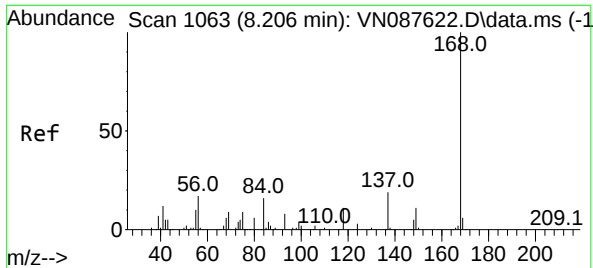
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087793.D
Acq On : 11 Sep 2025 13:25
Operator : JC\MD
Sample : VN0911MBL01
Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

Quant Time: Sep 12 02:50:42 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

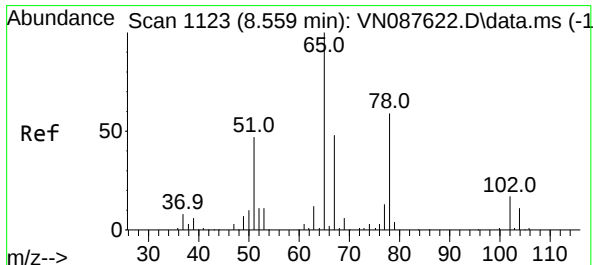
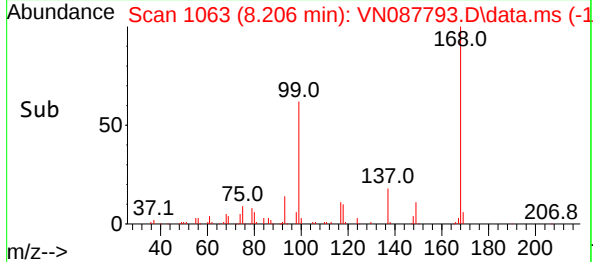
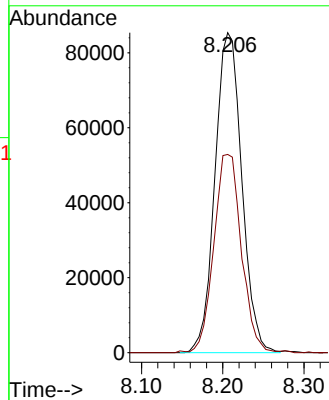
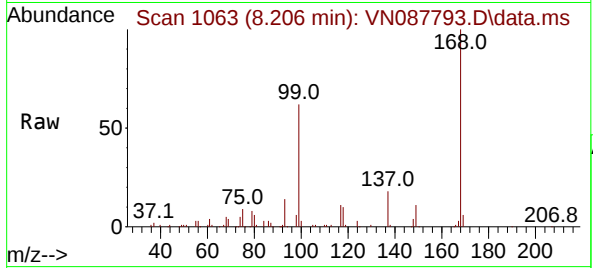




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

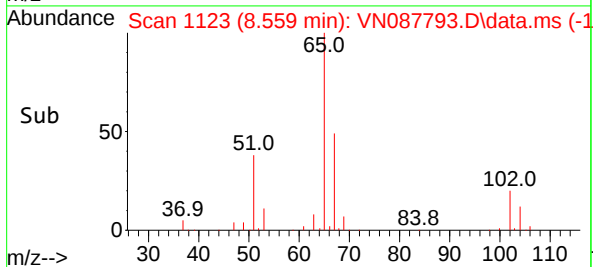
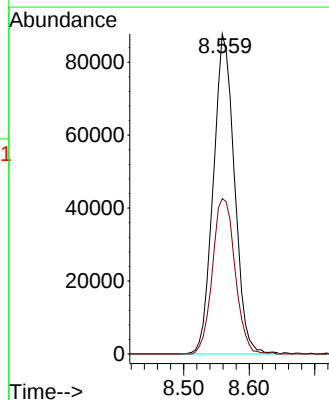
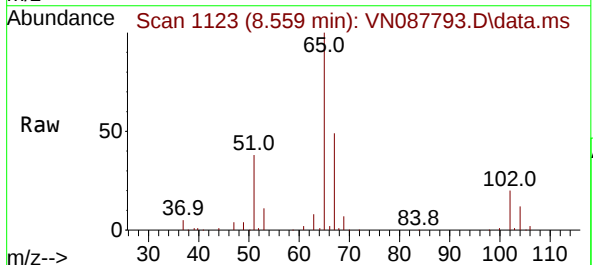
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

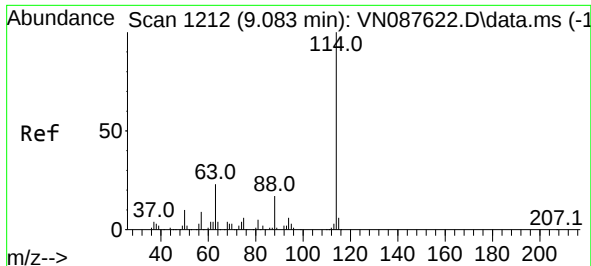
Tgt Ion:168 Resp: 196159
Ion Ratio Lower Upper
168 100
99 61.5 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 48.826 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 65 Resp: 196234
Ion Ratio Lower Upper
65 100
67 51.9 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: VN087793.D

Acq: 11 Sep 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0911MBL01

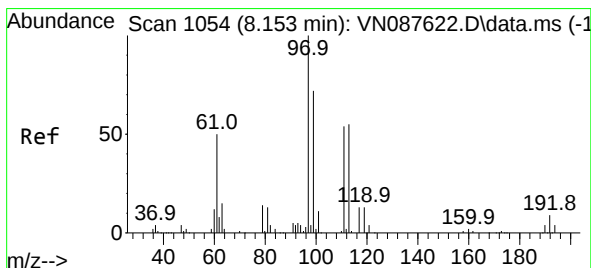
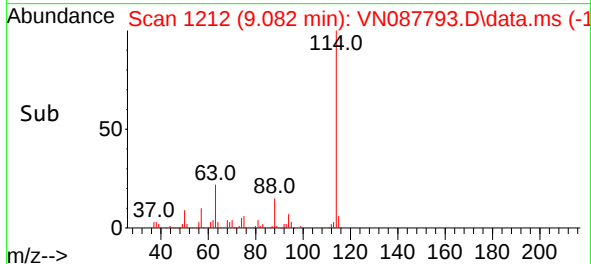
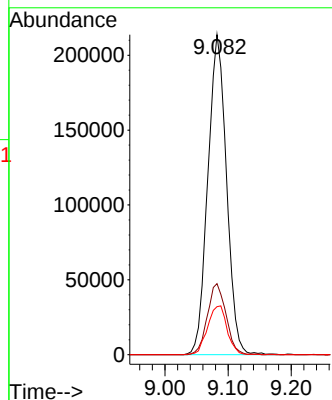
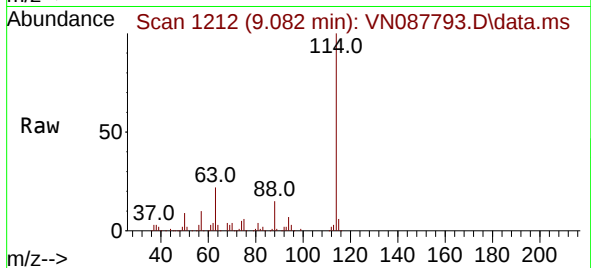
Tgt Ion:114 Resp: 438825

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.2

88 15.0 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.414 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

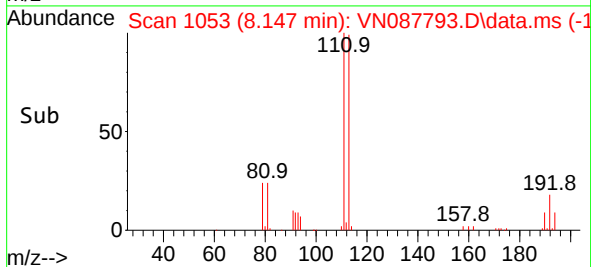
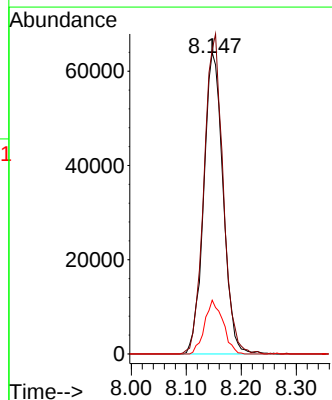
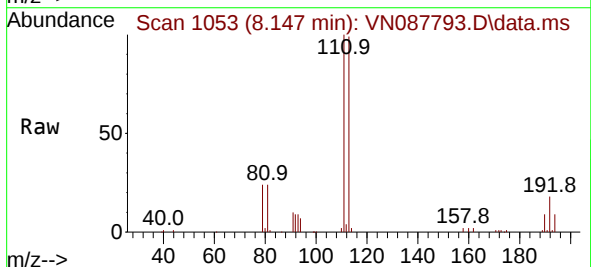
Tgt Ion:113 Resp: 156560

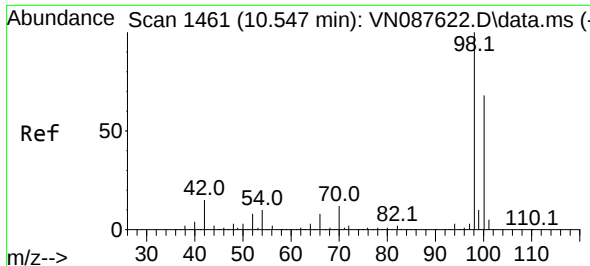
Ion Ratio Lower Upper

113 100

111 104.6 82.8 124.2

192 16.9 12.8 19.2

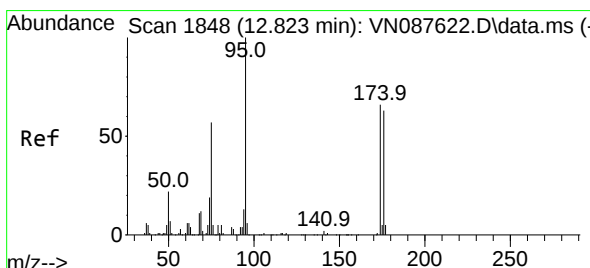
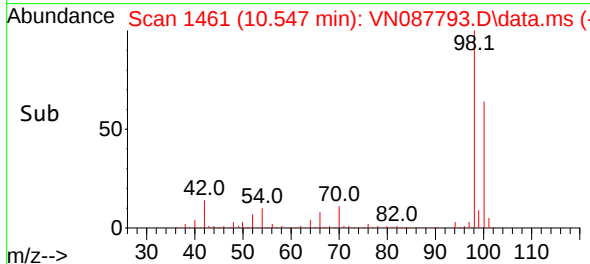
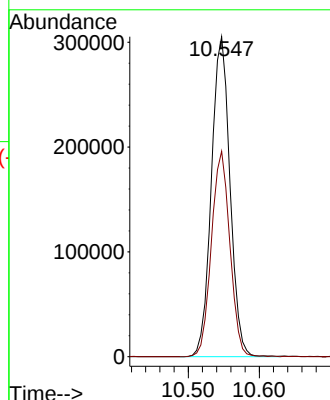
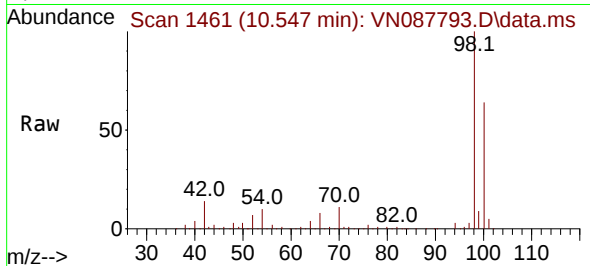




#50
Toluene-d8
Concen: 46.764 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

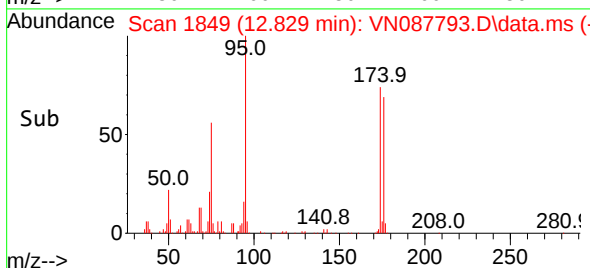
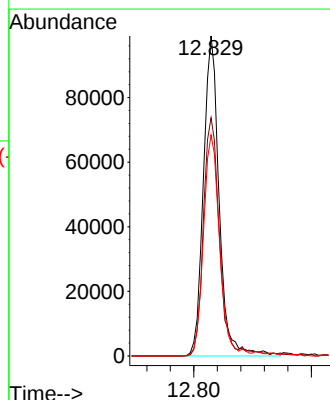
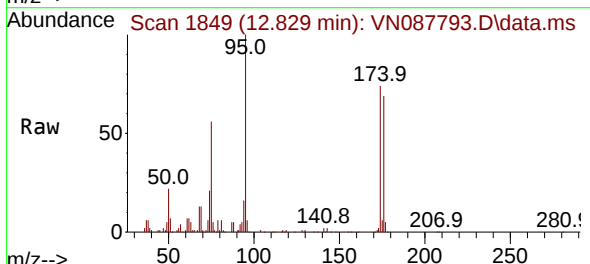
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

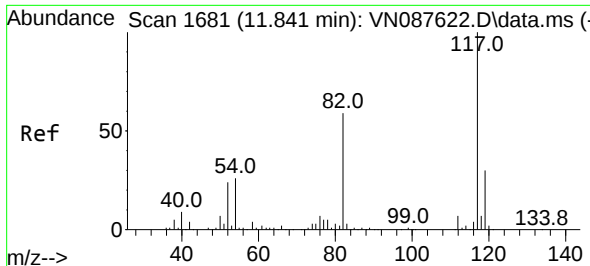
Tgt Ion: 98 Resp: 554546
Ion Ratio Lower Upper
98 100
100 63.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 43.622 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 95 Resp: 183962
Ion Ratio Lower Upper
95 100
174 73.9 0.0 138.4
176 70.3 0.0 132.6

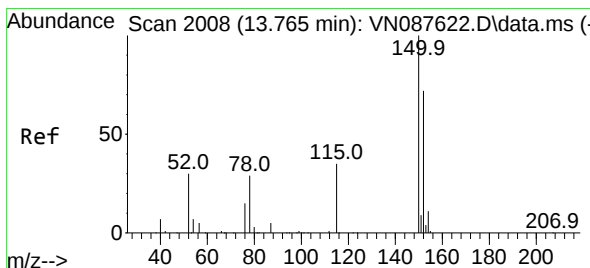
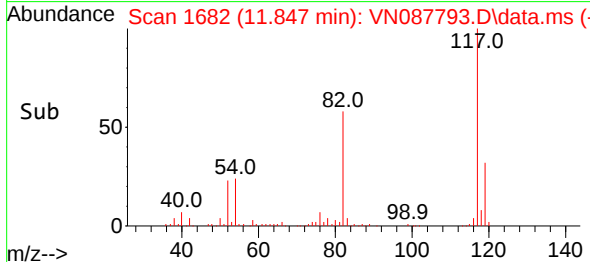
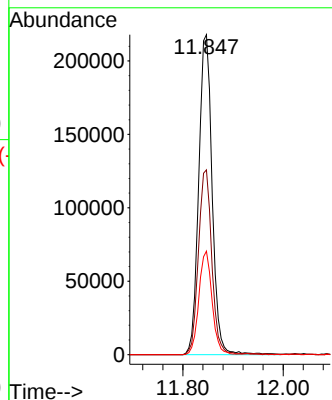
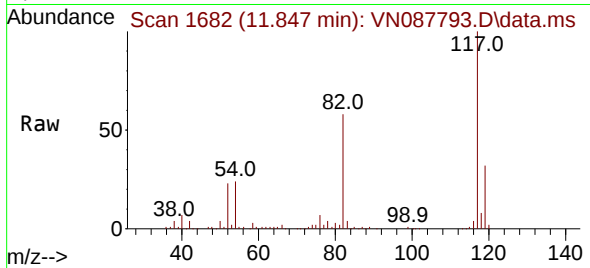




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

Tgt Ion:117 Resp: 405008
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.3 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: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion:152 Resp: 186632
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 158.0 0.0 351.0

