

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086679.D
 Acq On : 19 May 2025 10:52
 Operator : JC\MD
 Sample : VN0519WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBL01

Quant Time: May 20 03:14:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	170117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	313110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	118525	50.421	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.840%
35) Dibromofluoromethane	8.165	113	101177	51.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	10.565	98	418941	51.293	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.847	95	150196	52.080	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.160%

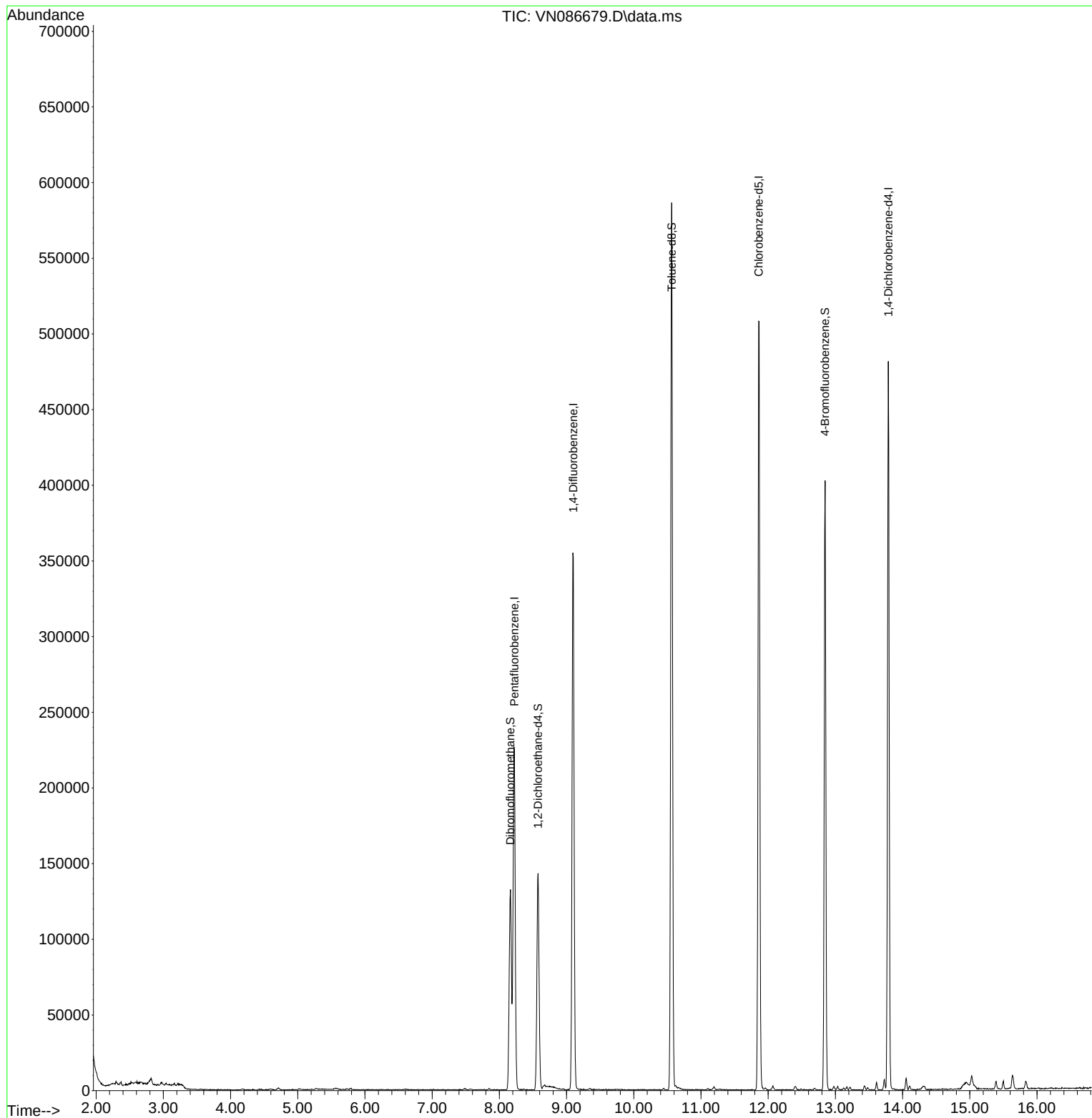
Target Compounds	Qvalue

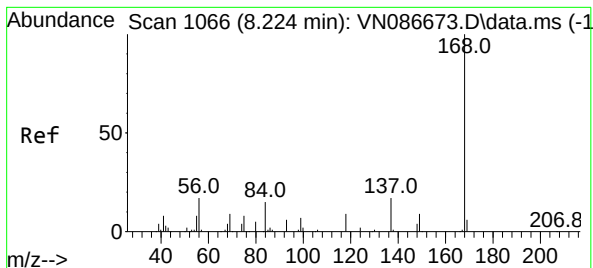
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086679.D
Acq On : 19 May 2025 10:52
Operator : JC\MD
Sample : VN0519WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL01

Quant Time: May 20 03:14:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

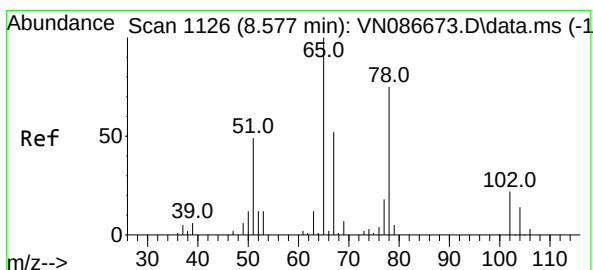
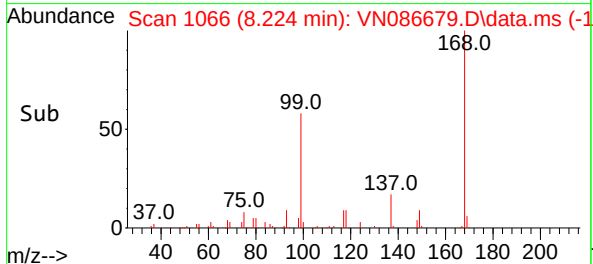
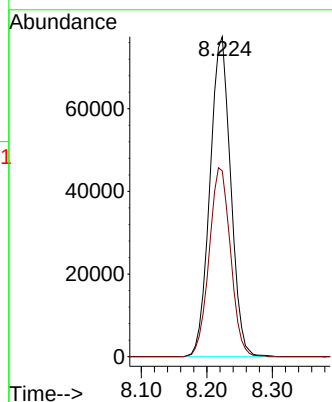
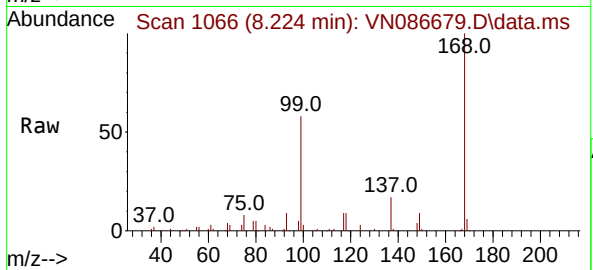




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086679.D
Acq: 19 May 2025 10:52

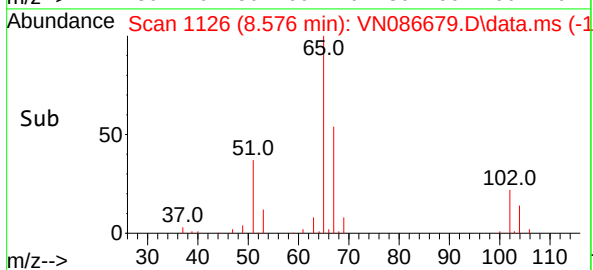
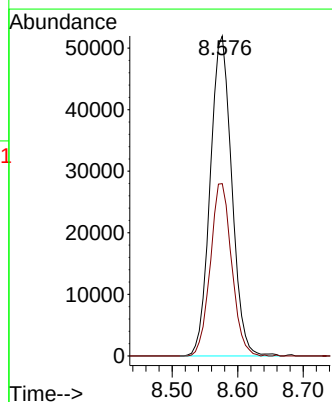
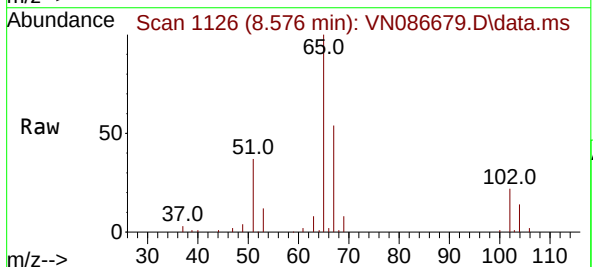
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL01

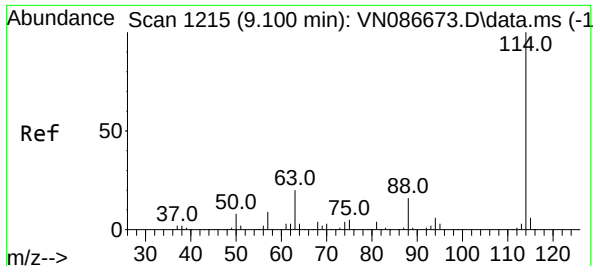
Tgt Ion:168 Resp: 170117
Ion Ratio Lower Upper
168 100
99 58.1 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 50.421 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086679.D
Acq: 19 May 2025 10:52

Tgt Ion: 65 Resp: 118525
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086679.D

Acq: 19 May 2025 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBL01

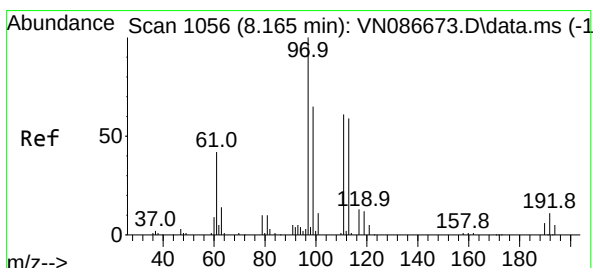
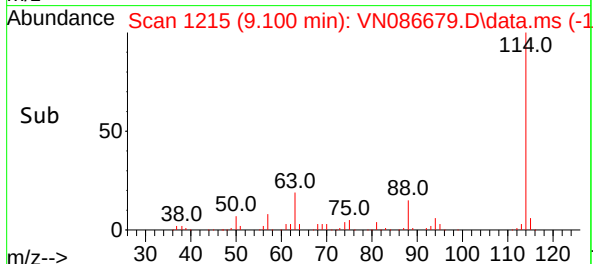
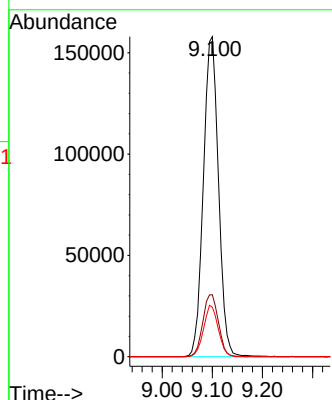
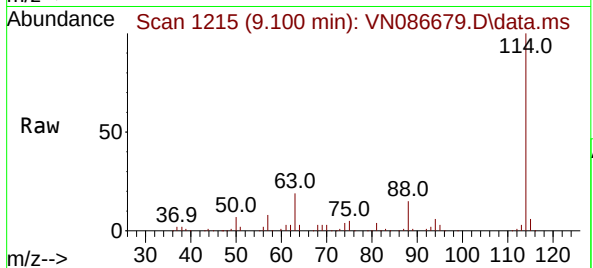
Tgt Ion:114 Resp: 330949

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 15.4 0.0 31.2



#35

Dibromofluoromethane

Concen: 51.334 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086679.D

Acq: 19 May 2025 10:52

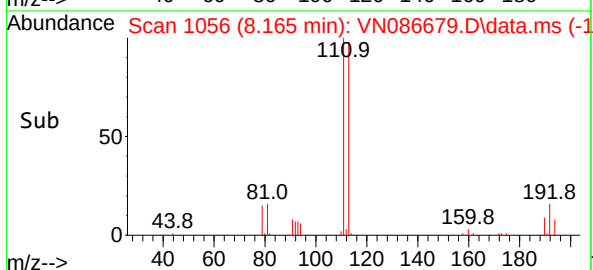
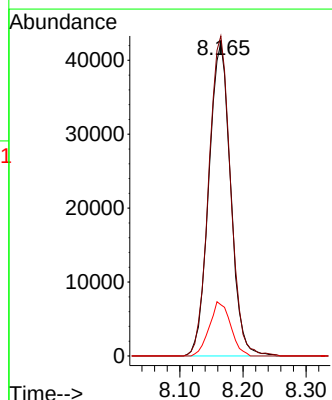
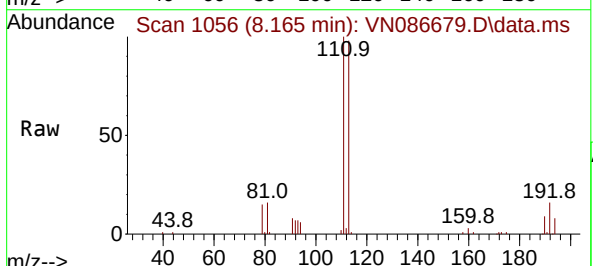
Tgt Ion:113 Resp: 101177

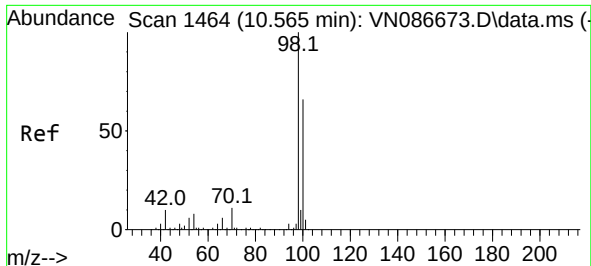
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 16.9 13.8 20.8

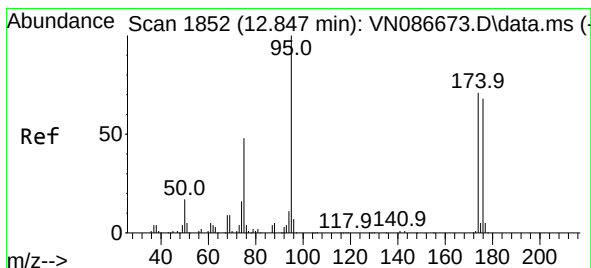
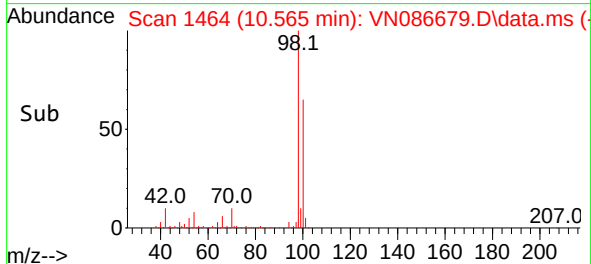
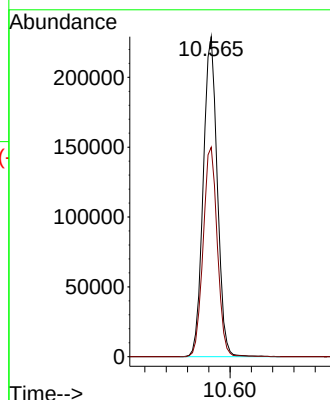
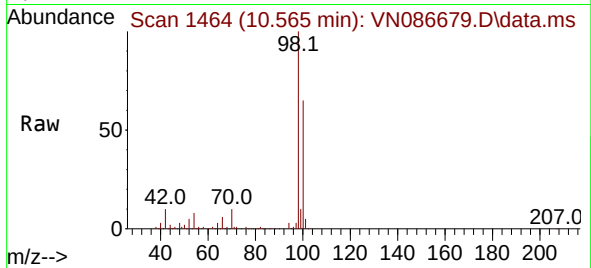




#50
Toluene-d8
Concen: 51.293 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086679.D
Acq: 19 May 2025 10:52

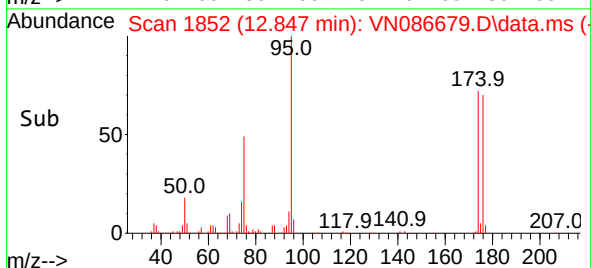
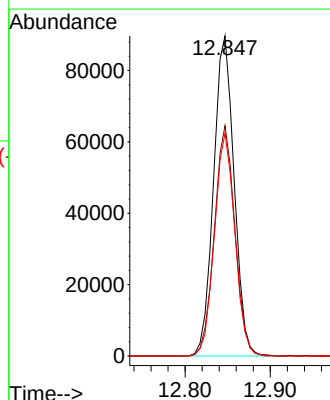
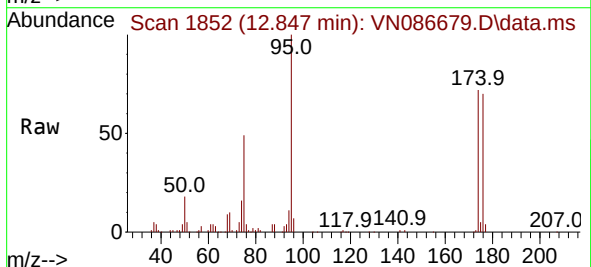
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL01

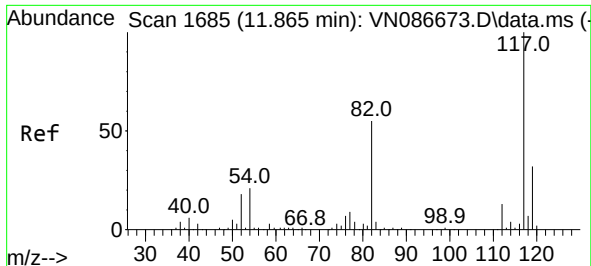
Tgt Ion: 98 Resp: 418941
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.080 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086679.D
Acq: 19 May 2025 10:52

Tgt Ion: 95 Resp: 150196
Ion Ratio Lower Upper
95 100
174 72.0 0.0 145.4
176 68.9 0.0 137.8

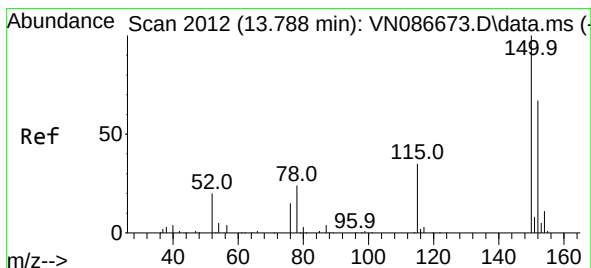
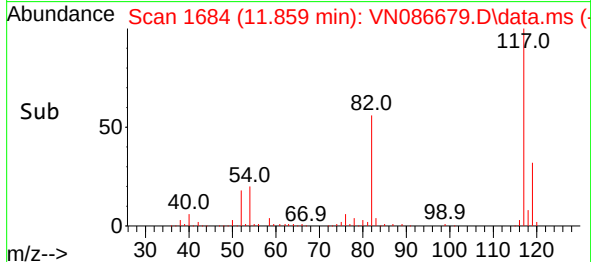
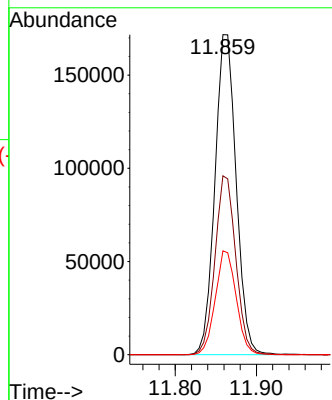
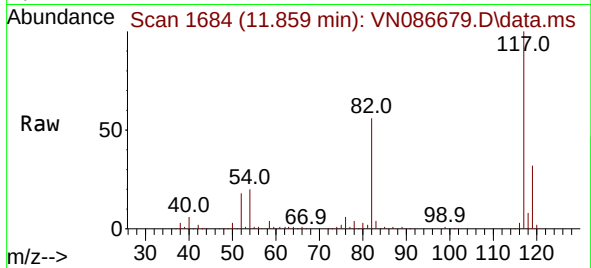




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086679.D
Acq: 19 May 2025 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL01

Tgt Ion:117 Resp: 313110
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086679.D
Acq: 19 May 2025 10:52

Tgt Ion:152 Resp: 133666
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.1
150 159.2 0.0 347.8

