

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086307.D
 Acq On : 16 Apr 2025 19:16
 Operator : JC\MD
 Sample : Q1791-10 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 280722

Quant Time: Apr 17 03:09:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	195811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	349748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138406	48.744	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.480%
35) Dibromofluoromethane	8.165	113	95714	55.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.420%
50) Toluene-d8	10.565	98	477509	51.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.080%
62) 4-Bromofluorobenzene	12.847	95	174365	51.598	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.200%

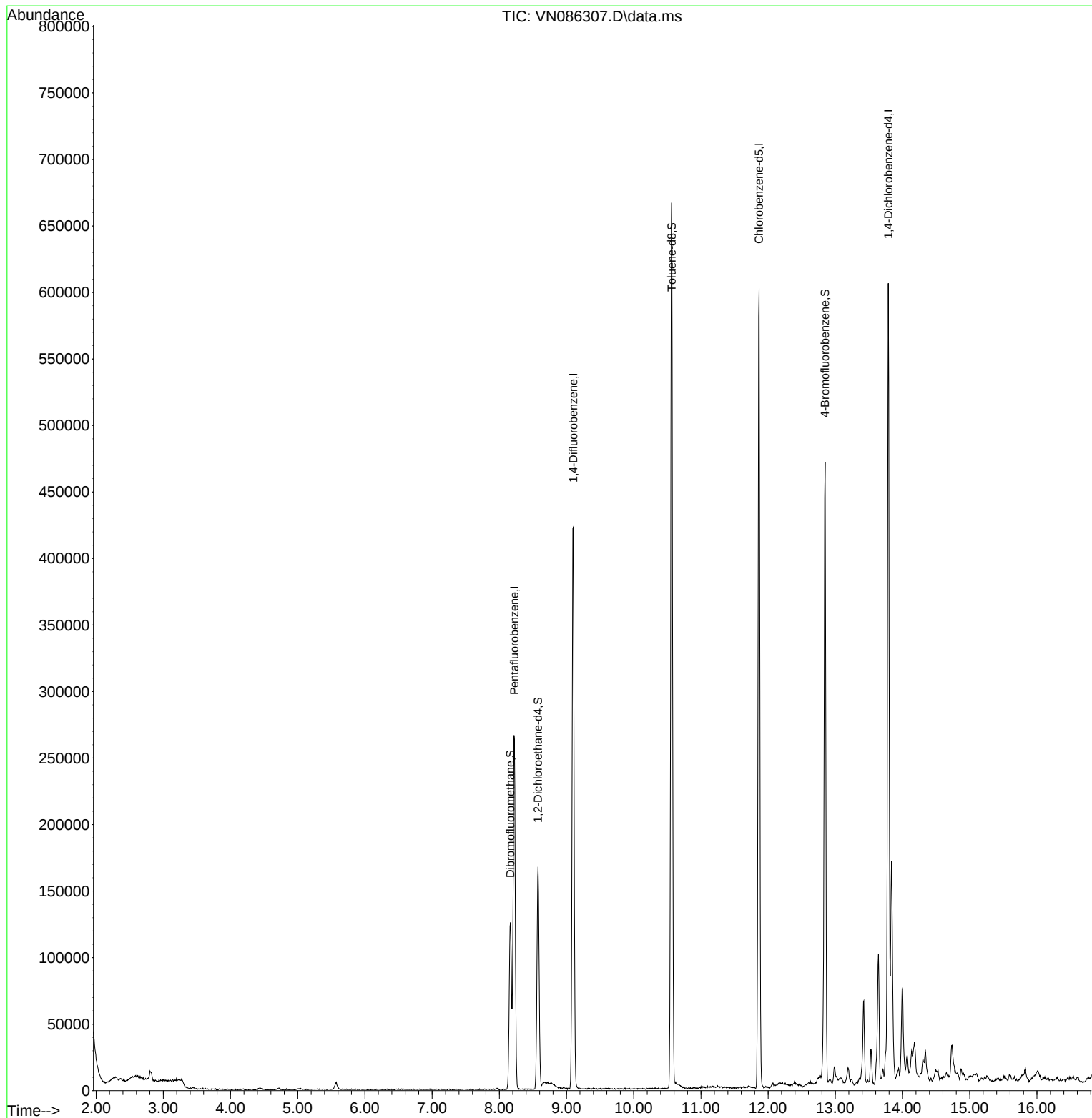
Target Compounds	Qvalue

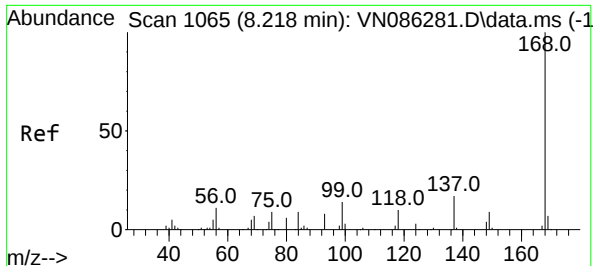
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086307.D
Acq On : 16 Apr 2025 19:16
Operator : JC\MD
Sample : Q1791-10 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
280722

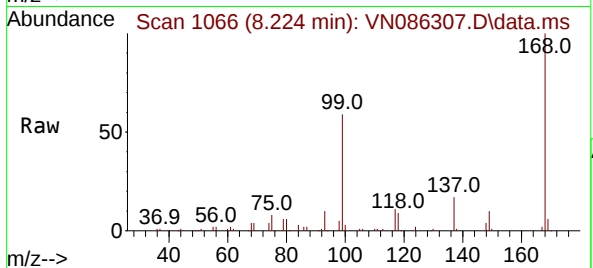
Quant Time: Apr 17 03:09:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



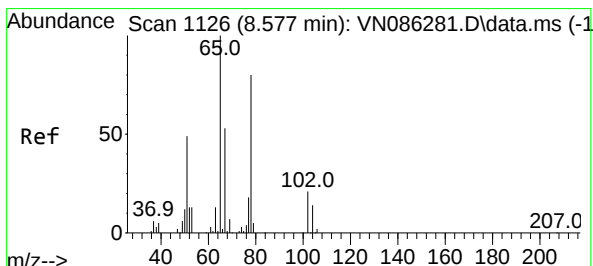
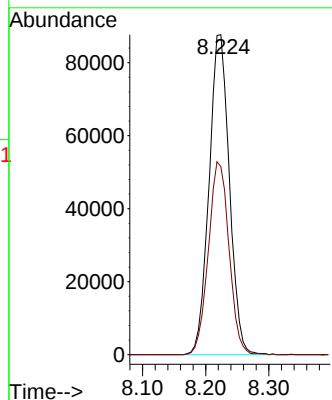
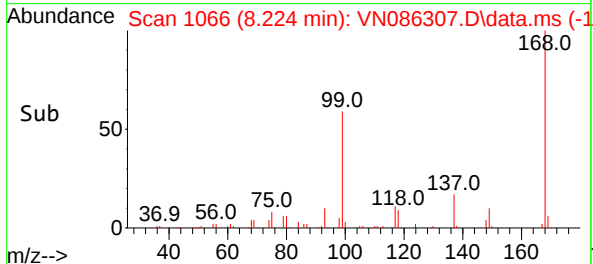


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086307.D
Acq: 16 Apr 2025 19:16

Instrument :
MSVOA_N
ClientSampleId :
280722

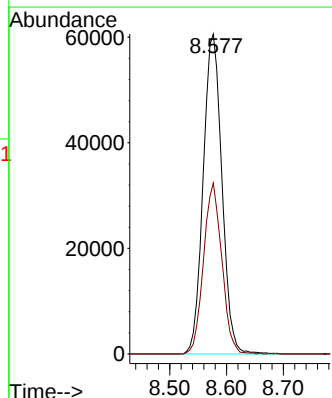
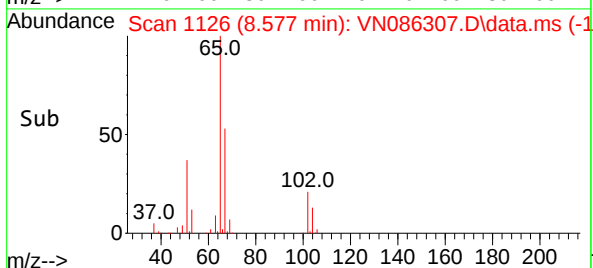
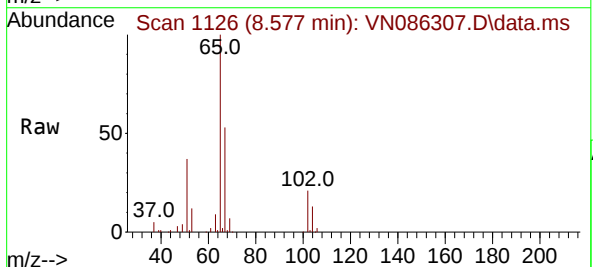


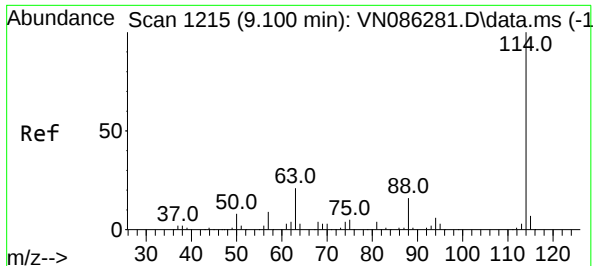
Tgt Ion:168 Resp: 195811
Ion Ratio Lower Upper
168 100
99 58.7 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.744 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086307.D
Acq: 16 Apr 2025 19:16

Tgt Ion: 65 Resp: 138406
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086307.D

Acq: 16 Apr 2025 19:16

Instrument :

MSVOA_N

ClientSampleId :

280722

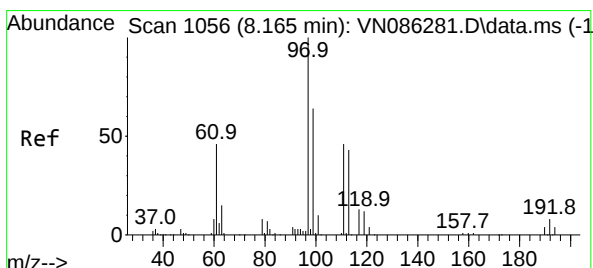
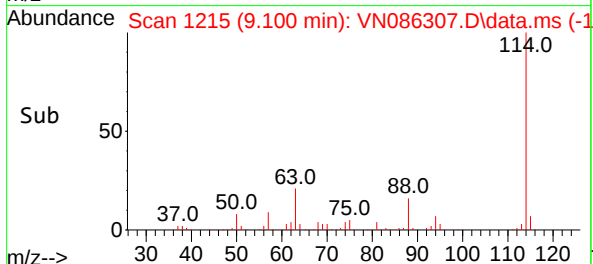
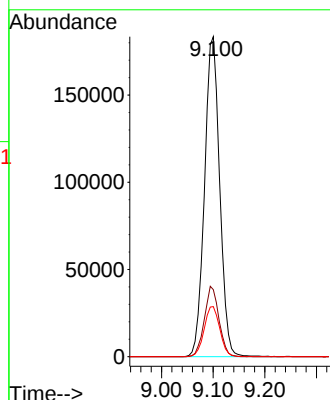
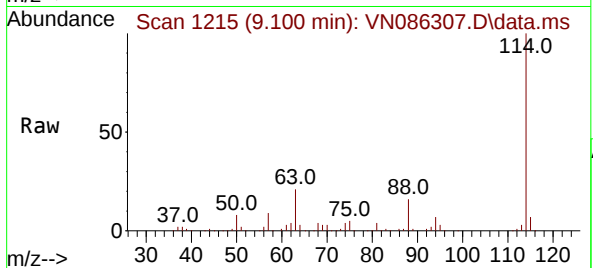
Tgt Ion:114 Resp: 373519

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.213 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086307.D

Acq: 16 Apr 2025 19:16

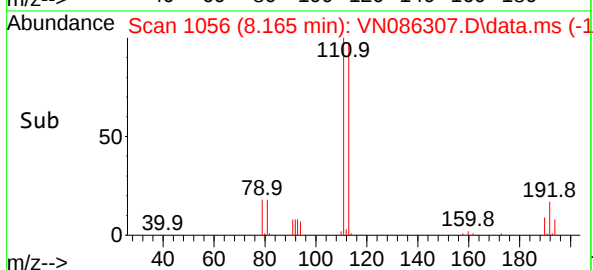
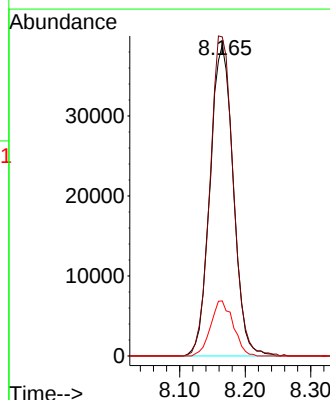
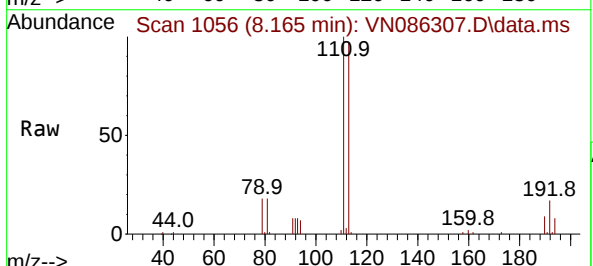
Tgt Ion:113 Resp: 95714

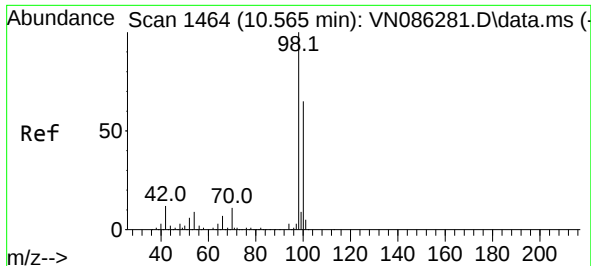
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.0

192 17.2 13.7 20.5

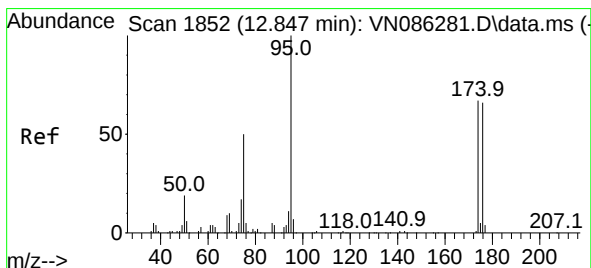
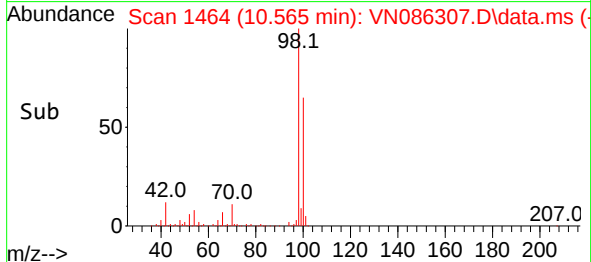
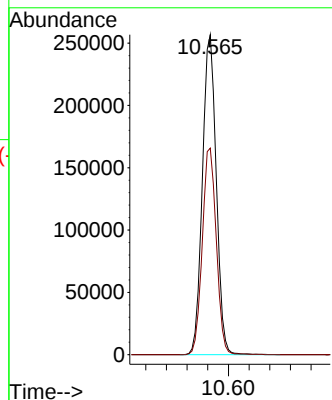
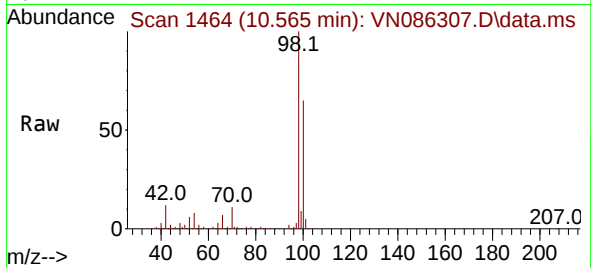




#50
Toluene-d8
Concen: 51.539 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086307.D
Acq: 16 Apr 2025 19:16

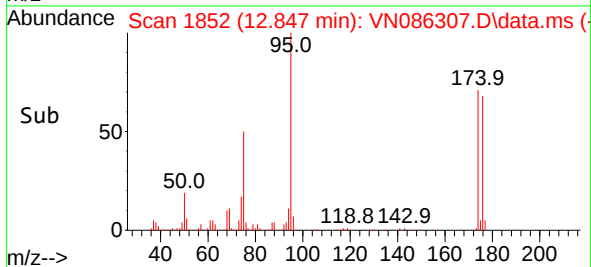
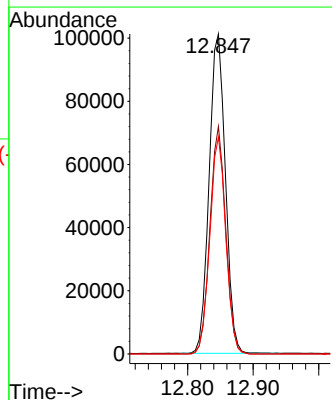
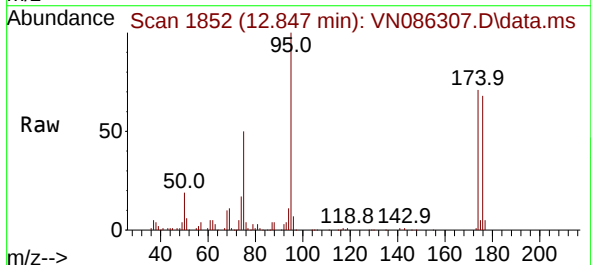
Instrument :
MSVOA_N
ClientSampleId :
280722

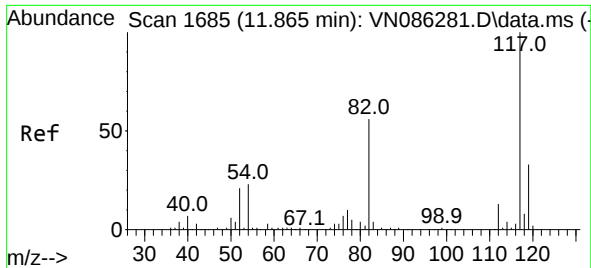
Tgt Ion: 98 Resp: 477509
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.598 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086307.D
Acq: 16 Apr 2025 19:16

Tgt Ion: 95 Resp: 174365
Ion Ratio Lower Upper
95 100
174 69.2 0.0 133.4
176 66.3 0.0 129.2

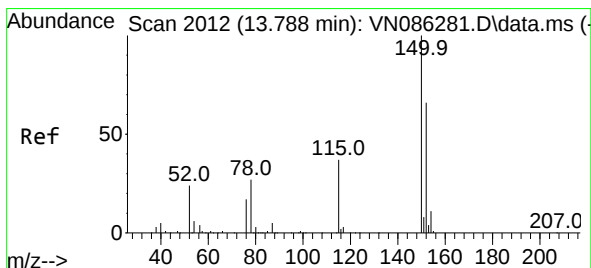
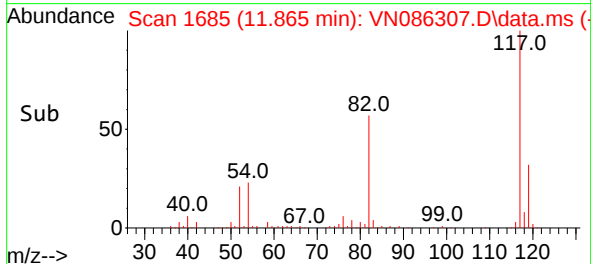
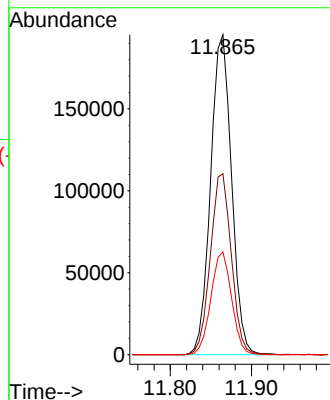
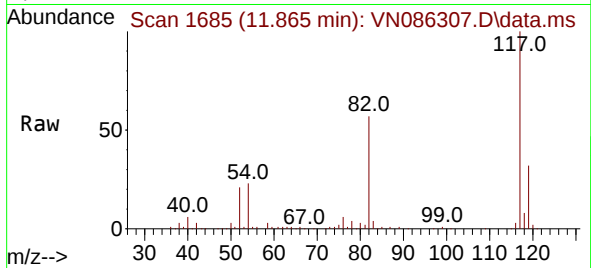




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086307.D
Acq: 16 Apr 2025 19:16

Instrument :
MSVOA_N
ClientSampleId :
280722

Tgt Ion:117 Resp: 349748
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 32.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086307.D
Acq: 16 Apr 2025 19:16

Tgt Ion:152 Resp: 156915
Ion Ratio Lower Upper
152 100
115 62.4 31.9 95.9
150 157.2 0.0 352.0

