

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086306.D
 Acq On : 16 Apr 2025 18:51
 Operator : JC\MD
 Sample : Q1791-09 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VB16193

Quant Time: Apr 17 03:09:04 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	8.218	168	188109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	358596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133007	48.761	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.520%
35) Dibromofluoromethane	8.165	113	93294	56.056	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.120%
50) Toluene-d8	10.565	98	444683	49.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.847	95	162821	50.187	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.380%

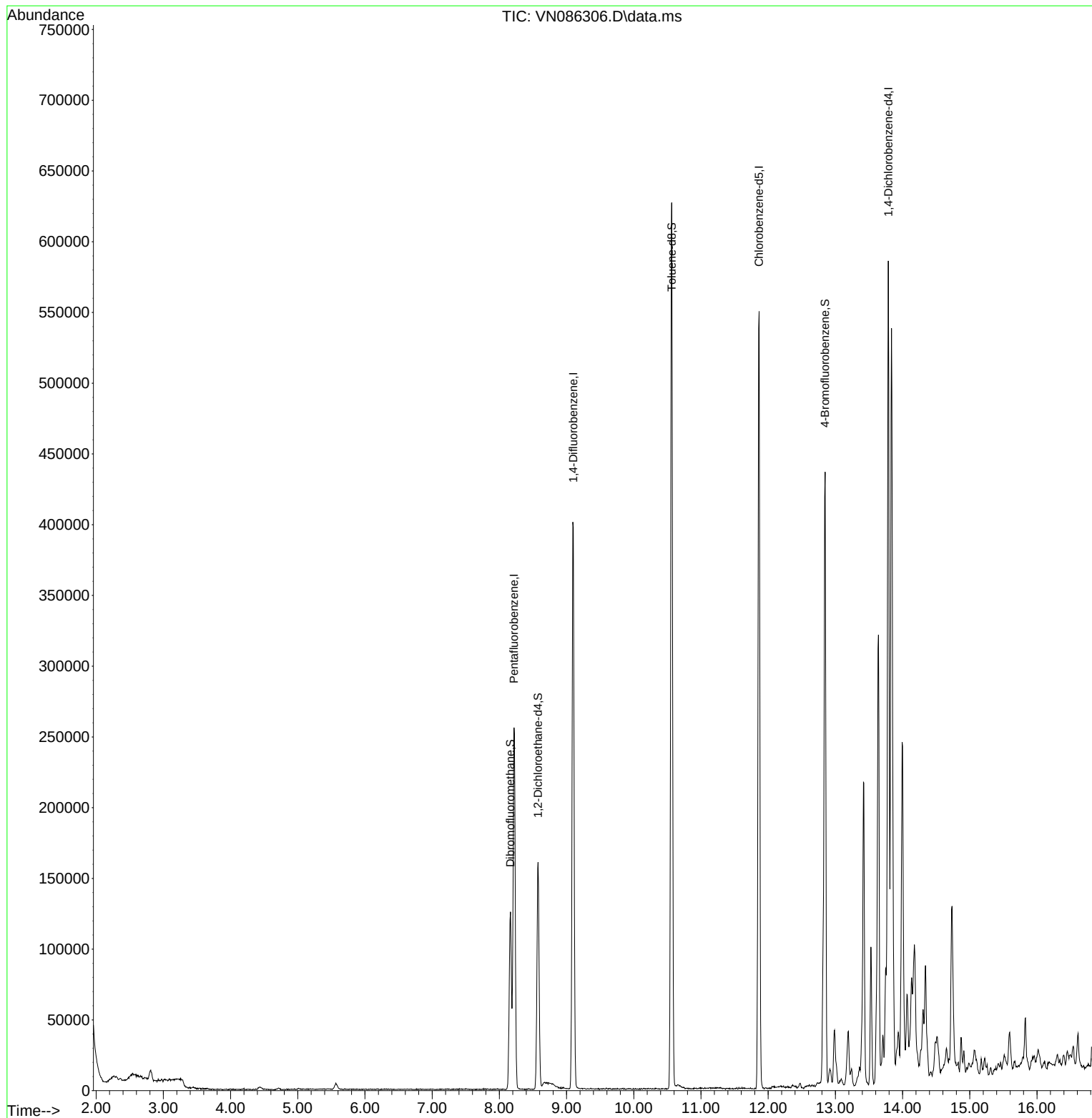
Target Compounds	Qvalue

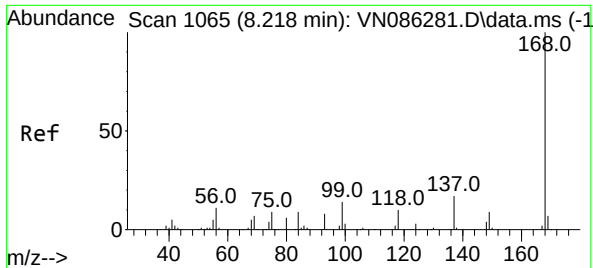
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086306.D
Acq On : 16 Apr 2025 18:51
Operator : JC\MD
Sample : Q1791-09 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VB16193

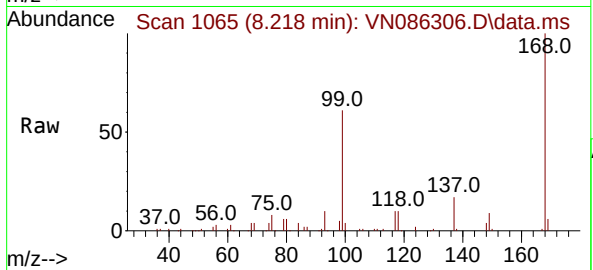
Quant Time: Apr 17 03:09:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



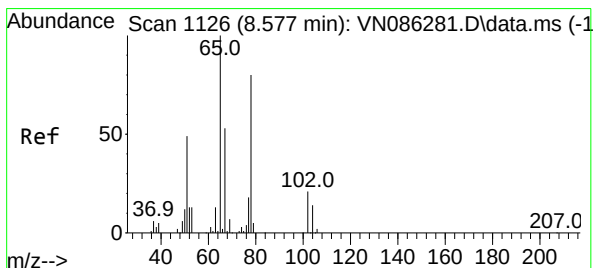
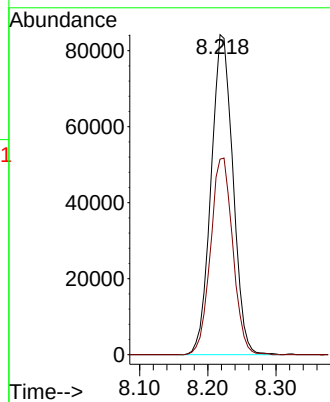
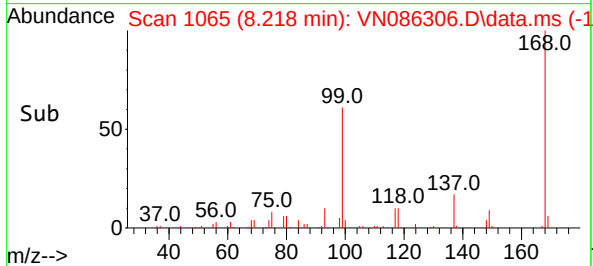


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086306.D
Acq: 16 Apr 2025 18:51

Instrument :
MSVOA_N
ClientSampleId :
VB16193

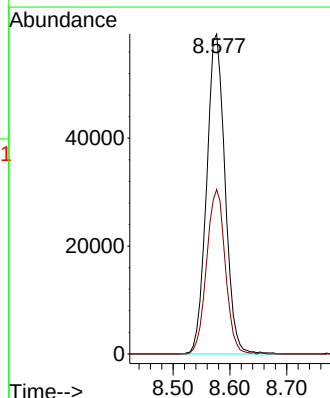
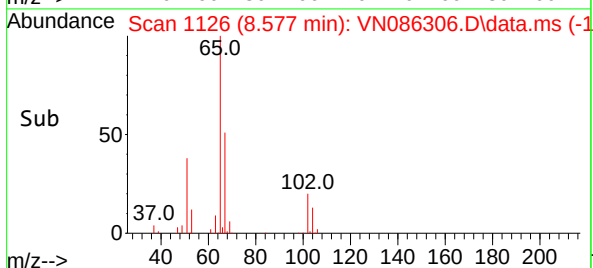
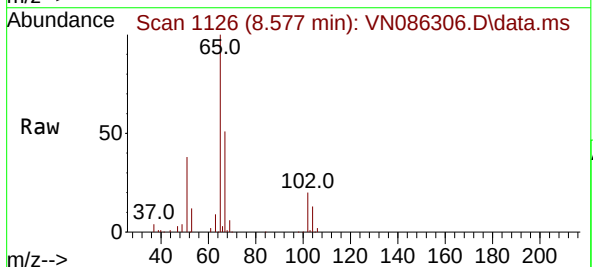


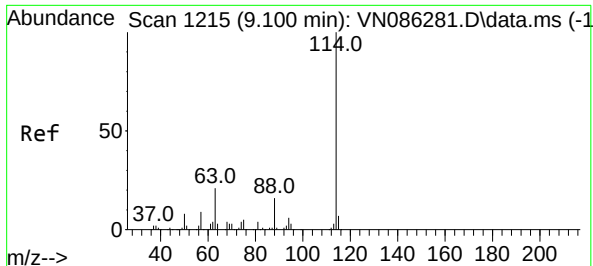
Tgt Ion:168 Resp: 188109
Ion Ratio Lower Upper
168 100
99 61.1 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.761 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086306.D
Acq: 16 Apr 2025 18:51

Tgt Ion: 65 Resp: 133007
Ion Ratio Lower Upper
65 100
67 52.2 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: VN086306.D

Acq: 16 Apr 2025 18:51

Instrument :

MSVOA_N

ClientSampleId :

VB16193

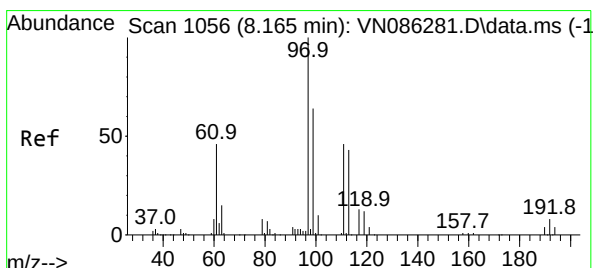
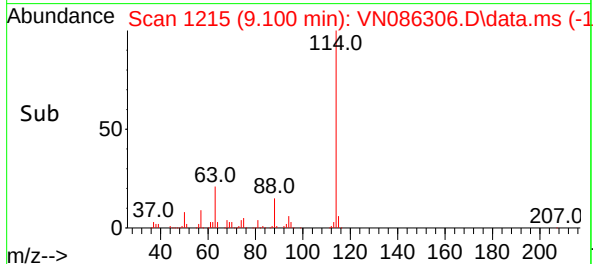
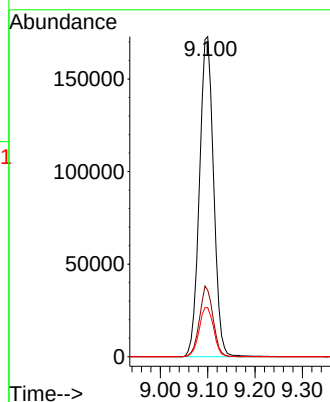
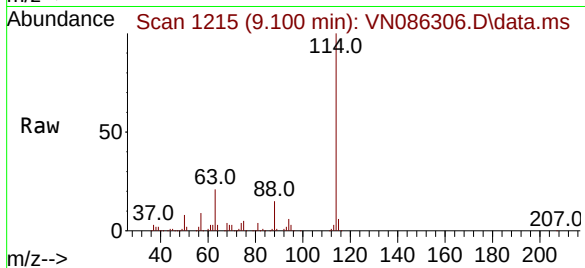
Tgt Ion:114 Resp: 358596

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.056 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086306.D

Acq: 16 Apr 2025 18:51

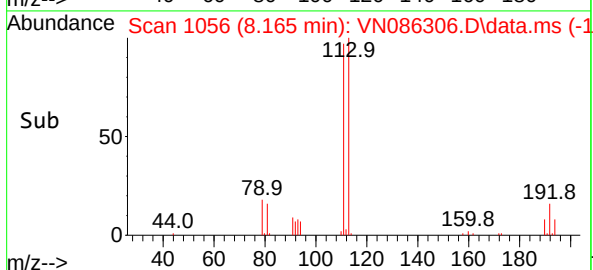
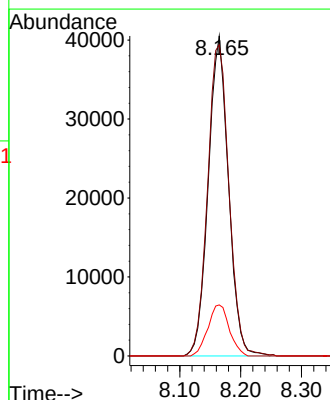
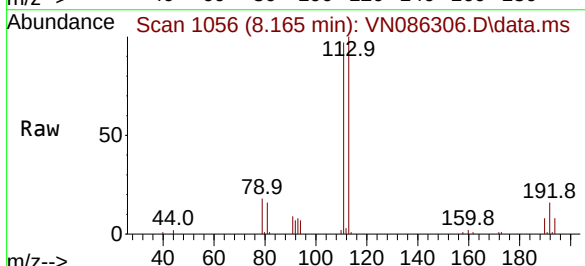
Tgt Ion:113 Resp: 93294

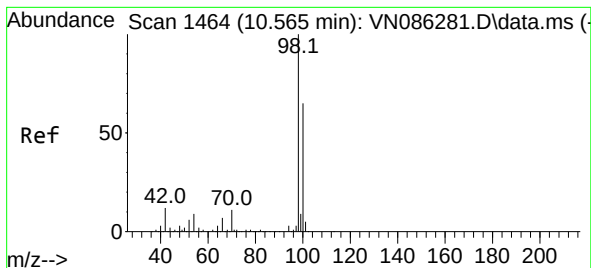
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.0

192 16.9 13.7 20.5

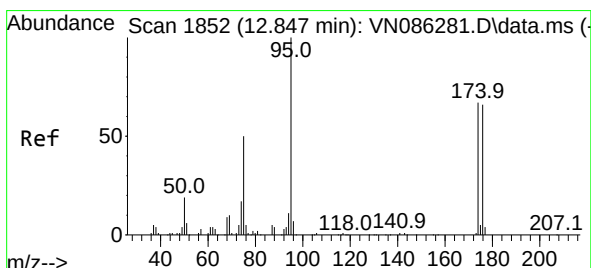
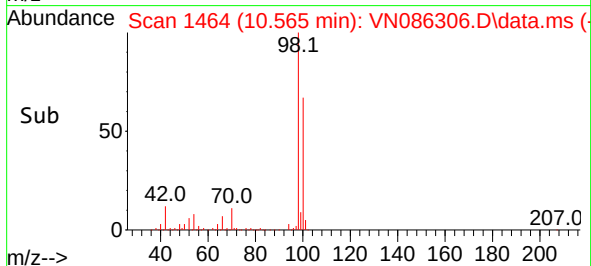
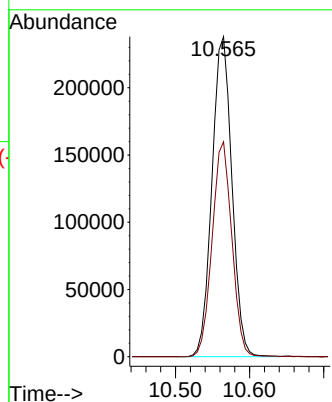
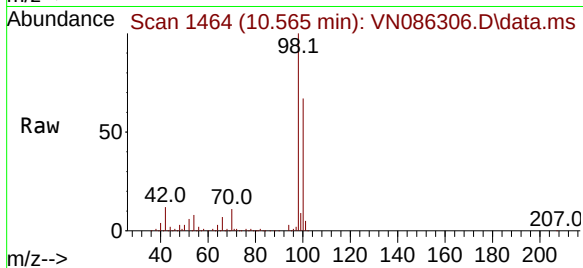




#50
Toluene-d8
Concen: 49.994 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086306.D
Acq: 16 Apr 2025 18:51

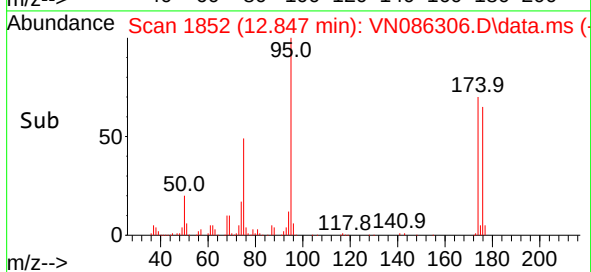
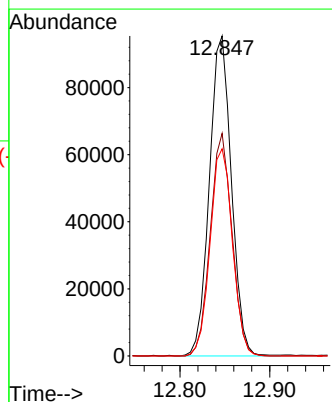
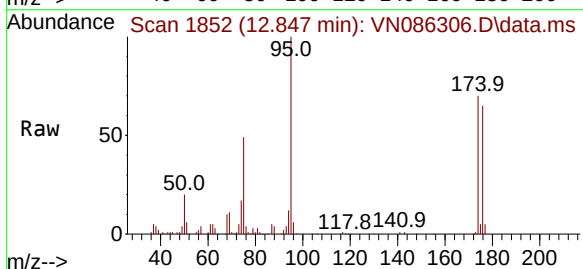
Instrument :
MSVOA_N
ClientSampleId :
VB16193

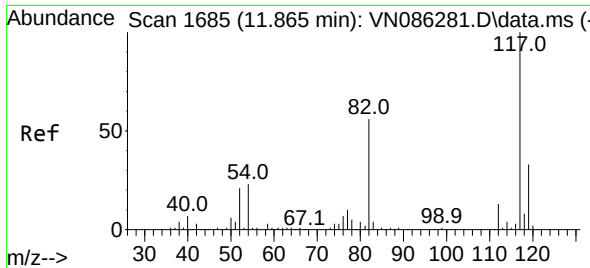
Tgt Ion: 98 Resp: 444683
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.187 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086306.D
Acq: 16 Apr 2025 18:51

Tgt Ion: 95 Resp: 162821
Ion Ratio Lower Upper
95 100
174 68.4 0.0 133.4
176 65.5 0.0 129.2

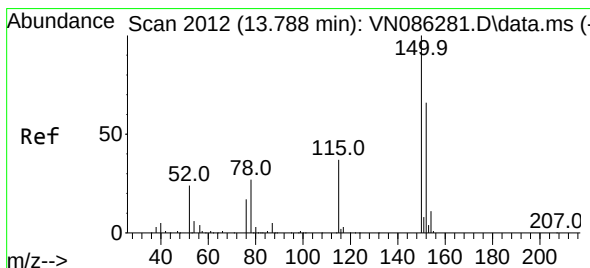
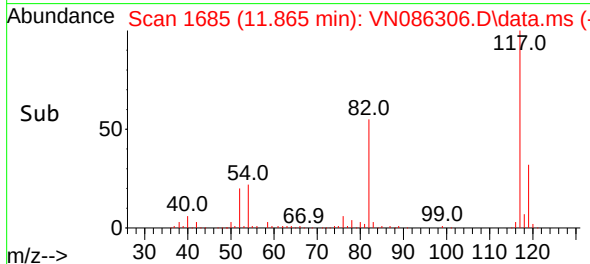
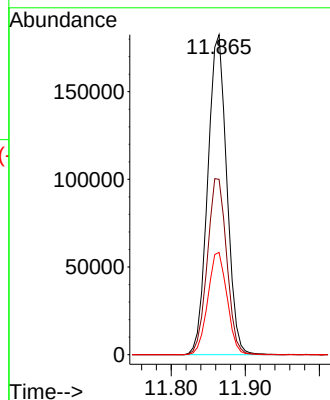
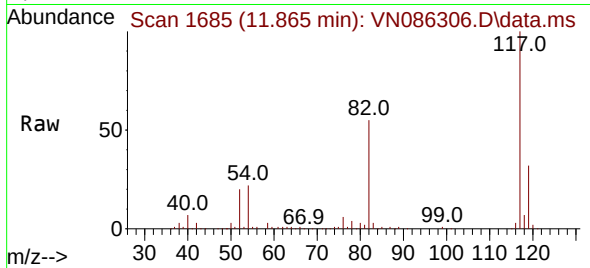




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086306.D
Acq: 16 Apr 2025 18:51

Instrument :
MSVOA_N
ClientSampleId :
VB16193

Tgt Ion:117 Resp: 325055
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 32.0 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: VN086306.D
Acq: 16 Apr 2025 18:51

Tgt Ion:152 Resp: 144011
Ion Ratio Lower Upper
152 100
115 62.2 31.9 95.9
150 157.3 0.0 352.0

