

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086308.D
 Acq On : 16 Apr 2025 19:40
 Operator : JC\MD
 Sample : Q1791-11 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 280791

Quant Time: Apr 17 03:09:27 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)

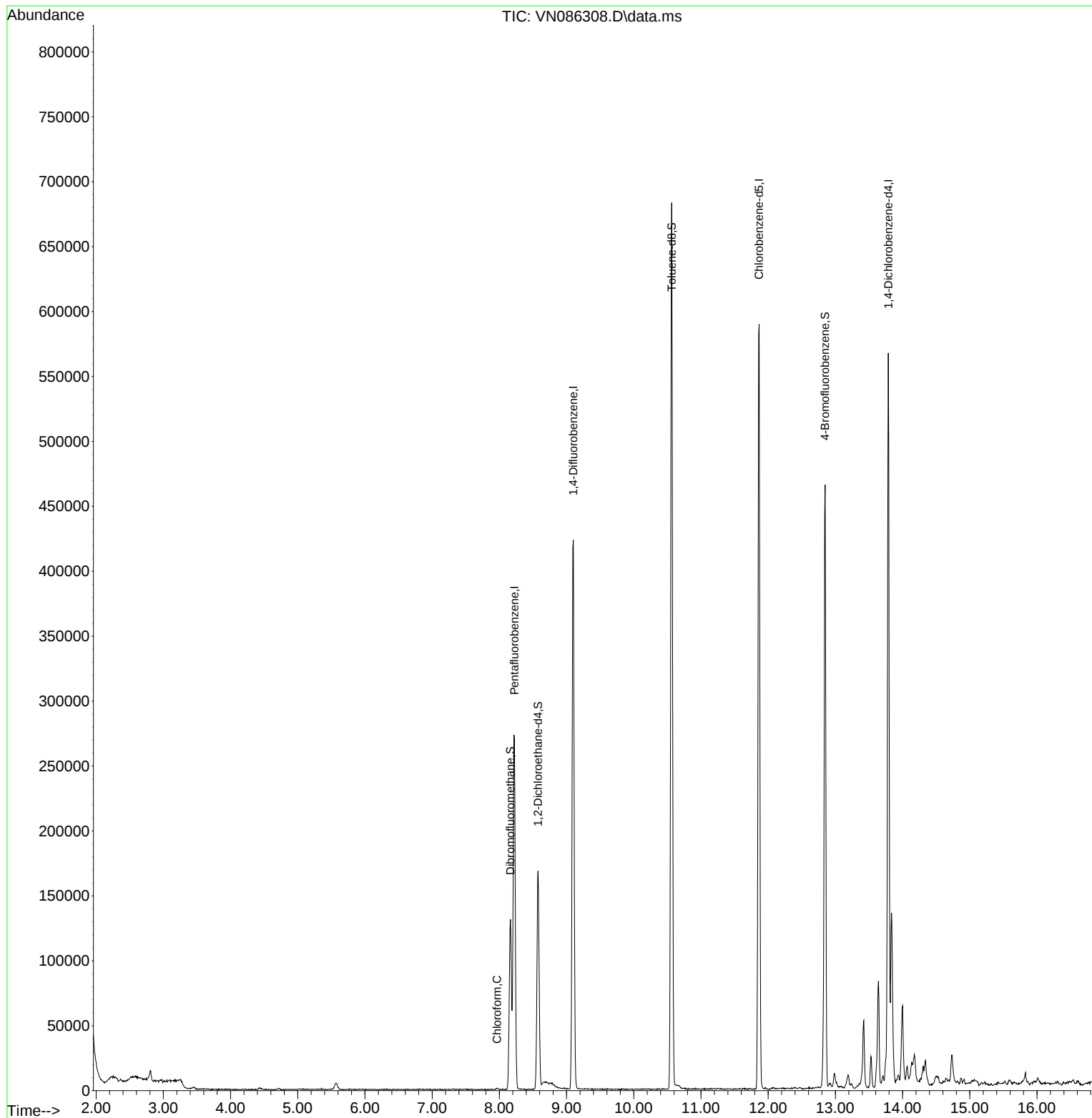
Internal Standards						
1) Pentafluorobenzene	8.224	168	202722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	380080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	349559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139718	47.529	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.060%
35) Dibromofluoromethane	8.165	113	96856	54.907	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.820%
50) Toluene-d8	10.565	98	478121	50.715	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.847	95	170189	49.493	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.980%
Target Compounds						
					Qvalue	
30) Chloroform	7.965	83	1243	0.260	ug/l	85

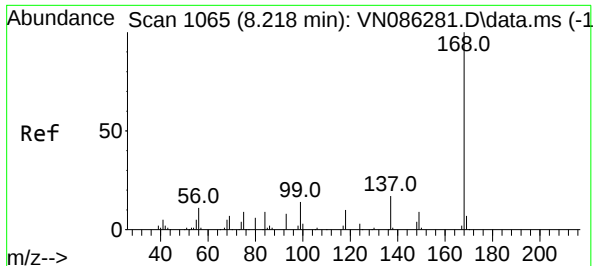
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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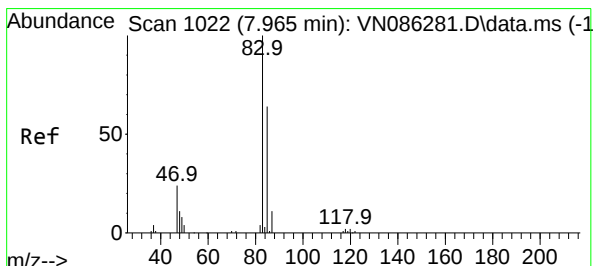
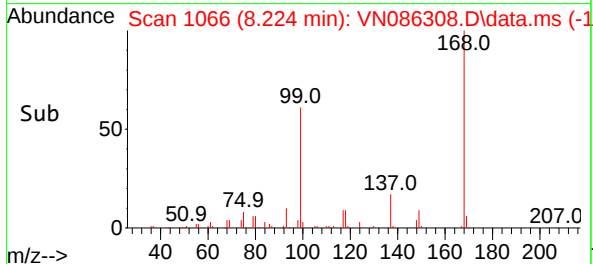
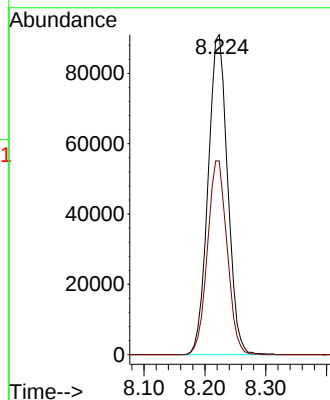
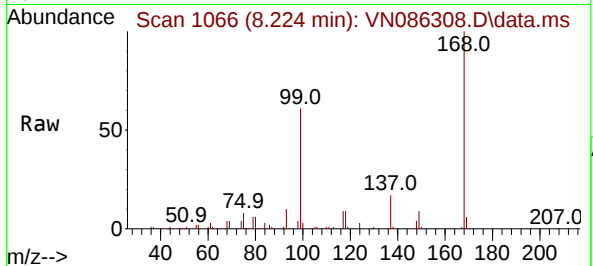




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086308.D
Acq: 16 Apr 2025 19:40

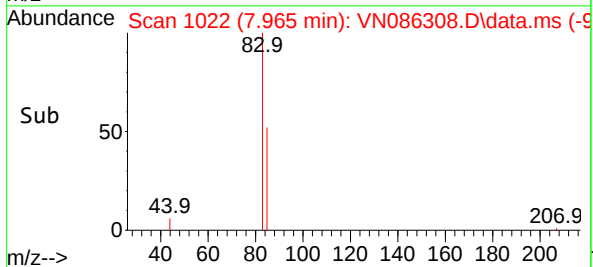
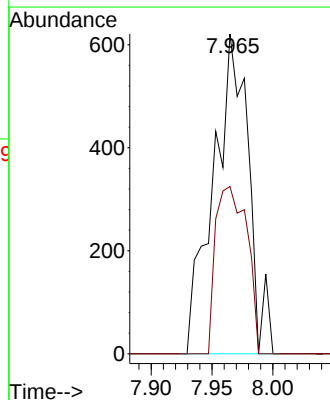
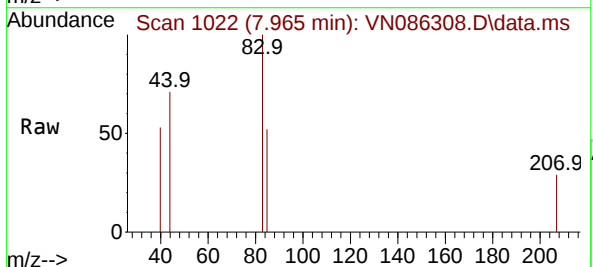
Instrument :
MSVOA_N
ClientSampleId :
280791

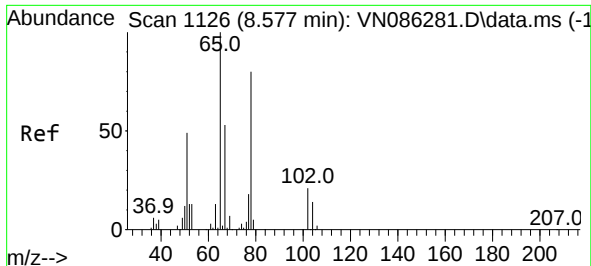
Tgt Ion:168 Resp: 202722
Ion Ratio Lower Upper
168 100
99 60.6 52.5 78.7



#30
Chloroform
Concen: 0.260 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086308.D
Acq: 16 Apr 2025 19:40

Tgt Ion: 83 Resp: 1243
Ion Ratio Lower Upper
83 100
85 52.3 51.5 77.3

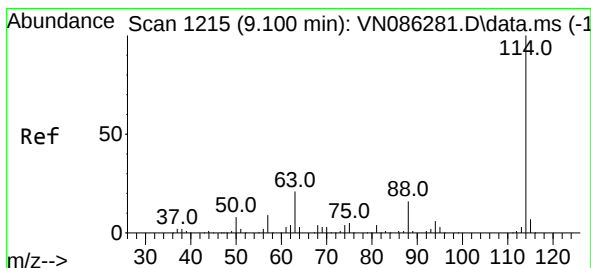
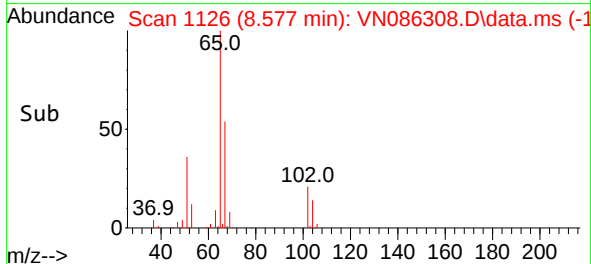
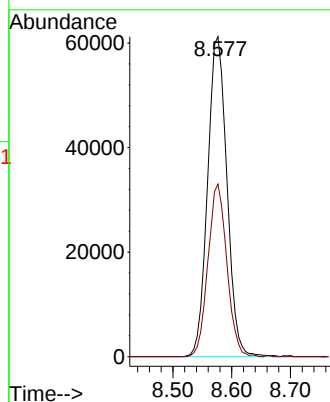
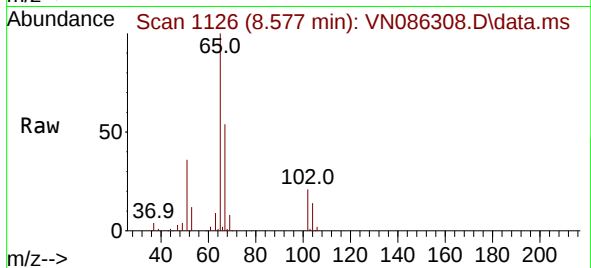




#33
 1,2-Dichloroethane-d4
 Concen: 47.529 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086308.D
 Acq: 16 Apr 2025 19:40

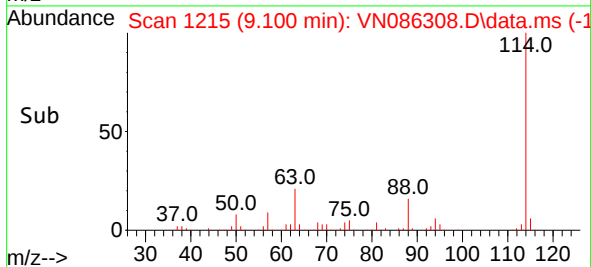
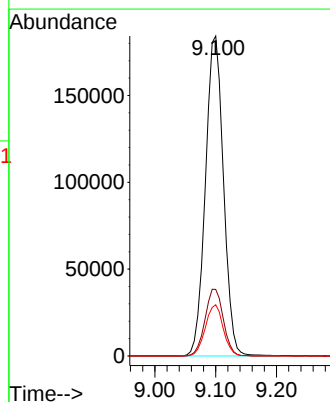
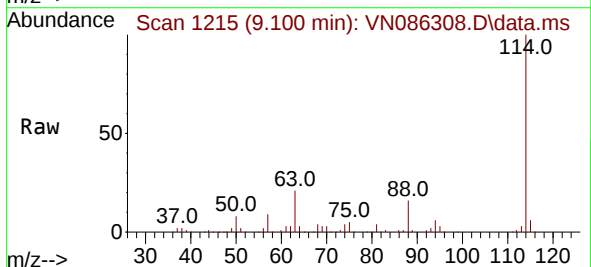
Instrument :
 MSVOA_N
 ClientSampleId :
 280791

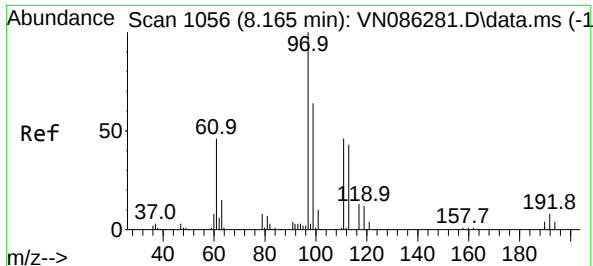
Tgt Ion: 65 Resp: 139718
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086308.D
 Acq: 16 Apr 2025 19:40

Tgt Ion: 114 Resp: 380080
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.6
 88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.907 ug/l

RT: 8.165 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN086308.D

Acq: 16 Apr 2025 19:40

Instrument :

MSVOA_N

ClientSampleId :

280791

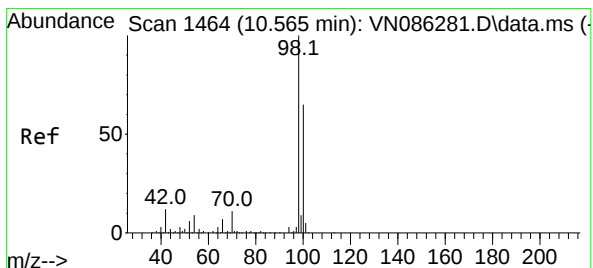
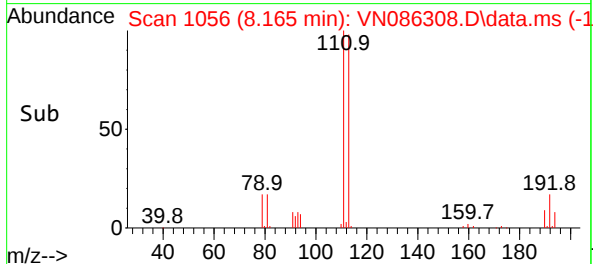
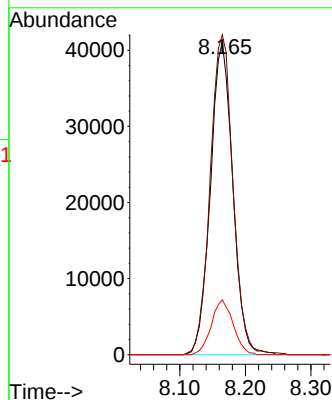
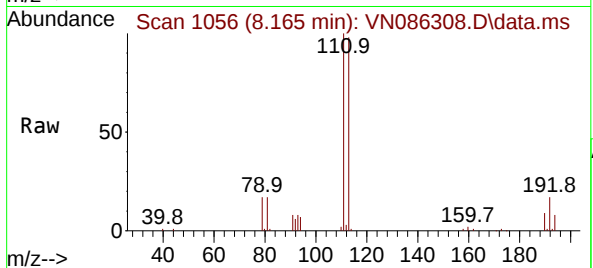
Tgt Ion:113 Resp: 96856

Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.0

192 17.1 13.7 20.5



#50

Toluene-d8

Concen: 50.715 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086308.D

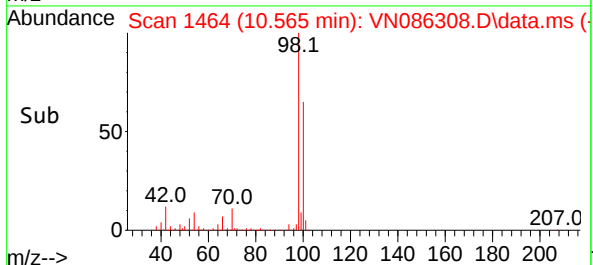
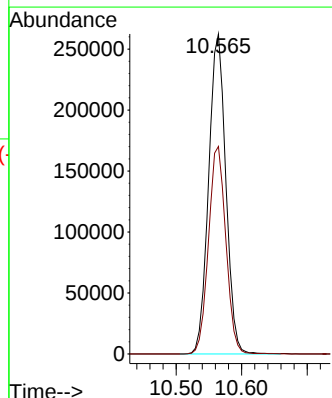
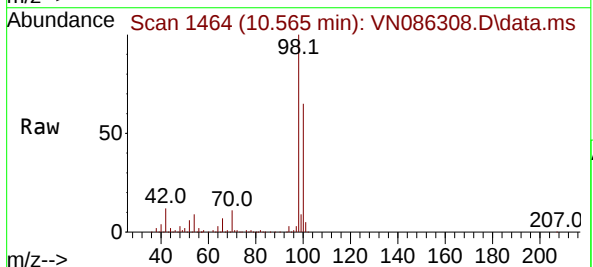
Acq: 16 Apr 2025 19:40

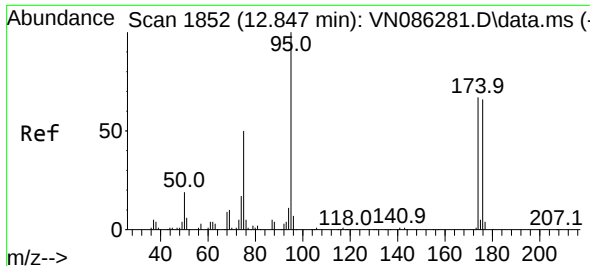
Tgt Ion: 98 Resp: 478121

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7

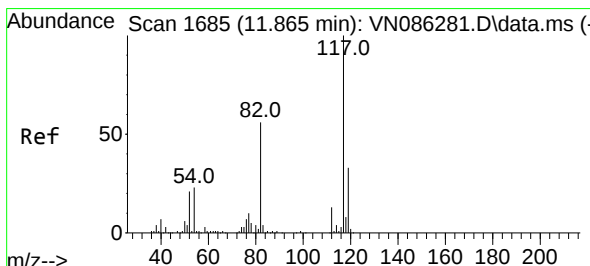
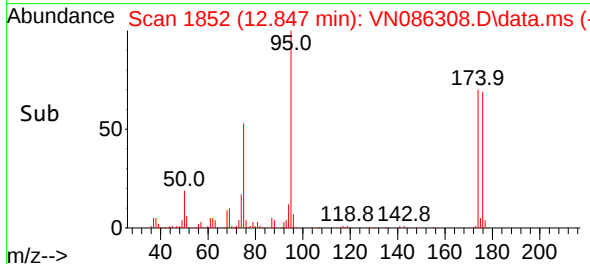
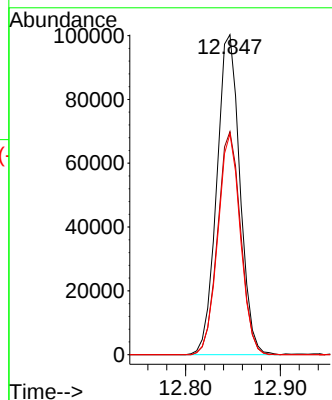
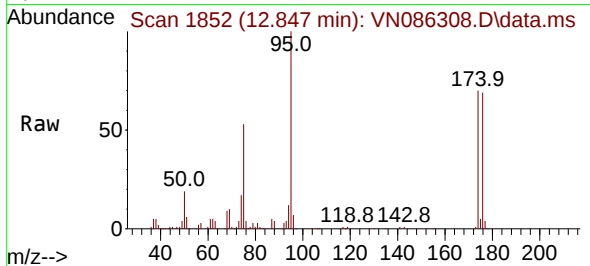




#62
4-Bromofluorobenzene
Concen: 49.493 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086308.D
Acq: 16 Apr 2025 19:40

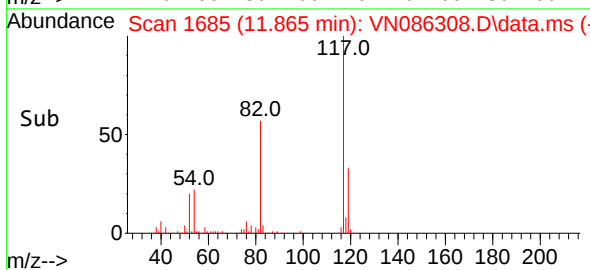
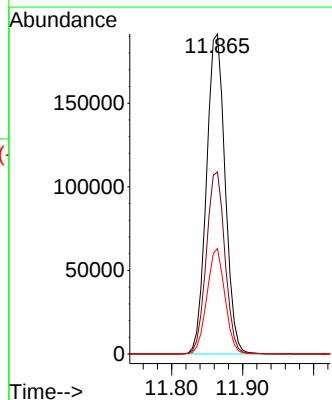
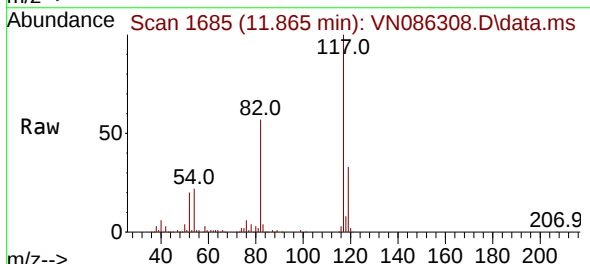
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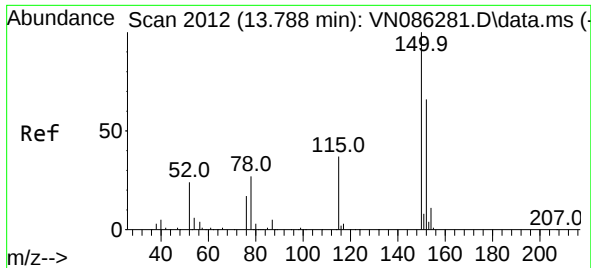
Tgt Ion: 95 Resp: 170189
Ion Ratio Lower Upper
95 100
174 69.4 0.0 133.4
176 67.2 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086308.D
Acq: 16 Apr 2025 19:40

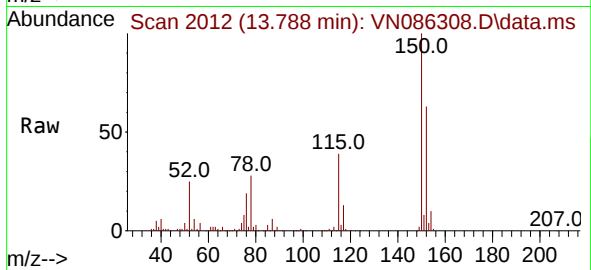
Tgt Ion: 117 Resp: 349559
Ion Ratio Lower Upper
117 100
82 56.9 44.7 67.1
119 33.0 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086308.D
Acq: 16 Apr 2025 19:40

Instrument :
MSVOA_N
ClientSampleId :
280791



Tgt Ion:152 Resp: 148106
Ion Ratio Lower Upper
152 100
115 62.4 31.9 95.9
150 158.5 0.0 352.0

