

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086297.D
 Acq On : 16 Apr 2025 15:14
 Operator : JC\MD
 Sample : Q1793-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Apr 17 03:07:30 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	195076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	372552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150714	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140578	49.696	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.400%
35) Dibromofluoromethane	8.165	113	96264	55.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.340%
50) Toluene-d8	10.565	98	476146	51.526	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.847	95	172482	51.173	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.340%

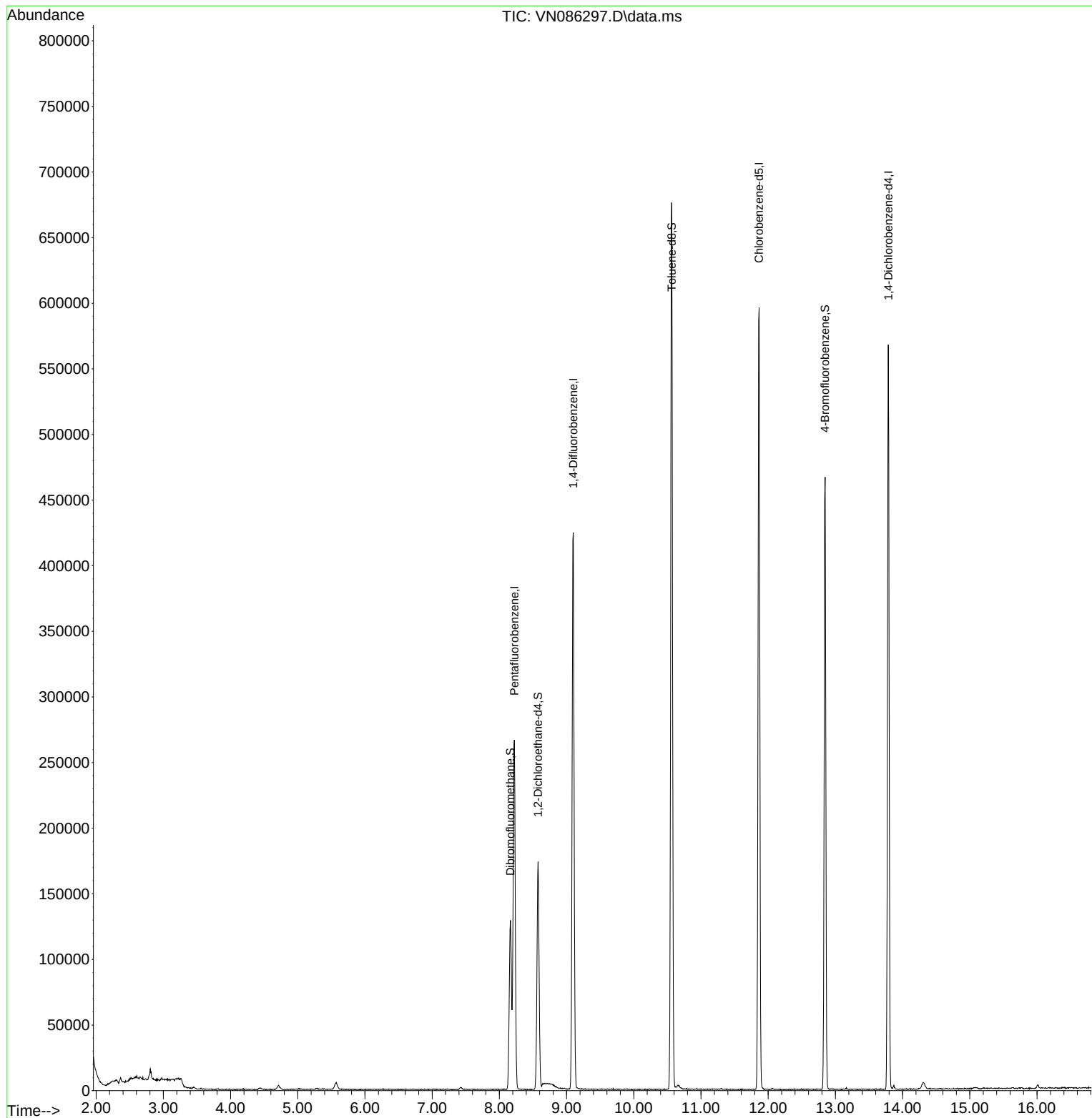
Target Compounds	Qvalue

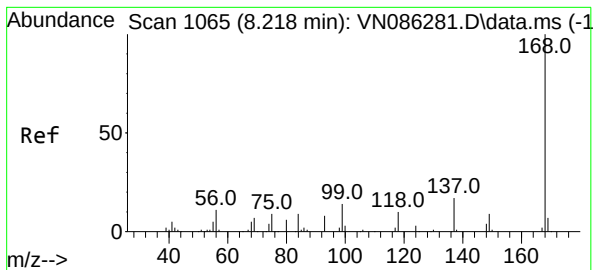
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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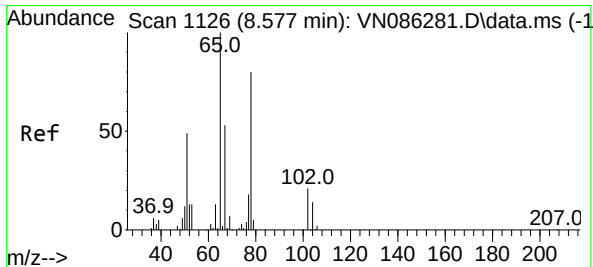
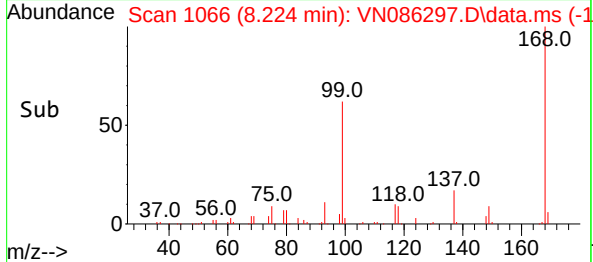
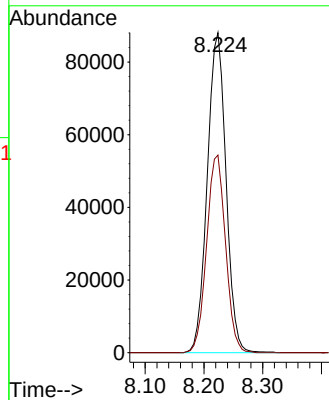
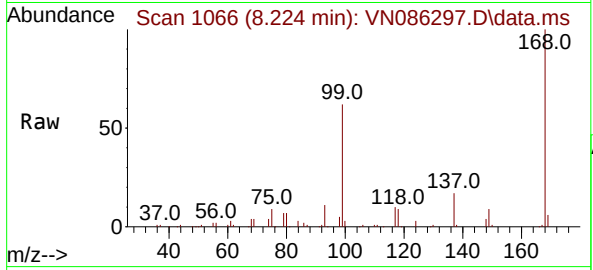




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

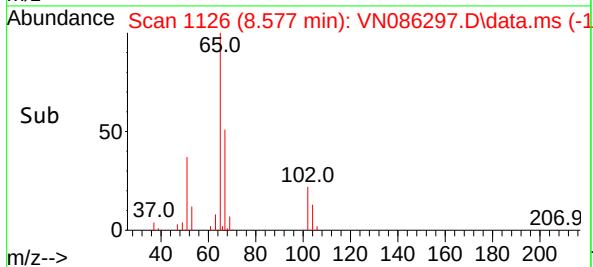
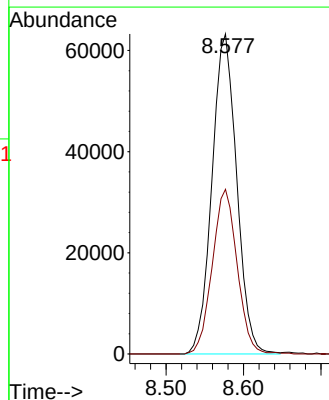
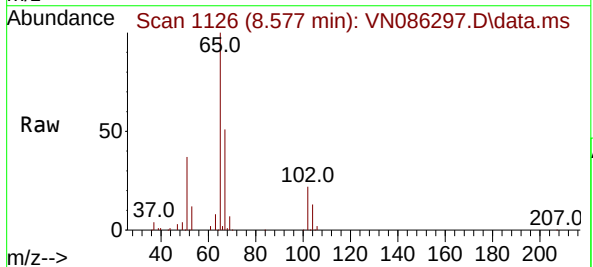
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

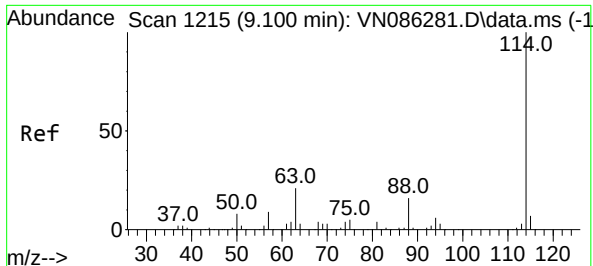
Tgt Ion:168 Resp: 195076
Ion Ratio Lower Upper
168 100
99 61.8 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.696 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion: 65 Resp: 140578
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086297.D

Acq: 16 Apr 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

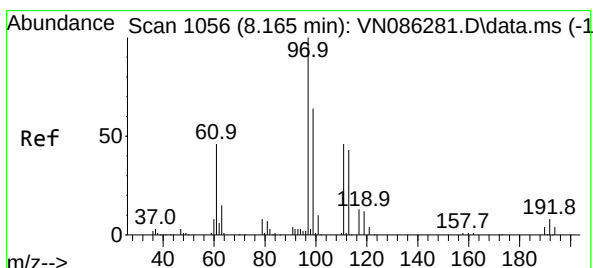
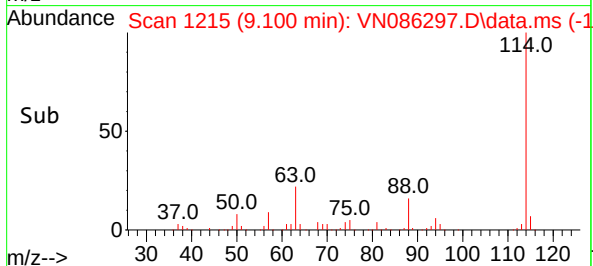
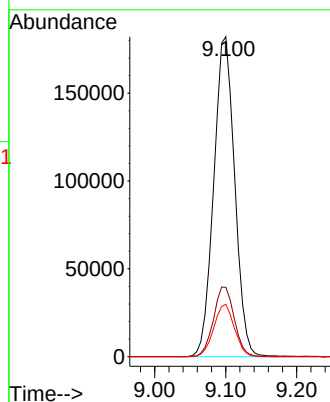
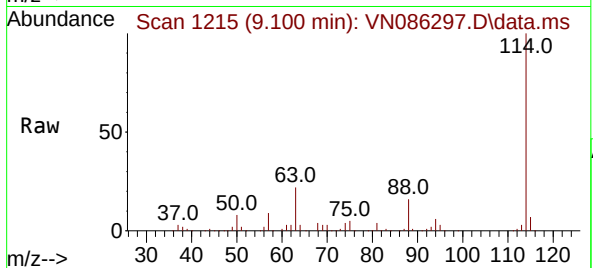
Tgt Ion:114 Resp: 372552

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 16.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.674 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086297.D

Acq: 16 Apr 2025 15:14

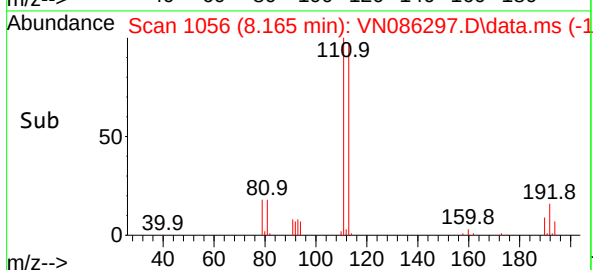
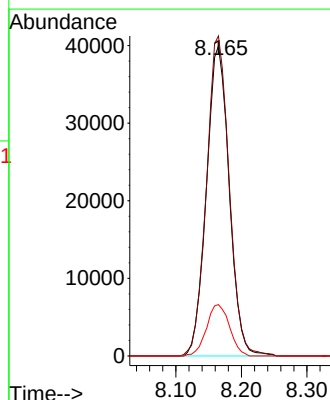
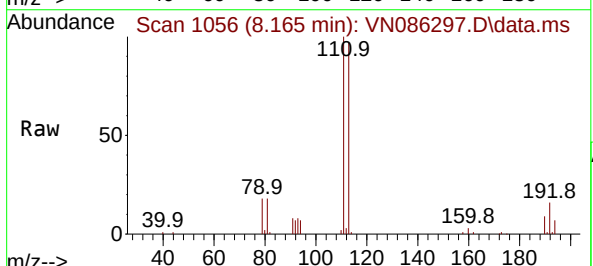
Tgt Ion:113 Resp: 96264

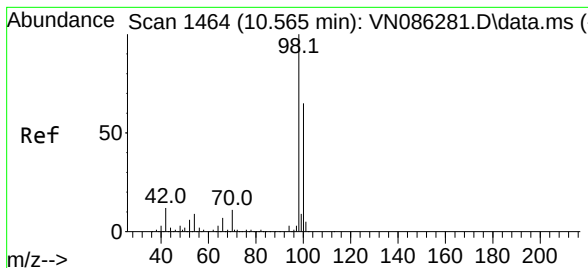
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.0

192 16.7 13.7 20.5





#50

Toluene-d8

Concen: 51.526 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086297.D

Acq: 16 Apr 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

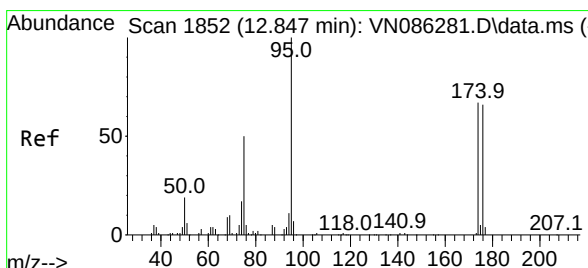
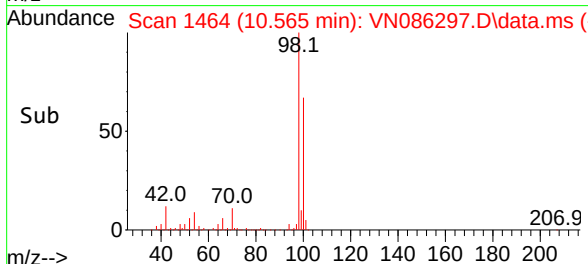
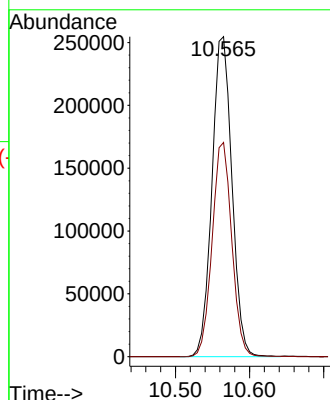
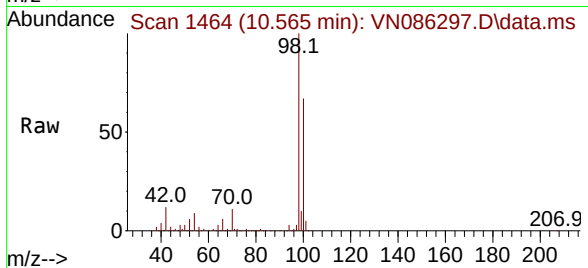
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 476146

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 51.173 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN086297.D

Acq: 16 Apr 2025 15:14

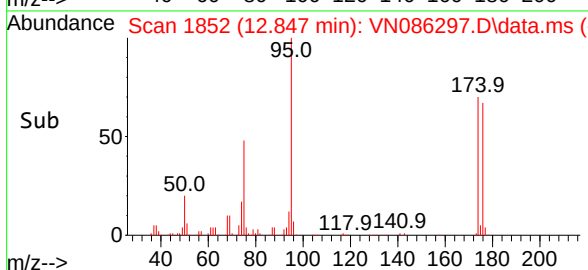
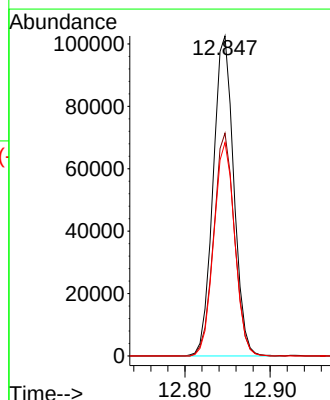
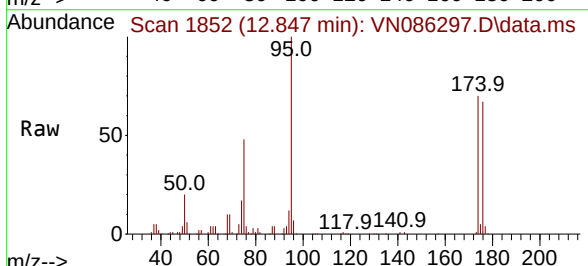
Tgt Ion: 95 Resp: 172482

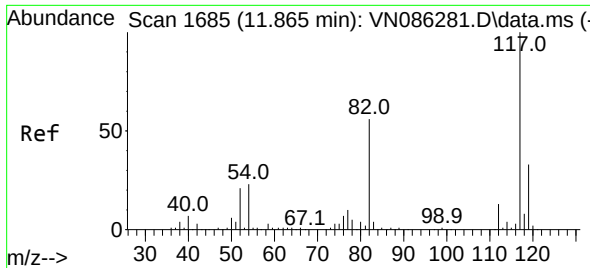
Ion Ratio Lower Upper

95 100

174 70.0 0.0 133.4

176 67.5 0.0 129.2

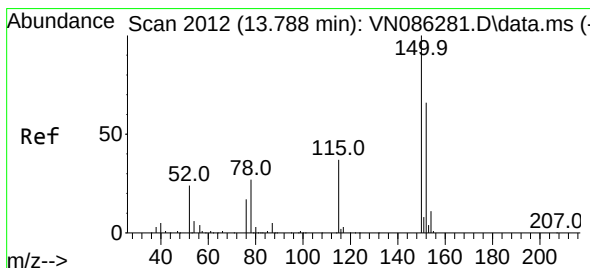
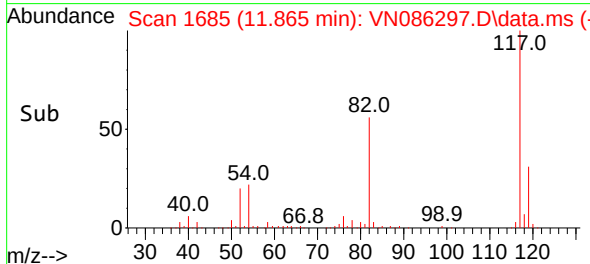
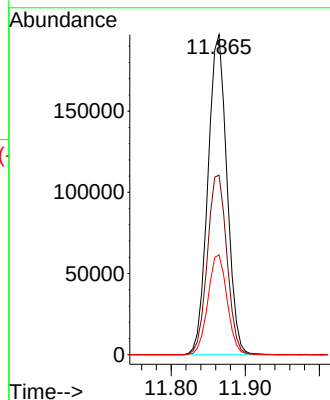
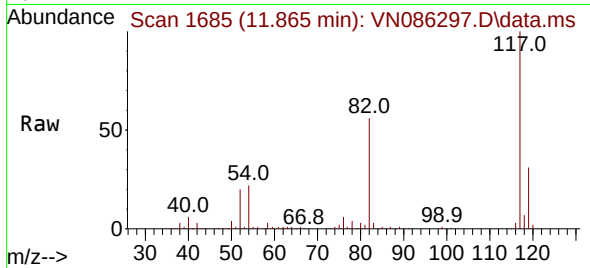




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:117 Resp: 352194
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 31.2 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: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion:152 Resp: 150714
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.9
150 158.5 0.0 352.0

