

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086486.D
 Acq On : 05 May 2025 15:12
 Operator : JC\MD
 Sample : Q1942-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 06 01:45:11 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	146129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	105575	49.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.640%
35) Dibromofluoromethane	8.165	113	77587	60.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	121.320%
50) Toluene-d8	10.565	98	349276	51.097	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.847	95	119098	47.769	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.540%

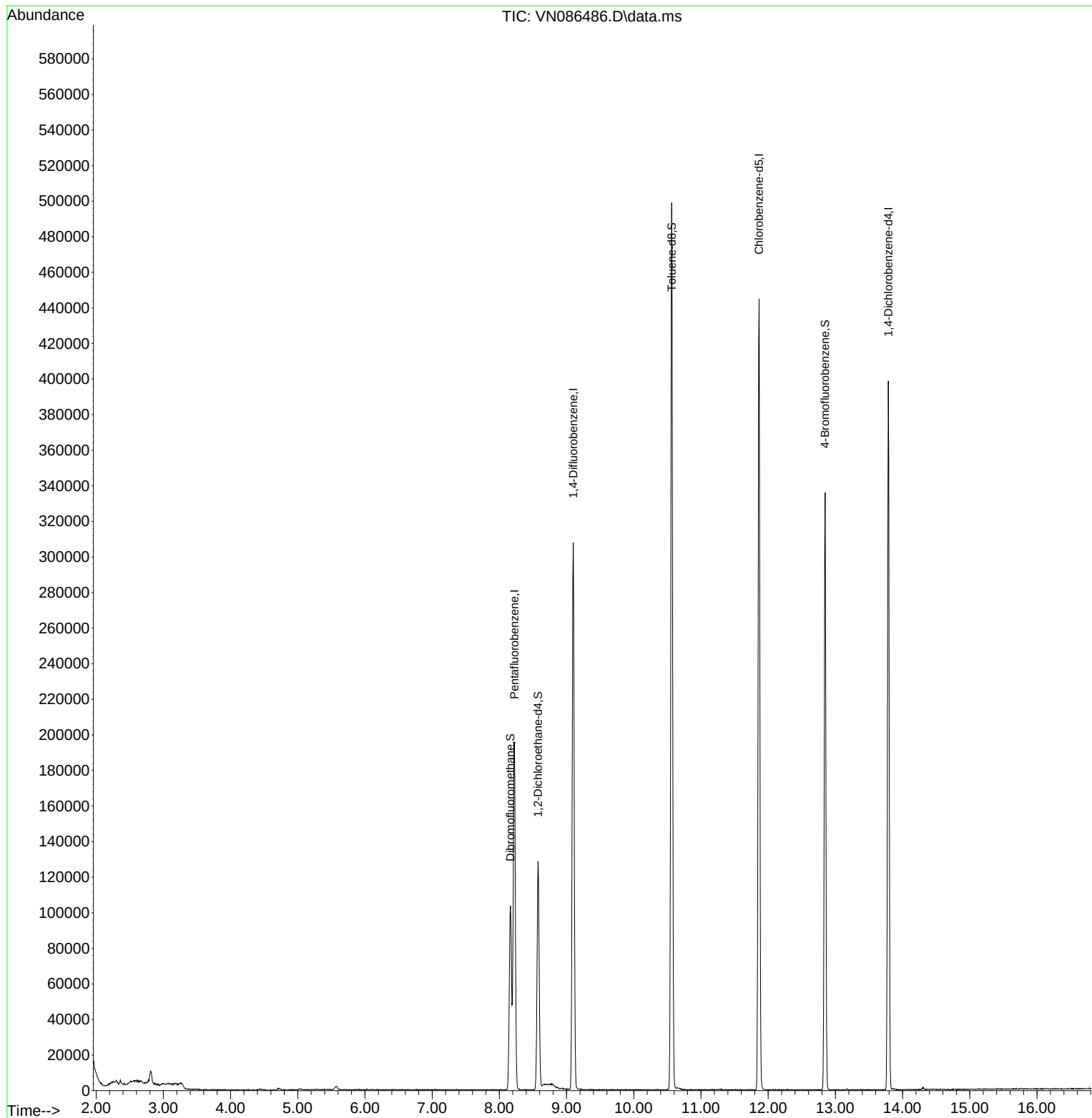
Target Compounds	Qvalue

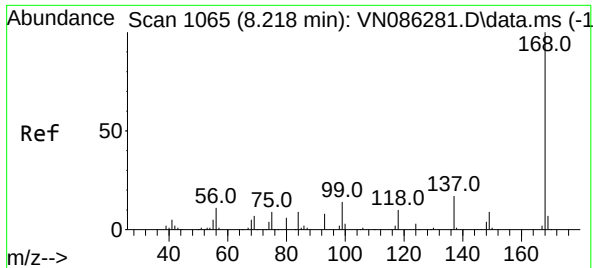
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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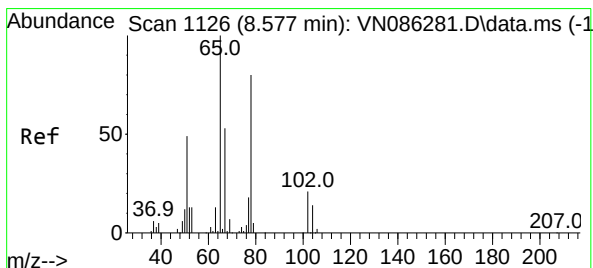
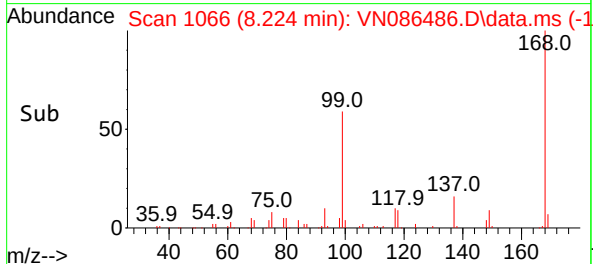
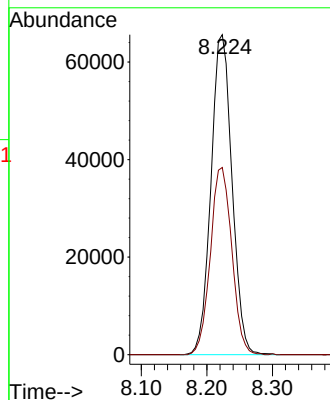
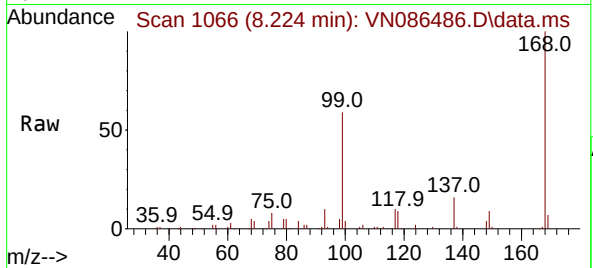




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

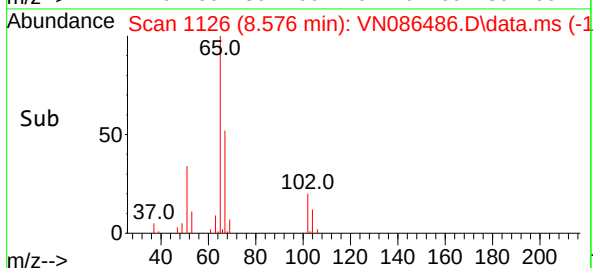
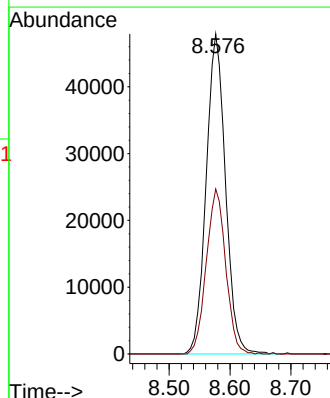
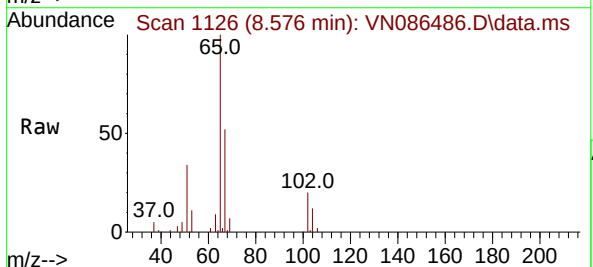
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

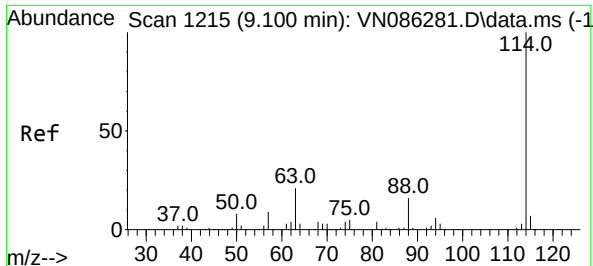
Tgt Ion:168 Resp: 146129
Ion Ratio Lower Upper
168 100
99 58.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.823 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

Tgt Ion: 65 Resp: 105575
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# 11

Delta R.T. -0.000 min

Lab File: VN086486.D

Acq: 05 May 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

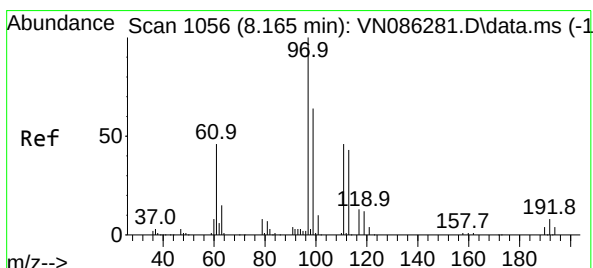
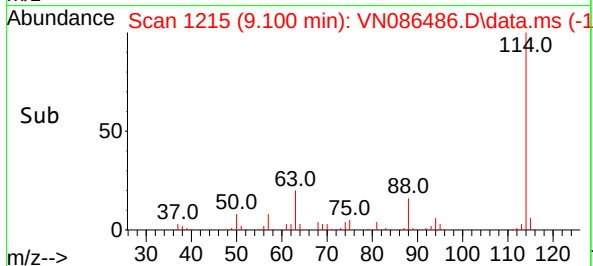
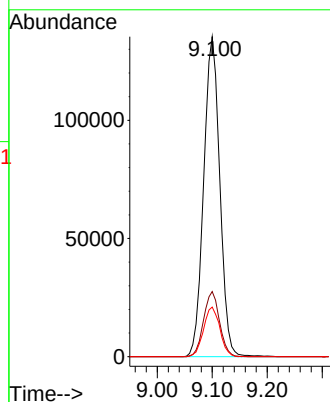
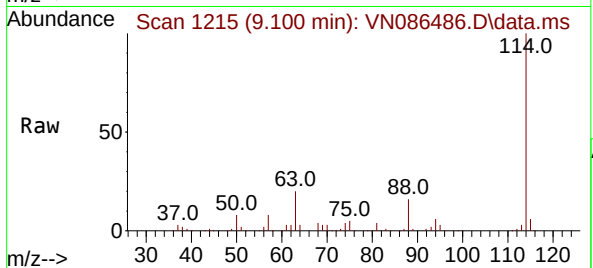
Tgt Ion:114 Resp: 275576

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.663 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086486.D

Acq: 05 May 2025 15:12

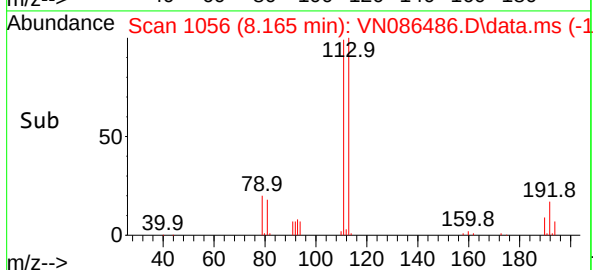
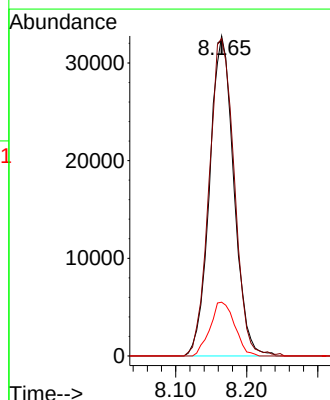
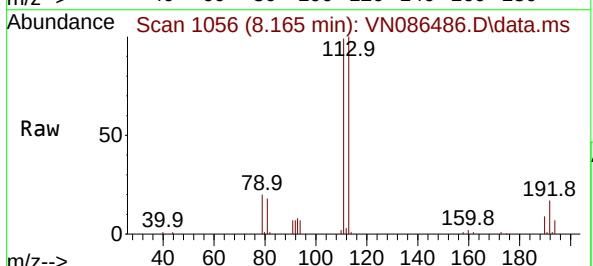
Tgt Ion:113 Resp: 77587

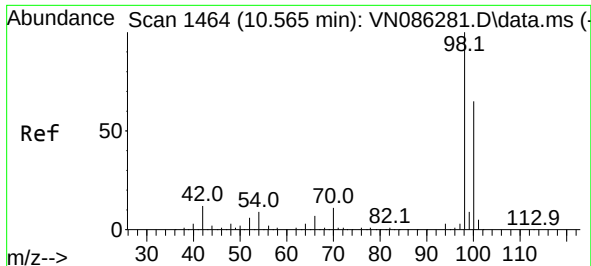
Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.0

192 17.1 13.7 20.5

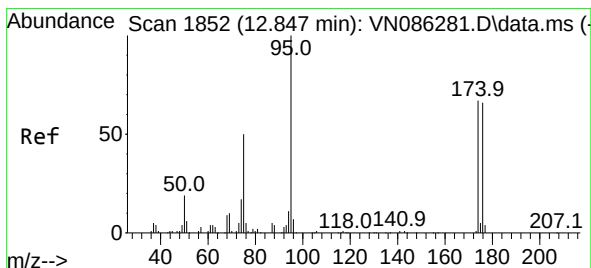
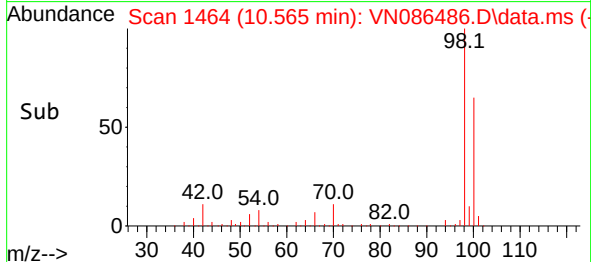
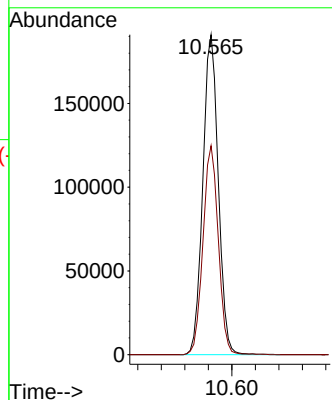
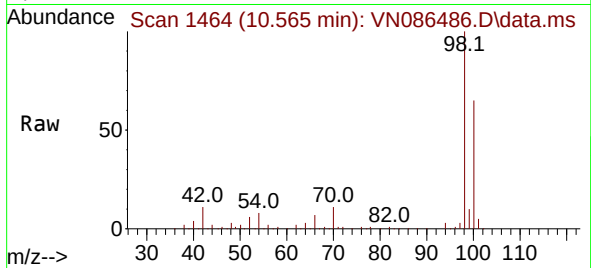




#50
Toluene-d8
Concen: 51.097 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

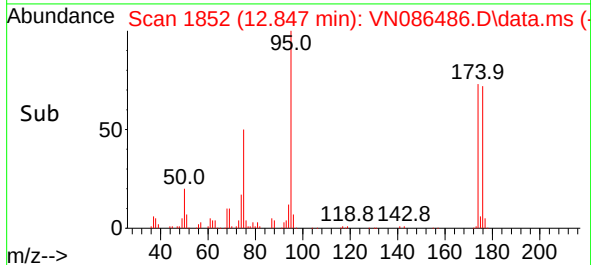
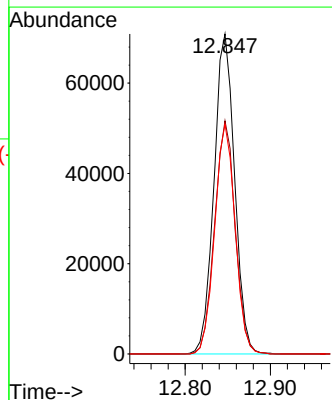
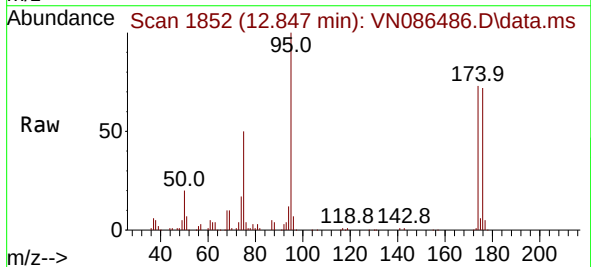
Instrument :
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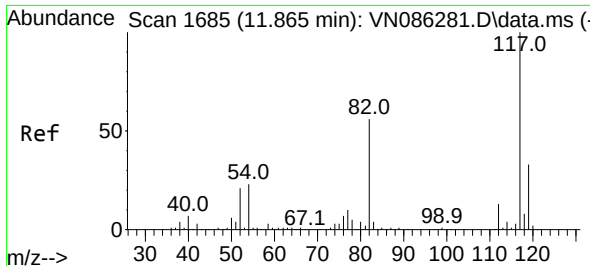
Tgt Ion: 98 Resp: 349276
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.769 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

Tgt Ion: 95 Resp: 119098
Ion Ratio Lower Upper
95 100
174 72.6 0.0 133.4
176 71.2 0.0 129.2

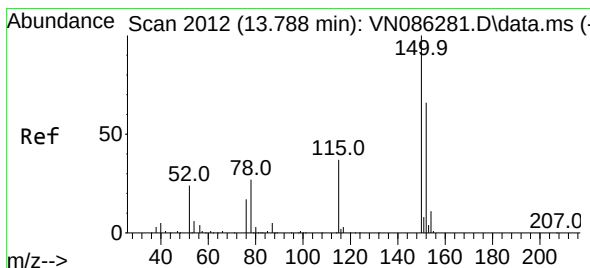
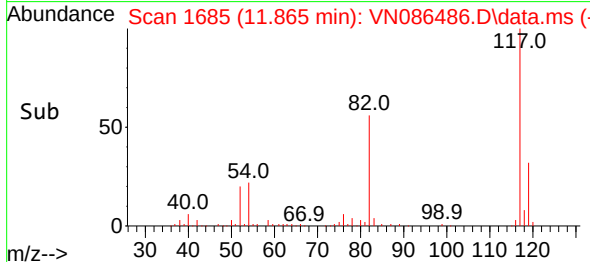
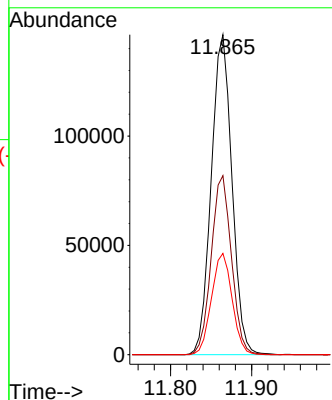
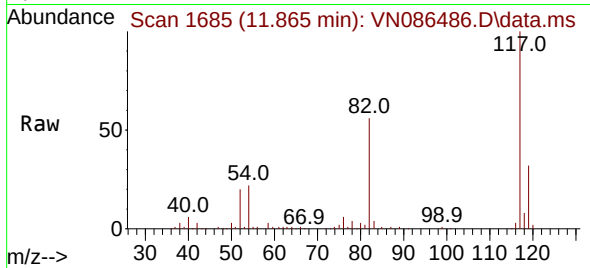




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 259237
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 31.7 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: VN086486.D
Acq: 05 May 2025 15:12

Tgt Ion:152 Resp: 106427
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.9
150 158.9 0.0 352.0

