

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
 Data File : VN087265.D
 Acq On : 03 Jul 2025 13:00
 Operator : JC\MD
 Sample : PB168727TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168727TB

Quant Time: Jul 04 01:30:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

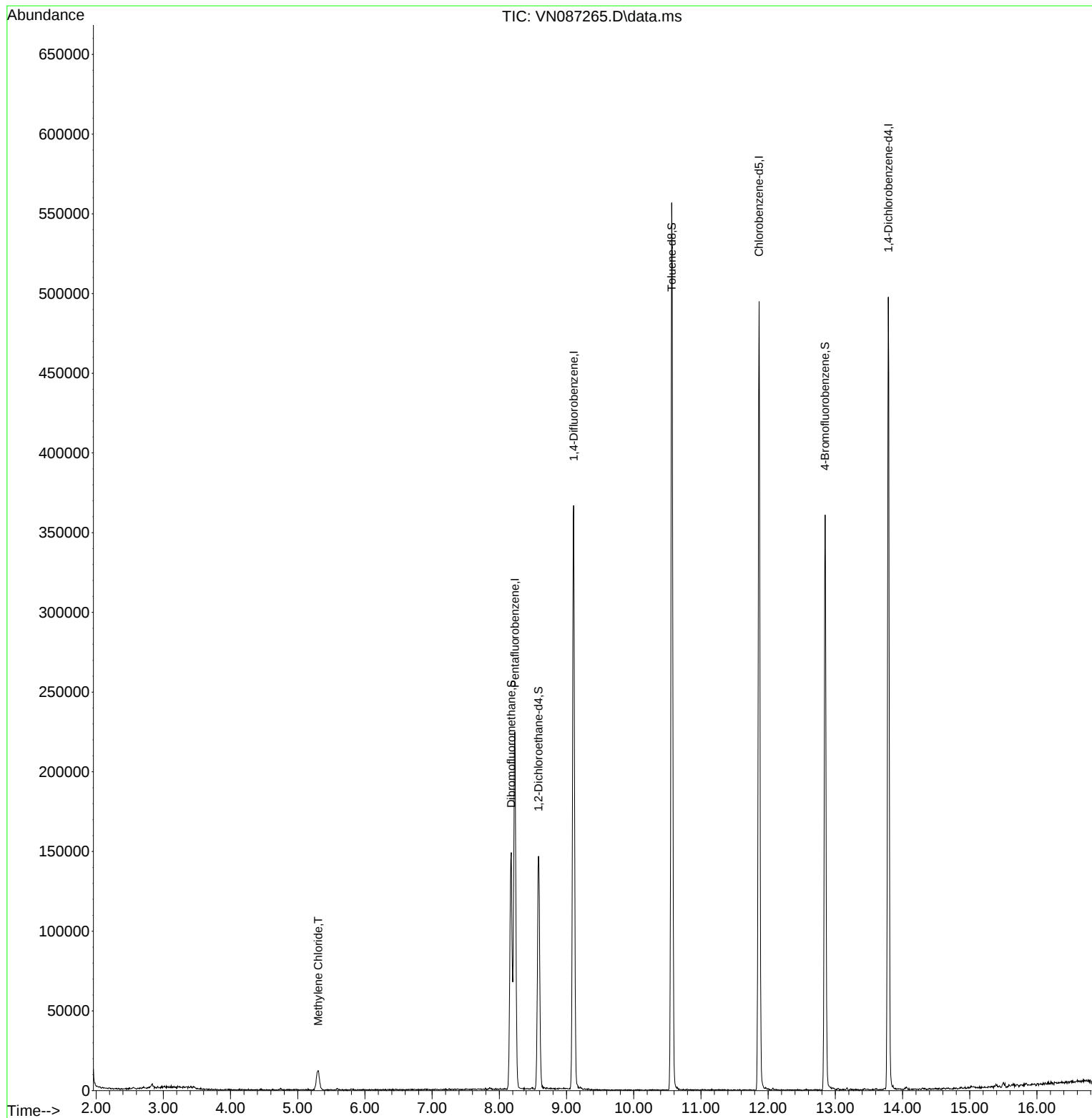
Internal Standards						
1) Pentafluorobenzene	8.230	168	177224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124403	55.930	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.860%
35) Dibromofluoromethane	8.177	113	108835	51.005	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.000%
50) Toluene-d8	10.565	98	401195	48.237	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.847	95	133020	44.949	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.900%
Target Compounds						
20) Methylene Chloride	5.306	84	10965	5.821	ug/l	Qvalue # 95

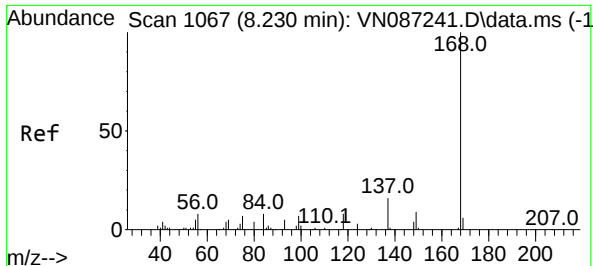
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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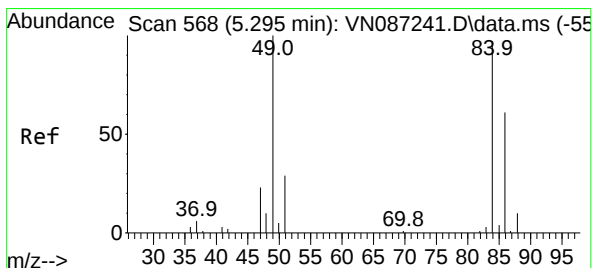
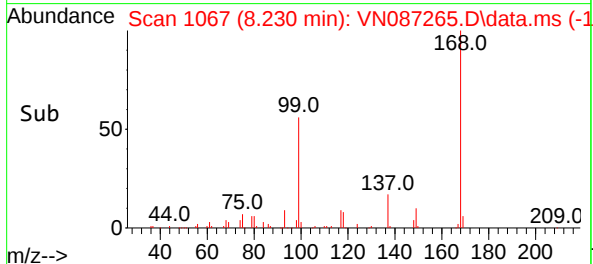
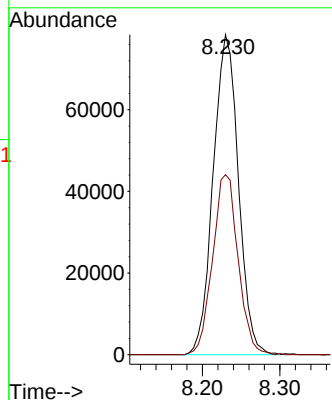
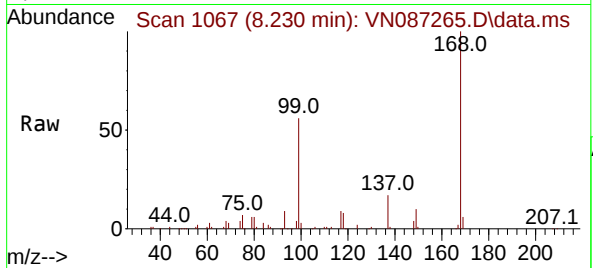




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087265.D
Acq: 03 Jul 2025 13:00

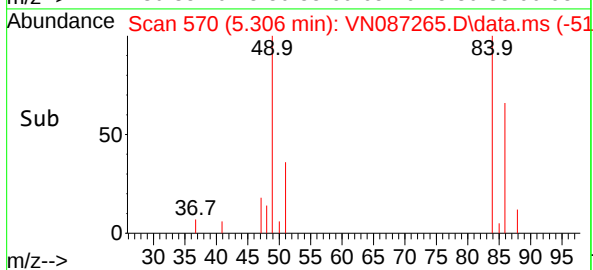
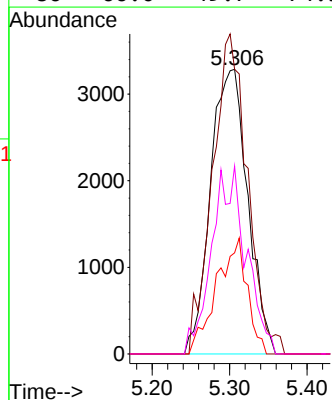
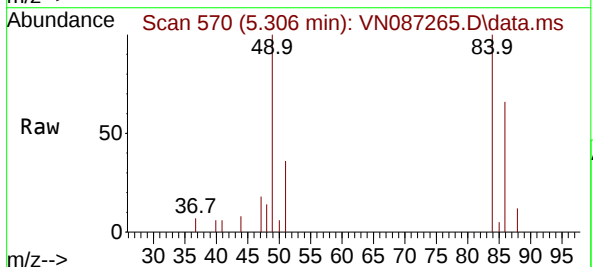
Instrument :
MSVOA_N
ClientSampleId :
PB168727TB

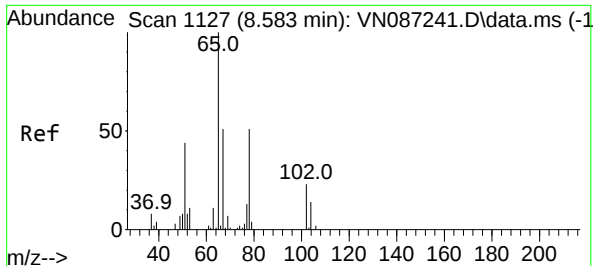
Tgt Ion:168 Resp: 177224
Ion Ratio Lower Upper
168 100
99 56.2 42.6 64.0



#20
Methylene Chloride
Concen: 5.821 ug/l
RT: 5.306 min Scan# 570
Delta R.T. 0.012 min
Lab File: VN087265.D
Acq: 03 Jul 2025 13:00

Tgt Ion: 84 Resp: 10965
Ion Ratio Lower Upper
84 100
49 100.0 82.1 123.1
51 35.5 23.5 35.3#
86 66.0 49.7 74.5





#33

1,2-Dichloroethane-d4

Concen: 55.930 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087265.D

Acq: 03 Jul 2025 13:00

Instrument :

MSVOA_N

ClientSampleId :

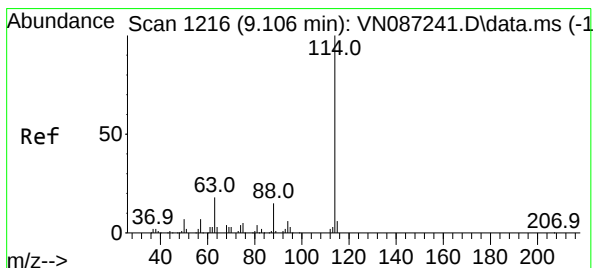
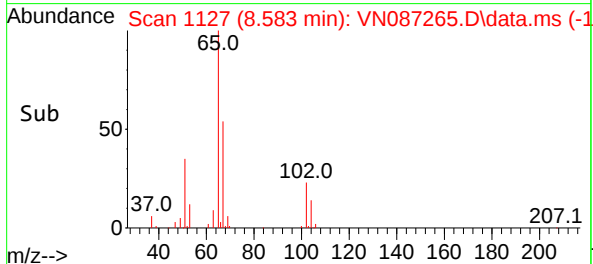
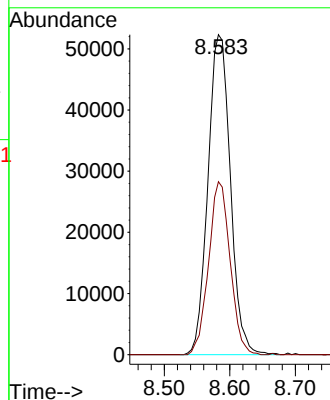
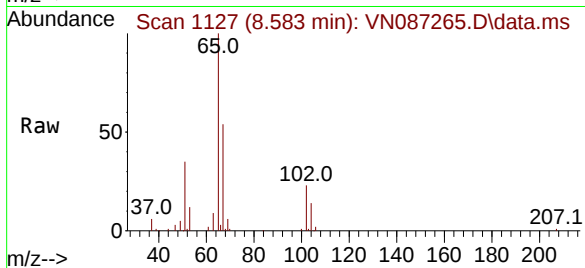
PB168727TB

Tgt Ion: 65 Resp: 124403

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087265.D

Acq: 03 Jul 2025 13:00

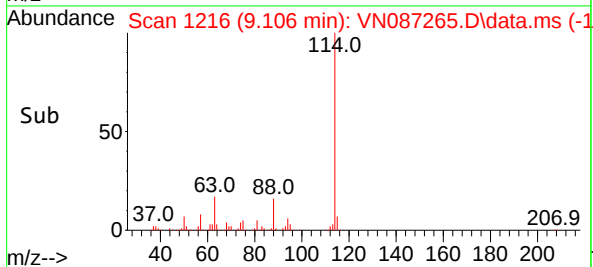
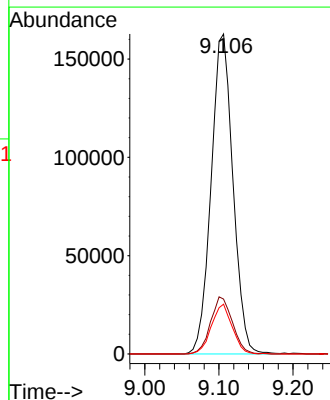
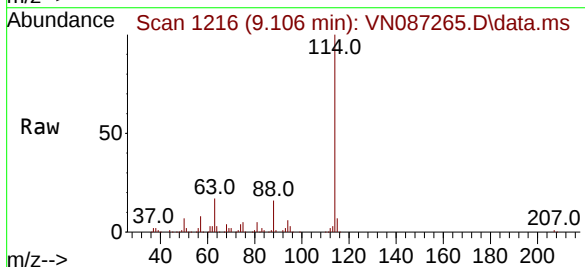
Tgt Ion: 114 Resp: 333249

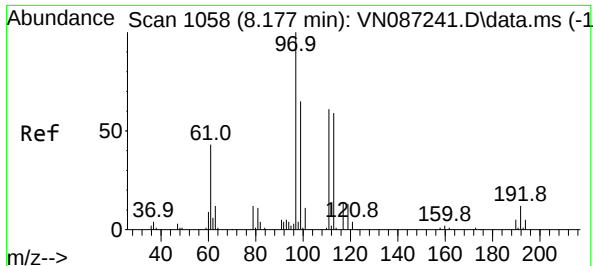
Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.005 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN087265.D

Acq: 03 Jul 2025 13:00

Instrument :

MSVOA_N

ClientSampleId :

PB168727TB

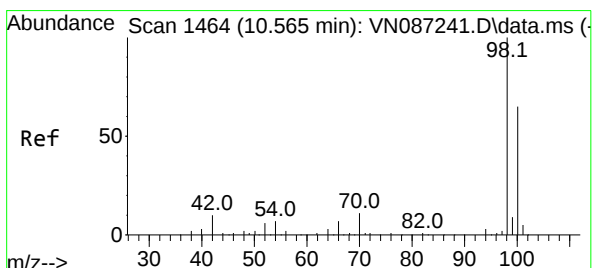
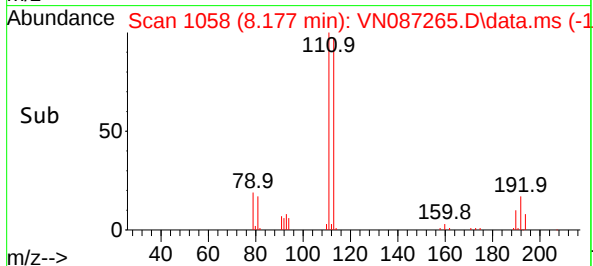
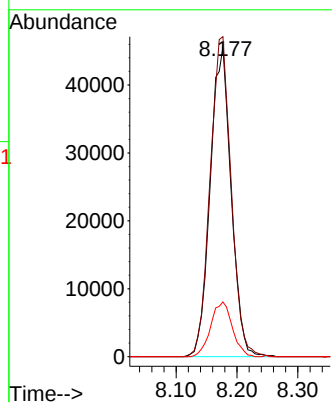
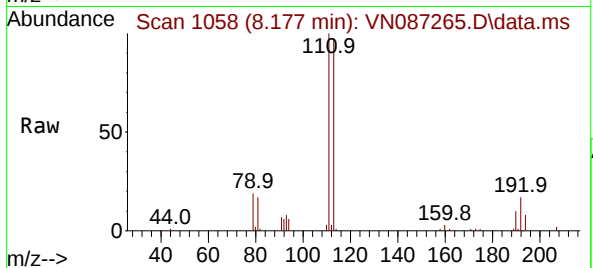
Tgt Ion:113 Resp: 108835

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.2

192 18.2 15.1 22.7



#50

Toluene-d8

Concen: 48.237 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN087265.D

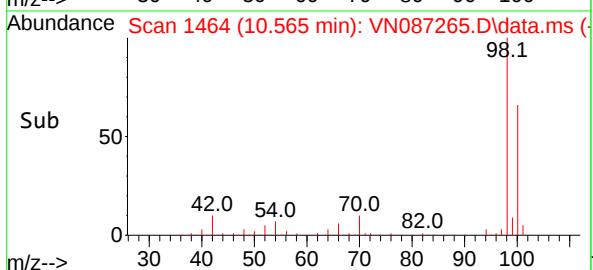
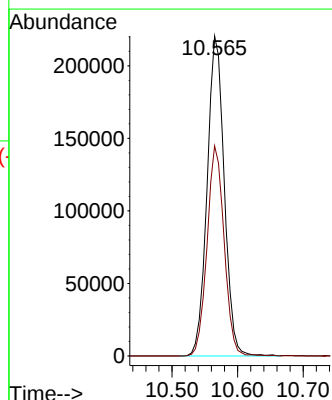
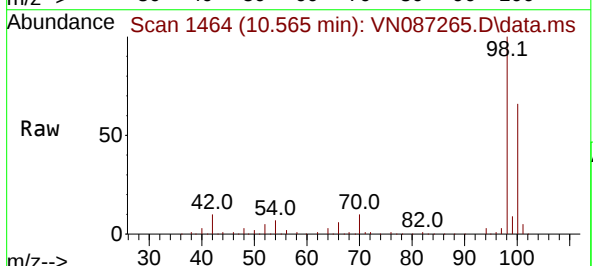
Acq: 03 Jul 2025 13:00

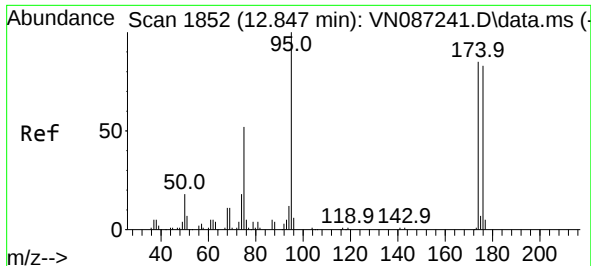
Tgt Ion: 98 Resp: 401195

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1

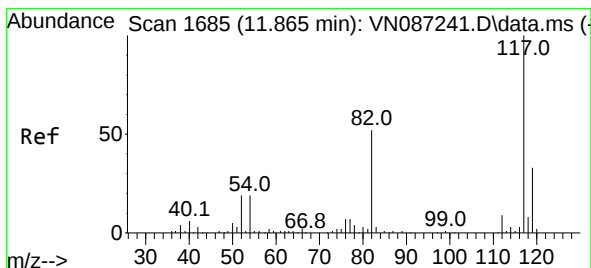
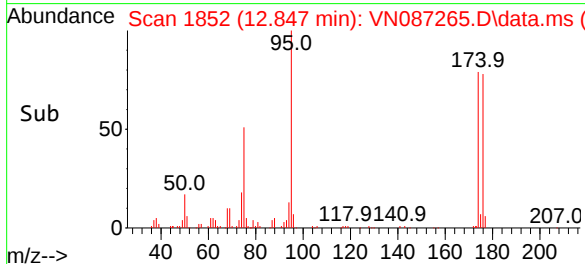
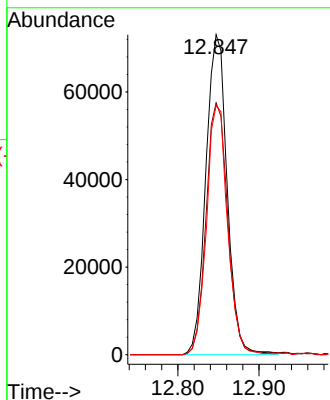
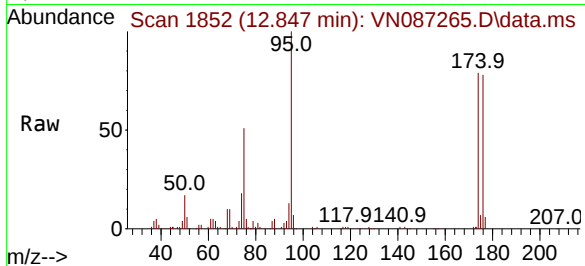




#62
4-Bromofluorobenzene
Concen: 44.949 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087265.D
Acq: 03 Jul 2025 13:00

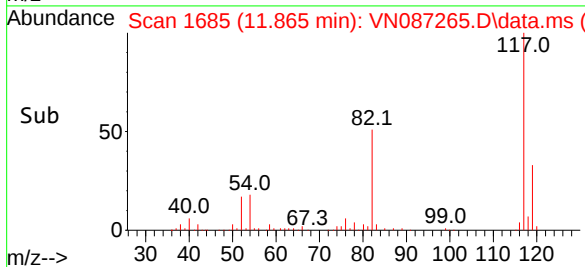
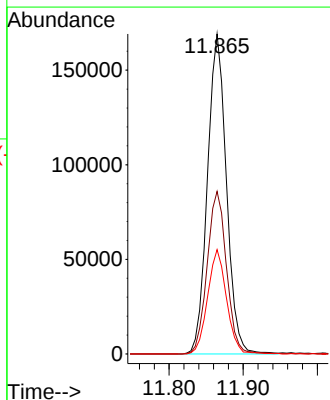
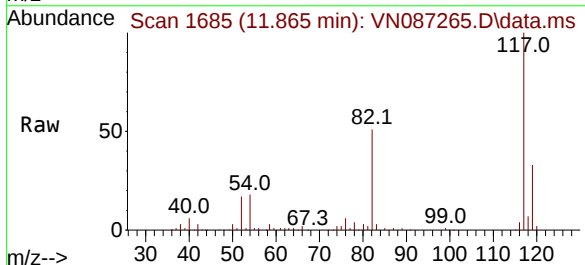
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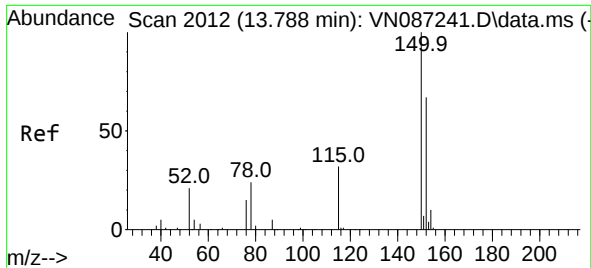
Tgt Ion: 95 Resp: 133020
Ion Ratio Lower Upper
95 100
174 80.5 0.0 169.6
176 76.9 0.0 161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087265.D
Acq: 03 Jul 2025 13:00

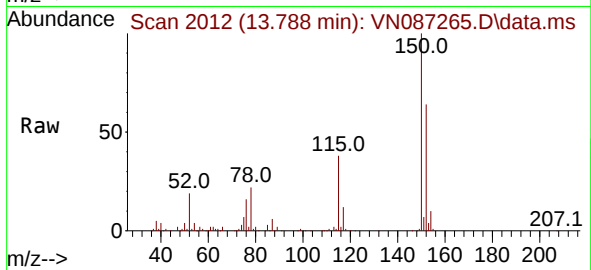
Tgt Ion: 117 Resp: 300948
Ion Ratio Lower Upper
117 100
82 50.8 41.9 62.9
119 32.6 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087265.D
 Acq: 03 Jul 2025 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168727TB



Tgt Ion:152 Resp: 143022
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.3 84.9
 150 159.9 0.0 344.6

