

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087565.D
 Acq On : 14 Aug 2025 14:58
 Operator : JC\MD
 Sample : Q2842-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-081225

Quant Time: Aug 14 15:25:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

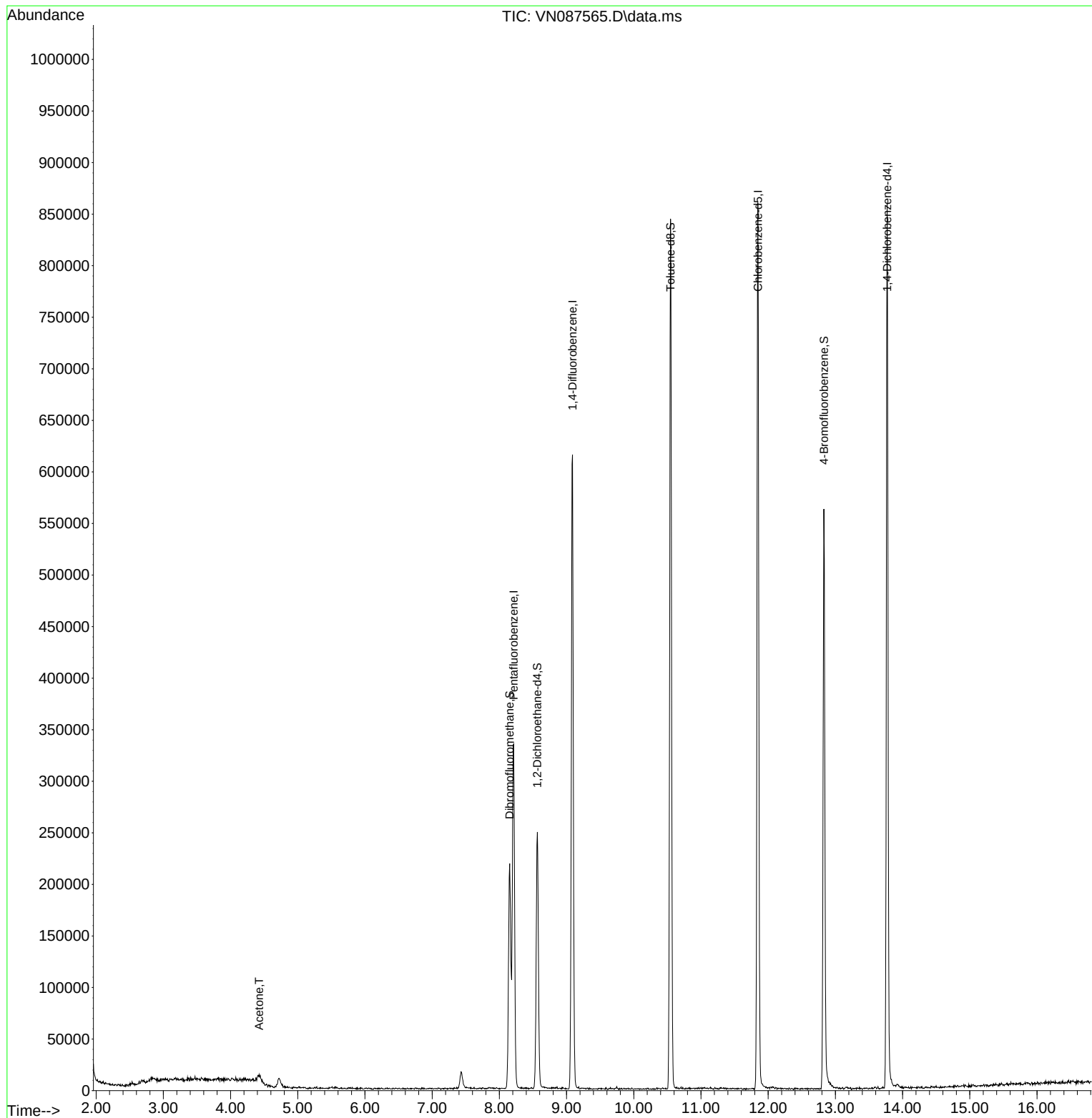
Internal Standards						
1) Pentafluorobenzene	8.212	168	224412	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.088	114	498664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	458661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	214662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	209873	55.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.240%
35) Dibromofluoromethane	8.153	113	154326	44.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.740%
50) Toluene-d8	10.547	98	559384	45.589	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.180%
62) 4-Bromofluorobenzene	12.829	95	200248	44.173	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.340%
Target Compounds						
16) Acetone	4.424	43	8905	4.988	ug/l	# 88

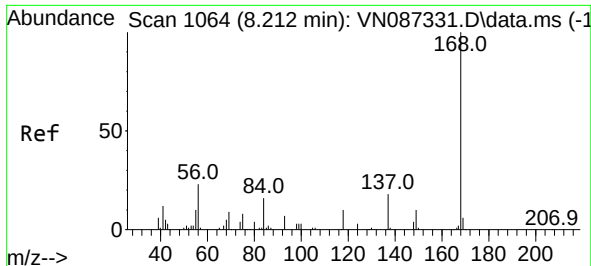
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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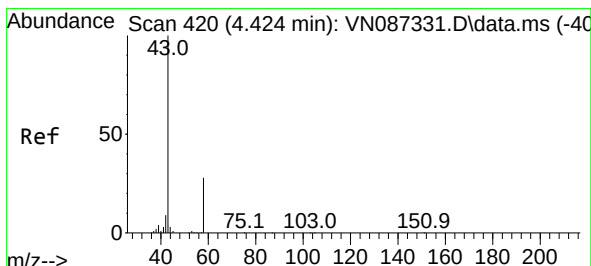
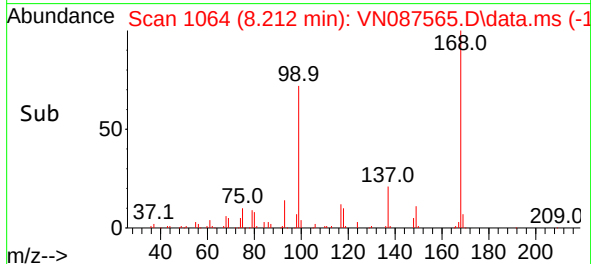
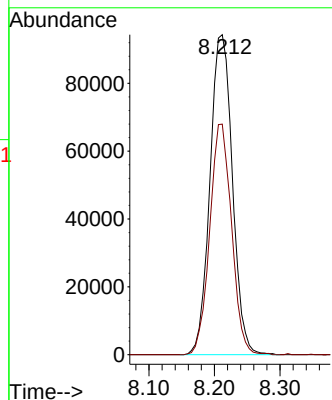
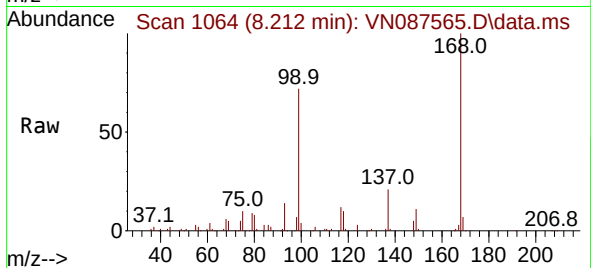




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087565.D
Acq: 14 Aug 2025 14:58

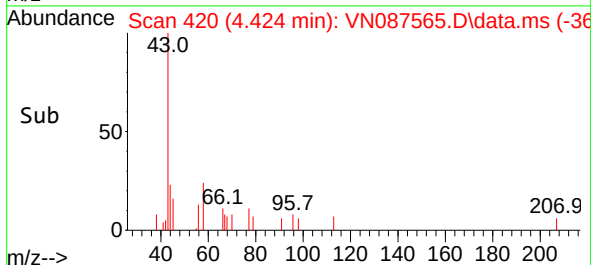
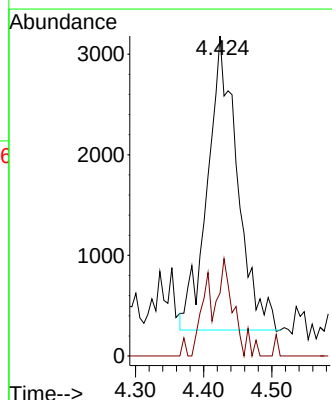
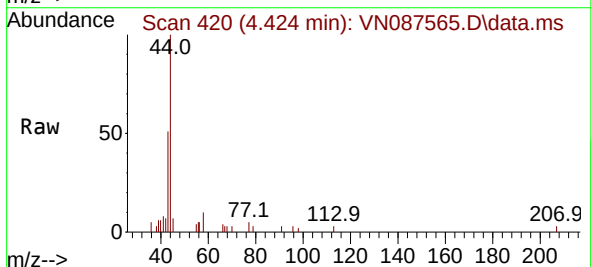
Instrument :
MSVOA_N
ClientSampleId :
TB01-081225

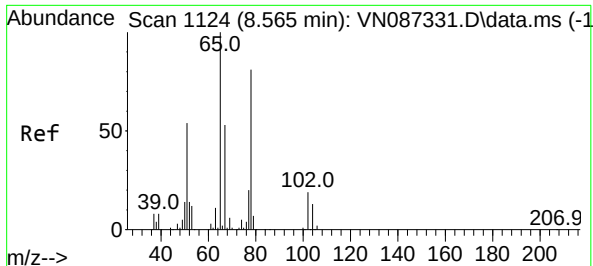
Tgt Ion:168 Resp: 224412
Ion Ratio Lower Upper
168 100
99 72.0 47.9 71.9#



#16
Acetone
Concen: 4.988 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087565.D
Acq: 14 Aug 2025 14:58

Tgt Ion: 43 Resp: 8905
Ion Ratio Lower Upper
43 100
58 21.4 22.3 33.5#





#33

1,2-Dichloroethane-d4

Concen: 55.117 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087565.D

Acq: 14 Aug 2025 14:58

Instrument :

MSVOA_N

ClientSampleId :

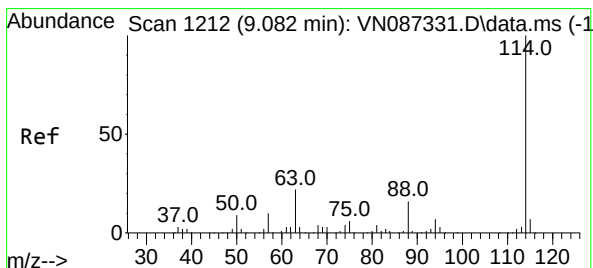
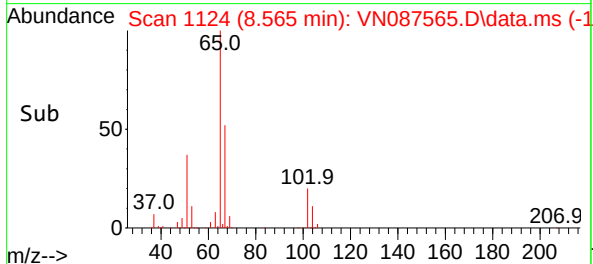
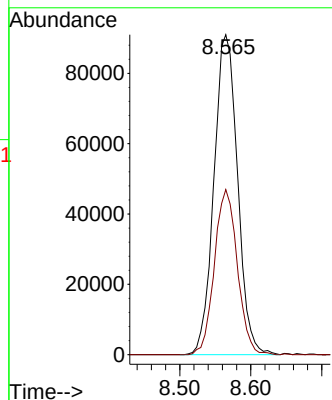
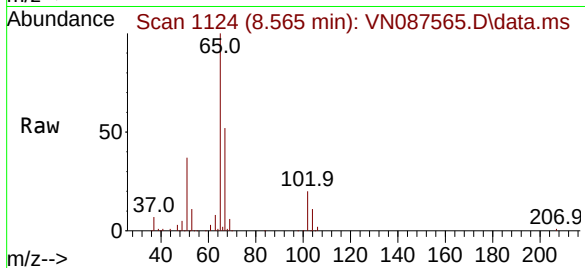
TB01-081225

Tgt Ion: 65 Resp: 209873

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087565.D

Acq: 14 Aug 2025 14:58

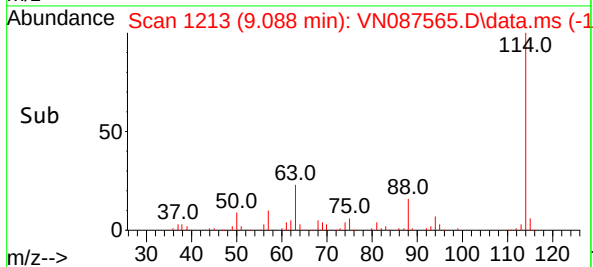
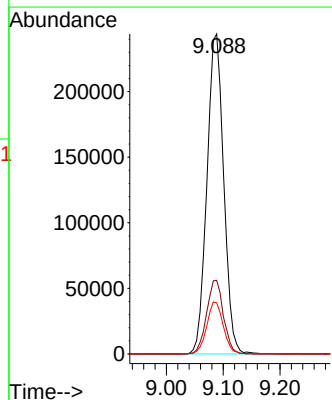
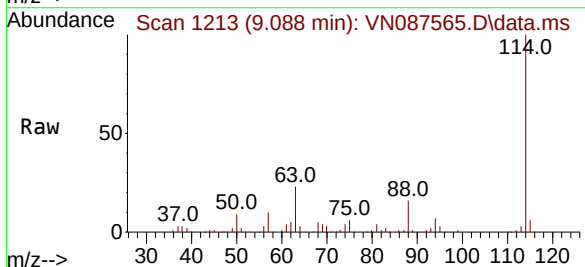
Tgt Ion: 114 Resp: 498664

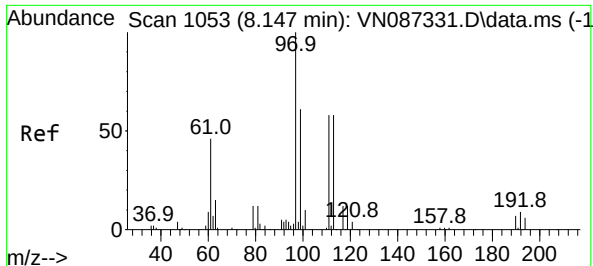
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 44.865 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087565.D

Acq: 14 Aug 2025 14:58

Instrument :

MSVOA_N

ClientSampleId :

TB01-081225

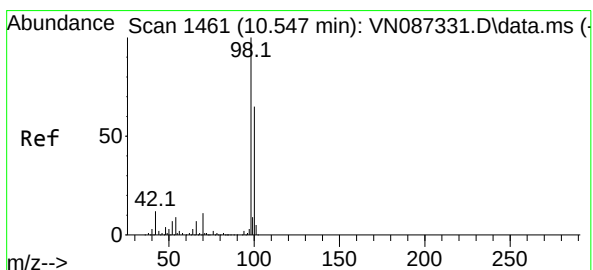
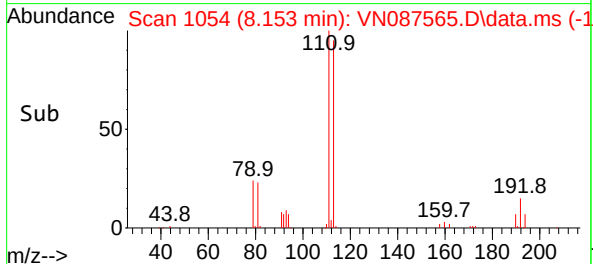
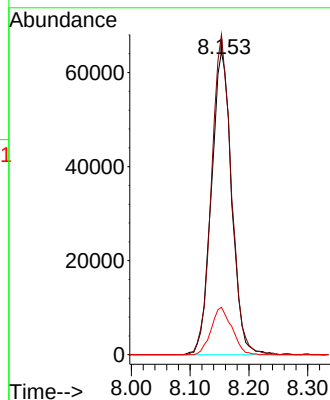
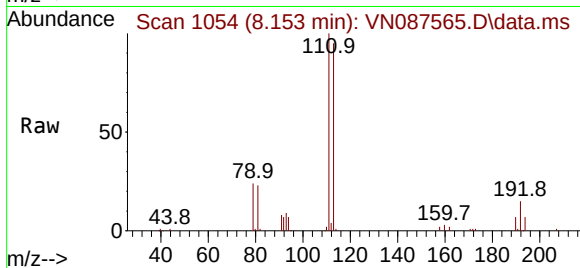
Tgt Ion:113 Resp: 154326

Ion Ratio Lower Upper

113 100

111 103.2 82.5 123.7

192 15.9 13.7 20.5



#50

Toluene-d8

Concen: 45.589 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087565.D

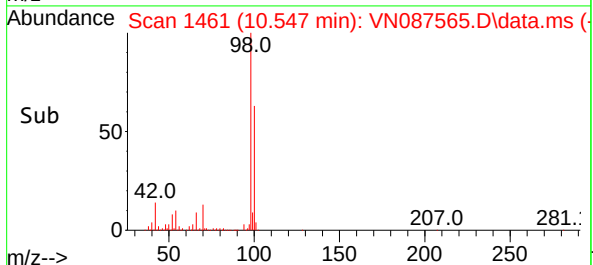
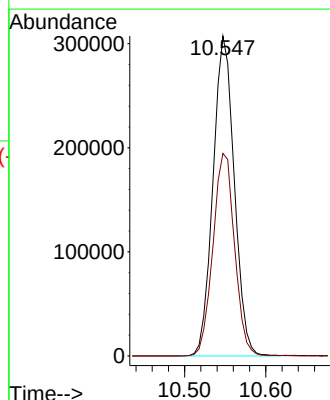
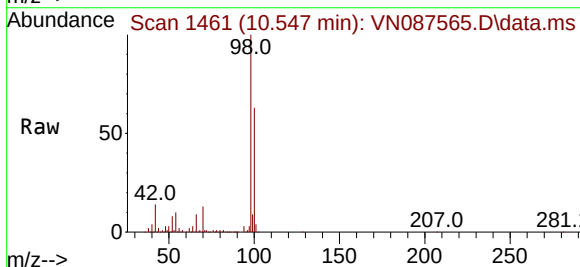
Acq: 14 Aug 2025 14:58

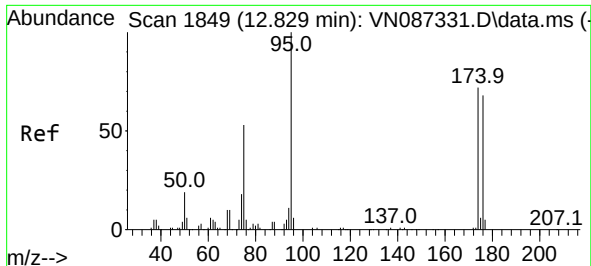
Tgt Ion: 98 Resp: 559384

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

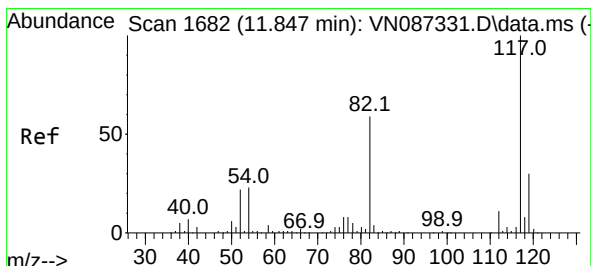
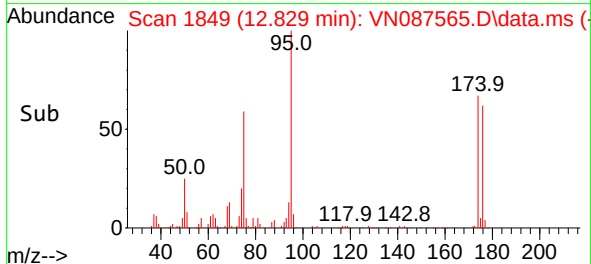
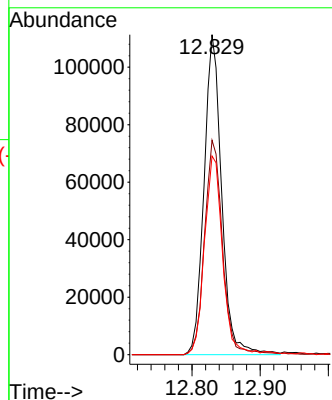
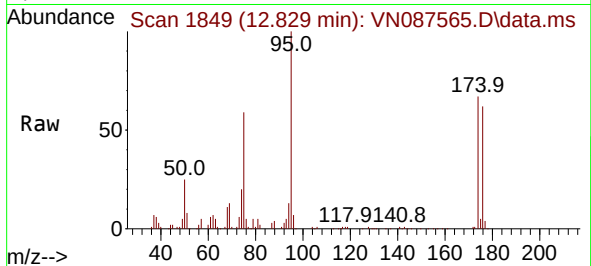




#62
4-Bromofluorobenzene
Concen: 44.173 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087565.D
Acq: 14 Aug 2025 14:58

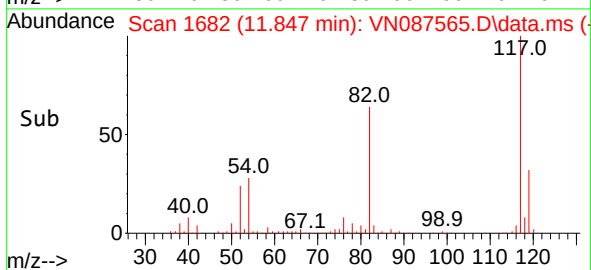
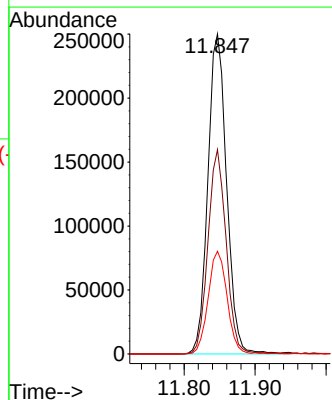
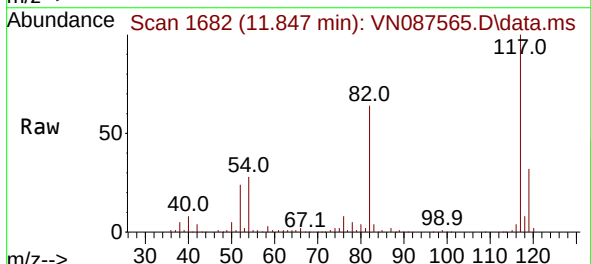
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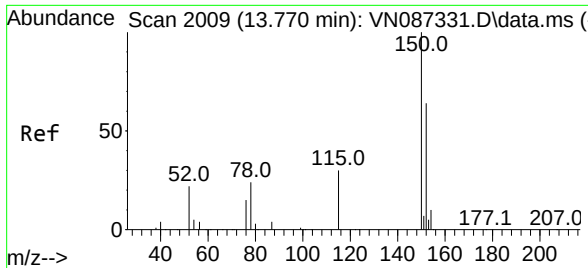
Tgt Ion: 95 Resp: 200248
Ion Ratio Lower Upper
95 100
174 68.6 0.0 149.4
176 63.7 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087565.D
Acq: 14 Aug 2025 14:58

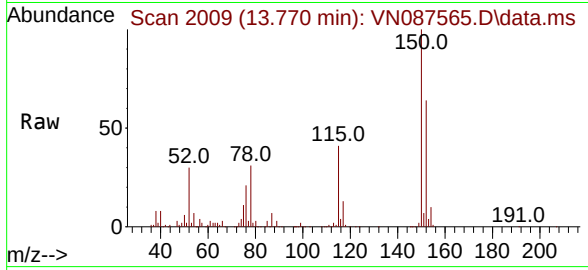
Tgt Ion: 117 Resp: 458661
Ion Ratio Lower Upper
117 100
82 63.8 47.4 71.2
119 32.1 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087565.D
 Acq: 14 Aug 2025 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-081225



Tgt Ion:152 Resp: 214662
 Ion Ratio Lower Upper
 152 100
 115 64.0 31.1 93.5
 150 156.9 0.0 349.0

