

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087065.D
 Acq On : 17 Jun 2025 17:13
 Operator : JC\MD
 Sample : Q2329-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT119S1-20250612

Quant Time: Jun 18 01:51:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

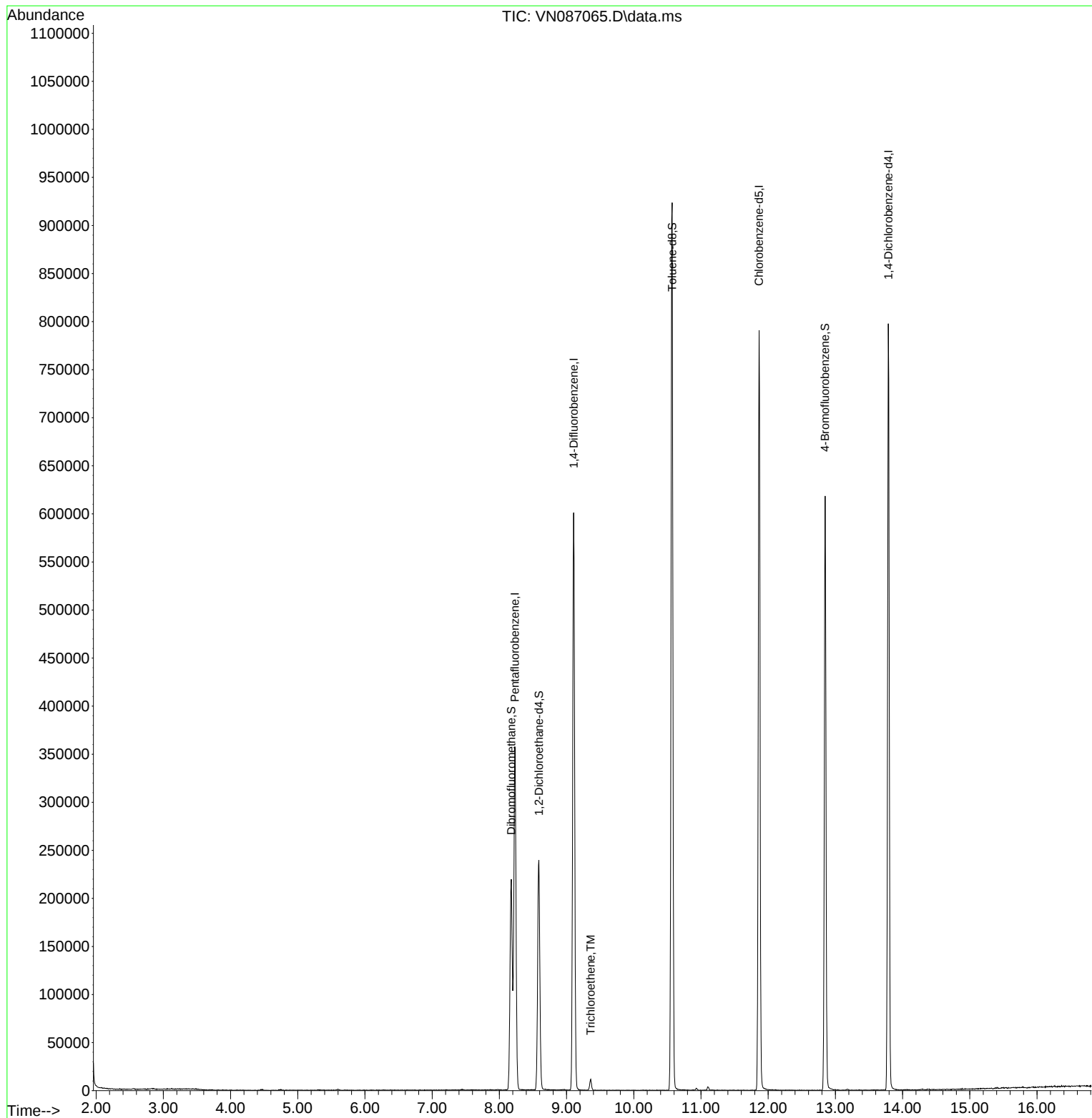
Internal Standards						
1) Pentafluorobenzene	8.229	168	282994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	562247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	504751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	235936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	194771	51.405	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.800%
35) Dibromofluoromethane	8.177	113	171035	51.331	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	10.570	98	690846	52.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.740%
62) 4-Bromofluorobenzene	12.847	95	244256	49.841	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.680%
Target Compounds						
						Qvalue
44) Trichloroethene	9.359	130	4718	1.226	ug/l	86

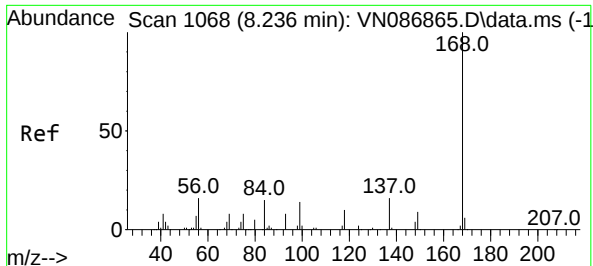
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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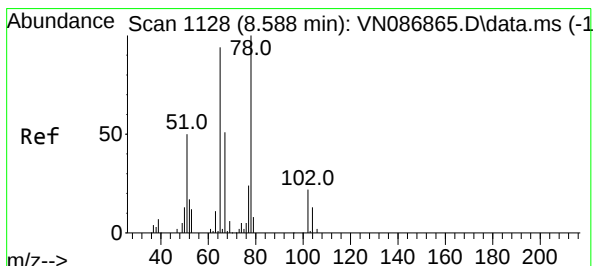
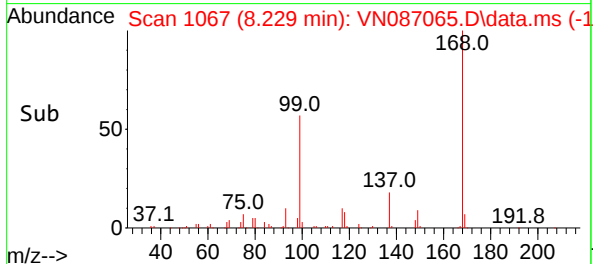
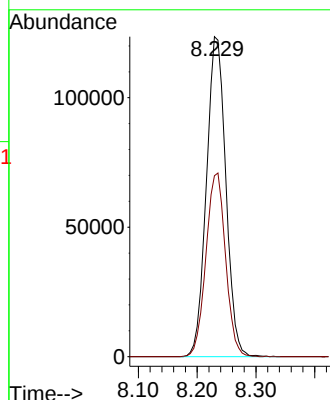
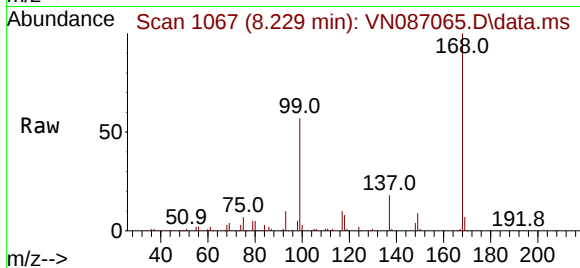




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

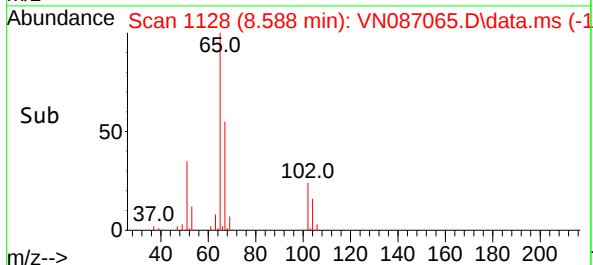
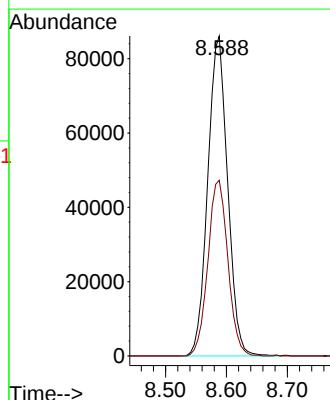
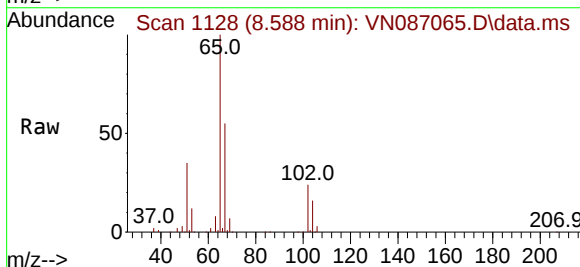
Instrument :
MSVOA_N
ClientSampleId :
TT119S1-20250612

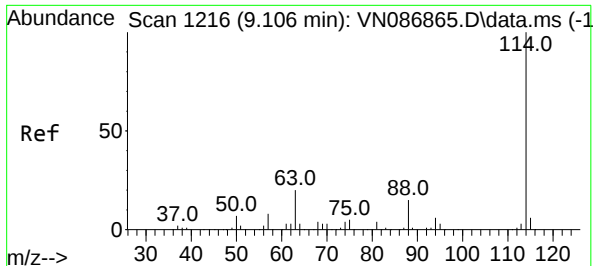
Tgt Ion:168 Resp: 282994
Ion Ratio Lower Upper
168 100
99 56.6 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 51.405 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

Tgt Ion: 65 Resp: 194771
Ion Ratio Lower Upper
65 100
67 55.4 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087065.D

Acq: 17 Jun 2025 17:13

Instrument :

MSVOA_N

ClientSampleId :

TT119S1-20250612

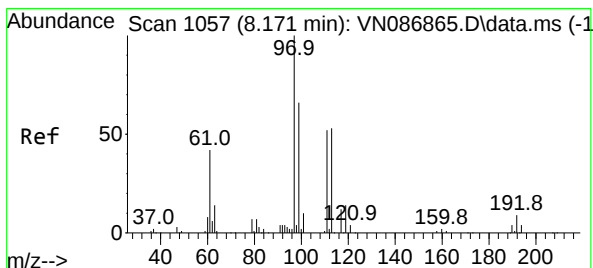
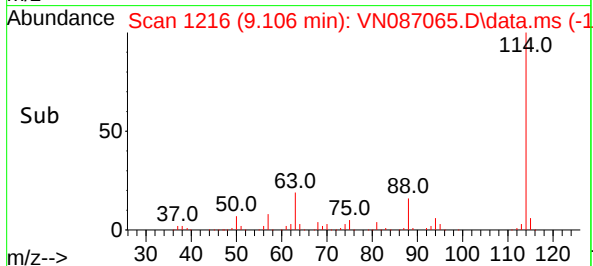
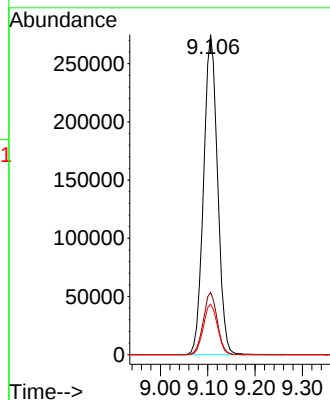
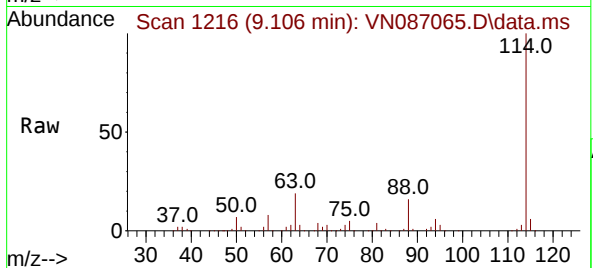
Tgt Ion:114 Resp: 562247

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.331 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087065.D

Acq: 17 Jun 2025 17:13

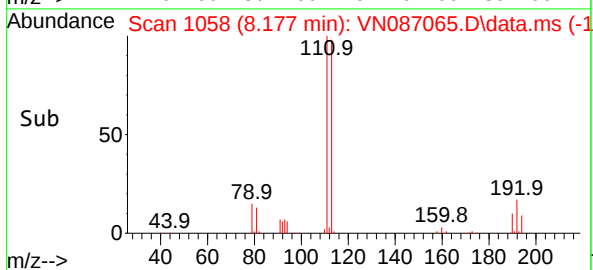
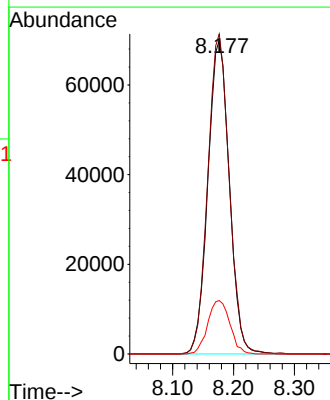
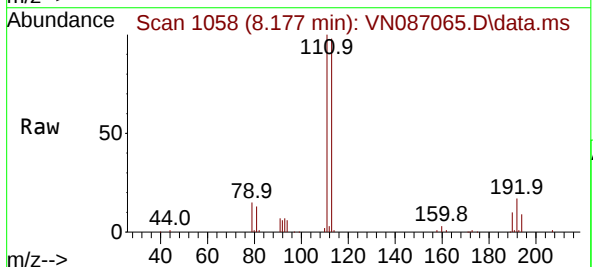
Tgt Ion:113 Resp: 171035

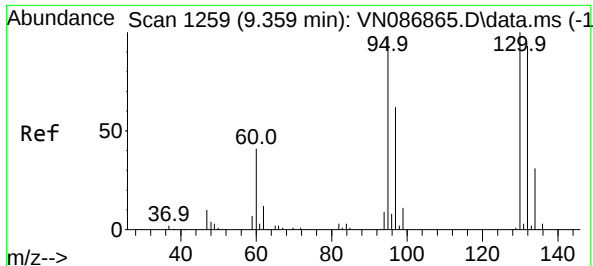
Ion Ratio Lower Upper

113 100

111 101.8 84.2 126.2

192 17.6 14.2 21.4

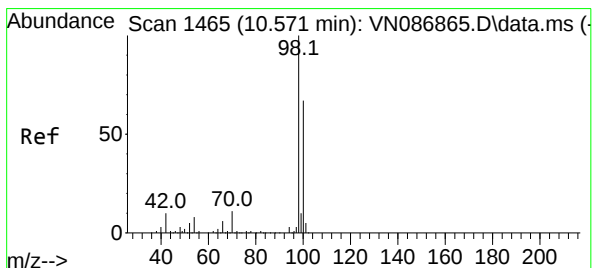
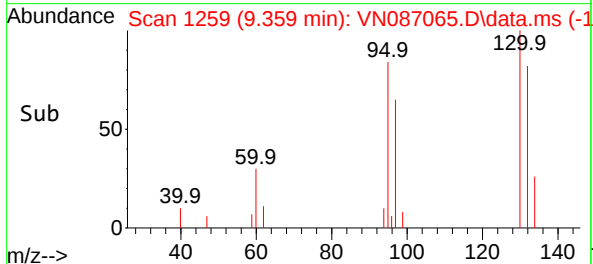
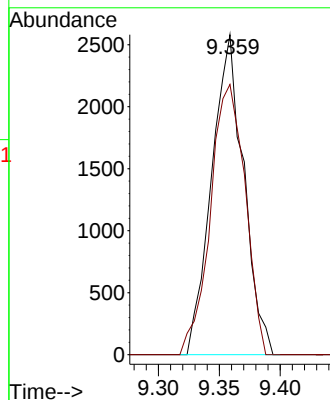
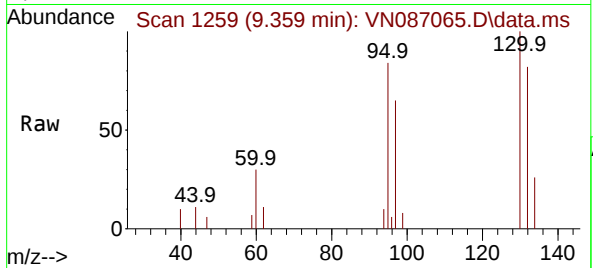




#44
Trichloroethene
Concen: 1.226 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

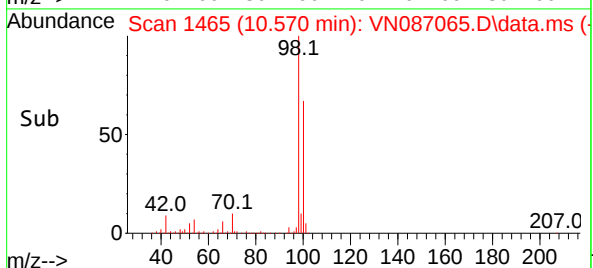
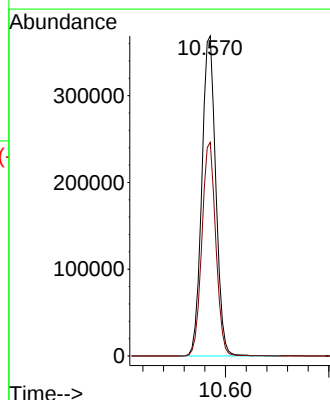
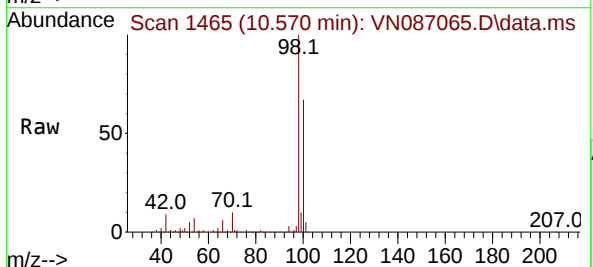
Instrument :
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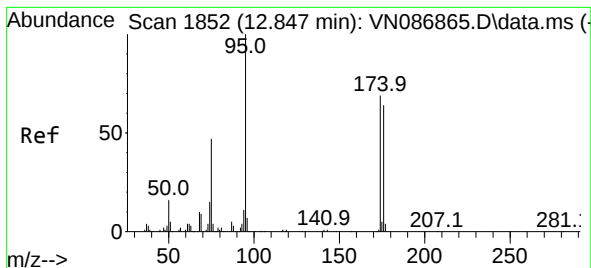
Tgt Ion:130 Resp: 4718
Ion Ratio Lower Upper
130 100
95 84.5 0.0 196.2



#50
Toluene-d8
Concen: 52.374 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

Tgt Ion: 98 Resp: 690846
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0

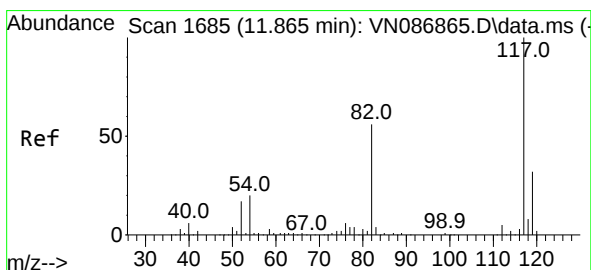
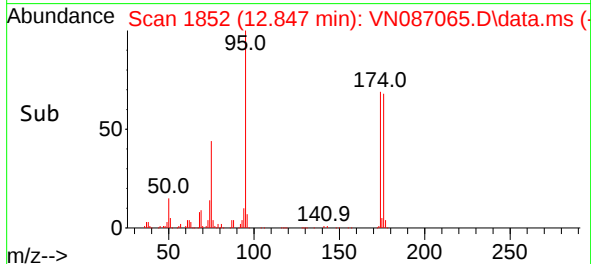
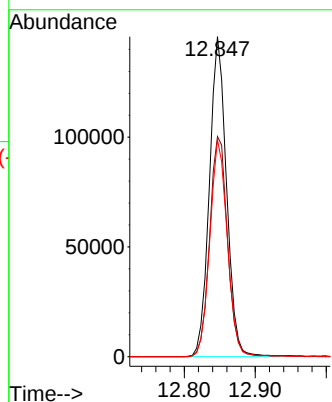
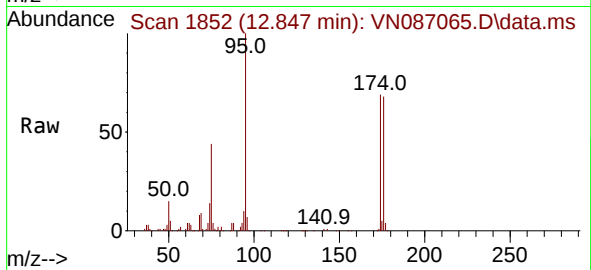




#62
4-Bromofluorobenzene
Concen: 49.841 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

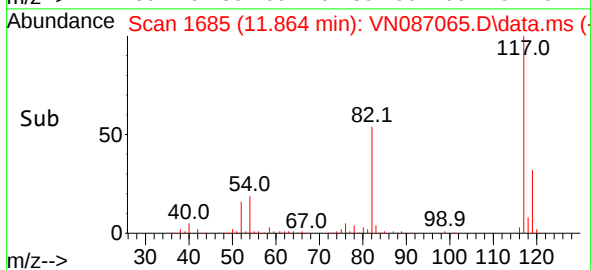
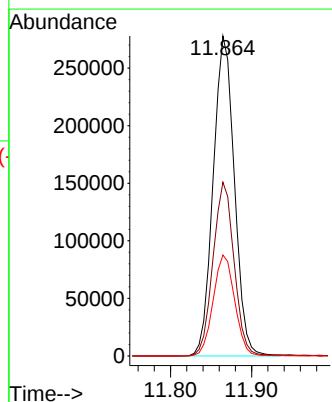
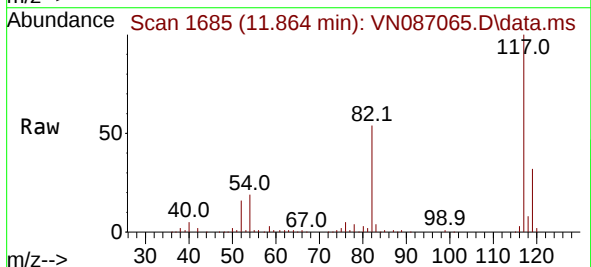
Instrument :
MSVOA_N
ClientSampleId :
TT119S1-20250612

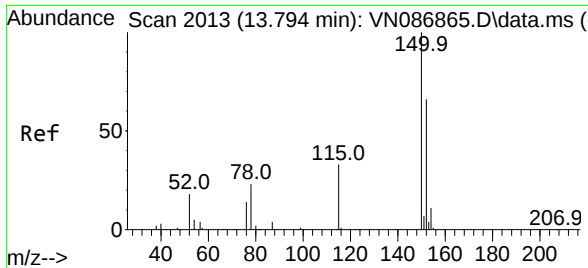
Tgt Ion: 95 Resp: 244256
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.8
176 69.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

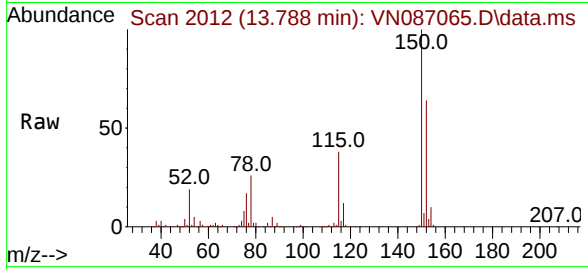
Tgt Ion: 117 Resp: 504751
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 31.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087065.D
 Acq: 17 Jun 2025 17:13

Instrument :
 MSVOA_N
 ClientSampleId :
 TT119S1-20250612



Tgt Ion:152 Resp: 235936

Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.1	90.5
150	157.1	0.0	345.0

