

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087067.D
 Acq On : 17 Jun 2025 17:56
 Operator : JC\MD
 Sample : Q2329-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20250613

Quant Time: Jun 18 01:52:19 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)

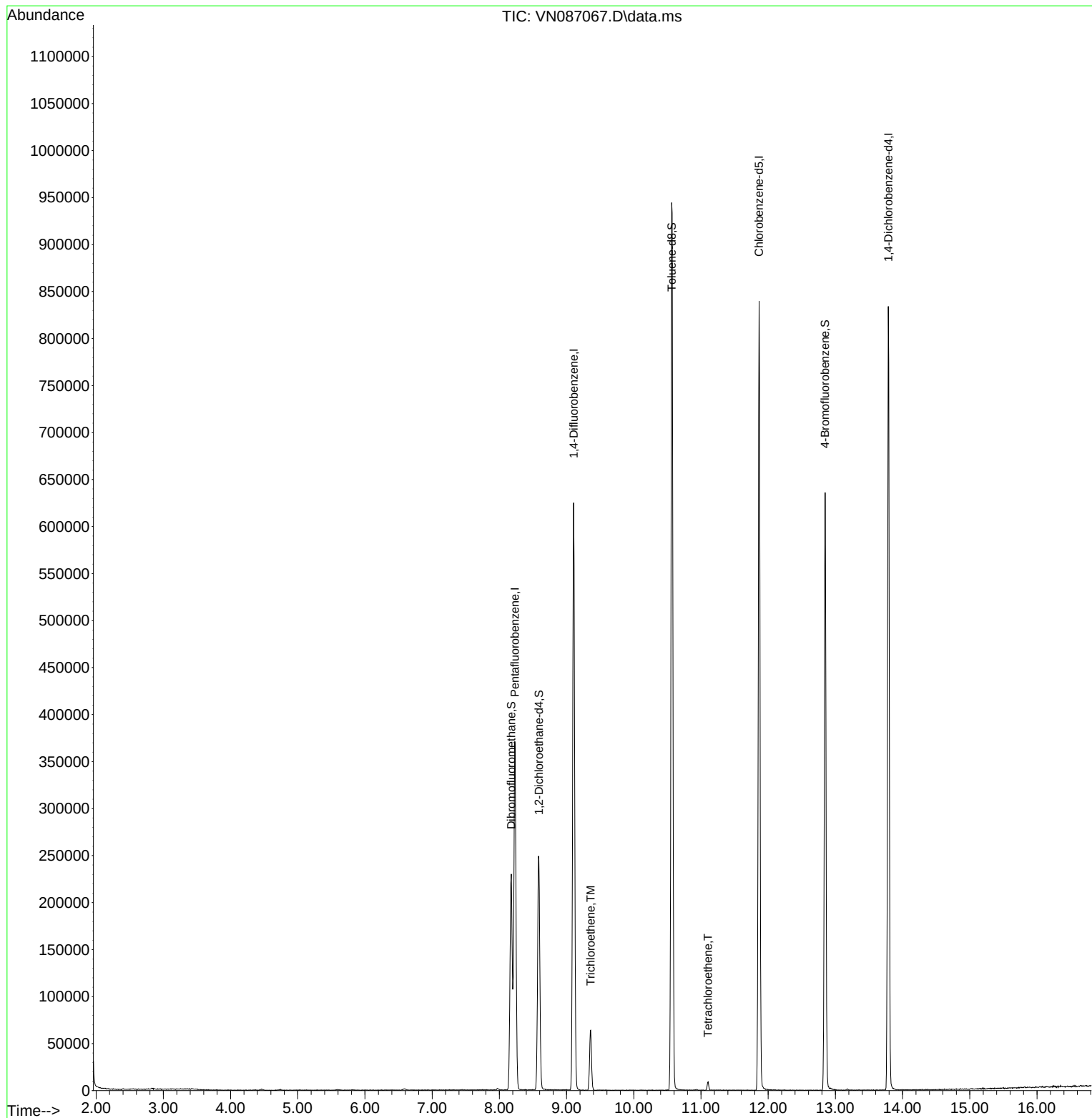
Internal Standards						
1) Pentafluorobenzene	8.230	168	290343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	526439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	248696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	206924	53.230	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.460%	
35) Dibromofluoromethane	8.177	113	176110	50.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.780%	
50) Toluene-d8	10.565	98	719327	52.511	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	12.847	95	255546	50.211	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.420%	
Target Compounds						Qvalue
44) Trichloroethene	9.359	130	25133	6.286	ug/l	97
64) Tetrachloroethene	11.106	164	2198	0.660	ug/l	86

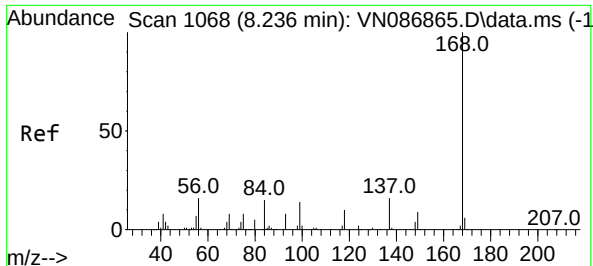
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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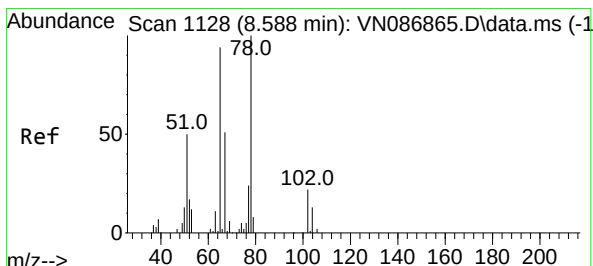
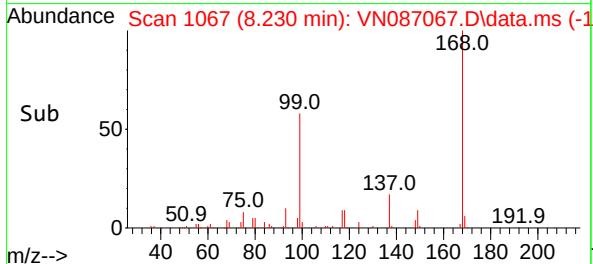
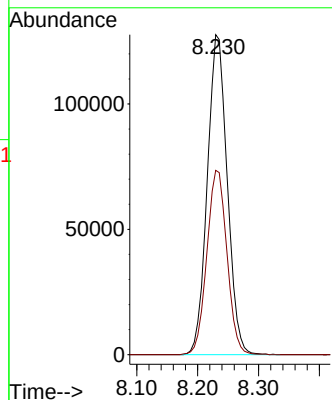
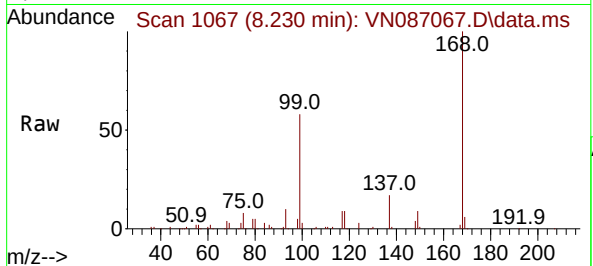




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

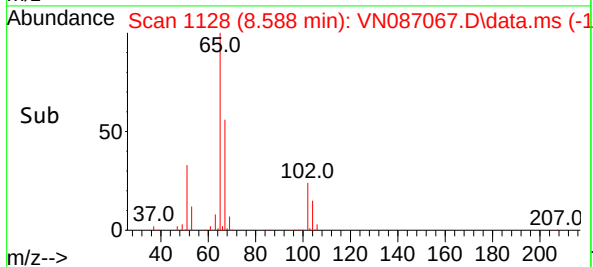
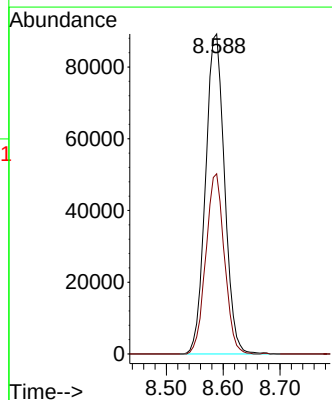
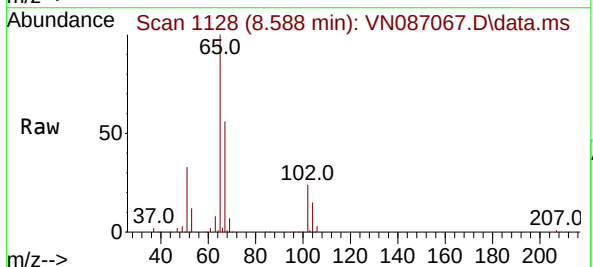
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20250613

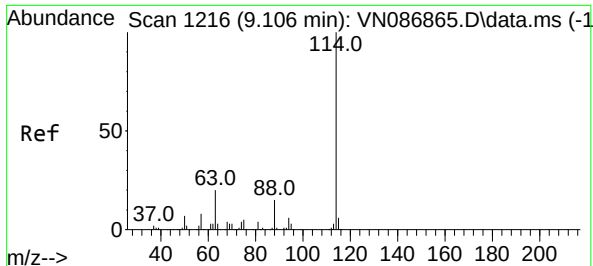
Tgt Ion:168 Resp: 290343
Ion Ratio Lower Upper
168 100
99 57.6 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 53.230 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

Tgt Ion: 65 Resp: 206924
Ion Ratio Lower Upper
65 100
67 55.0 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: VN087067.D

Acq: 17 Jun 2025 17:56

Instrument :

MSVOA_N

ClientSampleId :

TT162S1-20250613

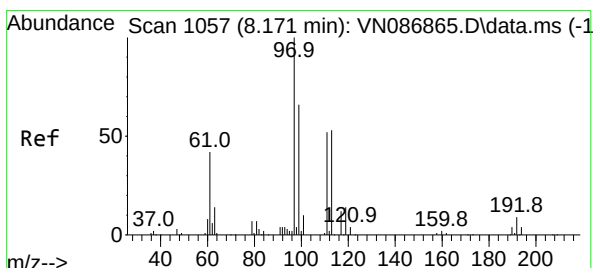
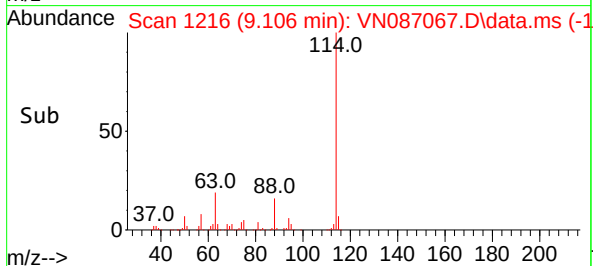
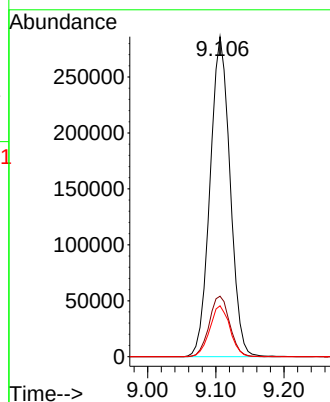
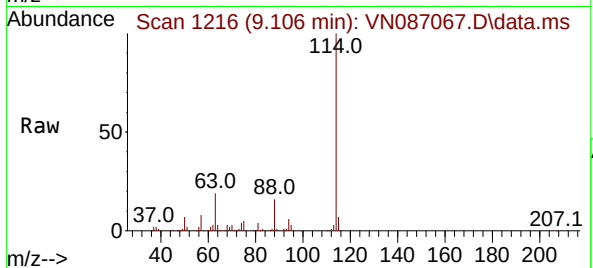
Tgt Ion:114 Resp: 583906

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.9 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.893 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087067.D

Acq: 17 Jun 2025 17:56

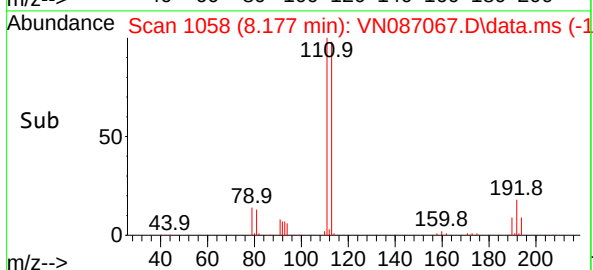
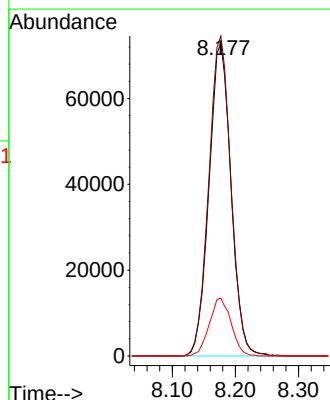
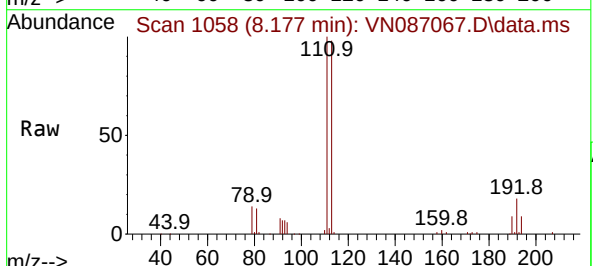
Tgt Ion:113 Resp: 176110

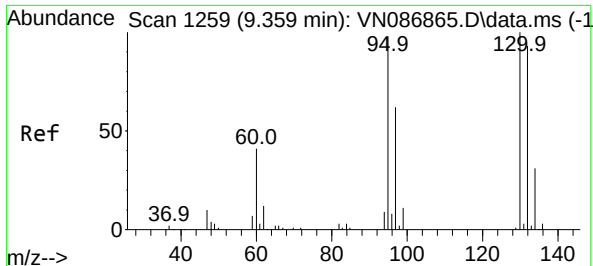
Ion Ratio Lower Upper

113 100

111 103.1 84.2 126.2

192 18.4 14.2 21.4

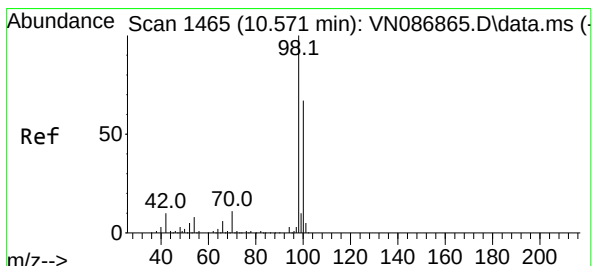
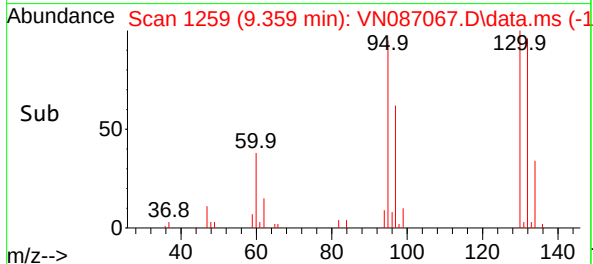
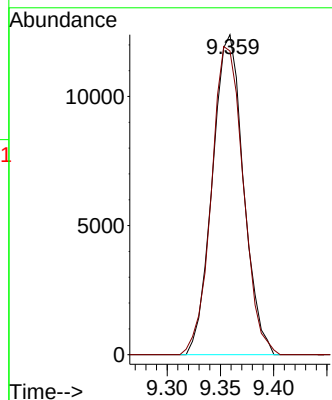
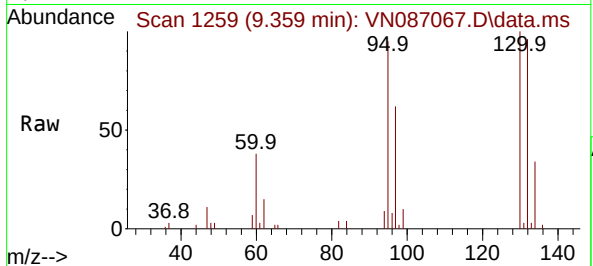




#44
Trichloroethene
Concen: 6.286 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

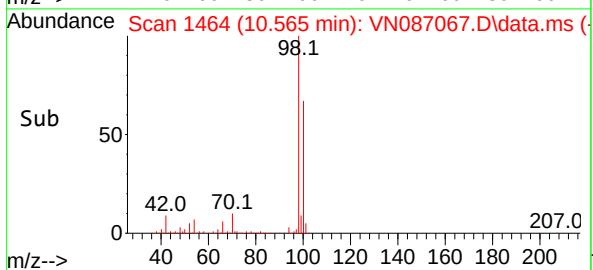
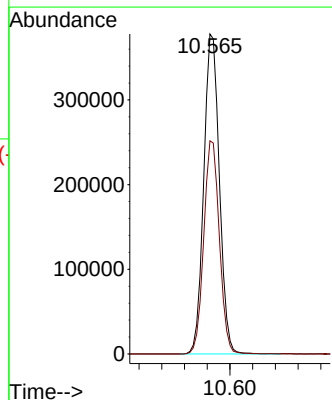
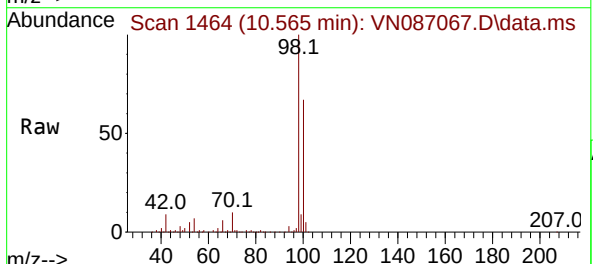
Instrument :
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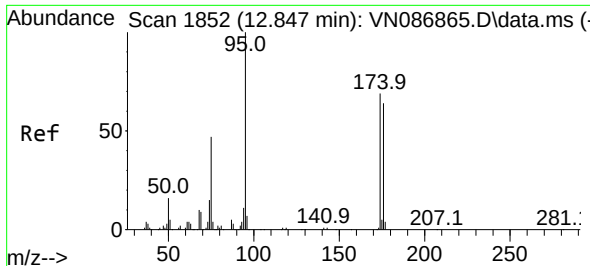
Tgt Ion:130 Resp: 25133
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.2



#50
Toluene-d8
Concen: 52.511 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

Tgt Ion: 98 Resp: 719327
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0

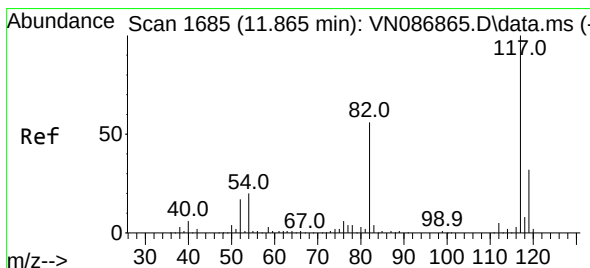
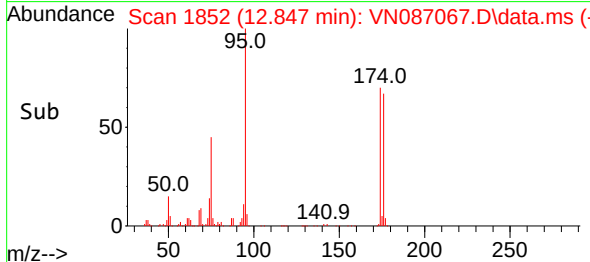
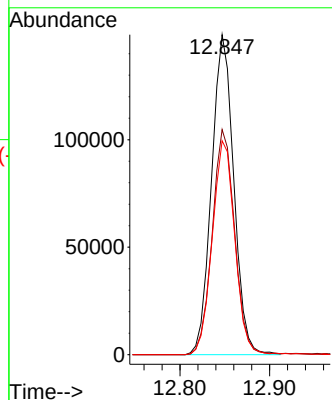
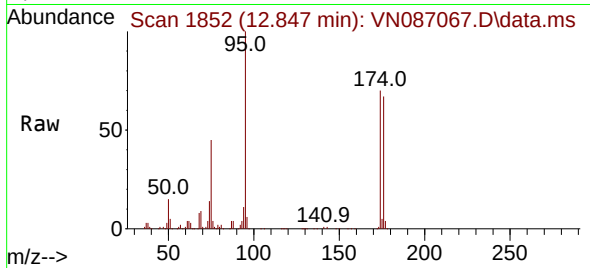




#62
4-Bromofluorobenzene
Concen: 50.211 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

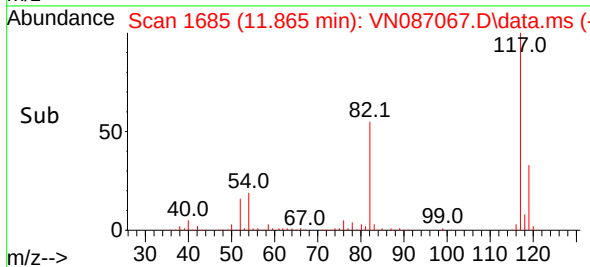
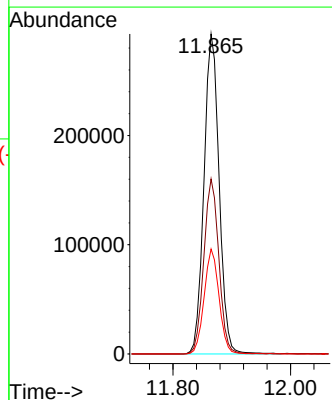
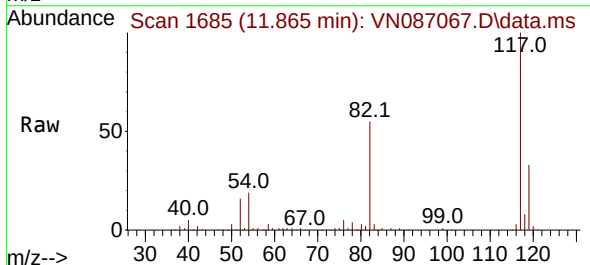
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20250613

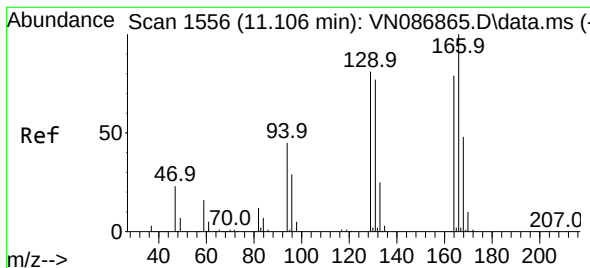
Tgt Ion: 95 Resp: 255546
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.8
176 68.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

Tgt Ion: 117 Resp: 526439
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 32.8 25.5 38.3





#64

Tetrachloroethene

Concen: 0.660 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087067.D

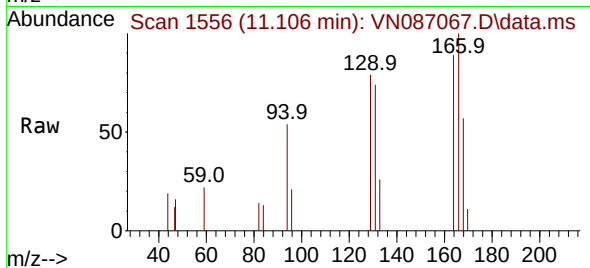
Acq: 17 Jun 2025 17:56

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:164 Resp: 2198

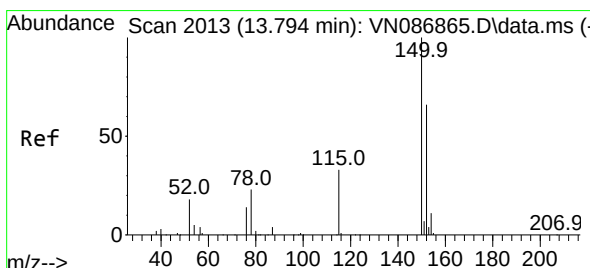
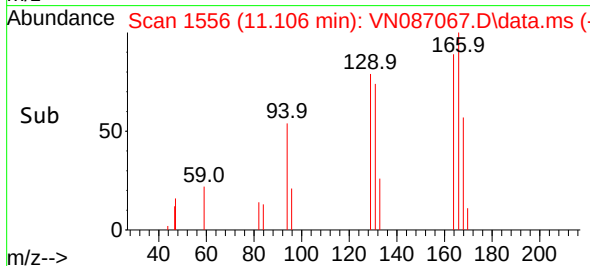
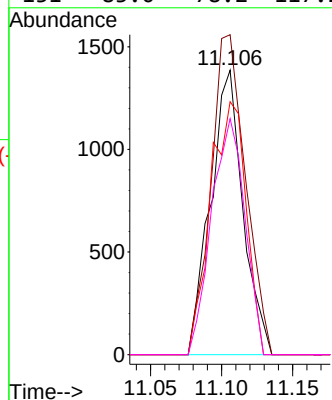
Ion Ratio Lower Upper

164 100

166 112.5 101.8 152.8

129 88.9 83.0 124.4

131 83.0 78.2 117.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN087067.D

Acq: 17 Jun 2025 17:56

Tgt Ion:152 Resp: 248696

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

150 158.0 0.0 345.0

