

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087025.D
 Acq On : 16 Jun 2025 13:04
 Operator : JC\MD
 Sample : Q2299-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10-MW01S-20250609

Quant Time: Jun 17 07:21:59 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)

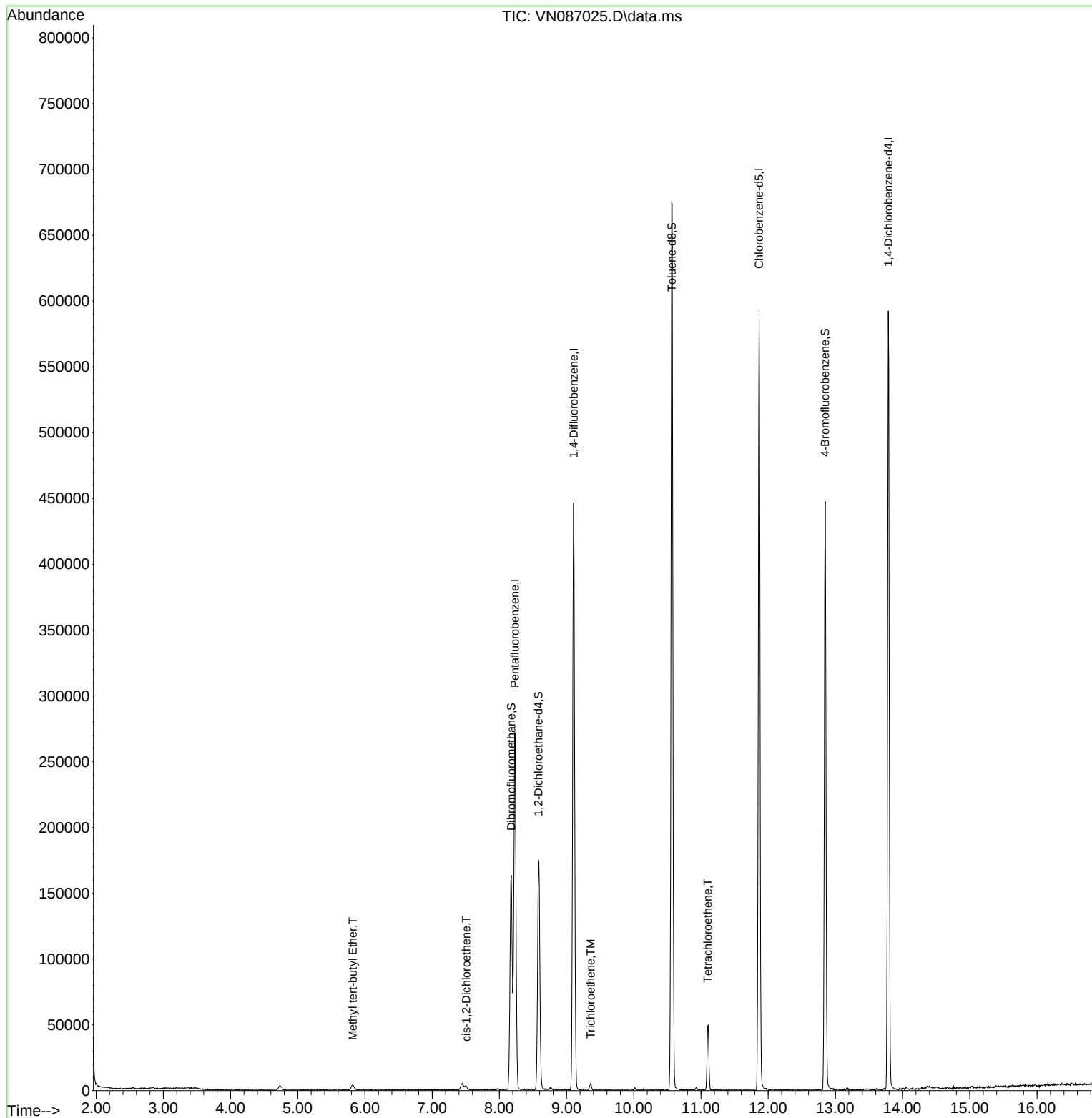
Internal Standards						
1) Pentafluorobenzene	8.230	168	213340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	416537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	374911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147282	51.562	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.120%		
35) Dibromofluoromethane	8.177	113	124568	50.463	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.920%		
50) Toluene-d8	10.565	98	509191	52.106	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.220%		
62) 4-Bromofluorobenzene	12.847	95	181353	49.951	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.900%		
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.818	73	6886	0.801	ug/l	95
27) cis-1,2-Dichloroethene	7.506	96	2363	0.748	ug/l	69
44) Trichloroethene	9.359	130	1781	0.624	ug/l	90
64) Tetrachloroethene	11.100	164	12899	5.436	ug/l	96

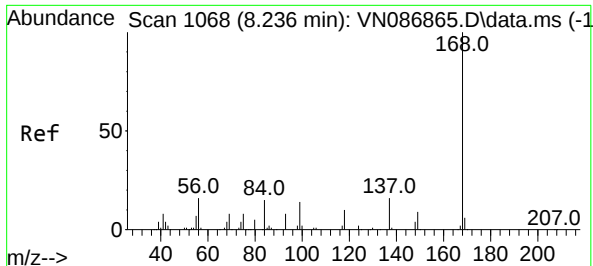
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
Data File : VN087025.D
Acq On : 16 Jun 2025 13:04
Operator : JC\MD
Sample : Q2299-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20250609

Quant Time: Jun 17 07:21:59 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

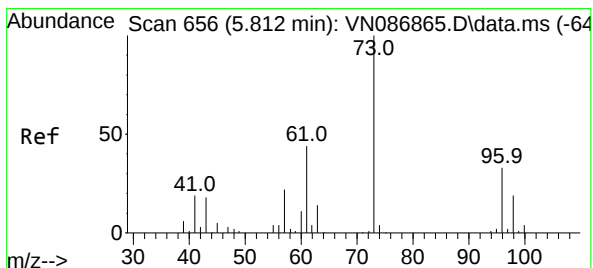
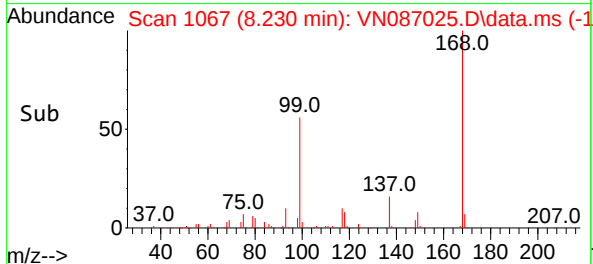
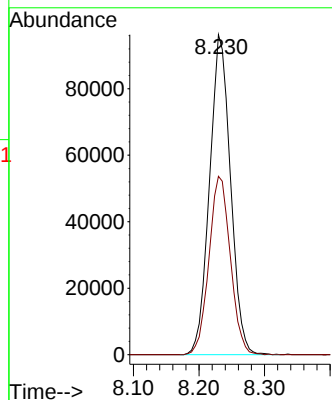
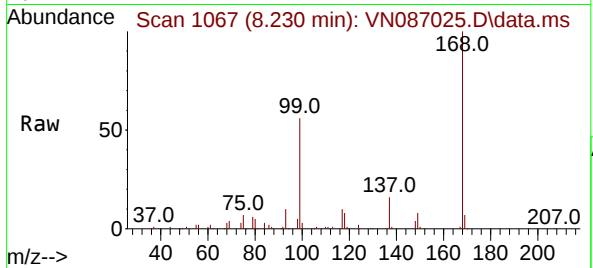




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

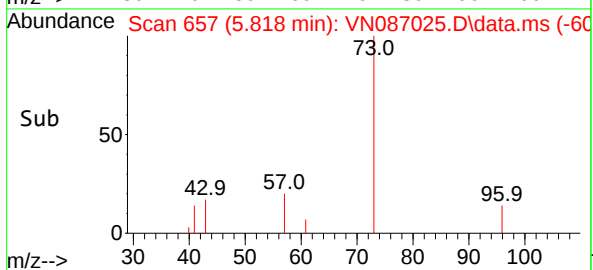
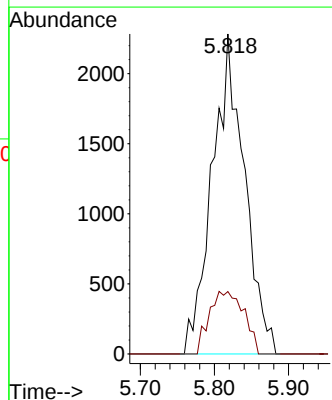
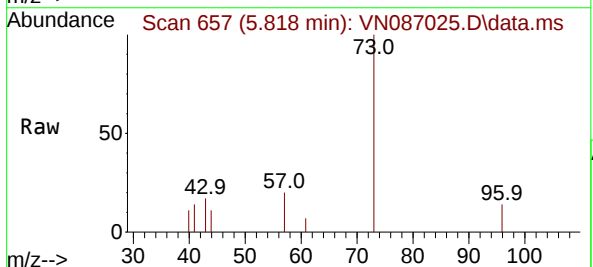
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20250609

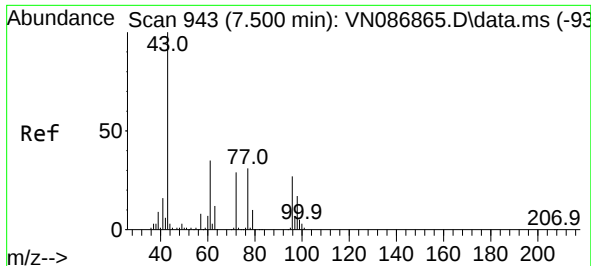
Tgt Ion:168 Resp: 213340
Ion Ratio Lower Upper
168 100
99 55.7 49.1 73.7



#19
Methyl tert-butyl Ether
Concen: 0.801 ug/l
RT: 5.818 min Scan# 657
Delta R.T. 0.006 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Tgt Ion: 73 Resp: 6886
Ion Ratio Lower Upper
73 100
57 19.5 17.4 26.2

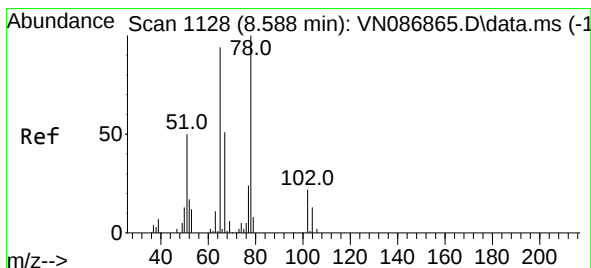
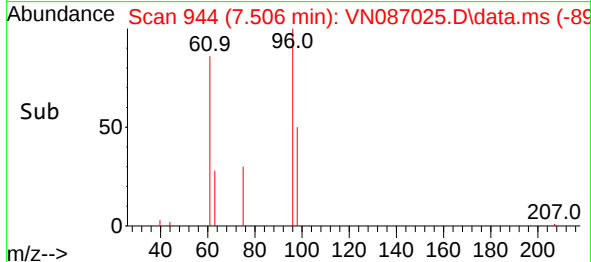
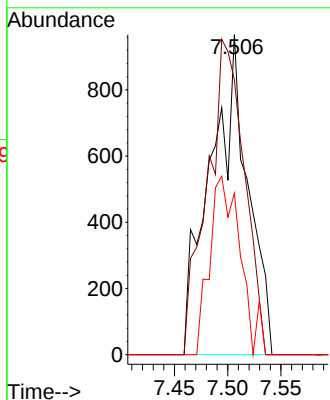
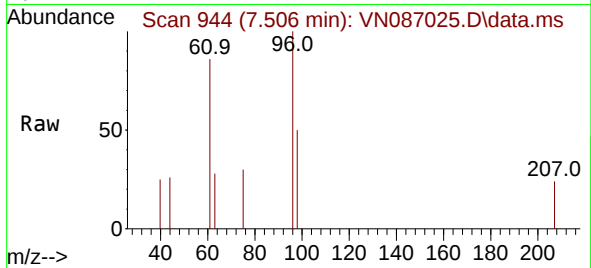




#27
 cis-1,2-Dichloroethene
 Concen: 0.748 ug/l
 RT: 7.506 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN087025.D
 Acq: 16 Jun 2025 13:04

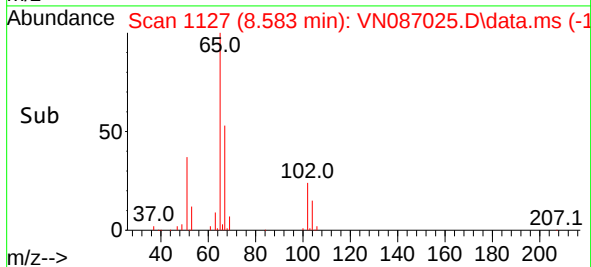
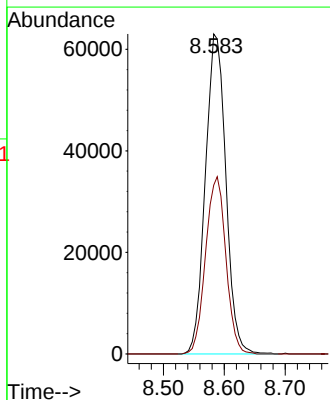
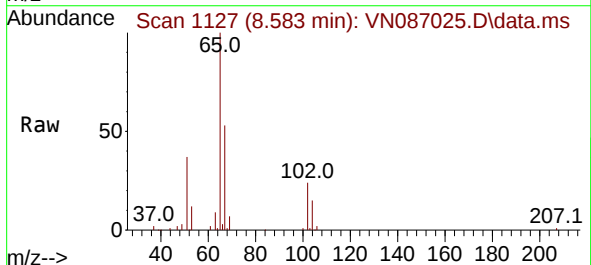
Instrument :
 MSVOA_N
 ClientSampleId :
 RW10-MW01S-20250609

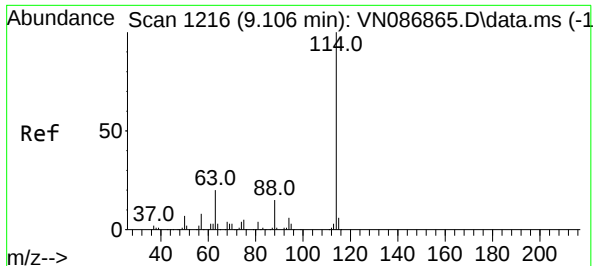
Tgt Ion: 96 Resp: 2363
 Ion Ratio Lower Upper
 96 100
 61 97.5 0.0 278.0
 98 45.9 0.0 128.2



#33
 1,2-Dichloroethane-d4
 Concen: 51.562 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VN087025.D
 Acq: 16 Jun 2025 13:04

Tgt Ion: 65 Resp: 147282
 Ion Ratio Lower Upper
 65 100
 67 54.9 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: VN087025.D

Acq: 16 Jun 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

RW10-MW01S-20250609

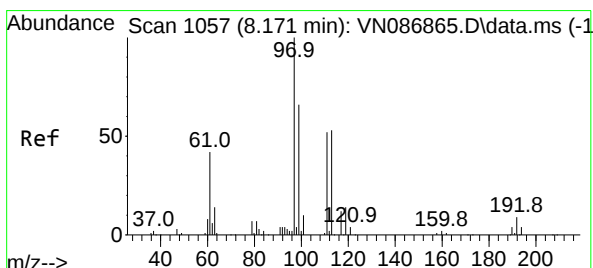
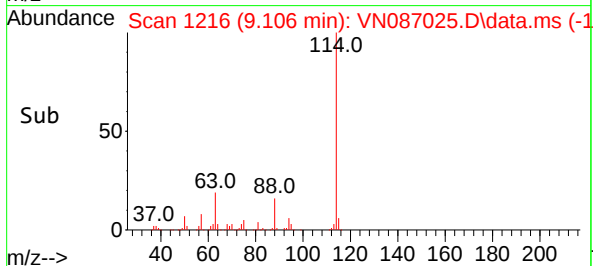
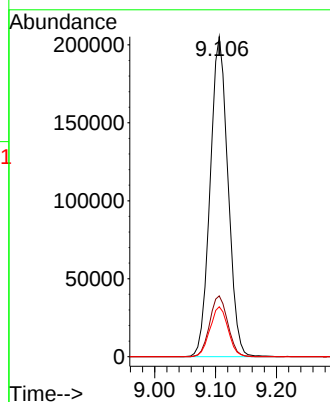
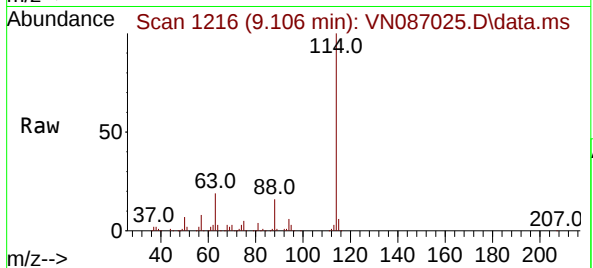
Tgt Ion:114 Resp: 416537

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.463 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087025.D

Acq: 16 Jun 2025 13:04

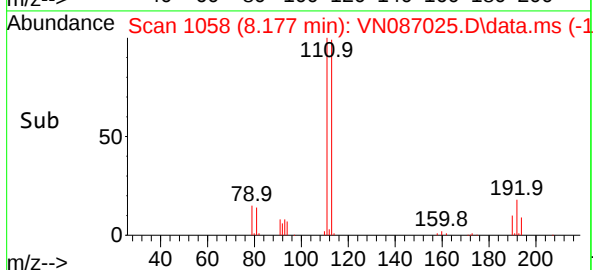
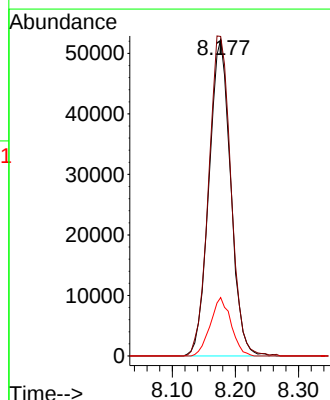
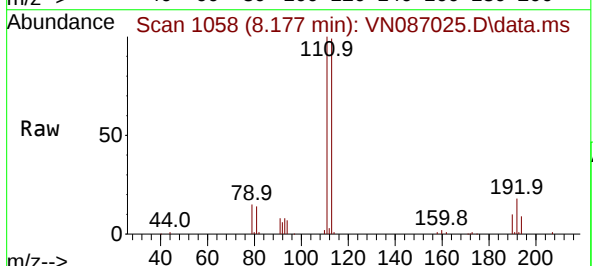
Tgt Ion:113 Resp: 124568

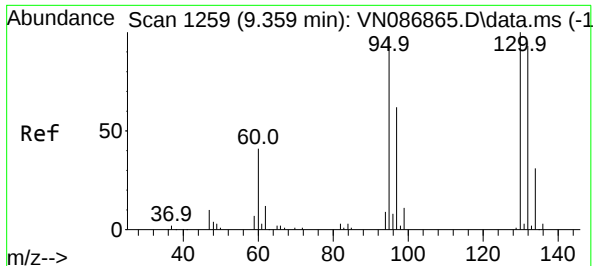
Ion Ratio Lower Upper

113 100

111 103.8 84.2 126.2

192 17.6 14.2 21.4

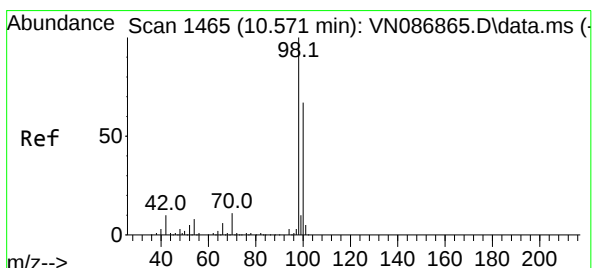
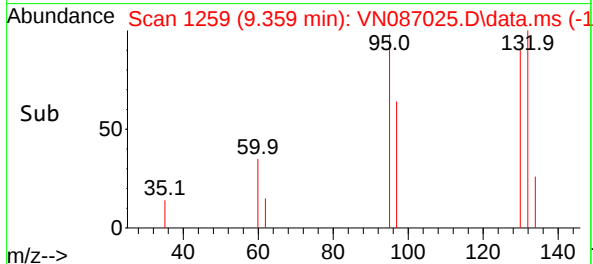
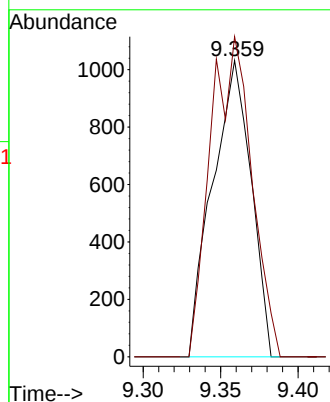
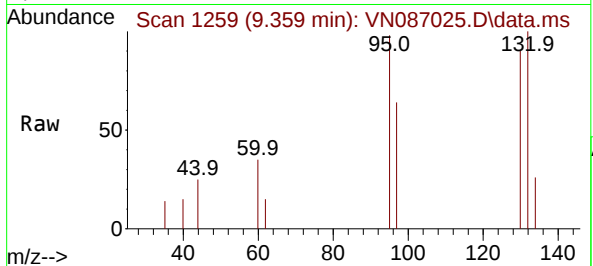




#44
Trichloroethene
Concen: 0.624 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

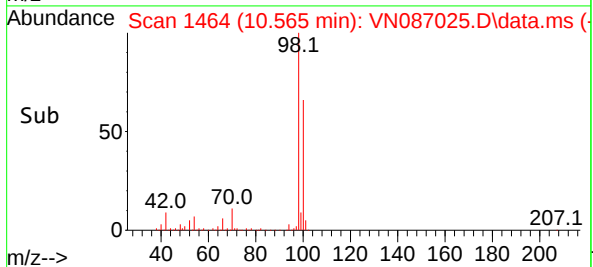
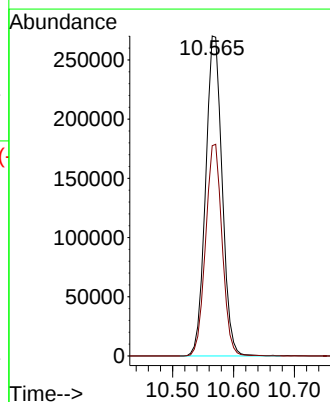
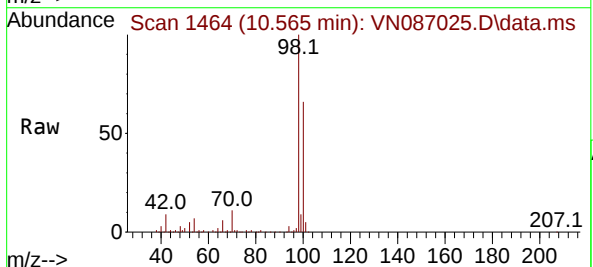
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20250609

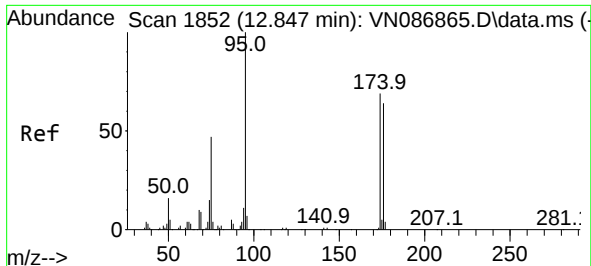
Tgt Ion:130 Resp: 1781
Ion Ratio Lower Upper
130 100
95 108.0 0.0 196.2



#50
Toluene-d8
Concen: 52.106 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Tgt Ion: 98 Resp: 509191
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0

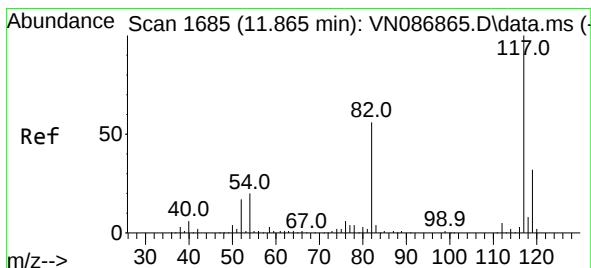
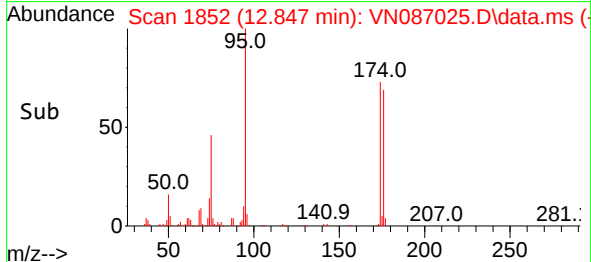
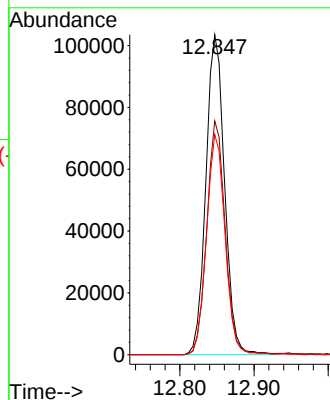
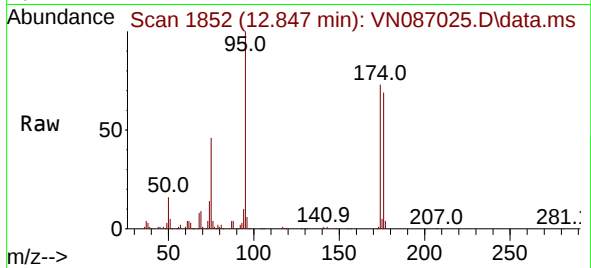




#62
4-Bromofluorobenzene
Concen: 49.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

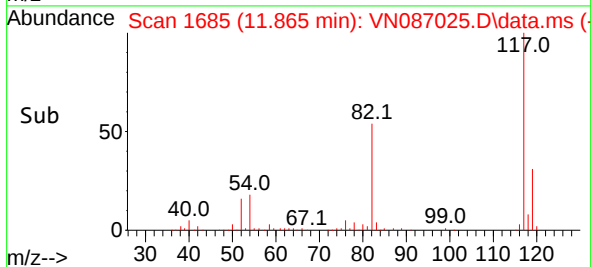
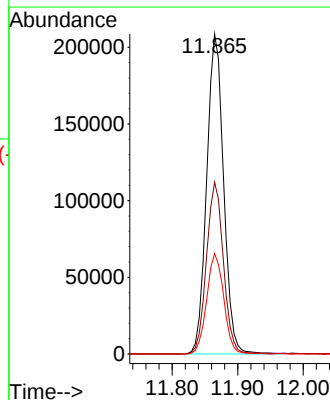
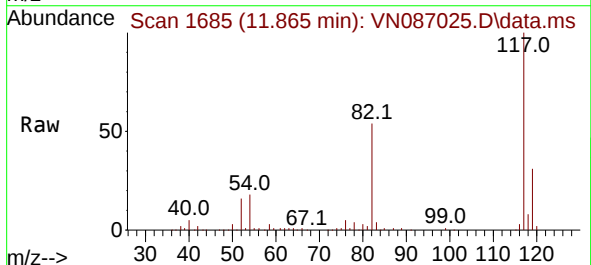
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20250609

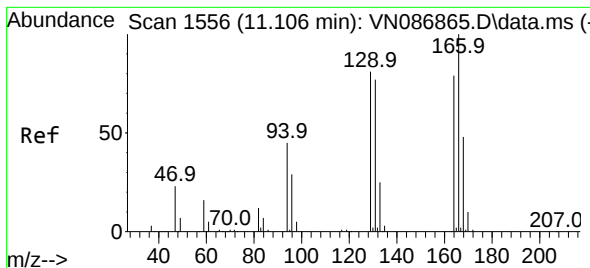
Tgt Ion: 95 Resp: 181353
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.8
176 68.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Tgt Ion: 117 Resp: 374911
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 31.4 25.5 38.3





#64

Tetrachloroethene

Concen: 5.436 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087025.D

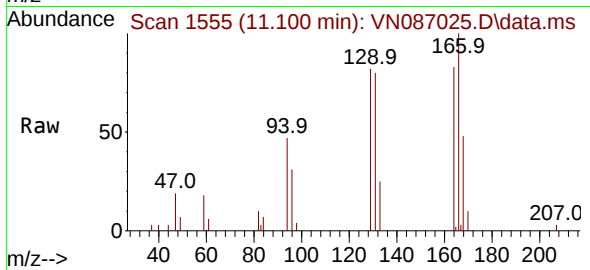
Acq: 16 Jun 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

RW10-MW01S-20250609



Tgt Ion:164 Resp: 12899

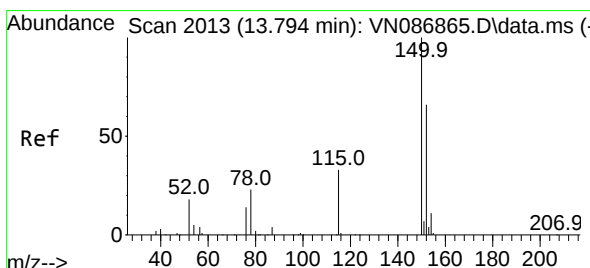
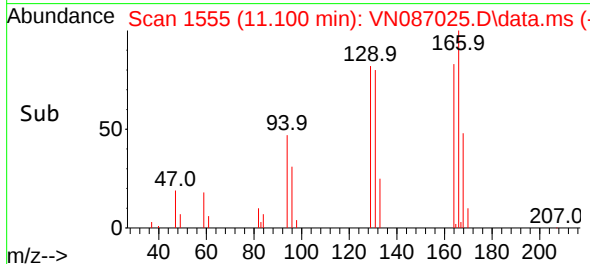
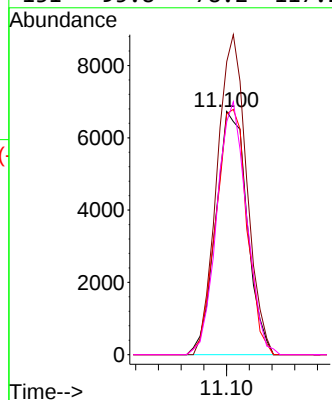
Ion Ratio Lower Upper

164 100

166 120.5 101.8 152.8

129 99.1 83.0 124.4

131 95.8 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: VN087025.D

Acq: 16 Jun 2025 13:04

Tgt Ion:152 Resp: 175863

Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.5

150 157.2 0.0 345.0

