

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086858.D
 Acq On : 03 Jun 2025 21:25
 Operator : JC\MD
 Sample : Q2185-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP02-MHB-WC

Quant Time: Jun 04 02:08:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

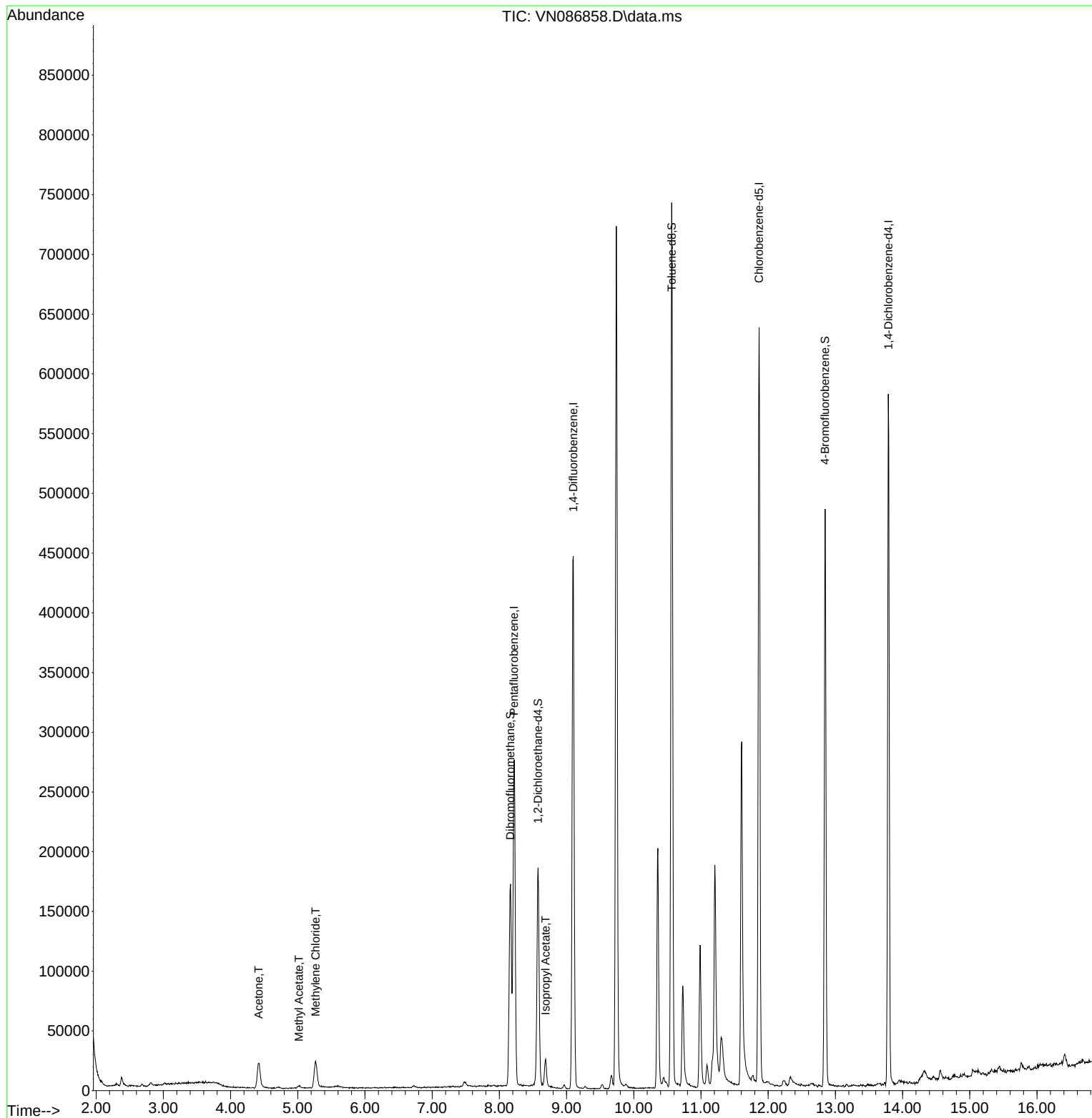
Internal Standards						
1) Pentafluorobenzene	8.218	168	211288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	418442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	389363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149462	51.192	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.380%		
35) Dibromofluoromethane	8.165	113	130422	52.336	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.680%		
50) Toluene-d8	10.565	98	531499	51.467	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.940%		
62) 4-Bromofluorobenzene	12.847	95	187591	51.446	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 102.900%		
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	43409	39.747	ug/l	94
18) Methyl Acetate	5.018	43	4440	1.453	ug/l #	69
20) Methylene Chloride	5.265	84	18086	6.276	ug/l	91
43) Isopropyl Acetate	8.688	43	26104	3.507	ug/l	94

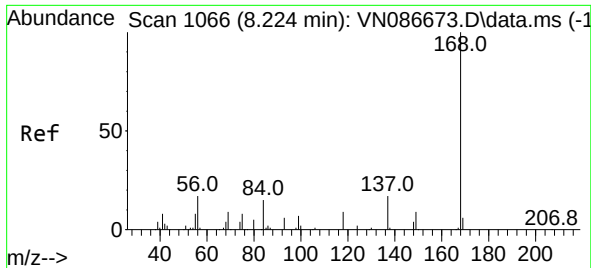
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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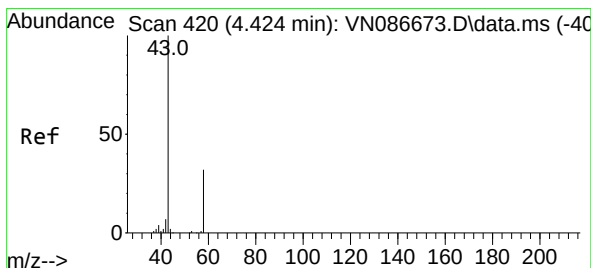
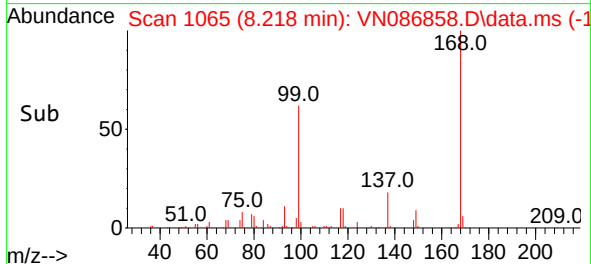
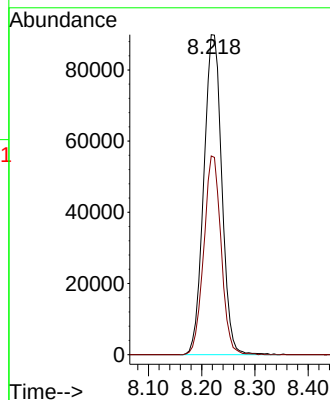
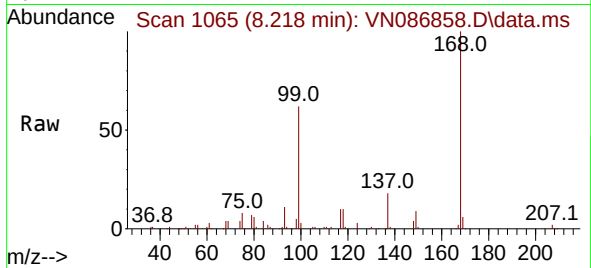




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086858.D
Acq: 03 Jun 2025 21:25

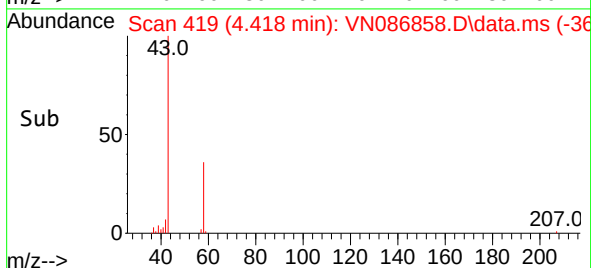
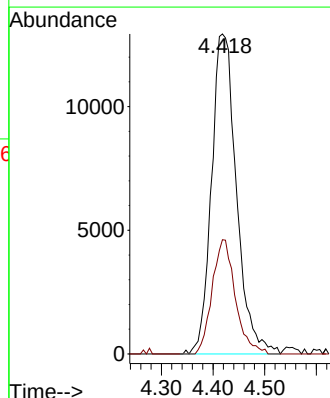
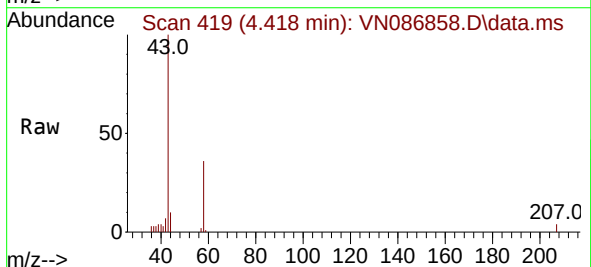
Instrument :
MSVOA_N
ClientSampleId :
TP02-MHB-WC

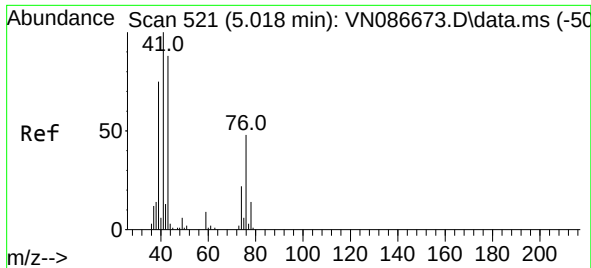
Tgt Ion:168 Resp: 211288
Ion Ratio Lower Upper
168 100
99 62.1 47.0 70.4



#16
Acetone
Concen: 39.747 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086858.D
Acq: 03 Jun 2025 21:25

Tgt Ion: 43 Resp: 43409
Ion Ratio Lower Upper
43 100
58 35.7 25.8 38.6

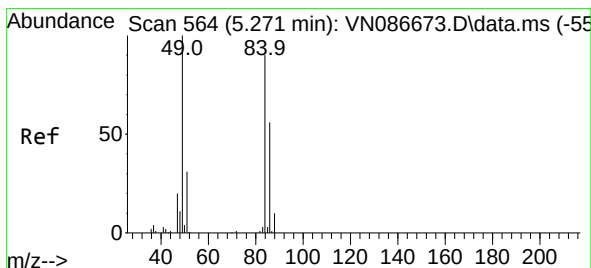
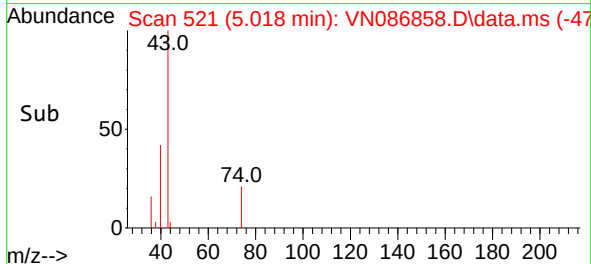
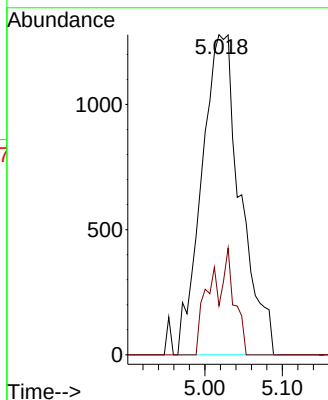
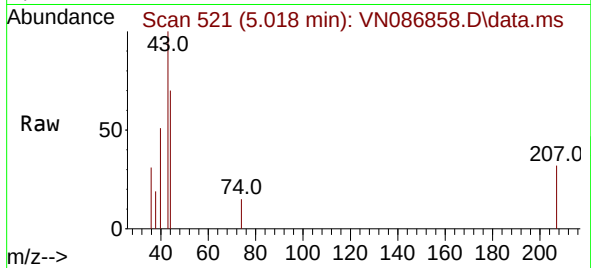




#18
Methyl Acetate
Concen: 1.453 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086858.D
Acq: 03 Jun 2025 21:25

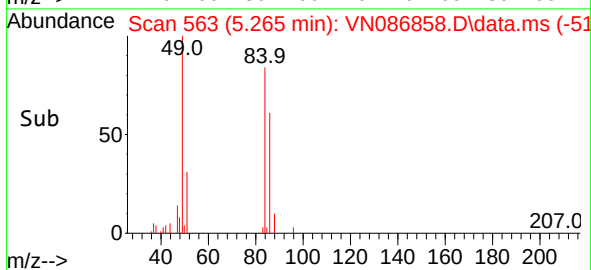
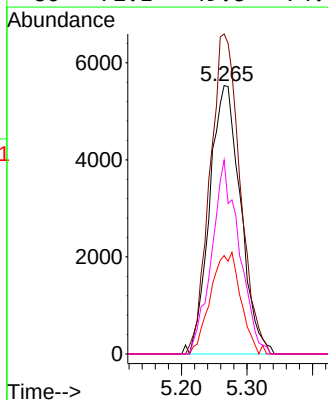
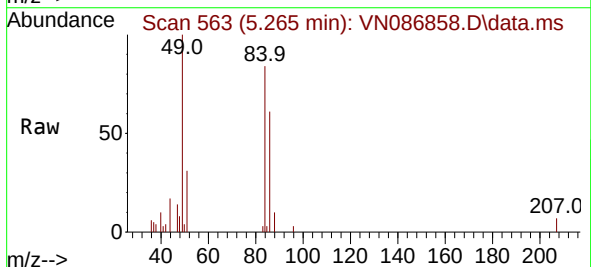
Instrument :
MSVOA_N
ClientSampleId :
TP02-MHB-WC

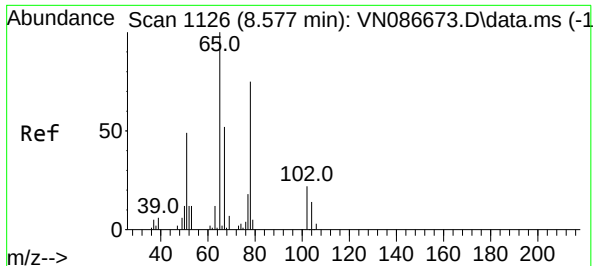
Tgt Ion: 43 Resp: 4440
Ion Ratio Lower Upper
43 100
74 10.0 20.5 30.7#



#20
Methylene Chloride
Concen: 6.276 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086858.D
Acq: 03 Jun 2025 21:25

Tgt Ion: 84 Resp: 18086
Ion Ratio Lower Upper
84 100
49 119.2 88.8 133.2
51 36.6 27.8 41.6
86 72.1 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 51.192 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086858.D

Acq: 03 Jun 2025 21:25

Instrument :

MSVOA_N

ClientSampleId :

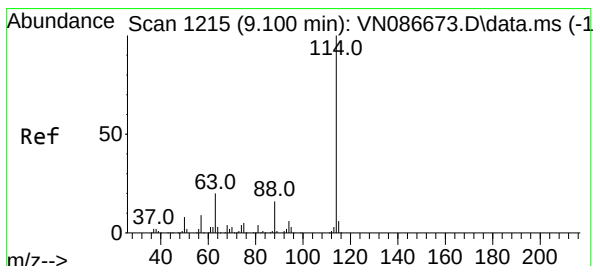
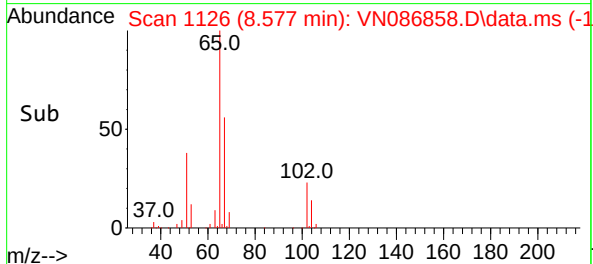
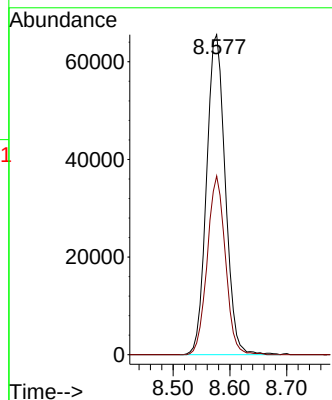
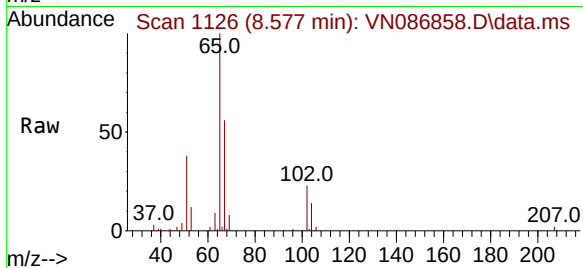
TP02-MHB-WC

Tgt Ion: 65 Resp: 149462

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086858.D

Acq: 03 Jun 2025 21:25

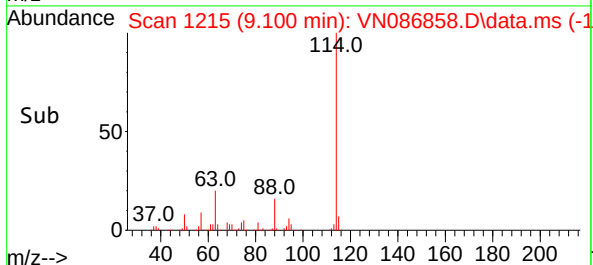
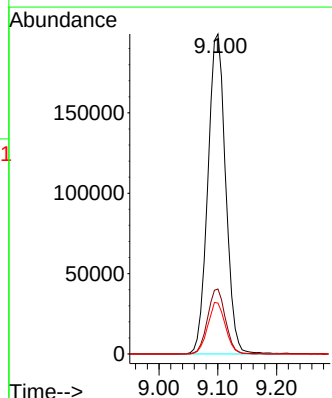
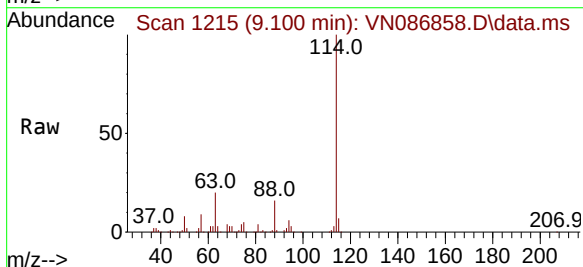
Tgt Ion: 114 Resp: 418442

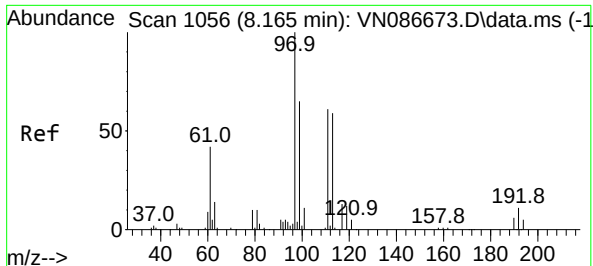
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 15.9 0.0 31.2

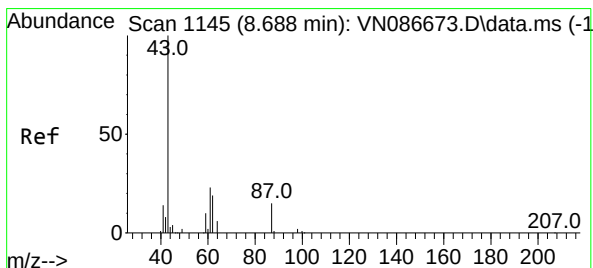
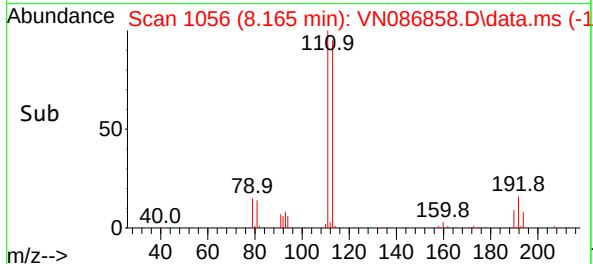
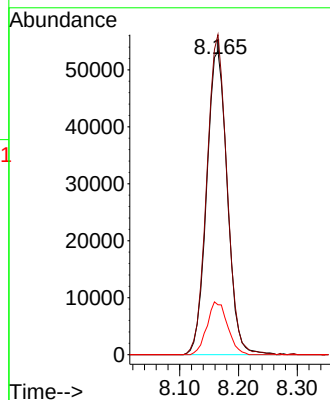
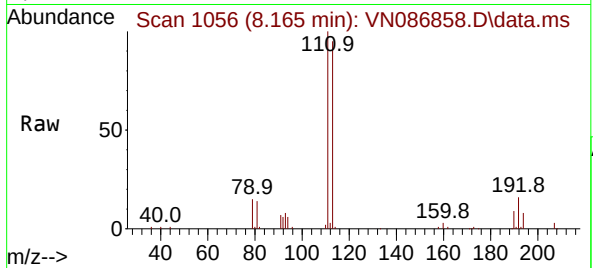




#35
Dibromofluoromethane
Concen: 52.336 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN086858.D
Acq: 03 Jun 2025 21:25

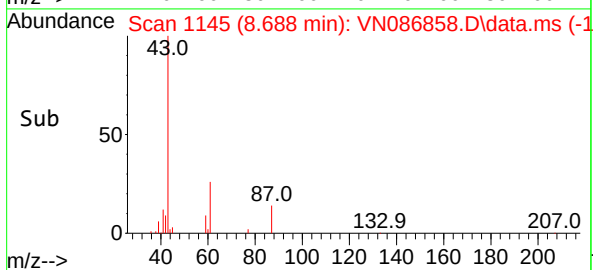
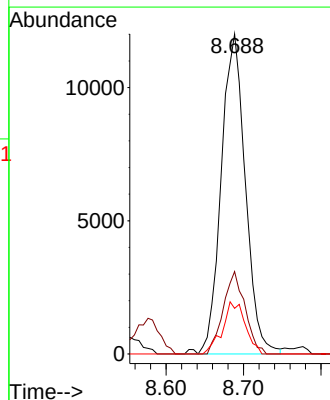
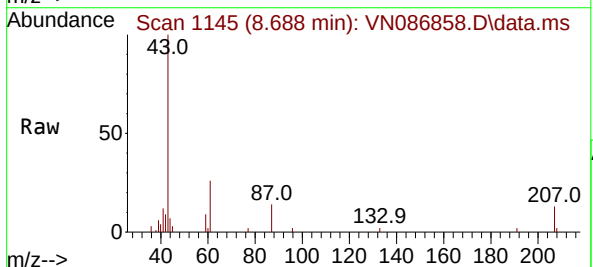
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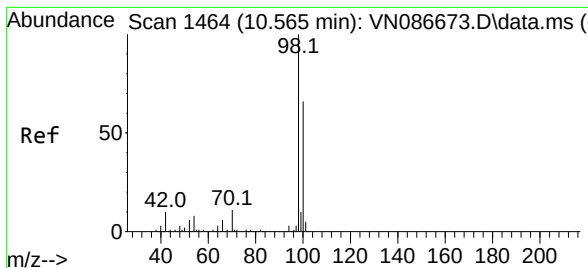
Tgt Ion:113 Resp: 130422
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 17.3 13.8 20.8



#43
Isopropyl Acetate
Concen: 3.507 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086858.D
Acq: 03 Jun 2025 21:25

Tgt Ion: 43 Resp: 26104
Ion Ratio Lower Upper
43 100
61 23.2 21.4 32.2
87 15.3 11.1 16.7

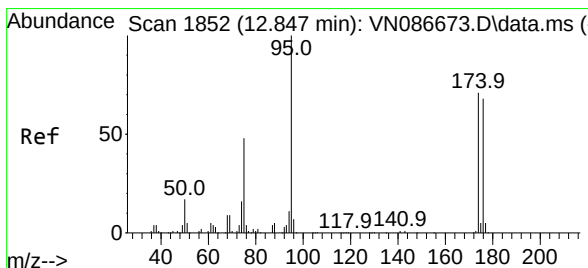
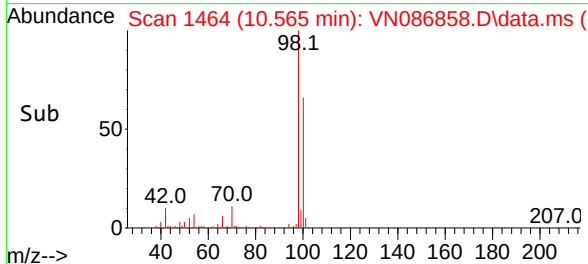
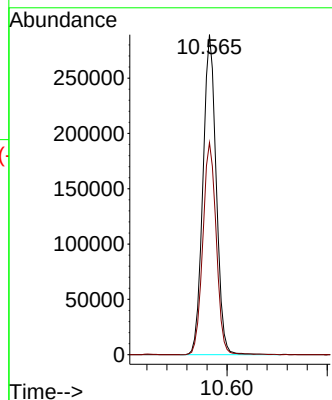
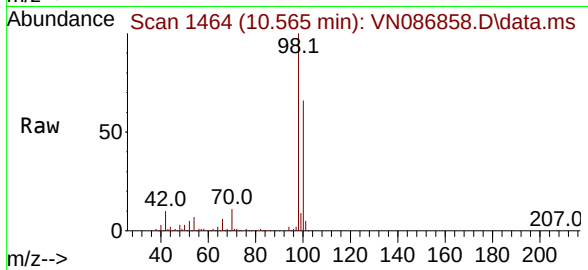




#50
Toluene-d8
Concen: 51.467 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086858.D
Acq: 03 Jun 2025 21:25

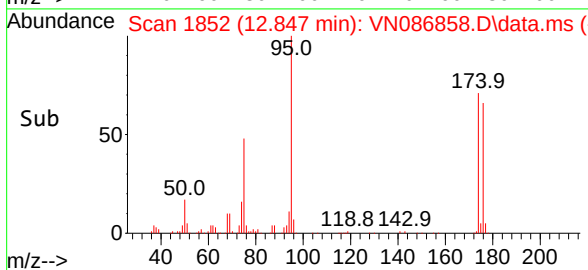
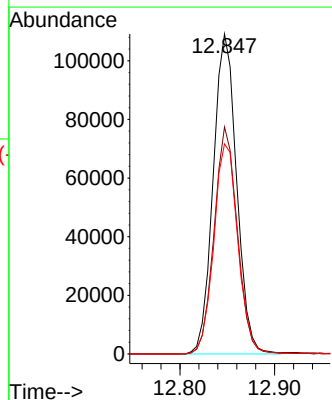
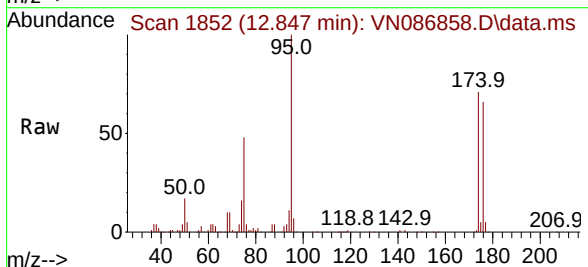
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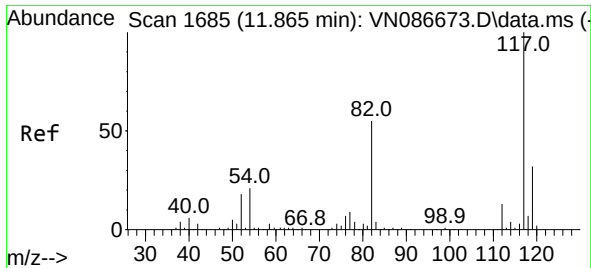
Tgt Ion: 98 Resp: 531499
Ion Ratio Lower Upper
98 100
100 66.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.446 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086858.D
Acq: 03 Jun 2025 21:25

Tgt Ion: 95 Resp: 187591
Ion Ratio Lower Upper
95 100
174 70.4 0.0 145.4
176 67.5 0.0 137.8

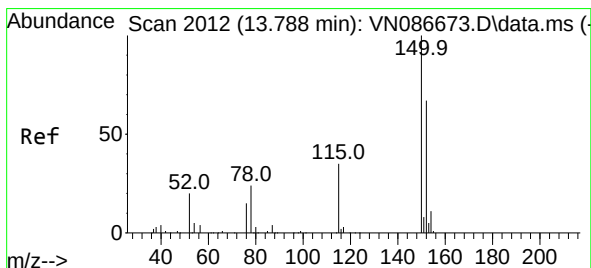
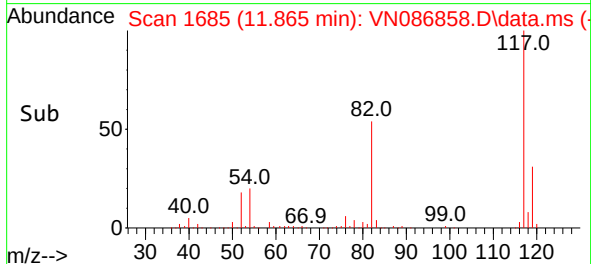
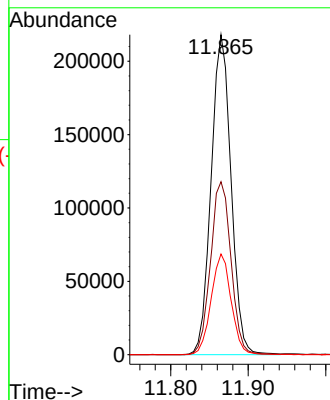
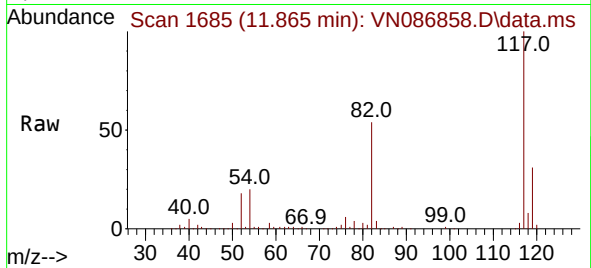




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086858.D
Acq: 03 Jun 2025 21:25

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Tgt Ion:117 Resp: 389363
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086858.D
Acq: 03 Jun 2025 21:25

Tgt Ion:152 Resp: 164227
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.1
150 158.2 0.0 347.8

