

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086894.D
 Acq On : 09 Jun 2025 11:12
 Operator : JC\MD
 Sample : Q2254-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-GW-810-812

Quant Time: Jun 09 13:27:55 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)

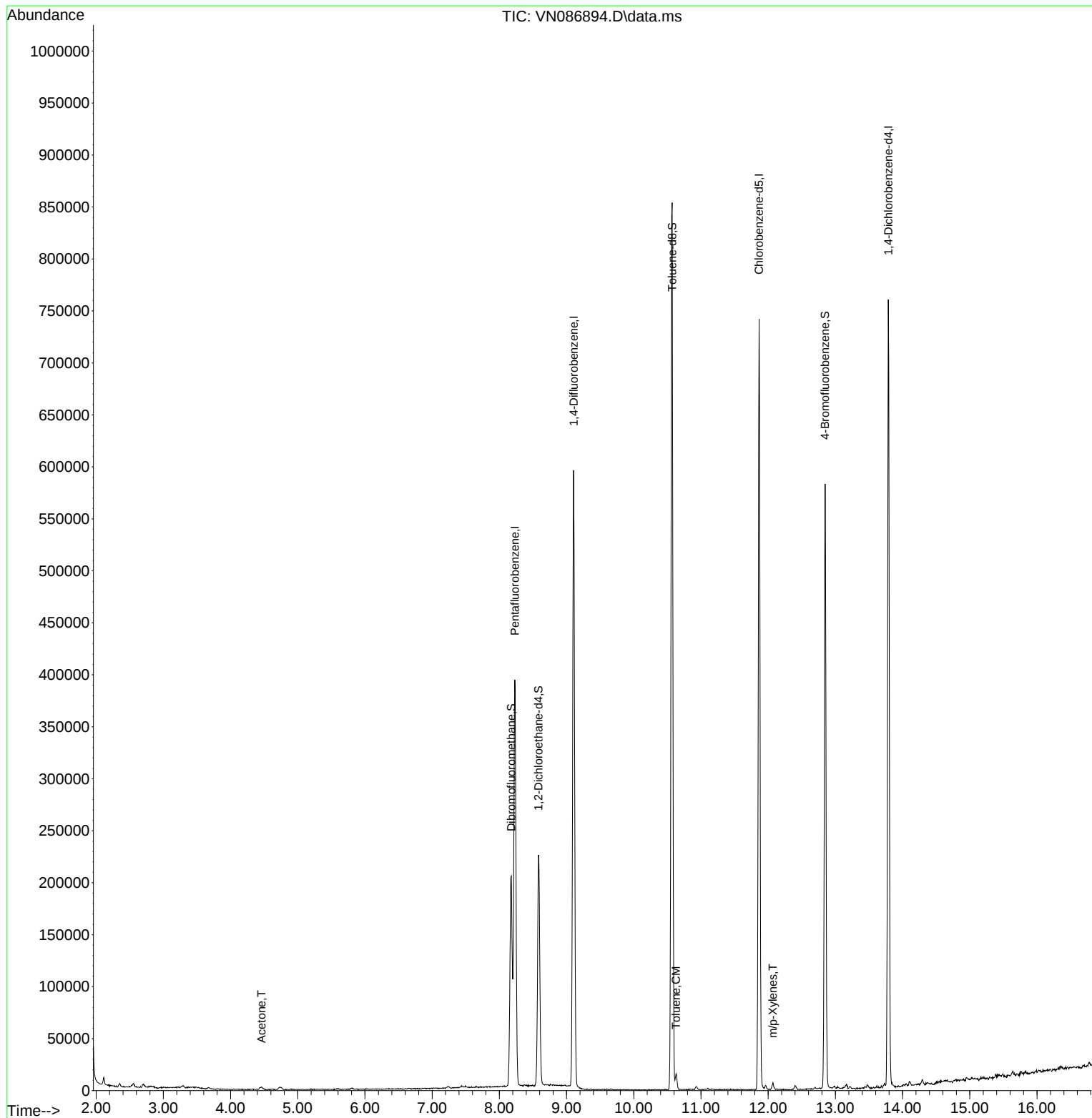
Internal Standards						
1) Pentafluorobenzene	8.229	168	313915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	462153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	222690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	179677	42.750	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.500%		
35) Dibromofluoromethane	8.177	113	157362	48.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	10.571	98	644850	49.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.980%		
62) 4-Bromofluorobenzene	12.847	95	229953	47.983	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.960%		
Target Compounds					Qvalue	
16) Acetone	4.459	43	4943	2.218	ug/l	96
52) Toluene	10.629	92	7042	0.726	ug/l	93
68) m/p-Xylenes	12.070	106	2159	0.321	ug/l	89

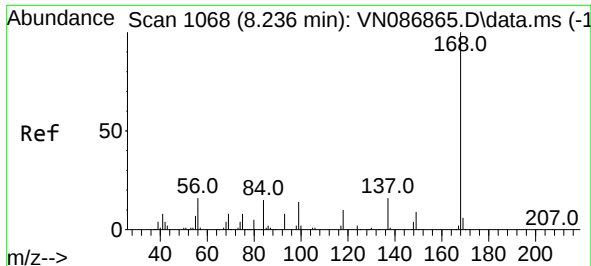
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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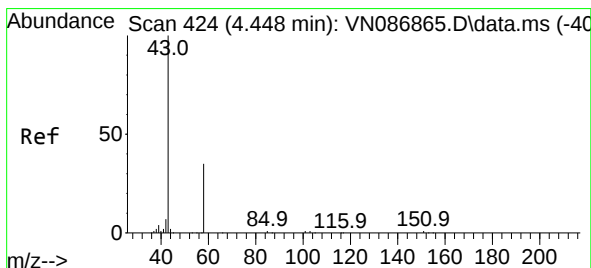
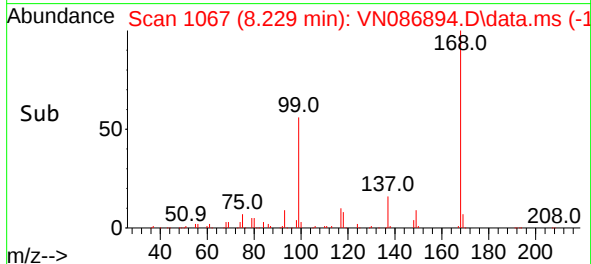
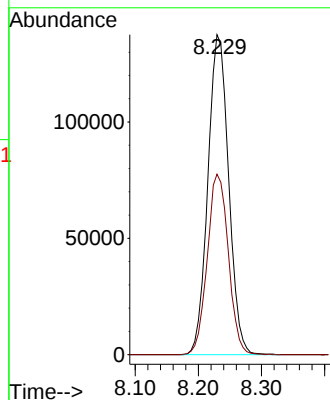
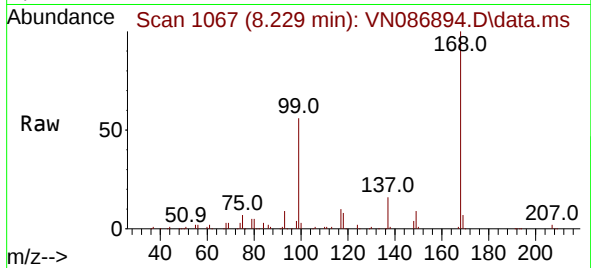




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN086894.D
Acq: 09 Jun 2025 11:12

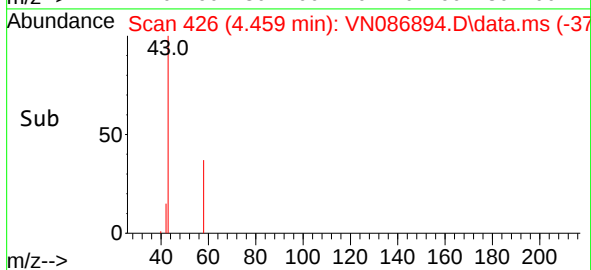
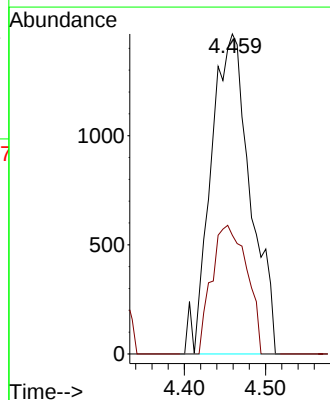
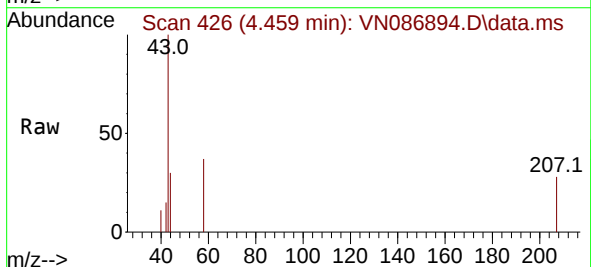
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-810-812

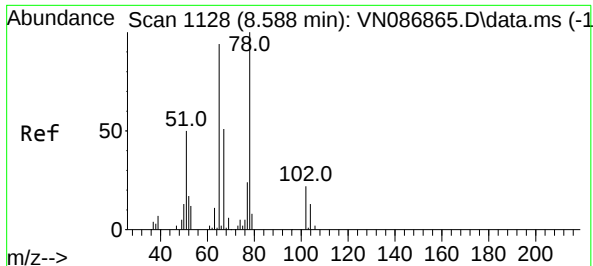
Tgt Ion:168 Resp: 313915
Ion Ratio Lower Upper
168 100
99 56.4 49.1 73.7



#16
Acetone
Concen: 2.218 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086894.D
Acq: 09 Jun 2025 11:12

Tgt Ion: 43 Resp: 4943
Ion Ratio Lower Upper
43 100
58 37.1 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 42.750 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN086894.D

Acq: 09 Jun 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

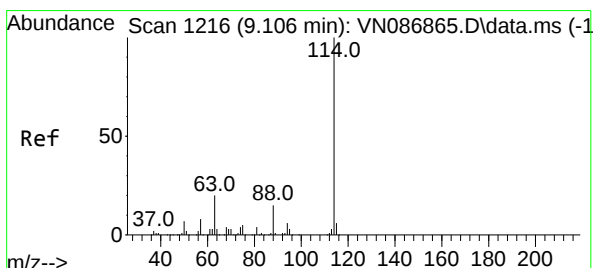
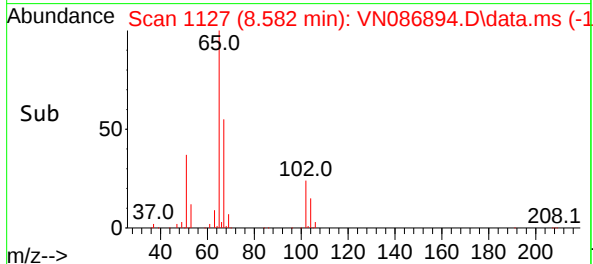
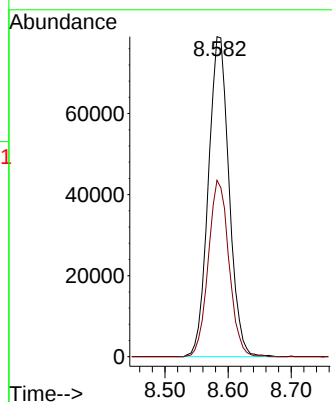
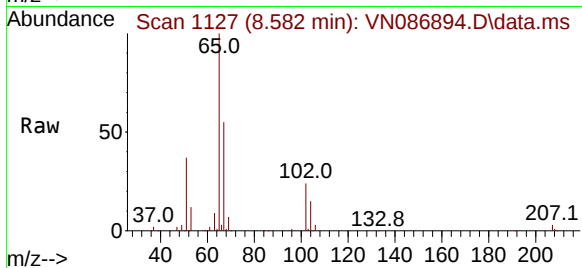
BP-VPB-182-GW-810-812

Tgt Ion: 65 Resp: 179677

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# 1216

Delta R.T. -0.000 min

Lab File: VN086894.D

Acq: 09 Jun 2025 11:12

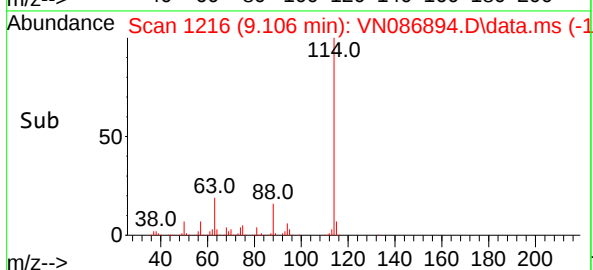
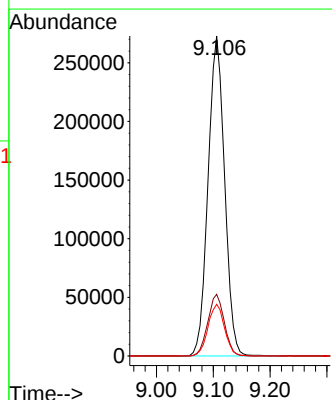
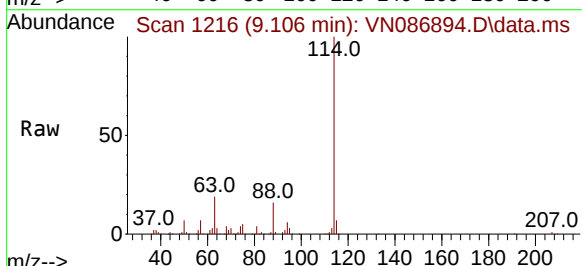
Tgt Ion: 114 Resp: 549826

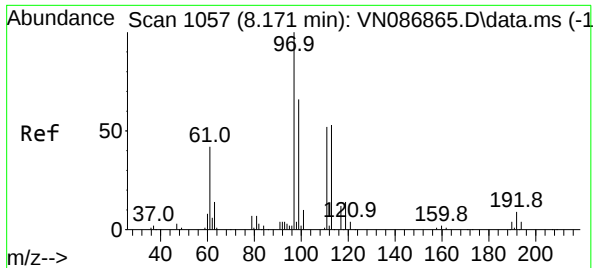
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 16.2 0.0 30.2

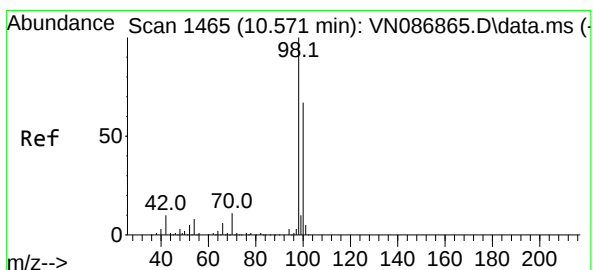
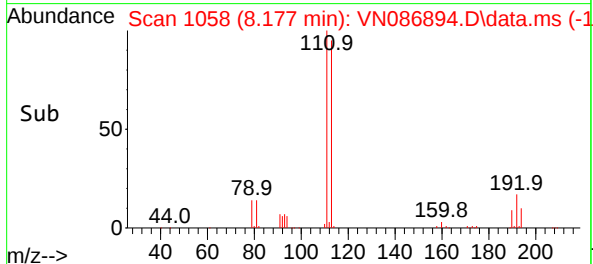
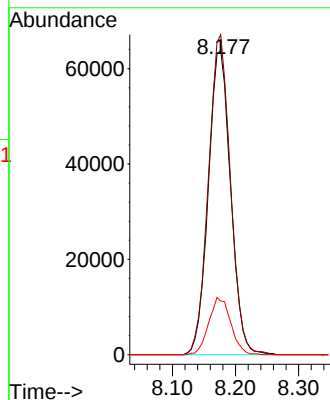
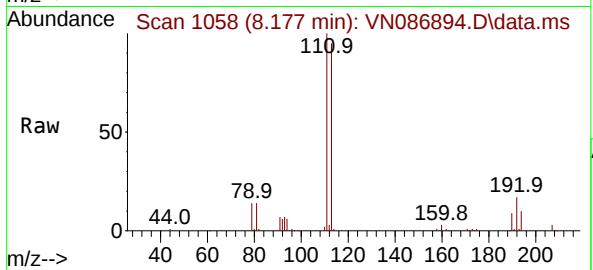




#35
Dibromofluoromethane
Concen: 48.294 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086894.D
Acq: 09 Jun 2025 11:12

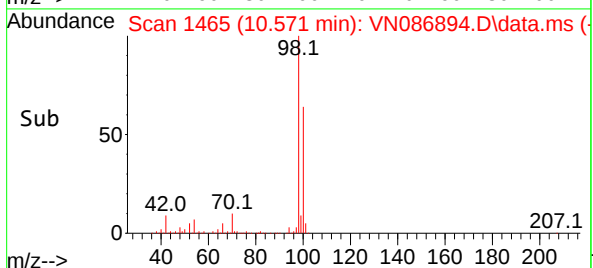
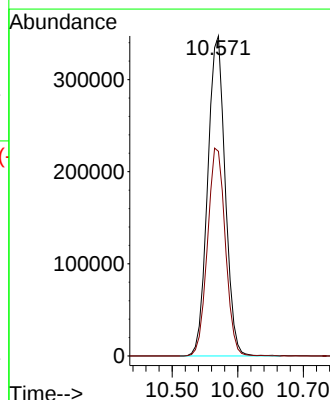
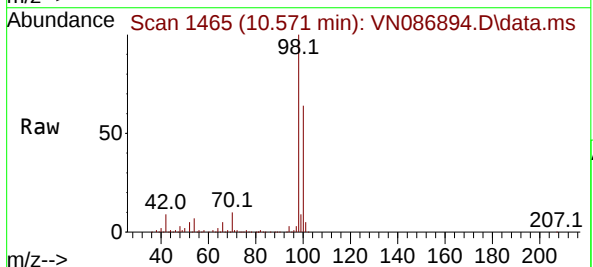
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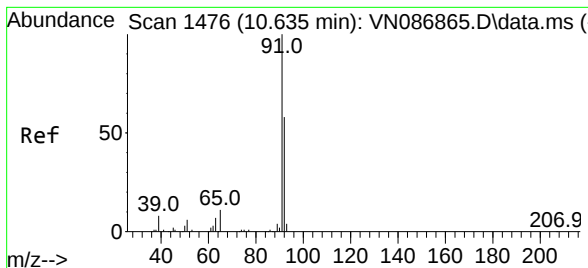
Tgt Ion:113 Resp: 157362
Ion Ratio Lower Upper
113 100
111 103.3 84.2 126.2
192 18.4 14.2 21.4



#50
Toluene-d8
Concen: 49.992 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086894.D
Acq: 09 Jun 2025 11:12

Tgt Ion: 98 Resp: 644850
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0





#52

Toluene

Concen: 0.726 ug/l

RT: 10.629 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VN086894.D

Acq: 09 Jun 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

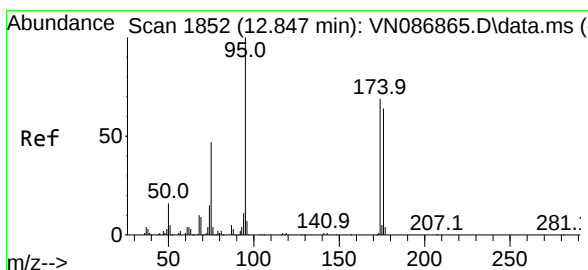
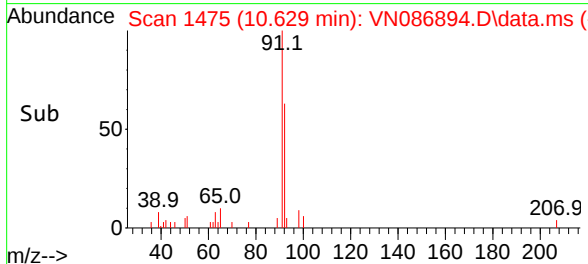
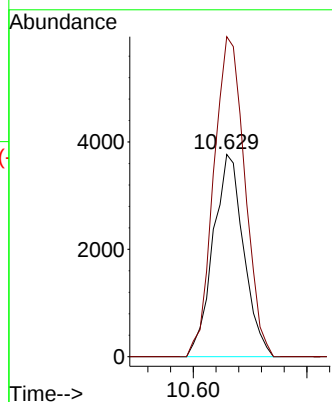
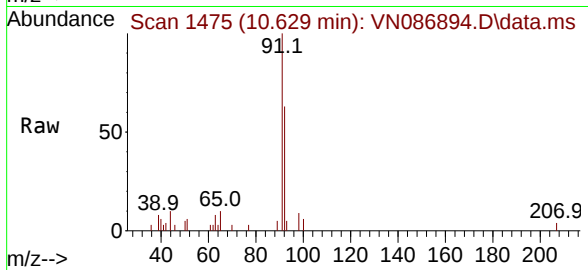
BP-VPB-182-GW-810-812

Tgt Ion: 92 Resp: 7042

Ion Ratio Lower Upper

92 100

91 160.9 136.5 204.7



#62

4-Bromofluorobenzene

Concen: 47.983 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086894.D

Acq: 09 Jun 2025 11:12

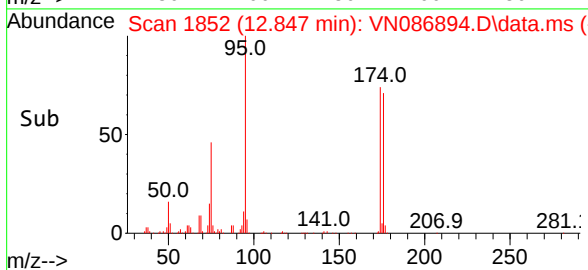
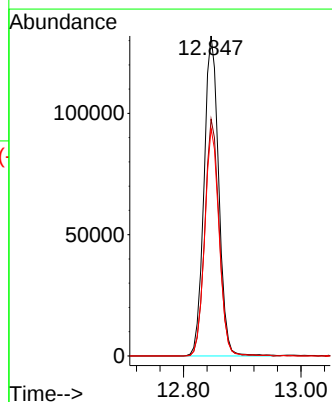
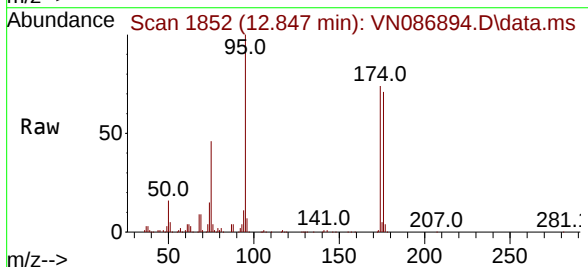
Tgt Ion: 95 Resp: 229953

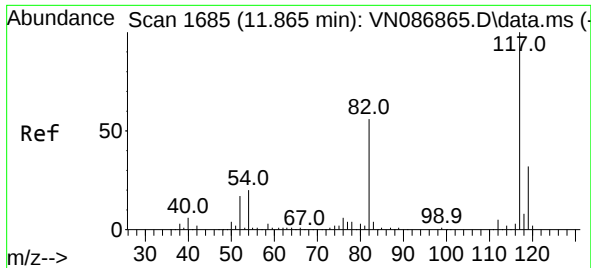
Ion Ratio Lower Upper

95 100

174 72.2 0.0 141.8

176 69.7 0.0 132.6

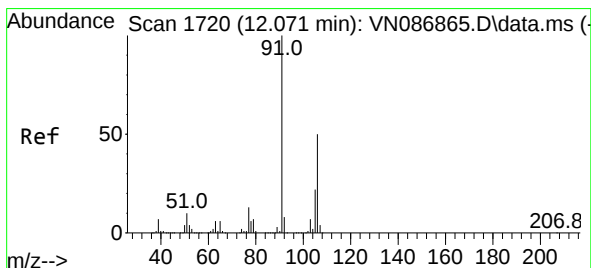
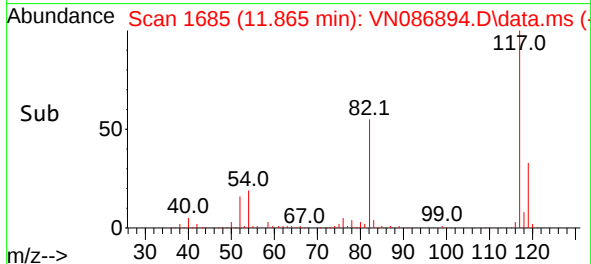
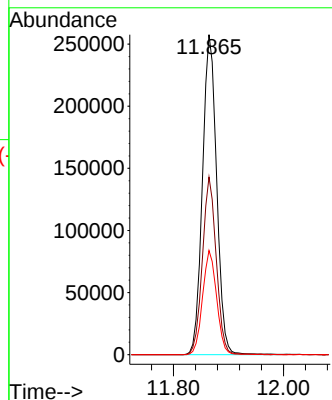
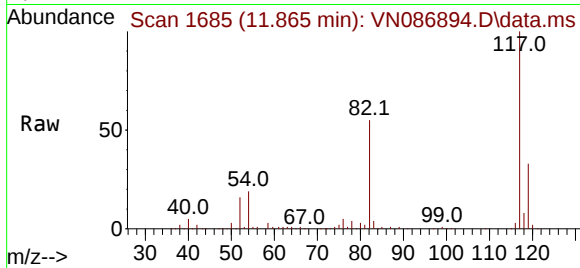




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086894.D
Acq: 09 Jun 2025 11:12

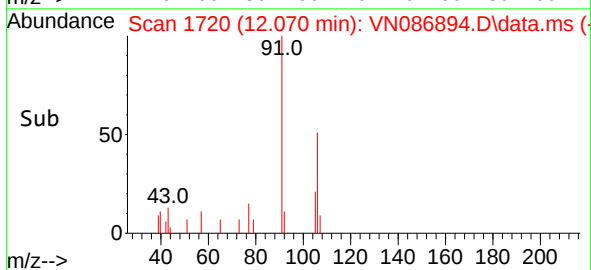
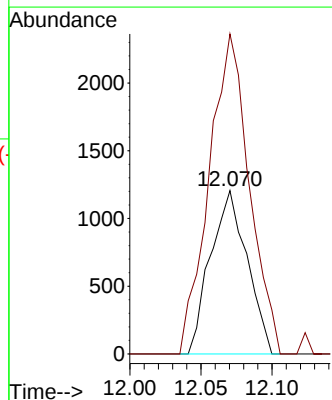
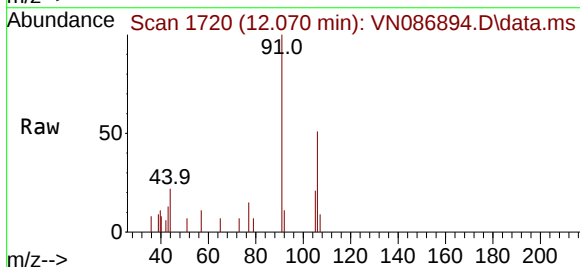
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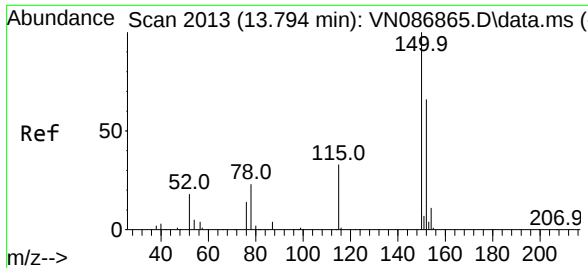
Tgt Ion:117 Resp: 462153
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 32.5 25.5 38.3



#68
m/p-Xylenes
Concen: 0.321 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086894.D
Acq: 09 Jun 2025 11:12

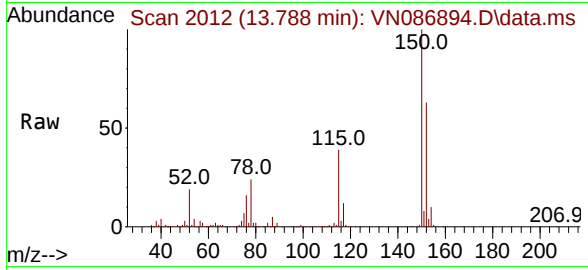
Tgt Ion:106 Resp: 2159
Ion Ratio Lower Upper
106 100
91 216.0 159.4 239.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086894.D
 Acq: 09 Jun 2025 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-GW-810-812



Tgt Ion:152 Resp: 222690
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.1 90.5
 150 159.6 0.0 345.0

