

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086964.D
 Acq On : 11 Jun 2025 21:01
 Operator : JC\MD
 Sample : Q2263-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01S-20250606

Quant Time: Jun 12 01:47:39 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)

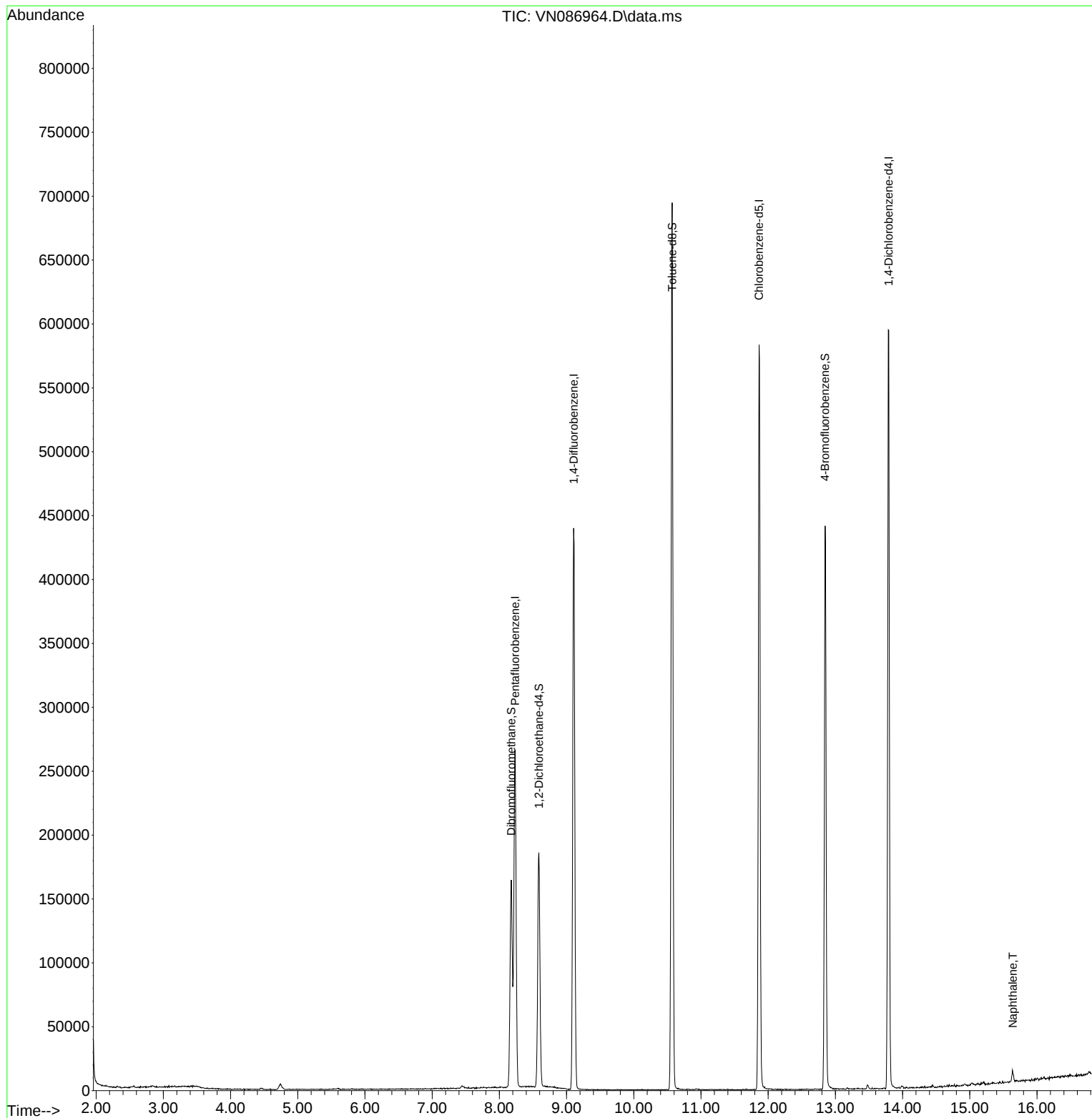
Internal Standards						
1) Pentafluorobenzene	8.235	168	212082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	417259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	152843	53.827	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.660%		
35) Dibromofluoromethane	8.177	113	126870	51.307	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.620%		
50) Toluene-d8	10.571	98	506520	51.743	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.480%		
62) 4-Bromofluorobenzene	12.847	95	181778	49.981	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.960%		
Target Compounds						
95) Naphthalene	15.641	128	8833	0.675	ug/l	Qvalue 99

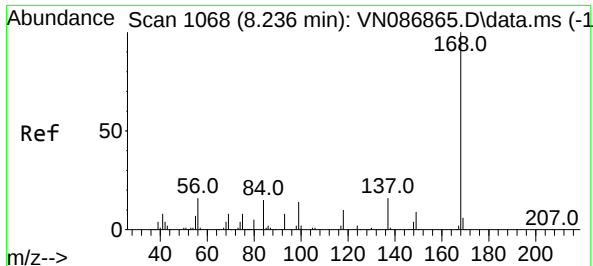
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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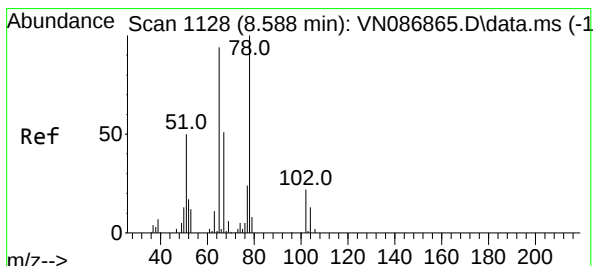
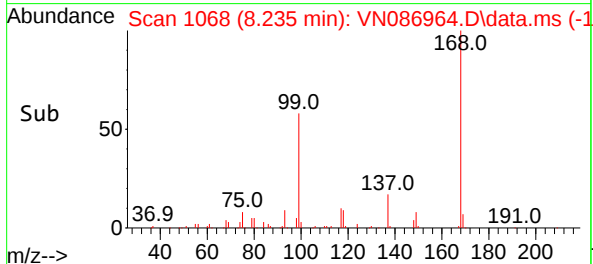
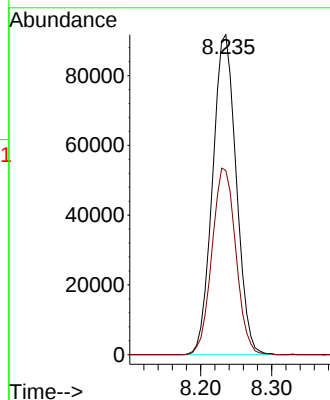
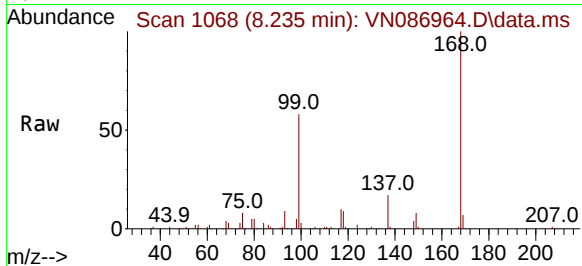




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1106
Delta R.T. -0.001 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

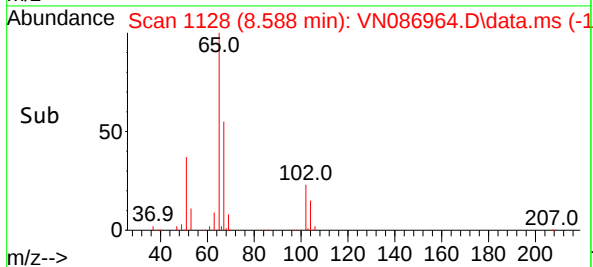
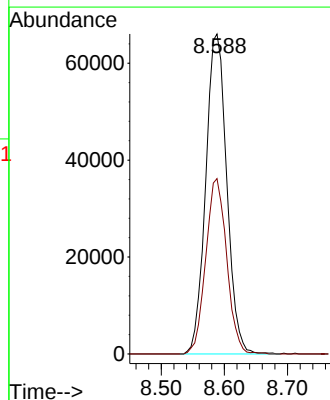
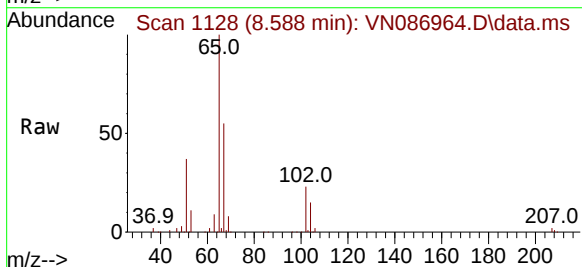
Instrument :
MSVOA_N
ClientSampleId :
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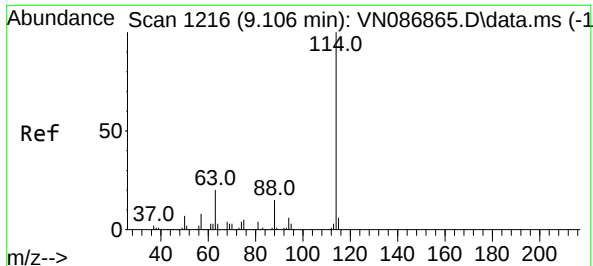
Tgt Ion:168 Resp: 212082
Ion Ratio Lower Upper
168 100
99 57.6 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 53.827 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion: 65 Resp: 152843
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.6

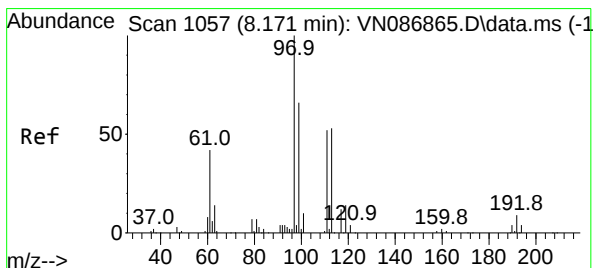
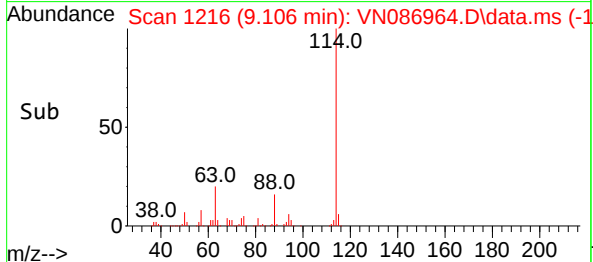
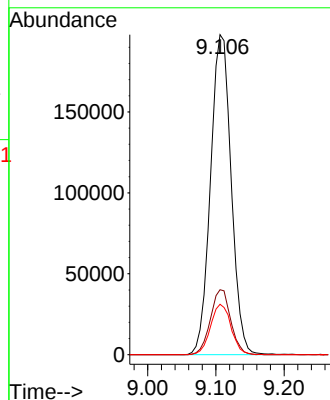
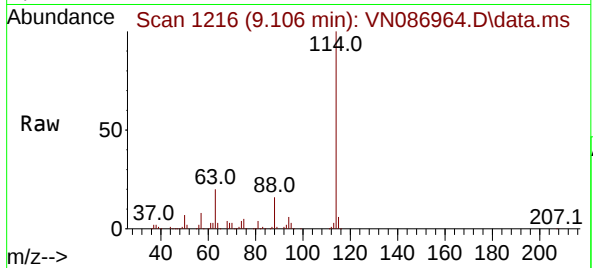




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

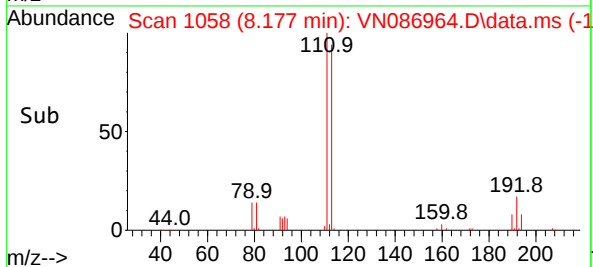
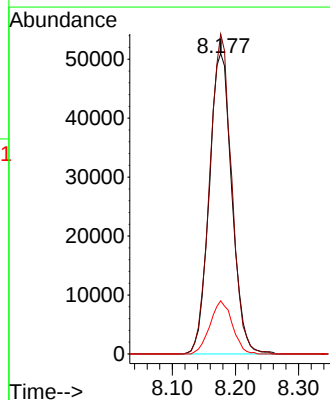
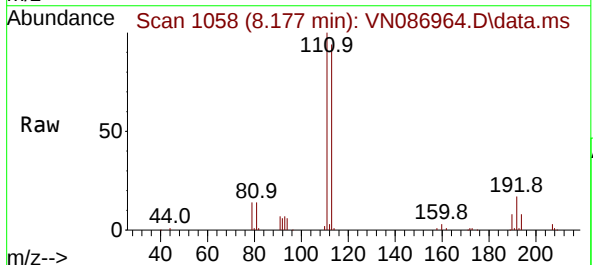
Instrument :
MSVOA_N
ClientSampleId :
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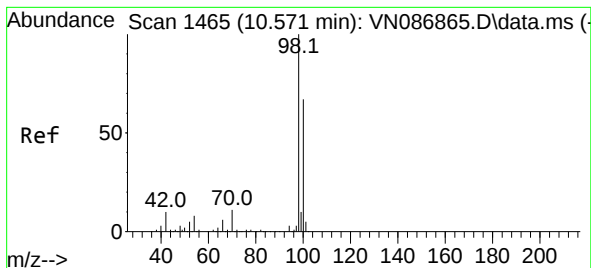
Tgt Ion:114 Resp: 417259
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.6
88 15.8 0.0 30.2



#35
Dibromofluoromethane
Concen: 51.307 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion:113 Resp: 126870
Ion Ratio Lower Upper
113 100
111 102.8 84.2 126.2
192 17.4 14.2 21.4

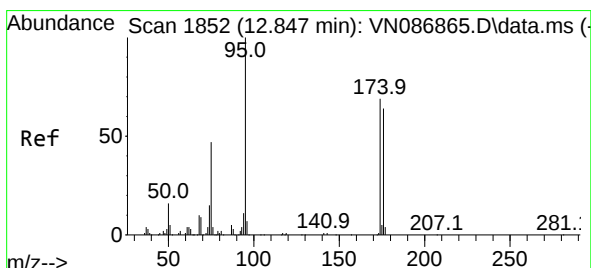
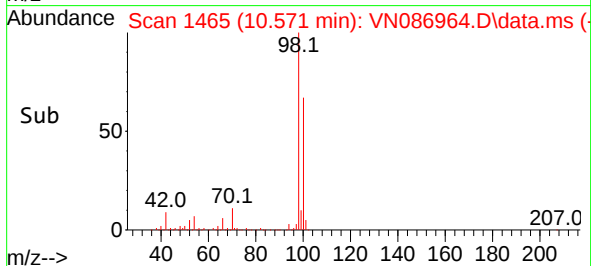
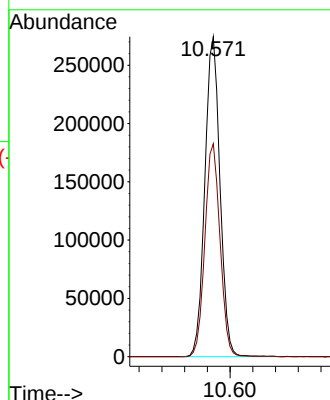
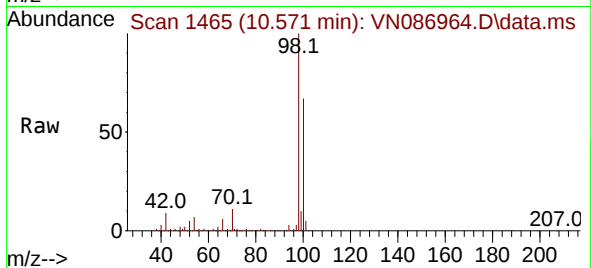




#50
Toluene-d8
Concen: 51.743 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

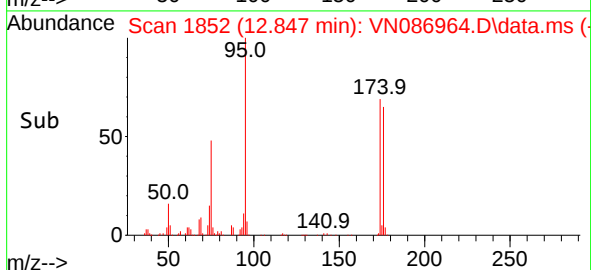
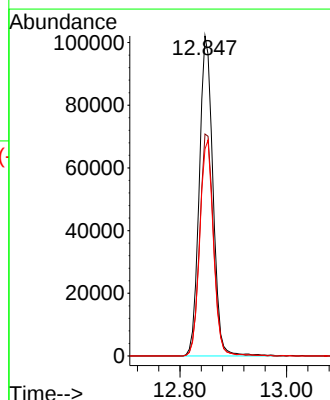
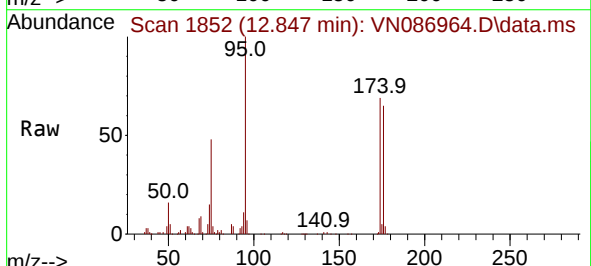
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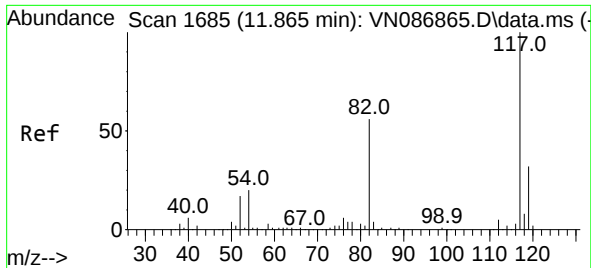
Tgt Ion: 98 Resp: 506520
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.981 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion: 95 Resp: 181778
Ion Ratio Lower Upper
95 100
174 70.3 0.0 141.8
176 67.5 0.0 132.6

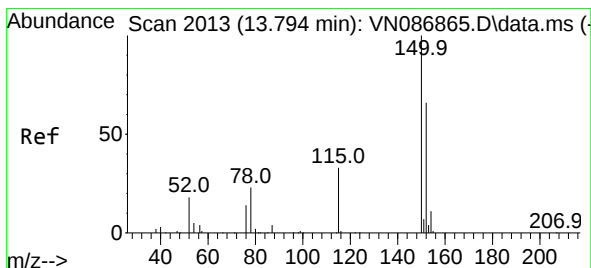
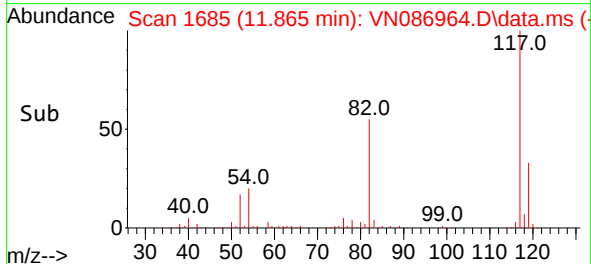
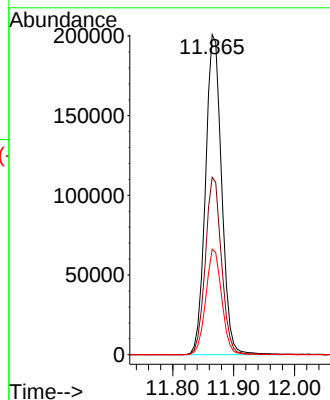
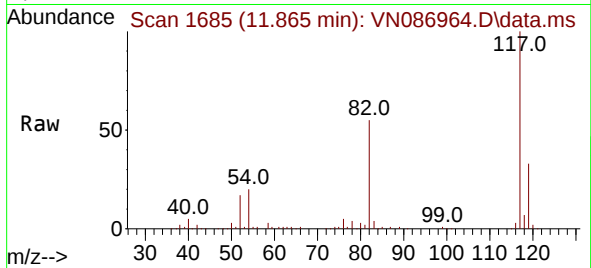




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

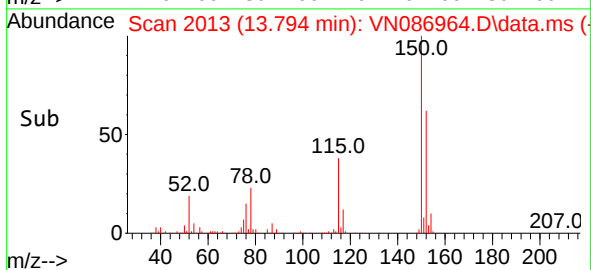
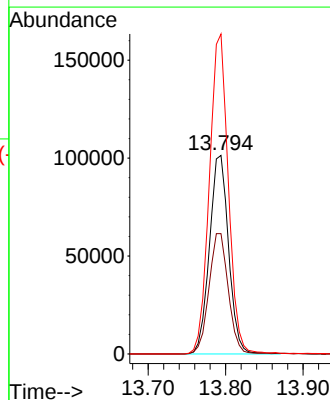
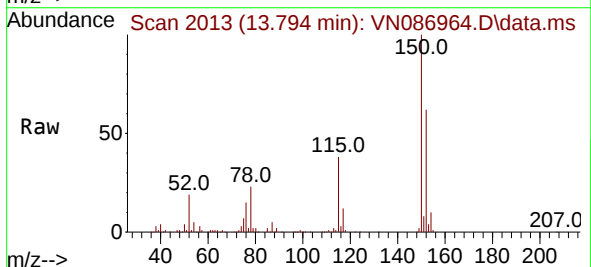
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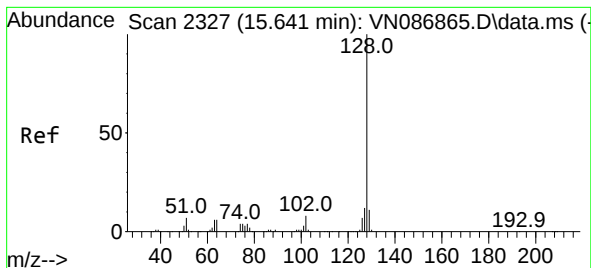
Tgt Ion:117 Resp: 370384
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086964.D
Acq: 11 Jun 2025 21:01

Tgt Ion:152 Resp: 174250
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.5
150 159.1 0.0 345.0





#95

Naphthalene

Concen: 0.675 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086964.D

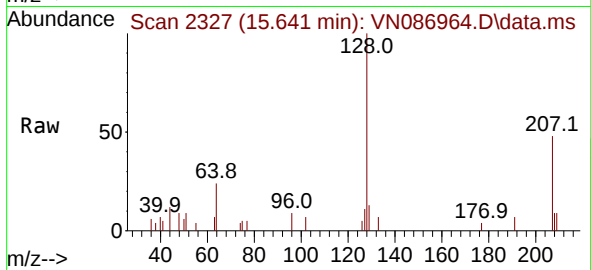
Acq: 11 Jun 2025 21:01

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01S-20250606



Tgt Ion:128 Resp: 8833

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.2

129 10.7 8.8 13.2

