

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086950.D
 Acq On : 11 Jun 2025 15:50
 Operator : JC\MD
 Sample : Q2189-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7-20250602

Quant Time: Jun 12 01:34:39 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)

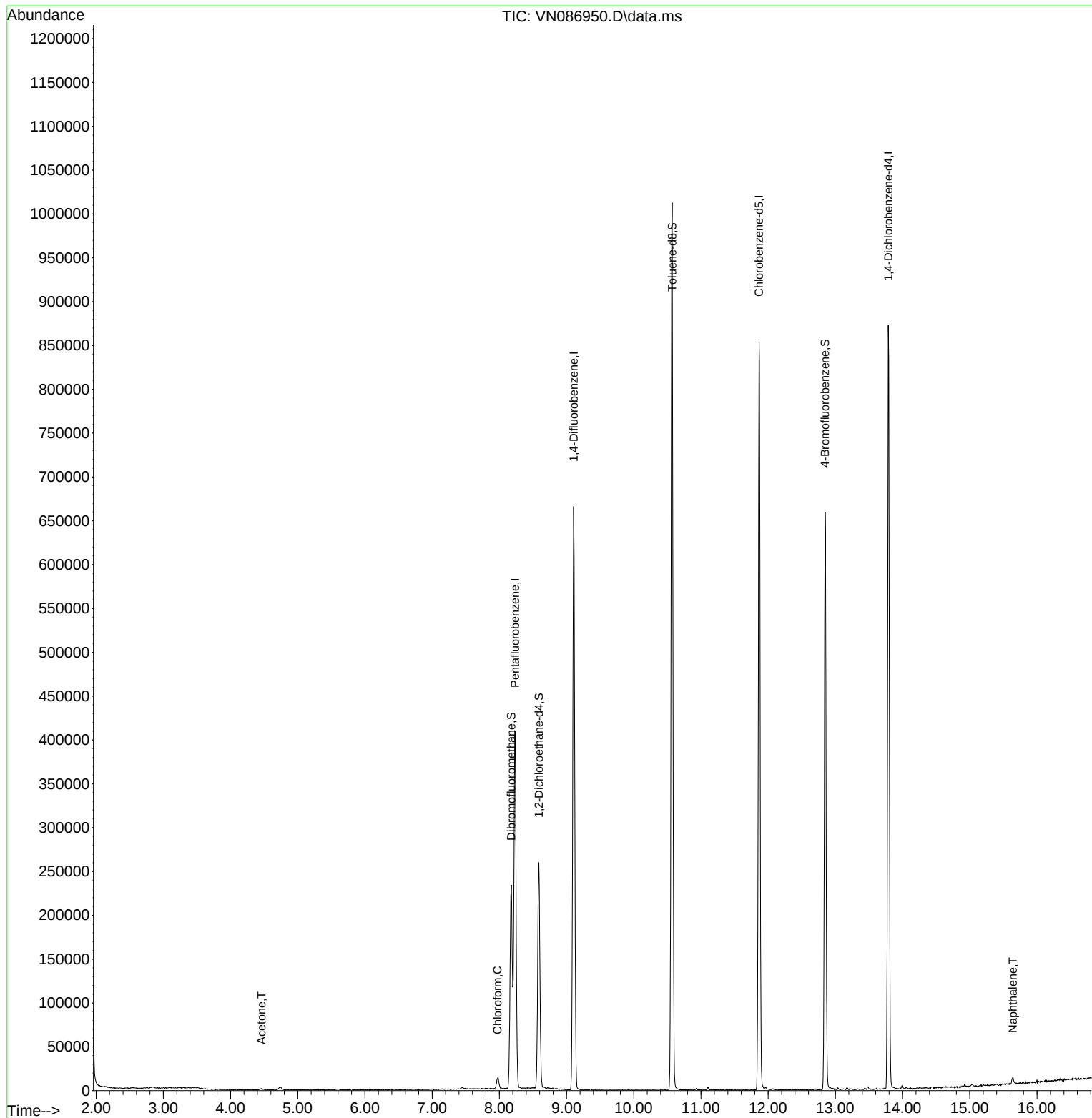
Internal Standards						
1) Pentafluorobenzene	8.235	168	324602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	609433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	539592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	257717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	212712	48.944	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.880%
35) Dibromofluoromethane	8.177	113	178011	49.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.580%
50) Toluene-d8	10.570	98	746257	52.195	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.847	95	262926	49.497	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.000%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	2809	1.219	ug/l	90
30) Chloroform	7.971	83	13116	1.807	ug/l	99
95) Naphthalene	15.641	128	8405	0.434	ug/l	99

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

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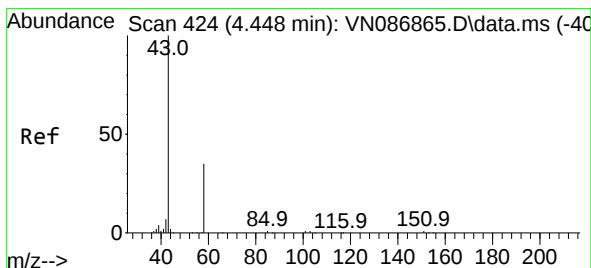
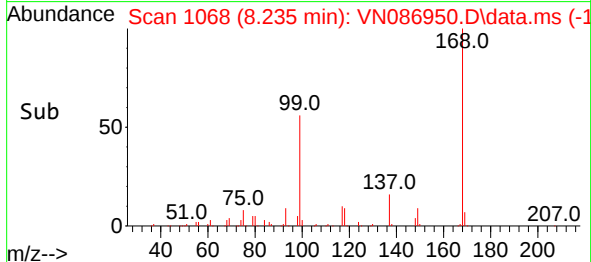
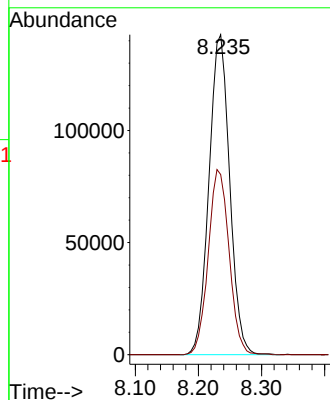
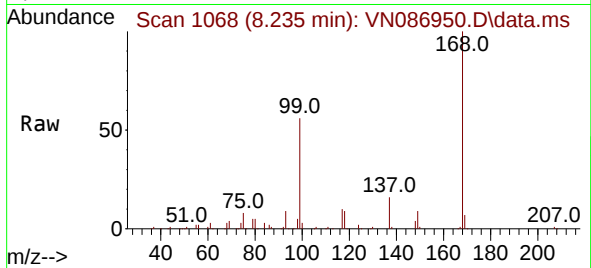




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086950.D
Acq: 11 Jun 2025 15:50

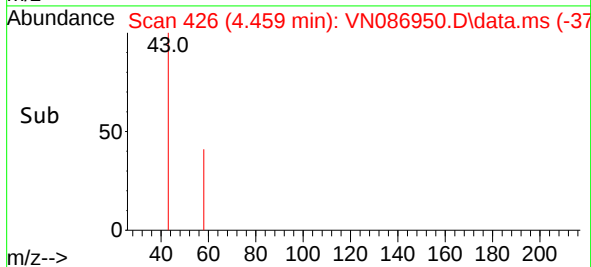
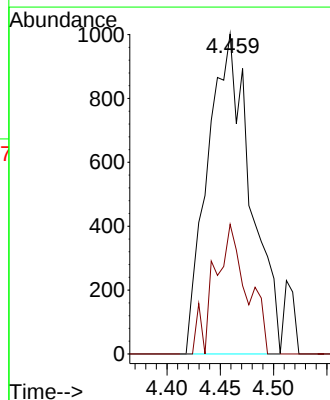
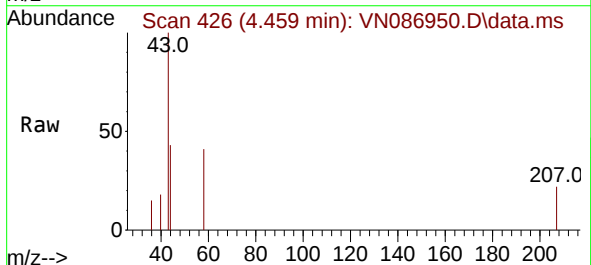
Instrument :
MSVOA_N
ClientSampleId :
MW-7-20250602

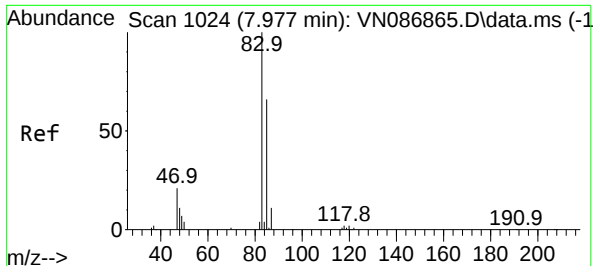
Tgt Ion:168 Resp: 324602
Ion Ratio Lower Upper
168 100
99 56.3 49.1 73.7



#16
Acetone
Concen: 1.219 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086950.D
Acq: 11 Jun 2025 15:50

Tgt Ion: 43 Resp: 2809
Ion Ratio Lower Upper
43 100
58 40.5 28.0 42.0





#30

Chloroform

Concen: 1.807 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN086950.D

Acq: 11 Jun 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

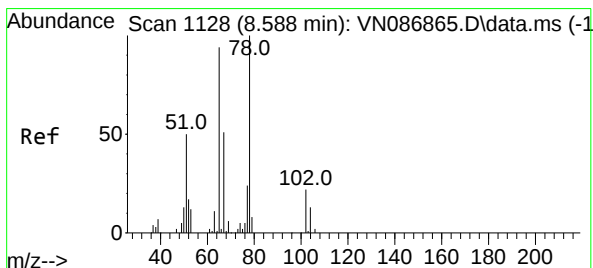
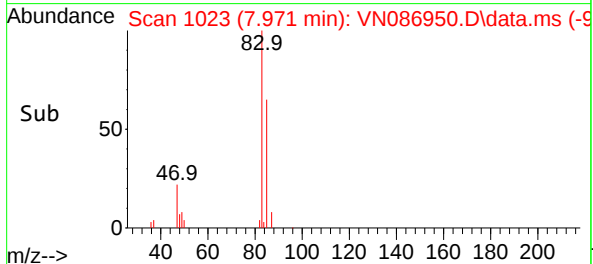
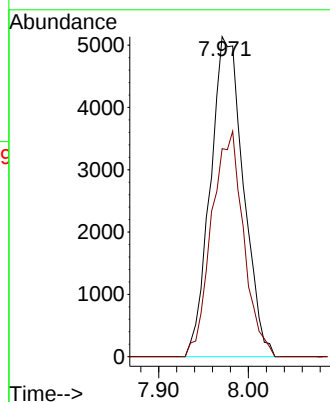
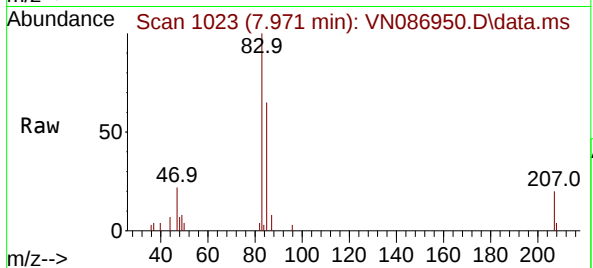
MW-7-20250602

Tgt Ion: 83 Resp: 13116

Ion Ratio Lower Upper

83 100

85 65.0 52.9 79.3



#33

1,2-Dichloroethane-d4

Concen: 48.944 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086950.D

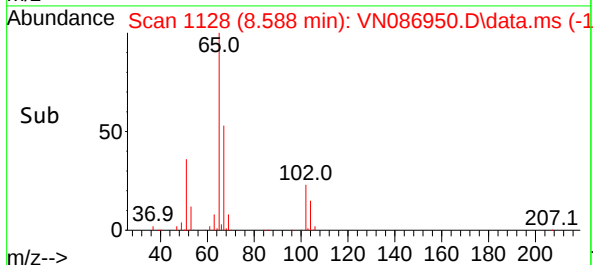
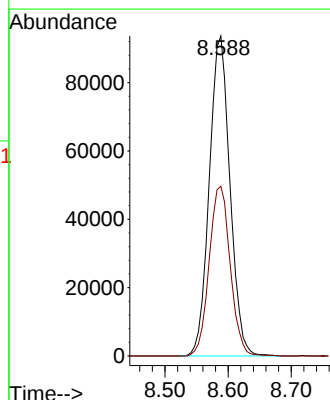
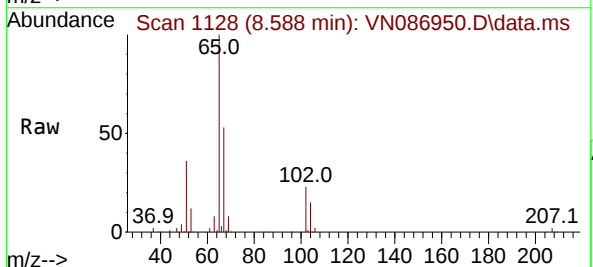
Acq: 11 Jun 2025 15:50

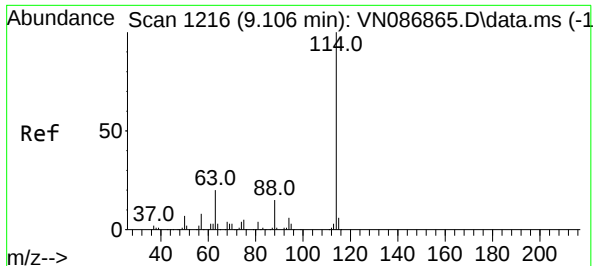
Tgt Ion: 65 Resp: 212712

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086950.D

Acq: 11 Jun 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-7-20250602

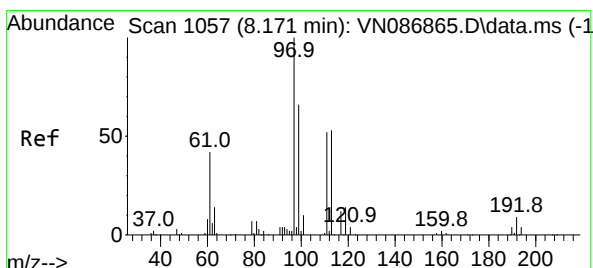
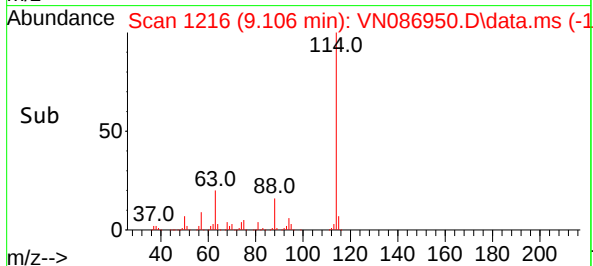
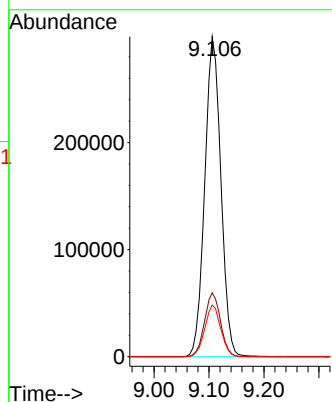
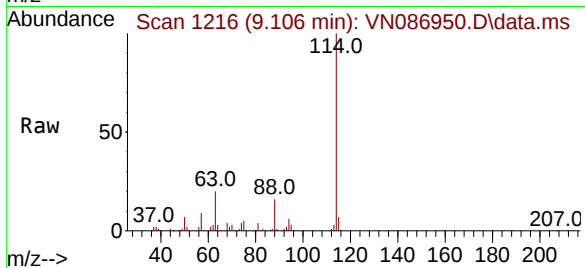
Tgt Ion:114 Resp: 609433

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 16.1 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.288 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086950.D

Acq: 11 Jun 2025 15:50

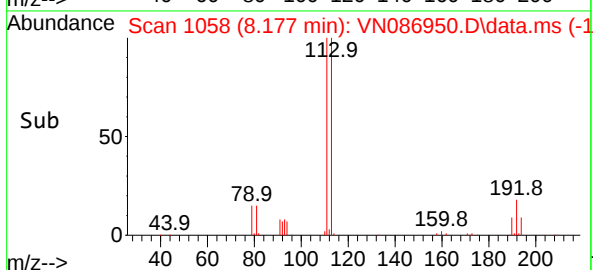
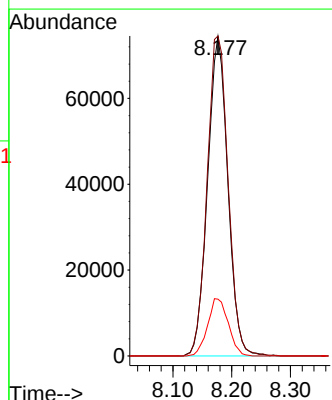
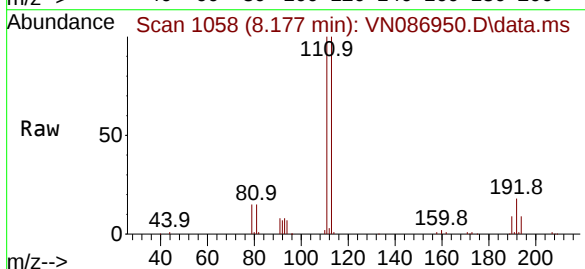
Tgt Ion:113 Resp: 178011

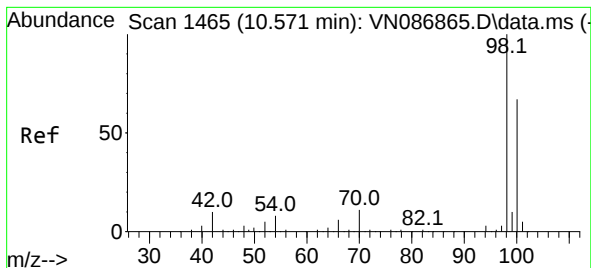
Ion Ratio Lower Upper

113 100

111 104.0 84.2 126.2

192 18.3 14.2 21.4

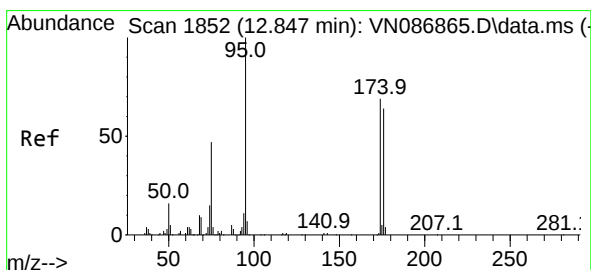
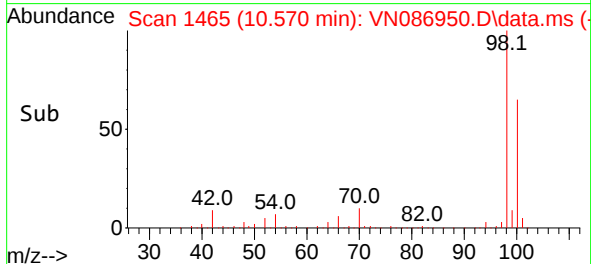
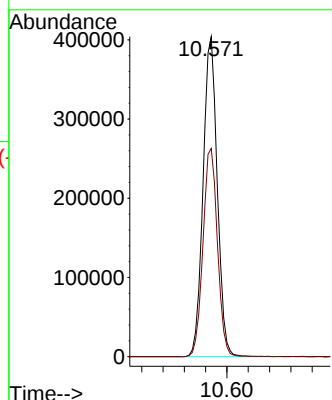
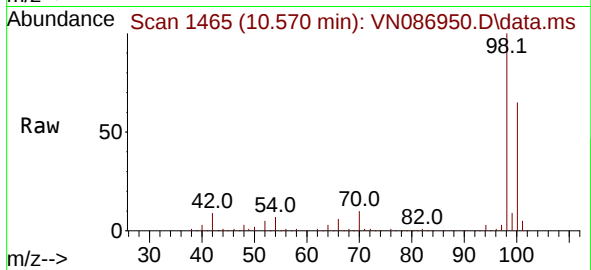




#50
Toluene-d8
Concen: 52.195 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086950.D
Acq: 11 Jun 2025 15:50

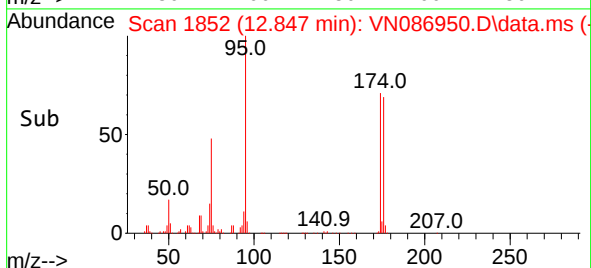
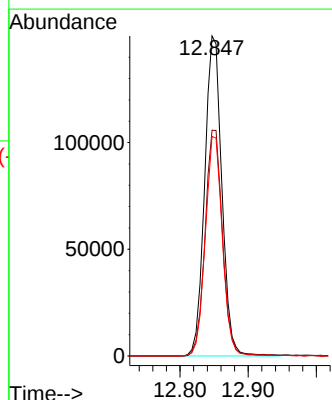
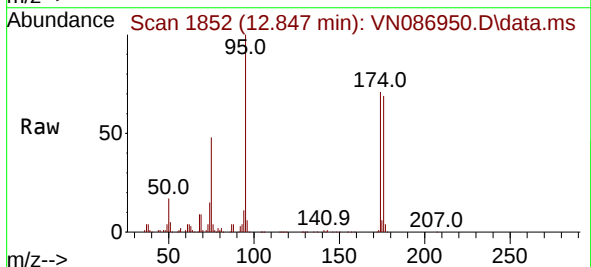
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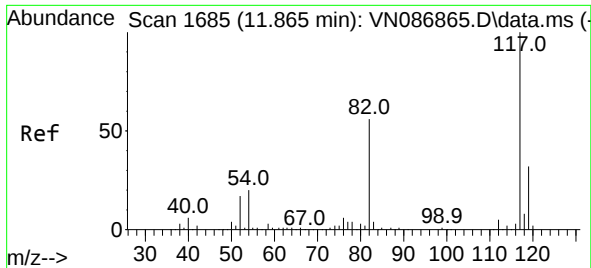
Tgt Ion: 98 Resp: 746257
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.497 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086950.D
Acq: 11 Jun 2025 15:50

Tgt Ion: 95 Resp: 262926
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.8
176 68.0 0.0 132.6

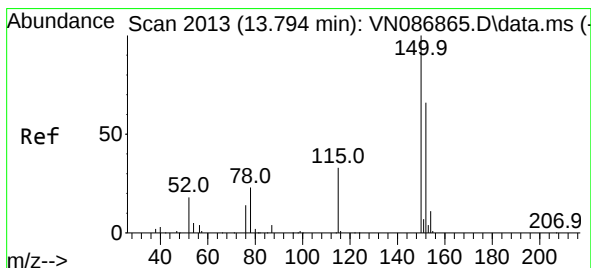
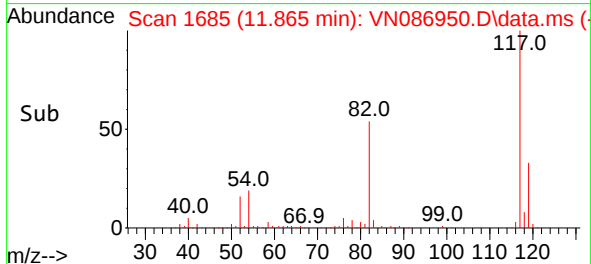
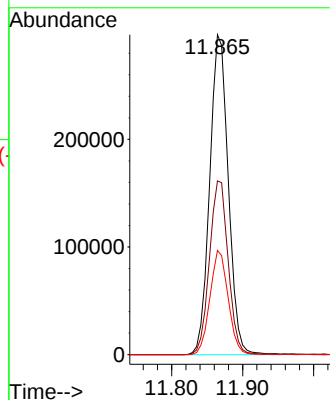
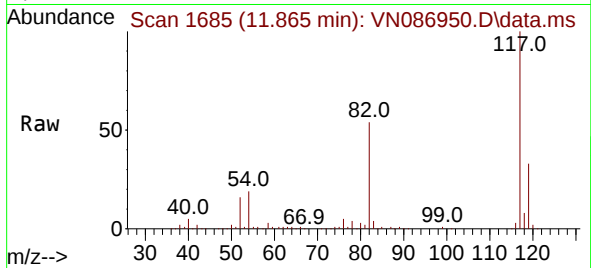




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086950.D
Acq: 11 Jun 2025 15:50

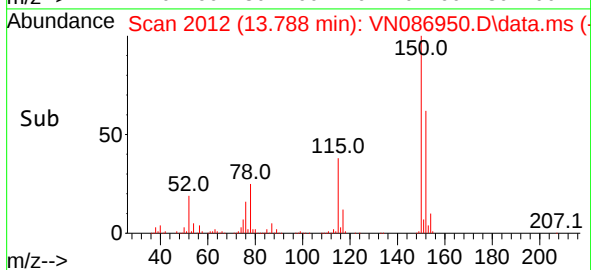
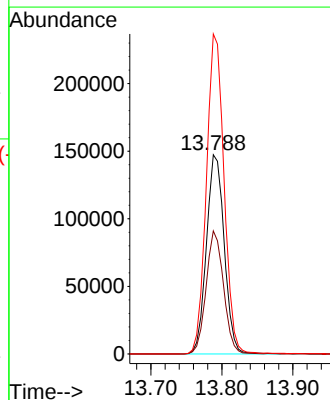
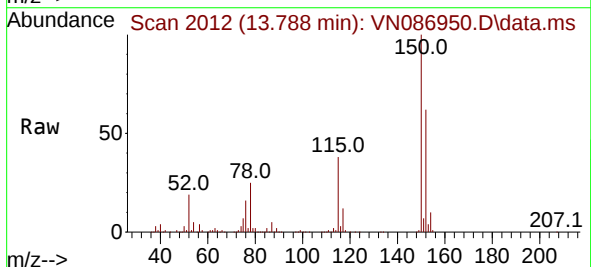
Instrument :
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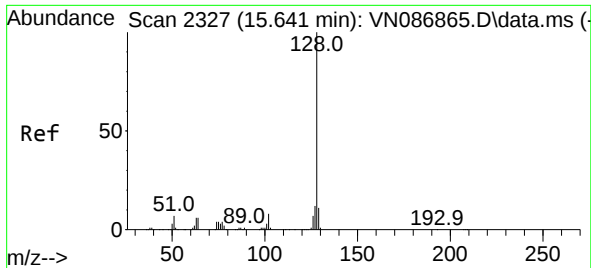
Tgt Ion:117 Resp: 539592
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086950.D
Acq: 11 Jun 2025 15:50

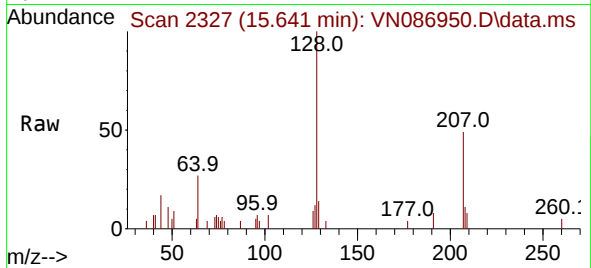
Tgt Ion:152 Resp: 257717
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.5
150 159.0 0.0 345.0





#95
 Naphthalene
 Concen: 0.434 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086950.D
 Acq: 11 Jun 2025 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7-20250602



Tgt Ion:128 Resp: 8405

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	11.2	8.8	13.2

