

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086935.D
 Acq On : 10 Jun 2025 17:31
 Operator : JC\MD
 Sample : Q2202-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11-20250603

Quant Time: Jun 11 01:58:38 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)

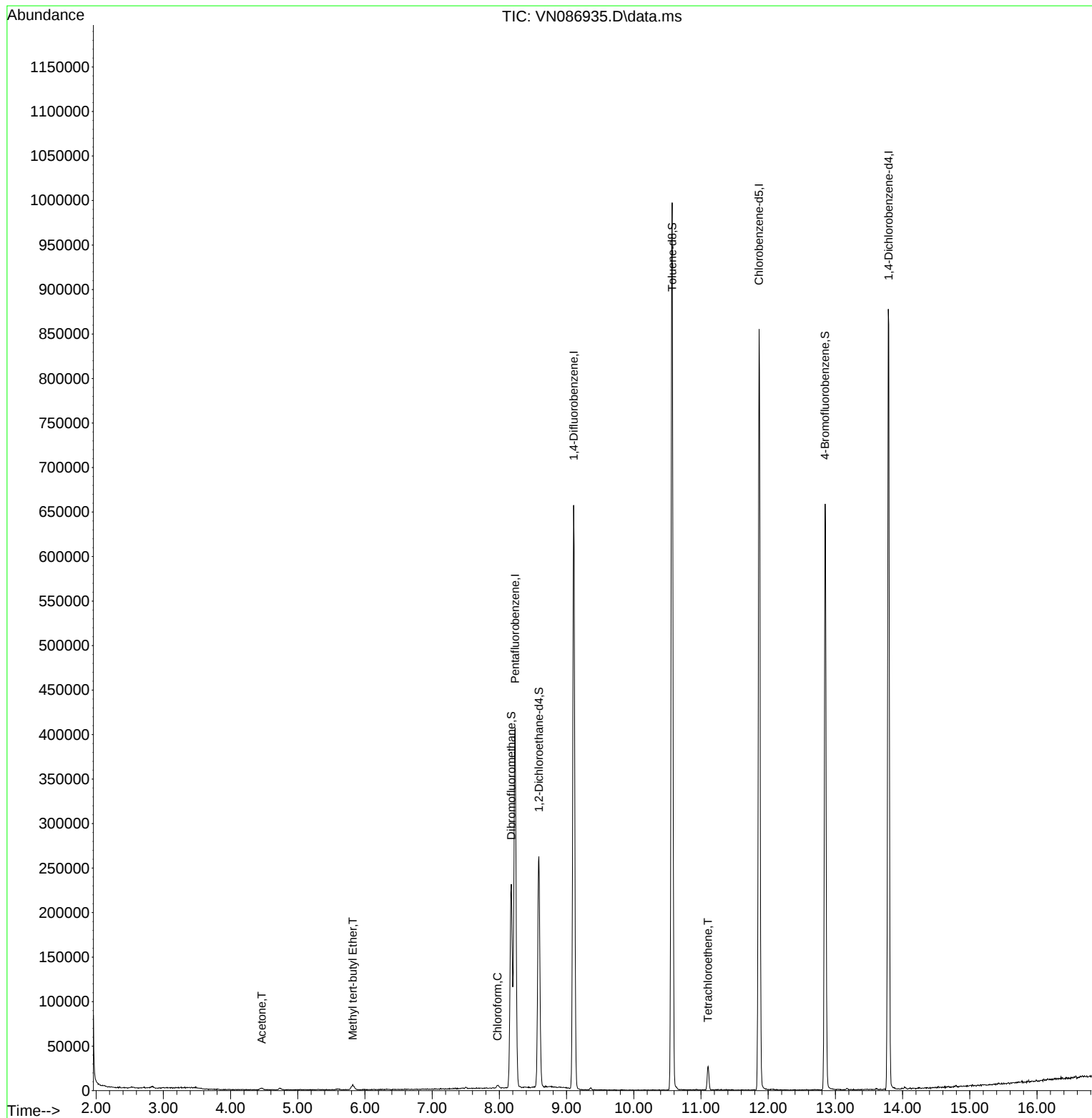
Internal Standards						
1) Pentafluorobenzene	8.235	168	320004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	603215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	538656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	259517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	212816	49.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.340%
35) Dibromofluoromethane	8.176	113	179486	50.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.420%
50) Toluene-d8	10.570	98	737282	52.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.847	95	262174	49.864	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.720%
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	4222	1.858	ug/l	92
19) Methyl tert-butyl Ether	5.818	73	8229	0.638	ug/l	94
30) Chloroform	7.971	83	3659	0.511	ug/l	97
64) Tetrachloroethene	11.106	164	6561	1.925	ug/l	98

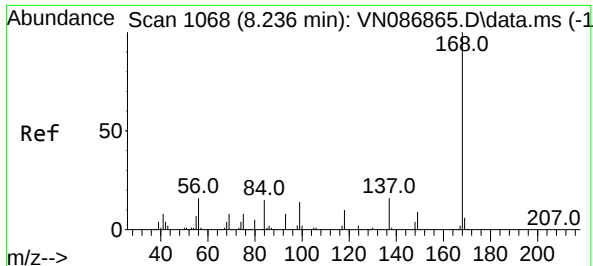
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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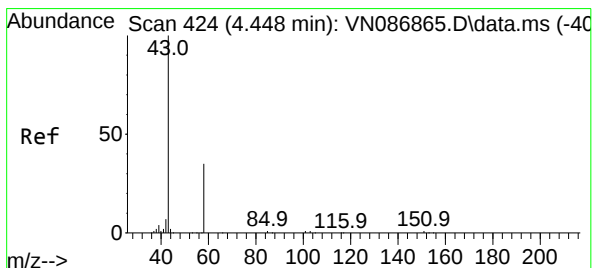
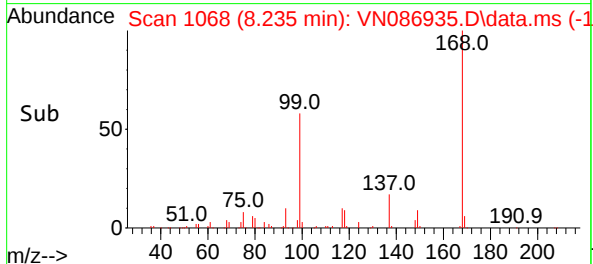
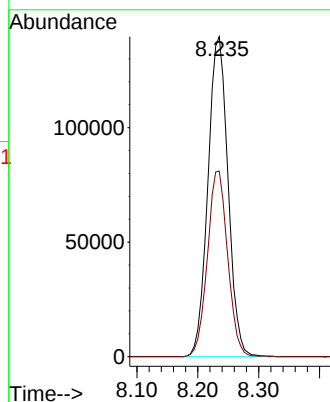
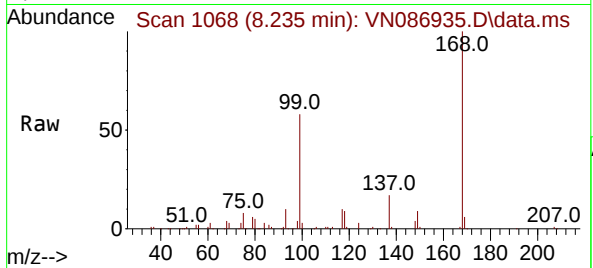




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086935.D
Acq: 10 Jun 2025 17:31

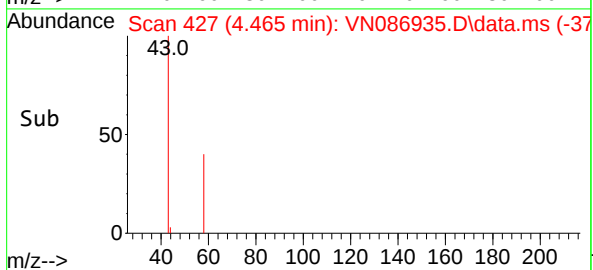
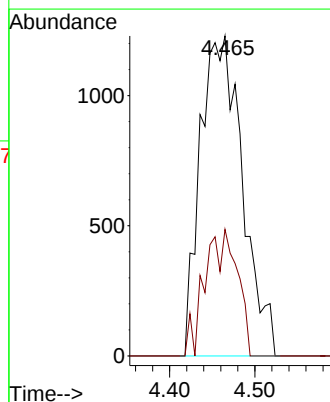
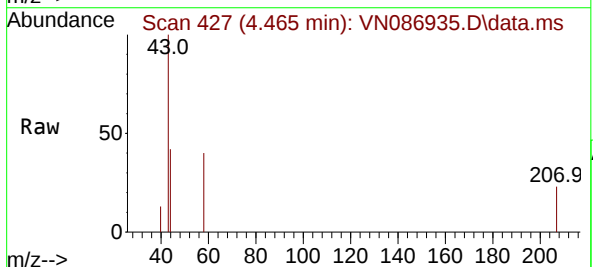
Instrument :
MSVOA_N
ClientSampleId :
MW-11-20250603

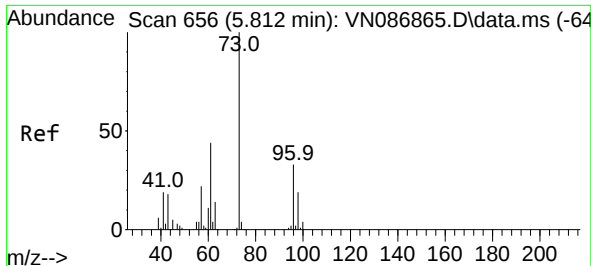
Tgt Ion:168 Resp: 320004
Ion Ratio Lower Upper
168 100
99 58.0 49.1 73.7



#16
Acetone
Concen: 1.858 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.017 min
Lab File: VN086935.D
Acq: 10 Jun 2025 17:31

Tgt Ion: 43 Resp: 4222
Ion Ratio Lower Upper
43 100
58 39.5 28.0 42.0

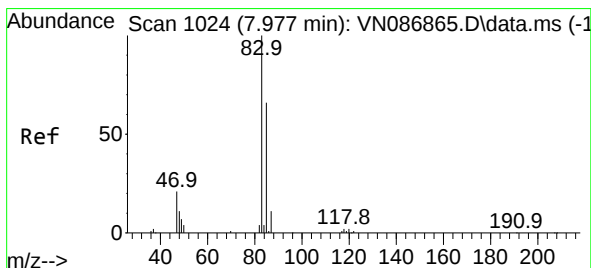
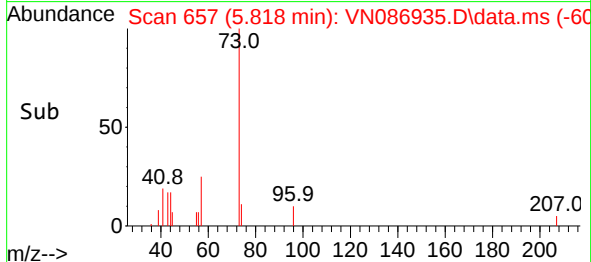
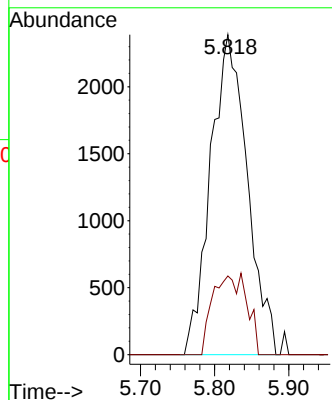
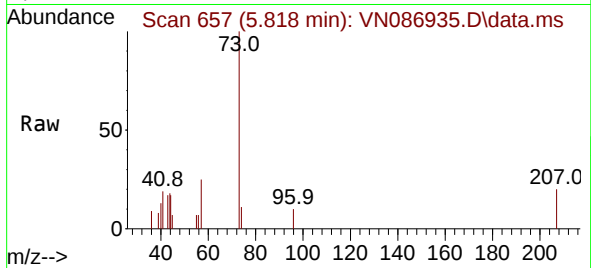




#19
Methyl tert-butyl Ether
Concen: 0.638 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086935.D
Acq: 10 Jun 2025 17:31

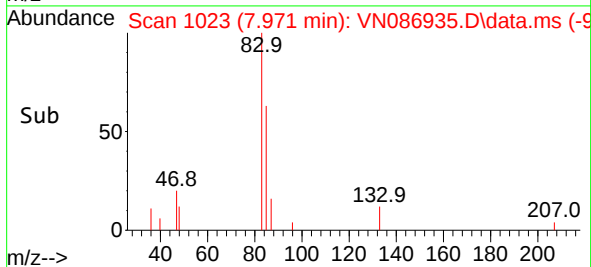
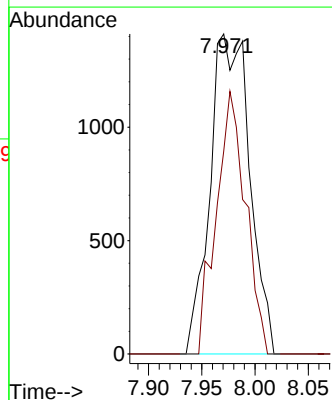
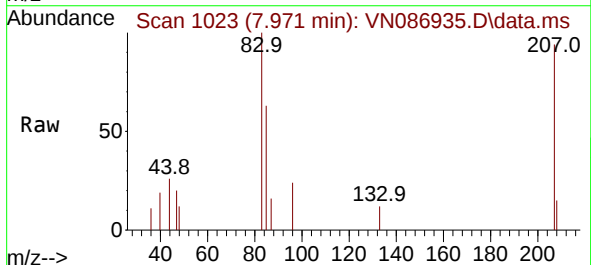
Instrument :
MSVOA_N
ClientSampleId :
MW-11-20250603

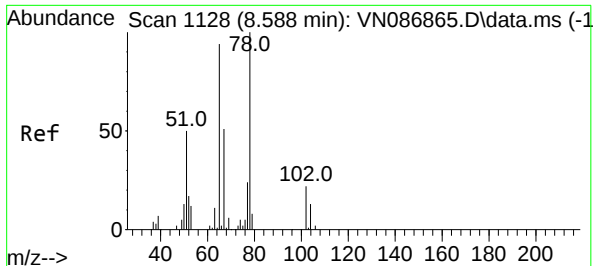
Tgt Ion: 73 Resp: 8229
Ion Ratio Lower Upper
73 100
57 24.6 17.4 26.2



#30
Chloroform
Concen: 0.511 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN086935.D
Acq: 10 Jun 2025 17:31

Tgt Ion: 83 Resp: 3659
Ion Ratio Lower Upper
83 100
85 63.4 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 49.671 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086935.D

Acq: 10 Jun 2025 17:31

Instrument :

MSVOA_N

ClientSampleId :

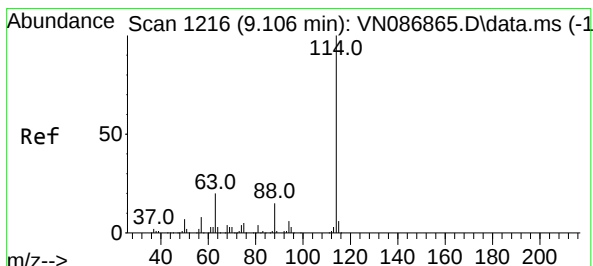
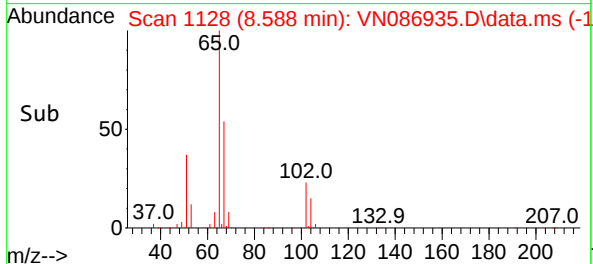
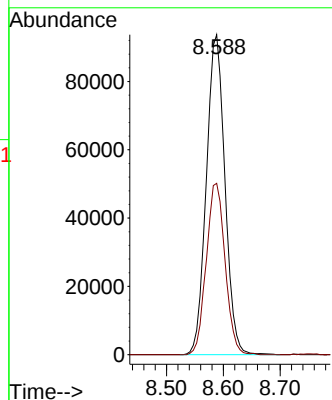
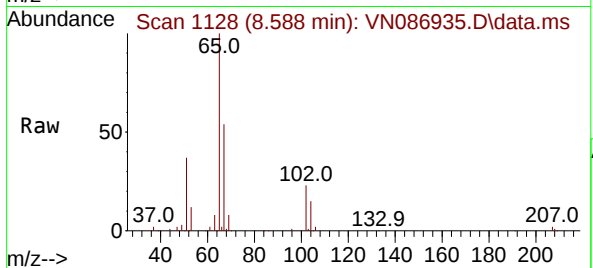
MW-11-20250603

Tgt Ion: 65 Resp: 212816

Ion Ratio Lower Upper

65 100

67 54.2 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: VN086935.D

Acq: 10 Jun 2025 17:31

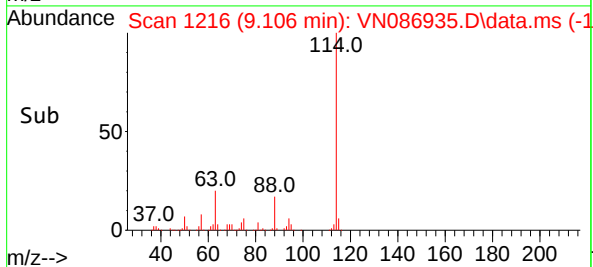
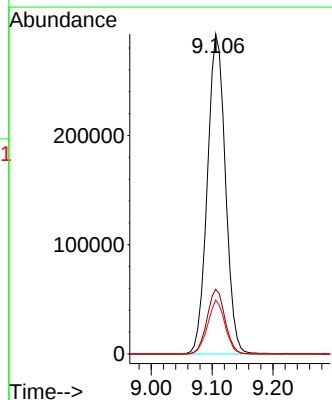
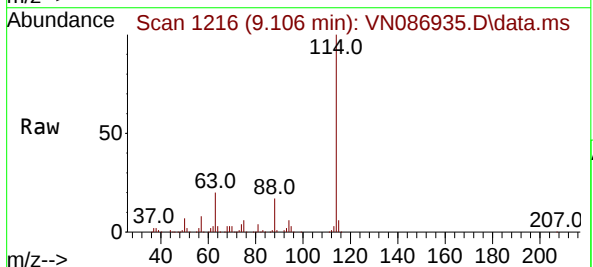
Tgt Ion: 114 Resp: 603215

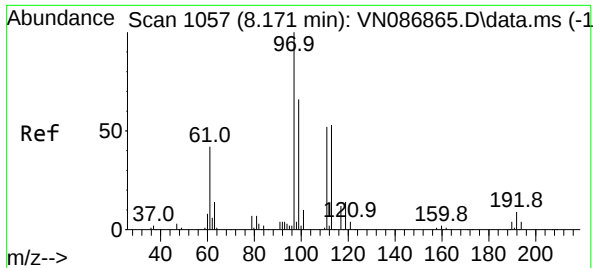
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 16.9 0.0 30.2

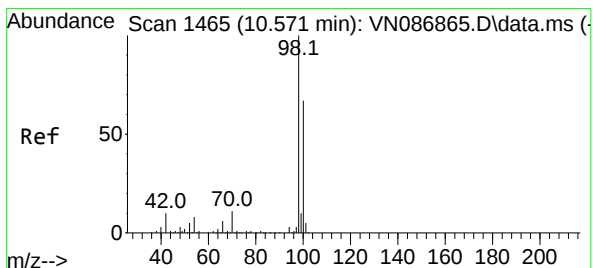
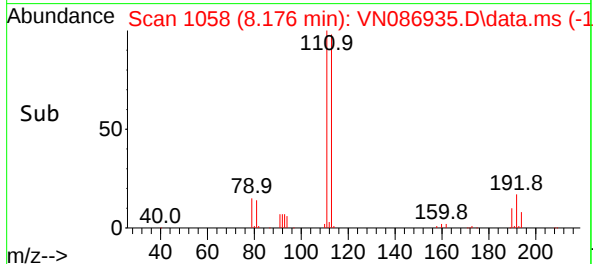
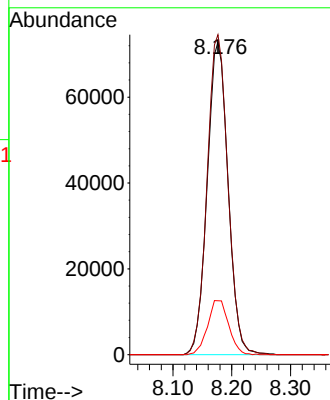
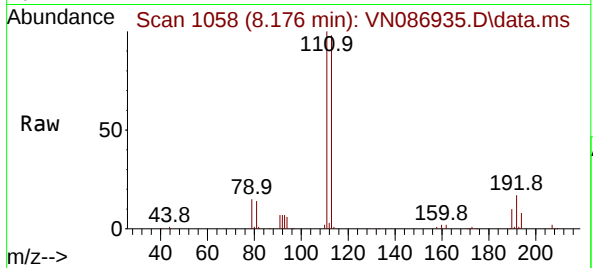




#35
Dibromofluoromethane
Concen: 50.209 ug/l
RT: 8.176 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086935.D
Acq: 10 Jun 2025 17:31

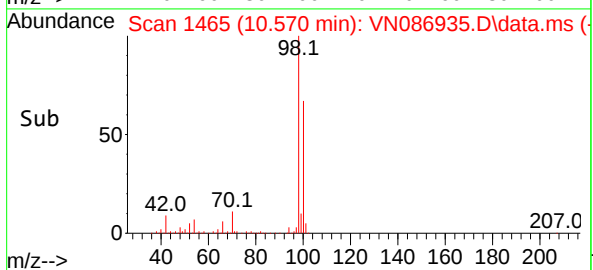
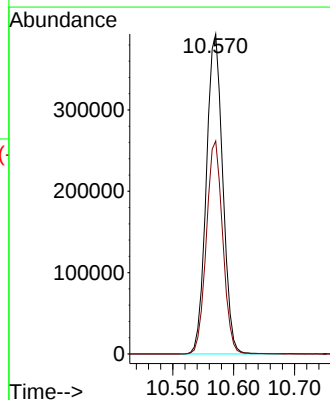
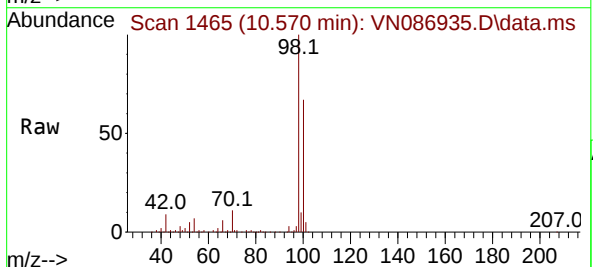
Instrument :
MSVOA_N
ClientSampleId :
MW-11-20250603

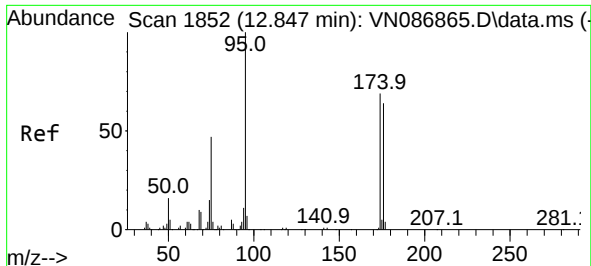
Tgt Ion:113 Resp: 179486
Ion Ratio Lower Upper
113 100
111 102.0 84.2 126.2
192 17.6 14.2 21.4



#50
Toluene-d8
Concen: 52.099 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086935.D
Acq: 10 Jun 2025 17:31

Tgt Ion: 98 Resp: 737282
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0

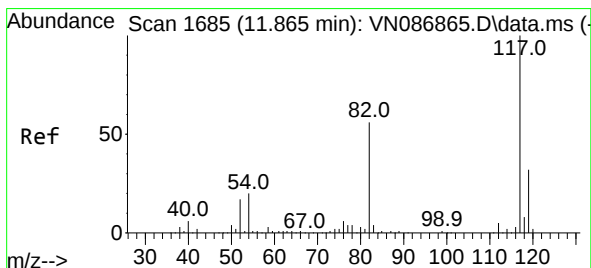
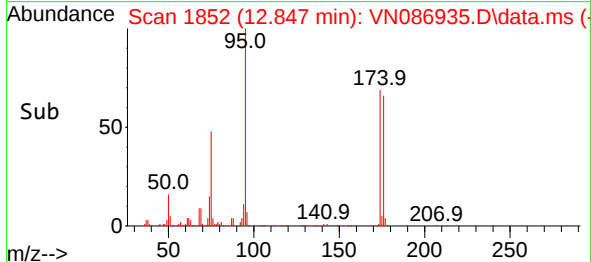
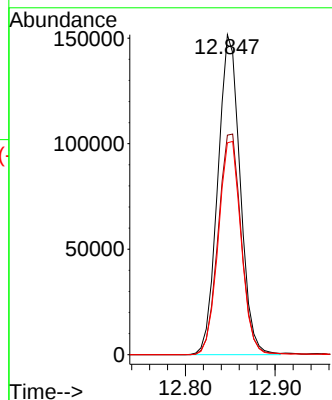
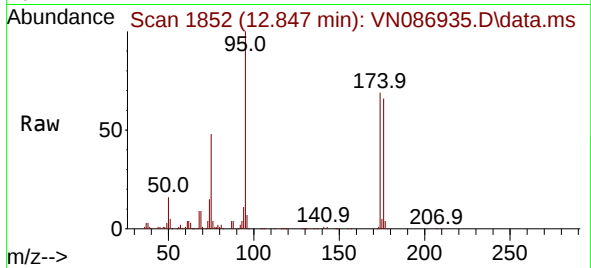




#62
4-Bromofluorobenzene
Concen: 49.864 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086935.D
Acq: 10 Jun 2025 17:31

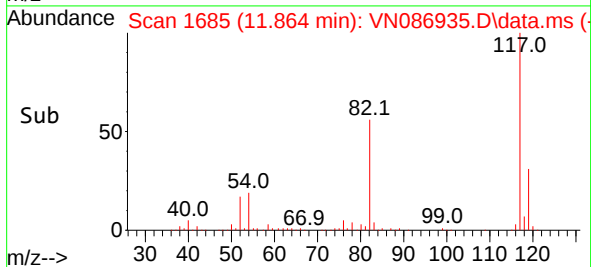
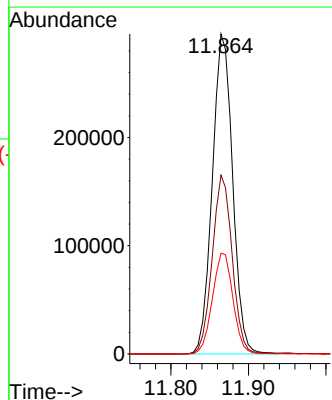
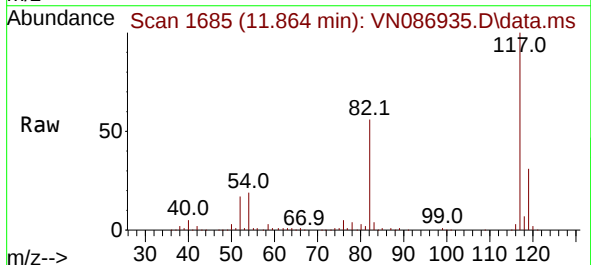
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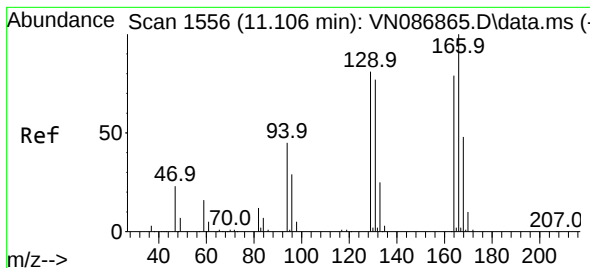
Tgt Ion: 95 Resp: 262174
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.8
176 68.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086935.D
Acq: 10 Jun 2025 17:31

Tgt Ion: 117 Resp: 538656
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.5 25.5 38.3





#64

Tetrachloroethene

Concen: 1.925 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086935.D

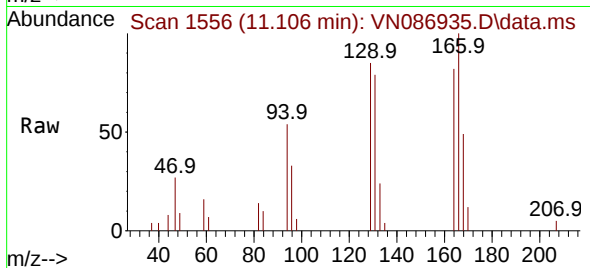
Acq: 10 Jun 2025 17:31

Instrument :

MSVOA_N

ClientSampleId :

MW-11-20250603



Tgt Ion:164 Resp: 6561

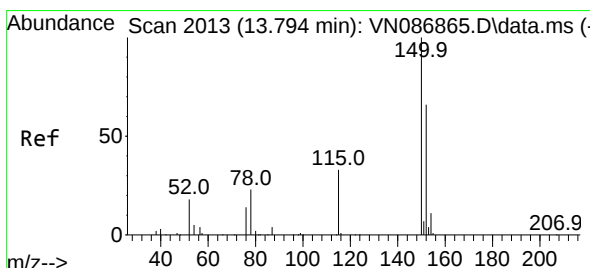
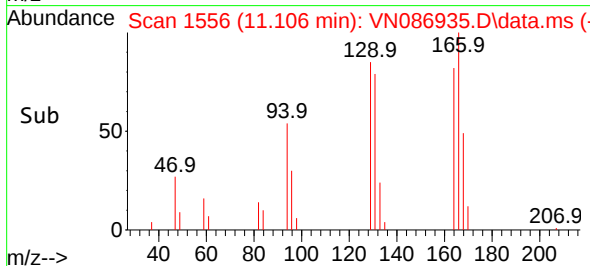
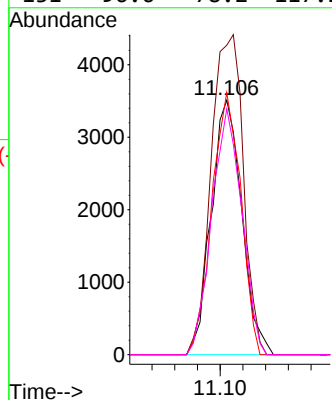
Ion Ratio Lower Upper

164 100

166 121.7 101.8 152.8

129 103.0 83.0 124.4

131 96.6 78.2 117.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN086935.D

Acq: 10 Jun 2025 17:31

Tgt Ion:152 Resp: 259517

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.5

150 157.6 0.0 345.0

