

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086972.D
 Acq On : 12 Jun 2025 13:15
 Operator : JC\MD
 Sample : Q2249-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06-6.5-060525

Quant Time: Jun 13 01:26:47 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)

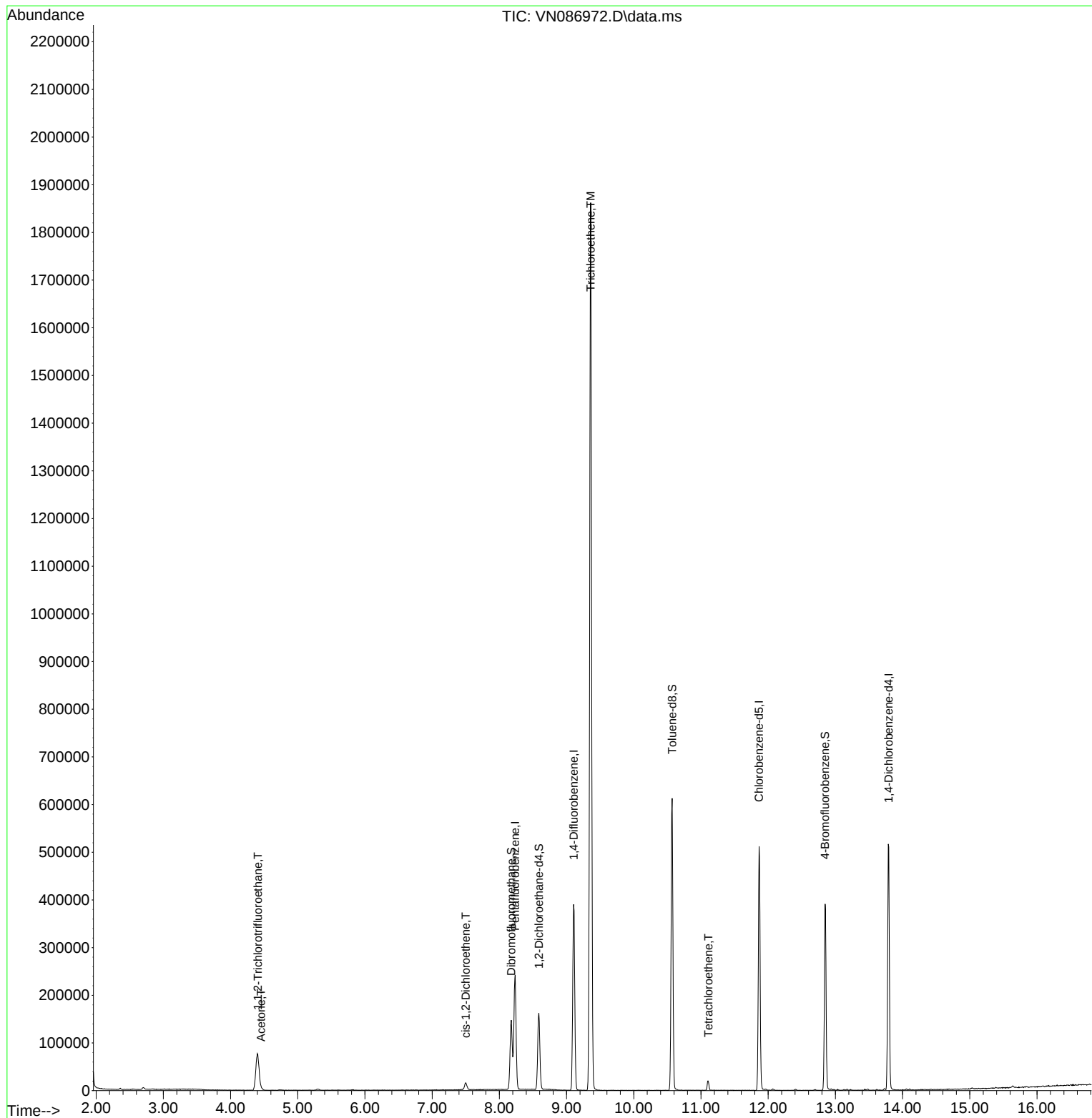
Internal Standards						
1) Pentafluorobenzene	8.236	168	190645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	365841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	130111	50.973	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.940%		
35) Dibromofluoromethane	8.177	113	109990	50.732	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.460%		
50) Toluene-d8	10.571	98	444898	51.836	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.680%		
62) 4-Bromofluorobenzene	12.847	95	155483	48.760	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 97.520%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.406	101	60827	29.266	ug/l	99
16) Acetone	4.453	43	5173	3.822	ug/l	88
27) cis-1,2-Dichloroethene	7.500	96	10861	3.847	ug/l	76
44) Trichloroethene	9.359	130	715258	285.535	ug/l	100
64) Tetrachloroethene	11.112	164	5215	2.541	ug/l	96

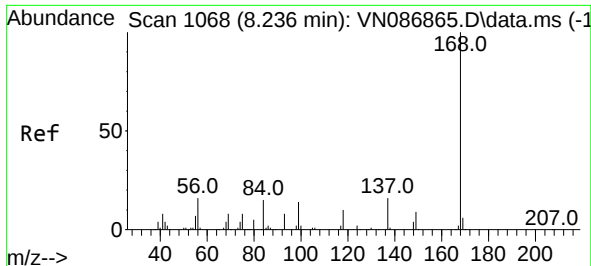
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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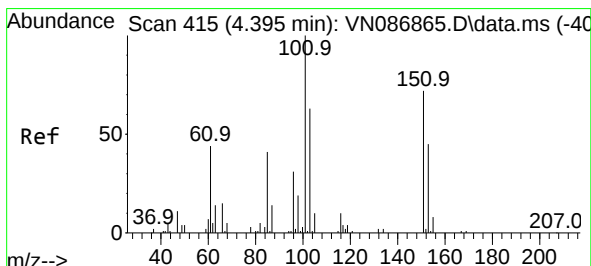
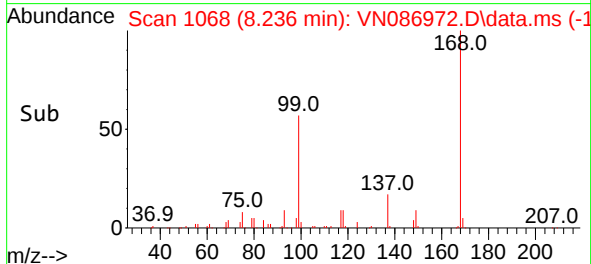
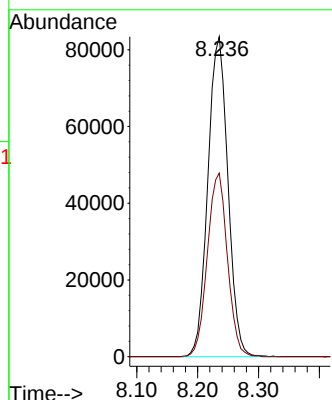
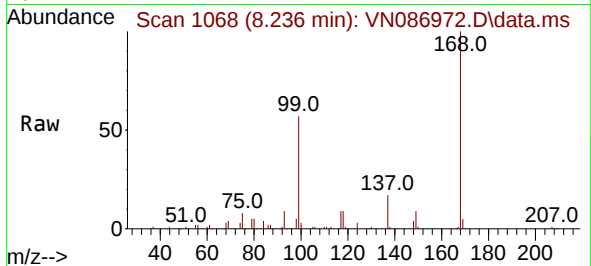




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN086972.D
Acq: 12 Jun 2025 13:15

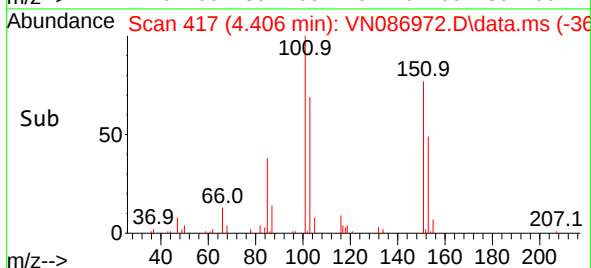
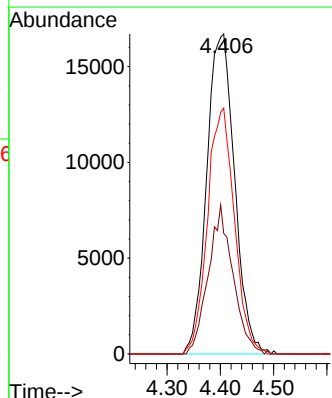
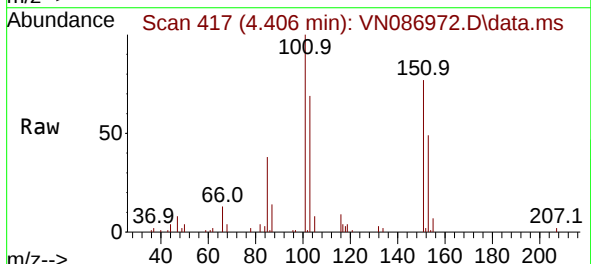
Instrument :
MSVOA_N
ClientSampleId :
MW-06-6.5-060525

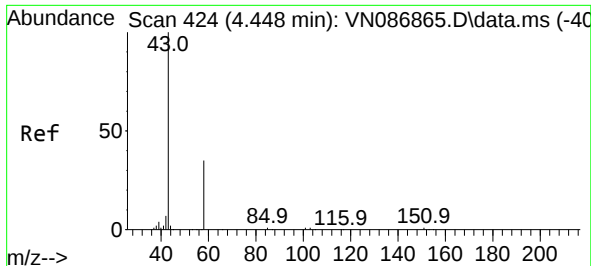
Tgt Ion:168 Resp: 190645
Ion Ratio Lower Upper
168 100
99 57.4 49.1 73.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 29.266 ug/l
RT: 4.406 min Scan# 417
Delta R.T. 0.012 min
Lab File: VN086972.D
Acq: 12 Jun 2025 13:15

Tgt Ion:101 Resp: 60827
Ion Ratio Lower Upper
101 100
85 41.2 33.8 50.8
151 74.2 58.7 88.1

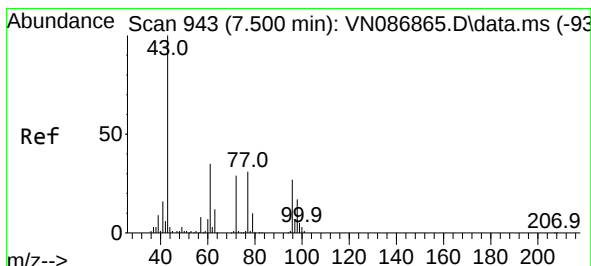
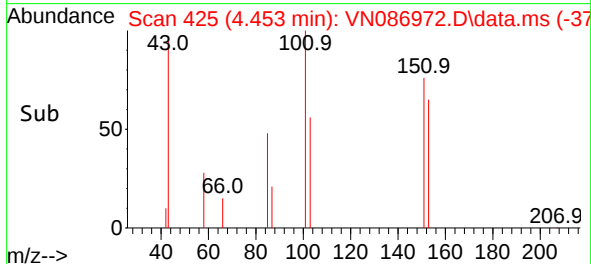
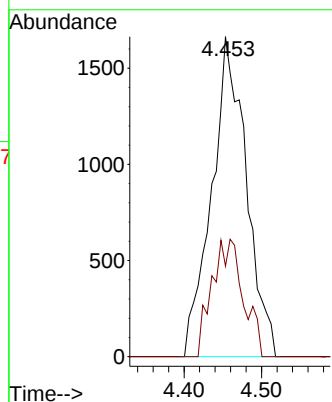
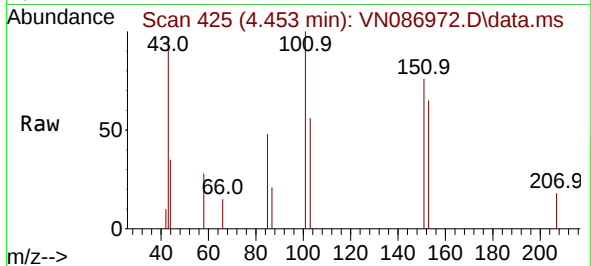




#16
Acetone
Concen: 3.822 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086972.D
Acq: 12 Jun 2025 13:15

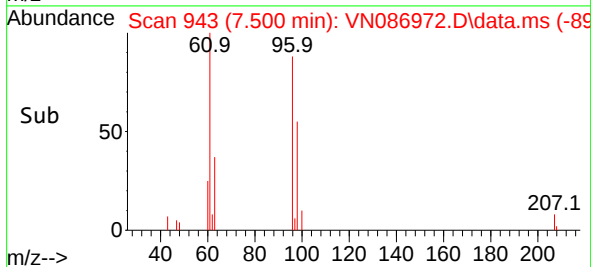
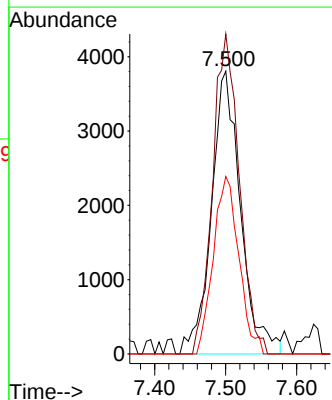
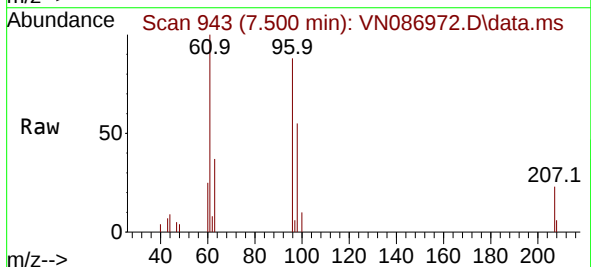
Instrument :
MSVOA_N
ClientSampleId :
MW-06-6.5-060525

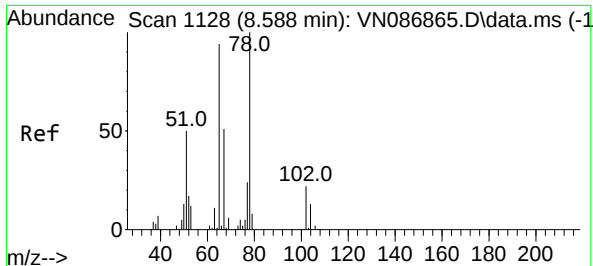
Tgt Ion: 43 Resp: 5173
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0



#27
cis-1,2-Dichloroethene
Concen: 3.847 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086972.D
Acq: 12 Jun 2025 13:15

Tgt Ion: 96 Resp: 10861
Ion Ratio Lower Upper
96 100
61 103.4 0.0 278.0
98 54.9 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 50.973 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086972.D

Acq: 12 Jun 2025 13:15

Instrument :

MSVOA_N

ClientSampleId :

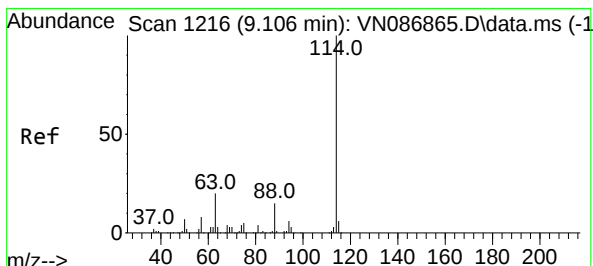
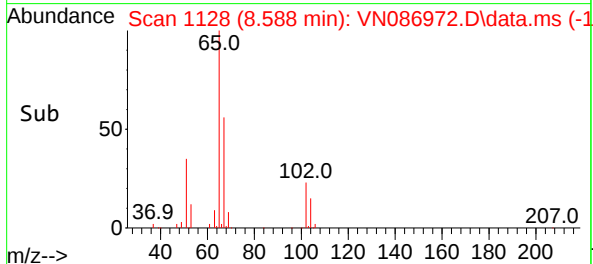
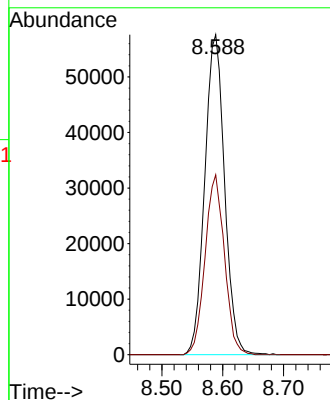
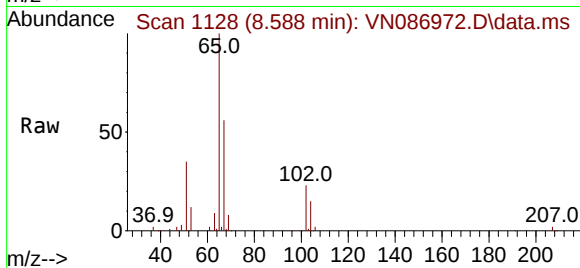
MW-06-6.5-060525

Tgt Ion: 65 Resp: 130111

Ion Ratio Lower Upper

65 100

67 54.9 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: VN086972.D

Acq: 12 Jun 2025 13:15

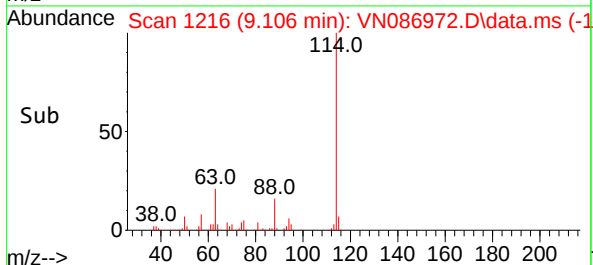
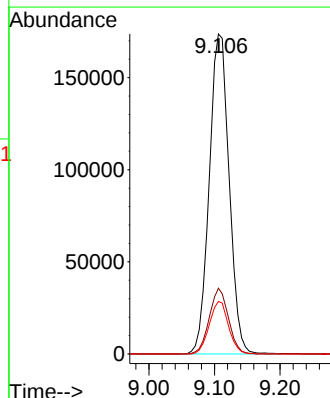
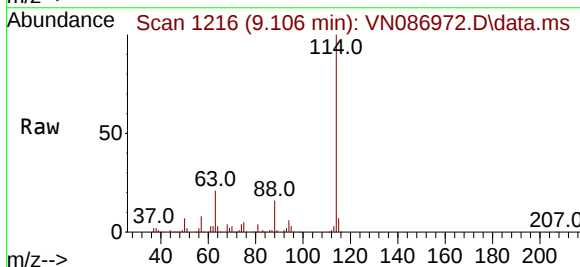
Tgt Ion: 114 Resp: 365841

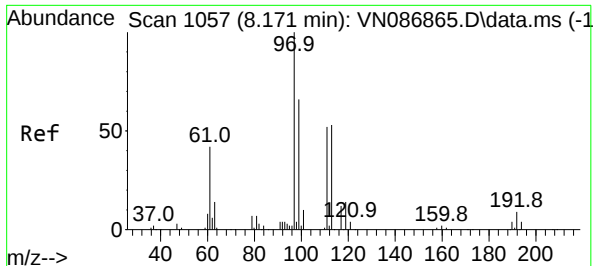
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 16.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.732 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086972.D

Acq: 12 Jun 2025 13:15

Instrument :

MSVOA_N

ClientSampleId :

MW-06-6.5-060525

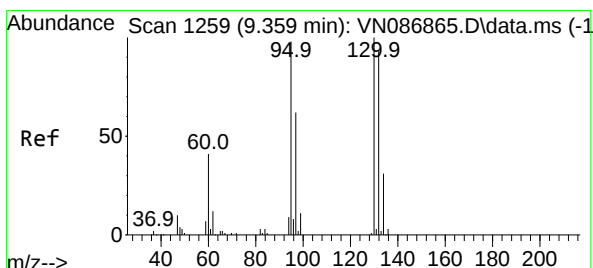
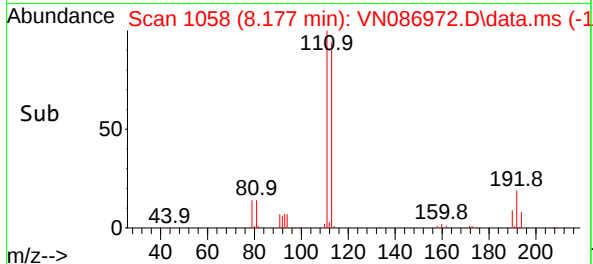
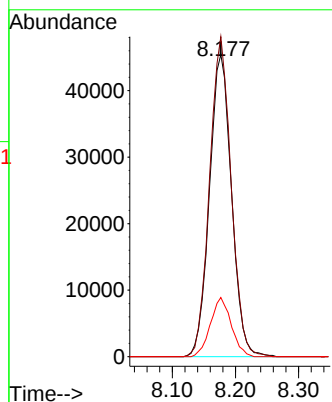
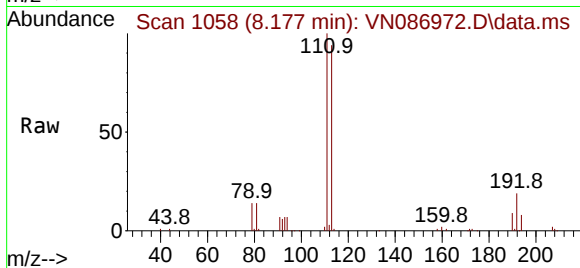
Tgt Ion:113 Resp: 109990

Ion Ratio Lower Upper

113 100

111 103.6 84.2 126.2

192 18.5 14.2 21.4



#44

Trichloroethene

Concen: 285.535 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN086972.D

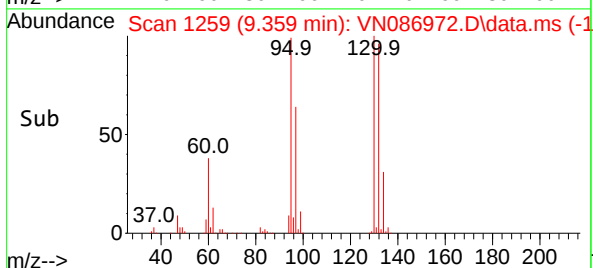
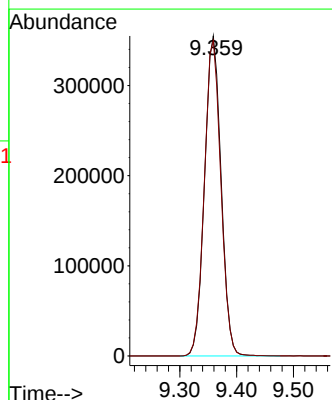
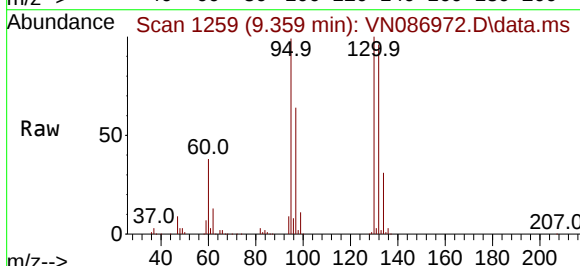
Acq: 12 Jun 2025 13:15

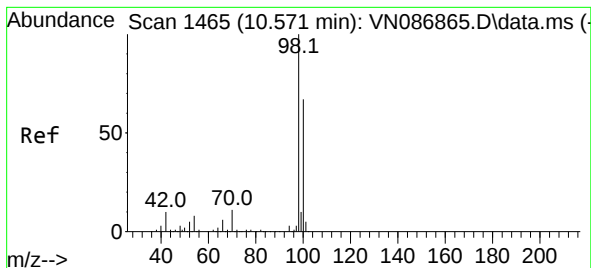
Tgt Ion:130 Resp: 715258

Ion Ratio Lower Upper

130 100

95 98.6 0.0 196.2

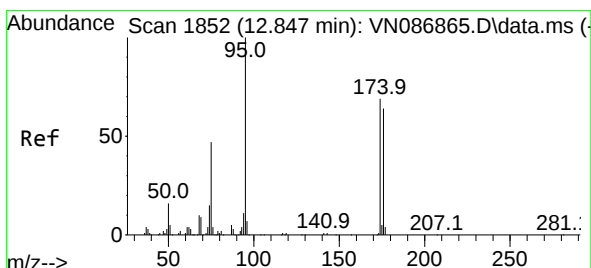
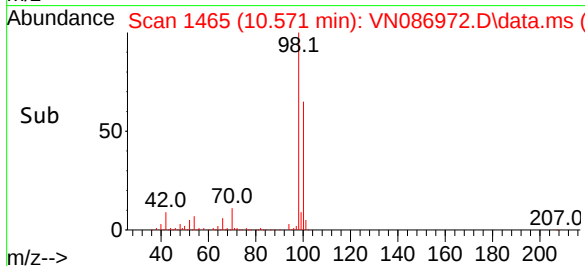
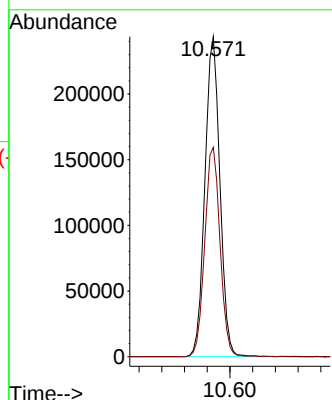
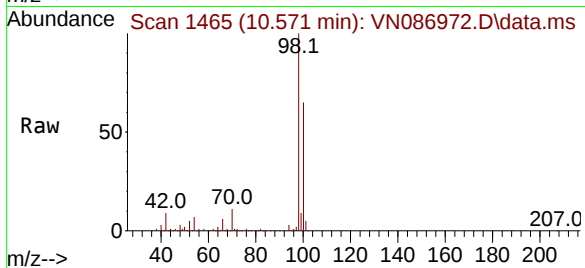




#50
Toluene-d8
Concen: 51.836 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086972.D
Acq: 12 Jun 2025 13:15

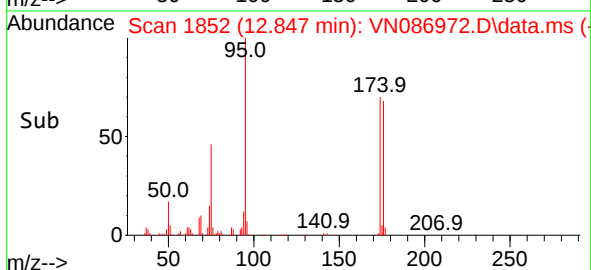
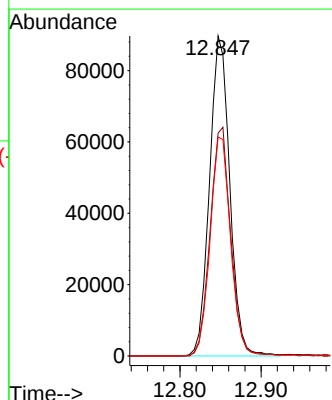
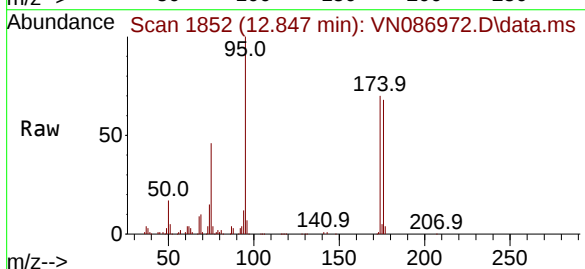
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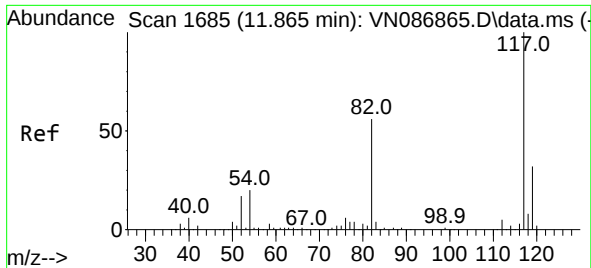
Tgt Ion: 98 Resp: 444898
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.760 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086972.D
Acq: 12 Jun 2025 13:15

Tgt Ion: 95 Resp: 155483
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.8
176 69.2 0.0 132.6

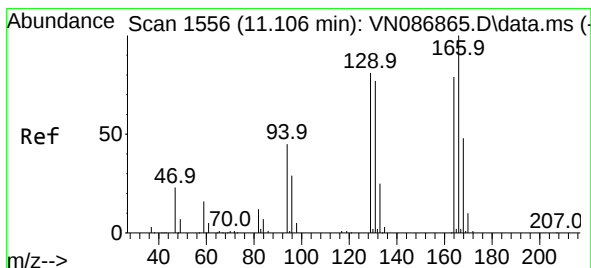
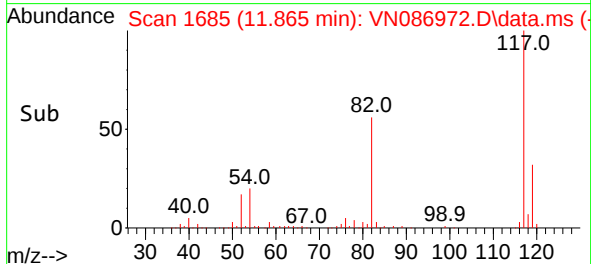
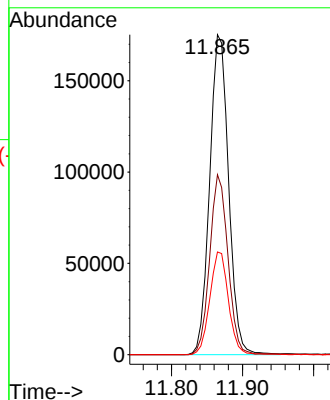
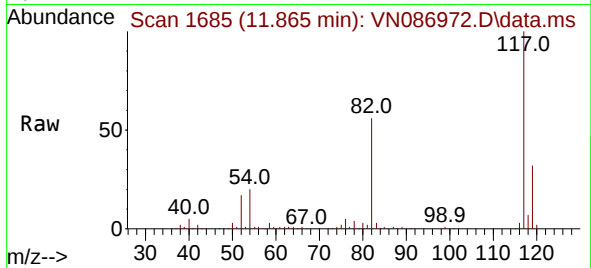




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086972.D
Acq: 12 Jun 2025 13:15

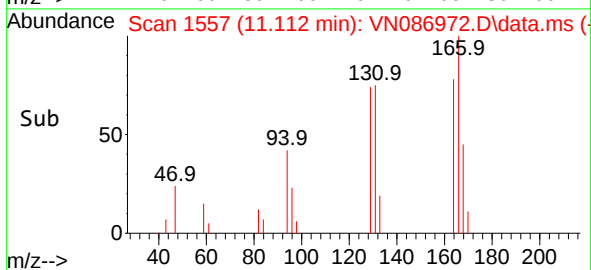
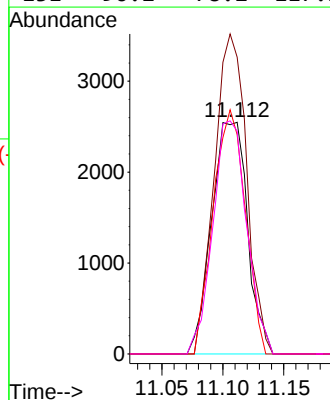
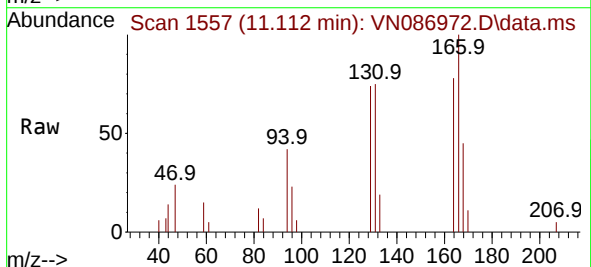
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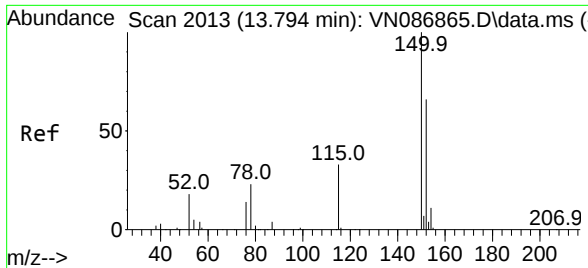
Tgt Ion:117 Resp: 324312
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 2.541 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN086972.D
Acq: 12 Jun 2025 13:15

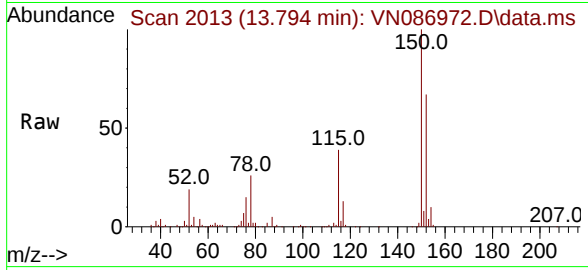
Tgt Ion:164 Resp: 5215
Ion Ratio Lower Upper
164 100
166 128.1 101.8 152.8
129 94.6 83.0 124.4
131 96.2 78.2 117.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086972.D
 Acq: 12 Jun 2025 13:15

Instrument :
 MSVOA_N
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 MW-06-6.5-060525



Tgt Ion:	152	Resp:	154633
Ion Ratio	Lower	Upper	
152	100		
115	61.4	30.1	90.5
150	159.0	0.0	345.0

