

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087034.D
 Acq On : 16 Jun 2025 16:15
 Operator : JC\MD
 Sample : Q2299-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20250610

Quant Time: Jun 17 07:25:25 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)

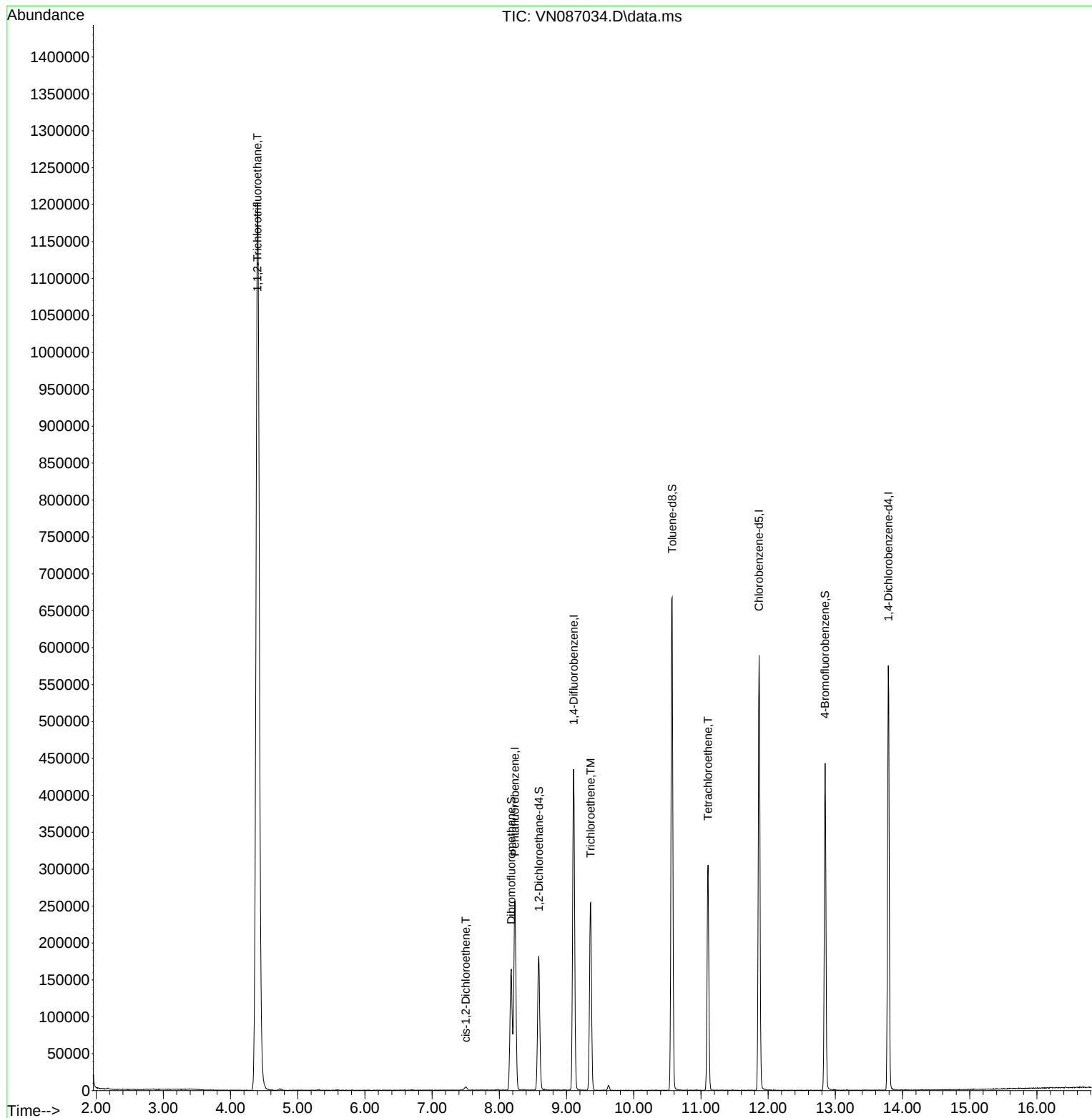
Internal Standards						
1) Pentafluorobenzene	8.230	168	201975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	409116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	169597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	149258	55.194	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.380%	
35) Dibromofluoromethane	8.177	113	126336	52.108	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.220%	
50) Toluene-d8	10.571	98	503264	52.434	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.860%	
62) 4-Bromofluorobenzene	12.847	95	175542	49.227	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	98.460%	
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.401	101	957277	434.736	ug/l	Qvalue 99
27) cis-1,2-Dichloroethene	7.500	96	3374	1.128	ug/l	84
44) Trichloroethene	9.359	130	100648	35.929	ug/l	99
64) Tetrachloroethene	11.106	164	73927	31.565	ug/l	96

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

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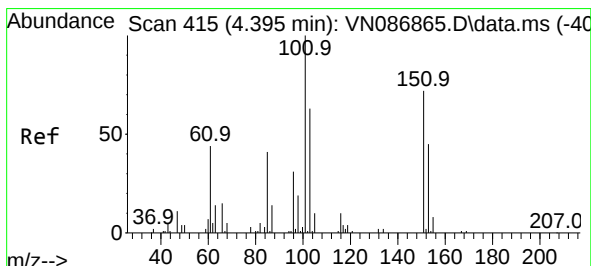
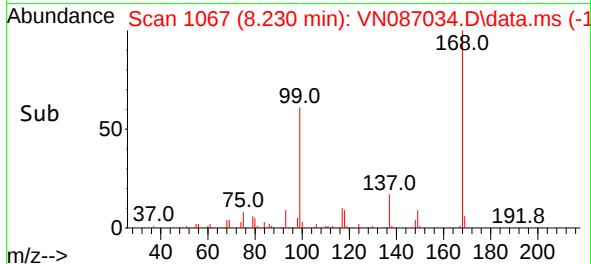
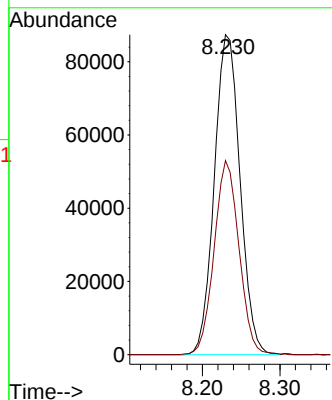
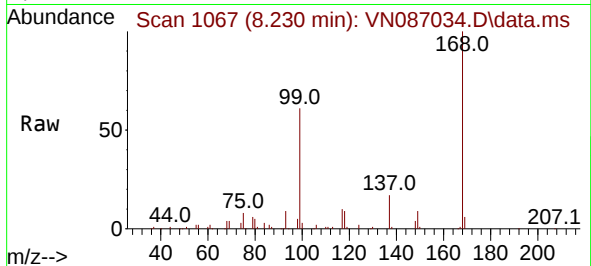




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087034.D
Acq: 16 Jun 2025 16:15

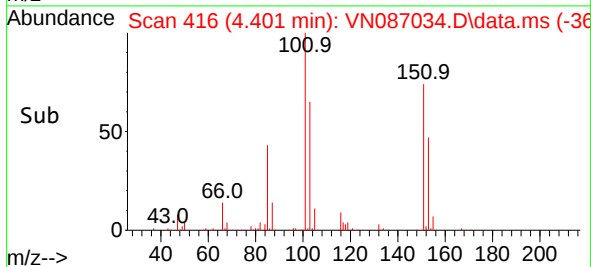
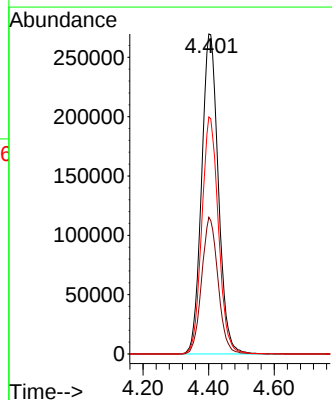
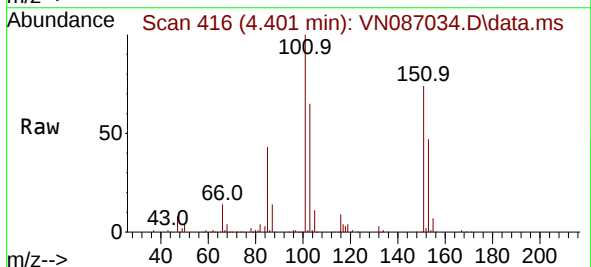
Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610

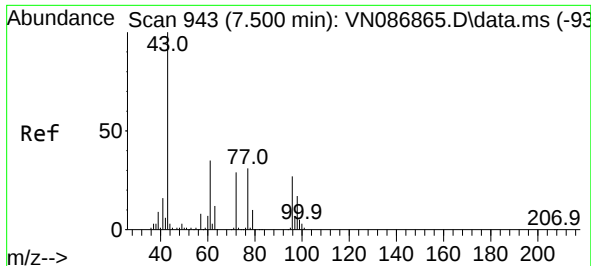
Tgt Ion:168 Resp: 201975
Ion Ratio Lower Upper
168 100
99 60.6 49.1 73.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 434.736 ug/l
RT: 4.401 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN087034.D
Acq: 16 Jun 2025 16:15

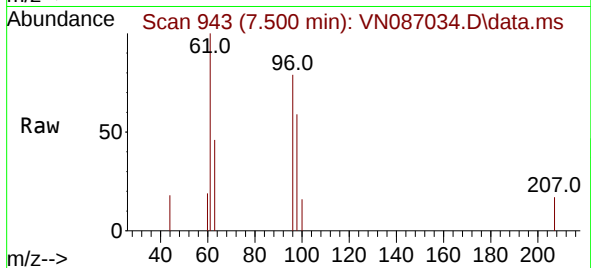
Tgt Ion:101 Resp: 957277
Ion Ratio Lower Upper
101 100
85 41.9 33.8 50.8
151 73.7 58.7 88.1



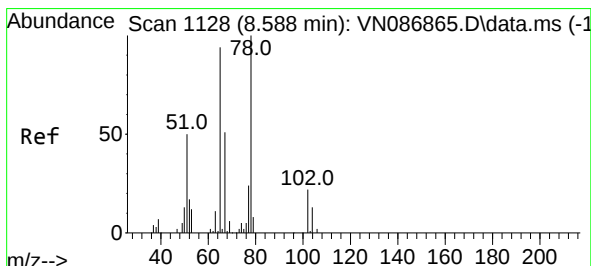
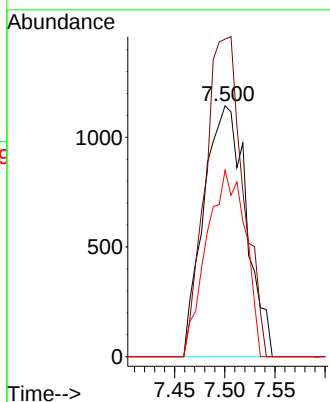
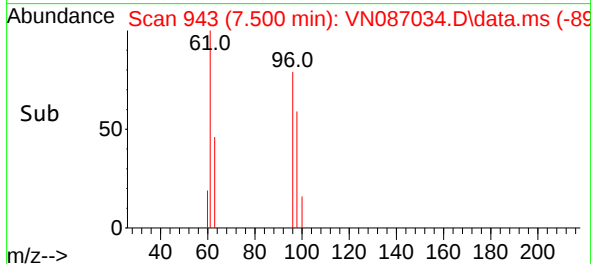


#27
cis-1,2-Dichloroethene
Concen: 1.128 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087034.D
Acq: 16 Jun 2025 16:15

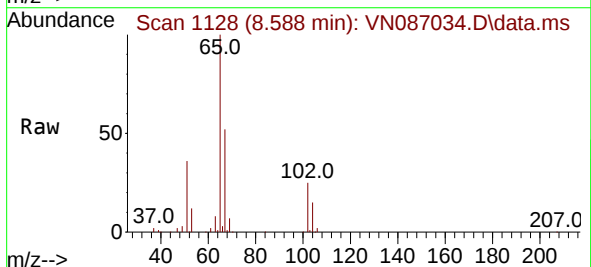
Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610



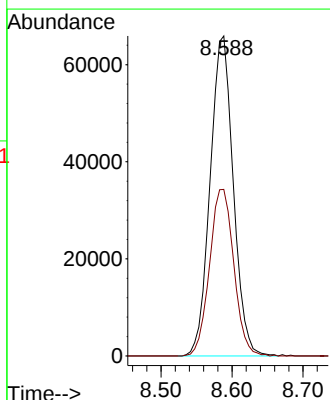
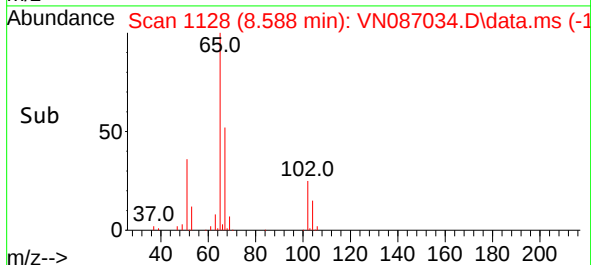
Tgt Ion: 96 Resp: 3374
Ion Ratio Lower Upper
96 100
61 113.2 0.0 278.0
98 67.8 0.0 128.2

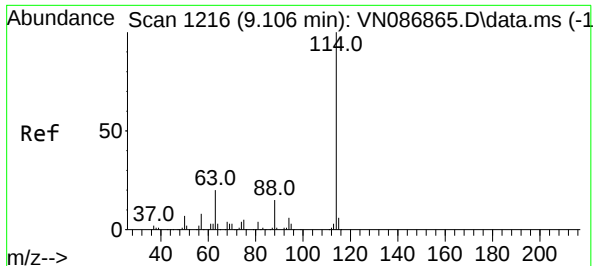


#33
1,2-Dichloroethane-d4
Concen: 55.194 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087034.D
Acq: 16 Jun 2025 16:15



Tgt Ion: 65 Resp: 149258
Ion Ratio Lower Upper
65 100
67 54.5 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: VN087034.D

Acq: 16 Jun 2025 16:15

Instrument :

MSVOA_N

ClientSampleId :

RE134D4-20250610

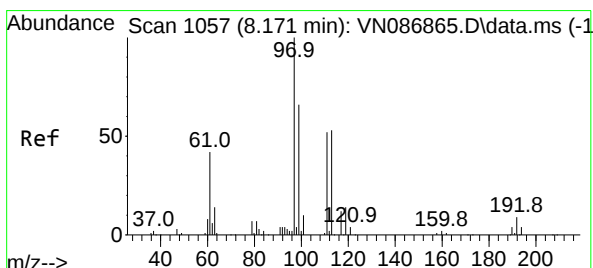
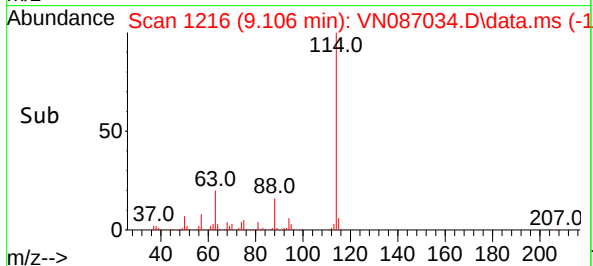
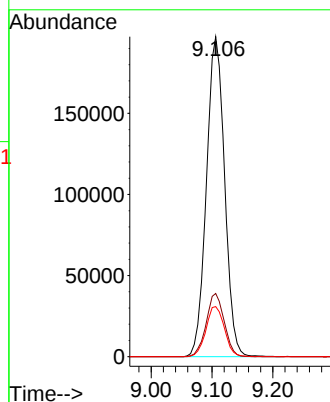
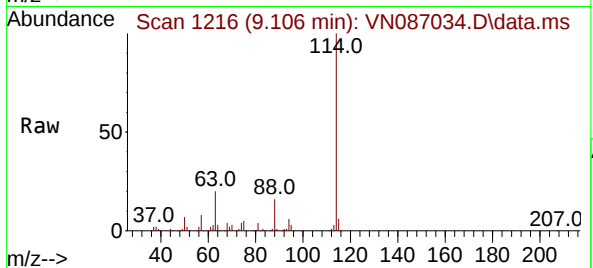
Tgt Ion:114 Resp: 409116

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.108 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087034.D

Acq: 16 Jun 2025 16:15

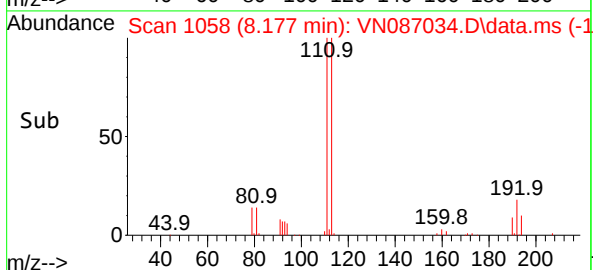
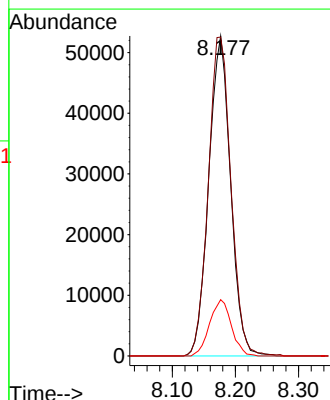
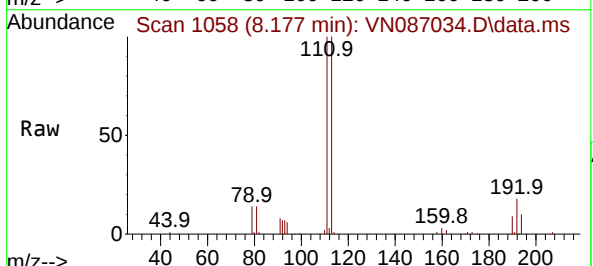
Tgt Ion:113 Resp: 126336

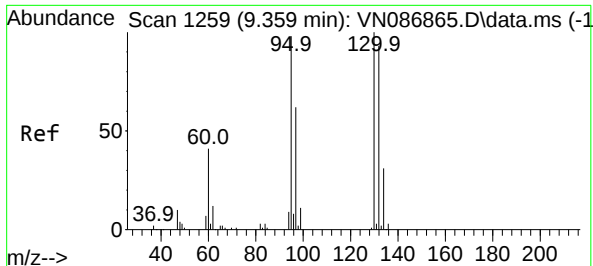
Ion Ratio Lower Upper

113 100

111 103.6 84.2 126.2

192 17.6 14.2 21.4

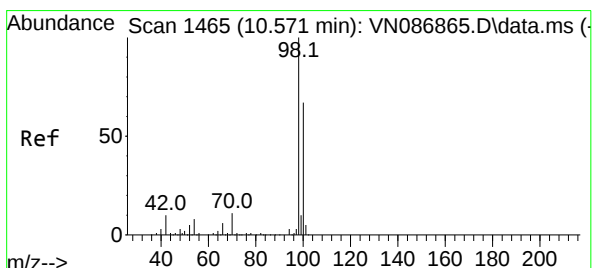
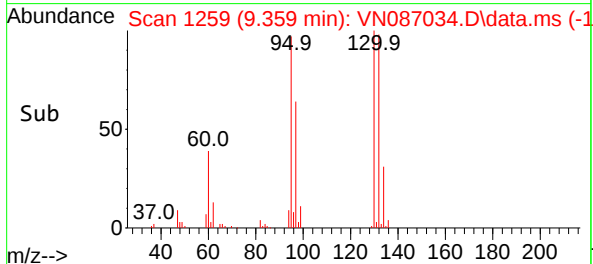
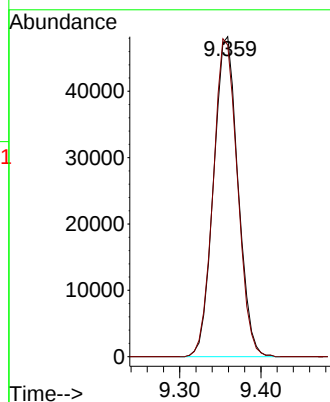
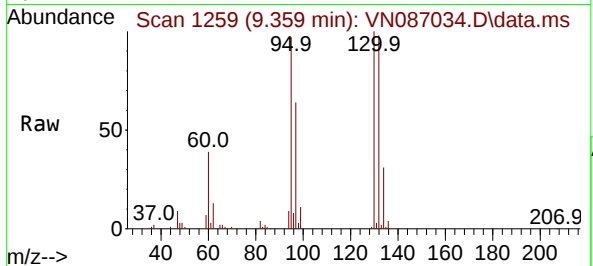




#44
Trichloroethene
Concen: 35.929 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087034.D
Acq: 16 Jun 2025 16:15

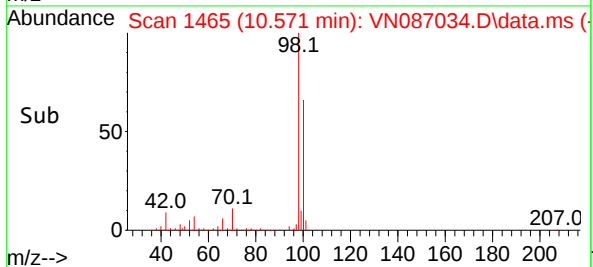
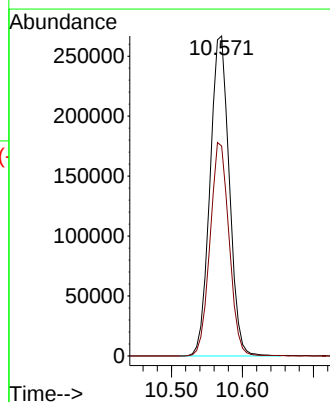
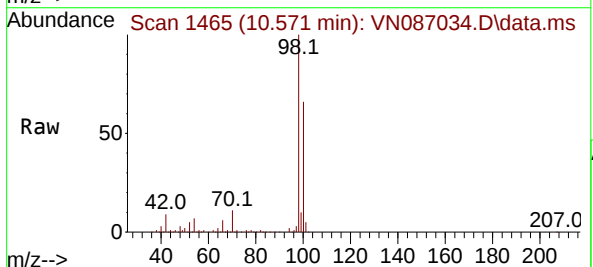
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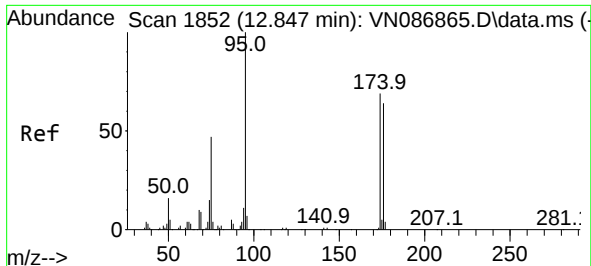
Tgt Ion:130 Resp: 100648
Ion Ratio Lower Upper
130 100
95 97.4 0.0 196.2



#50
Toluene-d8
Concen: 52.434 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087034.D
Acq: 16 Jun 2025 16:15

Tgt Ion: 98 Resp: 503264
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0

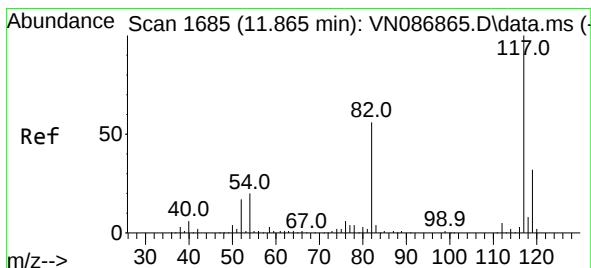
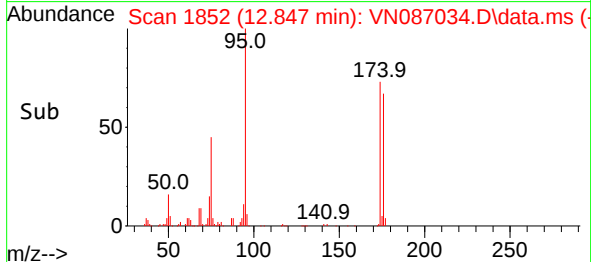
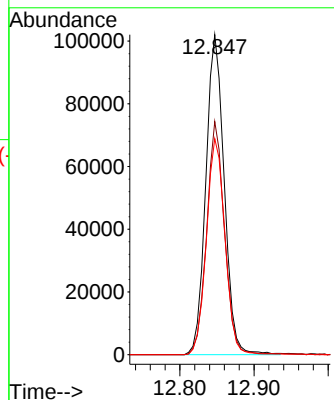
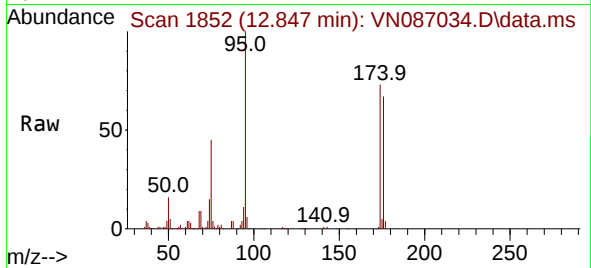




#62
4-Bromofluorobenzene
Concen: 49.227 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087034.D
Acq: 16 Jun 2025 16:15

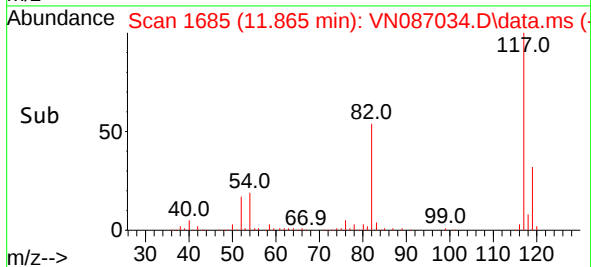
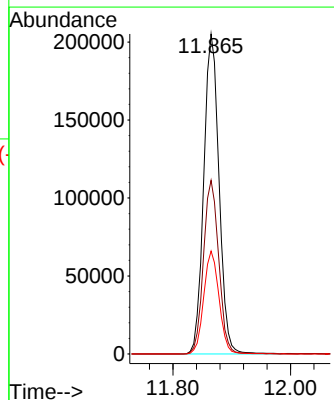
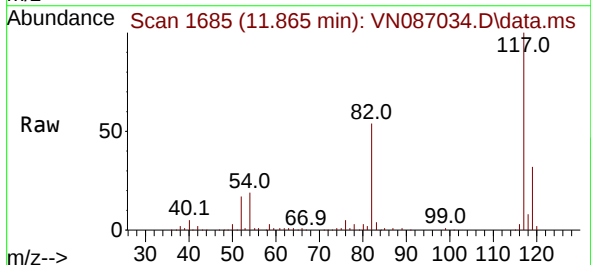
Instrument :
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RE134D4-20250610

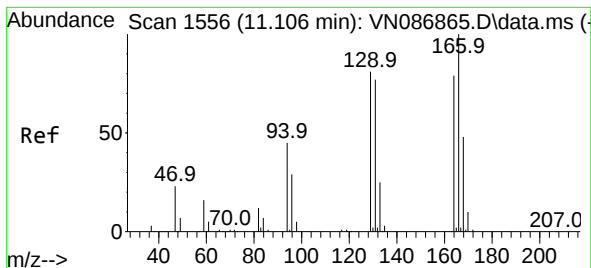
Tgt Ion:	95	Resp:	175542
Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	141.8
176	68.5	0.0	132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087034.D
Acq: 16 Jun 2025 16:15

Tgt Ion:	117	Resp:	370070
Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.6	67.0
119	32.1	25.5	38.3





#64

Tetrachloroethene

Concen: 31.565 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087034.D

Acq: 16 Jun 2025 16:15

Instrument :

MSVOA_N

ClientSampleId :

RE134D4-20250610

Tgt Ion:164 Resp: 73927

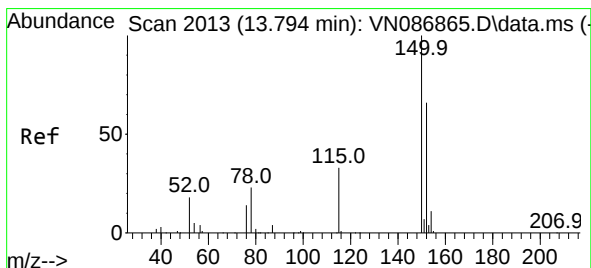
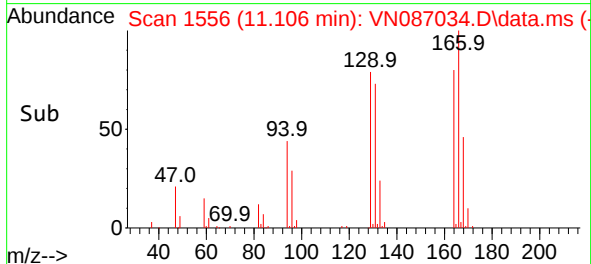
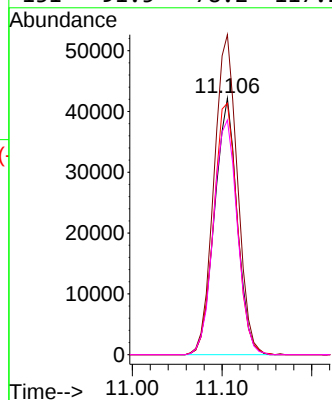
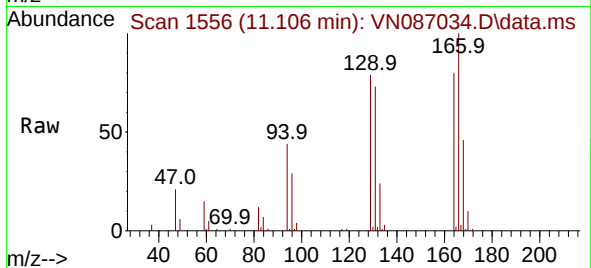
Ion Ratio Lower Upper

164 100

166 124.7 101.8 152.8

129 98.1 83.0 124.4

131 91.5 78.2 117.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN087034.D

Acq: 16 Jun 2025 16:15

Tgt Ion:152 Resp: 169597

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.5

150 160.1 0.0 345.0

