

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087055.D
 Acq On : 17 Jun 2025 13:39
 Operator : JC\MD
 Sample : Q2299-17DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20250610DL

Quant Time: Jun 18 01:47:28 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)

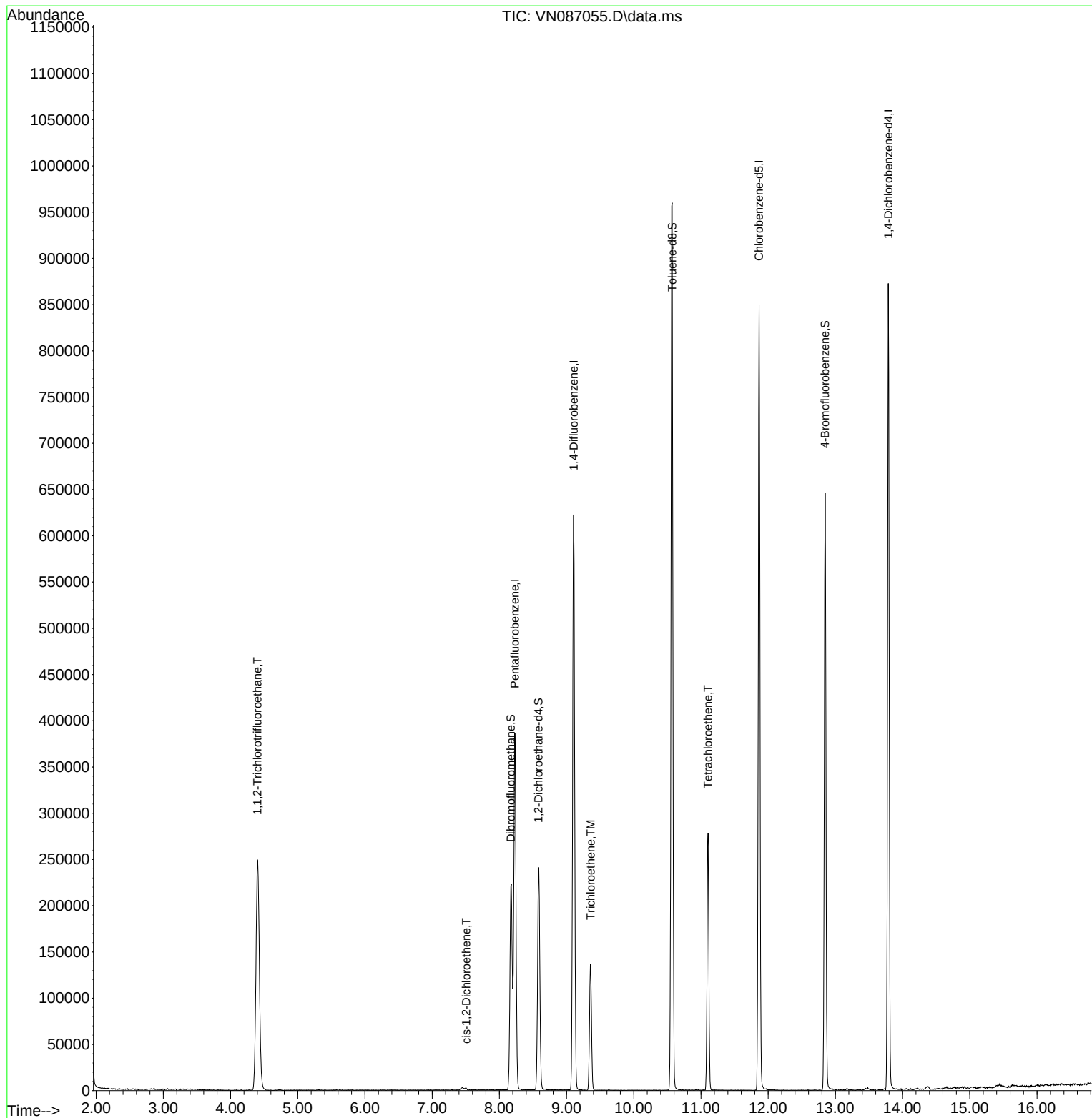
Internal Standards						
1) Pentafluorobenzene	8.230	168	309321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	598780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	533505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	255285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	198501	47.930	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.860%		
35) Dibromofluoromethane	8.171	113	176254	49.670	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.340%		
50) Toluene-d8	10.571	98	729652	51.941	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.880%		
62) 4-Bromofluorobenzene	12.847	95	260591	49.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.860%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.400	101	197130	58.456	ug/l	98
27) cis-1,2-Dichloroethene	7.506	96	1555	0.339	ug/l	81
44) Trichloroethene	9.359	130	55375	13.506	ug/l	93
64) Tetrachloroethene	11.106	164	70237	20.803	ug/l	94

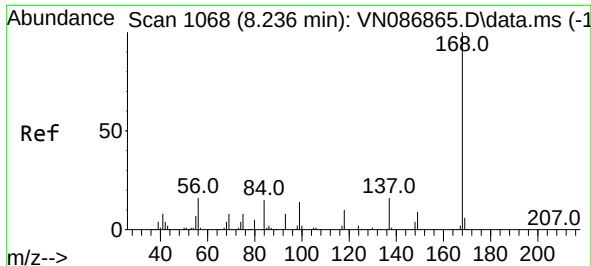
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

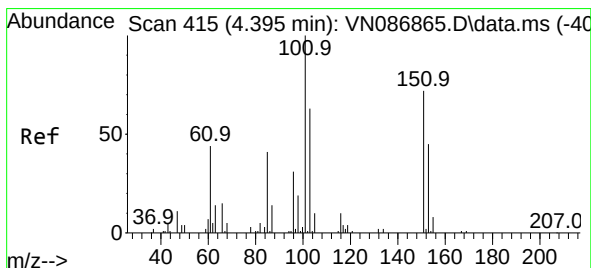
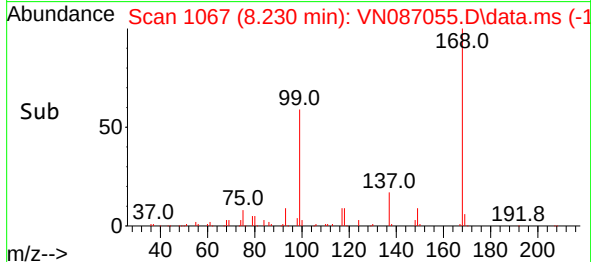
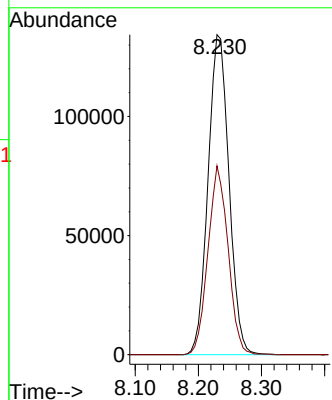
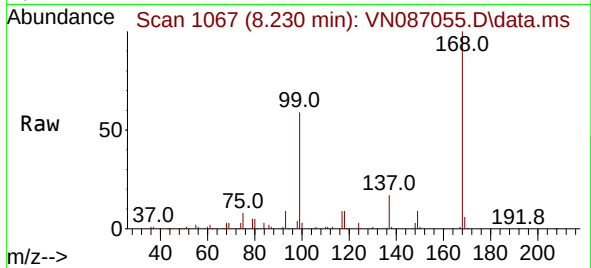




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087055.D
Acq: 17 Jun 2025 13:39

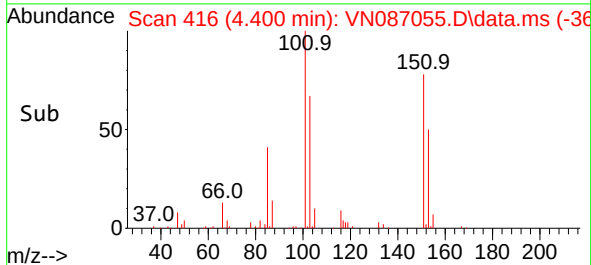
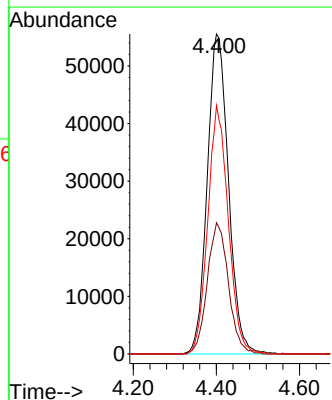
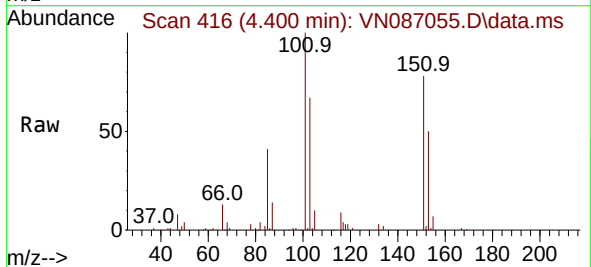
Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20250610DL

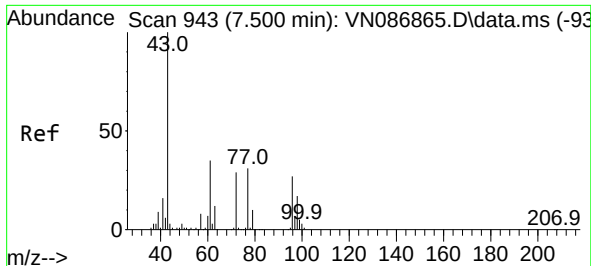
Tgt Ion:168 Resp: 309321
Ion Ratio Lower Upper
168 100
99 59.0 49.1 73.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.456 ug/l
RT: 4.400 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN087055.D
Acq: 17 Jun 2025 13:39

Tgt Ion:101 Resp: 197130
Ion Ratio Lower Upper
101 100
85 40.8 33.8 50.8
151 74.9 58.7 88.1

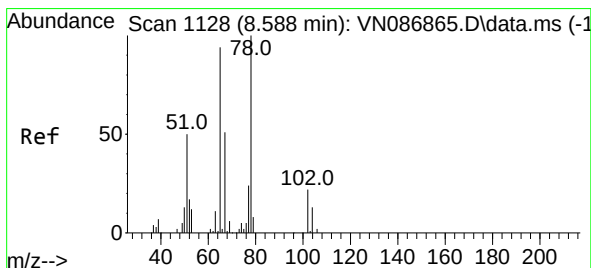
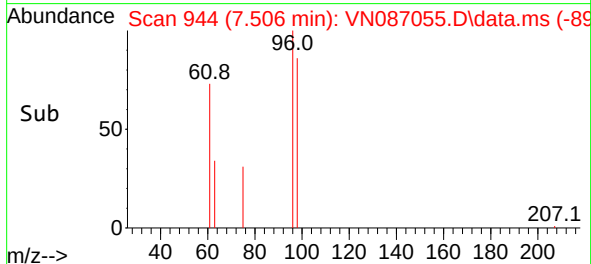
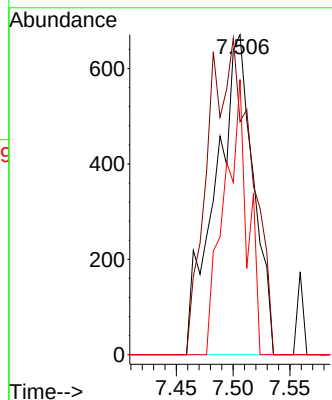
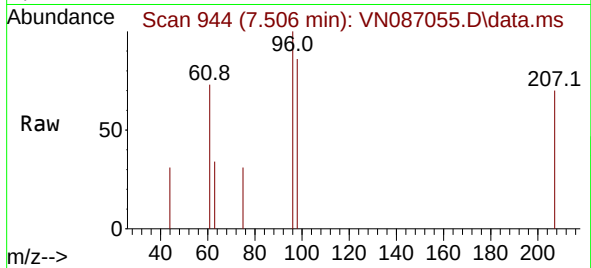




#27
 cis-1,2-Dichloroethene
 Concen: 0.339 ug/l
 RT: 7.506 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN087055.D
 Acq: 17 Jun 2025 13:39

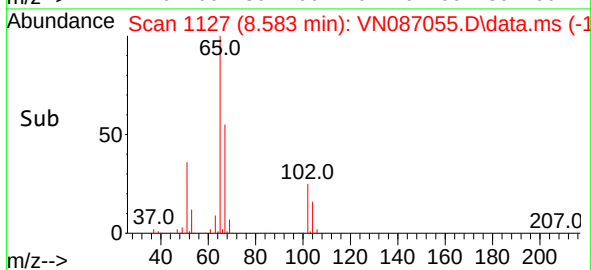
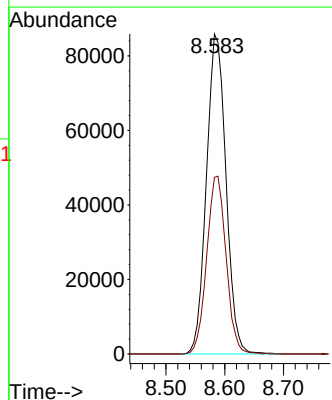
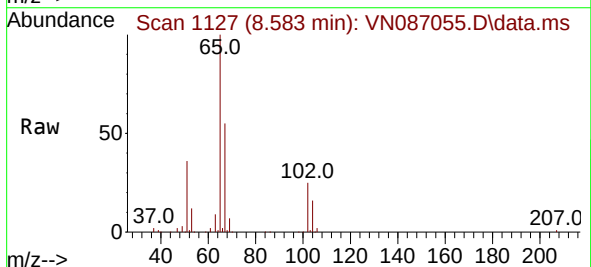
Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20250610DL

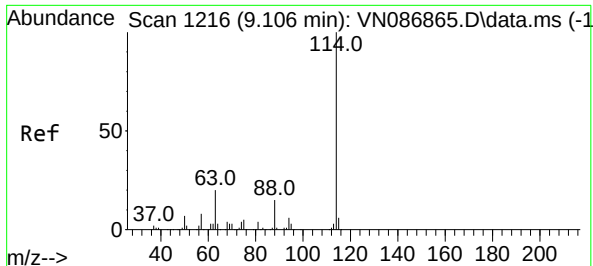
Tgt Ion: 96 Resp: 1555
 Ion Ratio Lower Upper
 96 100
 61 113.8 0.0 278.0
 98 52.7 0.0 128.2



#33
 1,2-Dichloroethane-d4
 Concen: 47.930 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VN087055.D
 Acq: 17 Jun 2025 13:39

Tgt Ion: 65 Resp: 198501
 Ion Ratio Lower Upper
 65 100
 67 55.1 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: VN087055.D

Acq: 17 Jun 2025 13:39

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20250610DL

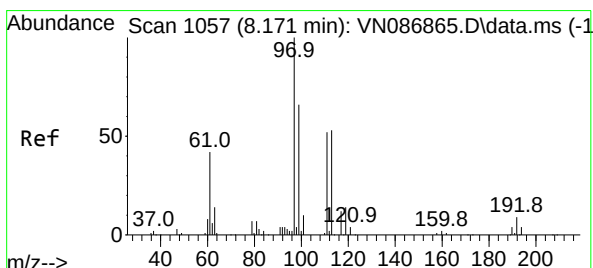
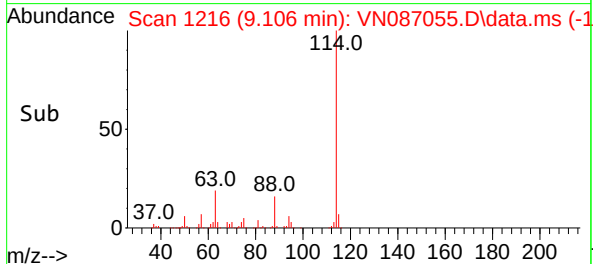
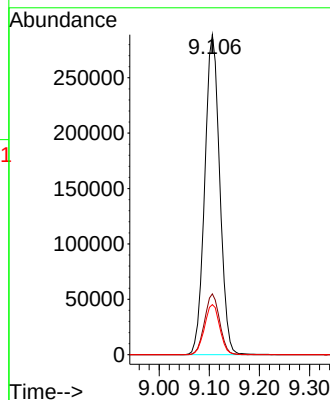
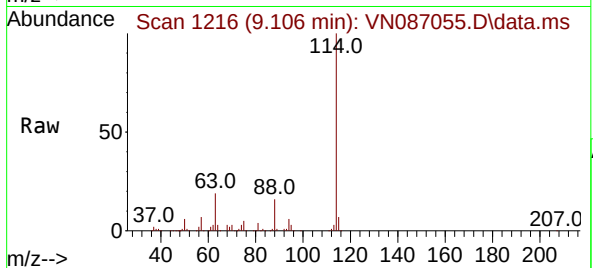
Tgt Ion:114 Resp: 598780

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.670 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN087055.D

Acq: 17 Jun 2025 13:39

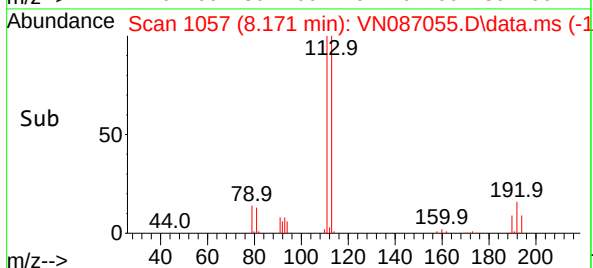
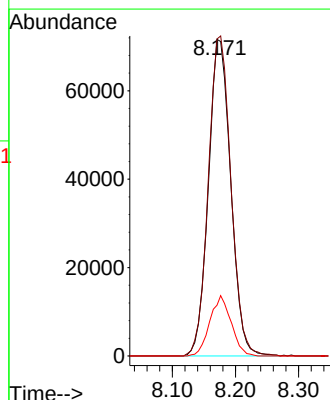
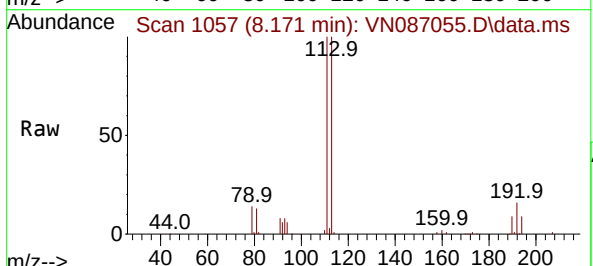
Tgt Ion:113 Resp: 176254

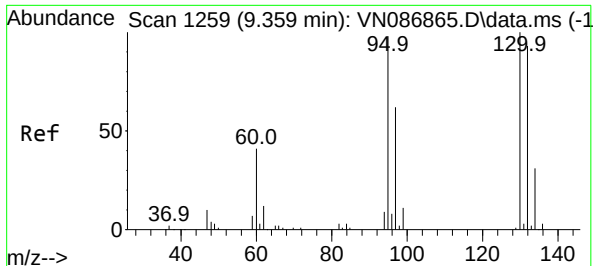
Ion Ratio Lower Upper

113 100

111 102.1 84.2 126.2

192 18.1 14.2 21.4

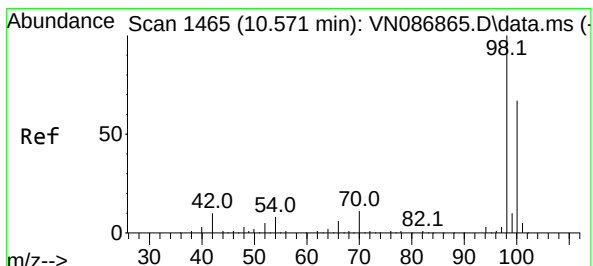
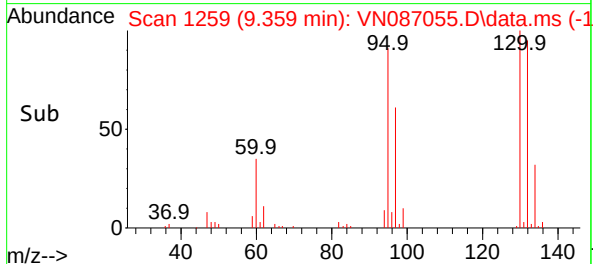
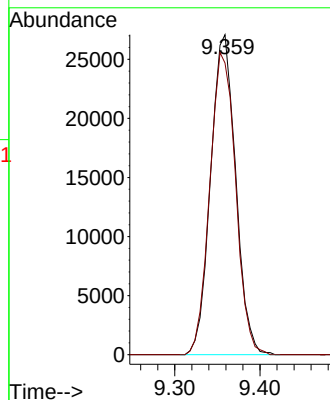
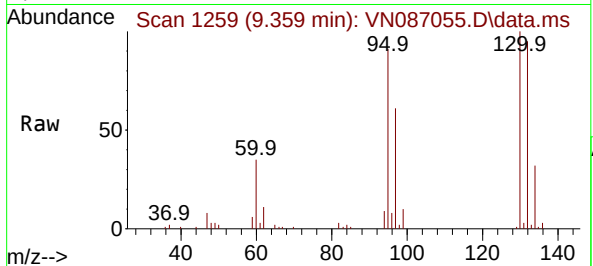




#44
Trichloroethene
Concen: 13.506 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087055.D
Acq: 17 Jun 2025 13:39

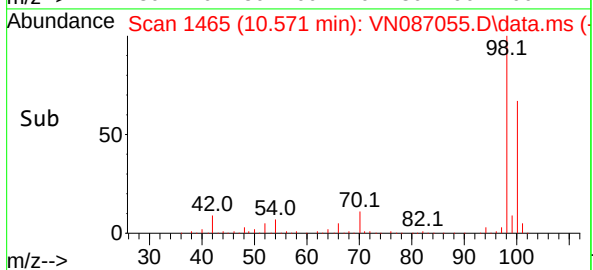
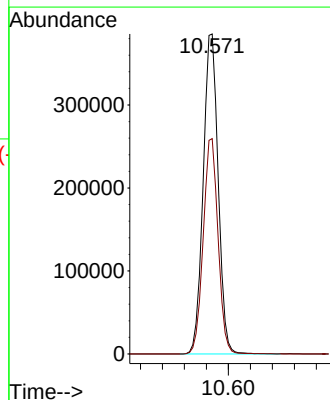
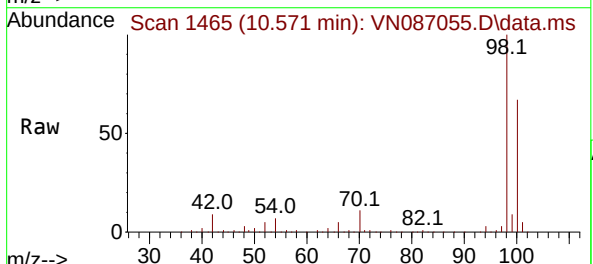
Instrument :
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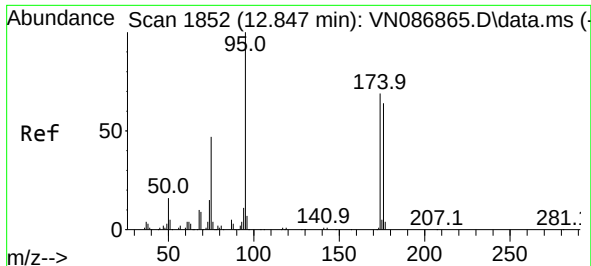
Tgt Ion:130 Resp: 55375
Ion Ratio Lower Upper
130 100
95 91.1 0.0 196.2



#50
Toluene-d8
Concen: 51.941 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087055.D
Acq: 17 Jun 2025 13:39

Tgt Ion: 98 Resp: 729652
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0

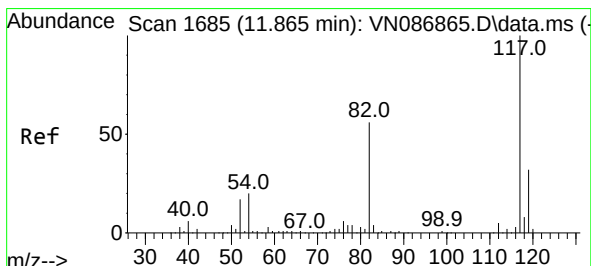
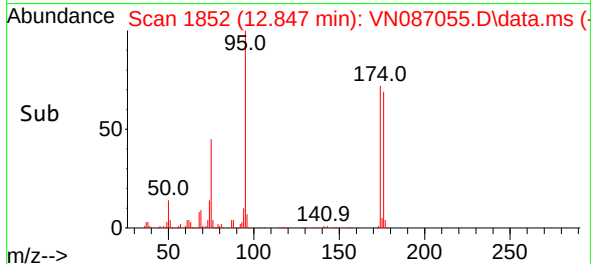
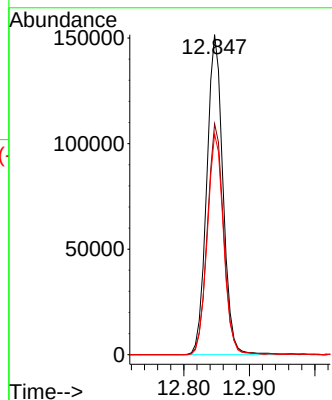
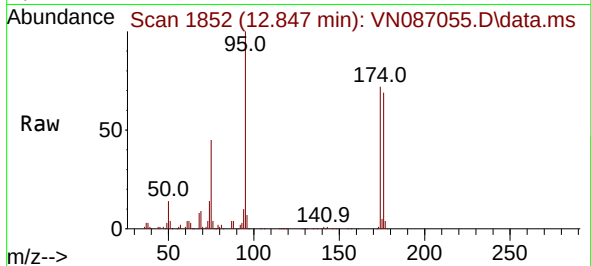




#62
4-Bromofluorobenzene
Concen: 49.930 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087055.D
Acq: 17 Jun 2025 13:39

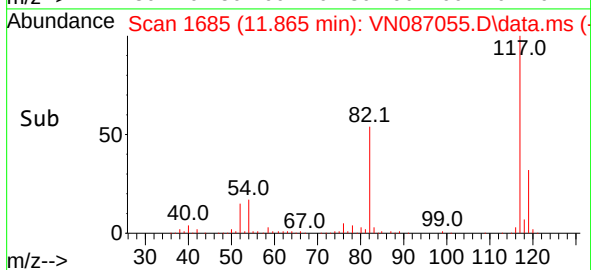
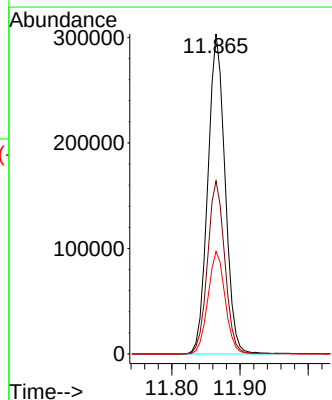
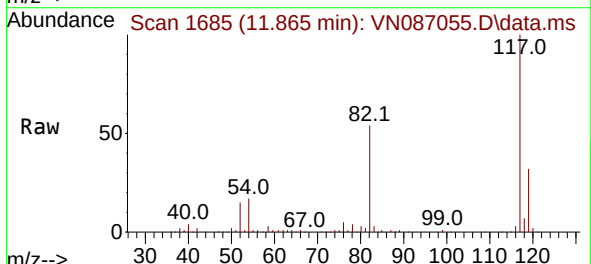
Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20250610DL

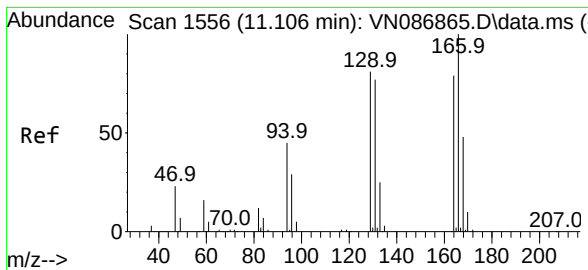
Tgt Ion: 95 Resp: 260591
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.8
176 69.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087055.D
Acq: 17 Jun 2025 13:39

Tgt Ion: 117 Resp: 533505
Ion Ratio Lower Upper
117 100
82 54.1 44.6 67.0
119 32.1 25.5 38.3





#64

Tetrachloroethene

Concen: 20.803 ug/l

RT: 11.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087055.D

Acq: 17 Jun 2025 13:39

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20250610DL

Tgt Ion:164 Resp: 70237

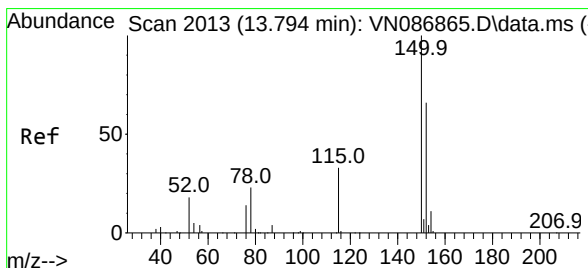
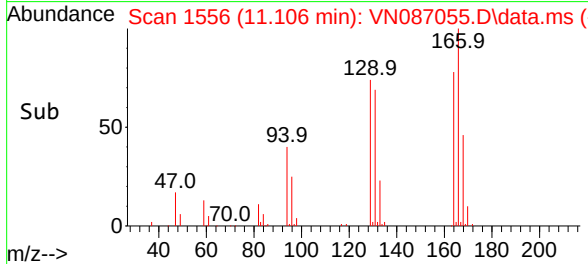
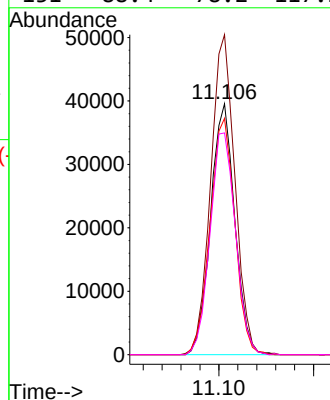
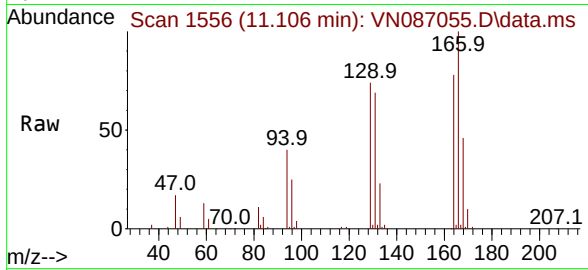
Ion Ratio Lower Upper

164 100

166 127.5 101.8 152.8

129 94.2 83.0 124.4

131 88.4 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: VN087055.D

Acq: 17 Jun 2025 13:39

Tgt Ion:152 Resp: 255285

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

150 157.3 0.0 345.0

