

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084238.D
 Acq On : 01 Oct 2024 14:42
 Operator : JC\MD
 Sample : P4116-22DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D4-20240918DL

Quant Time: Oct 02 06:57:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

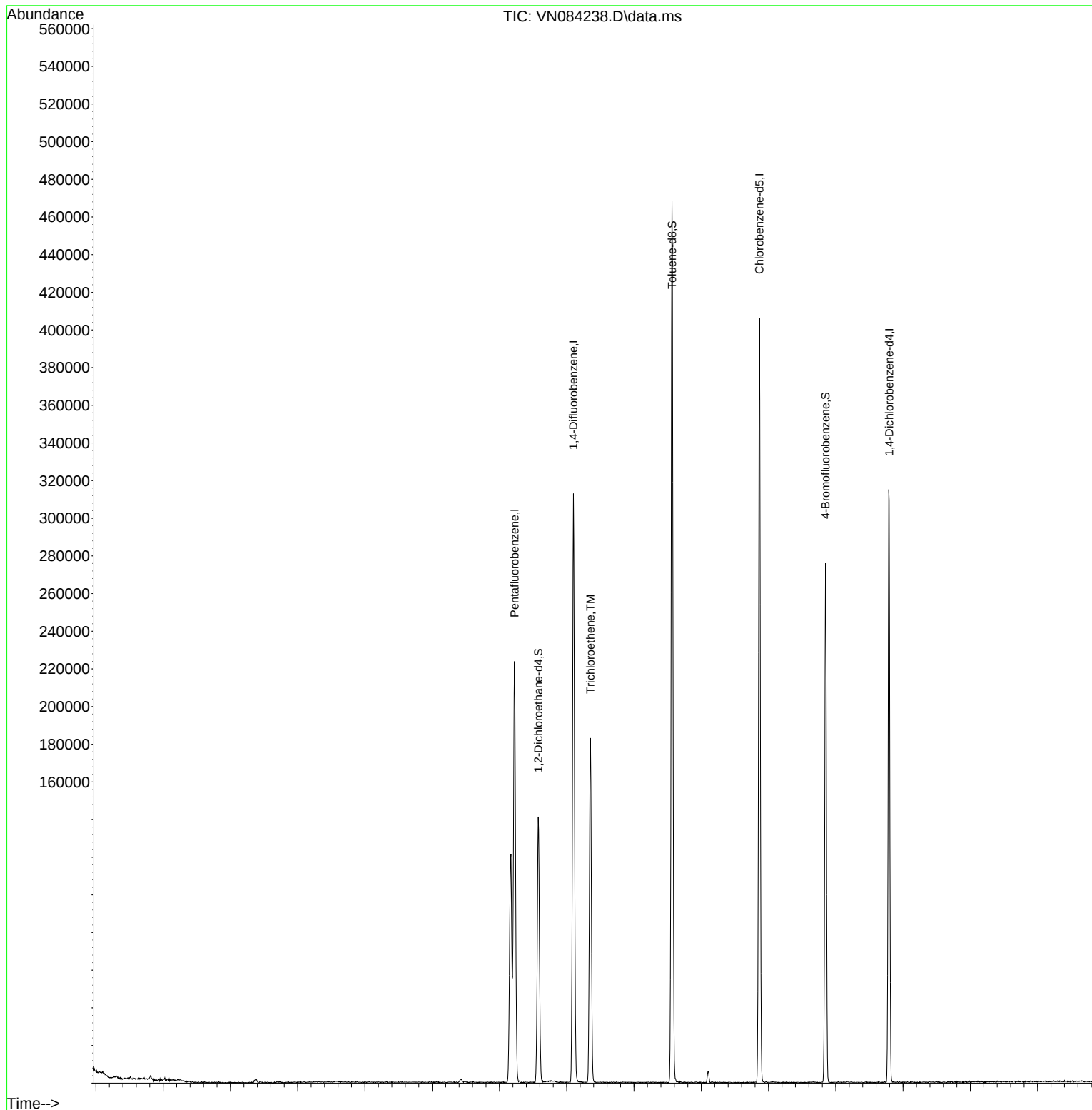
Internal Standards						
1) Pentafluorobenzene	8.224	168	153335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114379	50.310	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	100.620%	
35) Dibromofluoromethane	8.171	113	88840	51.162	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.320%	
50) Toluene-d8	10.565	98	320329	50.141	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.280%	
62) 4-Bromofluorobenzene	12.847	95	96924	41.645	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	83.280%	
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.359	101	641	0.358	ug/l #	45
44) Trichloroethene	9.353	130	67658	36.863	ug/l	94
64) Tetrachloroethene	11.106	164	1377	0.878	ug/l #	82

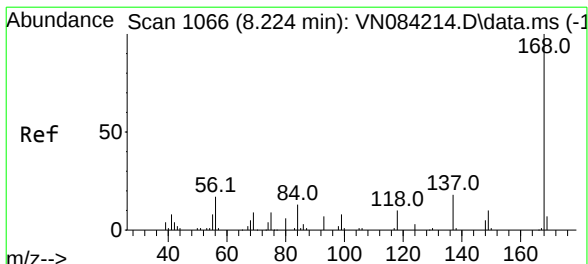
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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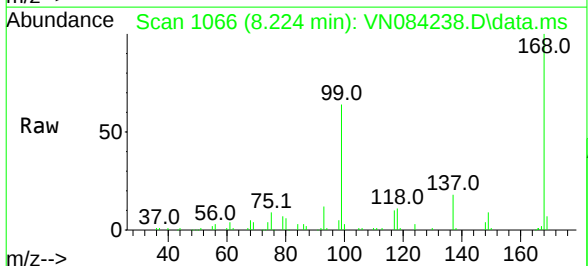
Quant Time: Oct 02 06:57:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
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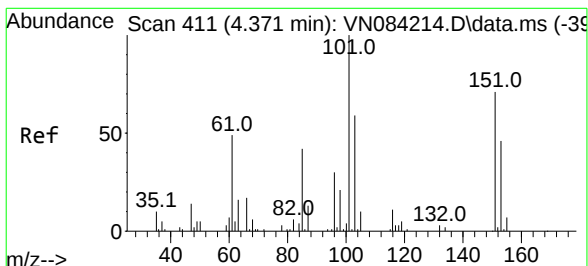
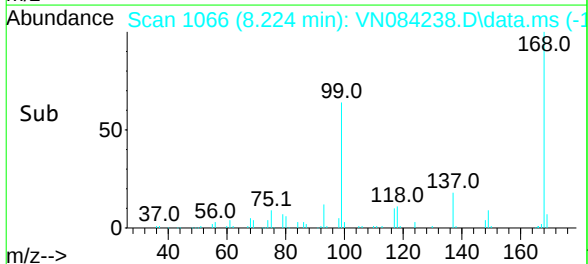
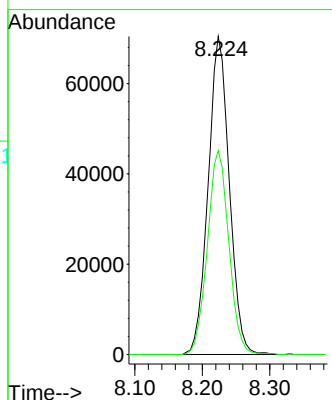


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084238.D
Acq: 01 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20240918DL

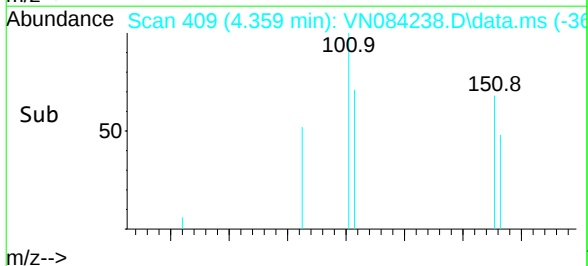
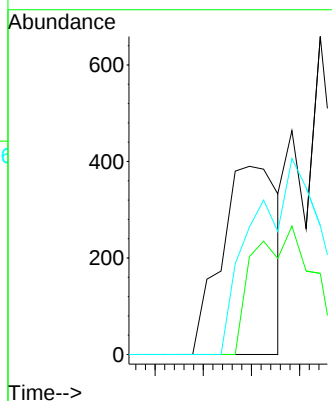
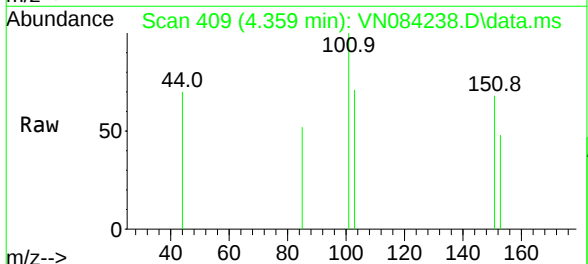


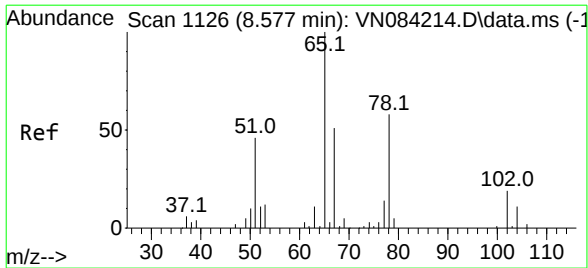
Tgt Ion:168 Resp: 153335
Ion Ratio Lower Upper
168 100
99 64.1 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.358 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN084238.D
Acq: 01 Oct 2024 14:42

Tgt Ion:101 Resp: 641
Ion Ratio Lower Upper
101 100
85 68.5 36.2 54.4#
151 131.4 59.3 88.9#



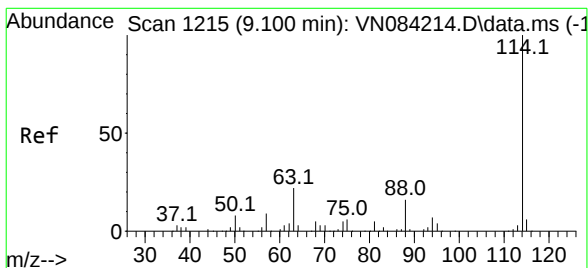
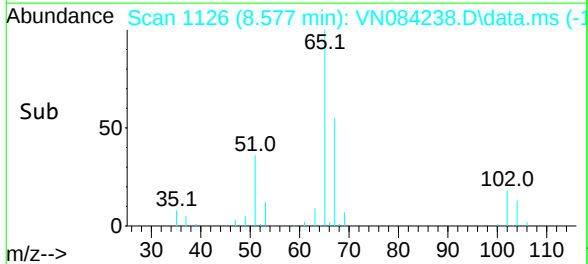
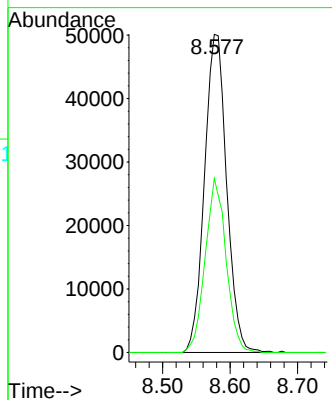
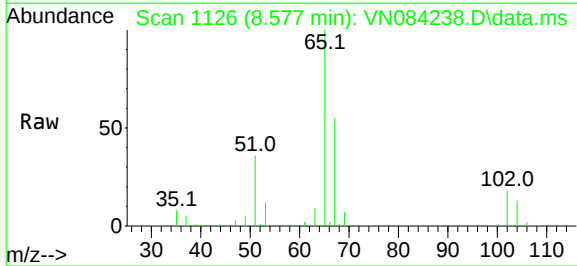


#33
 1,2-Dichloroethane-d4
 Concen: 50.310 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: VN084238.D
 Acq: 01 Oct 2024 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D4-20240918DL

Tgt Ion: 65 Resp: 114379

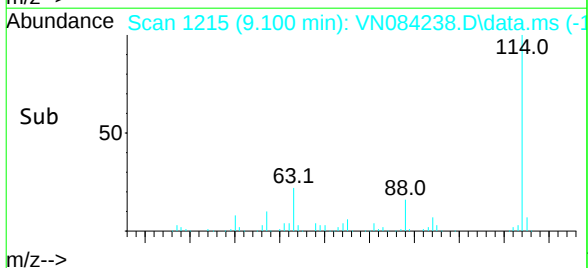
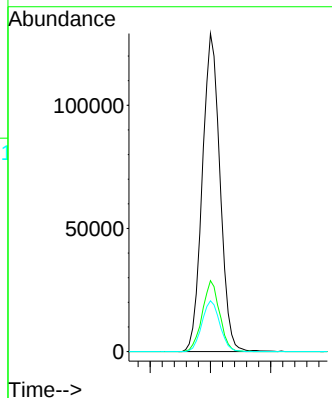
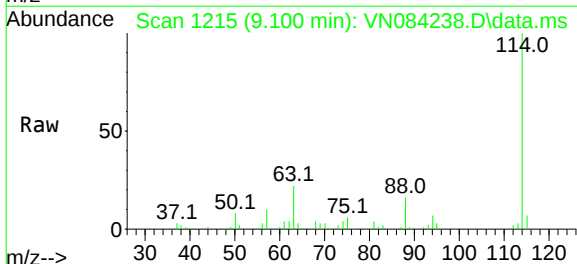
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.0

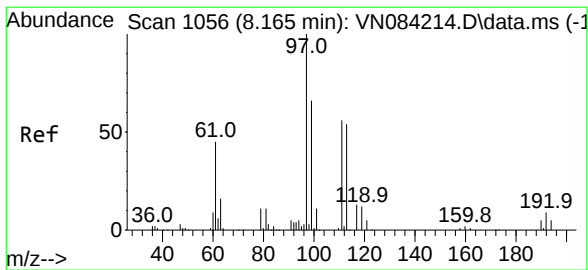


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084238.D
 Acq: 01 Oct 2024 14:42

Tgt Ion: 114 Resp: 263391

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.8
88	16.0	0.0	31.6





#35

Dibromofluoromethane

Concen: 51.162 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084238.D

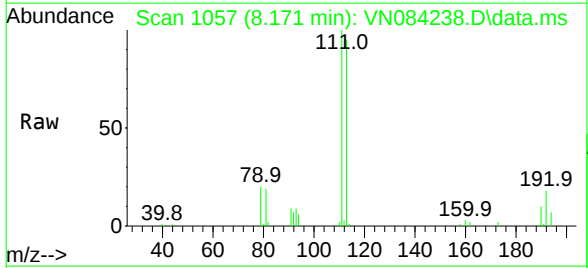
Acq: 01 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

RE132D4-20240918DL



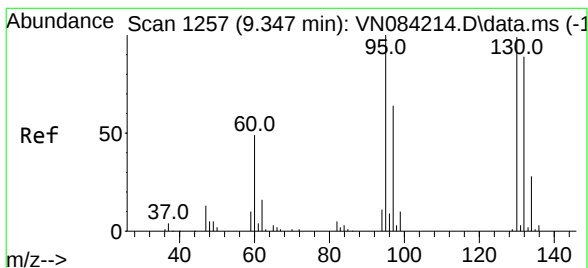
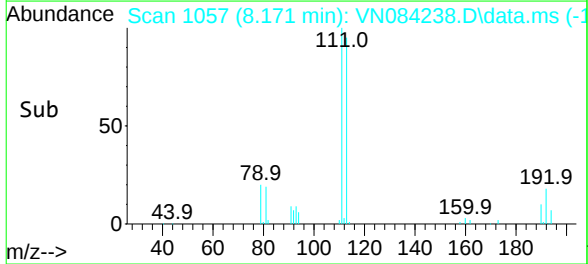
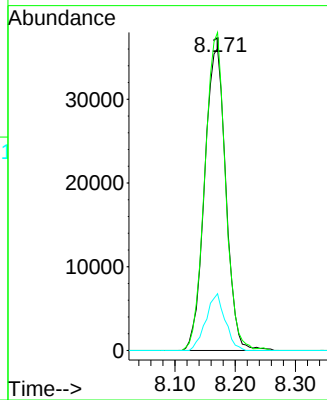
Tgt Ion:113 Resp: 88840

Ion Ratio Lower Upper

113 100

111 101.8 83.3 124.9

192 16.9 13.5 20.3



#44

Trichloroethene

Concen: 36.863 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084238.D

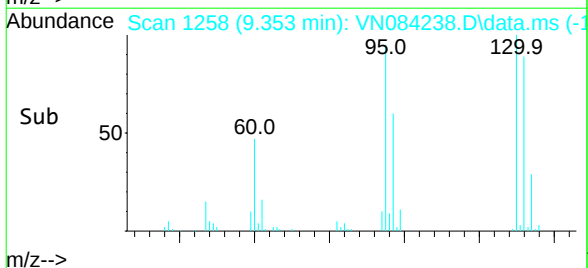
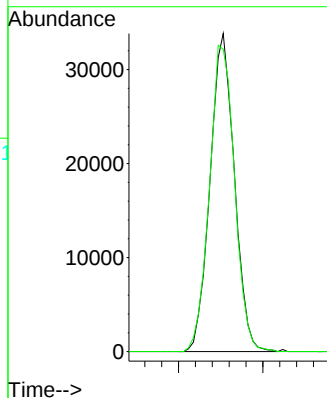
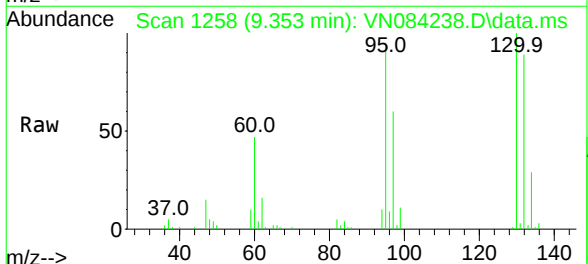
Acq: 01 Oct 2024 14:42

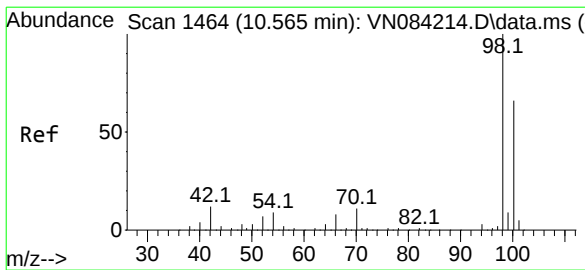
Tgt Ion:130 Resp: 67658

Ion Ratio Lower Upper

130 100

95 95.1 0.0 203.0





#50

Toluene-d8

Concen: 50.141 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084238.D

Acq: 01 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

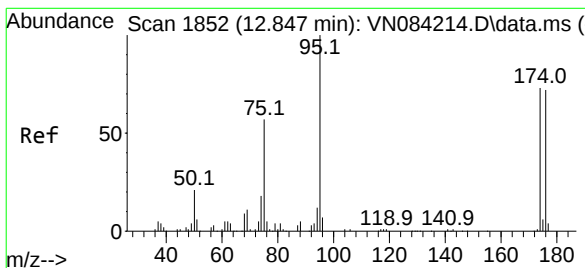
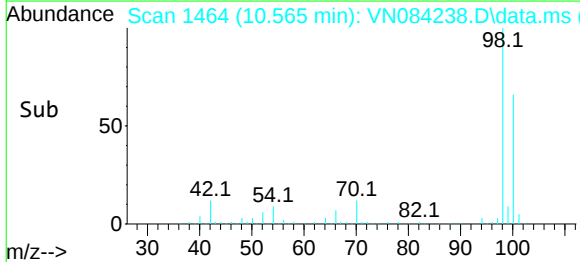
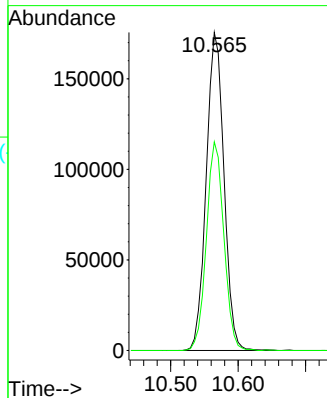
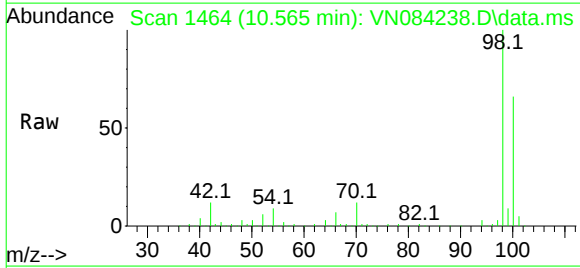
RE132D4-20240918DL

Tgt Ion: 98 Resp: 320329

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 41.645 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084238.D

Acq: 01 Oct 2024 14:42

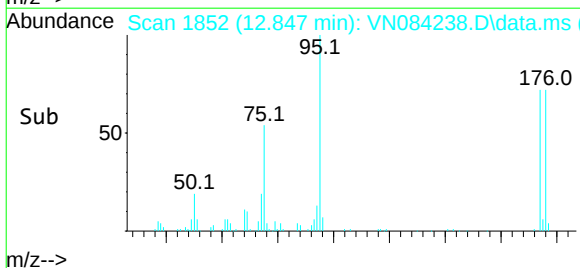
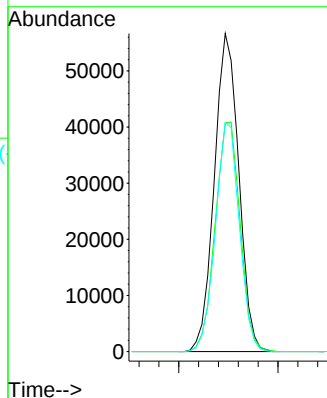
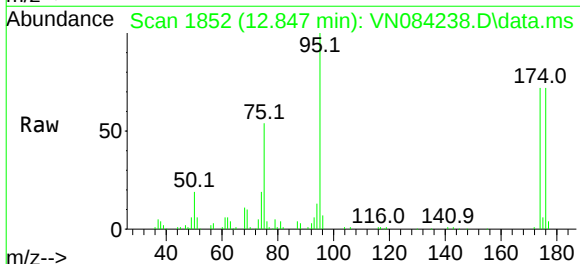
Tgt Ion: 95 Resp: 96924

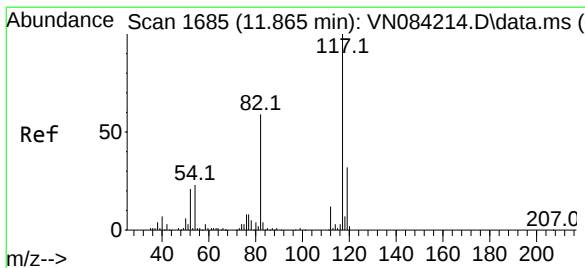
Ion Ratio Lower Upper

95 100

174 73.5 0.0 145.2

176 70.5 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN084238.D

Acq: 01 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

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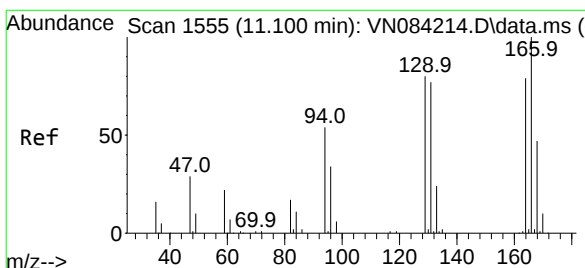
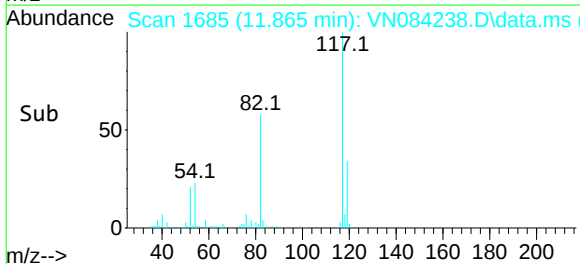
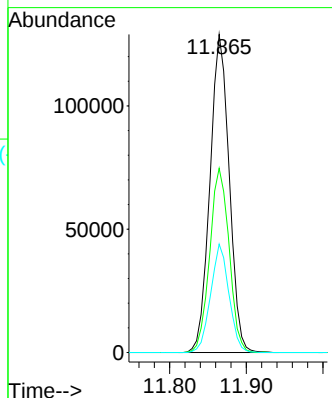
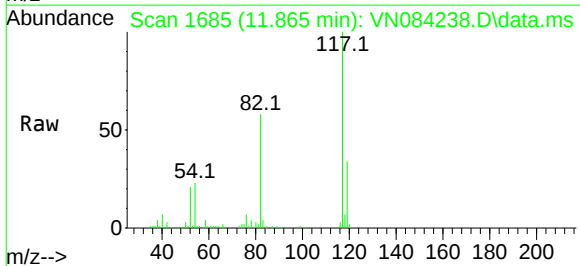
Tgt Ion:117 Resp: 225161

Ion Ratio Lower Upper

117 100

82 57.9 47.2 70.8

119 34.1 25.4 38.0



#64

Tetrachloroethene

Concen: 0.878 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN084238.D

Acq: 01 Oct 2024 14:42

Tgt Ion:164 Resp: 1377

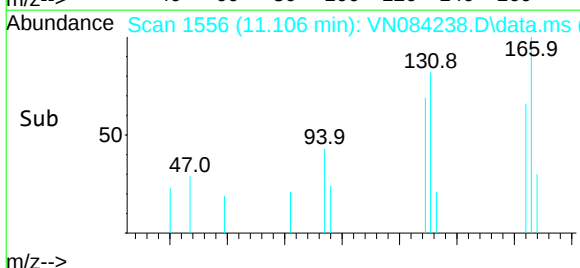
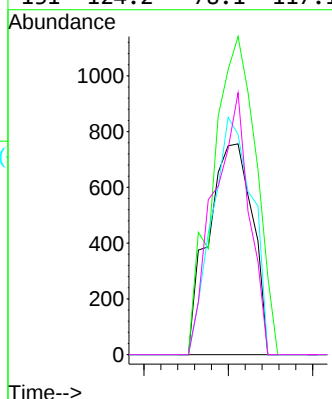
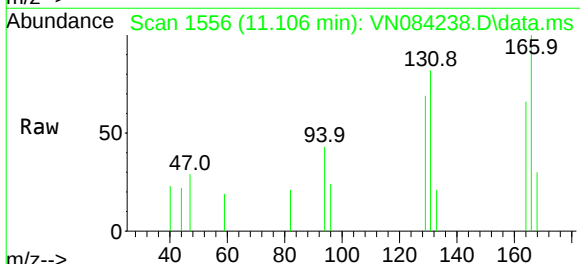
Ion Ratio Lower Upper

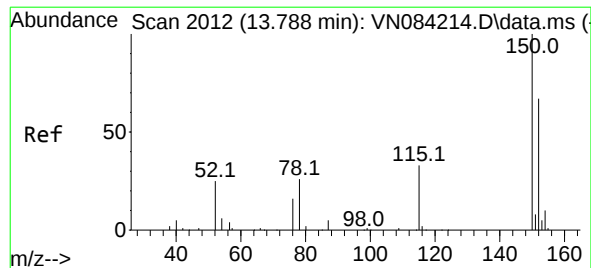
164 100

166 150.9 101.0 151.4

129 104.5 80.8 121.2

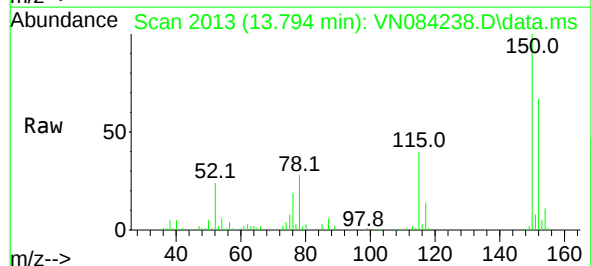
131 124.2 78.1 117.1#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084238.D
 Acq: 01 Oct 2024 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D4-20240918DL



Tgt Ion:	152	Resp:	84944
Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.3	93.9
150	153.9	0.0	349.8

