

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084271.D
 Acq On : 02 Oct 2024 17:45
 Operator : JC\MD
 Sample : P4226-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT205S1-20240925

Quant Time: Oct 03 02:02:43 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)

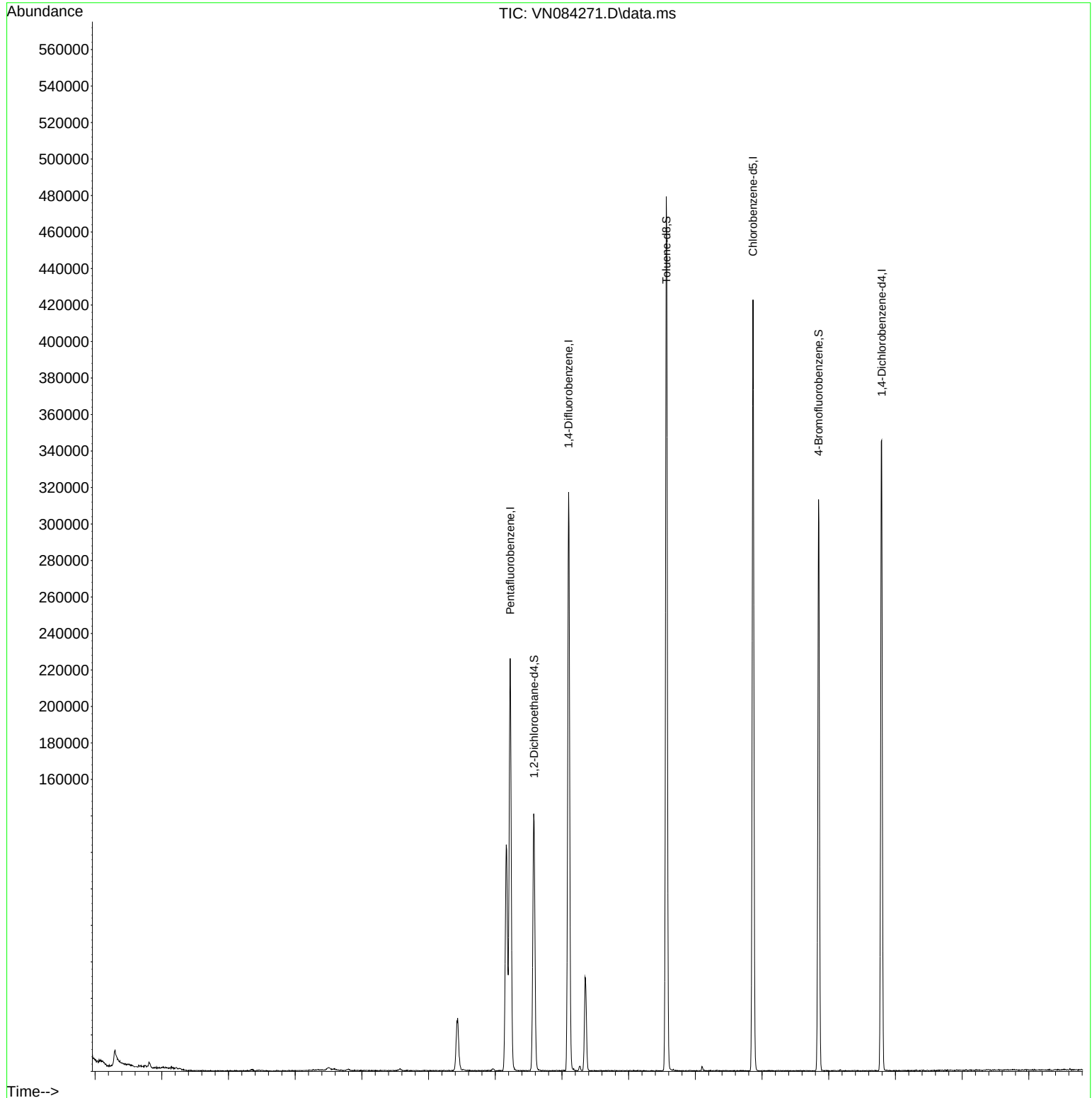
Internal Standards						
1) Pentafluorobenzene	8.224	168	155781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116683	50.518	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.040%
35) Dibromofluoromethane	8.171	113	91062	51.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.060%
50) Toluene-d8	10.565	98	325573	50.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.847	95	111650	47.135	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.280%
Target Compounds						
					Qvalue	
30) Chloroform	7.959	83	1210	0.331	ug/l #	72
44) Trichloroethene	9.353	130	18821	10.075	ug/l	100
64) Tetrachloroethene	11.094	164	555	0.345	ug/l #	51

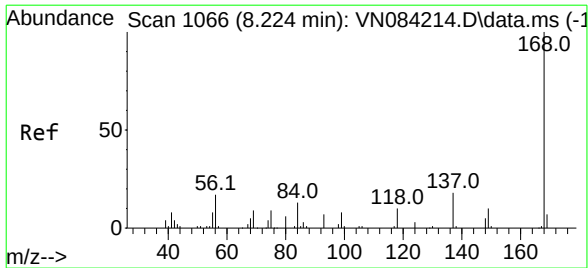
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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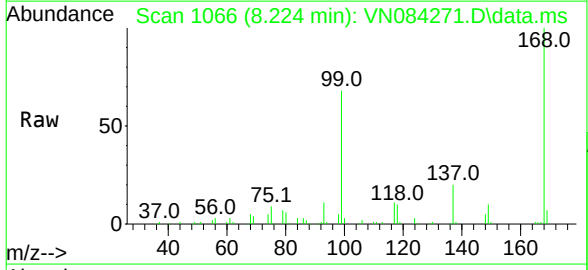
Quant Time: Oct 03 02:02:43 2024
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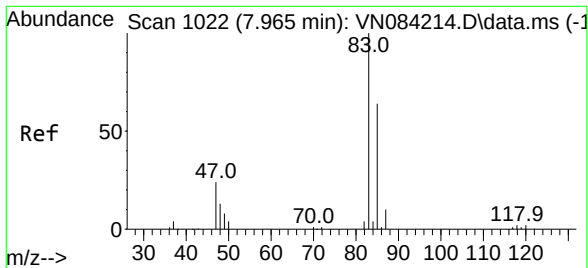
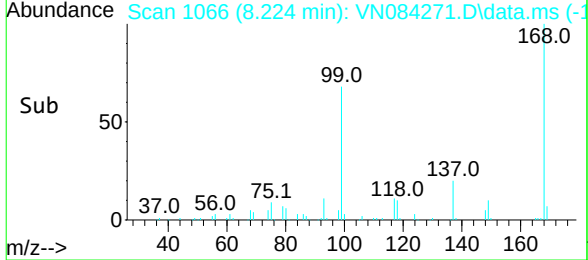
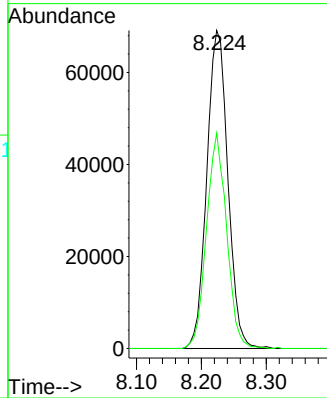


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084271.D
Acq: 02 Oct 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

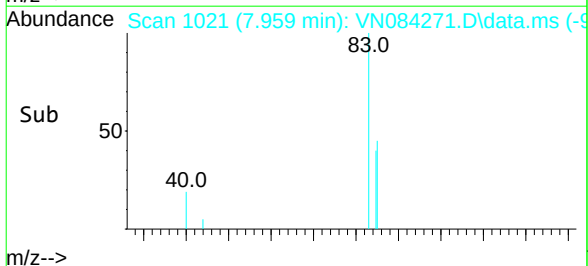
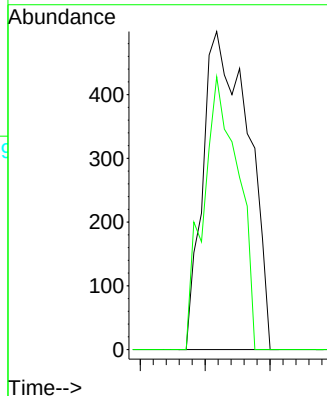
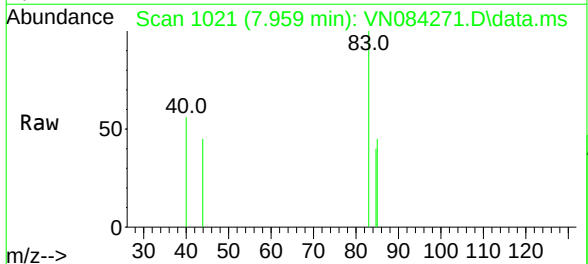


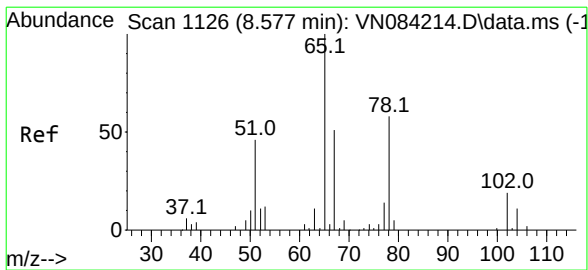
Tgt Ion:168 Resp: 155781
Ion Ratio Lower Upper
168 100
99 67.7 54.2 81.2



#30
Chloroform
Concen: 0.331 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084271.D
Acq: 02 Oct 2024 17:45

Tgt Ion: 83 Resp: 1210
Ion Ratio Lower Upper
83 100
85 85.8 51.0 76.4#

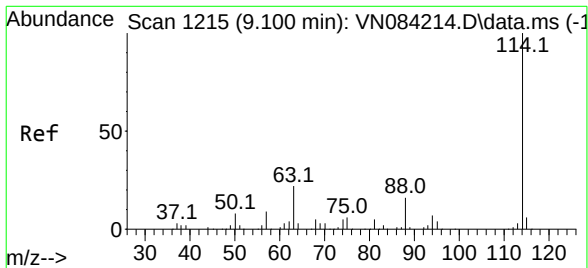
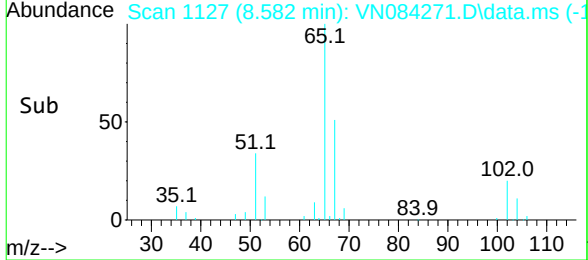
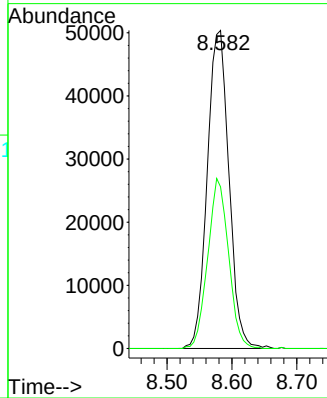
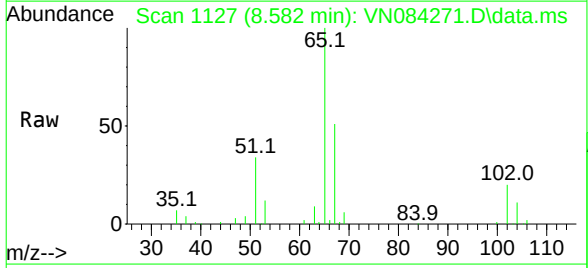




#33
1,2-Dichloroethane-d4
Concen: 50.518 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084271.D
Acq: 02 Oct 2024 17:45

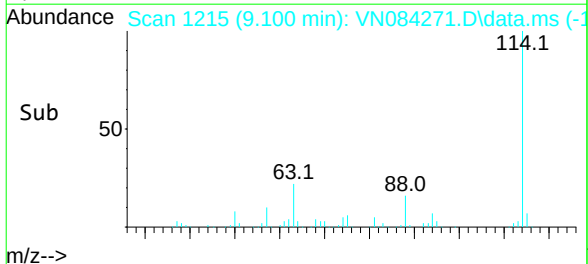
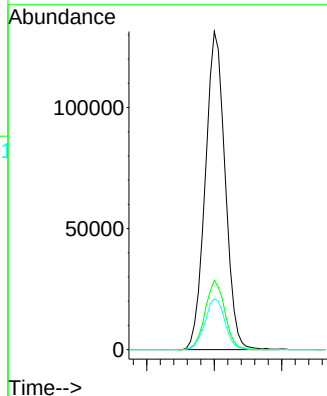
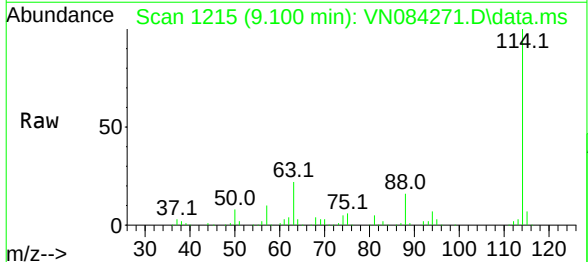
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

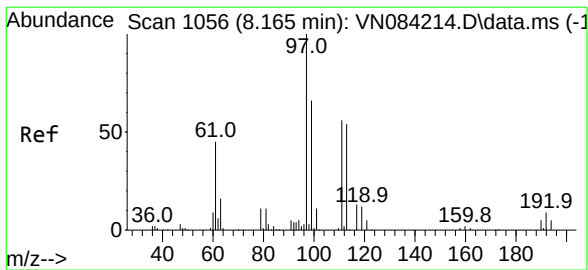
Tgt Ion: 65 Resp: 116683
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084271.D
Acq: 02 Oct 2024 17:45

Tgt Ion: 114 Resp: 268067
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.8
88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.527 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084271.D

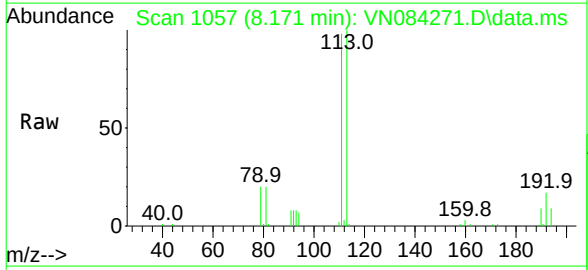
Acq: 02 Oct 2024 17:45

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20240925



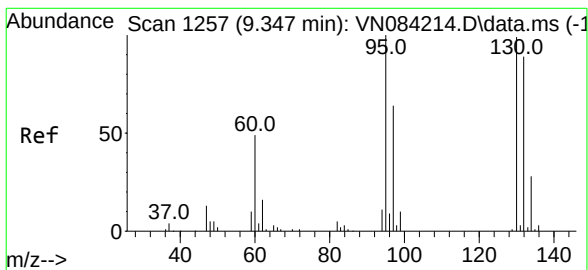
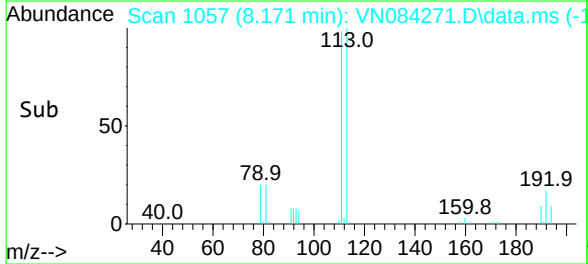
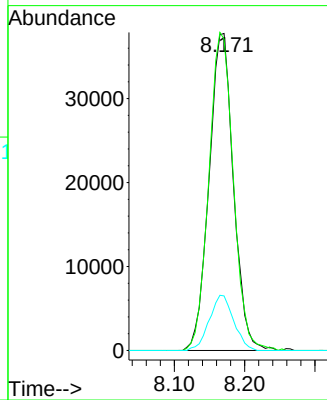
Tgt Ion:113 Resp: 91062

Ion Ratio Lower Upper

113 100

111 100.7 83.3 124.9

192 17.4 13.5 20.3



#44

Trichloroethene

Concen: 10.075 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084271.D

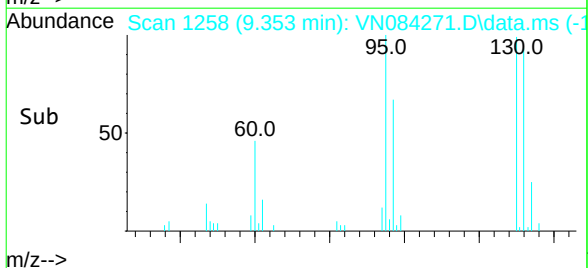
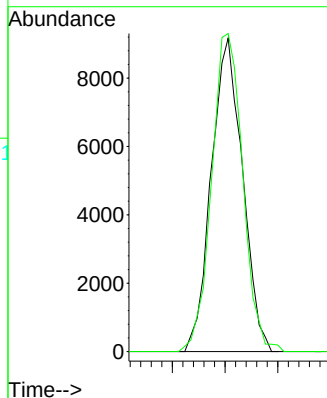
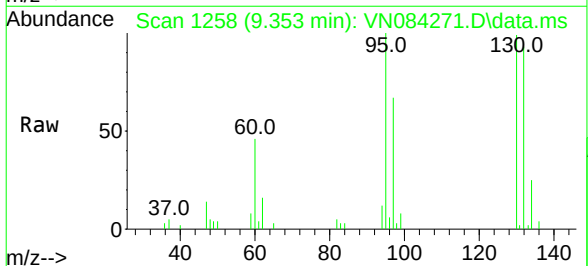
Acq: 02 Oct 2024 17:45

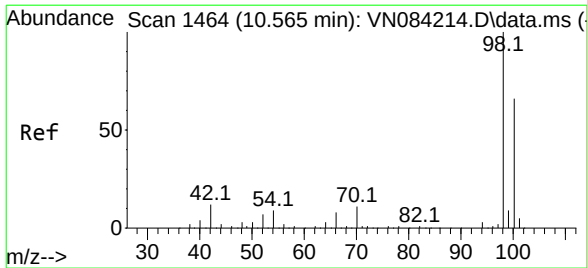
Tgt Ion:130 Resp: 18821

Ion Ratio Lower Upper

130 100

95 101.4 0.0 203.0





#50

Toluene-d8

Concen: 50.073 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084271.D

Acq: 02 Oct 2024 17:45

Instrument :

MSVOA_N

ClientSampleId :

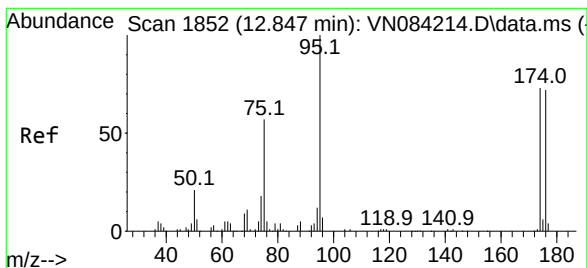
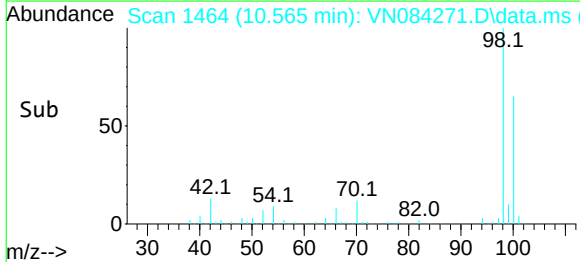
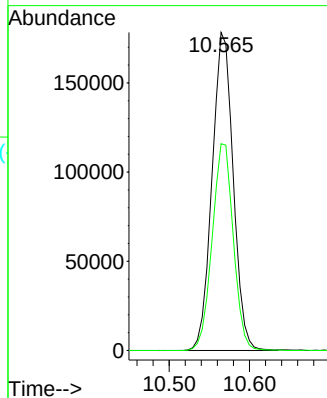
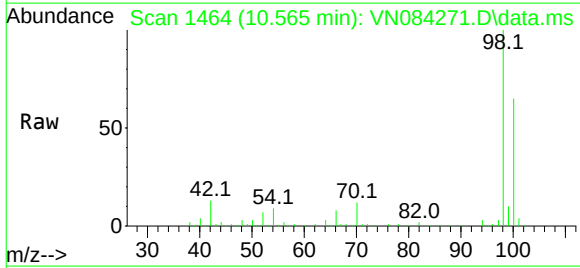
TT205S1-20240925

Tgt Ion: 98 Resp: 325573

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 47.135 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084271.D

Acq: 02 Oct 2024 17:45

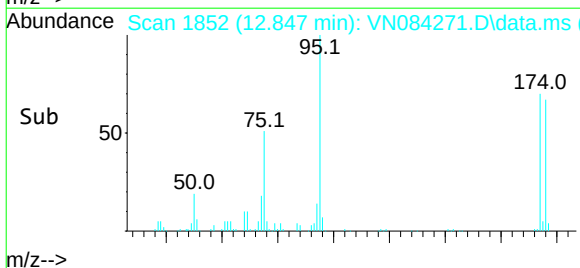
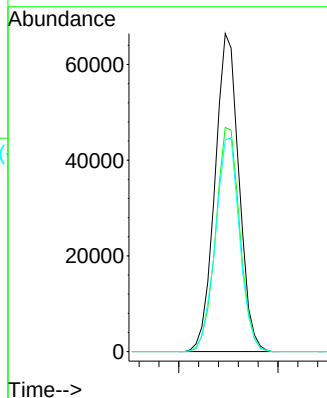
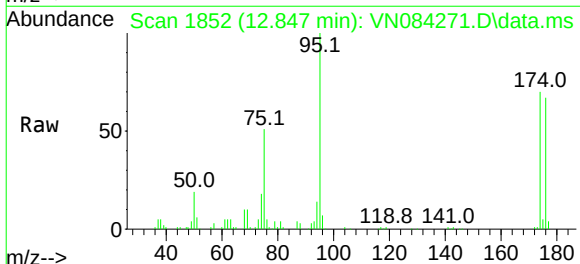
Tgt Ion: 95 Resp: 111650

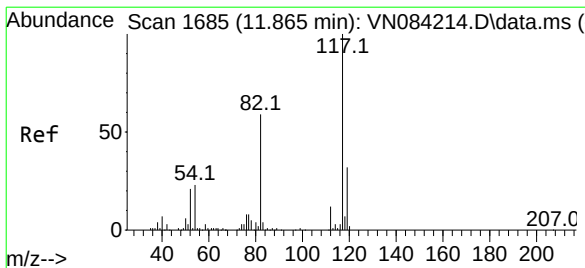
Ion Ratio Lower Upper

95 100

174 70.9 0.0 145.2

176 68.1 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: VN084271.D

Acq: 02 Oct 2024 17:45

Instrument :

MSVOA_N

ClientSampleId :

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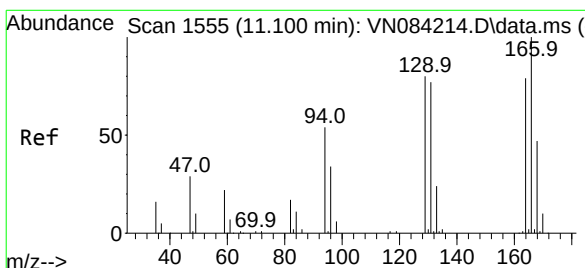
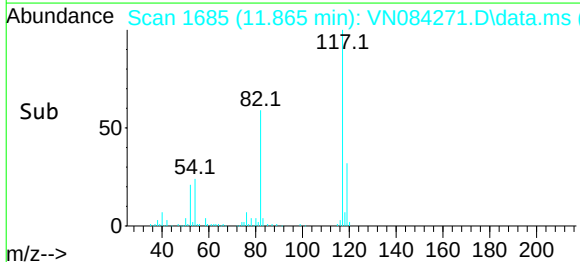
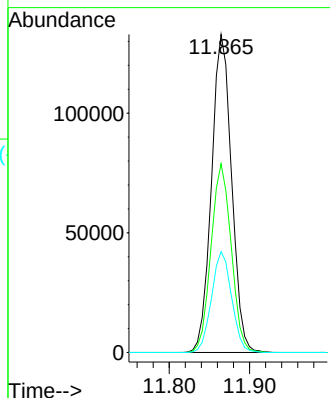
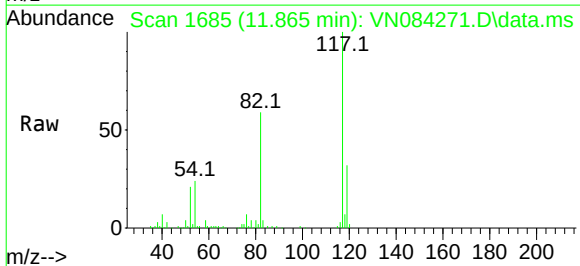
Tgt Ion:117 Resp: 231021

Ion Ratio Lower Upper

117 100

82 59.3 47.2 70.8

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 0.345 ug/l

RT: 11.094 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VN084271.D

Acq: 02 Oct 2024 17:45

Tgt Ion:164 Resp: 555

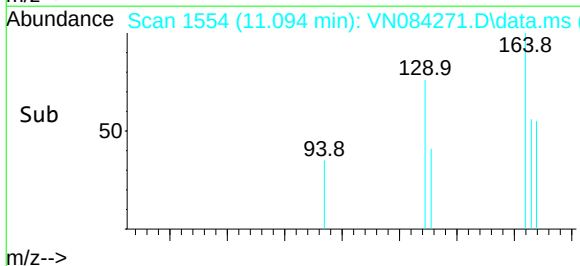
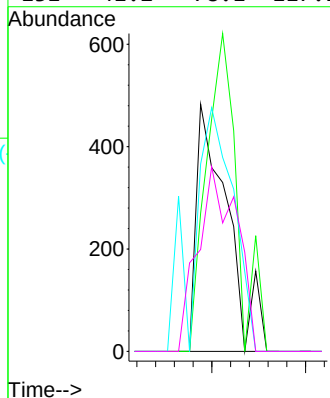
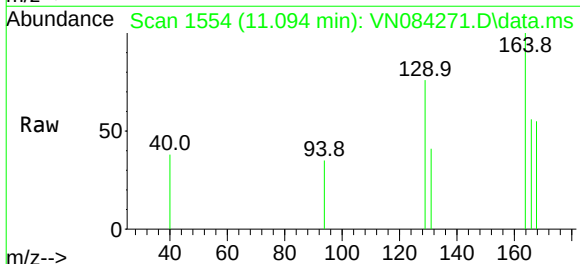
Ion Ratio Lower Upper

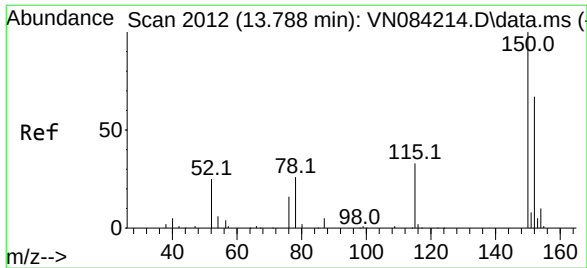
164 100

166 55.9 101.0 151.4#

129 75.8 80.8 121.2#

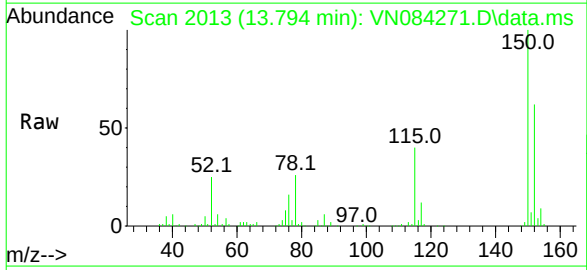
131 41.2 78.1 117.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084271.D
Acq: 02 Oct 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925



Tgt Ion:	152	Resp:	93723
Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.3	93.9
150	158.7	0.0	349.8

