

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084248.D
 Acq On : 01 Oct 2024 18:42
 Operator : JC\MD
 Sample : P4241-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT189D2-GW-20240926

Quant Time: Oct 02 02:06:55 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)

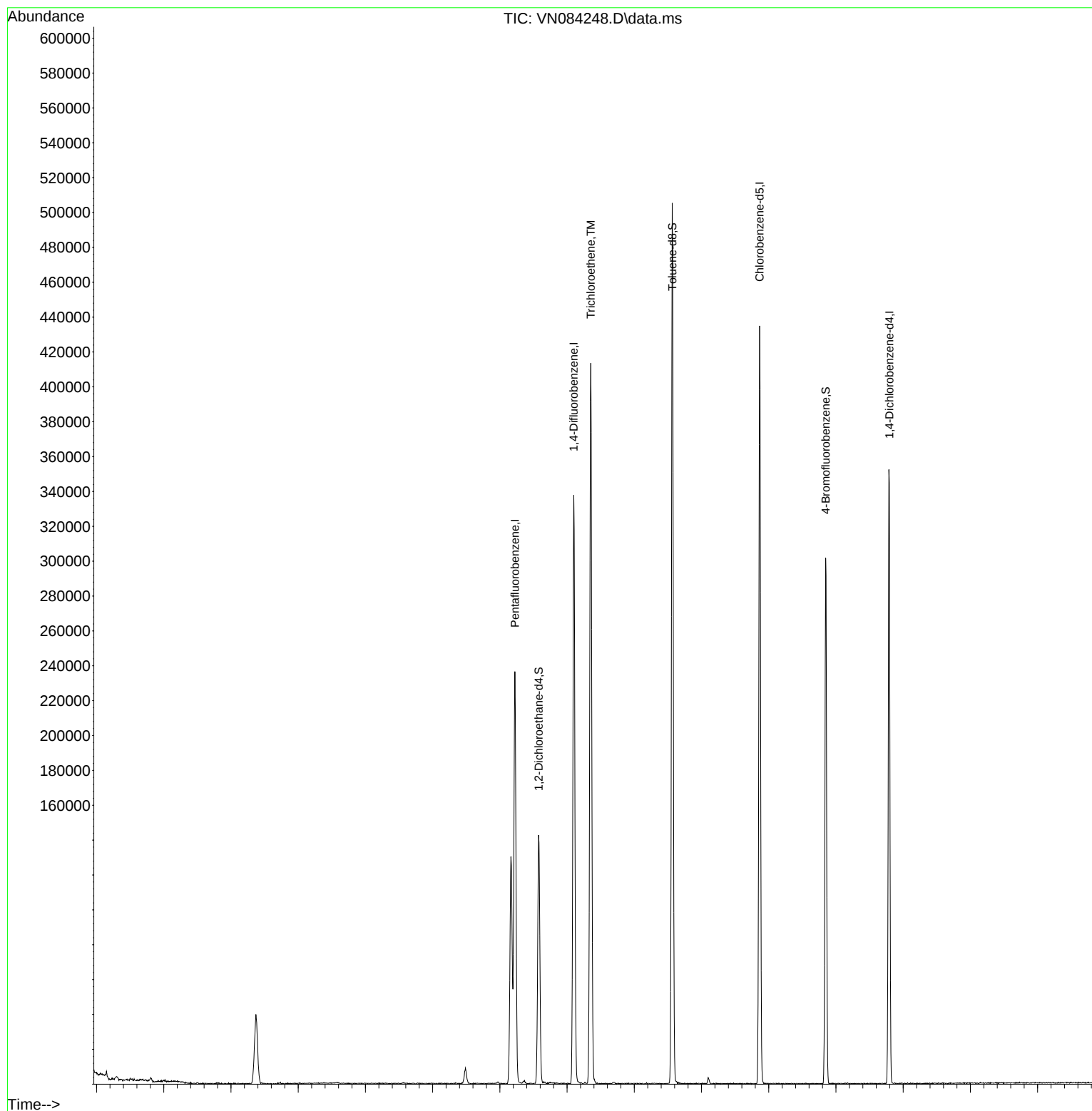
Internal Standards						
1) Pentafluorobenzene	8.224	168	163027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	118583	49.058	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.120%
35) Dibromofluoromethane	8.165	113	93688	50.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.380%
50) Toluene-d8	10.565	98	341030	49.657	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.847	95	107492	42.963	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.920%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	26613	13.985	ug/l	98
12) 1,1-Dichloroethene	4.347	96	1778	0.969	ug/l #	92
27) cis-1,2-Dichloroethene	7.488	96	5320	2.289	ug/l	83
44) Trichloroethene	9.353	130	146958	74.482	ug/l	98
64) Tetrachloroethene	11.106	164	840	0.504	ug/l	92

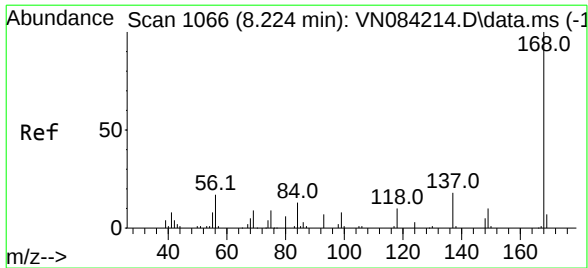
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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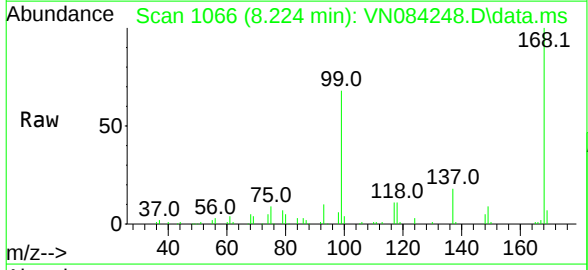
Quant Time: Oct 02 02:06:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



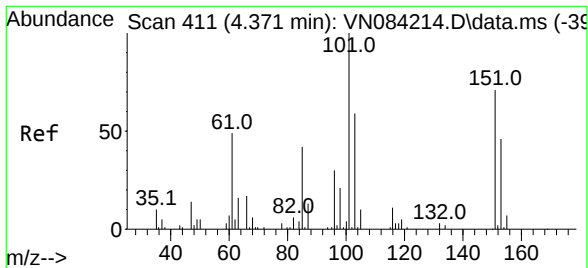
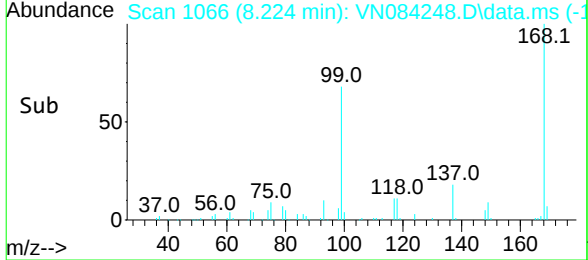
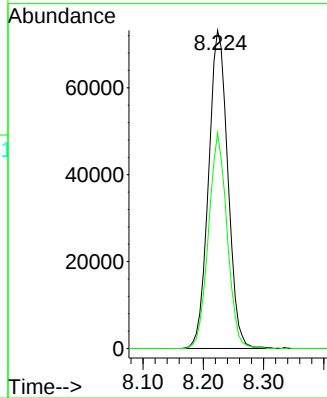


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084248.D
Acq: 01 Oct 2024 18:42

Instrument : MSVOA_N
ClientSampleId : BP-TT189D2-GW-20240926

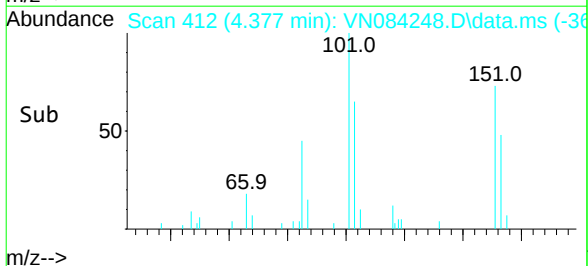
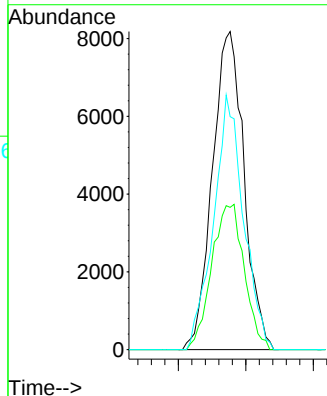
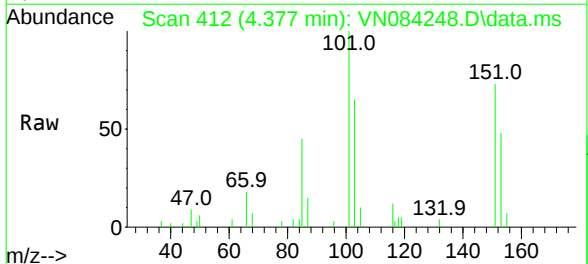


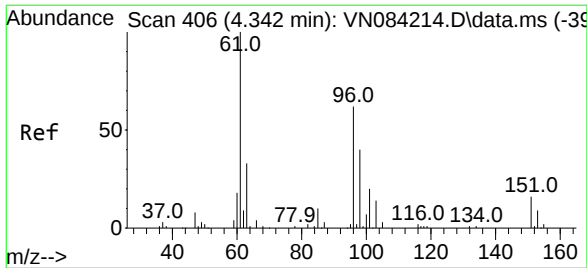
Tgt Ion:168 Resp: 163027
Ion Ratio Lower Upper
168 100
99 67.8 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.985 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN084248.D
Acq: 01 Oct 2024 18:42

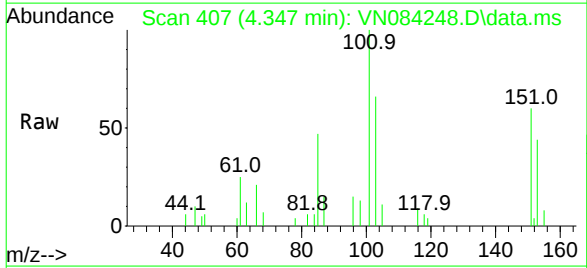
Tgt Ion:101 Resp: 26613
Ion Ratio Lower Upper
101 100
85 47.0 36.2 54.4
151 75.9 59.3 88.9



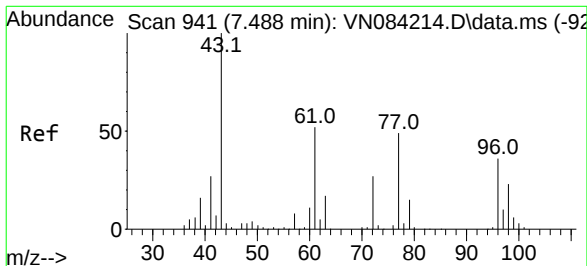
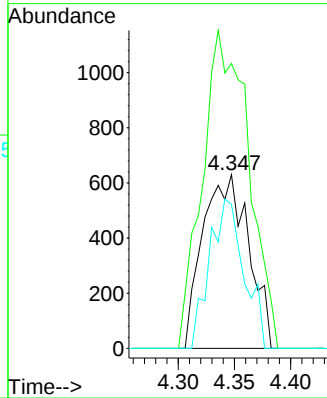
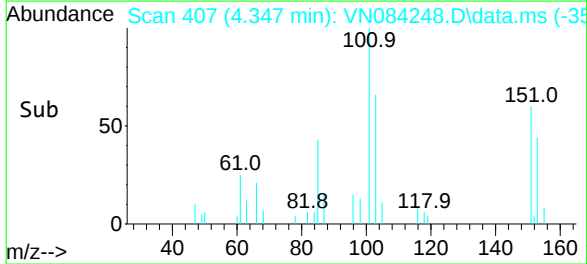


#12
1,1-Dichloroethene
Concen: 0.969 ug/l
RT: 4.347 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN084248.D
Acq: 01 Oct 2024 18:42

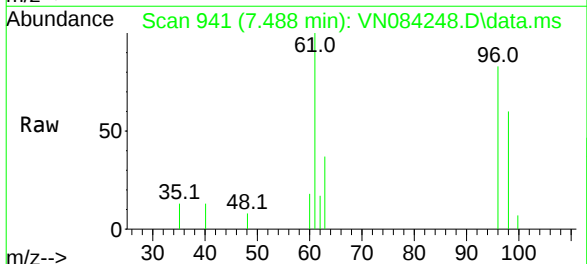
Instrument :
MSVOA_N
ClientSampleId :
BP-TT189D2-GW-20240926



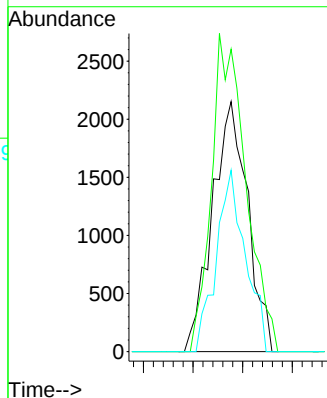
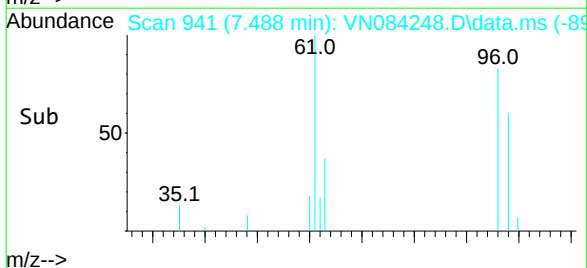
Tgt Ion: 96 Resp: 1778
Ion Ratio Lower Upper
96 100
61 164.0 128.6 192.8
98 82.9 51.7 77.5#

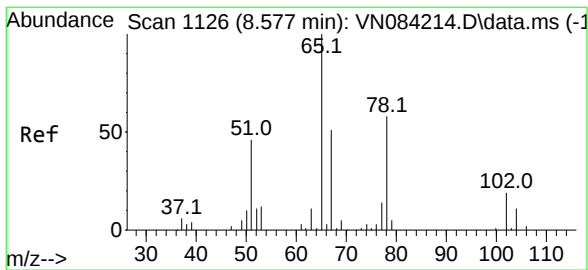


#27
cis-1,2-Dichloroethene
Concen: 2.289 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084248.D
Acq: 01 Oct 2024 18:42



Tgt Ion: 96 Resp: 5320
Ion Ratio Lower Upper
96 100
61 123.7 0.0 301.8
98 59.7 0.0 128.2

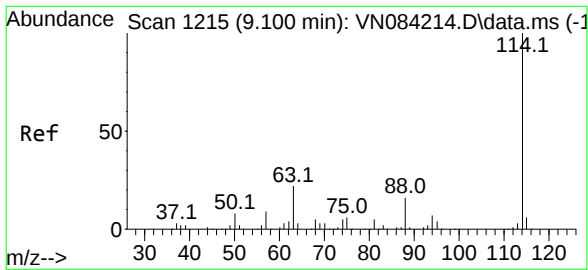
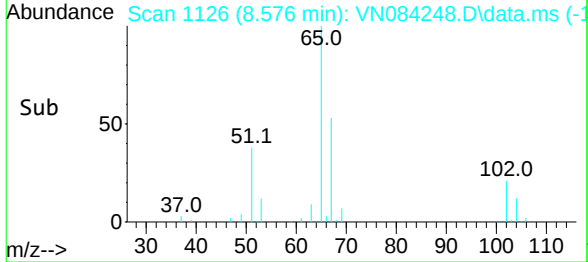
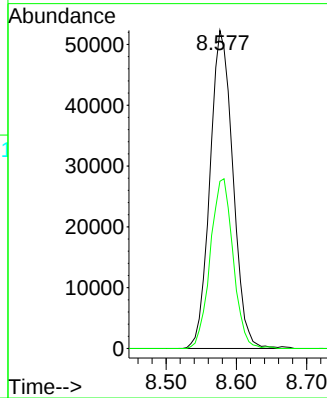
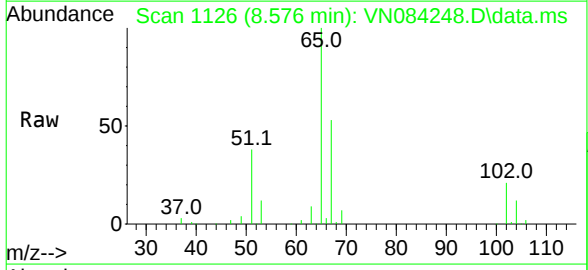




#33
 1,2-Dichloroethane-d4
 Concen: 49.058 ug/l
 RT: 8.576 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VN084248.D
 Acq: 01 Oct 2024 18:42

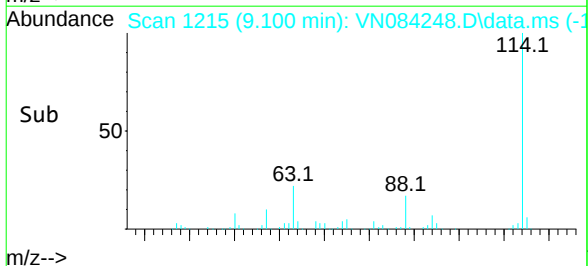
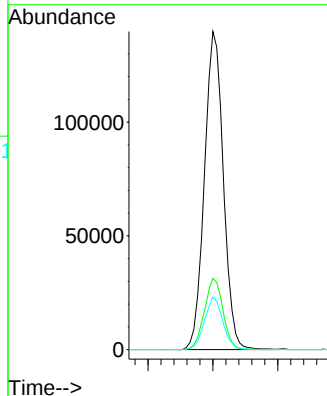
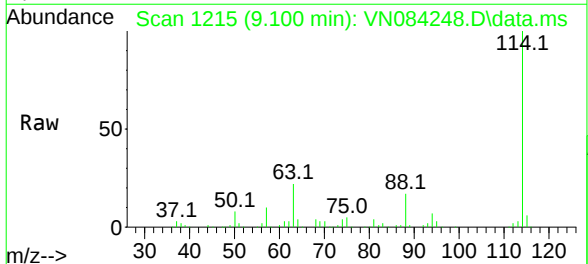
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT189D2-GW-20240926

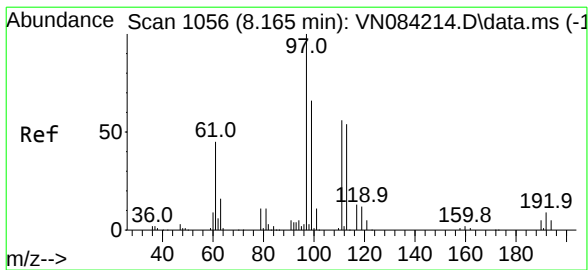
Tgt Ion: 65 Resp: 118583
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084248.D
 Acq: 01 Oct 2024 18:42

Tgt Ion: 114 Resp: 283144
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.8
 88 16.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.190 ug/l

RT: 8.165 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN084248.D

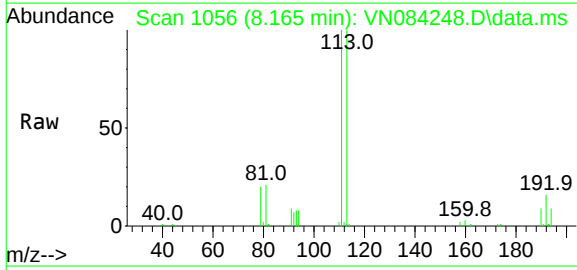
Acq: 01 Oct 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

BP-TT189D2-GW-20240926



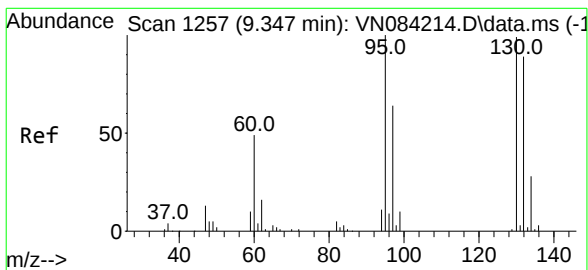
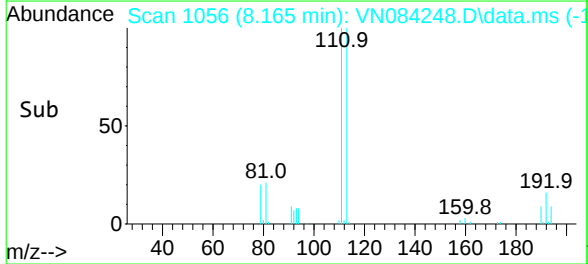
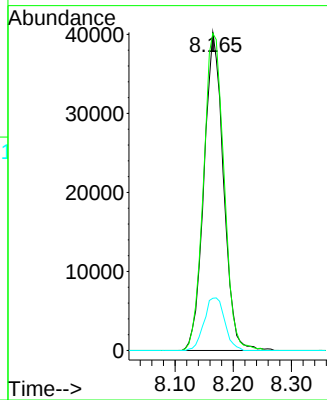
Tgt Ion:113 Resp: 93688

Ion Ratio Lower Upper

113 100

111 104.4 83.3 124.9

192 17.5 13.5 20.3



#44

Trichloroethene

Concen: 74.482 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084248.D

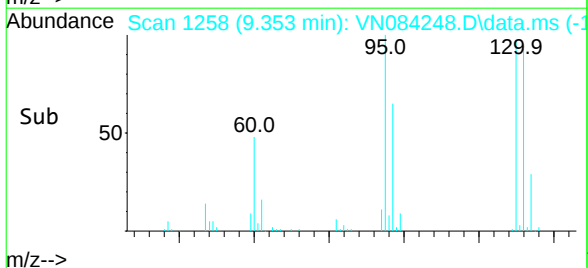
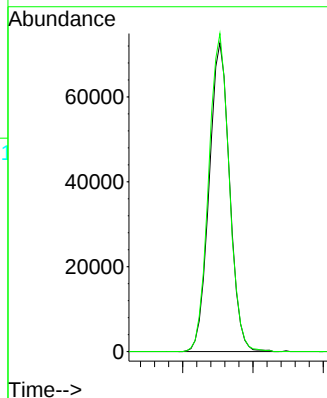
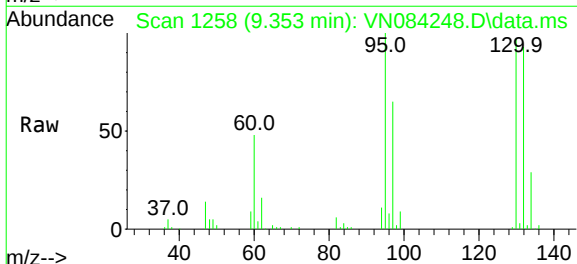
Acq: 01 Oct 2024 18:42

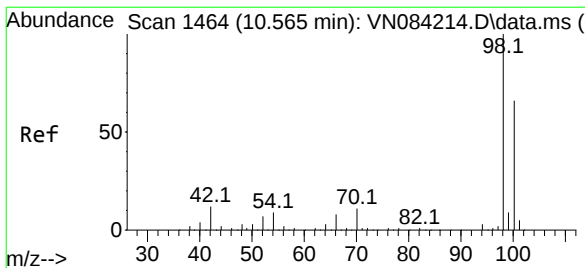
Tgt Ion:130 Resp: 146958

Ion Ratio Lower Upper

130 100

95 103.0 0.0 203.0





#50

Toluene-d8

Concen: 49.657 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084248.D

Acq: 01 Oct 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

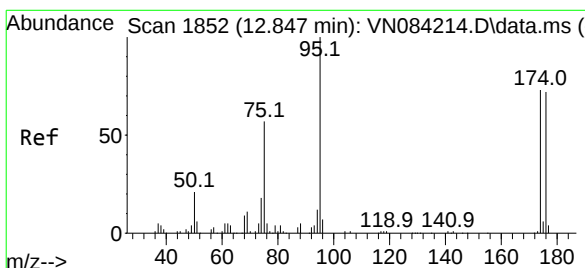
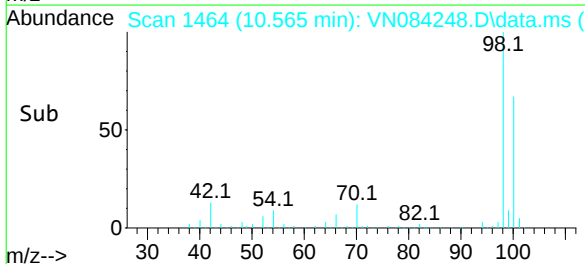
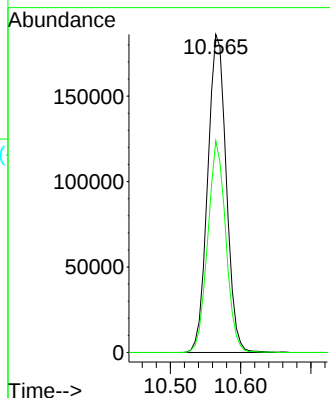
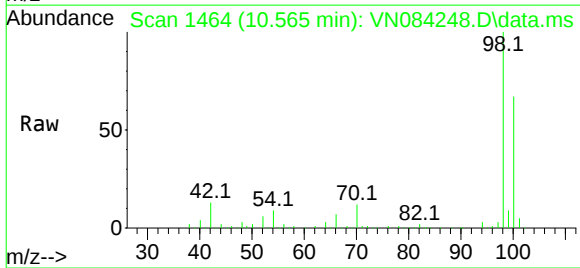
BP-TT189D2-GW-20240926

Tgt Ion: 98 Resp: 341030

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 42.963 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084248.D

Acq: 01 Oct 2024 18:42

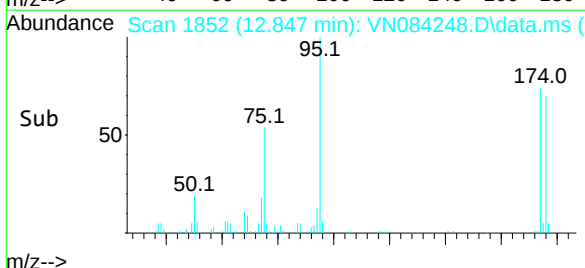
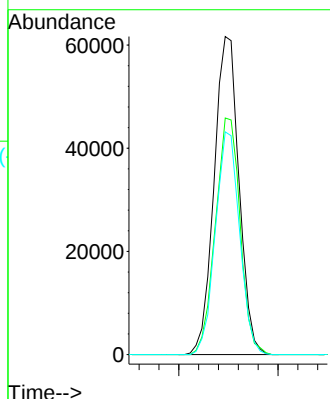
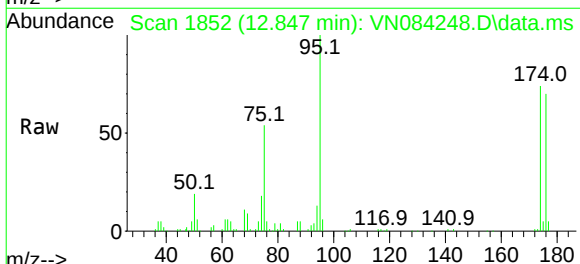
Tgt Ion: 95 Resp: 107492

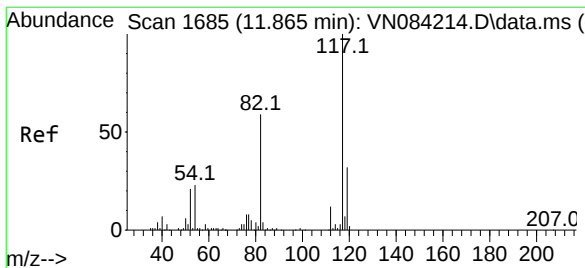
Ion Ratio Lower Upper

95 100

174 73.7 0.0 145.2

176 68.0 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: VN084248.D

Acq: 01 Oct 2024 18:42

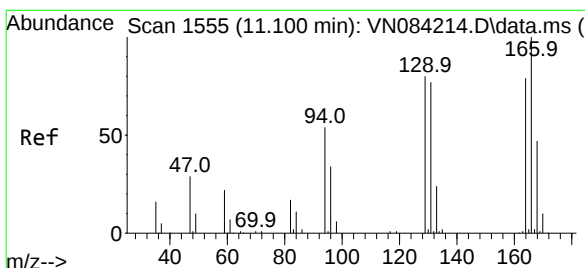
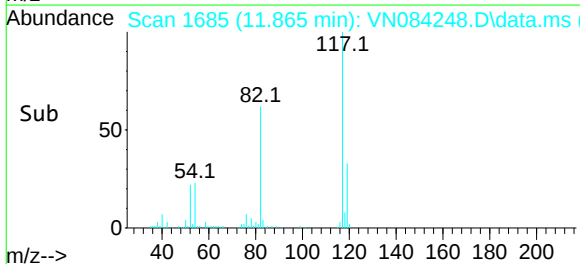
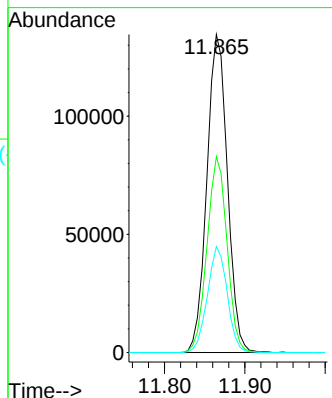
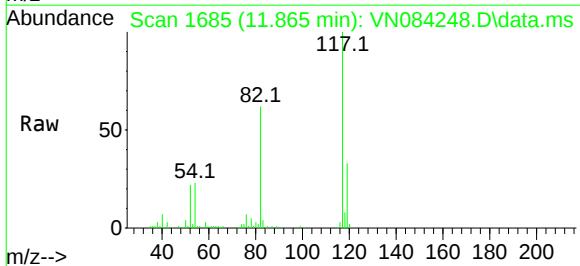
Instrument :

MSVOA_N

ClientSampleId :

BP-TT189D2-GW-20240926

Tgt Ion:	117	Resp:	239211
Ion	Ratio	Lower	Upper
117	100		
82	61.6	47.2	70.8
119	33.3	25.4	38.0



#64

Tetrachloroethene

Concen: 0.504 ug/l

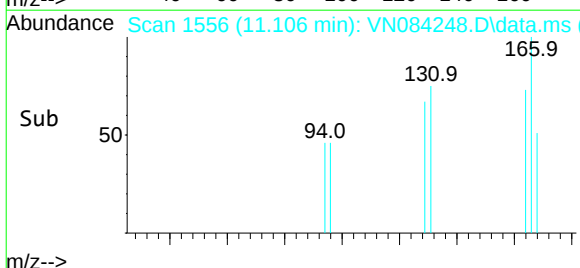
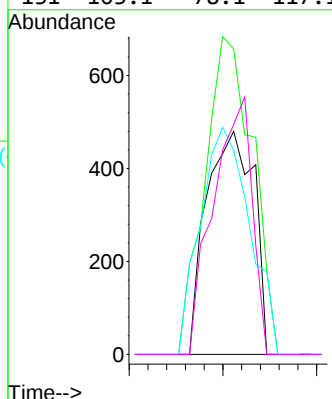
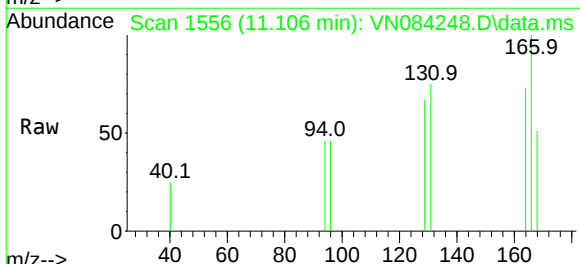
RT: 11.106 min Scan# 1556

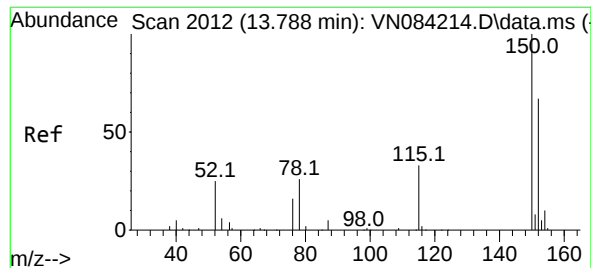
Delta R.T. 0.006 min

Lab File: VN084248.D

Acq: 01 Oct 2024 18:42

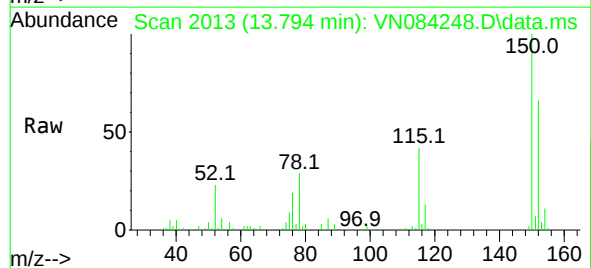
Tgt Ion:	164	Resp:	840
Ion	Ratio	Lower	Upper
164	100		
166	136.9	101.0	151.4
129	91.5	80.8	121.2
131	103.1	78.1	117.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084248.D
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Instrument :
 MSVOA_N
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 BP-TT189D2-GW-20240926



Tgt Ion:	152	Resp:	94104
Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.3	93.9
150	158.0	0.0	349.8

