

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084045.D
 Acq On : 19 Sep 2024 19:41
 Operator : JC\MD
 Sample : P4003-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20240912

Quant Time: Sep 20 01:36:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

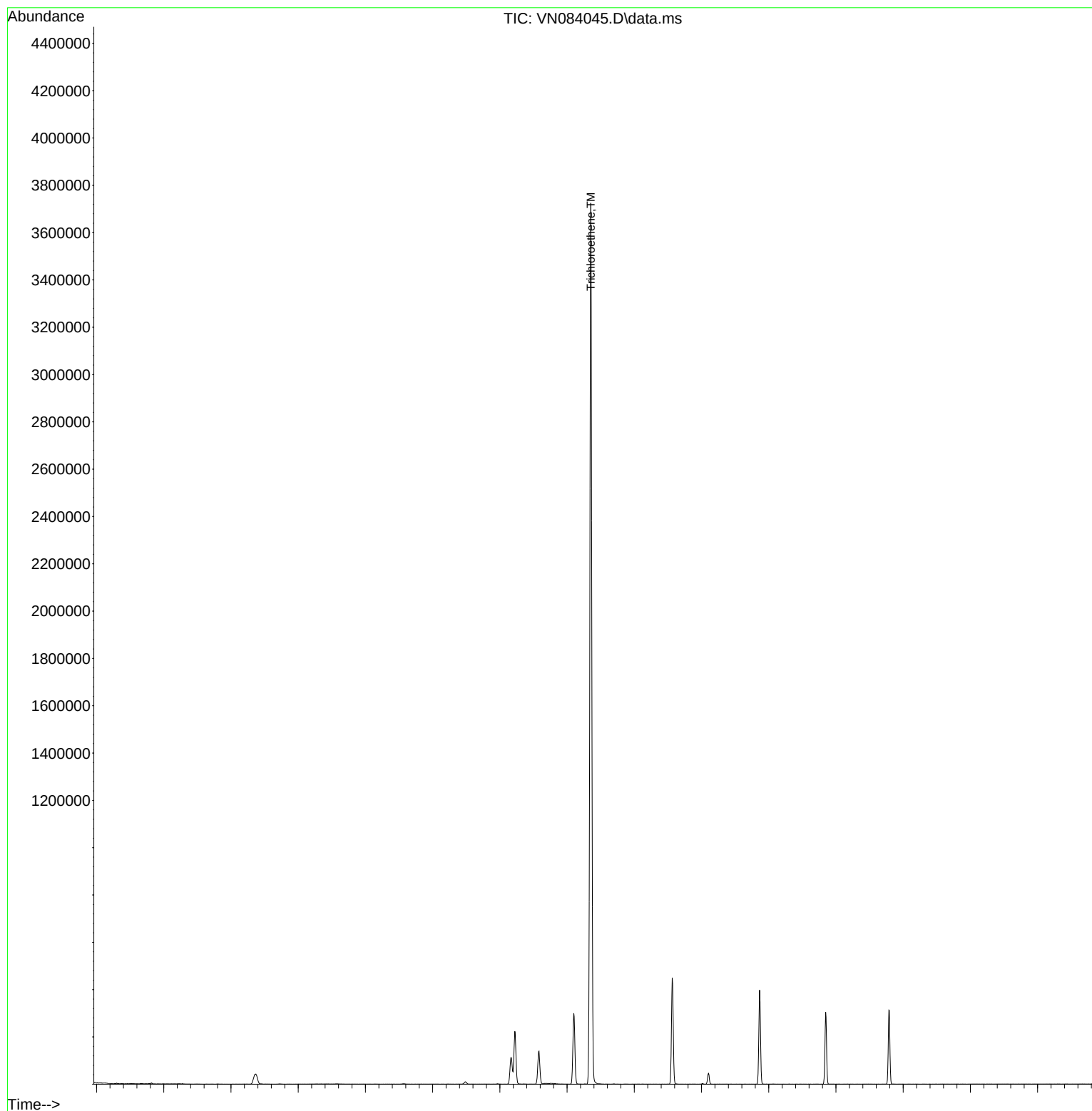
Internal Standards						
1) Pentafluorobenzene	8.224	168	144109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115507	53.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.320%			
35) Dibromofluoromethane	8.171	113	81142	51.308	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	10.565	98	299932	54.860	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.720%			
62) 4-Bromofluorobenzene	12.847	95	102341	45.371	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.740%			
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	25278	15.316	ug/l	98
12) 1,1-Dichloroethene	4.347	96	10979	7.044	ug/l	89
27) cis-1,2-Dichloroethene	7.483	96	5723	2.886	ug/l	93
44) Trichloroethene	9.353	130	1217600	733.890	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	802	0.490	ug/l	94
64) Tetrachloroethene	11.106	164	9800	7.186	ug/l	95

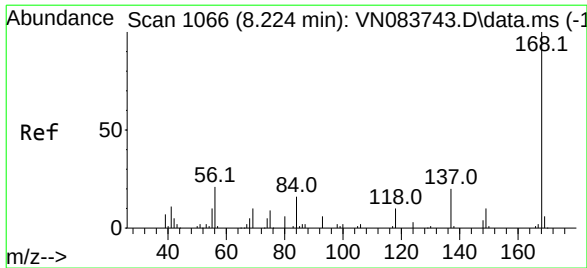
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE120D3-20240912

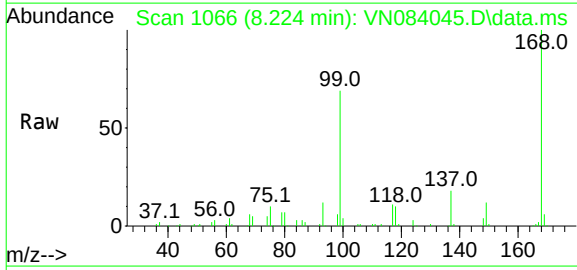
Quant Time: Sep 20 01:36:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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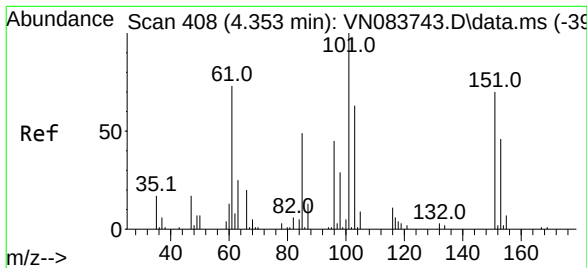
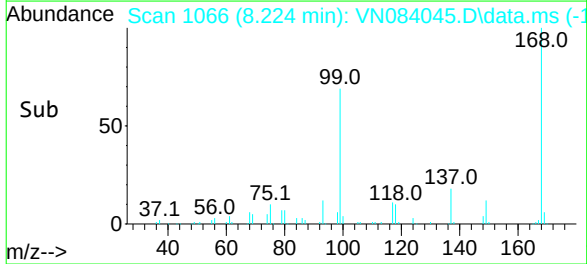
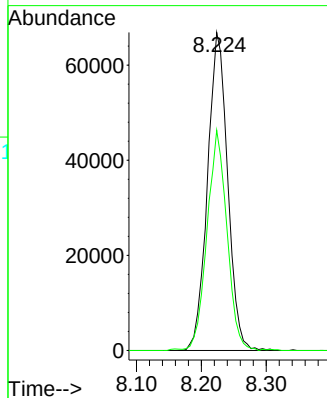


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084045.D
Acq: 19 Sep 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20240912

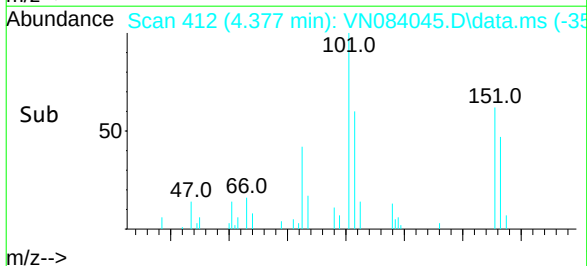
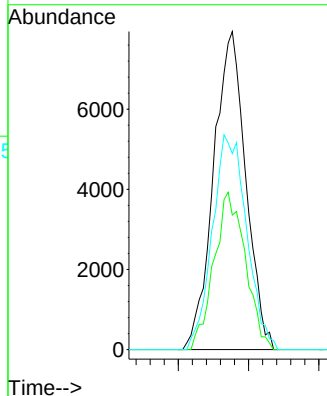
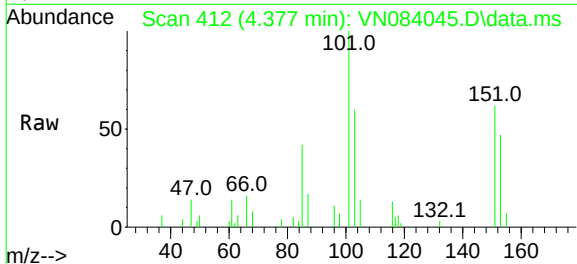


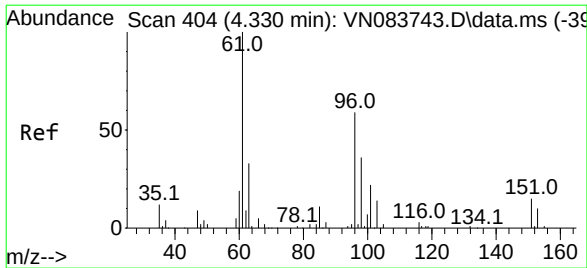
Tgt Ion:168 Resp: 144109
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.316 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.023 min
Lab File: VN084045.D
Acq: 19 Sep 2024 19:41

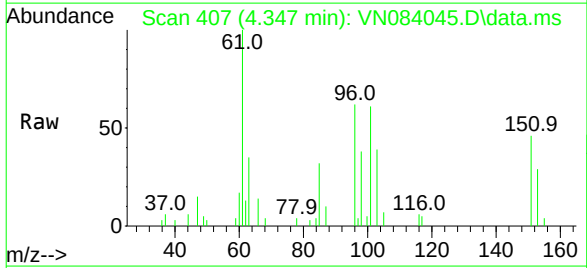
Tgt Ion:101 Resp: 25278
Ion Ratio Lower Upper
101 100
85 48.2 36.2 54.4
151 71.8 57.7 86.5



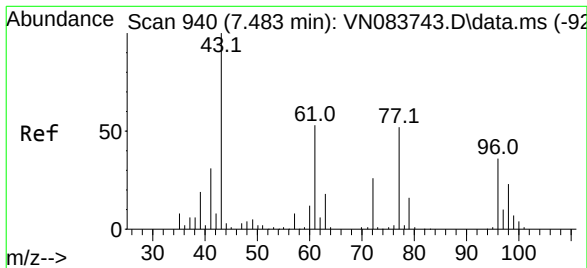
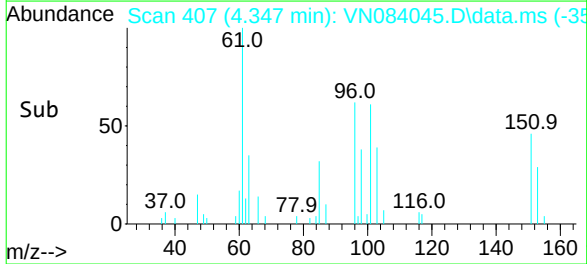
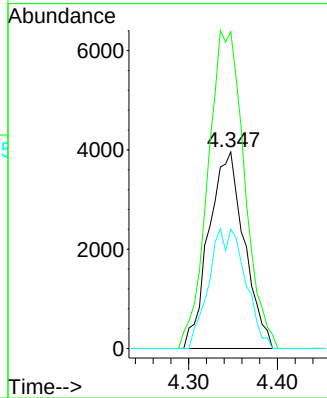


#12
1,1-Dichloroethene
Concen: 7.044 ug/l
RT: 4.347 min Scan# 404
Delta R.T. 0.018 min
Lab File: VN084045.D
Acq: 19 Sep 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20240912

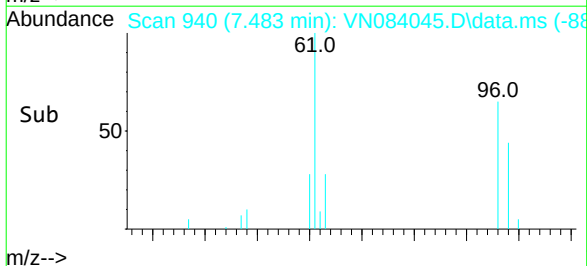
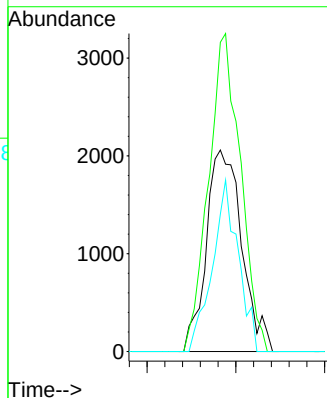
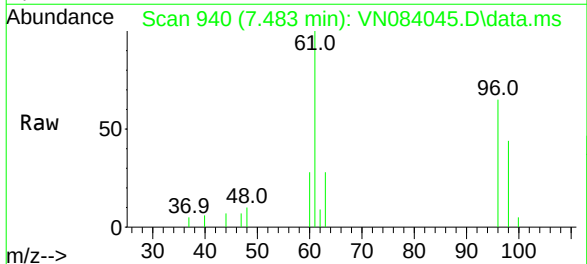


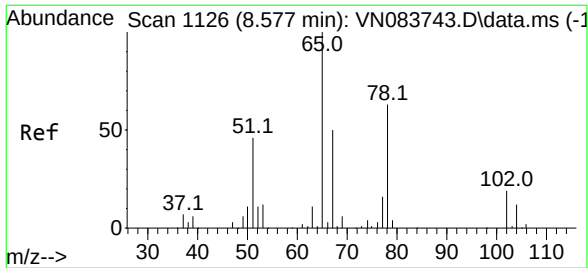
Tgt Ion: 96 Resp: 10979
Ion Ratio Lower Upper
96 100
61 161.2 143.4 215.0
98 60.7 52.7 79.1



#27
cis-1,2-Dichloroethene
Concen: 2.886 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084045.D
Acq: 19 Sep 2024 19:41

Tgt Ion: 96 Resp: 5723
Ion Ratio Lower Upper
96 100
61 142.1 0.0 306.2
98 61.9 0.0 128.6



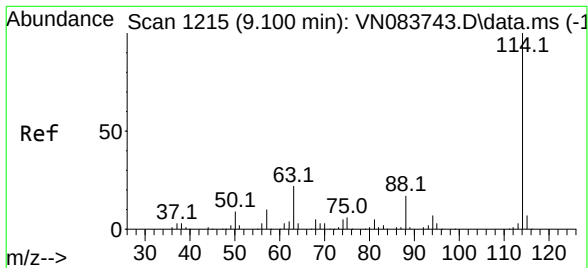
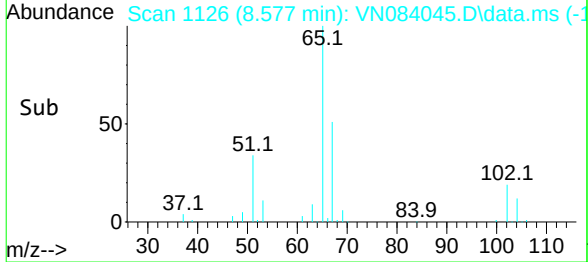
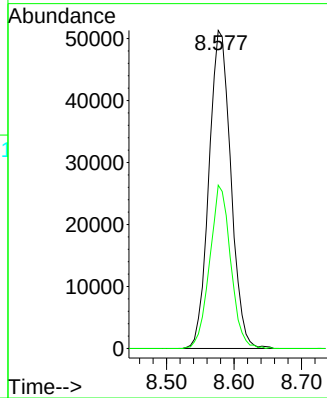
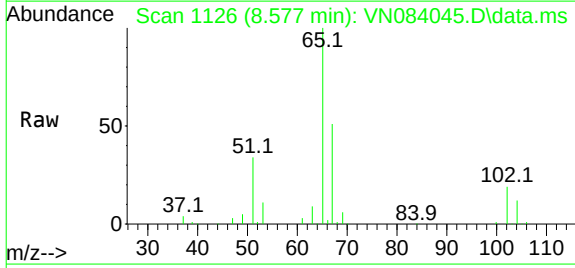


#33
 1,2-Dichloroethane-d4
 Concen: 53.157 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084045.D
 Acq: 19 Sep 2024 19:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20240912

Tgt Ion: 65 Resp: 115507

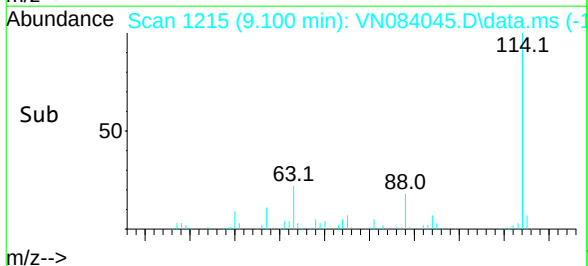
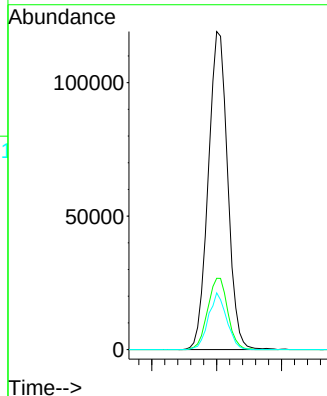
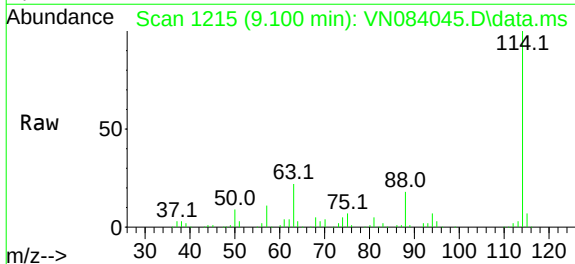
Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	100.8

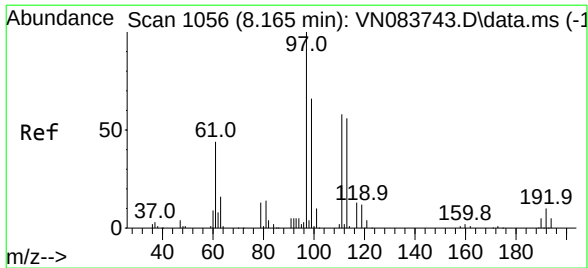


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084045.D
 Acq: 19 Sep 2024 19:41

Tgt Ion: 114 Resp: 247031

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.4
88	17.8	0.0	32.6

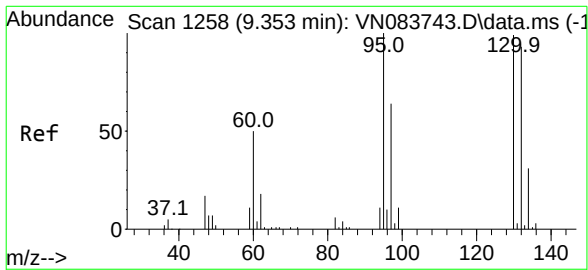
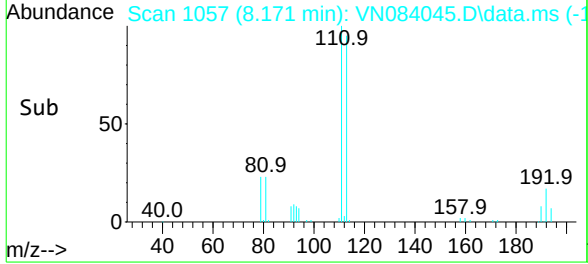
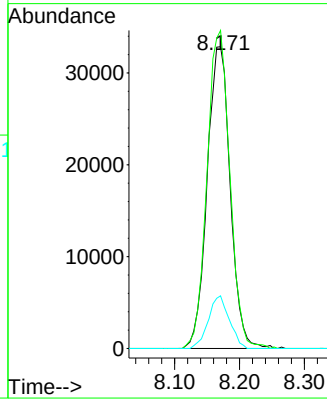
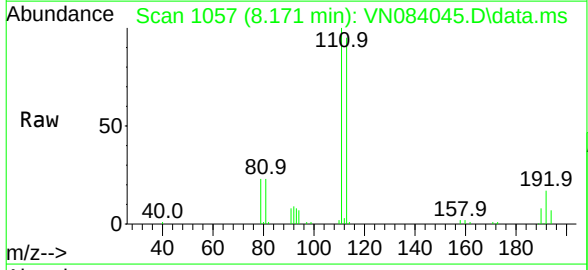




#35
Dibromofluoromethane
Concen: 51.308 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084045.D
Acq: 19 Sep 2024 19:41

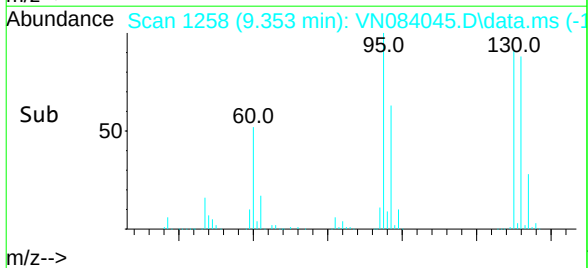
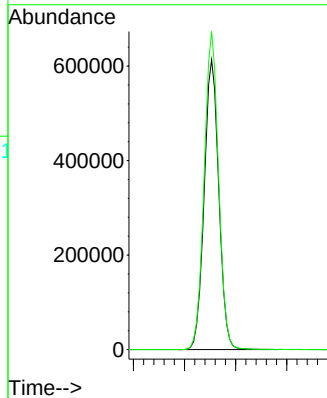
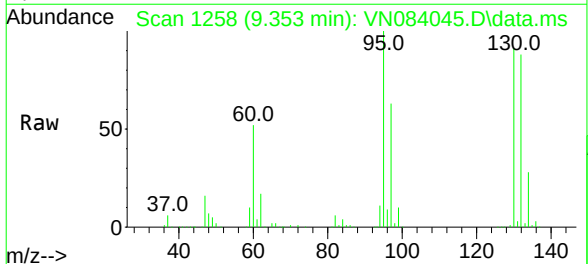
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20240912

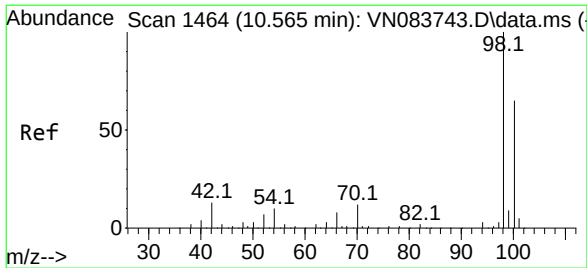
Tgt Ion:113 Resp: 81142
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 15.9 14.3 21.5



#44
Trichloroethene
Concen: 733.890 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN084045.D
Acq: 19 Sep 2024 19:41

Tgt Ion:130 Resp: 1217600
Ion Ratio Lower Upper
130 100
95 109.7 0.0 200.4





#50

Toluene-d8

Concen: 54.860 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084045.D

Acq: 19 Sep 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

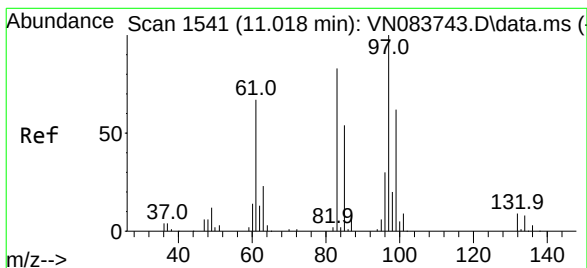
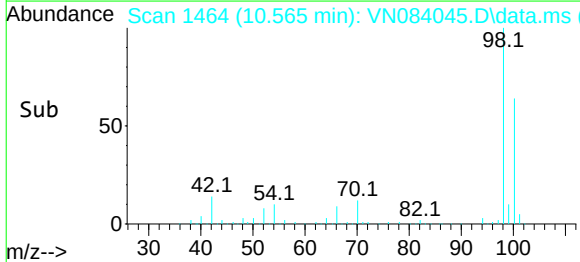
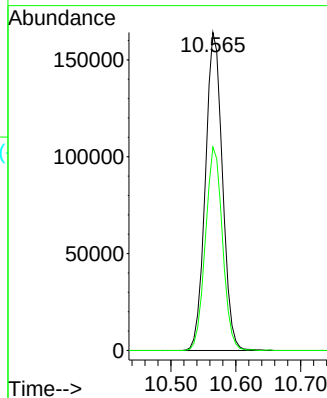
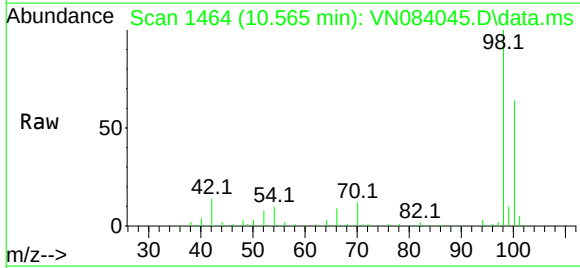
RE120D3-20240912

Tgt Ion: 98 Resp: 299932

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#55

1,1,2-Trichloroethane

Concen: 0.490 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN084045.D

Acq: 19 Sep 2024 19:41

Tgt Ion: 97 Resp: 802

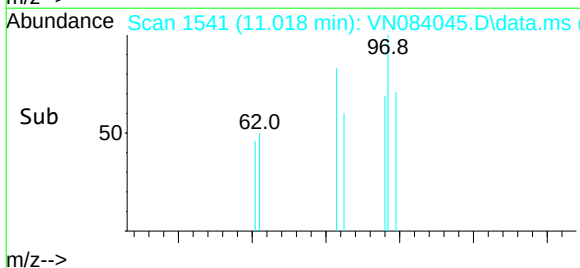
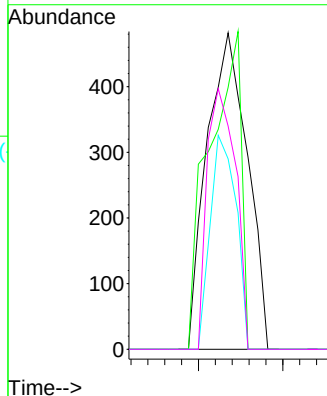
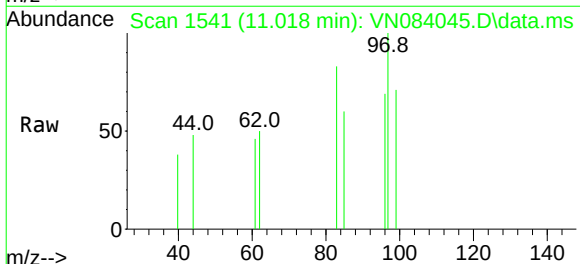
Ion Ratio Lower Upper

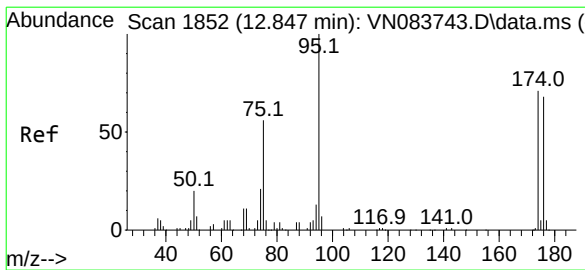
97 100

83 82.8 67.5 101.3

85 60.2 44.2 66.2

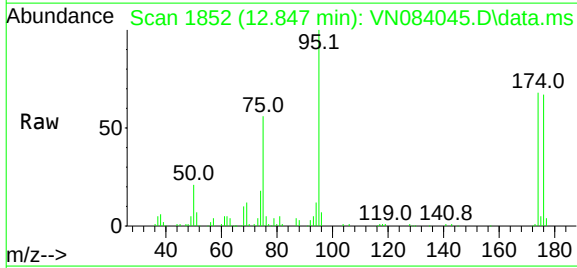
99 70.5 50.1 75.1



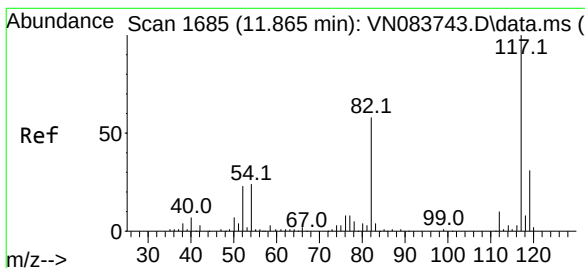
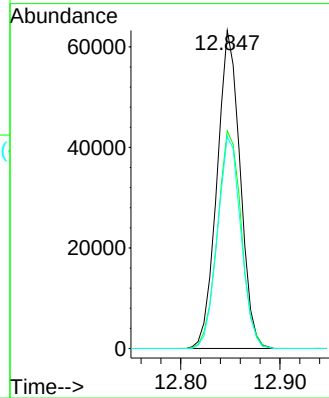
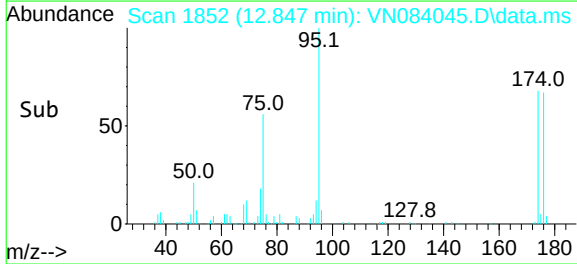


#62
4-Bromofluorobenzene
Concen: 45.371 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084045.D
Acq: 19 Sep 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20240912

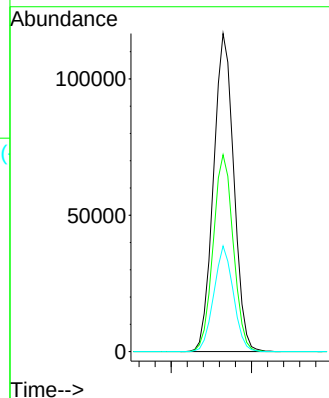
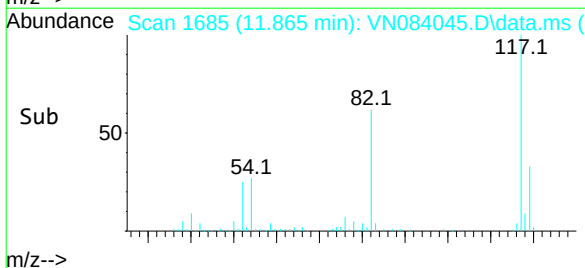
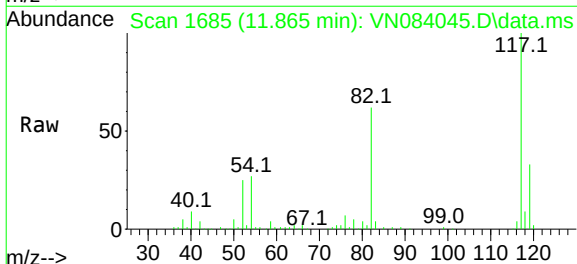


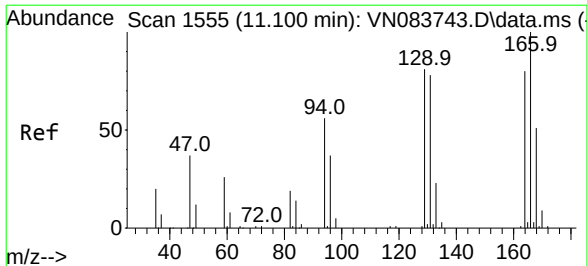
Tgt Ion: 95 Resp: 102341
Ion Ratio Lower Upper
95 100
174 70.4 0.0 139.8
176 67.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084045.D
Acq: 19 Sep 2024 19:41

Tgt Ion: 117 Resp: 205080
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.0
119 33.2 26.3 39.5





#64

Tetrachloroethene

Concen: 7.186 ug/l

RT: 11.106 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN084045.D

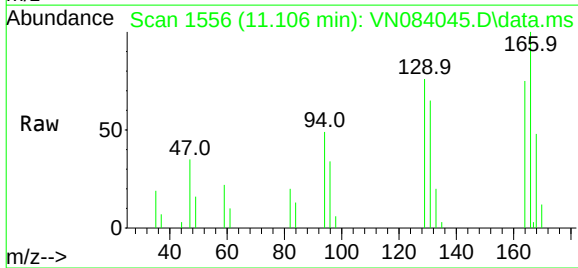
Acq: 19 Sep 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20240912



Tgt Ion:164 Resp: 9800

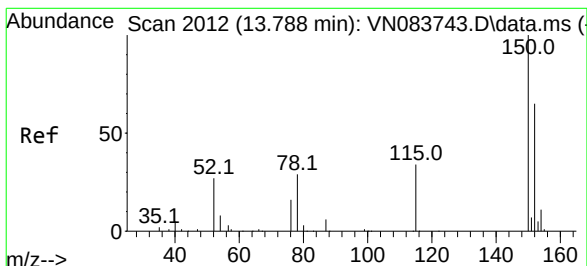
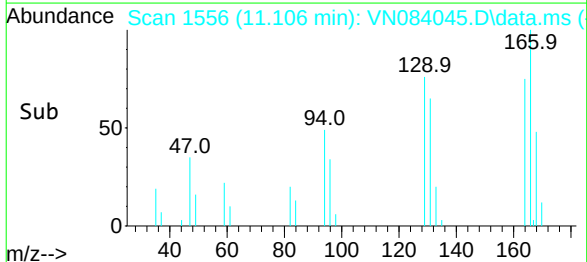
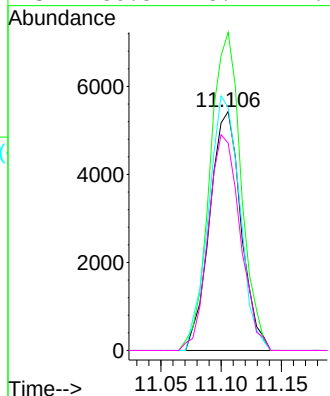
Ion Ratio Lower Upper

164 100

166 133.1 103.7 155.5

129 101.7 79.9 119.9

131 86.8 78.4 117.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084045.D

Acq: 19 Sep 2024 19:41

Tgt Ion:152 Resp: 78908

Ion Ratio Lower Upper

152 100

115 66.3 32.2 96.6

150 159.5 0.0 348.6

