

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084046.D
 Acq On : 19 Sep 2024 20:05
 Operator : JC\MD
 Sample : P4003-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20240912

Quant Time: Sep 20 01:37:03 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)

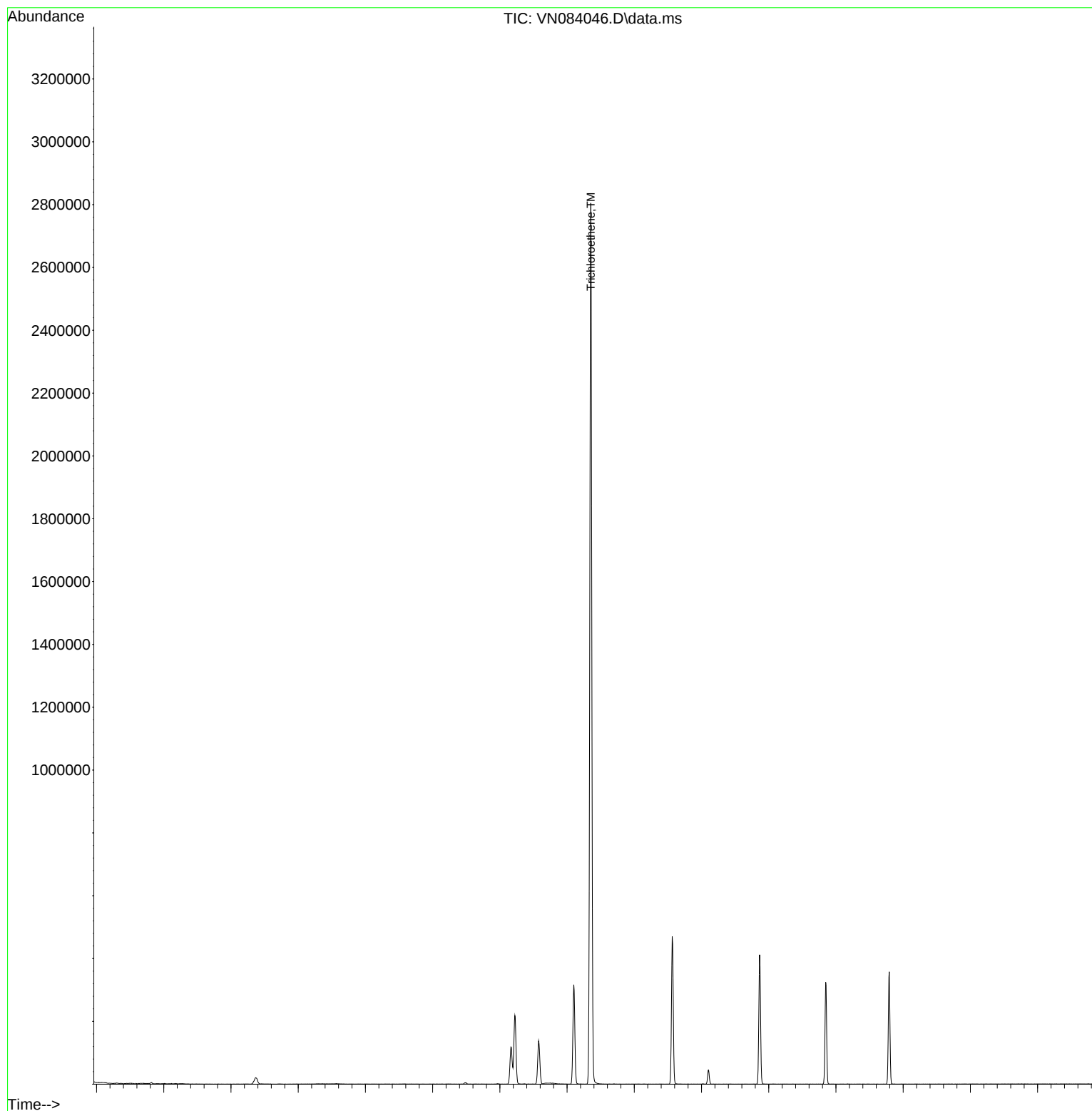
Internal Standards						
1) Pentafluorobenzene	8.230	168	145684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117034	53.277	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	106.560%	
35) Dibromofluoromethane	8.171	113	82063	49.913	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.820%	
50) Toluene-d8	10.565	98	312390	54.961	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	109.920%	
62) 4-Bromofluorobenzene	12.847	95	109910	46.870	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	93.740%	
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.365	101	14150	8.481	ug/l #	20
12) 1,1-Dichloroethene	4.330	96	2106	1.337	ug/l #	78
27) cis-1,2-Dichloroethene	7.500	96	2626	1.310	ug/l #	66
44) Trichloroethene	9.353	130	936902	543.184	ug/l	91
64) Tetrachloroethene	11.100	164	9373	6.392	ug/l	96

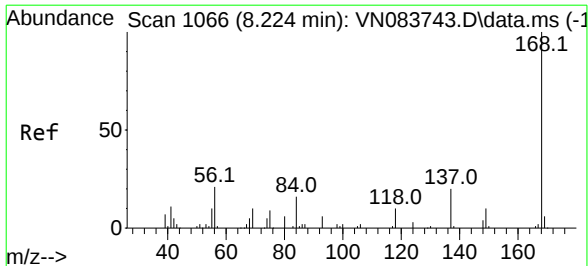
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
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RE103D1-20240912

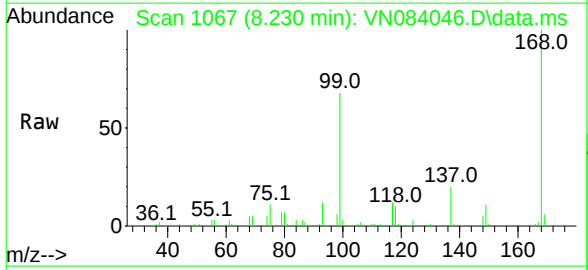
Quant Time: Sep 20 01:37:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



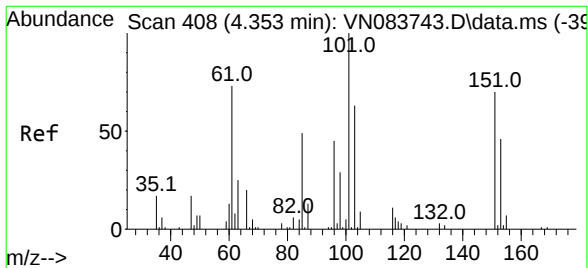
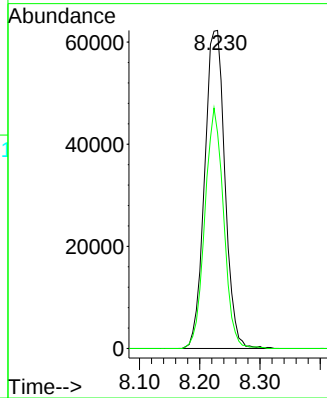
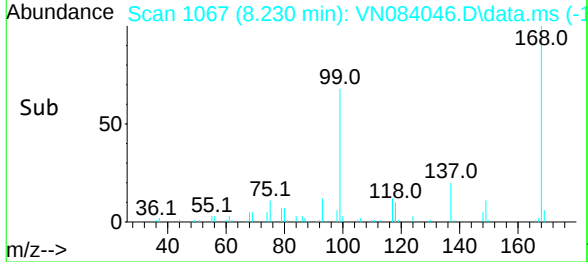


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN084046.D
Acq: 19 Sep 2024 20:05

Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20240912

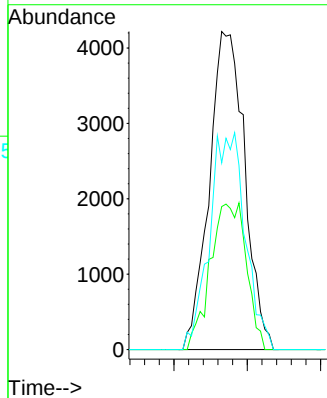
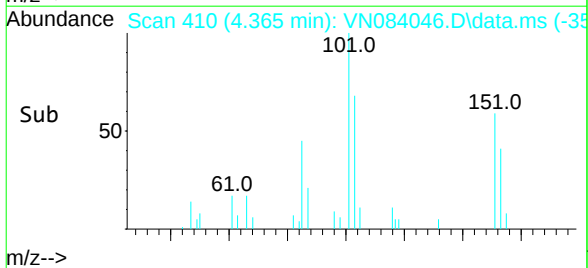
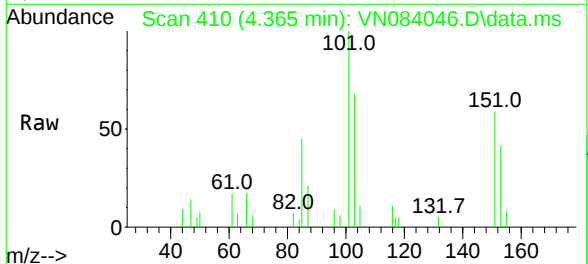


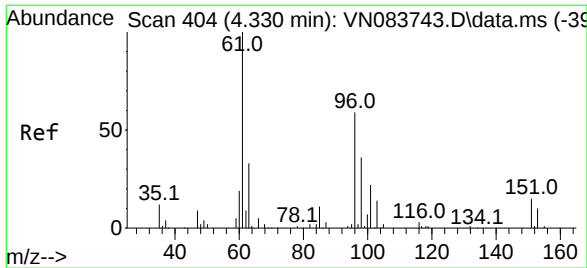
Tgt Ion:168 Resp: 145684
Ion Ratio Lower Upper
168 100
99 67.8 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.481 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN084046.D
Acq: 19 Sep 2024 20:05

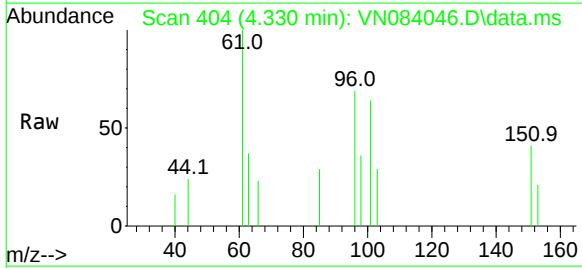
Tgt Ion:101 Resp: 14150
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 0.0 57.7 86.5#



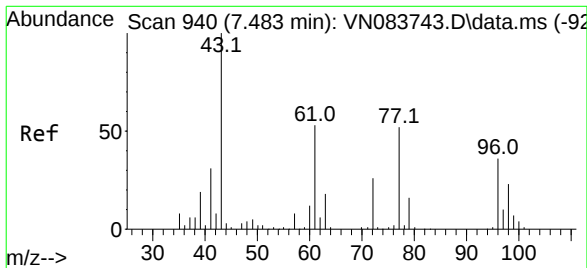
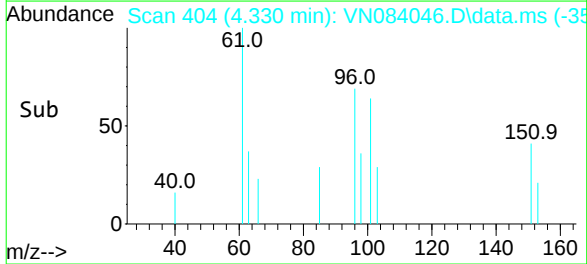
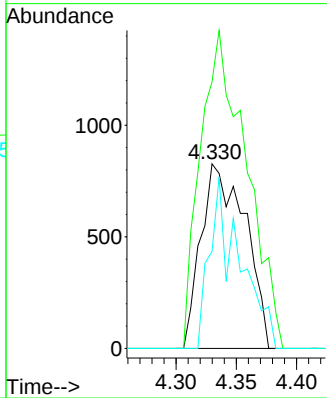


#12
1,1-Dichloroethene
Concen: 1.337 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.000 min
Lab File: VN084046.D
Acq: 19 Sep 2024 20:05

Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20240912

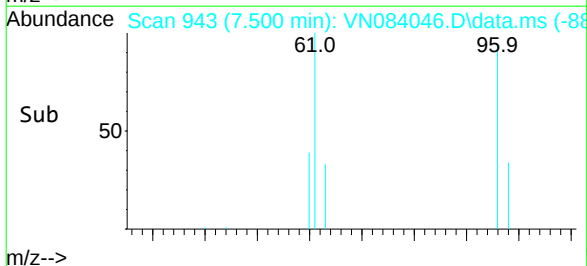
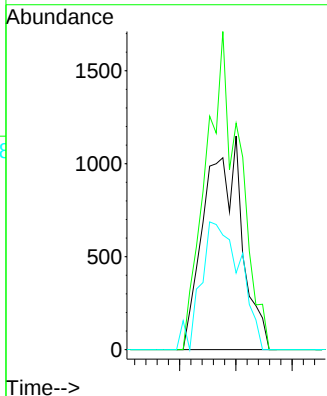
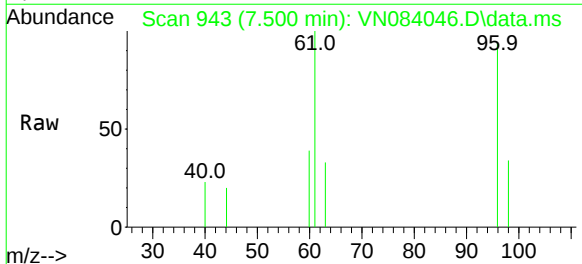


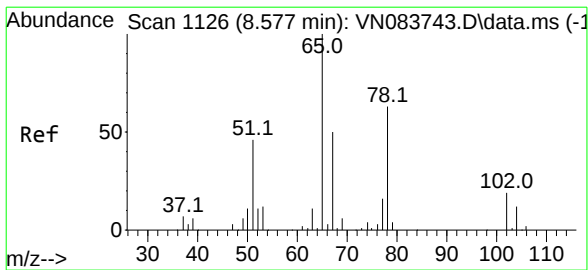
Tgt Ion: 96 Resp: 2106
Ion Ratio Lower Upper
96 100
61 144.5 143.4 215.0
98 52.5 52.7 79.1#



#27
cis-1,2-Dichloroethene
Concen: 1.310 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN084046.D
Acq: 19 Sep 2024 20:05

Tgt Ion: 96 Resp: 2626
Ion Ratio Lower Upper
96 100
61 135.6 0.0 306.2
98 0.0 0.0 128.6

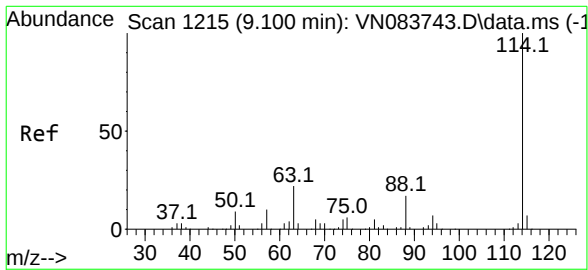
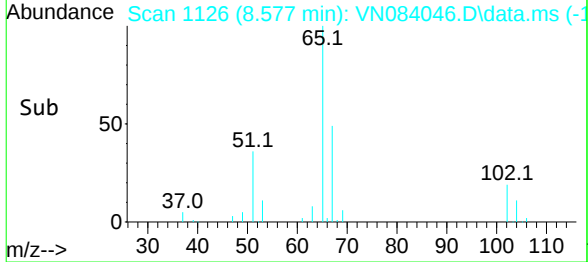
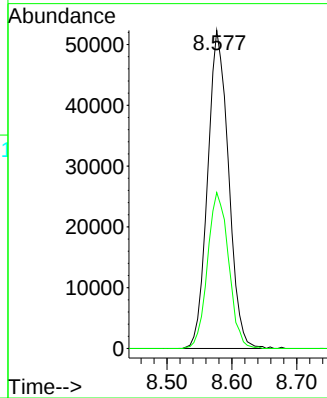
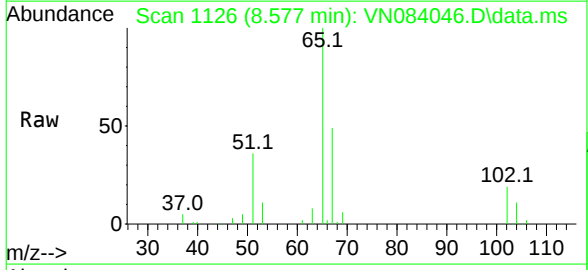




#33
 1,2-Dichloroethane-d4
 Concen: 53.277 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: VN084046.D
 Acq: 19 Sep 2024 20:05

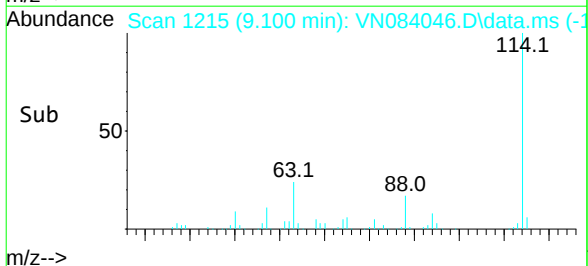
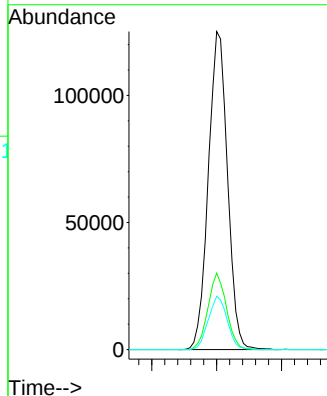
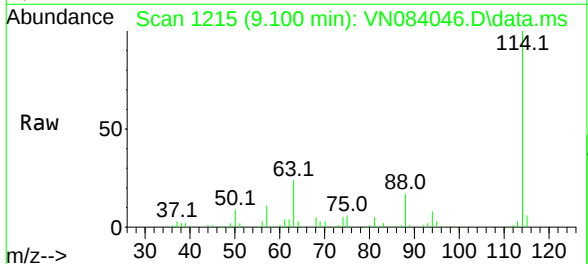
Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20240912

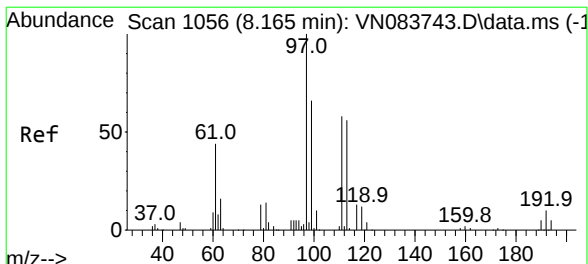
Tgt Ion:	65	Resp:	117034
Ion Ratio	Lower	Upper	
65	100		
67	49.6	0.0	100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084046.D
 Acq: 19 Sep 2024 20:05

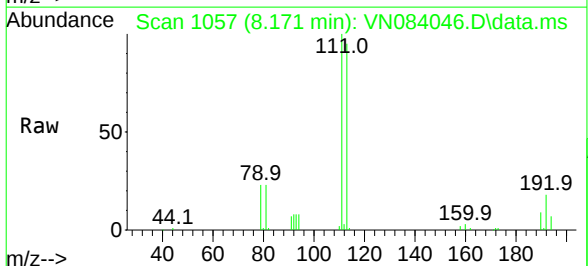
Tgt Ion:	114	Resp:	256818
Ion Ratio	Lower	Upper	
114	100		
63	24.0	0.0	43.4
88	16.8	0.0	32.6



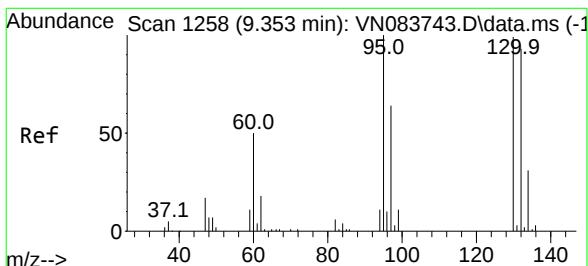
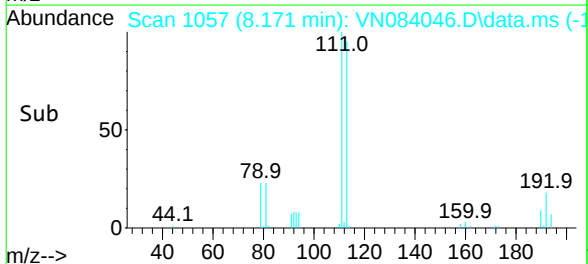
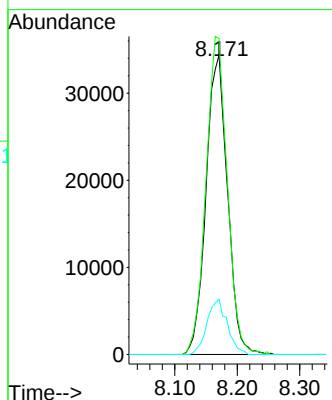


#35
 Dibromofluoromethane
 Concen: 49.913 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN084046.D
 Acq: 19 Sep 2024 20:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20240912

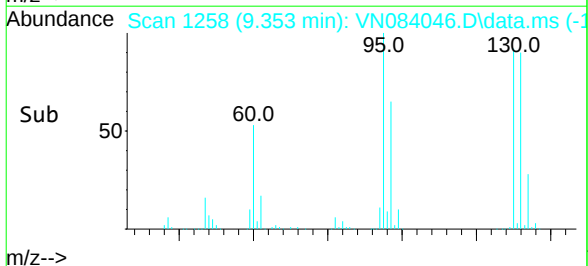
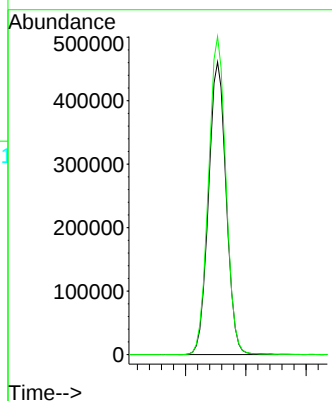
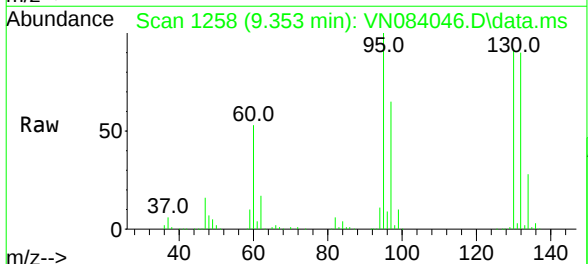


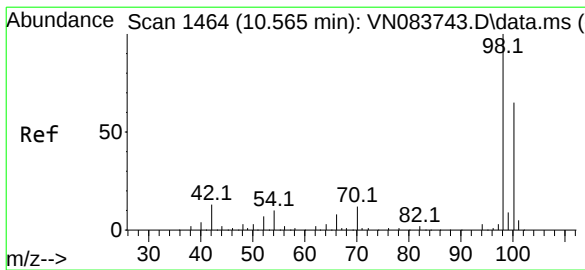
Tgt Ion:	113	Resp:	82063
Ion	Ratio	Lower	Upper
113	100		
111	105.8	82.6	124.0
192	17.4	14.3	21.5



#44
 Trichloroethene
 Concen: 543.184 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. -0.000 min
 Lab File: VN084046.D
 Acq: 19 Sep 2024 20:05

Tgt Ion:	130	Resp:	936902
Ion	Ratio	Lower	Upper
130	100		
95	108.7	0.0	200.4





#50

Toluene-d8

Concen: 54.961 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084046.D

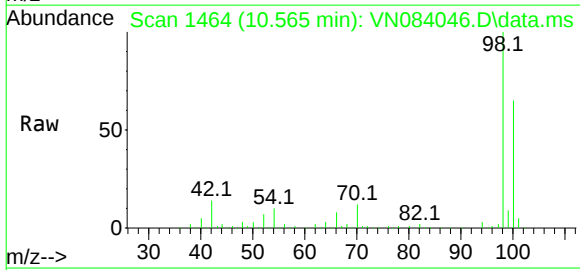
Acq: 19 Sep 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

RE103D1-20240912

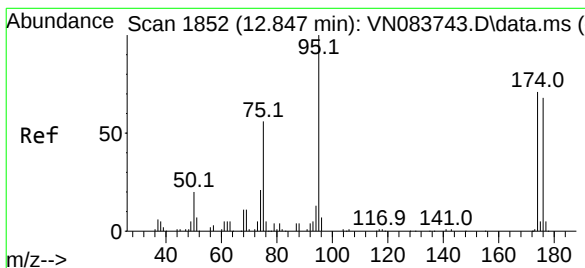
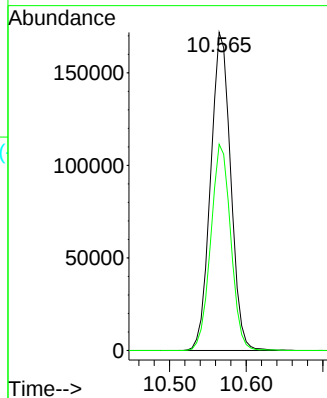
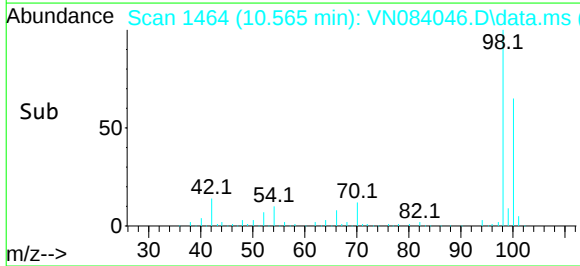


Tgt Ion: 98 Resp: 312390

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.870 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084046.D

Acq: 19 Sep 2024 20:05

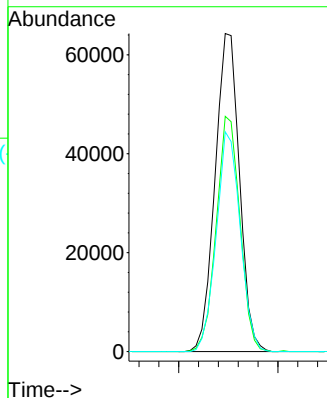
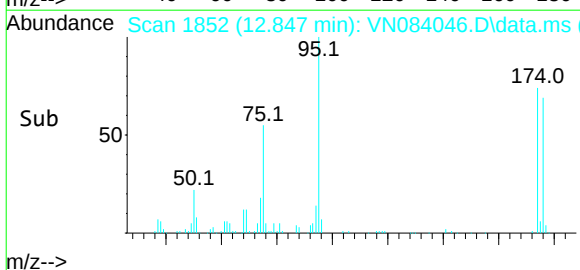
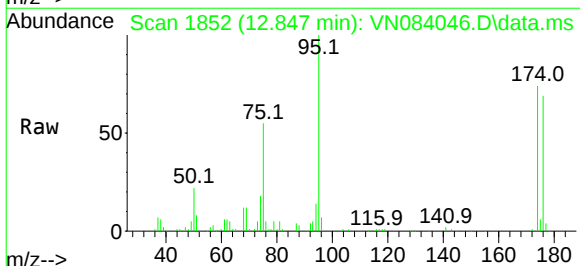
Tgt Ion: 95 Resp: 109910

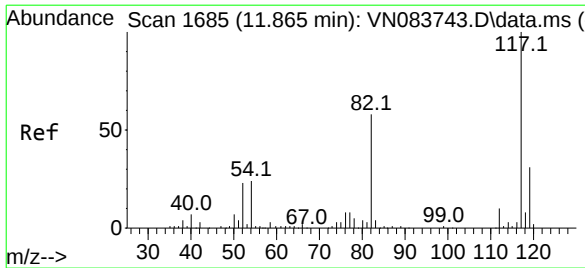
Ion Ratio Lower Upper

95 100

174 71.6 0.0 139.8

176 67.7 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: VN084046.D

Acq: 19 Sep 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

RE103D1-20240912

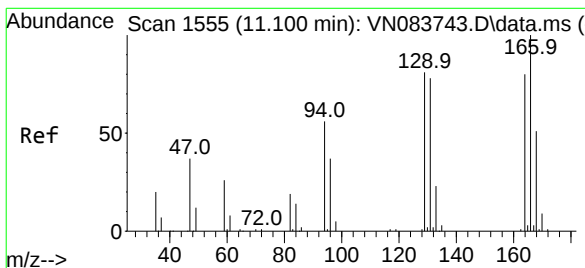
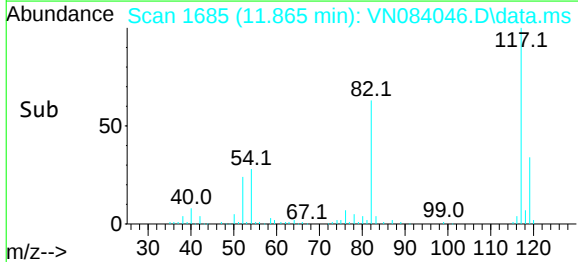
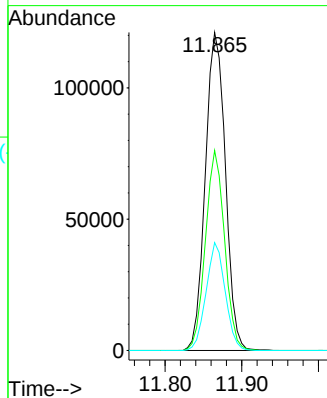
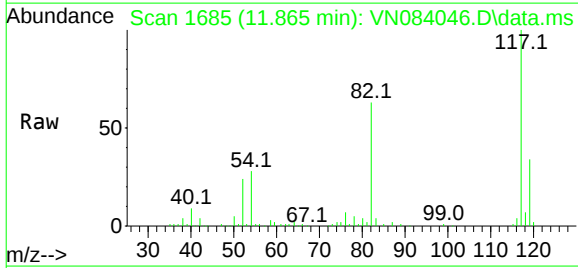
Tgt Ion:117 Resp: 220489

Ion Ratio Lower Upper

117 100

82 62.9 47.4 71.0

119 33.9 26.3 39.5



#64

Tetrachloroethene

Concen: 6.392 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN084046.D

Acq: 19 Sep 2024 20:05

Tgt Ion:164 Resp: 9373

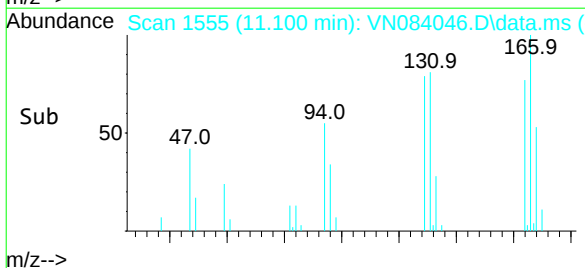
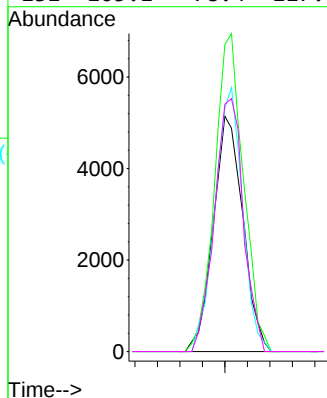
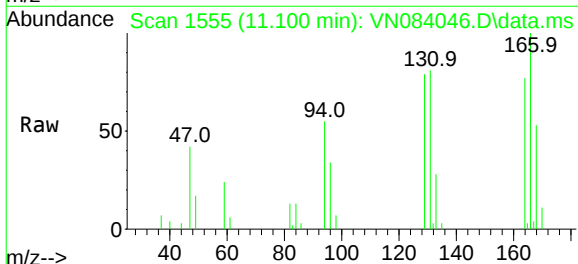
Ion Ratio Lower Upper

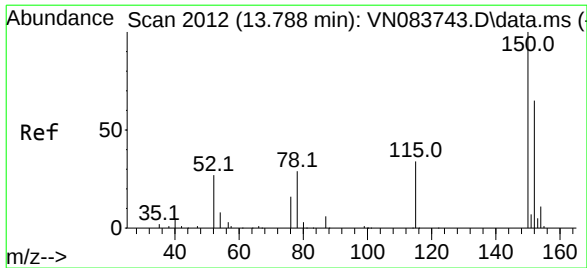
164 100

166 130.5 103.7 155.5

129 103.4 79.9 119.9

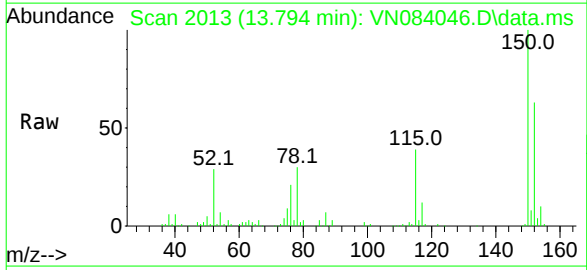
131 105.1 78.4 117.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084046.D
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Instrument :
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Tgt Ion:	152	Resp:	90338
Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.2	96.6
150	156.9	0.0	348.6

