

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084051.D
 Acq On : 19 Sep 2024 22:06
 Operator : JC\MD
 Sample : P4003-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20240913

Quant Time: Sep 20 01:39:04 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)

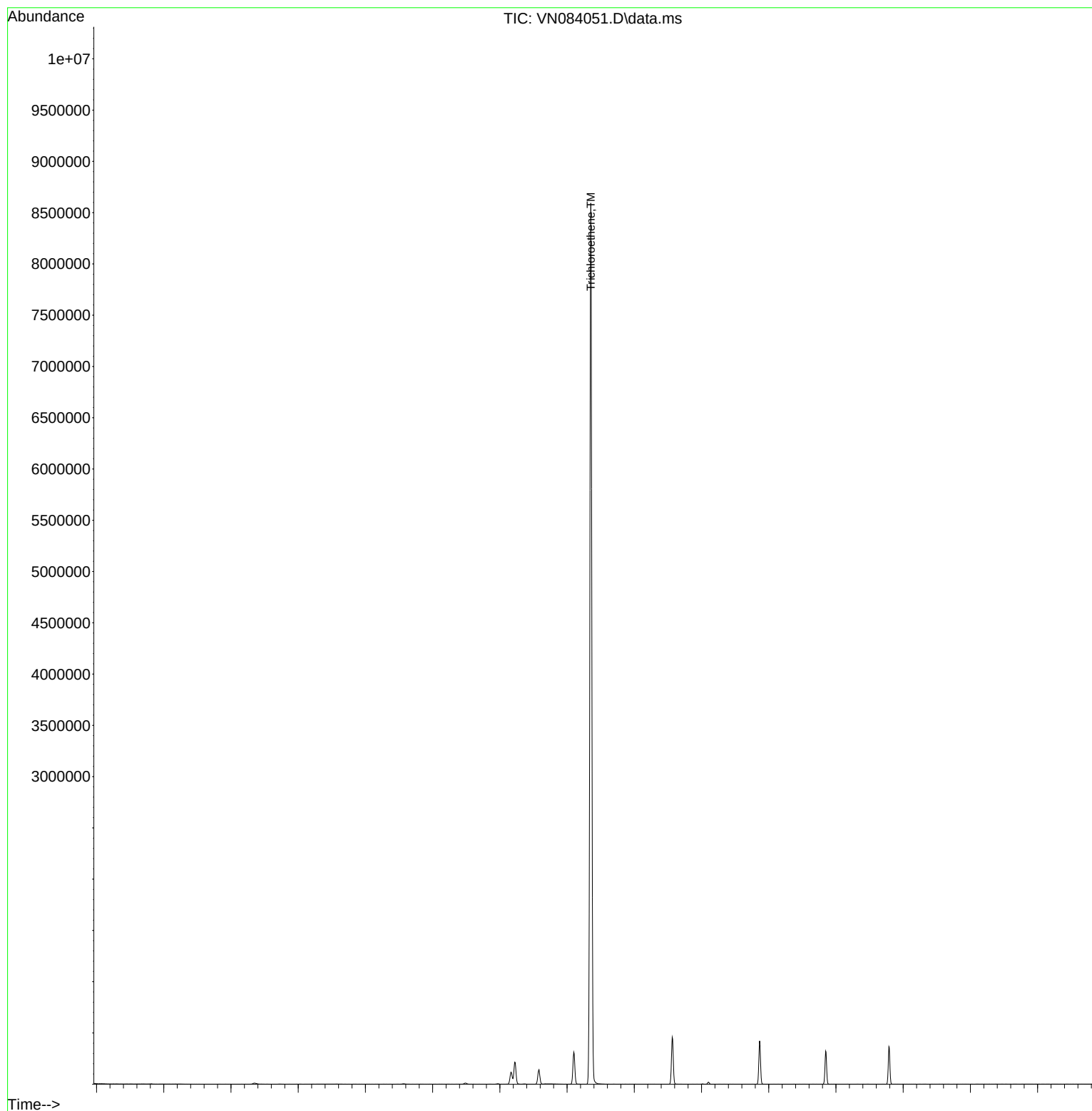
Internal Standards						
1) Pentafluorobenzene	8.230	168	144470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	91758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	117593	53.981	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.960%			
35) Dibromofluoromethane	8.165	113	83783	52.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.040%			
50) Toluene-d8	10.565	98	313914	56.379	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.760%			
62) 4-Bromofluorobenzene	12.847	95	109338	47.596	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.200%			
Target Compounds						
12) 1,1-Dichloroethene	4.342	96	4526	2.896	ug/l	93
27) cis-1,2-Dichloroethene	7.488	96	6854	3.448	ug/l	89
30) Chloroform	7.971	83	3934	1.122	ug/l	99
44) Trichloroethene	9.353	130	2829859	1674.788	ug/l	90
64) Tetrachloroethene	11.106	164	4109	2.798	ug/l	94

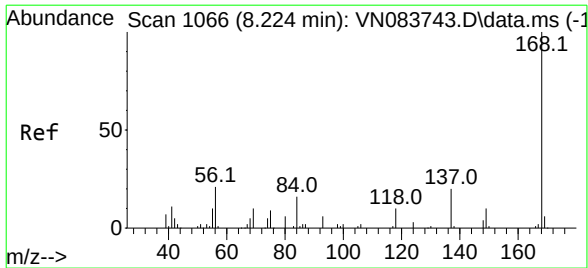
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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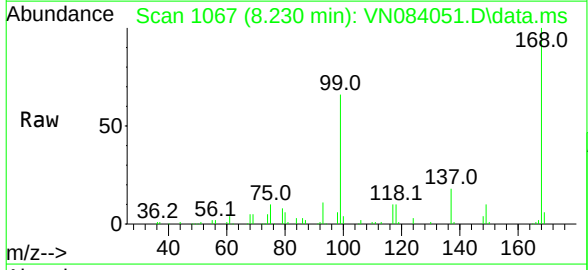
Quant Time: Sep 20 01:39:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



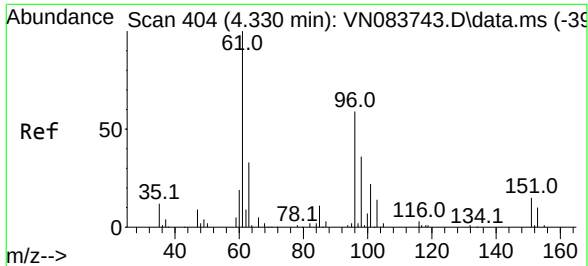
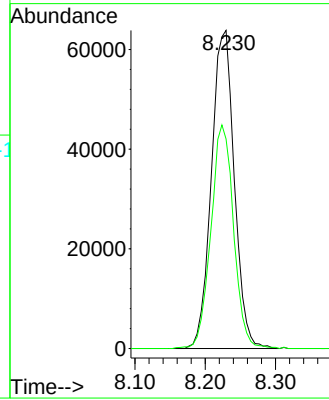
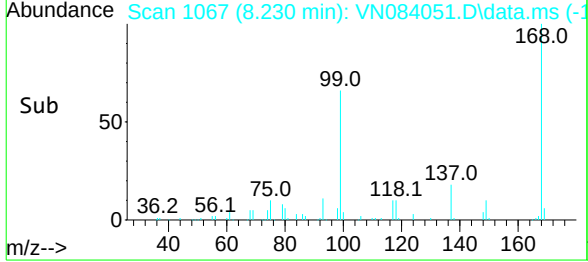


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN084051.D
Acq: 19 Sep 2024 22:06

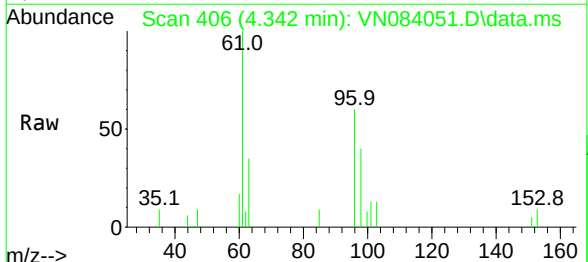
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20240913



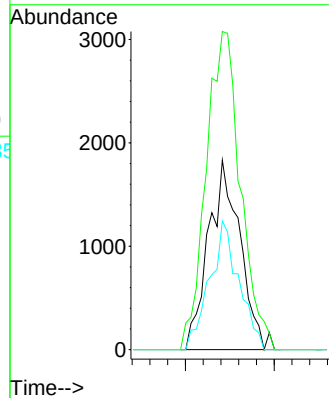
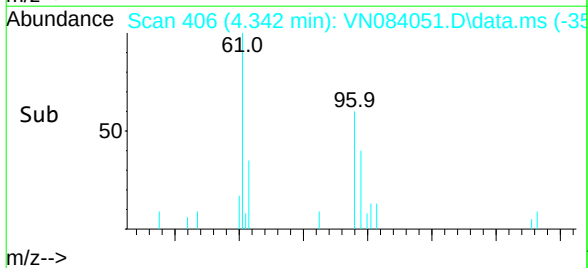
Tgt Ion:168 Resp: 144470
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2

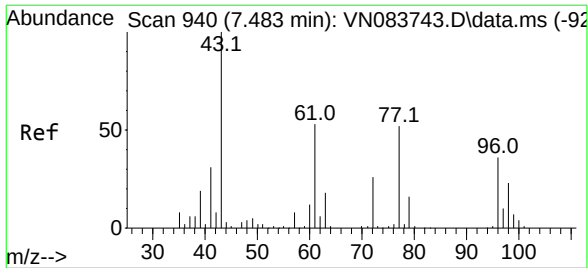


#12
1,1-Dichloroethene
Concen: 2.896 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN084051.D
Acq: 19 Sep 2024 22:06



Tgt Ion: 96 Resp: 4526
Ion Ratio Lower Upper
96 100
61 167.9 143.4 215.0
98 67.9 52.7 79.1

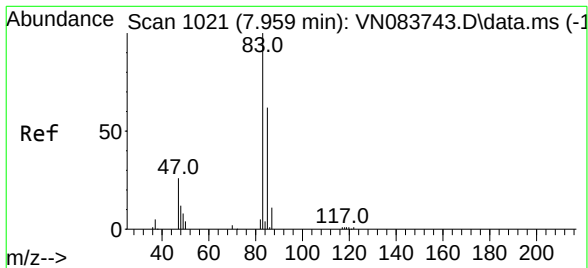
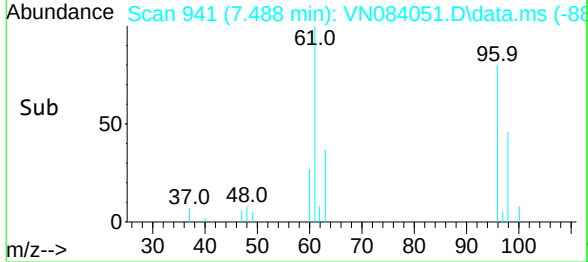
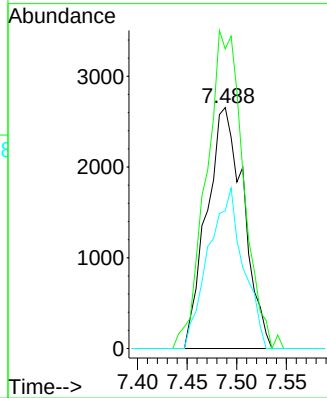
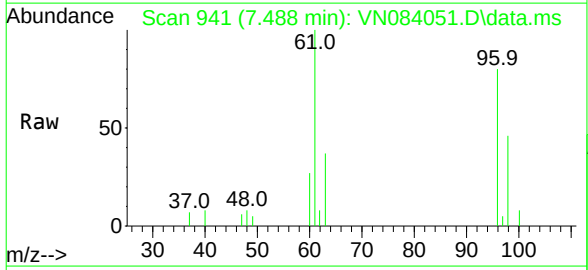




#27
cis-1,2-Dichloroethene
Concen: 3.448 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN084051.D
Acq: 19 Sep 2024 22:06

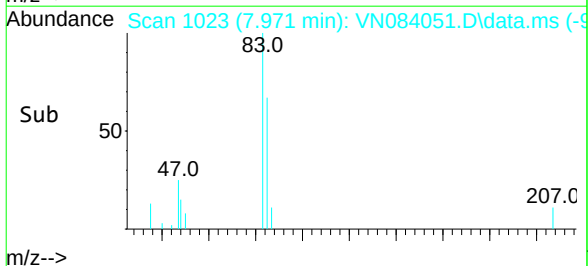
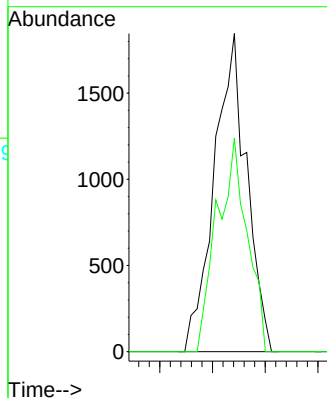
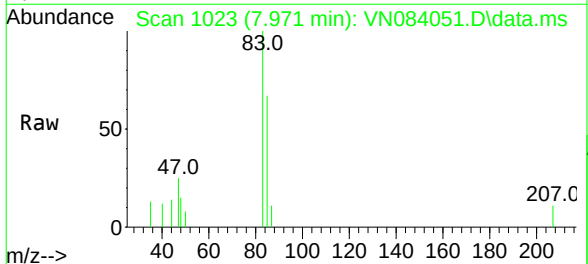
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20240913

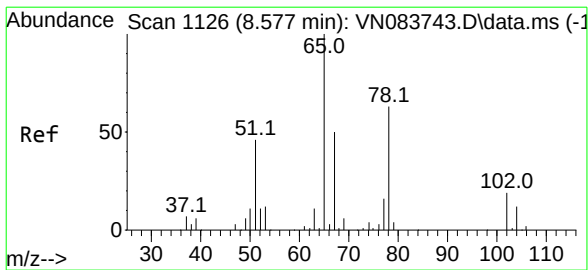
Tgt Ion:	96	Resp:	6854
Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	306.2
98	62.9	0.0	128.6



#30
Chloroform
Concen: 1.122 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.012 min
Lab File: VN084051.D
Acq: 19 Sep 2024 22:06

Tgt Ion:	83	Resp:	3934
Ion	Ratio	Lower	Upper
83	100		
85	67.2	52.8	79.2

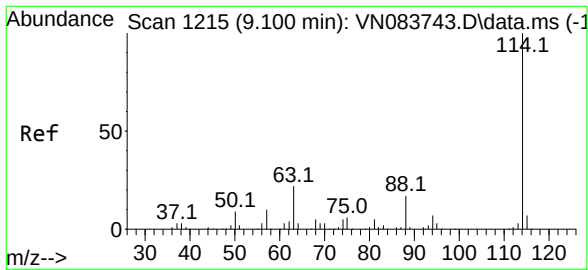
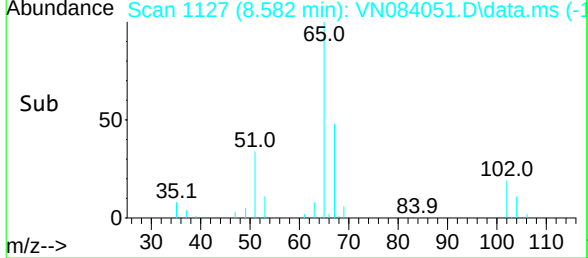
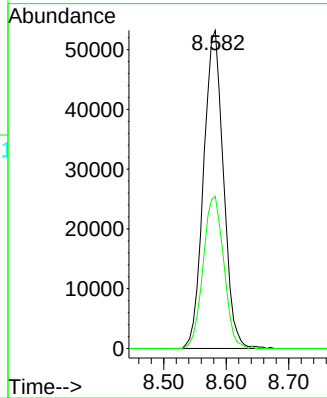
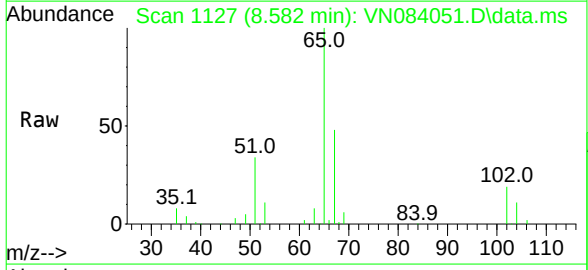




#33
1,2-Dichloroethane-d4
Concen: 53.981 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084051.D
Acq: 19 Sep 2024 22:06

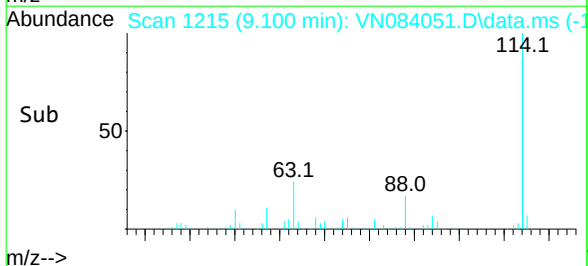
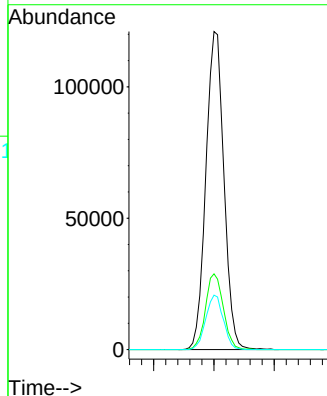
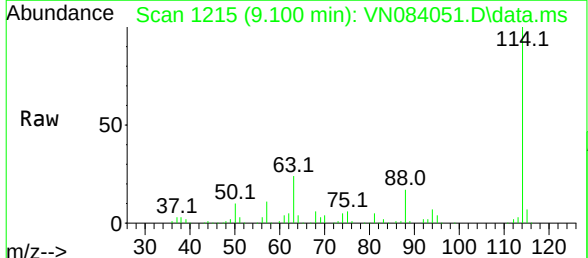
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20240913

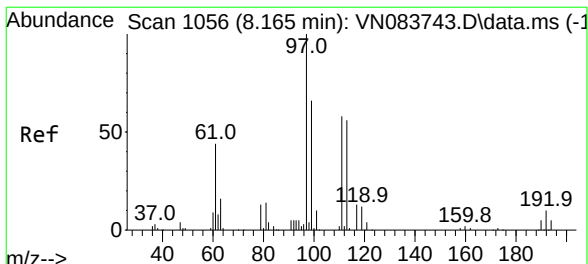
Tgt Ion: 65 Resp: 117593
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084051.D
Acq: 19 Sep 2024 22:06

Tgt Ion: 114 Resp: 251584
Ion Ratio Lower Upper
114 100
63 23.8 0.0 43.4
88 17.1 0.0 32.6

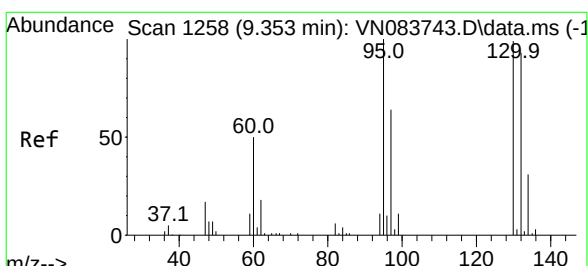
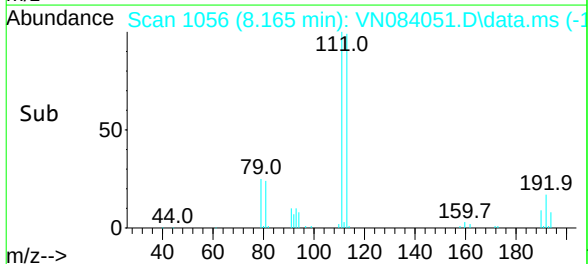
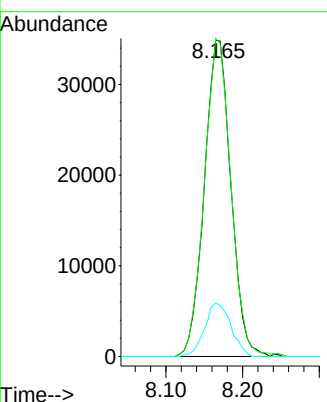
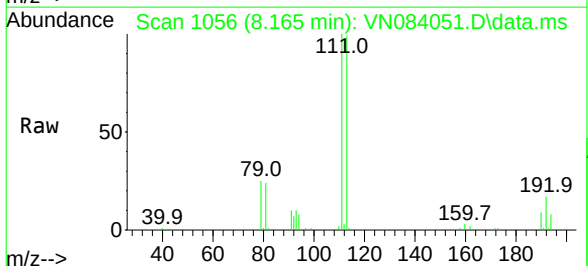




#35
 Dibromofluoromethane
 Concen: 52.019 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084051.D
 Acq: 19 Sep 2024 22:06

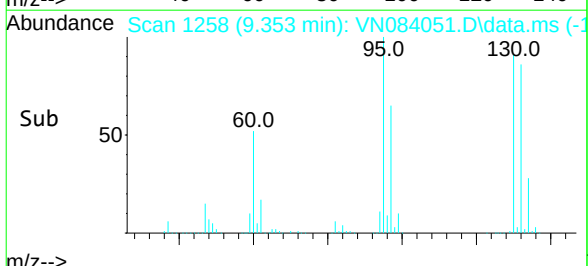
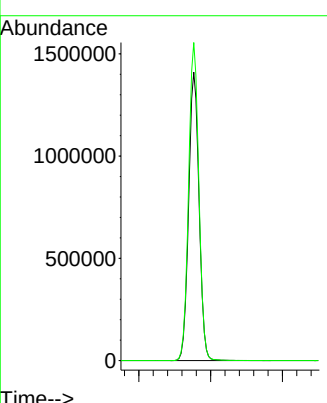
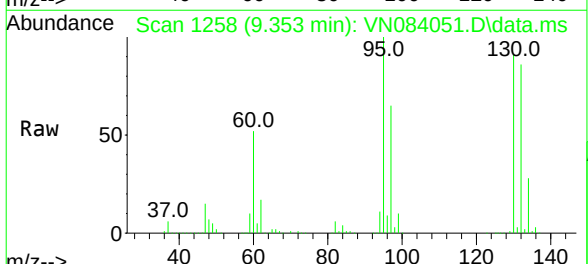
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20240913

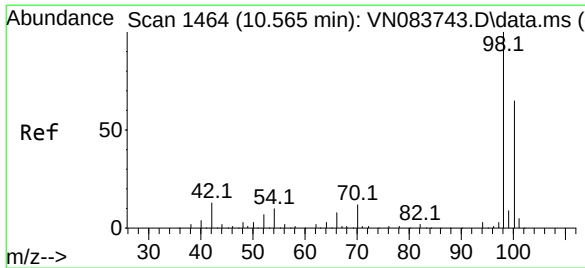
Tgt Ion:	113	Resp:	83783
Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.6	124.0
192	16.7	14.3	21.5



#44
 Trichloroethene
 Concen: 1674.788 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. -0.000 min
 Lab File: VN084051.D
 Acq: 19 Sep 2024 22:06

Tgt Ion:	130	Resp:	2829859
Ion	Ratio	Lower	Upper
130	100		
95	110.3	0.0	200.4





#50

Toluene-d8

Concen: 56.379 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084051.D

Acq: 19 Sep 2024 22:06

Instrument :

MSVOA_N

ClientSampleId :

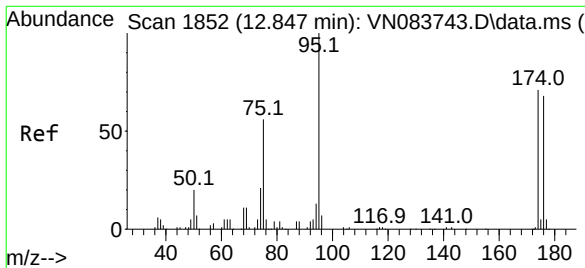
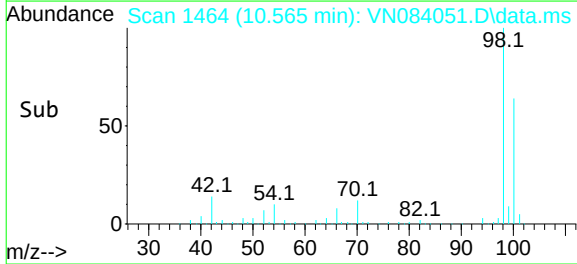
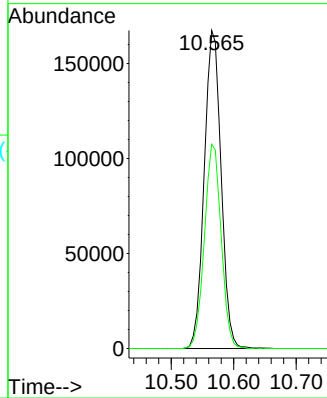
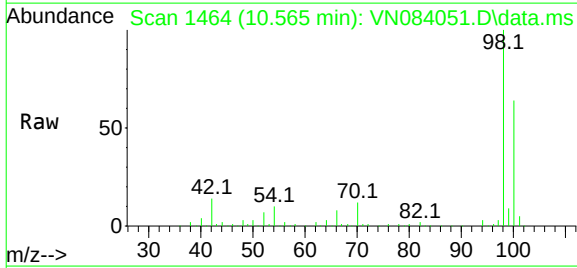
RE108D2-20240913

Tgt Ion: 98 Resp: 313914

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.596 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084051.D

Acq: 19 Sep 2024 22:06

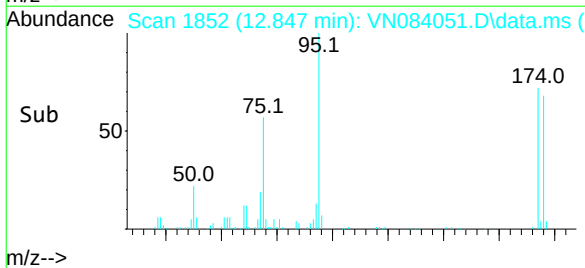
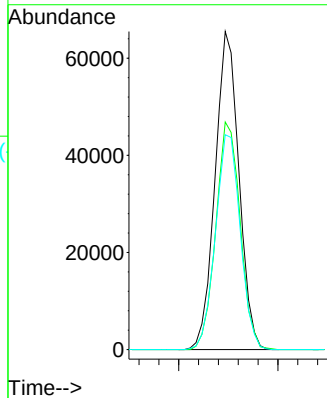
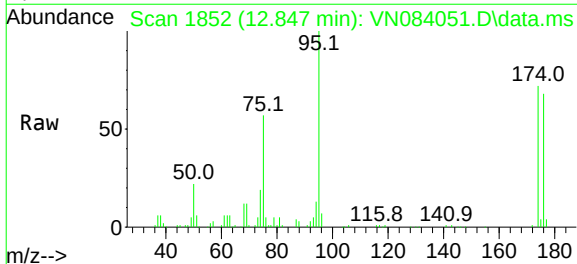
Tgt Ion: 95 Resp: 109338

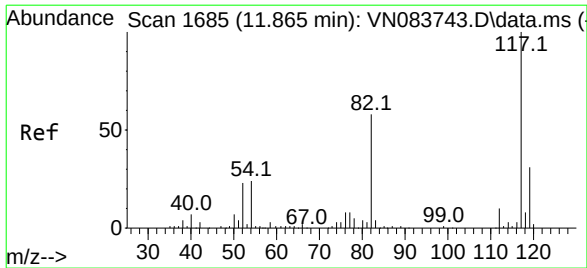
Ion Ratio Lower Upper

95 100

174 72.9 0.0 139.8

176 70.1 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: VN084051.D

Acq: 19 Sep 2024 22:06

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20240913

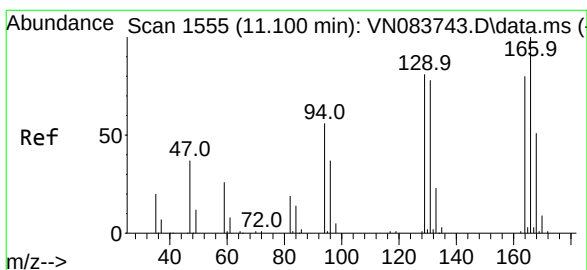
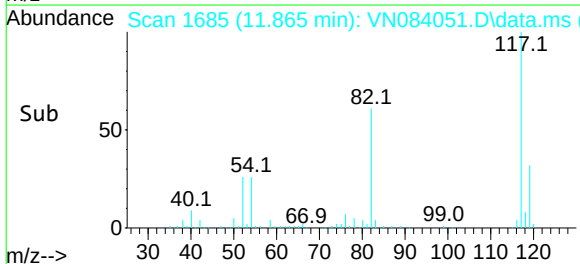
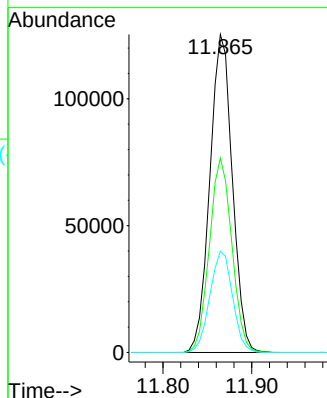
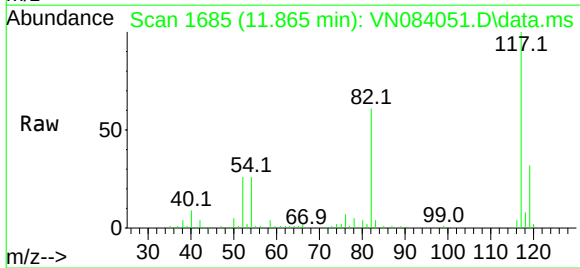
Tgt Ion:117 Resp: 220809

Ion Ratio Lower Upper

117 100

82 61.1 47.4 71.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 2.798 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN084051.D

Acq: 19 Sep 2024 22:06

Tgt Ion:164 Resp: 4109

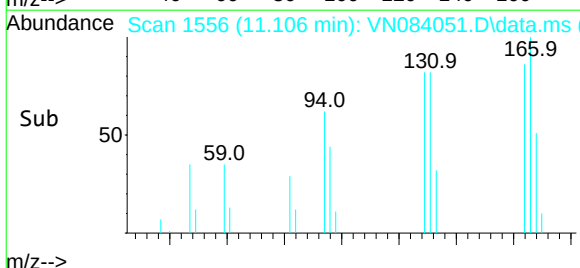
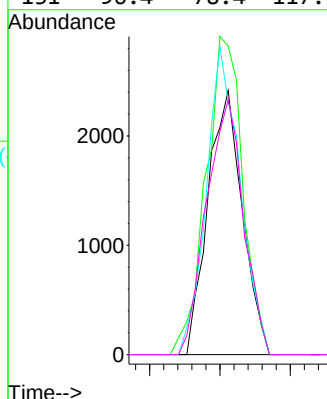
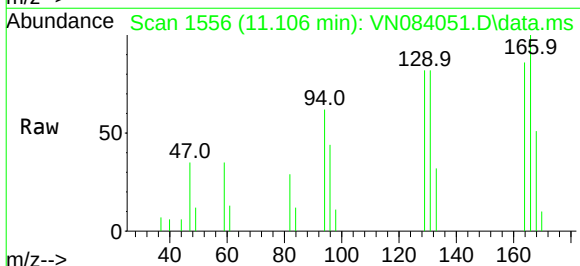
Ion Ratio Lower Upper

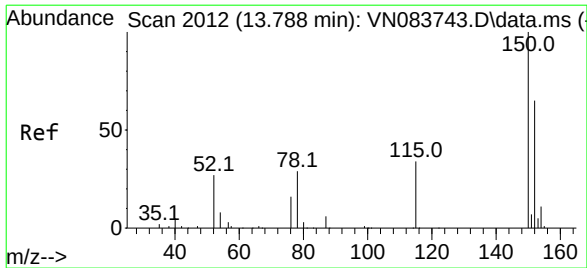
164 100

166 116.9 103.7 155.5

129 95.6 79.9 119.9

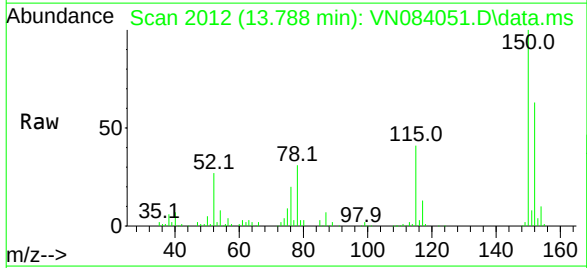
131 96.4 78.4 117.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084051.D
 Acq: 19 Sep 2024 22:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20240913



Tgt Ion:	152	Resp:	91758
Ion	Ratio	Lower	Upper
152	100		
115	64.3	32.2	96.6
150	157.3	0.0	348.6

