

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084297.D
 Acq On : 03 Oct 2024 14:39
 Operator : JC\MD
 Sample : P4226-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927

Quant Time: Oct 04 01:35:00 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)

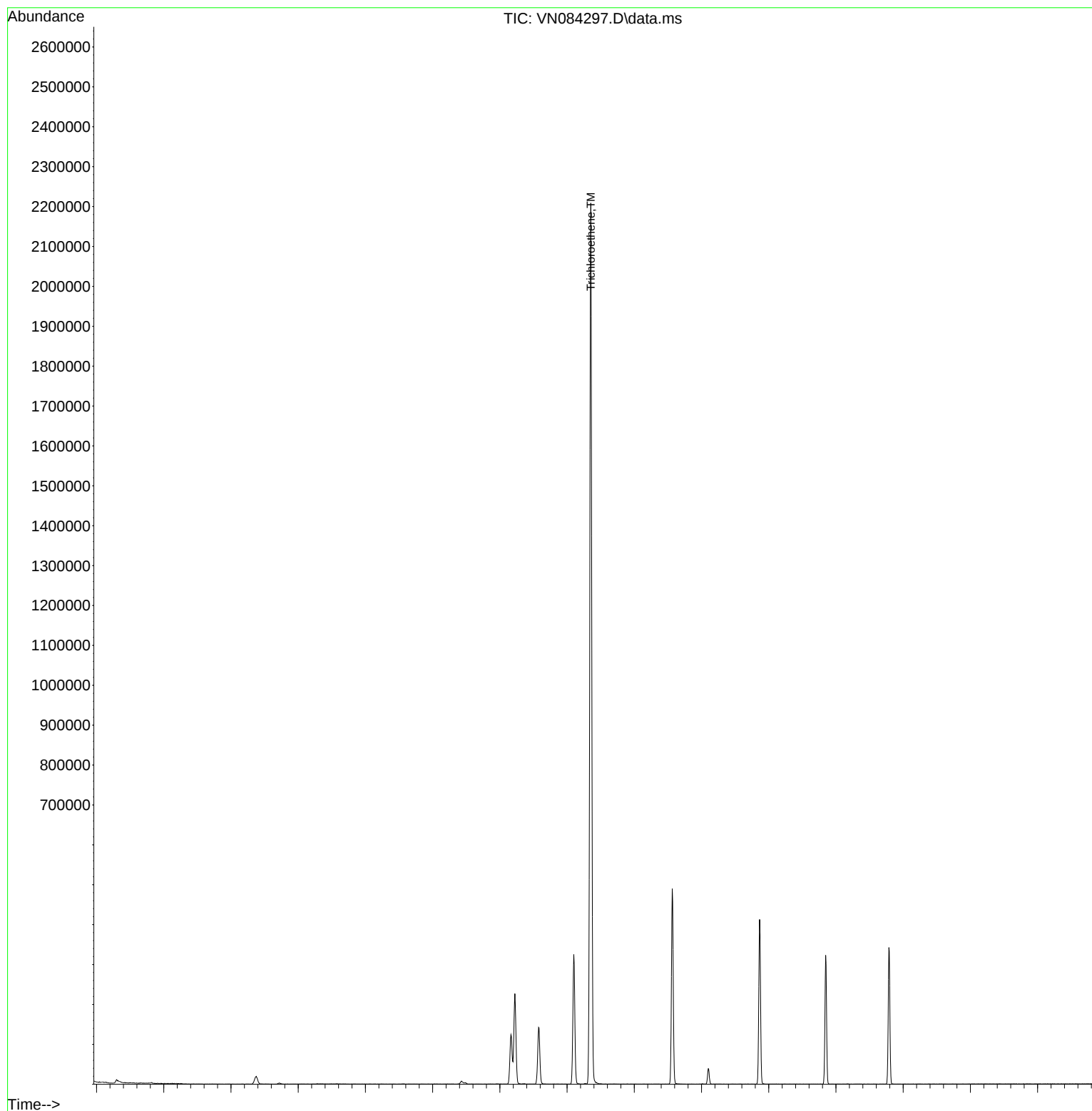
Internal Standards						
1) Pentafluorobenzene	8.224	168	156008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	117432	50.768	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.540%	
35) Dibromofluoromethane	8.165	113	90548	50.703	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.400%	
50) Toluene-d8	10.565	98	336435	51.206	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.420%	
62) 4-Bromofluorobenzene	12.847	95	111110	46.419	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	92.840%	
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	13850	7.605	ug/l	100
12) 1,1-Dichloroethene	4.347	96	1043	0.594	ug/l #	56
27) cis-1,2-Dichloroethene	7.482	96	2275	1.023	ug/l	68
44) Trichloroethene	9.353	130	774899	410.515	ug/l	97
64) Tetrachloroethene	11.106	164	8835	5.408	ug/l	94

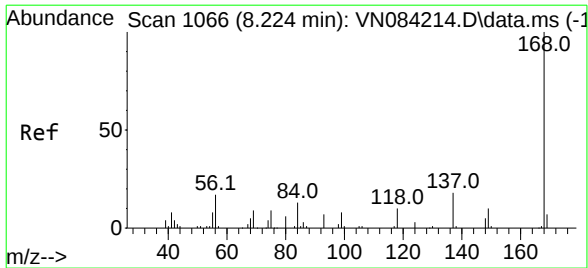
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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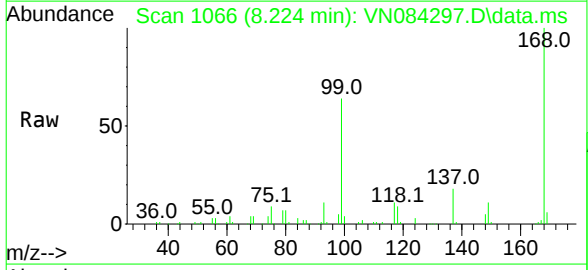
Quant Time: Oct 04 01:35:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



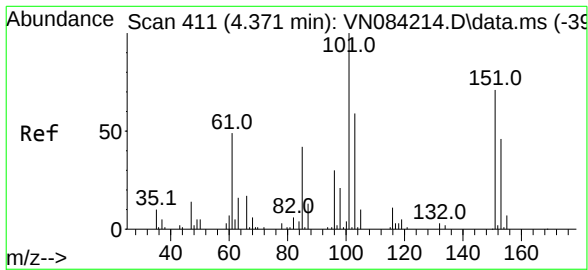
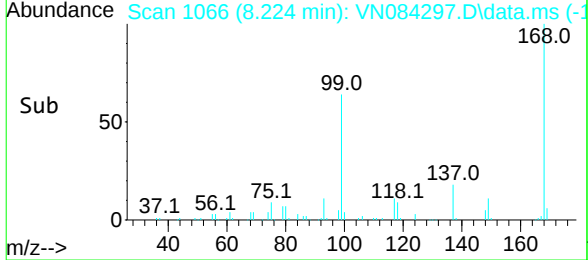
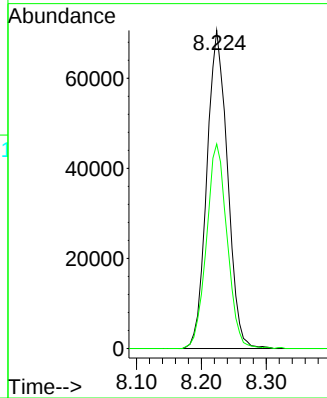


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084297.D
Acq: 03 Oct 2024 14:39

Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927

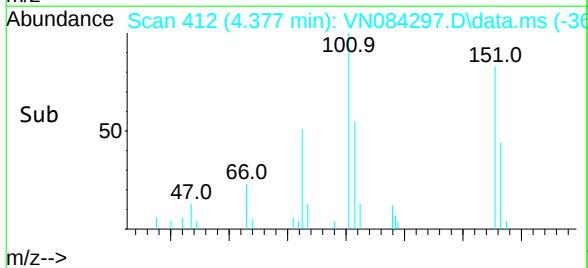
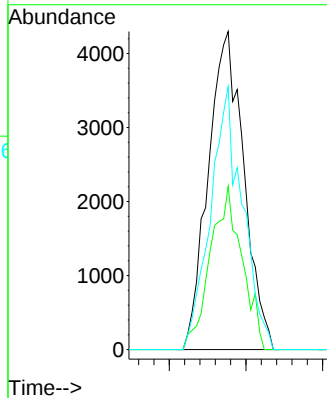
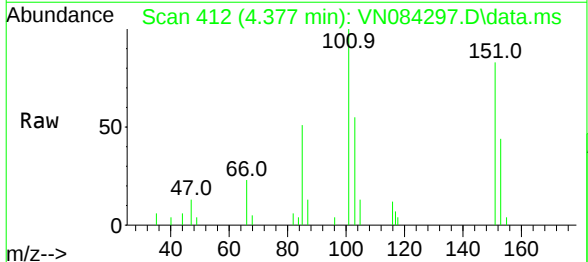


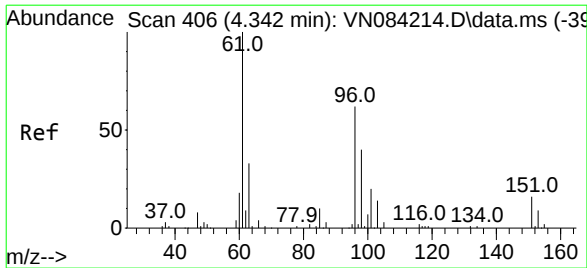
Tgt Ion:168 Resp: 156008
Ion Ratio Lower Upper
168 100
99 64.3 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.605 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN084297.D
Acq: 03 Oct 2024 14:39

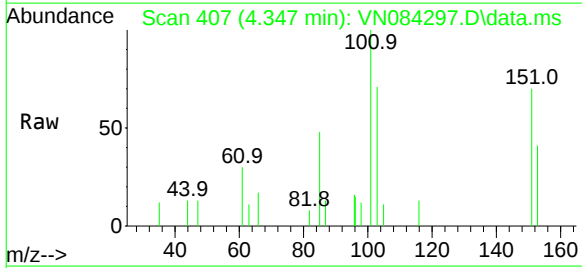
Tgt Ion:101 Resp: 13850
Ion Ratio Lower Upper
101 100
85 45.5 36.2 54.4
151 74.3 59.3 88.9



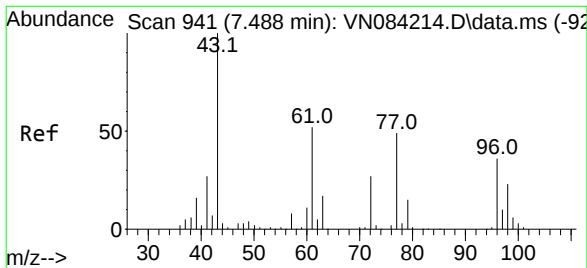
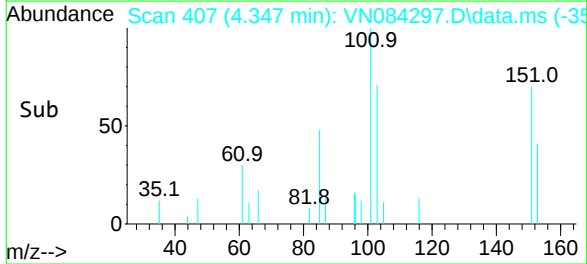
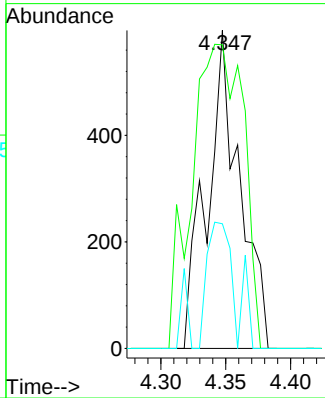


#12
1,1-Dichloroethene
Concen: 0.594 ug/l
RT: 4.347 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN084297.D
Acq: 03 Oct 2024 14:39

Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927

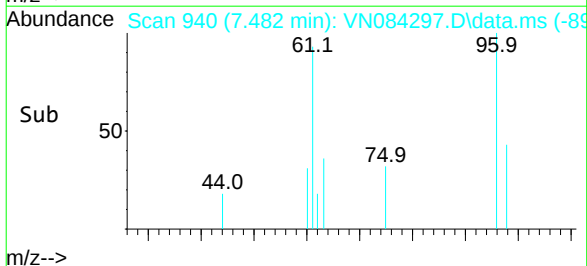
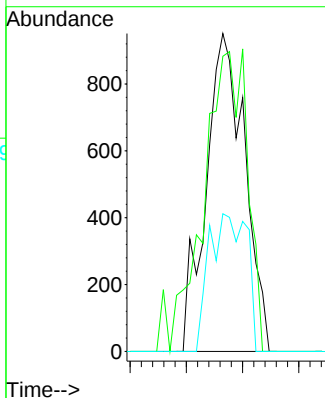
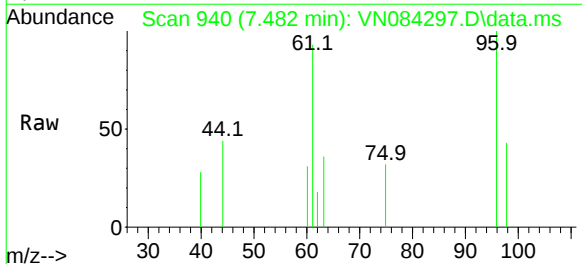


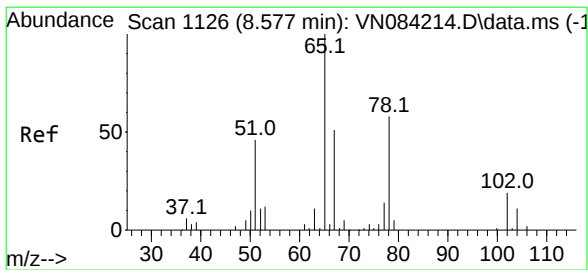
Tgt Ion: 96 Resp: 1043
Ion Ratio Lower Upper
96 100
61 95.5 128.6 192.8#
98 39.2 51.7 77.5#



#27
cis-1,2-Dichloroethene
Concen: 1.023 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084297.D
Acq: 03 Oct 2024 14:39

Tgt Ion: 96 Resp: 2275
Ion Ratio Lower Upper
96 100
61 108.5 0.0 301.8
98 42.1 0.0 128.2

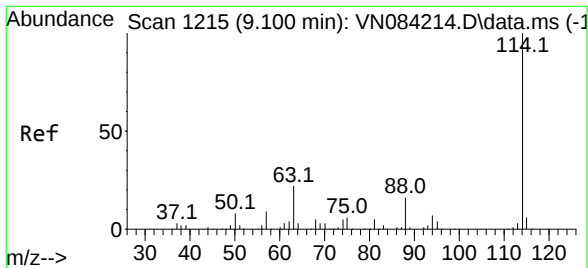
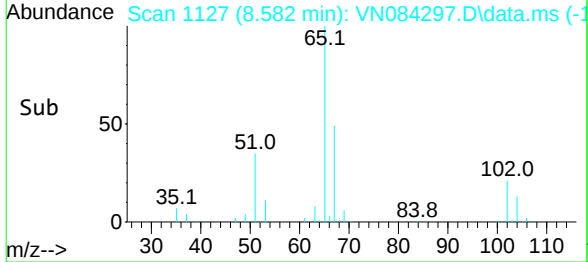
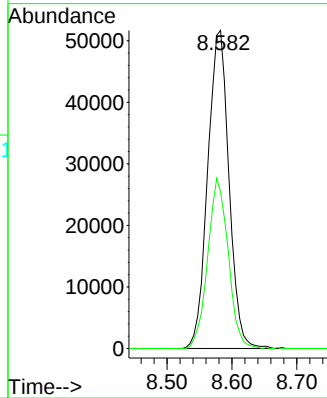
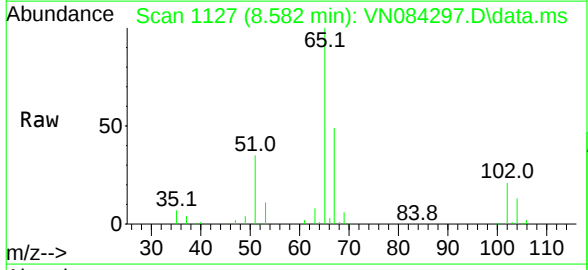




#33
1,2-Dichloroethane-d4
Concen: 50.768 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084297.D
Acq: 03 Oct 2024 14:39

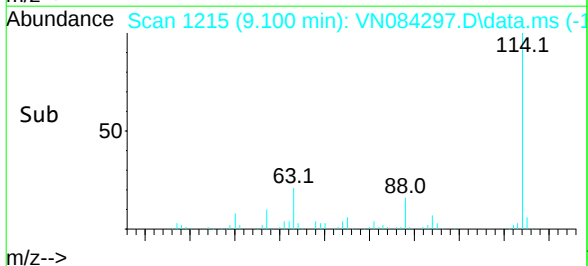
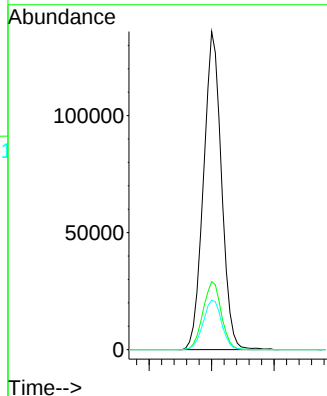
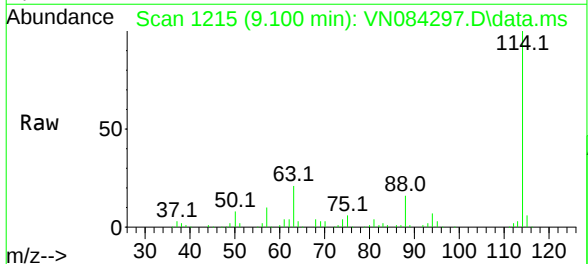
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927

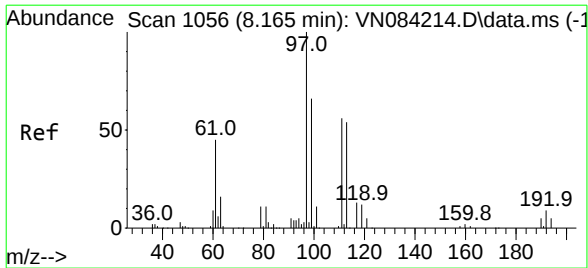
Tgt Ion: 65 Resp: 117432
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084297.D
Acq: 03 Oct 2024 14:39

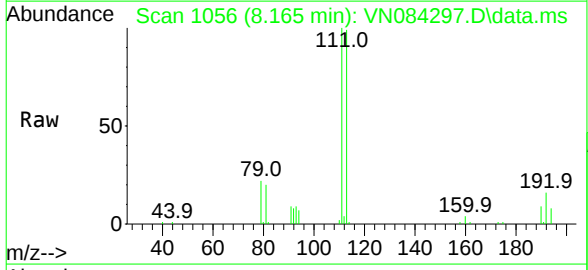
Tgt Ion: 114 Resp: 270884
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.8
88 15.5 0.0 31.6



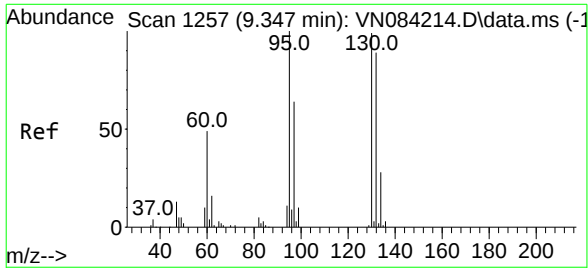
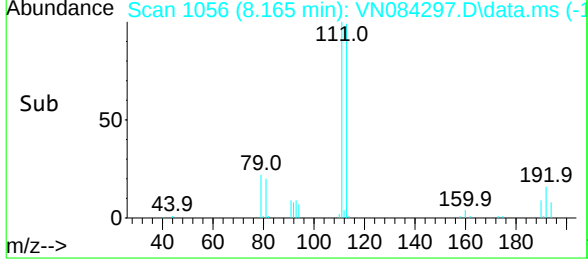
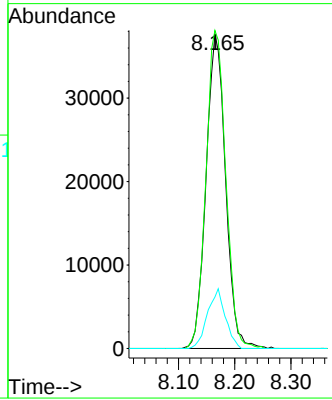


#35
 Dibromofluoromethane
 Concen: 50.703 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084297.D
 Acq: 03 Oct 2024 14:39

Instrument : MSVOA_N
 ClientSampleId : RW4-20240927

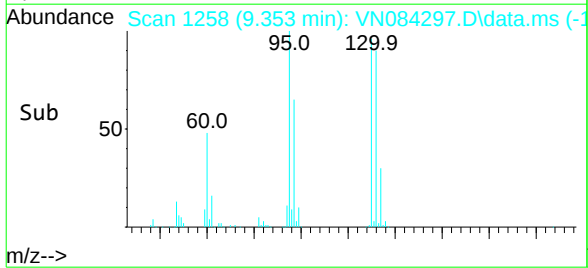
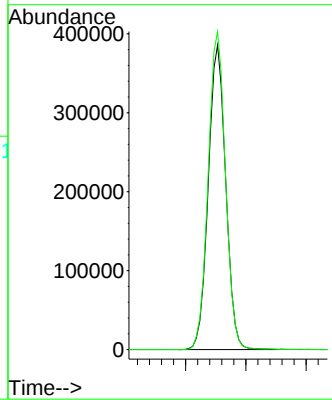
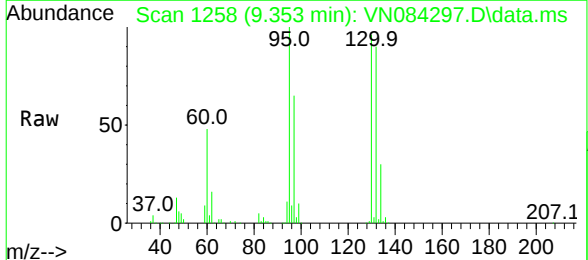


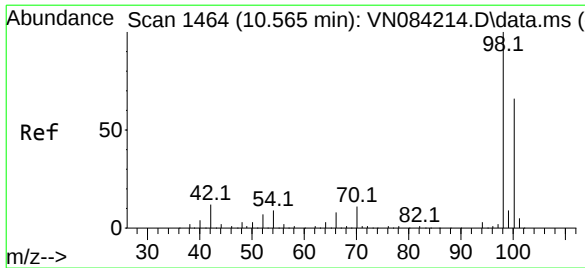
Tgt Ion:	113	Resp:	90548
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.3	124.9
192	17.4	13.5	20.3



#44
 Trichloroethene
 Concen: 410.515 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.006 min
 Lab File: VN084297.D
 Acq: 03 Oct 2024 14:39

Tgt Ion:	130	Resp:	774899
Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	203.0





#50

Toluene-d8

Concen: 51.206 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084297.D

Acq: 03 Oct 2024 14:39

Instrument :

MSVOA_N

ClientSampleId :

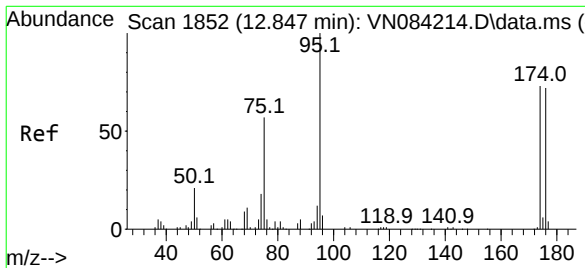
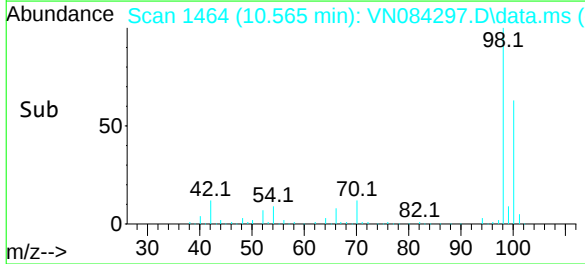
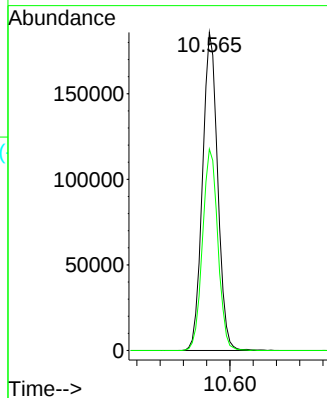
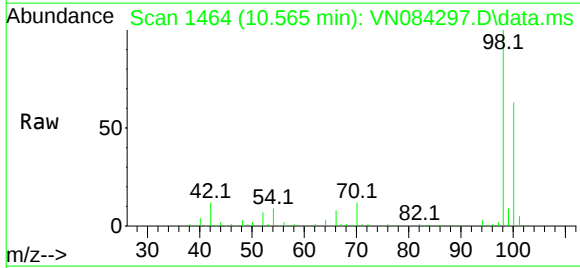
RW4-20240927

Tgt Ion: 98 Resp: 336435

Ion Ratio Lower Upper

98 100

100 64.0 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.419 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084297.D

Acq: 03 Oct 2024 14:39

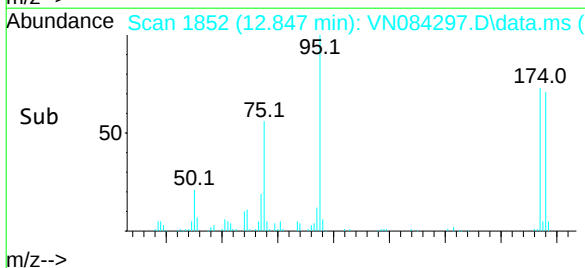
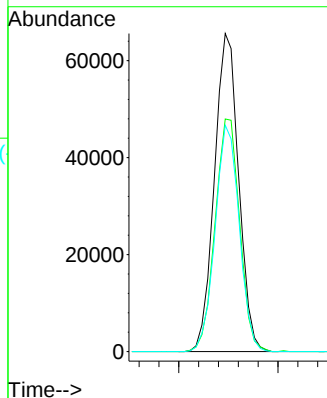
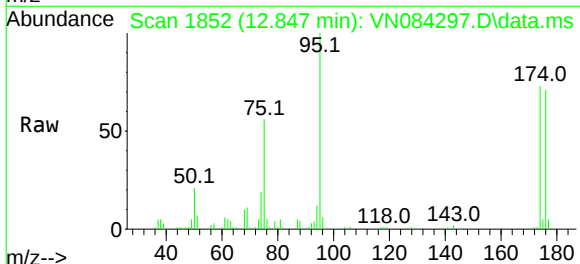
Tgt Ion: 95 Resp: 111110

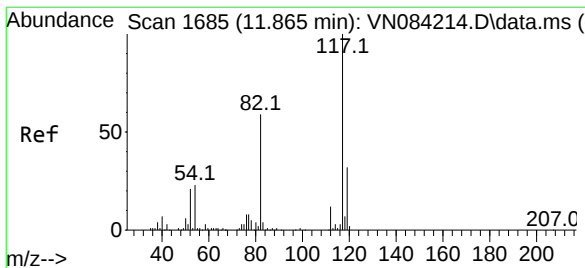
Ion Ratio Lower Upper

95 100

174 74.3 0.0 145.2

176 70.7 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: VN084297.D

Acq: 03 Oct 2024 14:39

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927

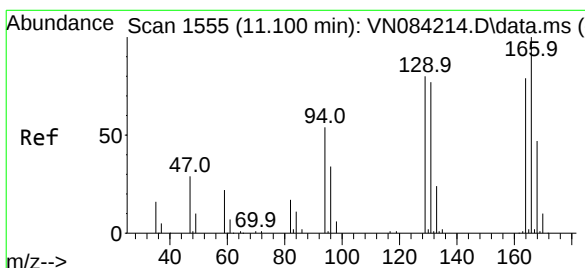
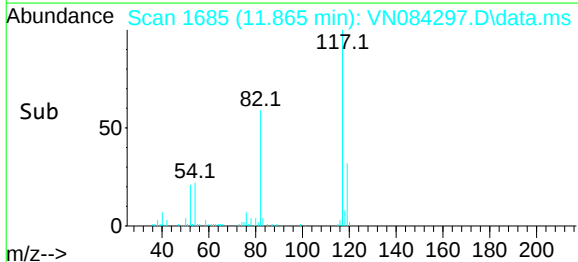
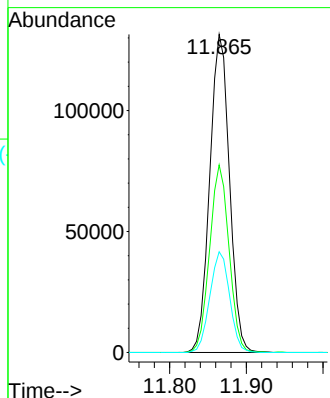
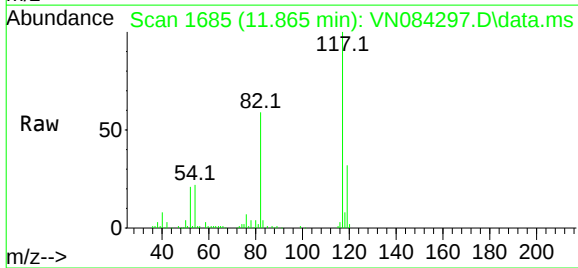
Tgt Ion:117 Resp: 234558

Ion Ratio Lower Upper

117 100

82 59.0 47.2 70.8

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 5.408 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN084297.D

Acq: 03 Oct 2024 14:39

Tgt Ion:164 Resp: 8835

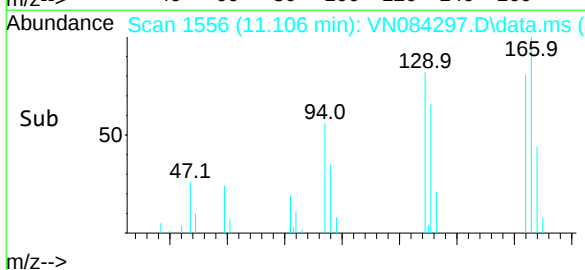
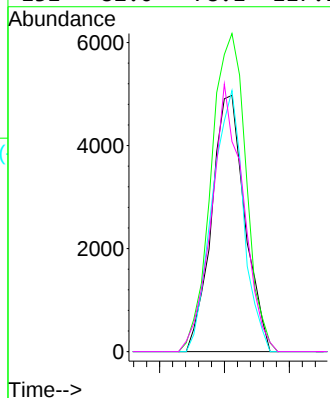
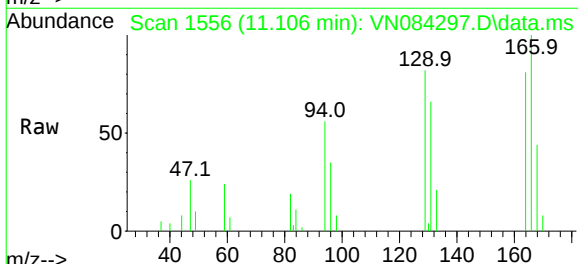
Ion Ratio Lower Upper

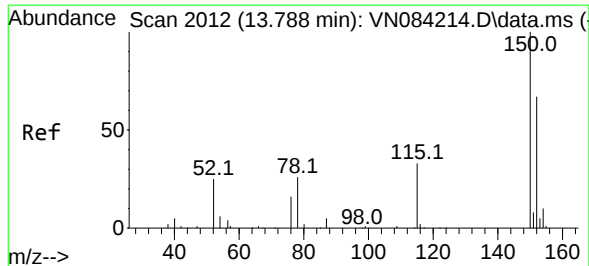
164 100

166 124.1 101.0 151.4

129 101.8 80.8 121.2

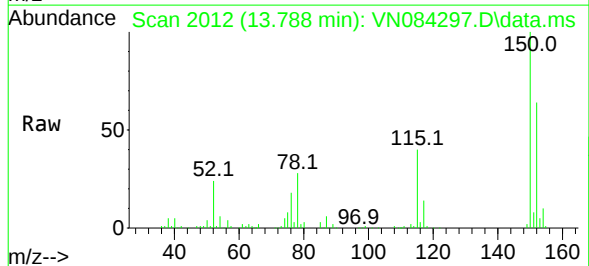
131 82.0 78.1 117.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084297.D
 Acq: 03 Oct 2024 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927



Tgt Ion:	152	Resp:	92894
Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.3	93.9
150	157.2	0.0	349.8

