

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047910.D
 Acq On : 30 Sep 2025 14:58
 Operator : JC/MD
 Sample : Q3193-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20250922

Quant Time: Oct 01 01:11:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

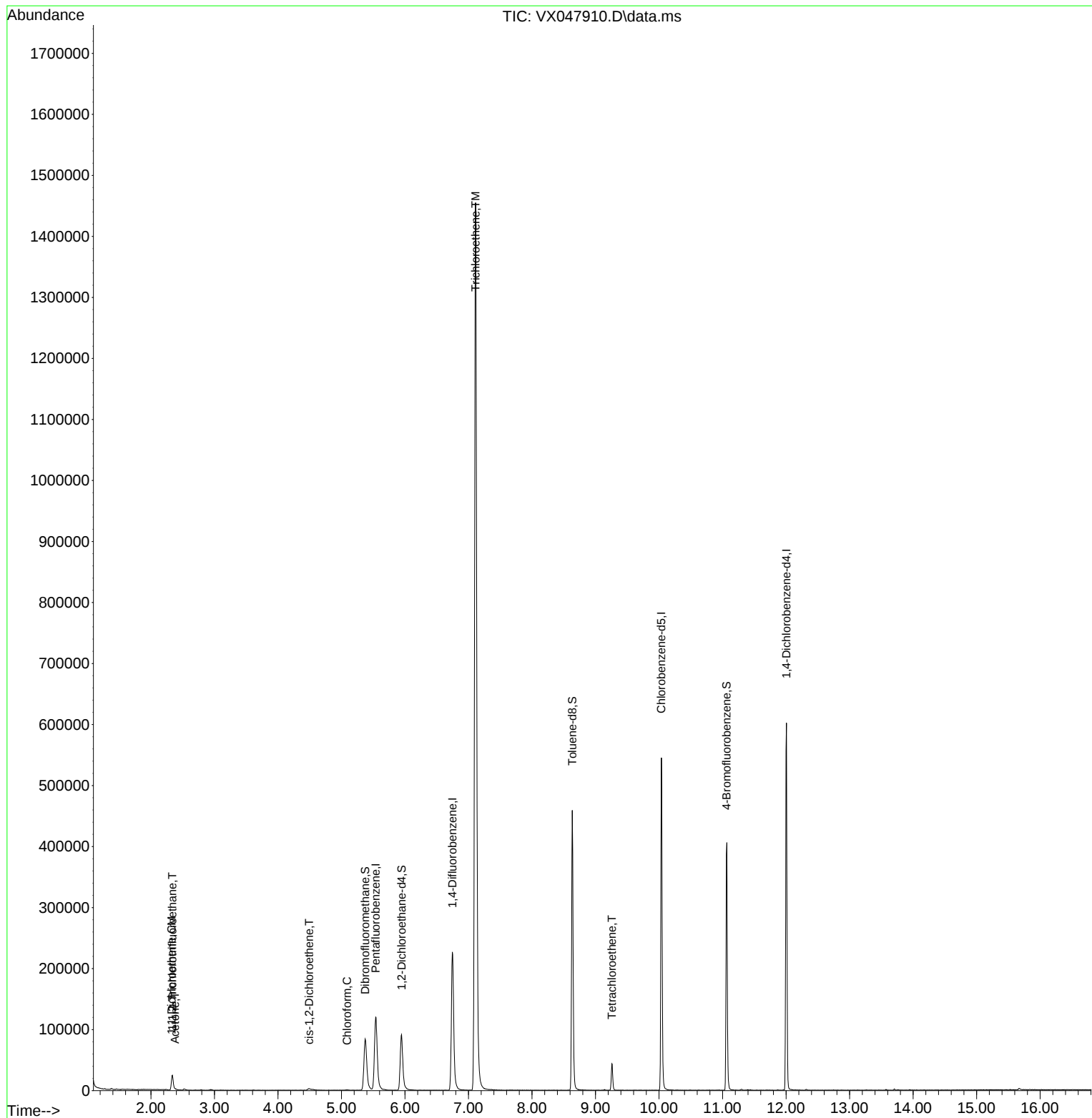
Internal Standards						
1) Pentafluorobenzene	5.538	168	119753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	250577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99109	51.994	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.980%	
35) Dibromofluoromethane	5.373	113	82661	49.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.380%	
50) Toluene-d8	8.635	98	280068	48.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	11.061	95	118987	53.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.840%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	10662	7.698	ug/l	98
12) 1,1-Dichloroethene	2.325	96	1148	0.807	ug/l	96
16) Acetone	2.380	43	1867	2.253	ug/l #	79
27) cis-1,2-Dichloroethene	4.489	96	1671	0.891	ug/l	98
30) Chloroform	5.087	83	760	0.249	ug/l	86
44) Trichloroethene	7.111	130	611255	338.992	ug/l	95
64) Tetrachloroethene	9.256	164	8627	5.220	ug/l	95

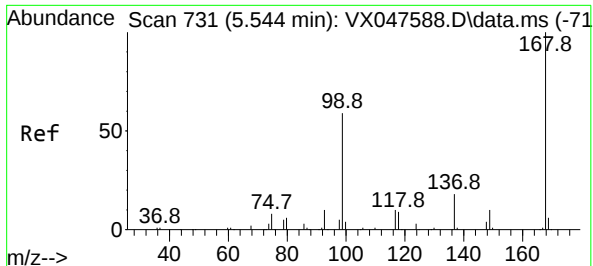
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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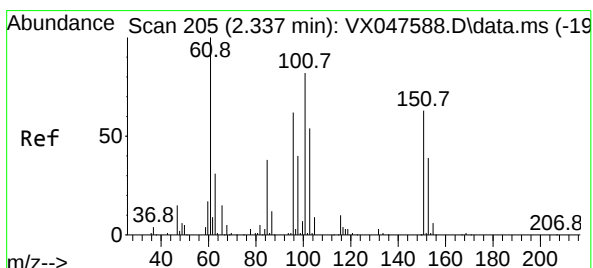
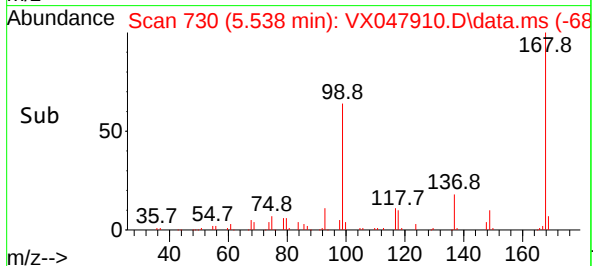
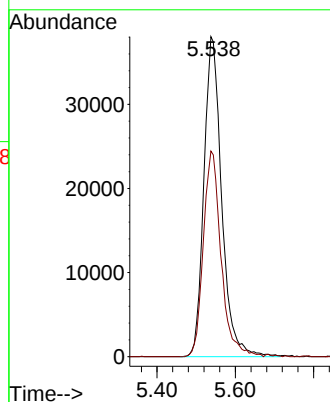
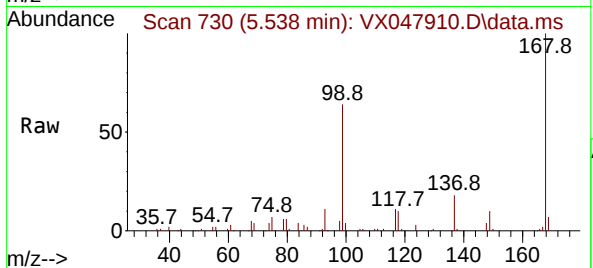




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047910.D
Acq: 30 Sep 2025 14:58

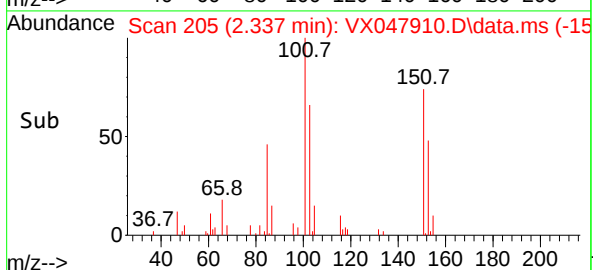
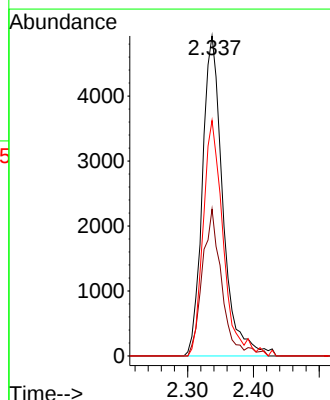
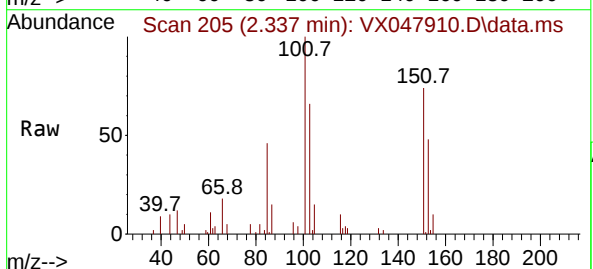
Instrument :
MSVOA_X
ClientSampleId :
RW4-20250922

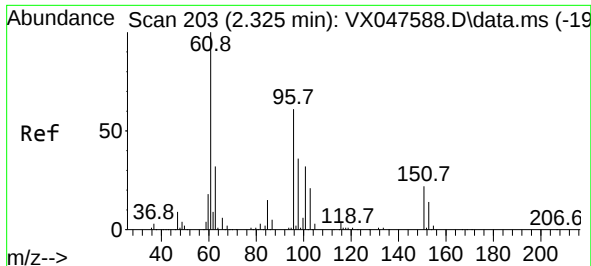
Tgt Ion:168 Resp: 119753
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.698 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047910.D
Acq: 30 Sep 2025 14:58

Tgt Ion:101 Resp: 10662
Ion Ratio Lower Upper
101 100
85 43.7 35.5 53.3
151 71.8 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.807 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX047910.D

Acq: 30 Sep 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

RW4-20250922

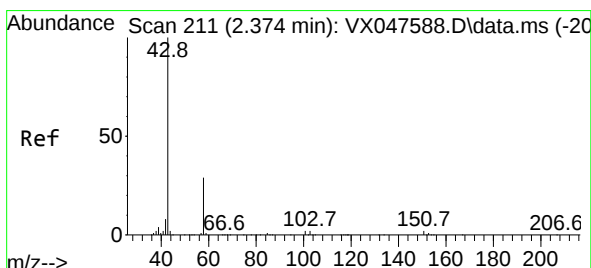
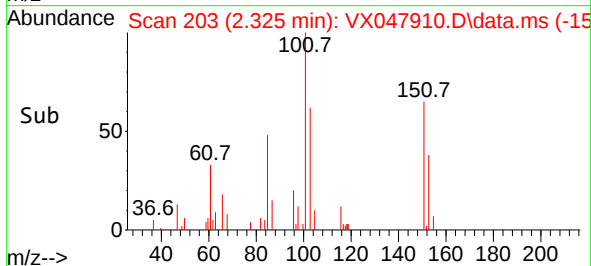
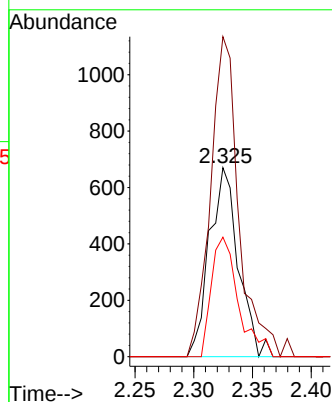
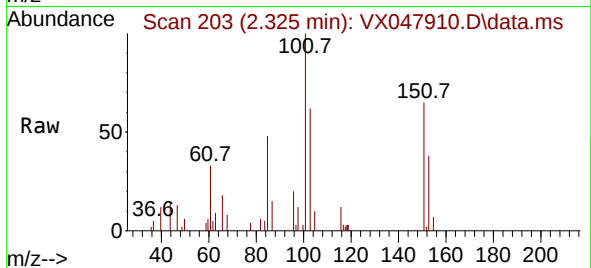
Tgt Ion: 96 Resp: 1148

Ion Ratio Lower Upper

96 100

61 169.4 131.0 196.6

98 63.3 47.7 71.5



#16

Acetone

Concen: 2.253 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX047910.D

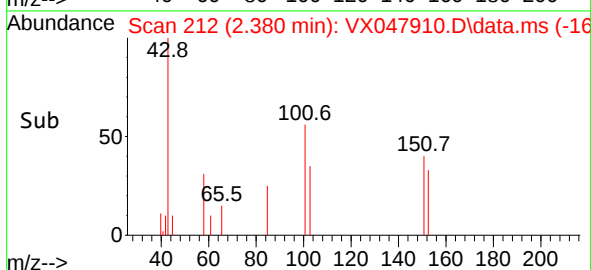
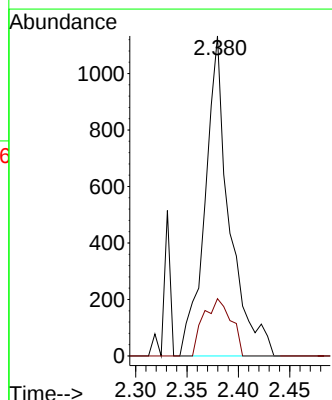
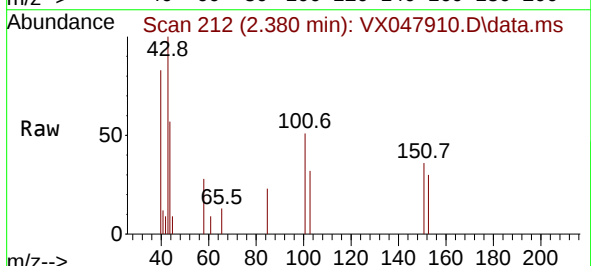
Acq: 30 Sep 2025 14:58

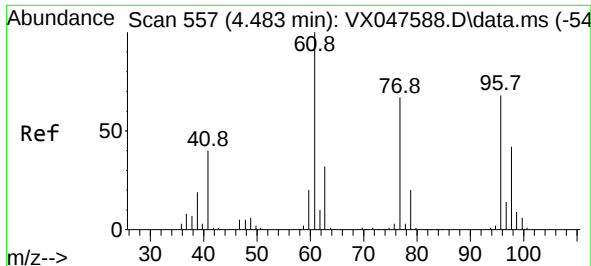
Tgt Ion: 43 Resp: 1867

Ion Ratio Lower Upper

43 100

58 17.9 23.4 35.0#

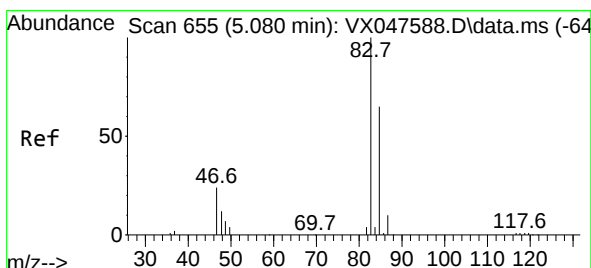
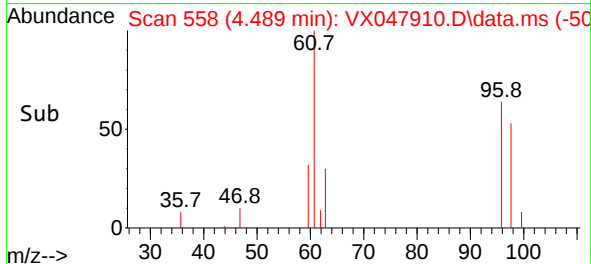
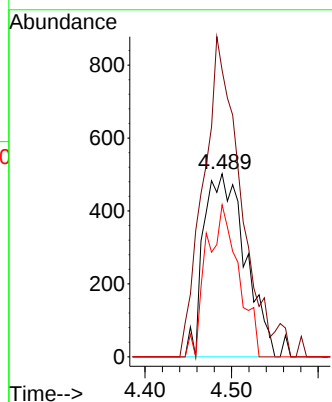
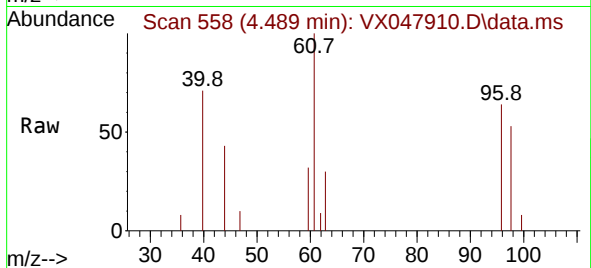




#27
 cis-1,2-Dichloroethene
 Concen: 0.891 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX047910.D
 Acq: 30 Sep 2025 14:58

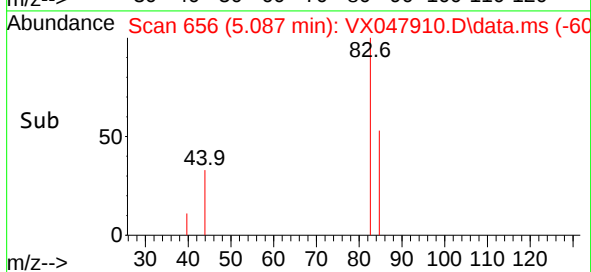
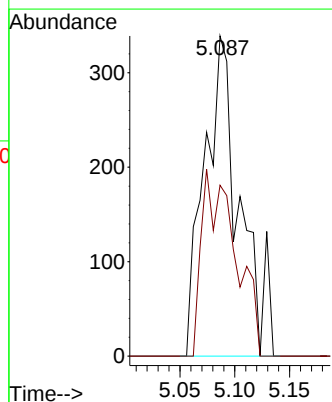
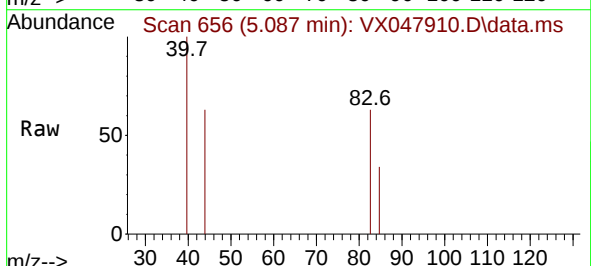
Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20250922

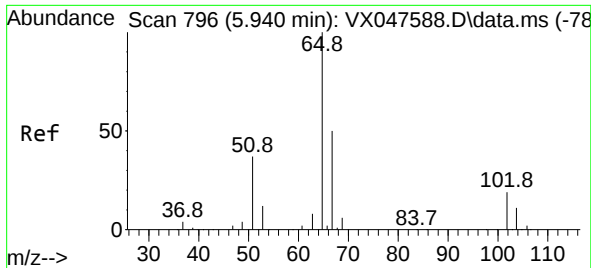
Tgt Ion: 96	Resp: 1671
Ion Ratio	Lower Upper
96 100	
61 154.4	0.0 303.2
98 63.6	0.0 127.8



#30
 Chloroform
 Concen: 0.249 ug/l
 RT: 5.087 min Scan# 656
 Delta R.T. 0.006 min
 Lab File: VX047910.D
 Acq: 30 Sep 2025 14:58

Tgt Ion: 83	Resp: 760
Ion Ratio	Lower Upper
83 100	
85 53.4	51.8 77.6

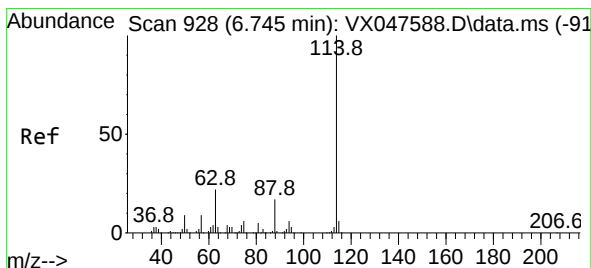
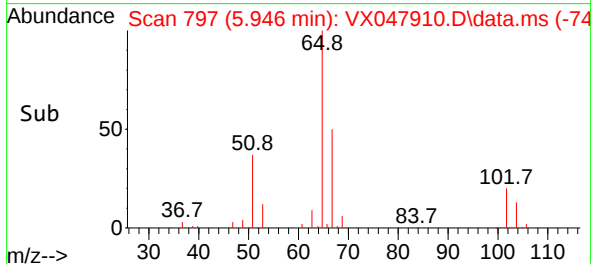
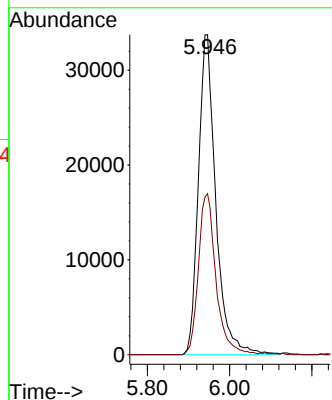
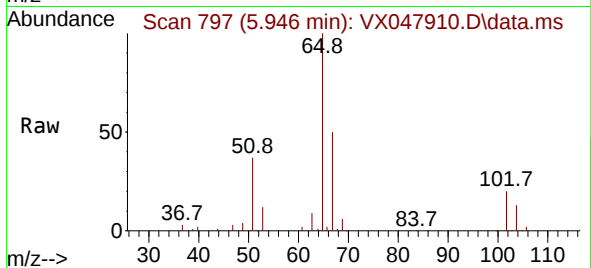




#33
 1,2-Dichloroethane-d4
 Concen: 51.994 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX047910.D
 Acq: 30 Sep 2025 14:58

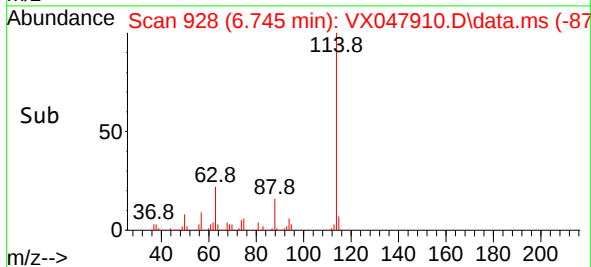
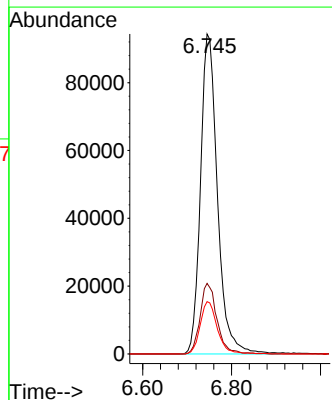
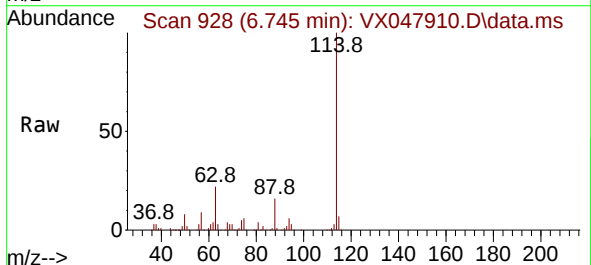
Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20250922

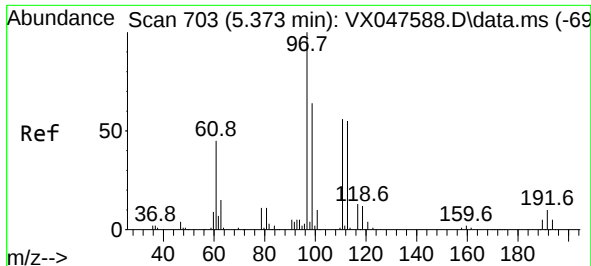
Tgt Ion: 65 Resp: 99109
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX047910.D
 Acq: 30 Sep 2025 14:58

Tgt Ion: 114 Resp: 250577
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.0
 88 16.3 0.0 34.2

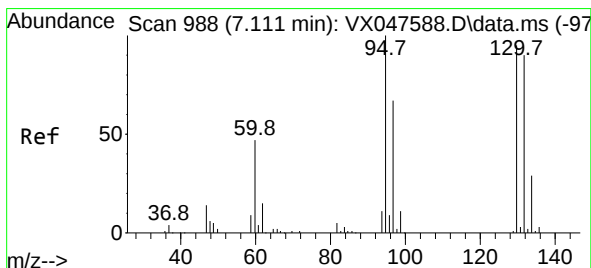
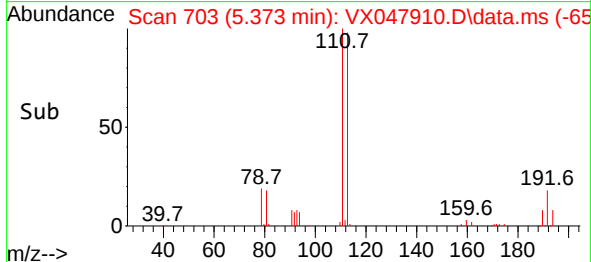
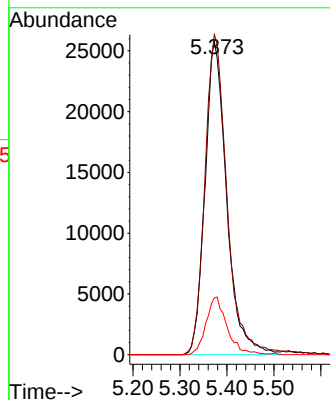
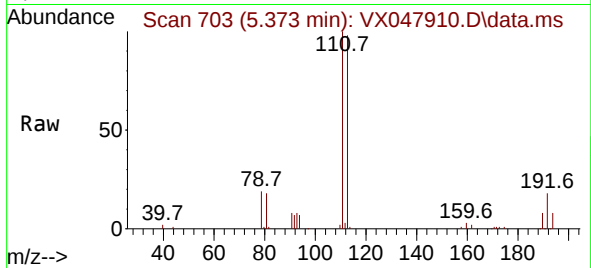




#35
Dibromofluoromethane
Concen: 49.188 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047910.D
Acq: 30 Sep 2025 14:58

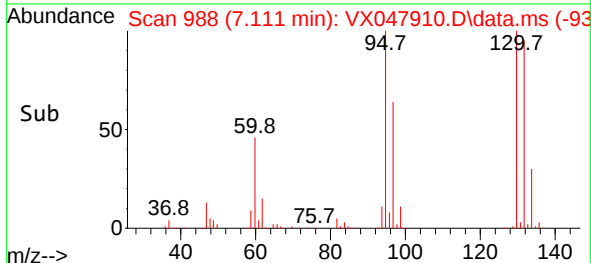
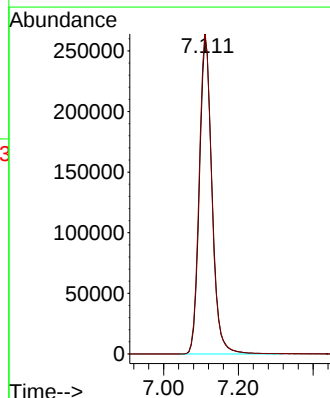
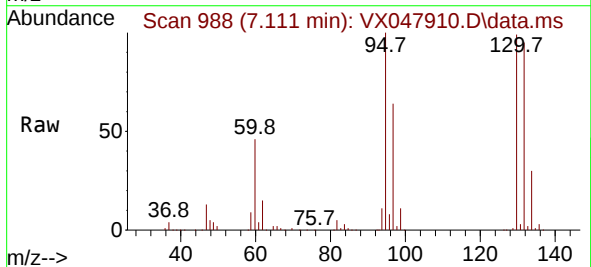
Instrument :
MSVOA_X
ClientSampleId :
RW4-20250922

Tgt Ion:113 Resp: 82661
Ion Ratio Lower Upper
113 100
111 103.8 80.9 121.3
192 17.8 14.2 21.4



#44
Trichloroethene
Concen: 338.992 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047910.D
Acq: 30 Sep 2025 14:58

Tgt Ion:130 Resp: 611255
Ion Ratio Lower Upper
130 100
95 100.5 0.0 210.8

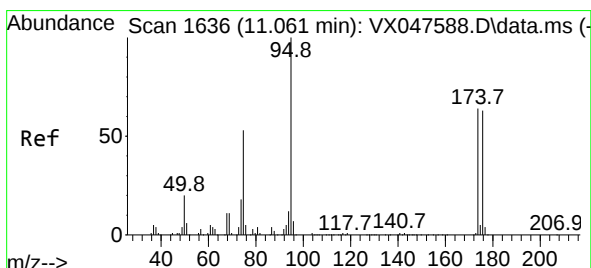
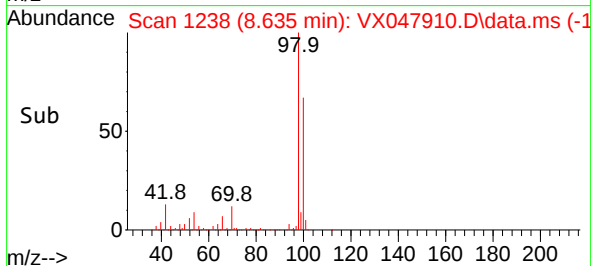
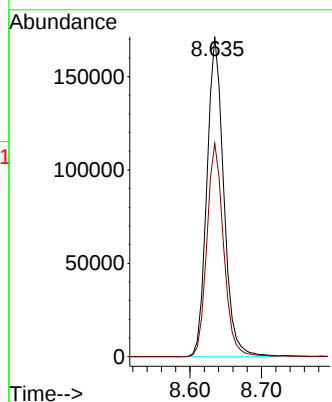
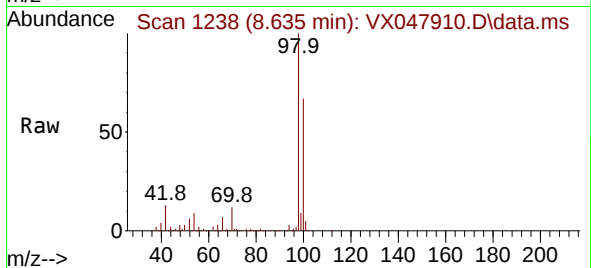




#50
Toluene-d8
Concen: 48.164 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047910.D
Acq: 30 Sep 2025 14:58

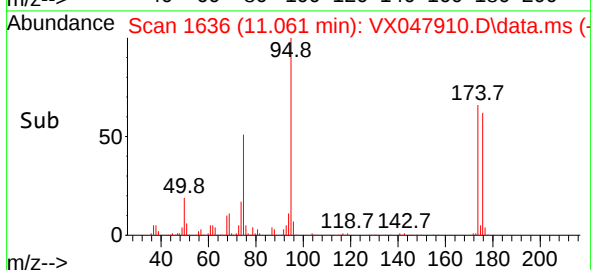
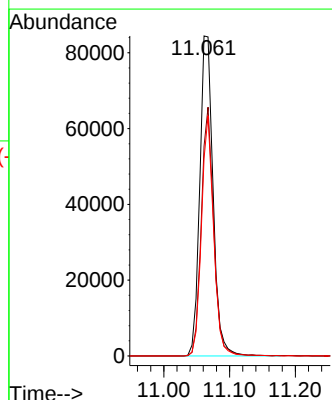
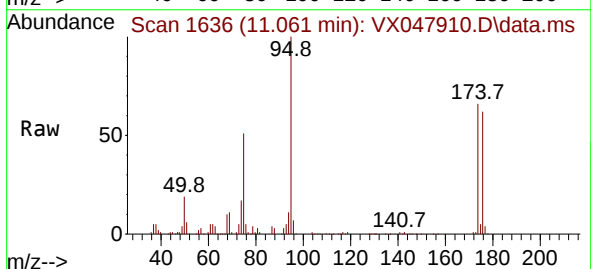
Instrument :
MSVOA_X
ClientSampleId :
RW4-20250922

Tgt Ion: 98 Resp: 280068
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.917 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047910.D
Acq: 30 Sep 2025 14:58

Tgt Ion: 95 Resp: 118987
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 68.7 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047910.D

Acq: 30 Sep 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

RW4-20250922

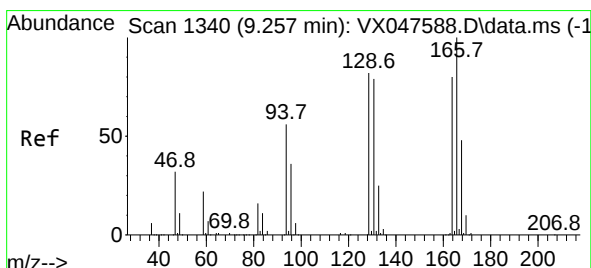
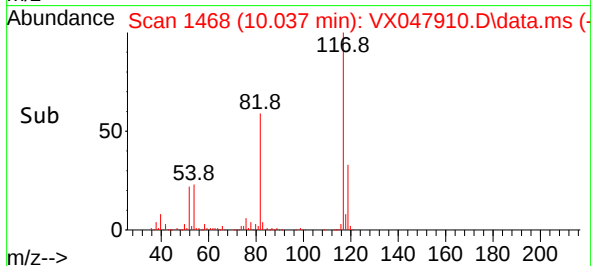
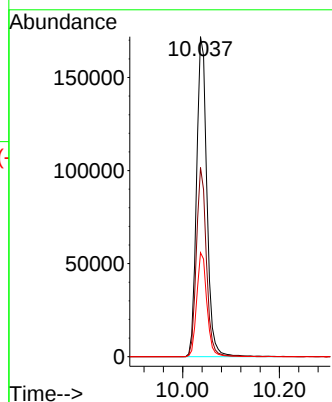
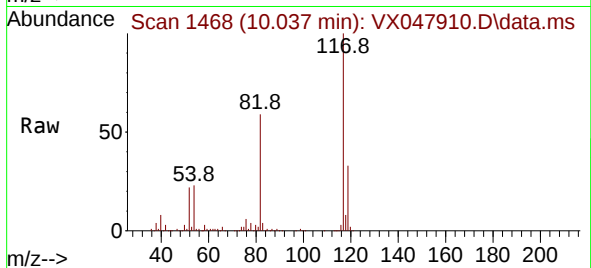
Tgt Ion:117 Resp: 253514

Ion Ratio Lower Upper

117 100

82 59.1 47.8 71.6

119 32.5 25.2 37.8



#64

Tetrachloroethene

Concen: 5.220 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX047910.D

Acq: 30 Sep 2025 14:58

Tgt Ion:164 Resp: 8627

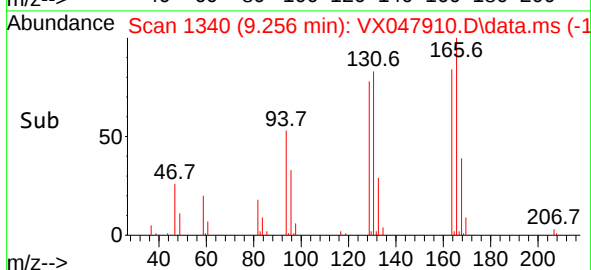
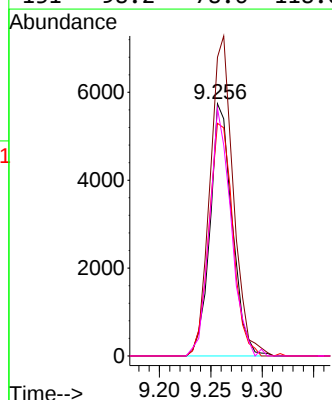
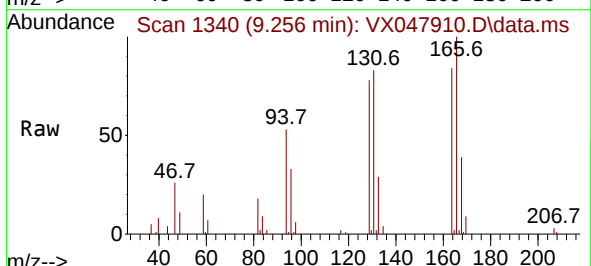
Ion Ratio Lower Upper

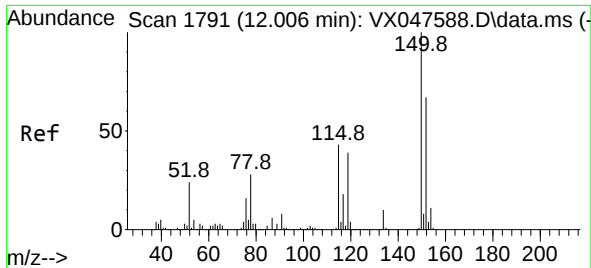
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166 118.4 100.2 150.2

129 92.2 81.8 122.6

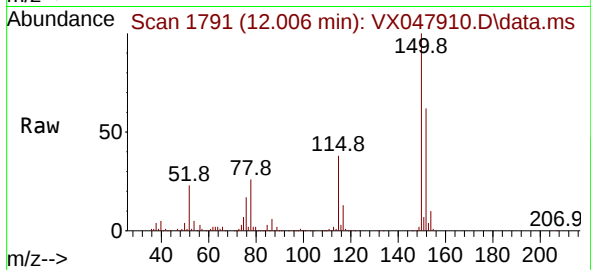
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047910.D
 Acq: 30 Sep 2025 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20250922



Tgt Ion:152 Resp: 125109
 Ion Ratio Lower Upper
 152 100
 115 62.6 44.9 134.5
 150 159.0 0.0 352.0

