

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038438.D
 Acq On : 23 Oct 2023 17:24
 Operator : JC/MD
 Sample : 05007-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-25-10-13

Quant Time: Oct 24 00:05:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

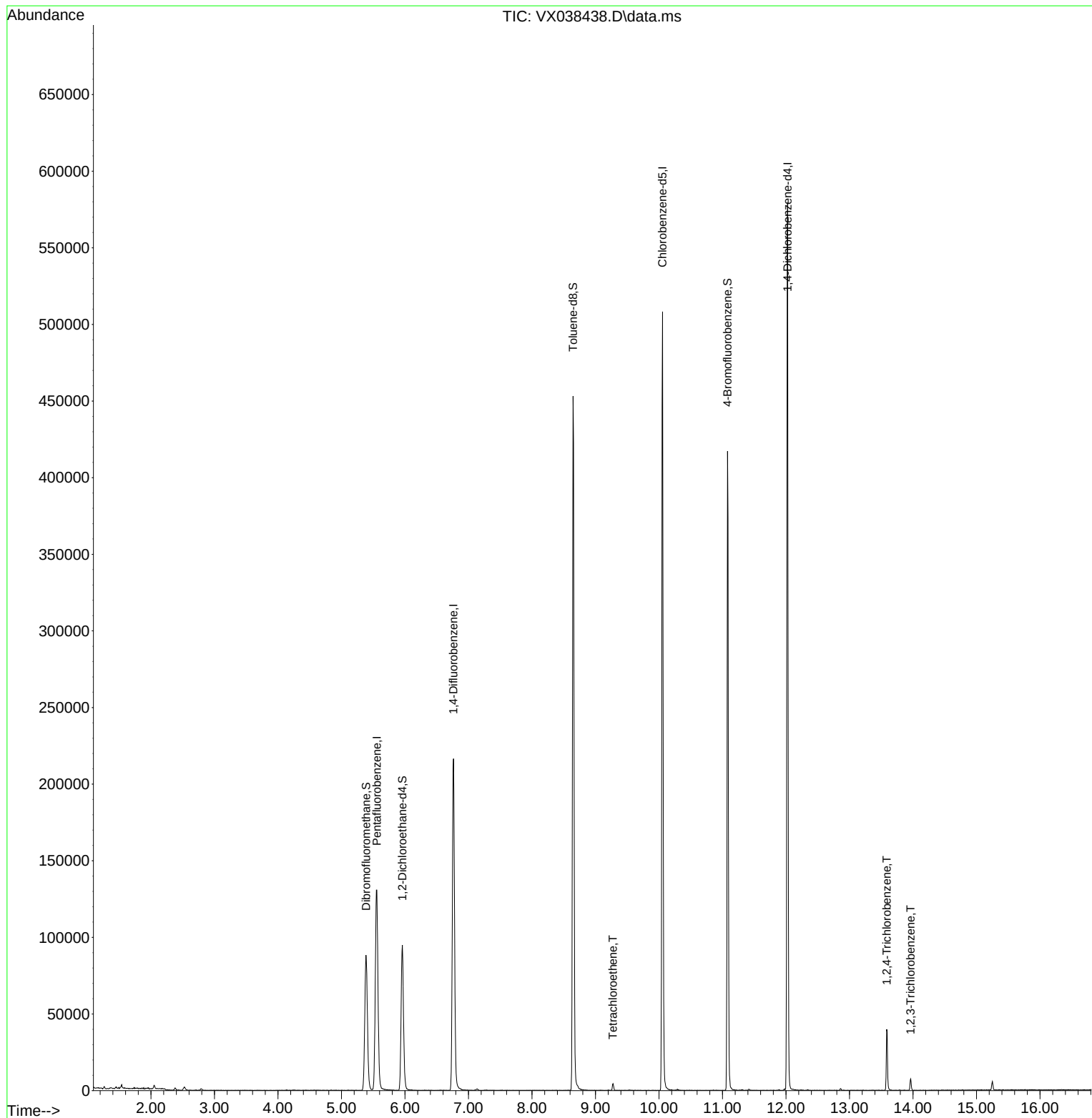
Internal Standards						
1) Pentafluorobenzene	5.556	168	126912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228763	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90966	44.563	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.120%
35) Dibromofluoromethane	5.385	113	76759	46.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.140%
50) Toluene-d8	8.647	98	283286	44.974	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.940%#
62) 4-Bromofluorobenzene	11.079	95	107519	45.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.060%
Target Compounds						
					Qvalue	
64) Tetrachloroethene	9.275	164	746	0.494	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	10103	3.857	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	2211	0.872	ug/l	96

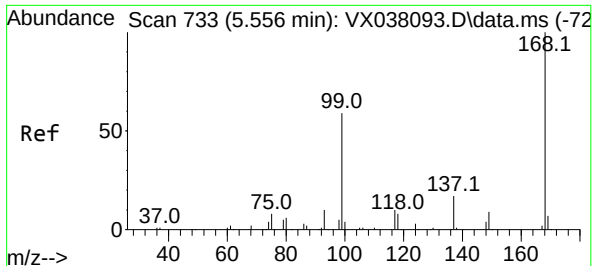
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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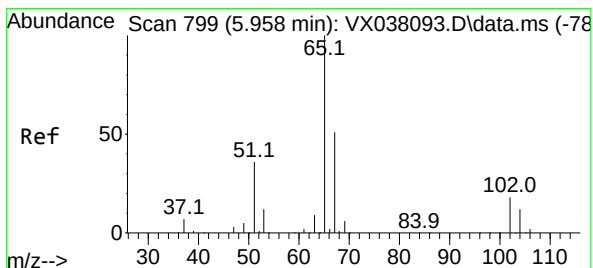
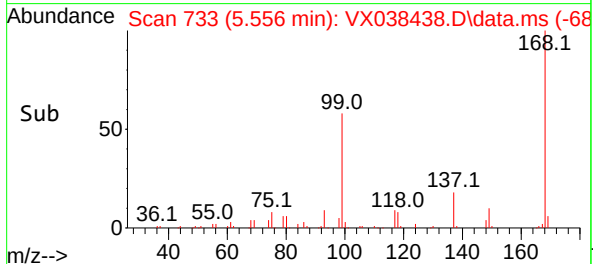
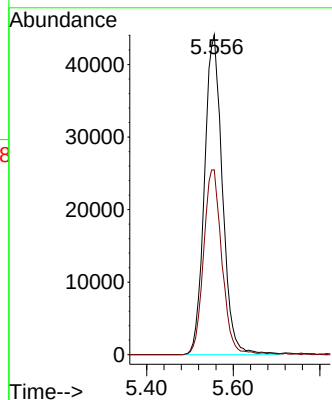
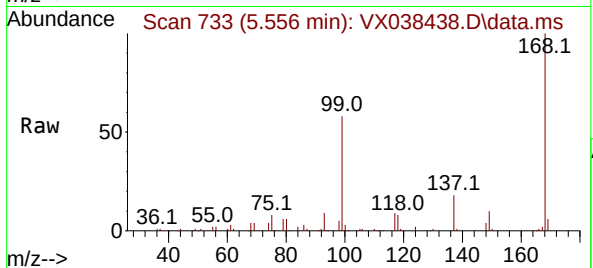




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038438.D
Acq: 23 Oct 2023 17:24

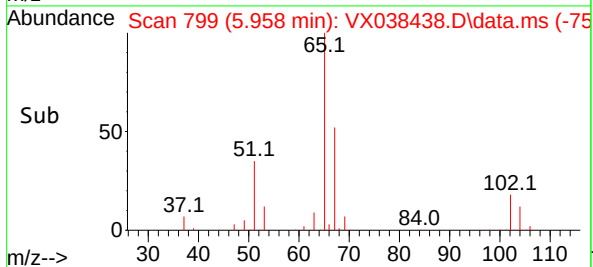
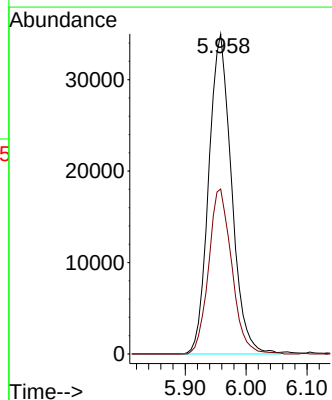
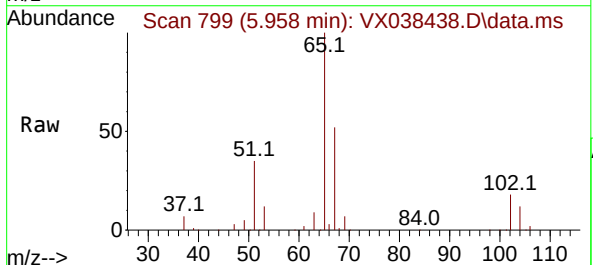
Instrument :
MSVOA_X
ClientSampleId :
GW-25-10-13

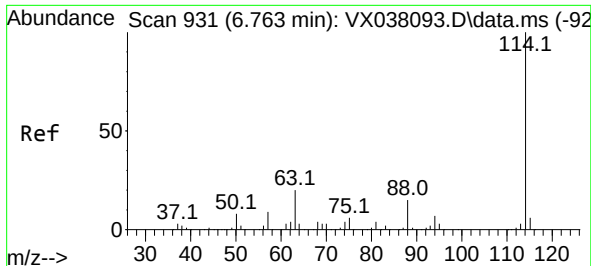
Tgt Ion:168 Resp: 126912
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.563 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038438.D
Acq: 23 Oct 2023 17:24

Tgt Ion: 65 Resp: 90966
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

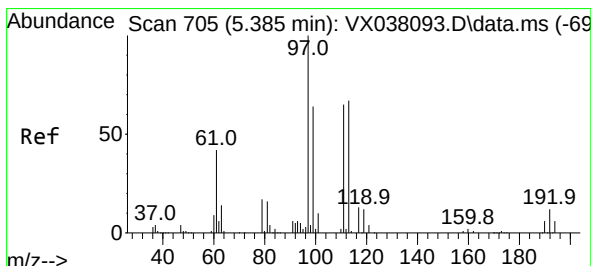
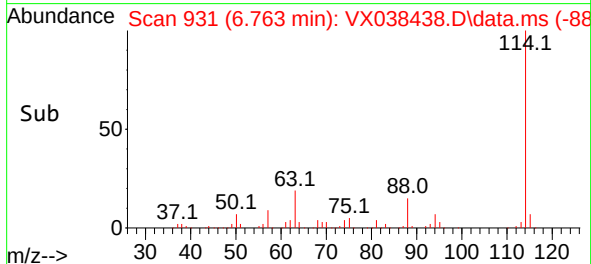
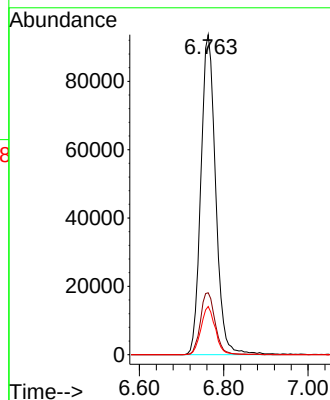
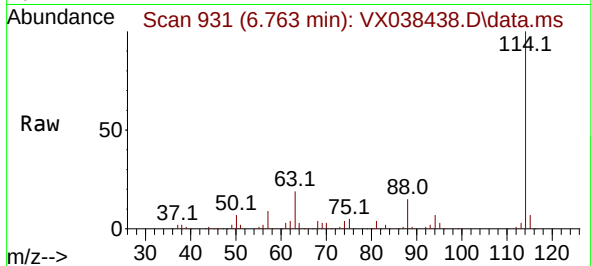




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038438.D
Acq: 23 Oct 2023 17:24

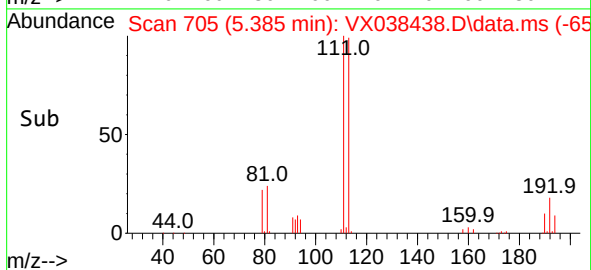
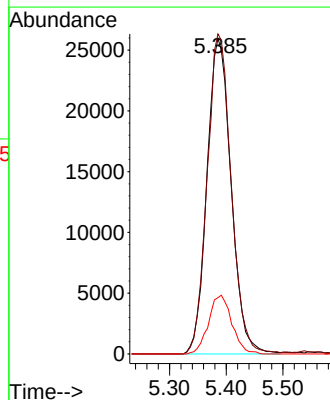
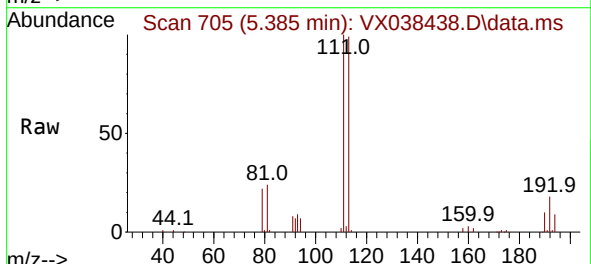
Instrument :
MSVOA_X
ClientSampleId :
GW-25-10-13

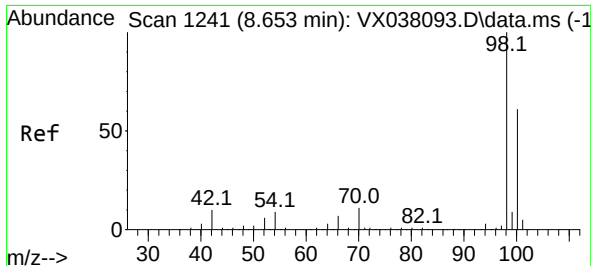
Tgt Ion:114 Resp: 228763
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.566 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038438.D
Acq: 23 Oct 2023 17:24

Tgt Ion:113 Resp: 76759
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 18.0 13.3 19.9

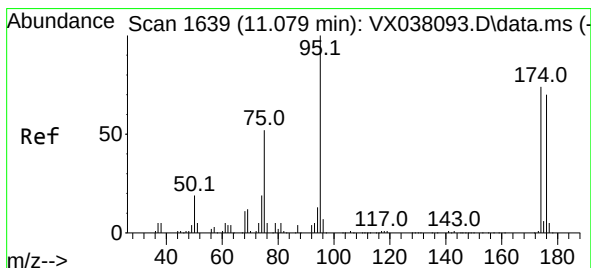
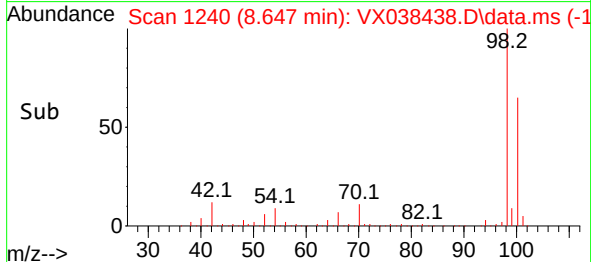
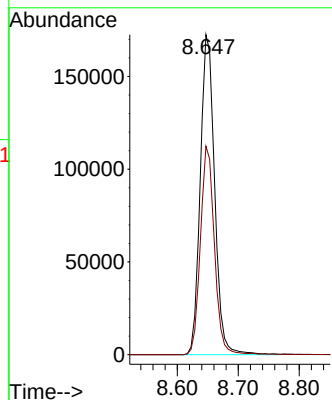
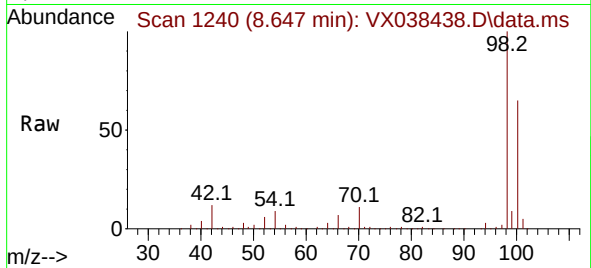




#50
Toluene-d8
Concen: 44.974 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038438.D
Acq: 23 Oct 2023 17:24

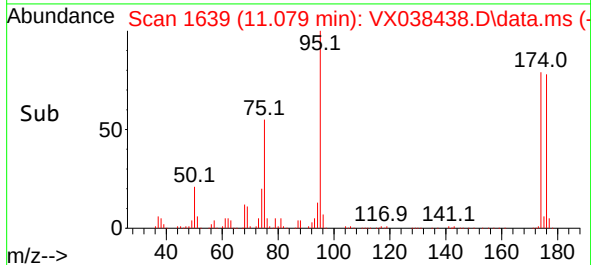
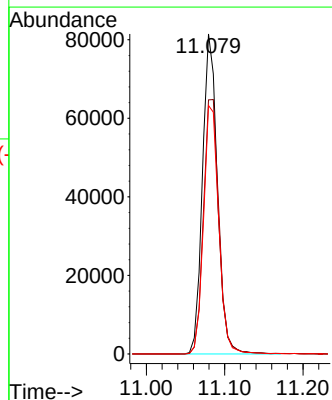
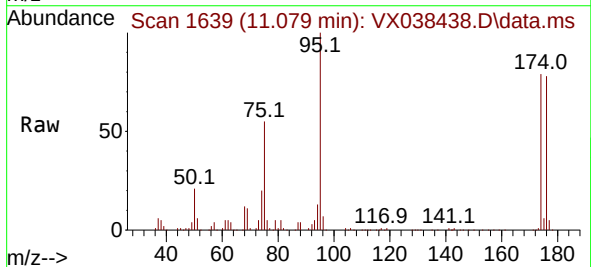
Instrument :
MSVOA_X
ClientSampleId :
GW-25-10-13

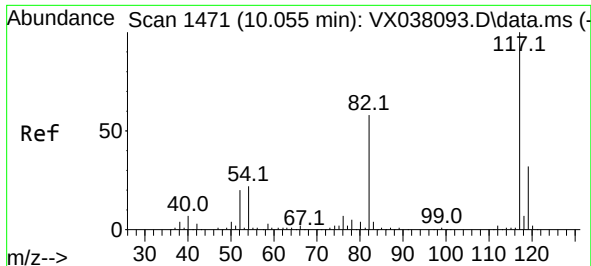
Tgt Ion: 98 Resp: 283286
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038438.D
Acq: 23 Oct 2023 17:24

Tgt Ion: 95 Resp: 107519
Ion Ratio Lower Upper
95 100
174 83.6 0.0 135.6
176 79.3 0.0 131.0

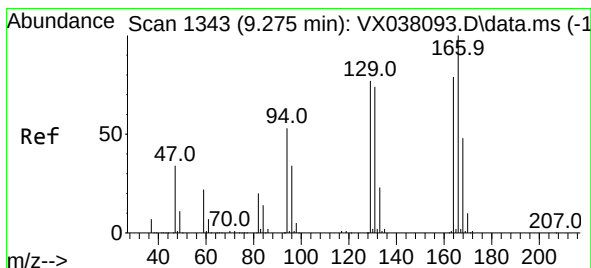
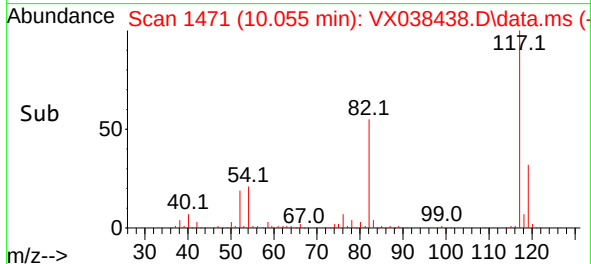
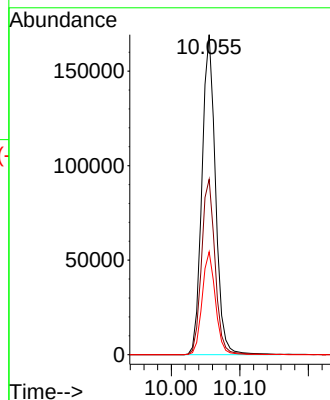
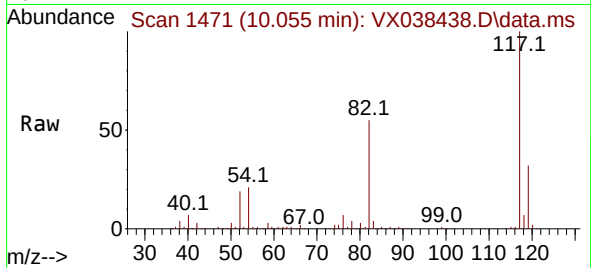




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038438.D
Acq: 23 Oct 2023 17:24

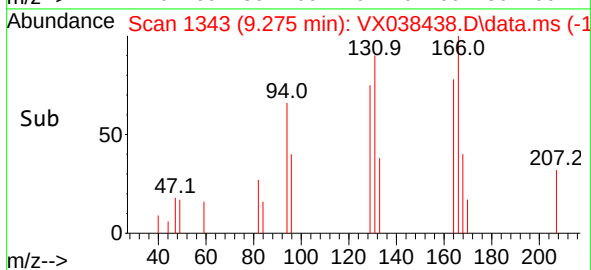
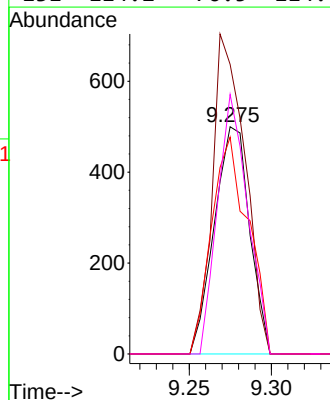
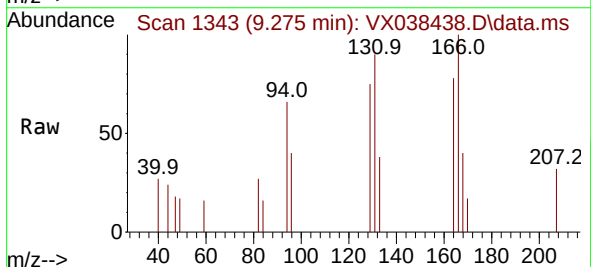
Instrument :
MSVOA_X
ClientSampleId :
GW-25-10-13

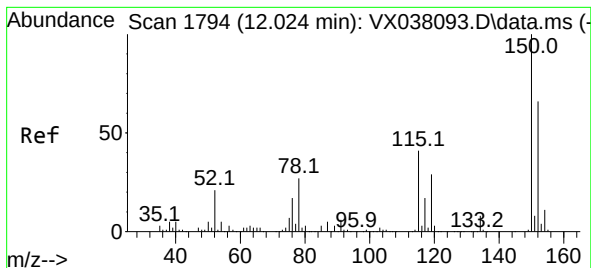
Tgt Ion:117 Resp: 233243
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 0.494 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038438.D
Acq: 23 Oct 2023 17:24

Tgt Ion:164 Resp: 746
Ion Ratio Lower Upper
164 100
166 127.4 102.7 154.1
129 95.4 80.4 120.6
131 114.2 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038438.D

Acq: 23 Oct 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

GW-25-10-13

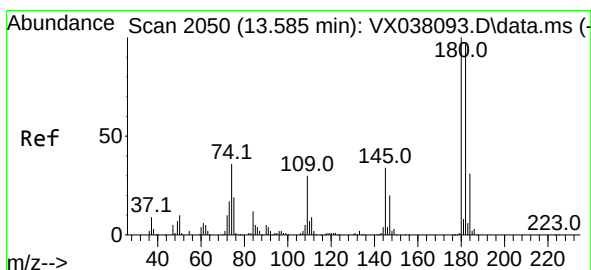
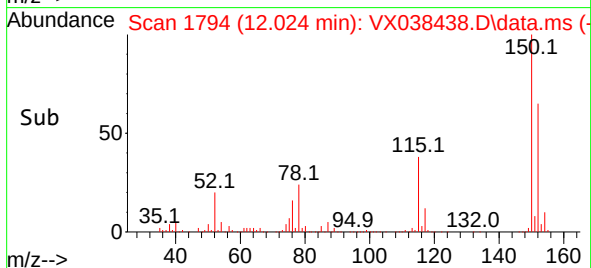
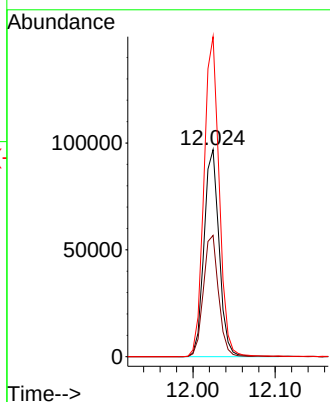
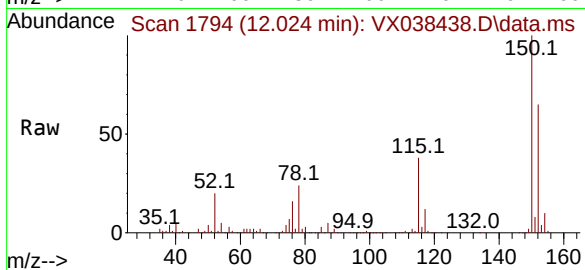
Tgt Ion:152 Resp: 123537

Ion Ratio Lower Upper

152 100

115 58.9 43.3 129.9

150 156.1 0.0 345.0



#93

1,2,4-Trichlorobenzene

Concen: 3.857 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038438.D

Acq: 23 Oct 2023 17:24

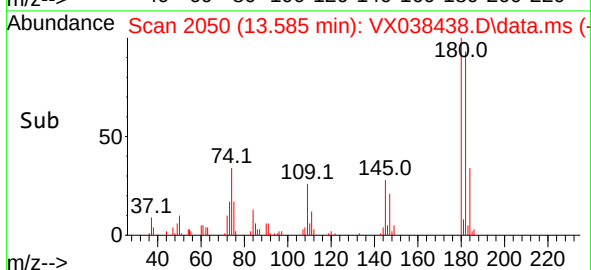
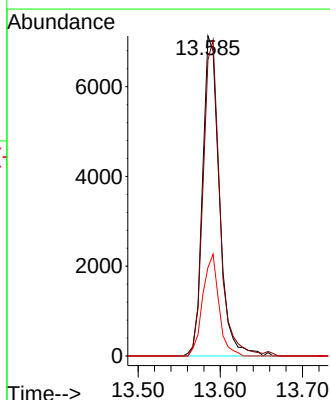
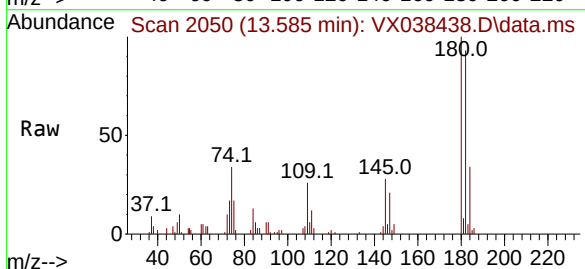
Tgt Ion:180 Resp: 10103

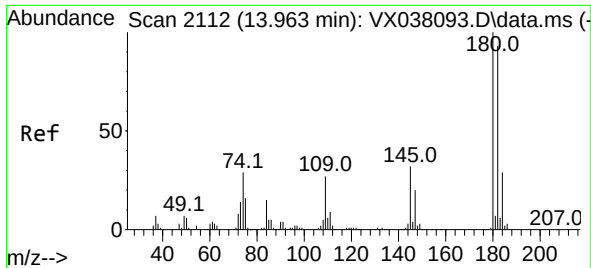
Ion Ratio Lower Upper

180 100

182 98.0 48.3 144.8

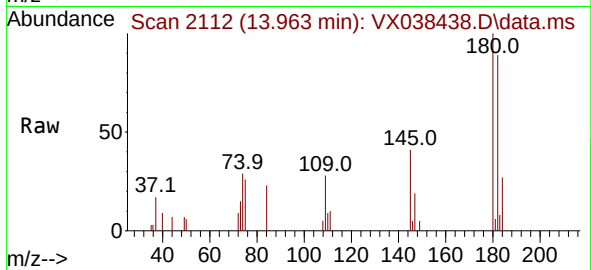
145 30.6 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.872 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038438.D
 Acq: 23 Oct 2023 17:24

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-25-10-13



Tgt Ion:	180	Resp:	2211
Ion	Ratio	Lower	Upper
180	100		
182	90.3	46.9	140.6
145	32.3	17.8	53.5

