

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038258.D
 Acq On : 12 Oct 2023 15:50
 Operator : JC/MD
 Sample : 04875-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-12-12-15

Quant Time: Oct 13 04:51:47 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)

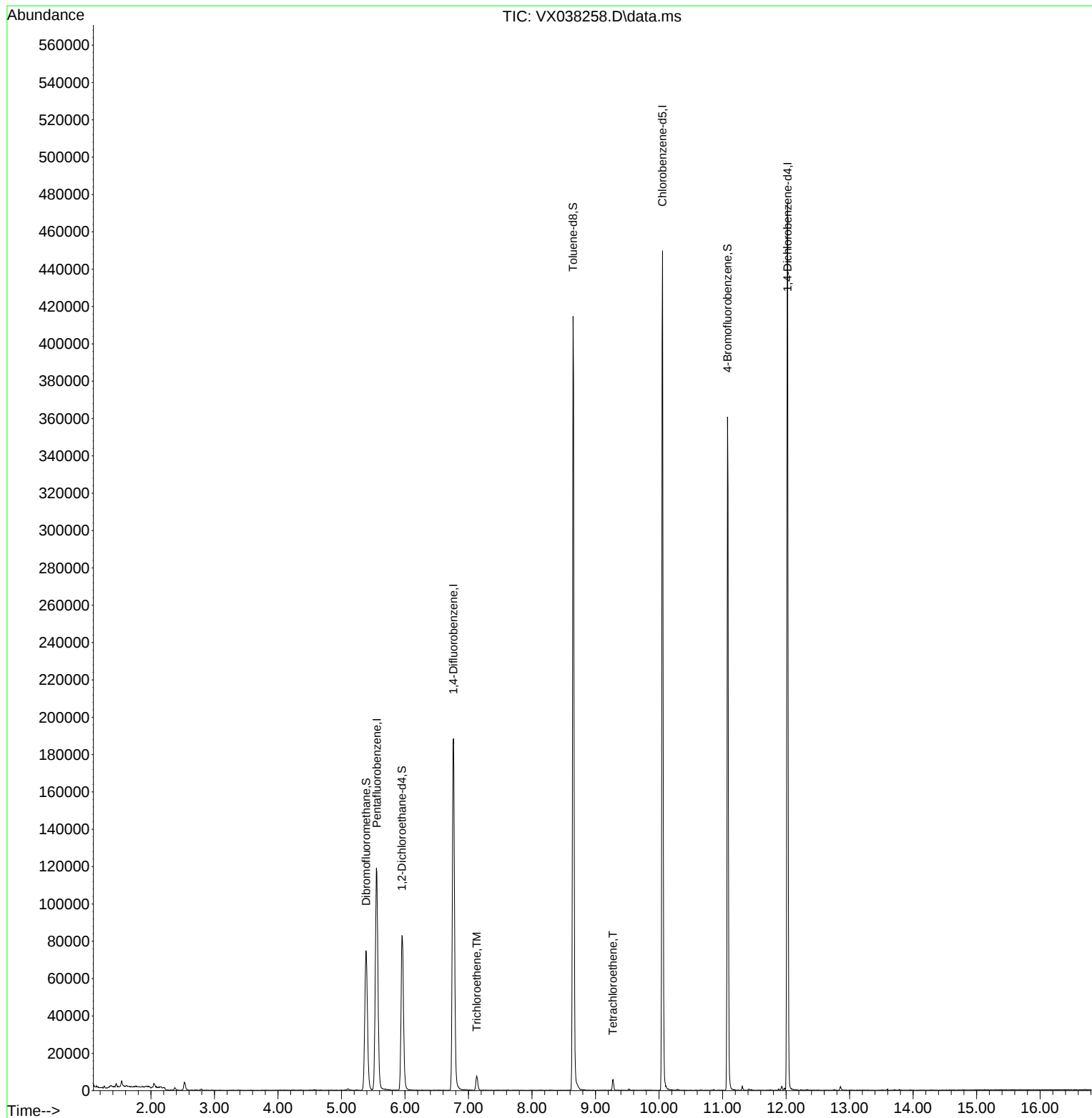
Internal Standards						
1) Pentafluorobenzene	5.556	168	111786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82499	45.884	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.760%
35) Dibromofluoromethane	5.385	113	64043	45.023	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.040%
50) Toluene-d8	8.647	98	247329	45.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.000%#
62) 4-Bromofluorobenzene	11.079	95	92941	45.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.200%
Target Compounds						
					Qvalue	
44) Trichloroethene	7.129	130	2914	2.031	ug/l	98
64) Tetrachloroethene	9.275	164	964	0.751	ug/l #	75

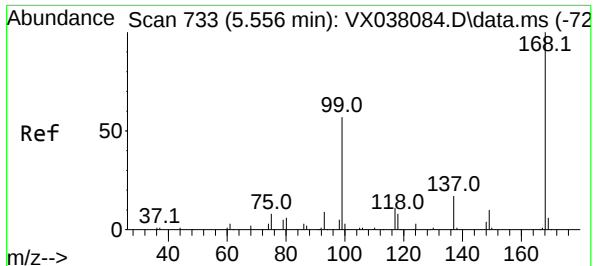
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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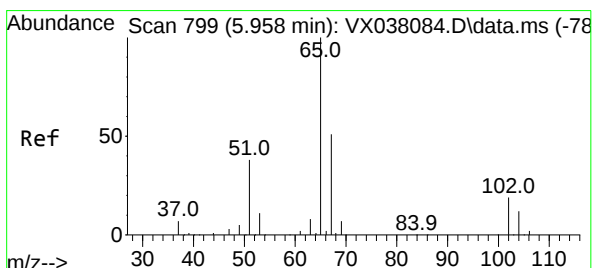
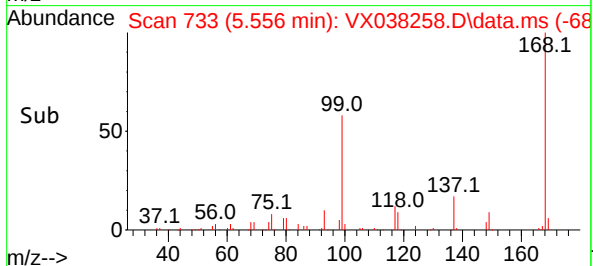
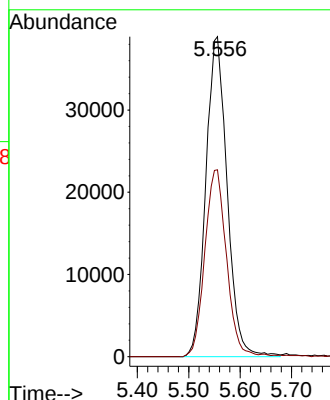
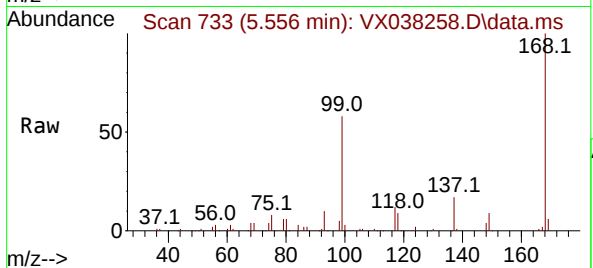




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

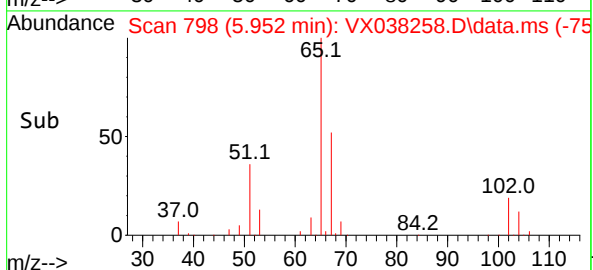
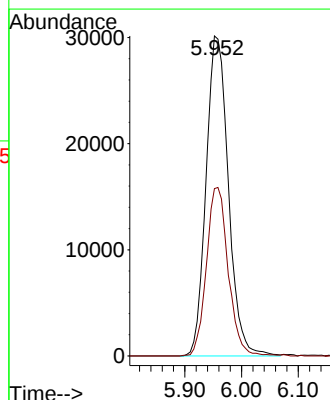
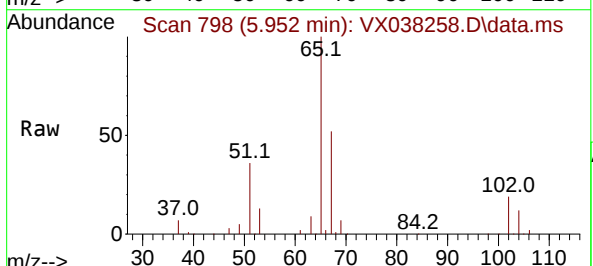
Instrument :
MSVOA_X
ClientSampleId :
GW-12-12-15

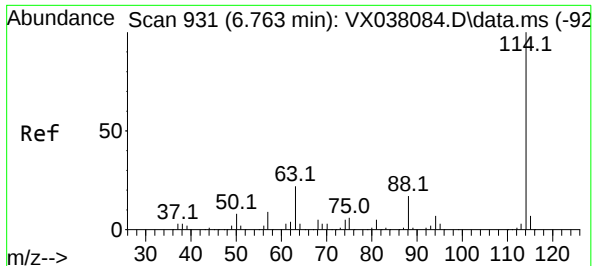
Tgt Ion:168 Resp: 111786
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.884 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

Tgt Ion: 65 Resp: 82499
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

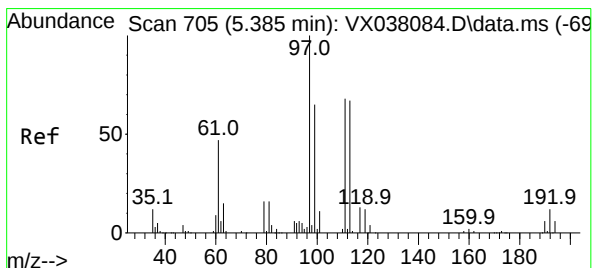
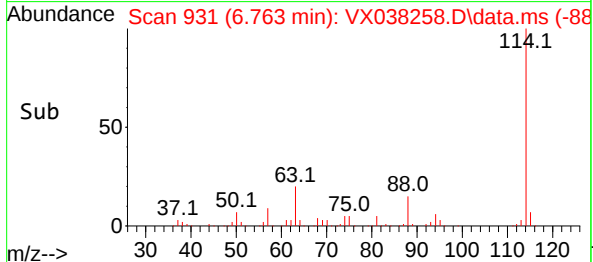
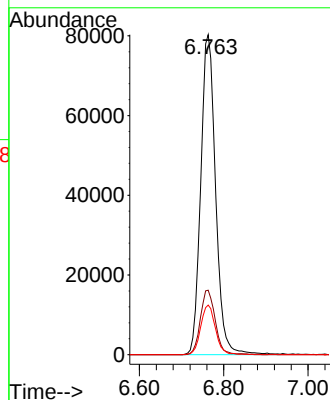
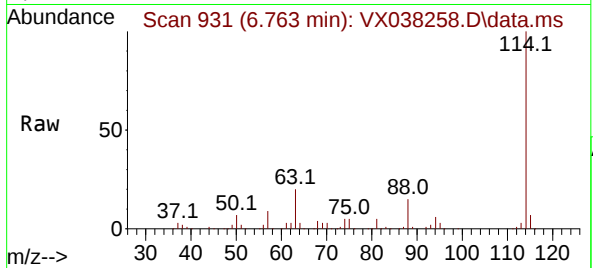




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

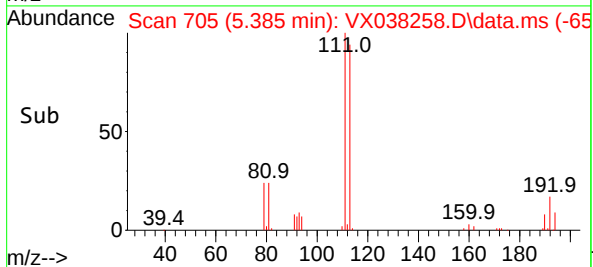
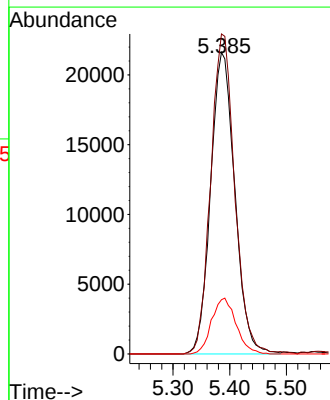
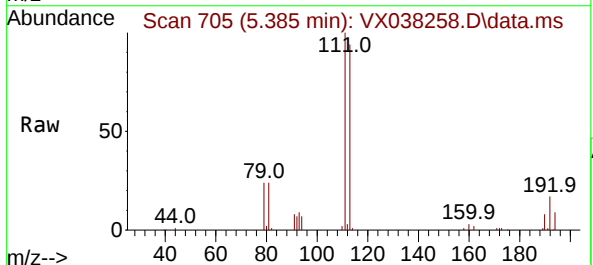
Instrument :
MSVOA_X
ClientSampleId :
GW-12-12-15

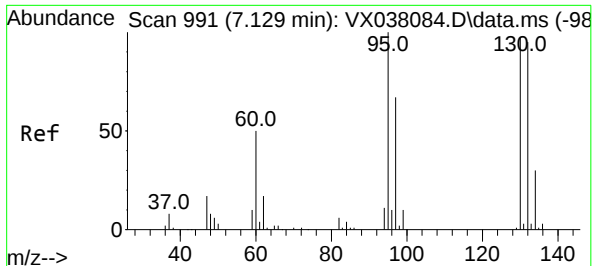
Tgt Ion:114 Resp: 197407
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.023 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

Tgt Ion:113 Resp: 64043
Ion Ratio Lower Upper
113 100
111 105.2 82.9 124.3
192 18.7 13.3 19.9

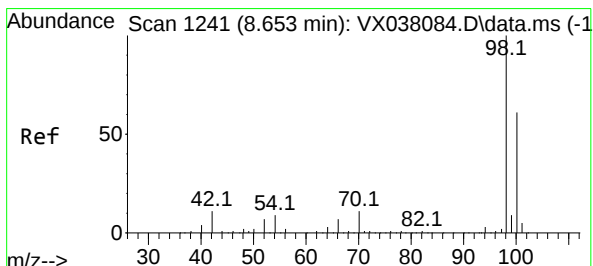
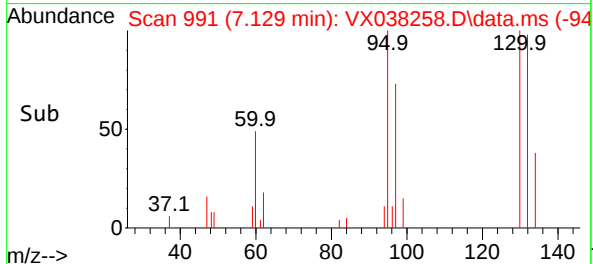
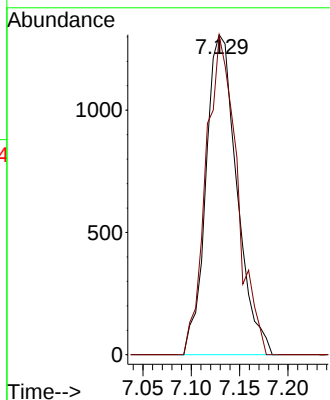
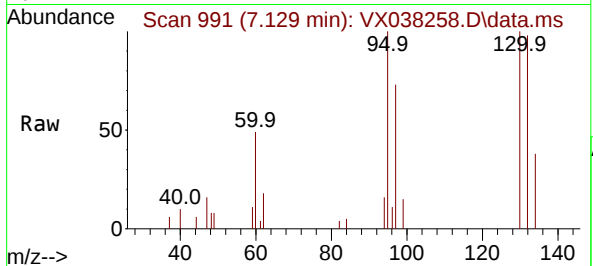




#44
Trichloroethene
Concen: 2.031 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

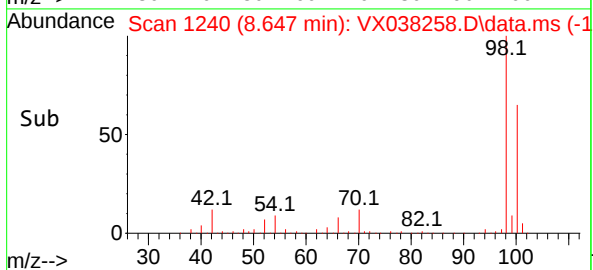
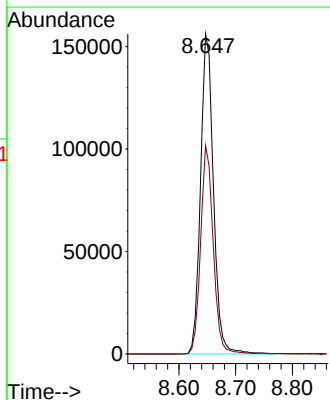
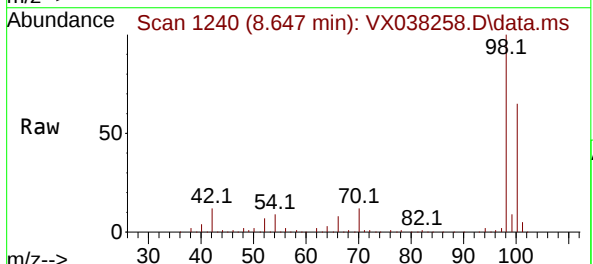
Instrument :
MSVOA_X
ClientSampleId :
GW-12-12-15

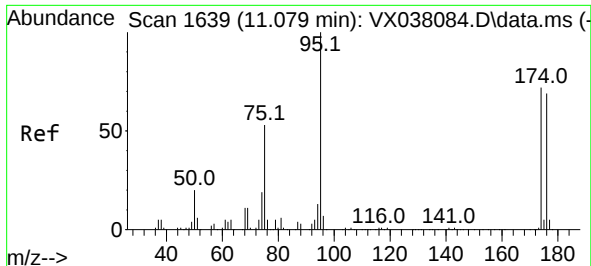
Tgt Ion:130 Resp: 2914
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.4



#50
Toluene-d8
Concen: 45.502 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

Tgt Ion: 98 Resp: 247329
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.103 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038258.D

Acq: 12 Oct 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

GW-12-12-15

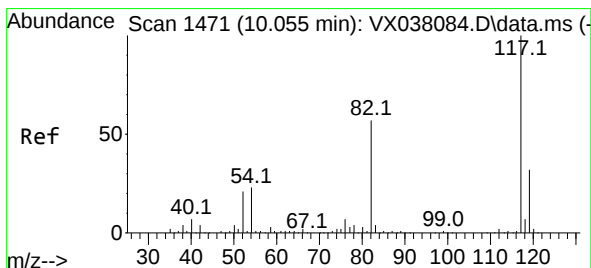
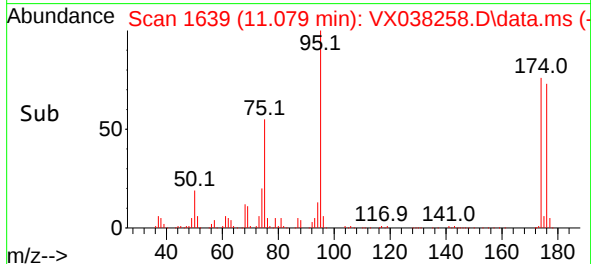
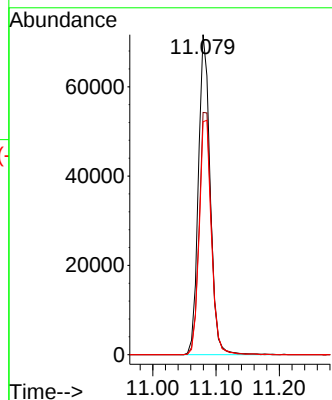
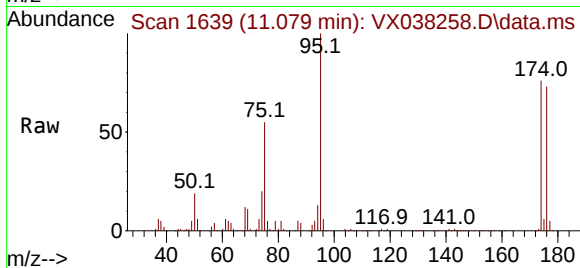
Tgt Ion: 95 Resp: 92941

Ion Ratio Lower Upper

95 100

174 79.3 0.0 135.6

176 75.6 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: VX038258.D

Acq: 12 Oct 2023 15:50

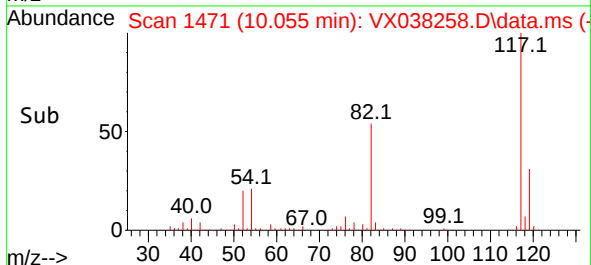
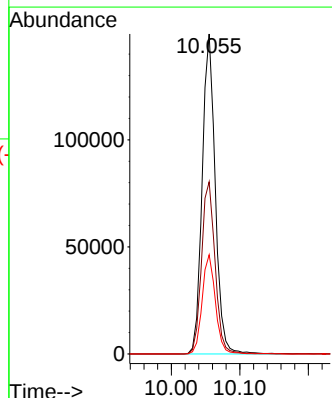
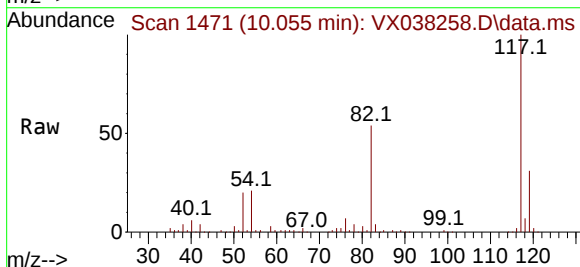
Tgt Ion: 117 Resp: 198414

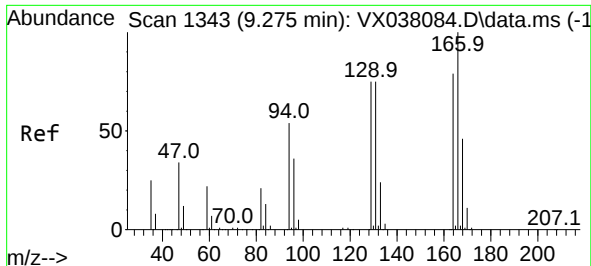
Ion Ratio Lower Upper

117 100

82 53.8 46.2 69.4

119 31.0 25.5 38.3





#64
Tetrachloroethene

Concen: 0.751 ug/l

RT: 9.275 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038258.D

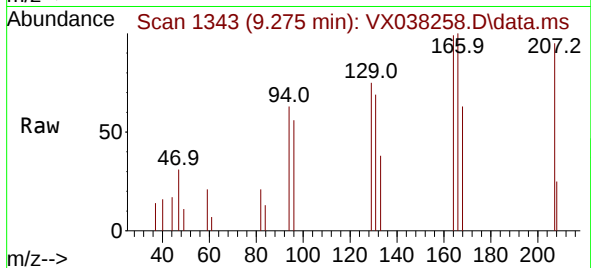
Acq: 12 Oct 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

GW-12-12-15



Tgt Ion:164 Resp: 964

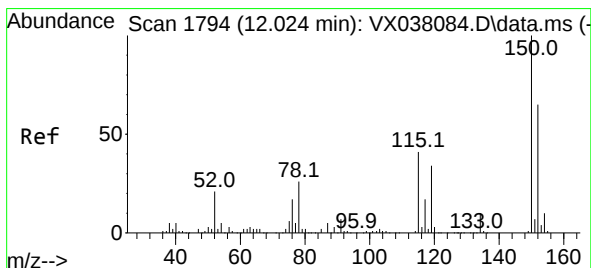
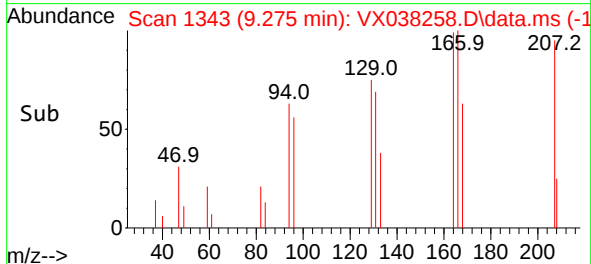
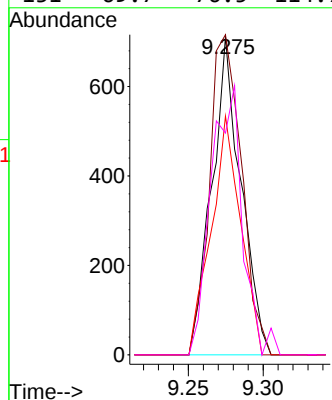
Ion Ratio Lower Upper

164 100

166 100.6 102.7 154.1#

129 75.0 80.4 120.6#

131 69.7 76.5 114.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038258.D

Acq: 12 Oct 2023 15:50

Tgt Ion:152 Resp: 98884

Ion Ratio Lower Upper

152 100

115 61.1 43.3 129.9

150 157.2 0.0 345.0

