

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038259.D
 Acq On : 12 Oct 2023 16:13
 Operator : JC/MD
 Sample : 04875-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-12-23-26

Quant Time: Oct 13 04:52:07 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)

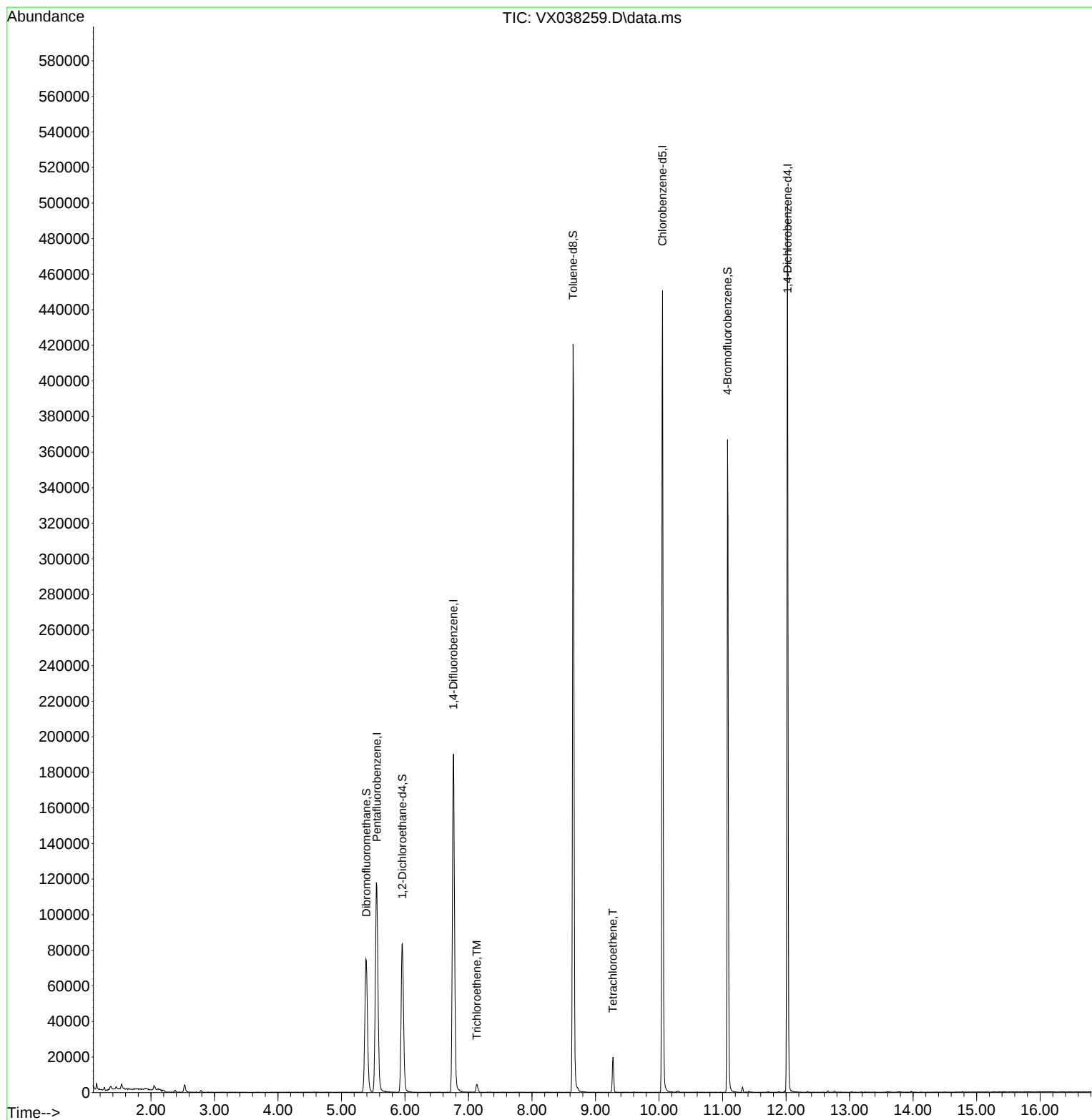
Internal Standards						
1) Pentafluorobenzene	5.556	168	109930	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	195083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81823	46.276	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.560%
35) Dibromofluoromethane	5.391	113	64233	45.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	8.647	98	249187	46.390	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.780%
62) 4-Bromofluorobenzene	11.079	95	92833	45.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.180%
Target Compounds						
					Qvalue	
44) Trichloroethene	7.129	130	1822	1.285	ug/l	82
64) Tetrachloroethene	9.275	164	3179	2.449	ug/l	94

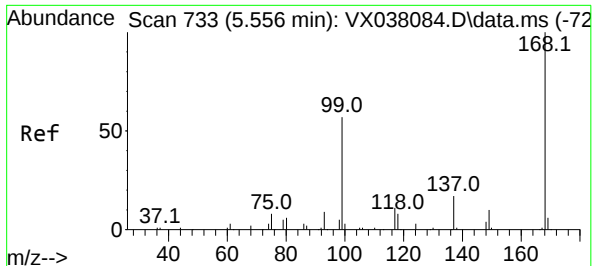
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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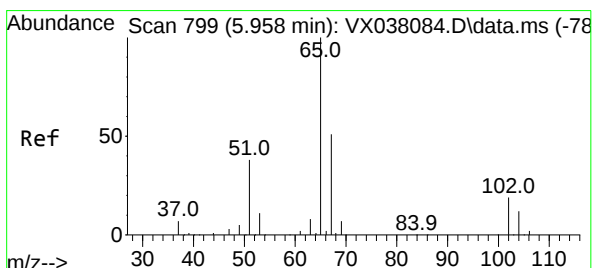
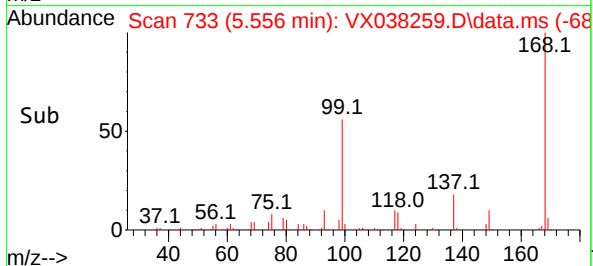
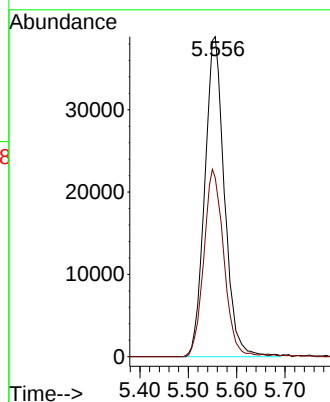
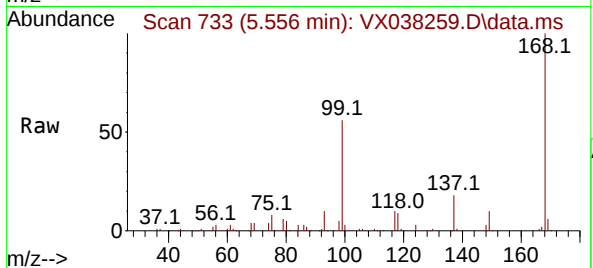




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX038259.D
Acq: 12 Oct 2023 16:13

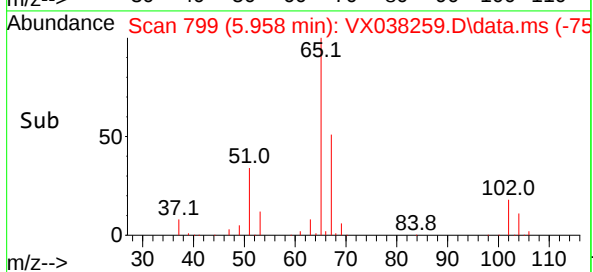
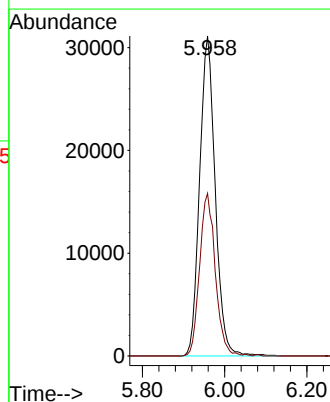
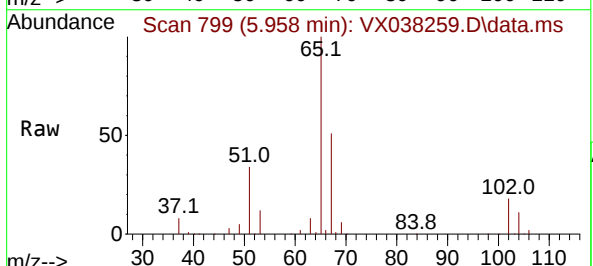
Instrument :
MSVOA_X
ClientSampleId :
GW-12-23-26

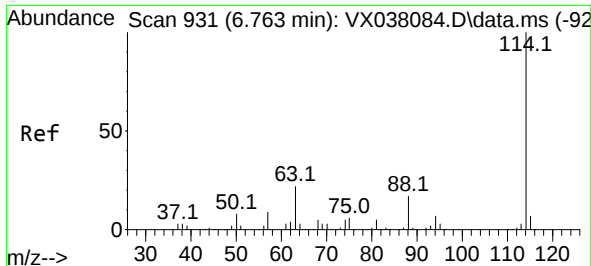
Tgt Ion:168 Resp: 109930
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 46.276 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038259.D
Acq: 12 Oct 2023 16:13

Tgt Ion: 65 Resp: 81823
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

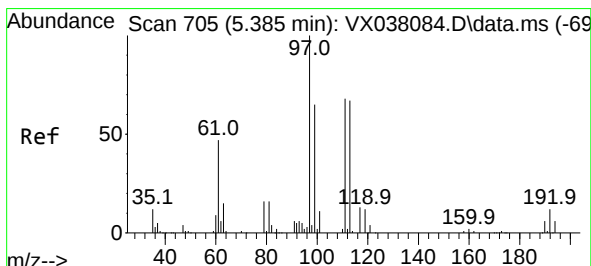
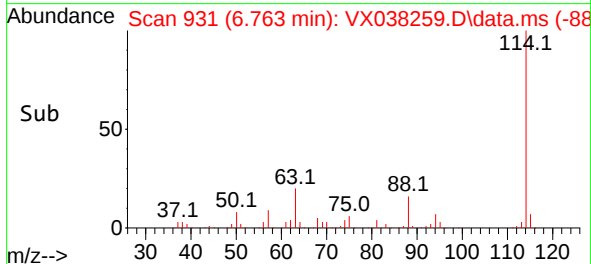
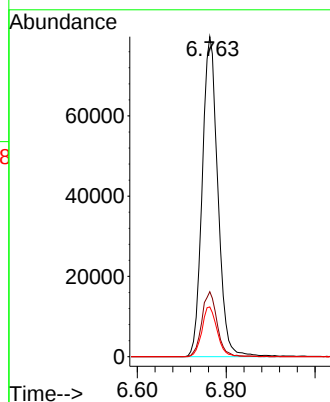
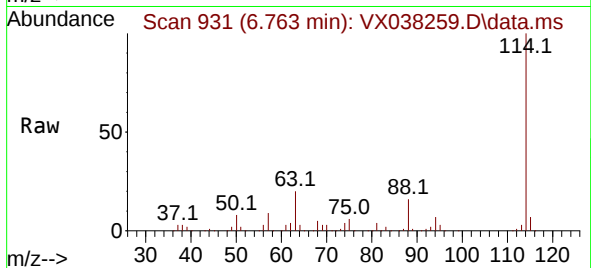




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038259.D
Acq: 12 Oct 2023 16:13

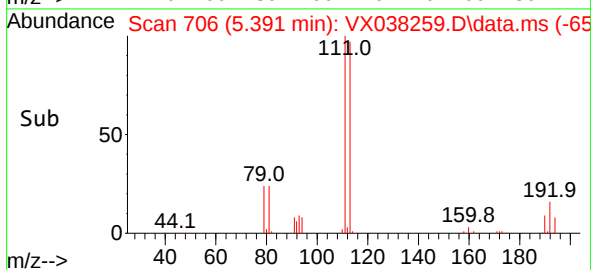
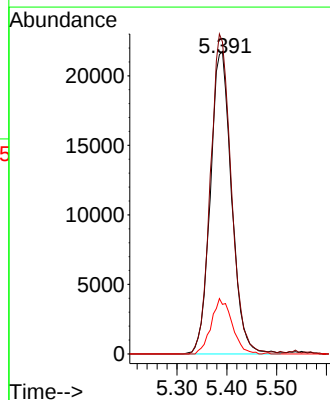
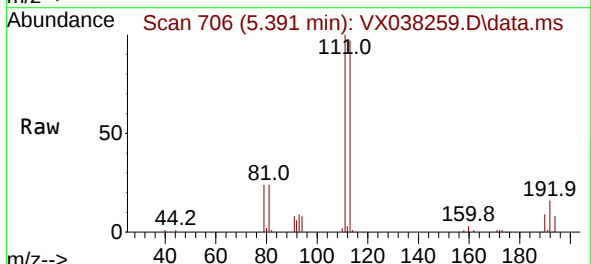
Instrument :
MSVOA_X
ClientSampleId :
GW-12-23-26

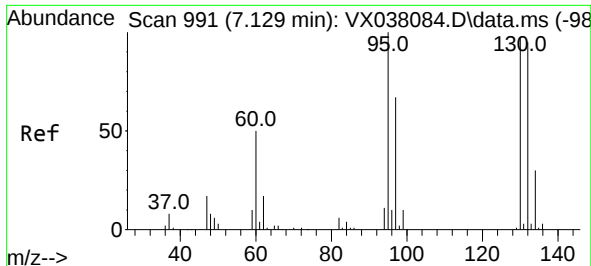
Tgt Ion:114 Resp: 195083
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.695 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038259.D
Acq: 12 Oct 2023 16:13

Tgt Ion:113 Resp: 64233
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 17.9 13.3 19.9

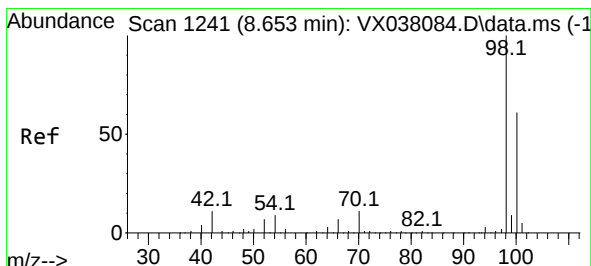
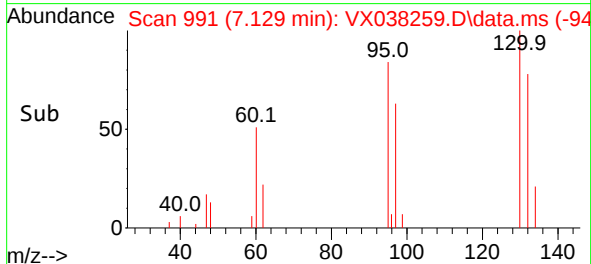
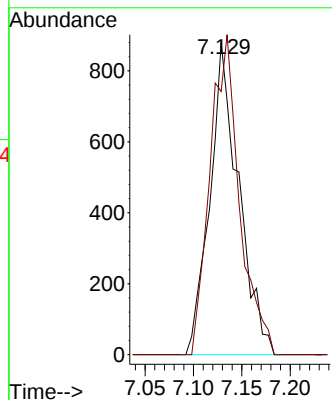
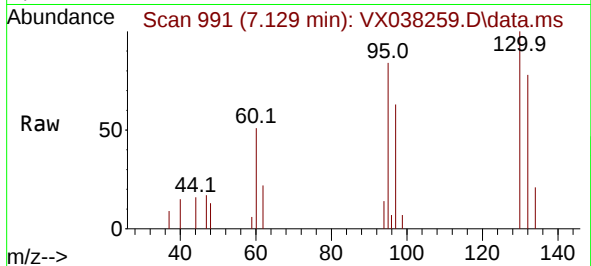




#44
Trichloroethene
Concen: 1.285 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038259.D
Acq: 12 Oct 2023 16:13

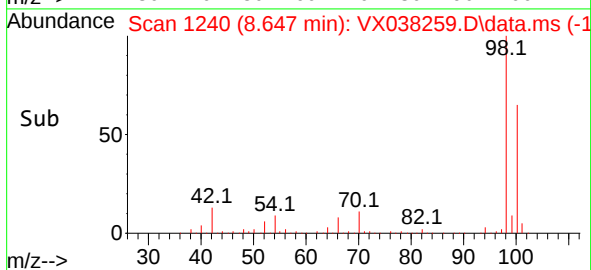
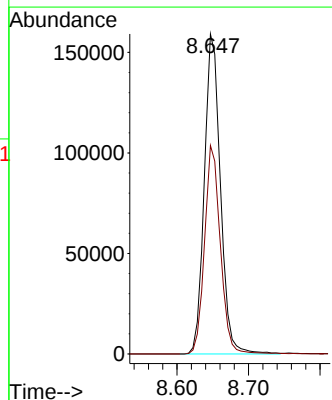
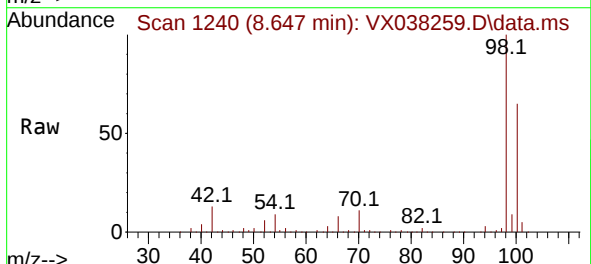
Instrument :
MSVOA_X
ClientSampleId :
GW-12-23-26

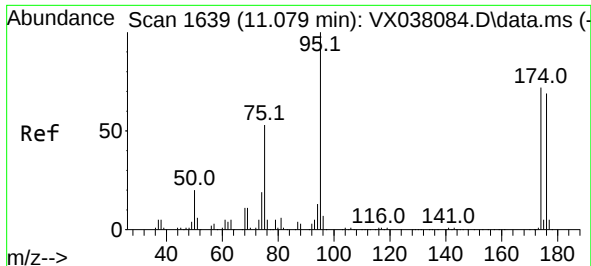
Tgt Ion:130 Resp: 1822
Ion Ratio Lower Upper
130 100
95 84.3 0.0 204.4



#50
Toluene-d8
Concen: 46.390 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038259.D
Acq: 12 Oct 2023 16:13

Tgt Ion: 98 Resp: 249187
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.587 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038259.D

Acq: 12 Oct 2023 16:13

Instrument :

MSVOA_X

ClientSampleId :

GW-12-23-26

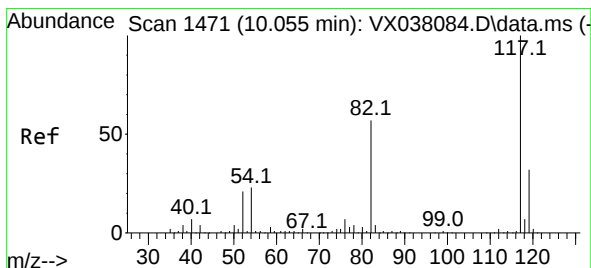
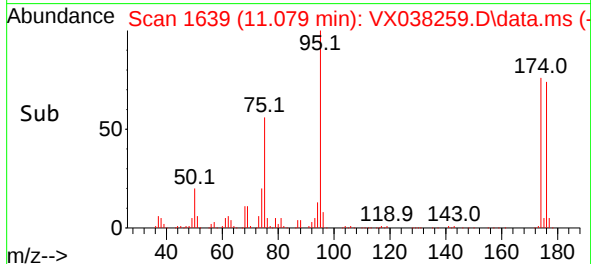
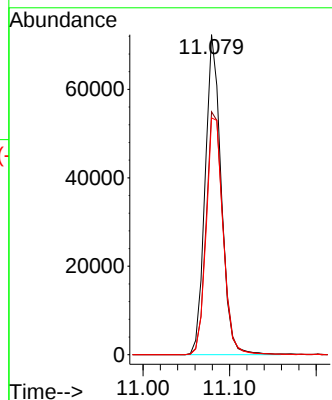
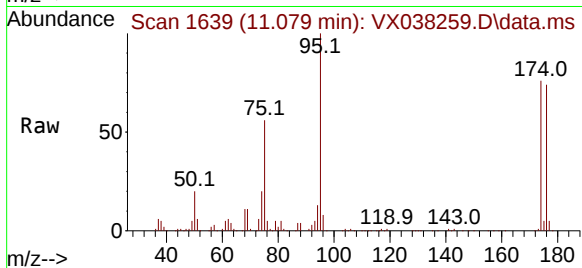
Tgt Ion: 95 Resp: 92833

Ion Ratio Lower Upper

95 100

174 80.2 0.0 135.6

176 78.0 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: VX038259.D

Acq: 12 Oct 2023 16:13

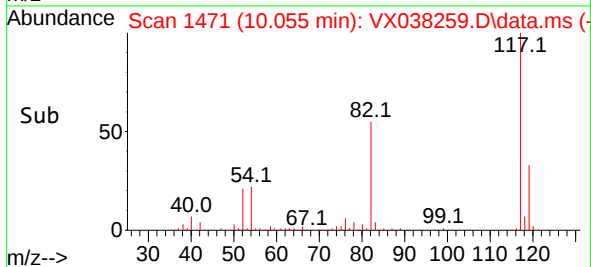
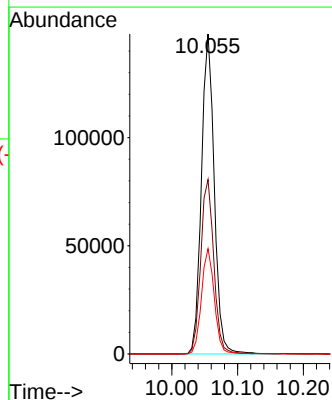
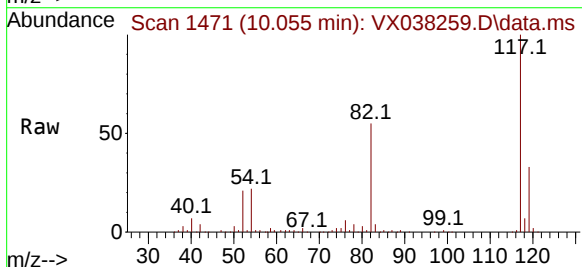
Tgt Ion: 117 Resp: 200551

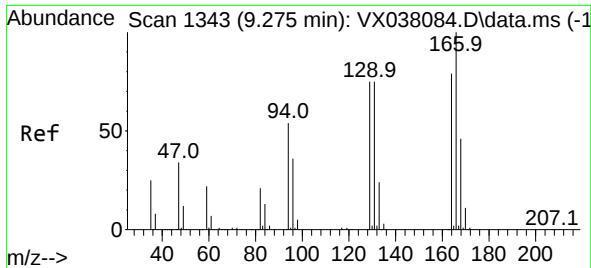
Ion Ratio Lower Upper

117 100

82 54.5 46.2 69.4

119 32.9 25.5 38.3

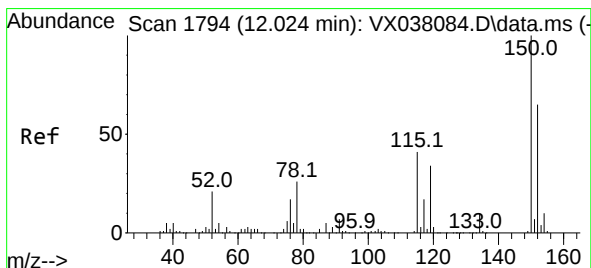
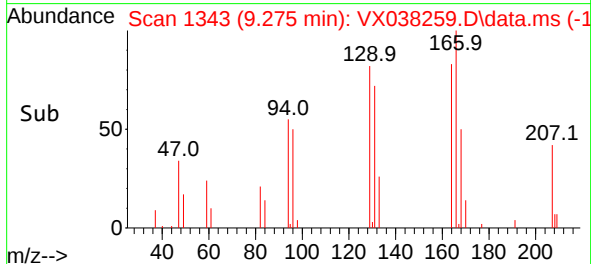
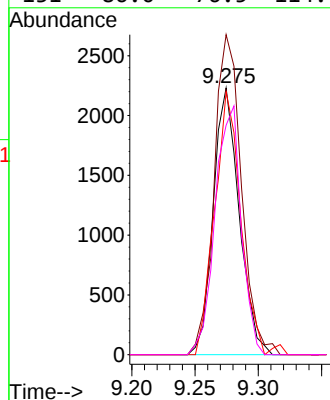
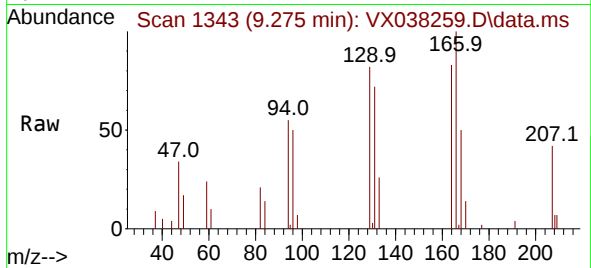




#64
Tetrachloroethene
Concen: 2.449 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038259.D
Acq: 12 Oct 2023 16:13

Instrument :
MSVOA_X
ClientSampleId :
GW-12-23-26

Tgt Ion:164 Resp: 3179
Ion Ratio Lower Upper
164 100
166 119.9 102.7 154.1
129 98.6 80.4 120.6
131 86.0 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: VX038259.D
Acq: 12 Oct 2023 16:13

Tgt Ion:152 Resp: 101004
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 159.1 0.0 345.0

