

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038434.D
 Acq On : 23 Oct 2023 15:51
 Operator : JC/MD
 Sample : 05007-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-24-23-26

Quant Time: Oct 24 00:03:41 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)

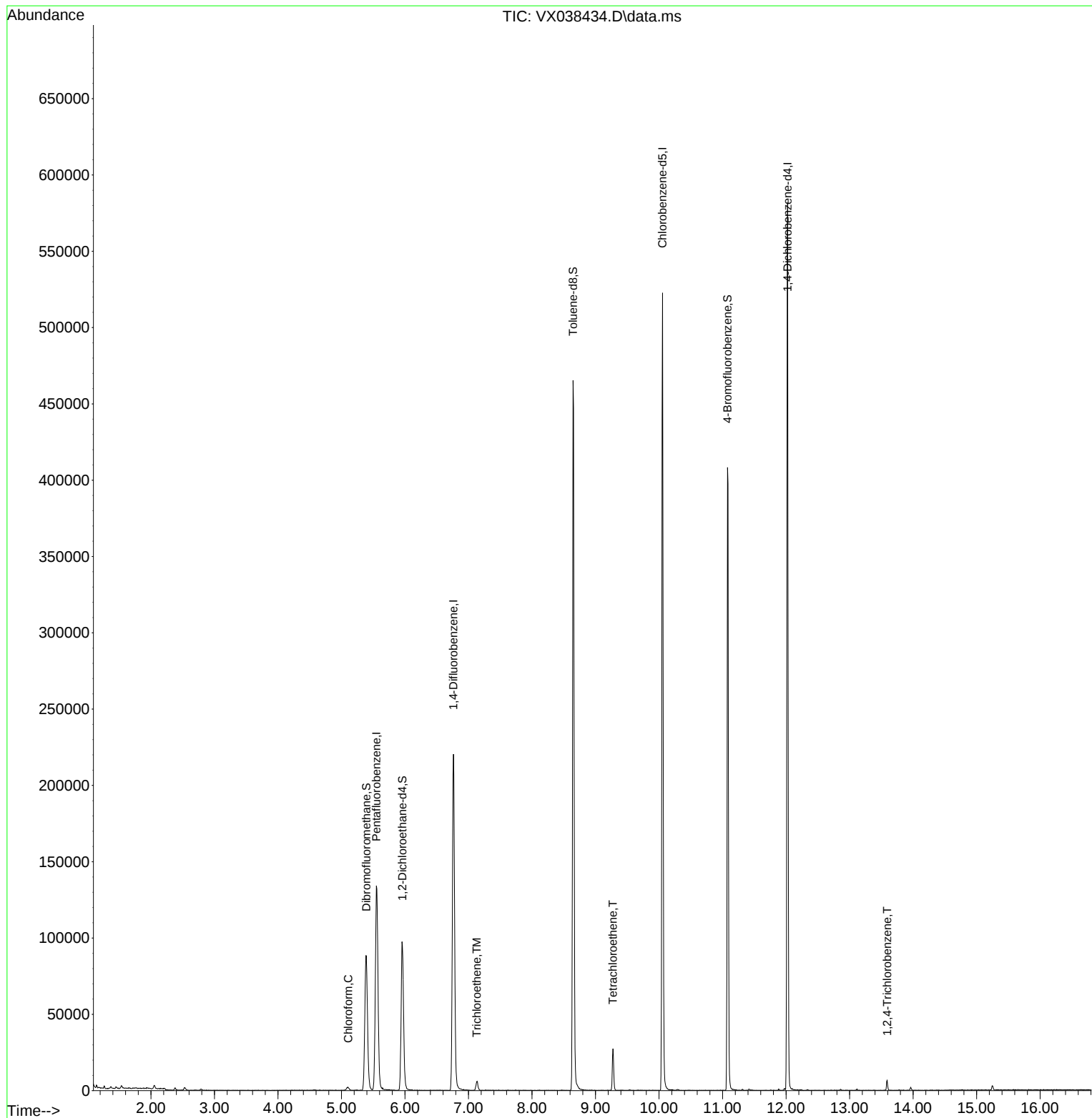
Internal Standards						
1) Pentafluorobenzene	5.550	168	127479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94002	45.845	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.700%
35) Dibromofluoromethane	5.391	113	77392	46.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.760%
50) Toluene-d8	8.647	98	289218	45.353	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.700%#
62) 4-Bromofluorobenzene	11.079	95	108241	44.772	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.540%
Target Compounds						
					Qvalue	
30) Chloroform	5.105	83	2443	0.842	ug/l #	83
44) Trichloroethene	7.129	130	2334	1.386	ug/l	76
64) Tetrachloroethene	9.275	164	5079	3.329	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1758	0.682	ug/l	93

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

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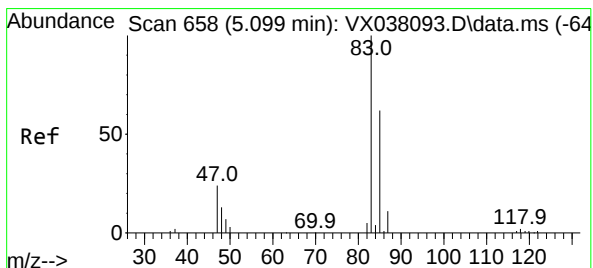
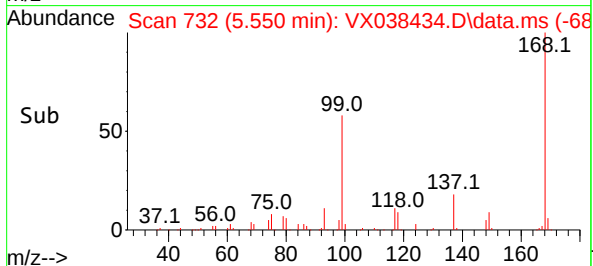
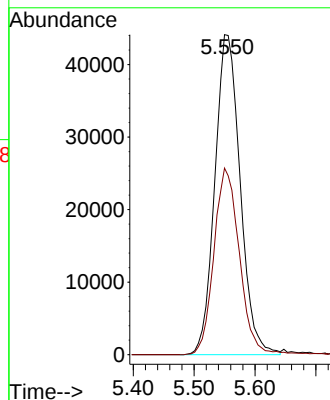
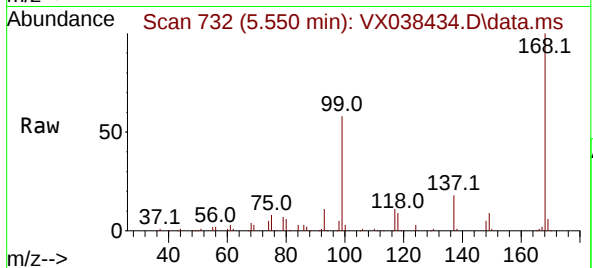




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

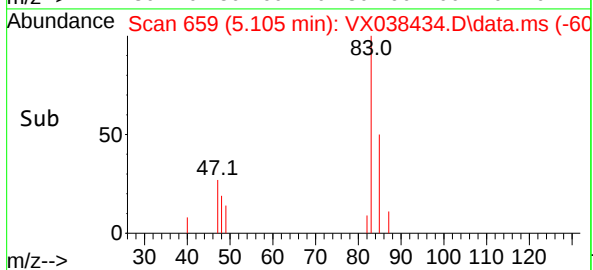
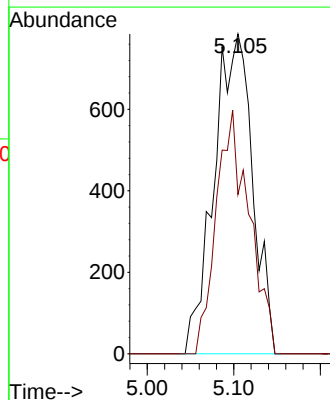
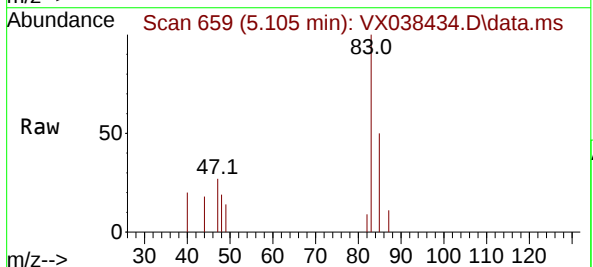
Instrument :
MSVOA_X
ClientSampleId :
GW-24-23-26

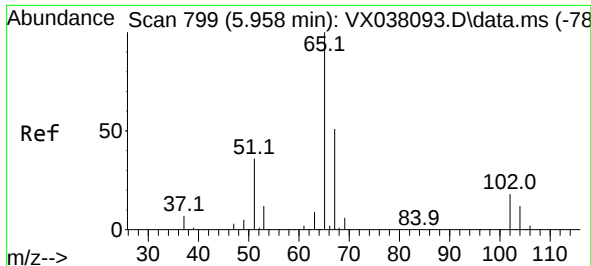
Tgt Ion:168 Resp: 127479
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#30
Chloroform
Concen: 0.842 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

Tgt Ion: 83 Resp: 2443
Ion Ratio Lower Upper
83 100
85 49.8 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 45.845 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038434.D

Acq: 23 Oct 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

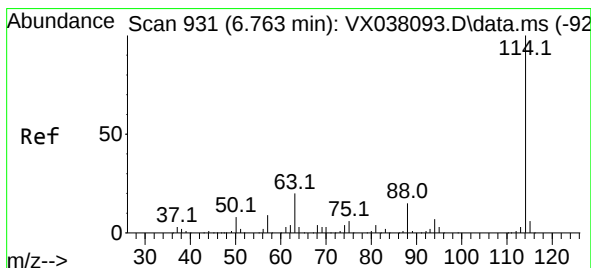
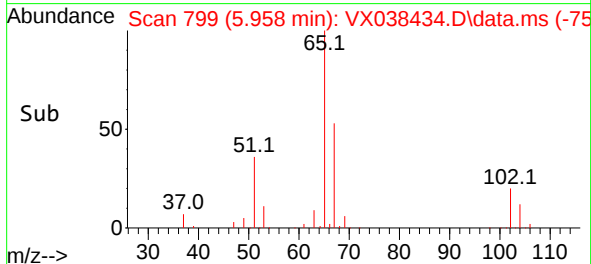
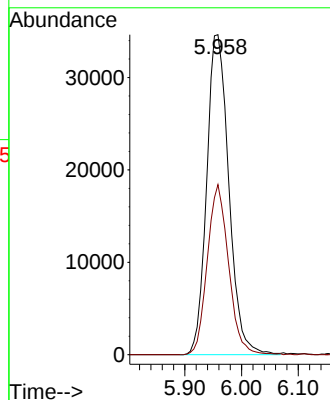
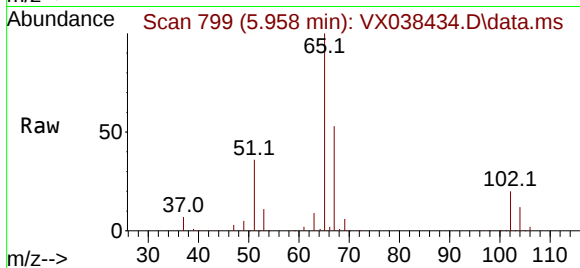
GW-24-23-26

Tgt Ion: 65 Resp: 94002

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038434.D

Acq: 23 Oct 2023 15:51

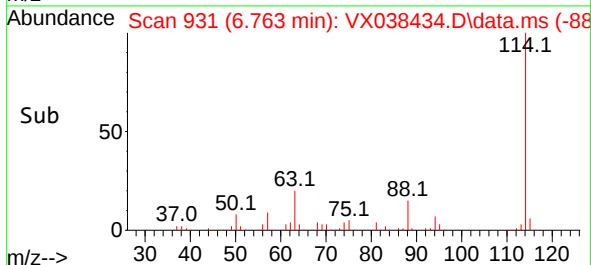
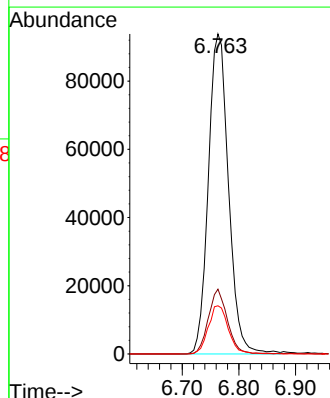
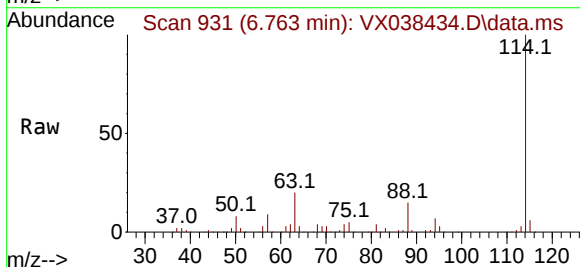
Tgt Ion: 114 Resp: 231600

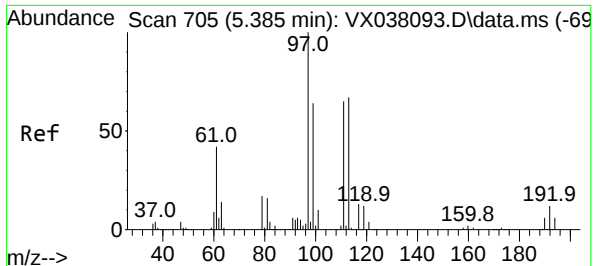
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.375 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038434.D

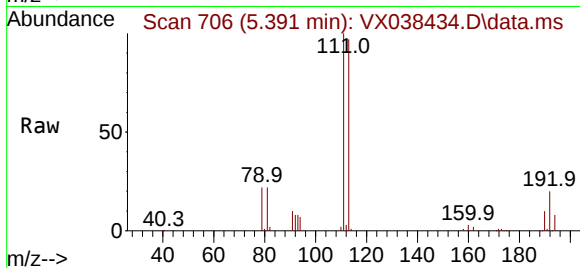
Acq: 23 Oct 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

GW-24-23-26



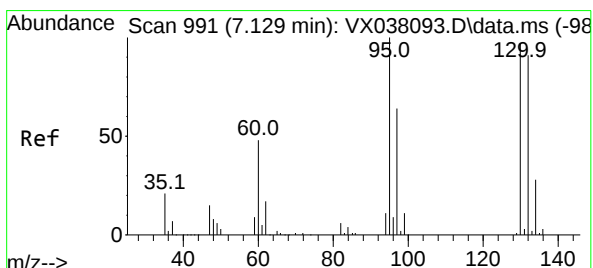
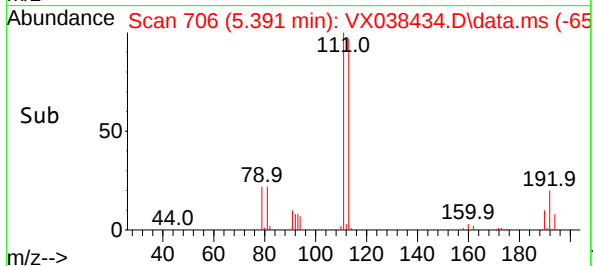
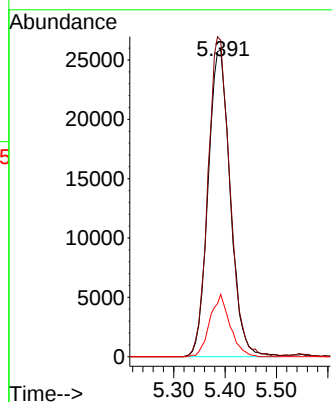
Tgt Ion:113 Resp: 77392

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 18.4 13.3 19.9



#44

Trichloroethene

Concen: 1.386 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX038434.D

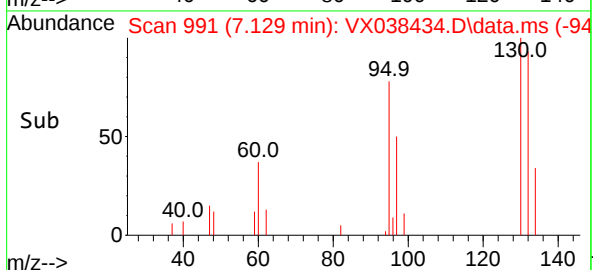
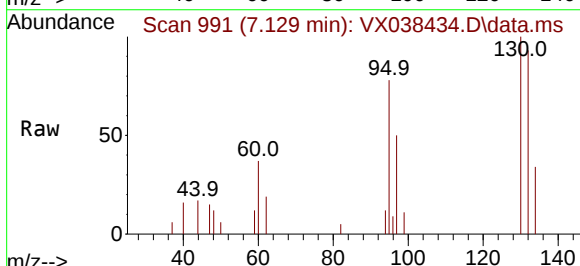
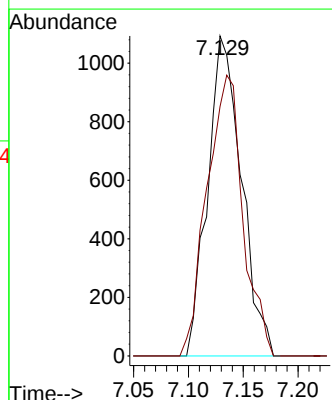
Acq: 23 Oct 2023 15:51

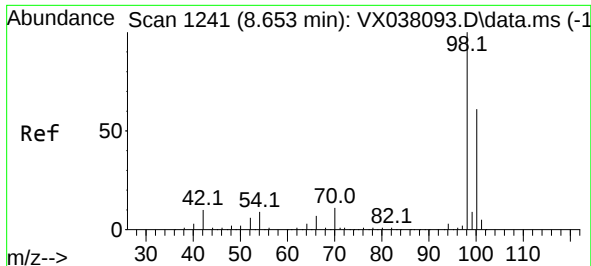
Tgt Ion:130 Resp: 2334

Ion Ratio Lower Upper

130 100

95 78.0 0.0 204.4





#50

Toluene-d8

Concen: 45.353 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038434.D

Acq: 23 Oct 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

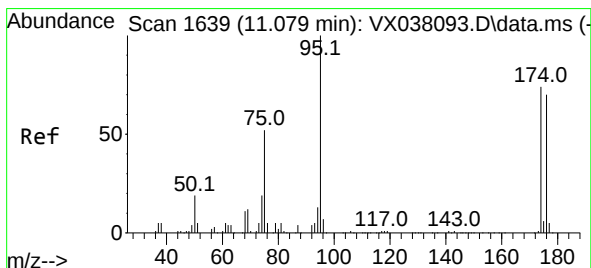
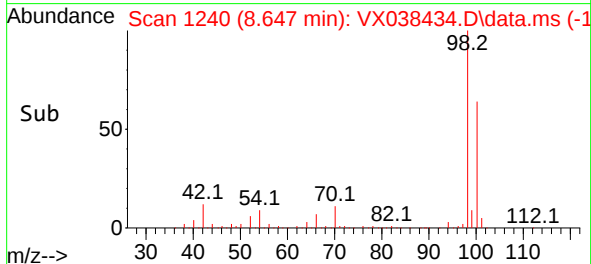
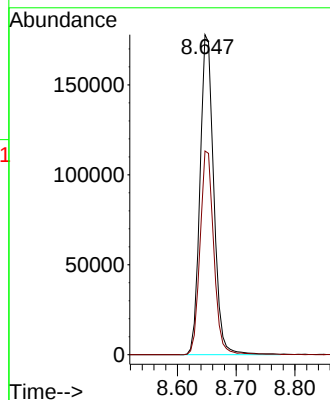
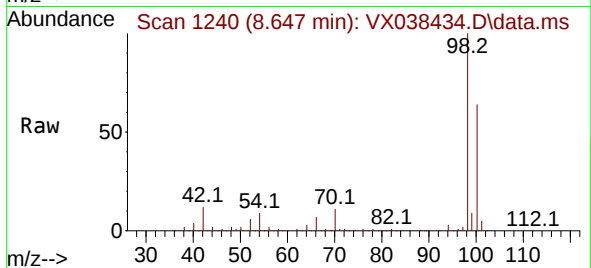
GW-24-23-26

Tgt Ion: 98 Resp: 289218

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.772 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038434.D

Acq: 23 Oct 2023 15:51

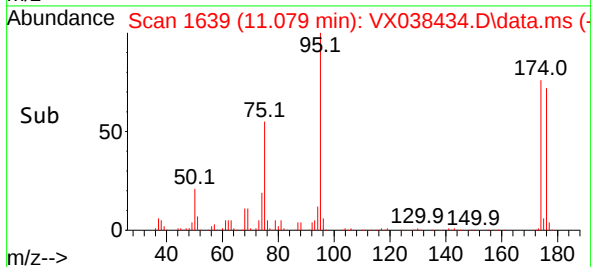
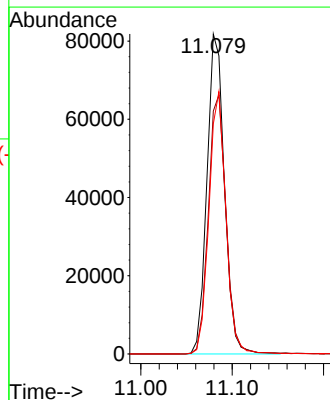
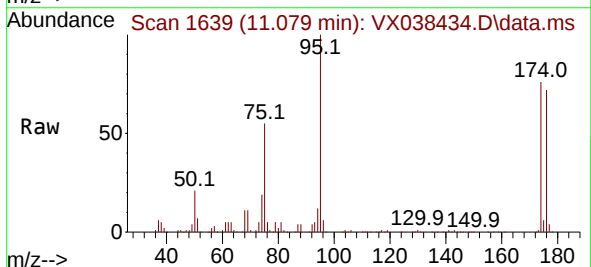
Tgt Ion: 95 Resp: 108241

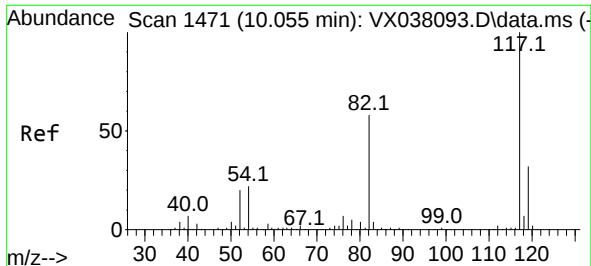
Ion Ratio Lower Upper

95 100

174 82.5 0.0 135.6

176 79.7 0.0 131.0

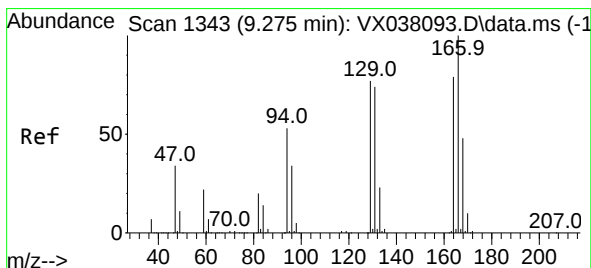
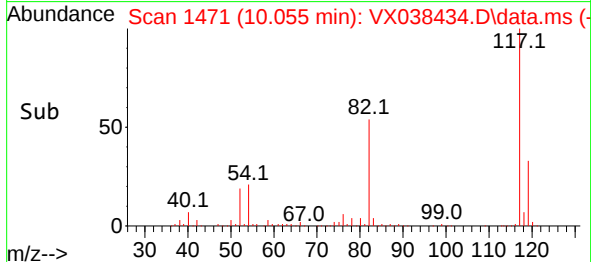
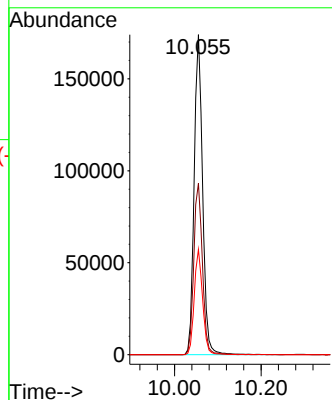
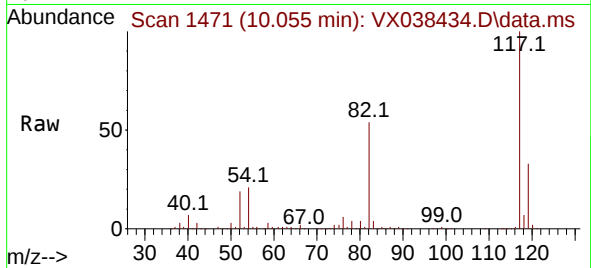




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

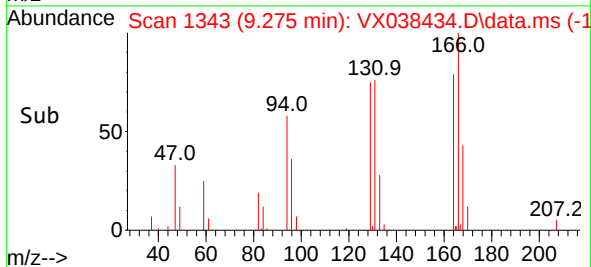
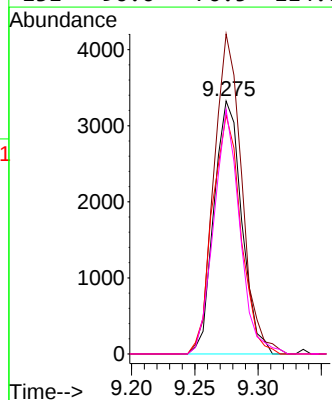
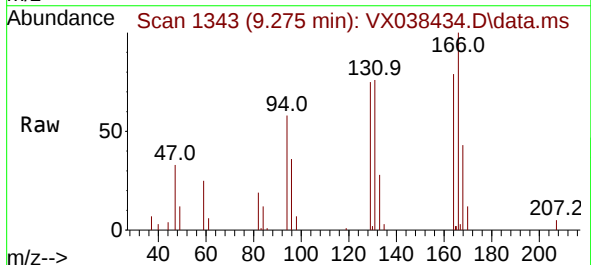
Instrument :
MSVOA_X
ClientSampleId :
GW-24-23-26

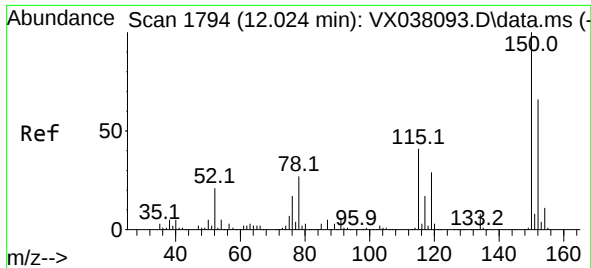
Tgt Ion:117 Resp: 235673
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 3.329 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

Tgt Ion:164 Resp: 5079
Ion Ratio Lower Upper
164 100
166 126.5 102.7 154.1
129 94.4 80.4 120.6
131 96.6 76.5 114.7

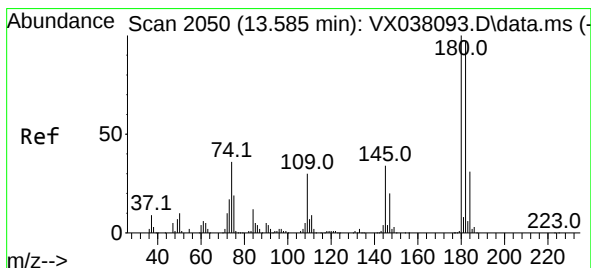
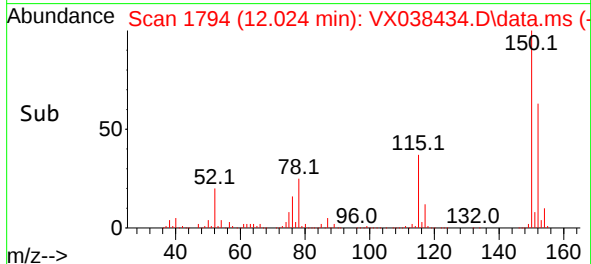
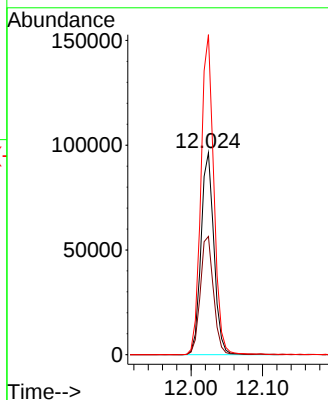
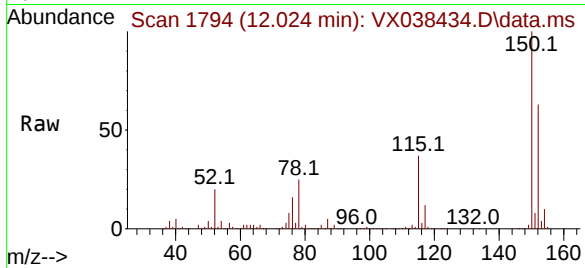




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038434.D
 Acq: 23 Oct 2023 15:51

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 121492
 Ion Ratio Lower Upper
 152 100
 115 59.7 43.3 129.9
 150 157.7 0.0 345.0



#93
 1,2,4-Trichlorobenzene
 Concen: 0.682 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038434.D
 Acq: 23 Oct 2023 15:51

Tgt Ion:180 Resp: 1758
 Ion Ratio Lower Upper
 180 100
 182 103.0 48.3 144.8
 145 30.8 18.0 54.0

