

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038304.D
 Acq On : 16 Oct 2023 15:22
 Operator : JC/MD
 Sample : 04899-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-15-23-26

Quant Time: Oct 17 01:23:31 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)

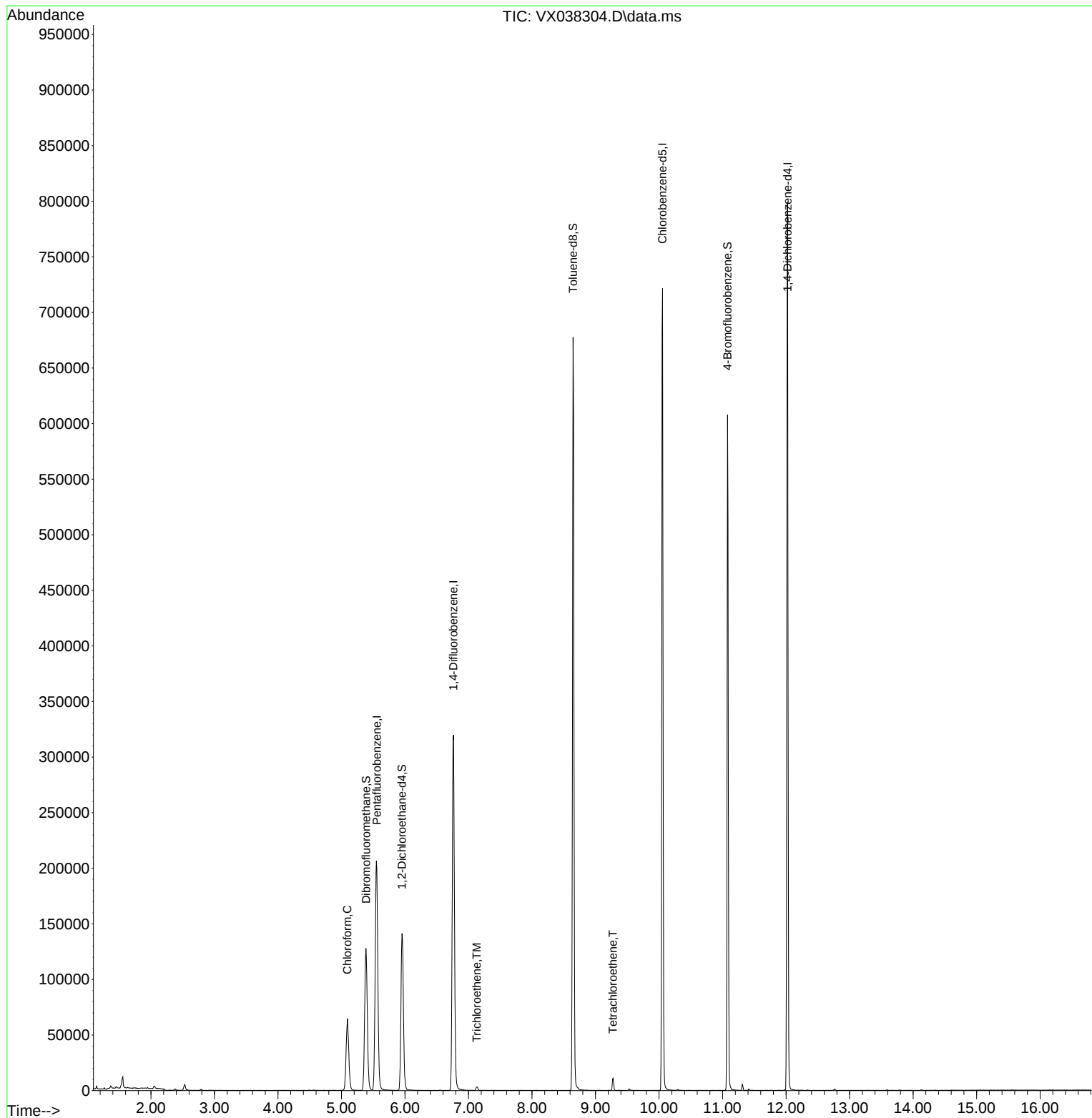
Internal Standards						
1) Pentafluorobenzene	5.556	168	193937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	330832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	137758	44.162	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.320%
35) Dibromofluoromethane	5.385	113	108972	45.713	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.420%
50) Toluene-d8	8.647	98	407003	44.680	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.360%#
62) 4-Bromofluorobenzene	11.079	95	153886	44.560	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.120%
Target Compounds						
					Qvalue	
30) Chloroform	5.093	83	73130	16.567	ug/l	96
44) Trichloroethene	7.129	130	1304	0.542	ug/l	86
64) Tetrachloroethene	9.275	164	1483	0.698	ug/l	90

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

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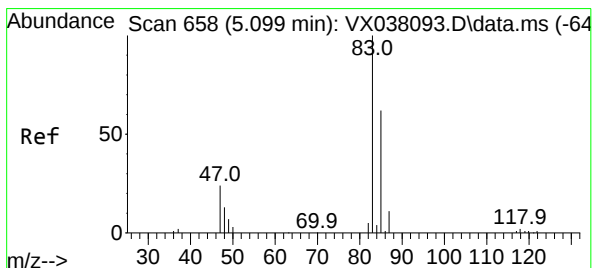
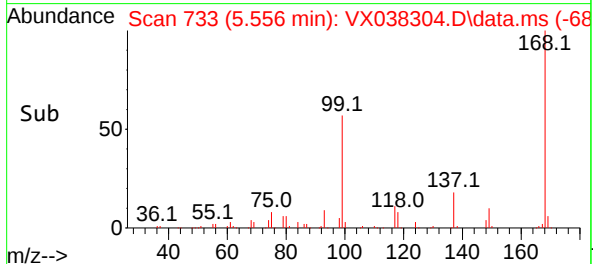
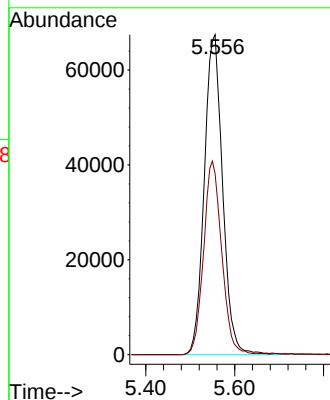
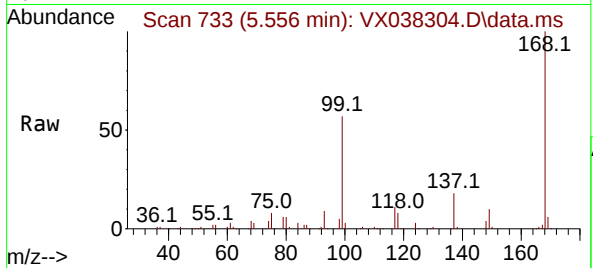




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

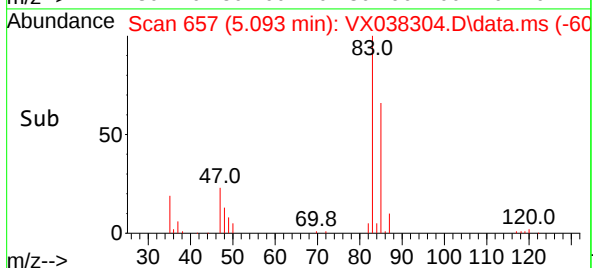
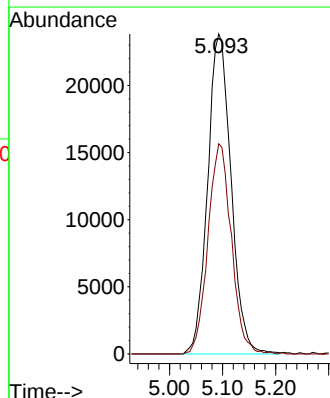
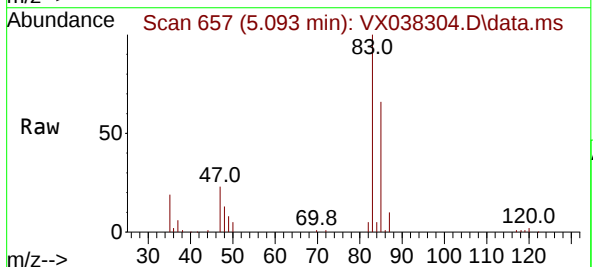
Instrument :
MSVOA_X
ClientSampleId :
GW-15-23-26

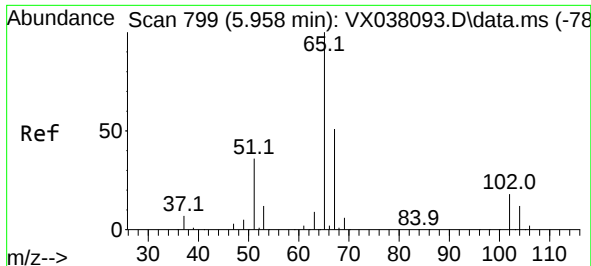
Tgt Ion:168 Resp: 193937
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0



#30
Chloroform
Concen: 16.567 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Tgt Ion: 83 Resp: 73130
Ion Ratio Lower Upper
83 100
85 65.7 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 44.162 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038304.D

Acq: 16 Oct 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

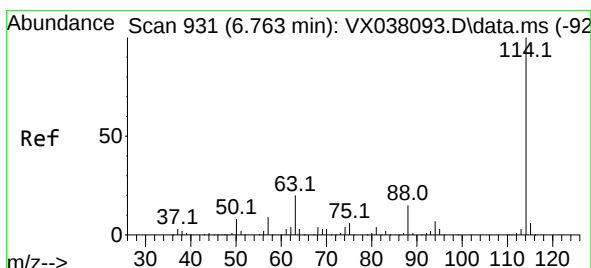
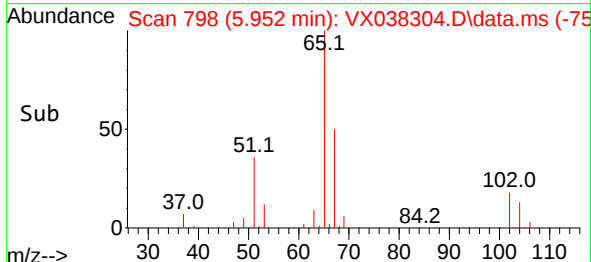
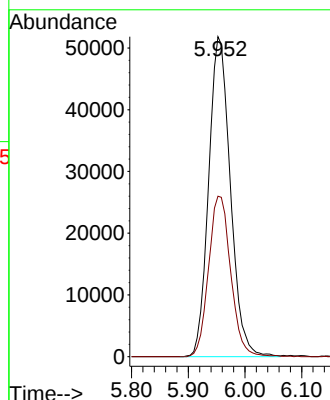
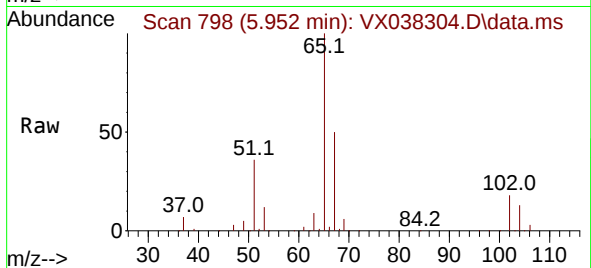
GW-15-23-26

Tgt Ion: 65 Resp: 137758

Ion Ratio Lower Upper

65 100

67 51.2 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: VX038304.D

Acq: 16 Oct 2023 15:22

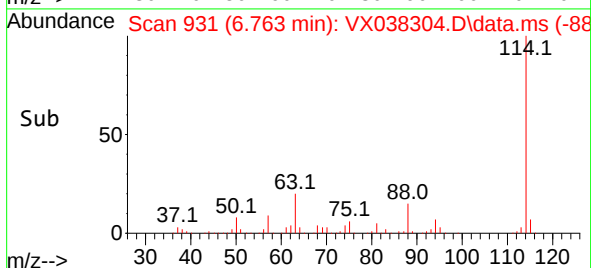
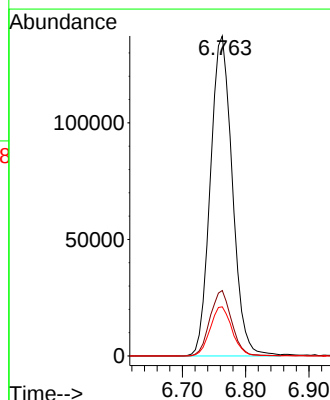
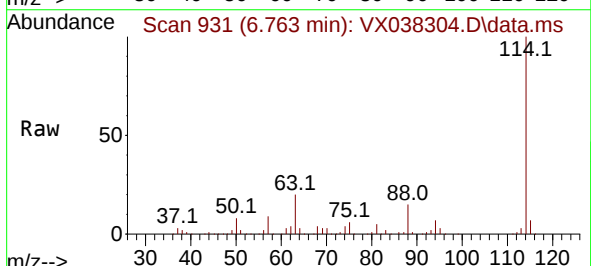
Tgt Ion: 114 Resp: 330832

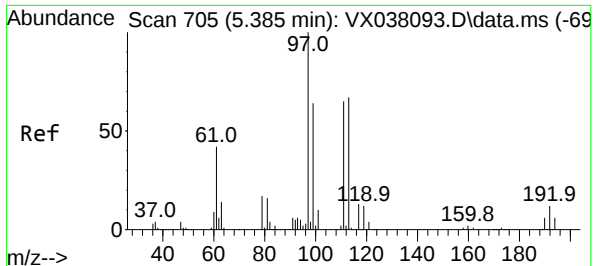
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.713 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038304.D

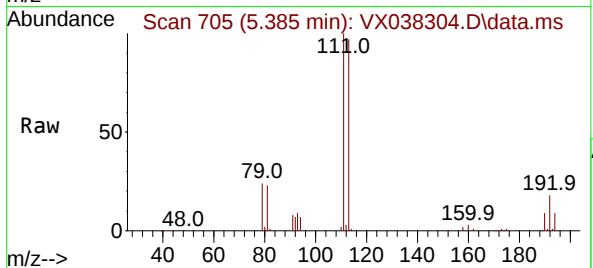
Acq: 16 Oct 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

GW-15-23-26



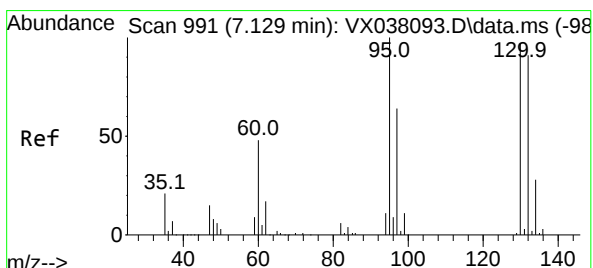
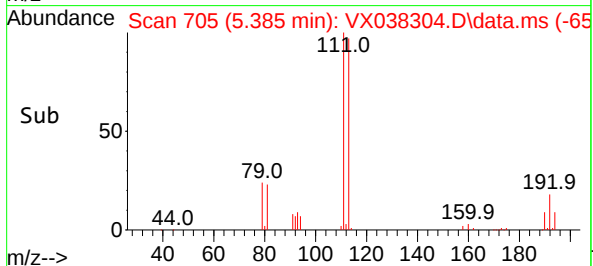
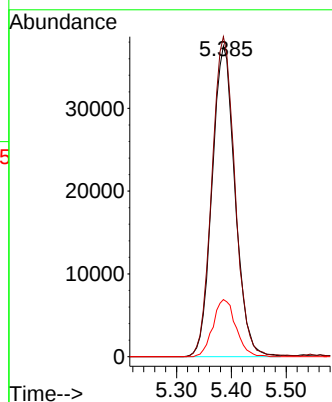
Tgt Ion:113 Resp: 108972

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 18.3 13.3 19.9



#44

Trichloroethene

Concen: 0.542 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX038304.D

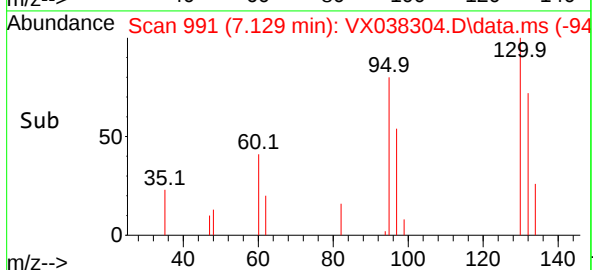
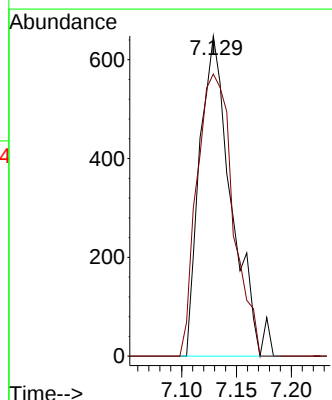
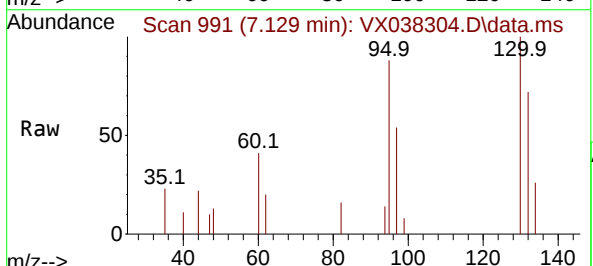
Acq: 16 Oct 2023 15:22

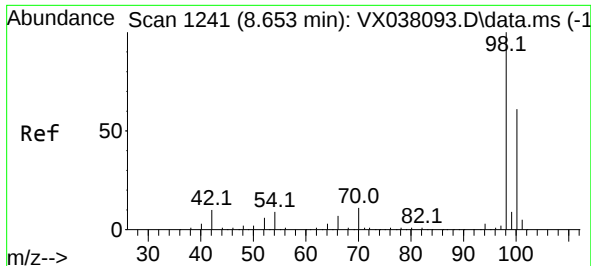
Tgt Ion:130 Resp: 1304

Ion Ratio Lower Upper

130 100

95 88.1 0.0 204.4

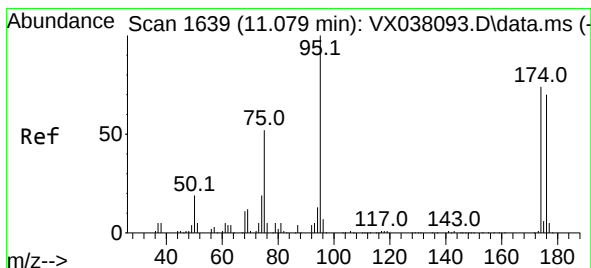
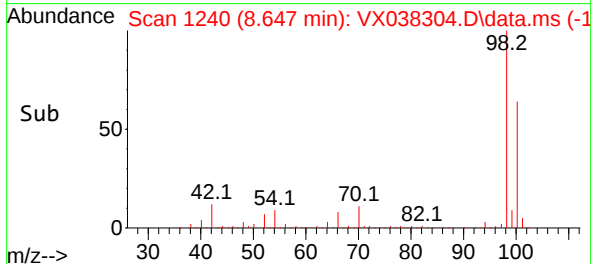
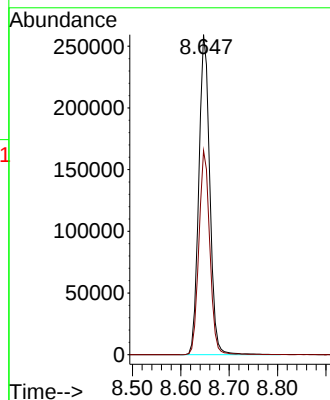
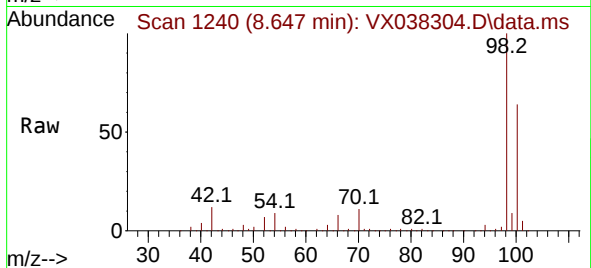




#50
Toluene-d8
Concen: 44.680 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

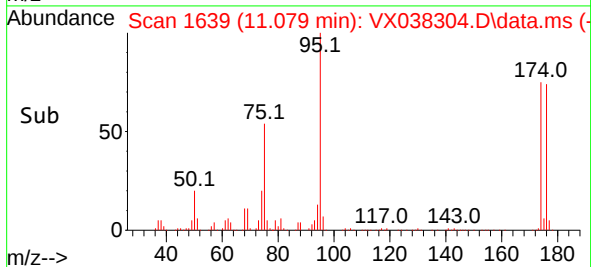
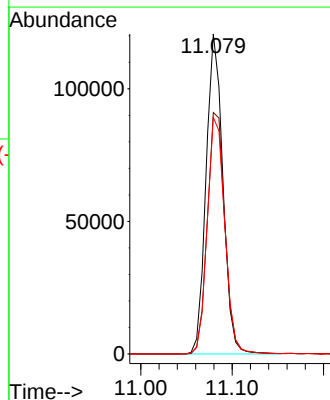
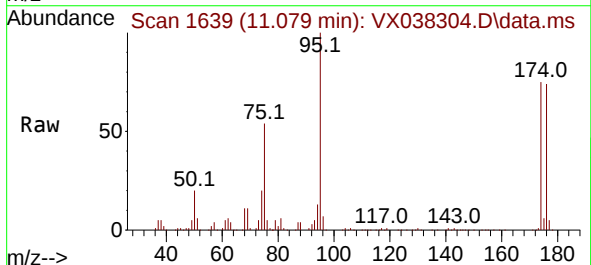
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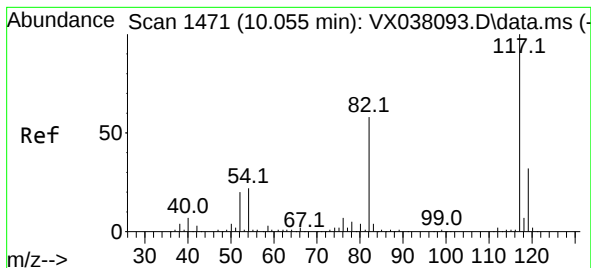
Tgt Ion: 98 Resp: 407003
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.560 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Tgt Ion: 95 Resp: 153886
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 77.2 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: VX038304.D

Acq: 16 Oct 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

GW-15-23-26

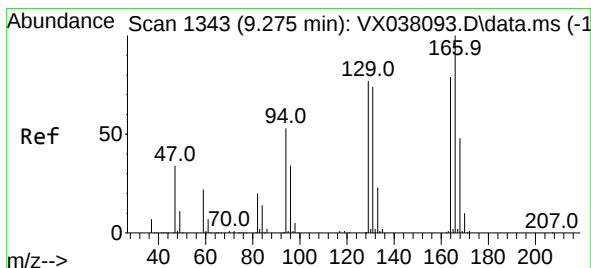
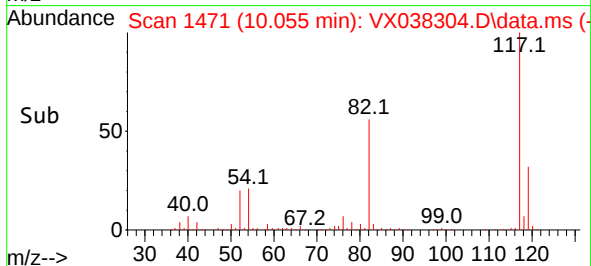
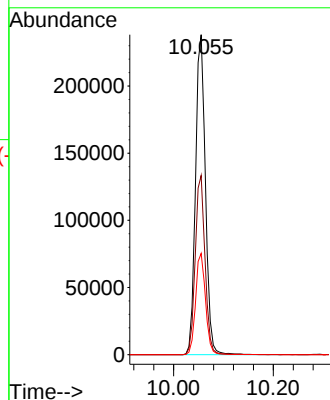
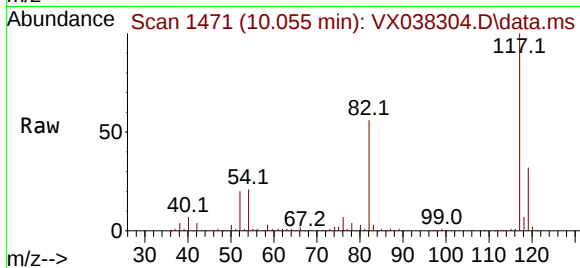
Tgt Ion:117 Resp: 328237

Ion Ratio Lower Upper

117 100

82 56.0 46.2 69.4

119 31.6 25.5 38.3



#64

Tetrachloroethene

Concen: 0.698 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX038304.D

Acq: 16 Oct 2023 15:22

Tgt Ion:164 Resp: 1483

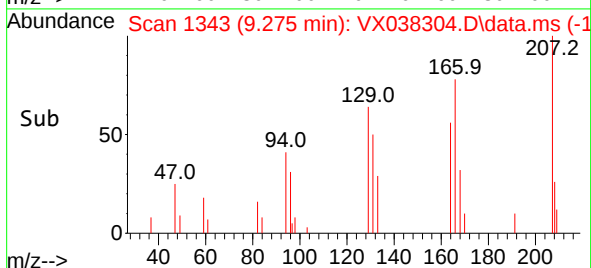
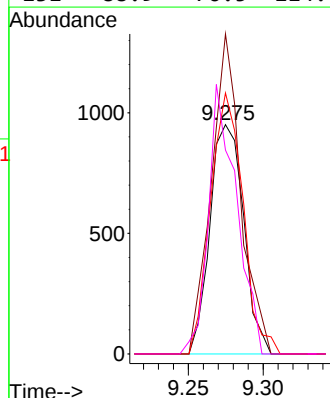
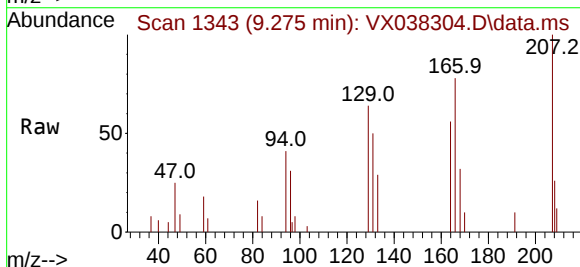
Ion Ratio Lower Upper

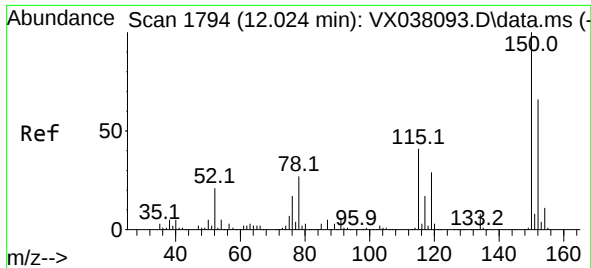
164 100

166 139.5 102.7 154.1

129 113.8 80.4 120.6

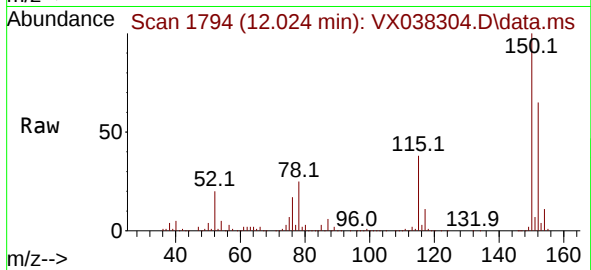
131 88.9 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038304.D
 Acq: 16 Oct 2023 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-15-23-26



Tgt Ion:152 Resp: 169615
 Ion Ratio Lower Upper
 152 100
 115 60.8 43.3 129.9
 150 157.2 0.0 345.0

