

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038363.D
 Acq On : 18 Oct 2023 15:25
 Operator : JC/MD
 Sample : 04940-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-20-23-26

Quant Time: Oct 19 01:41:23 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)

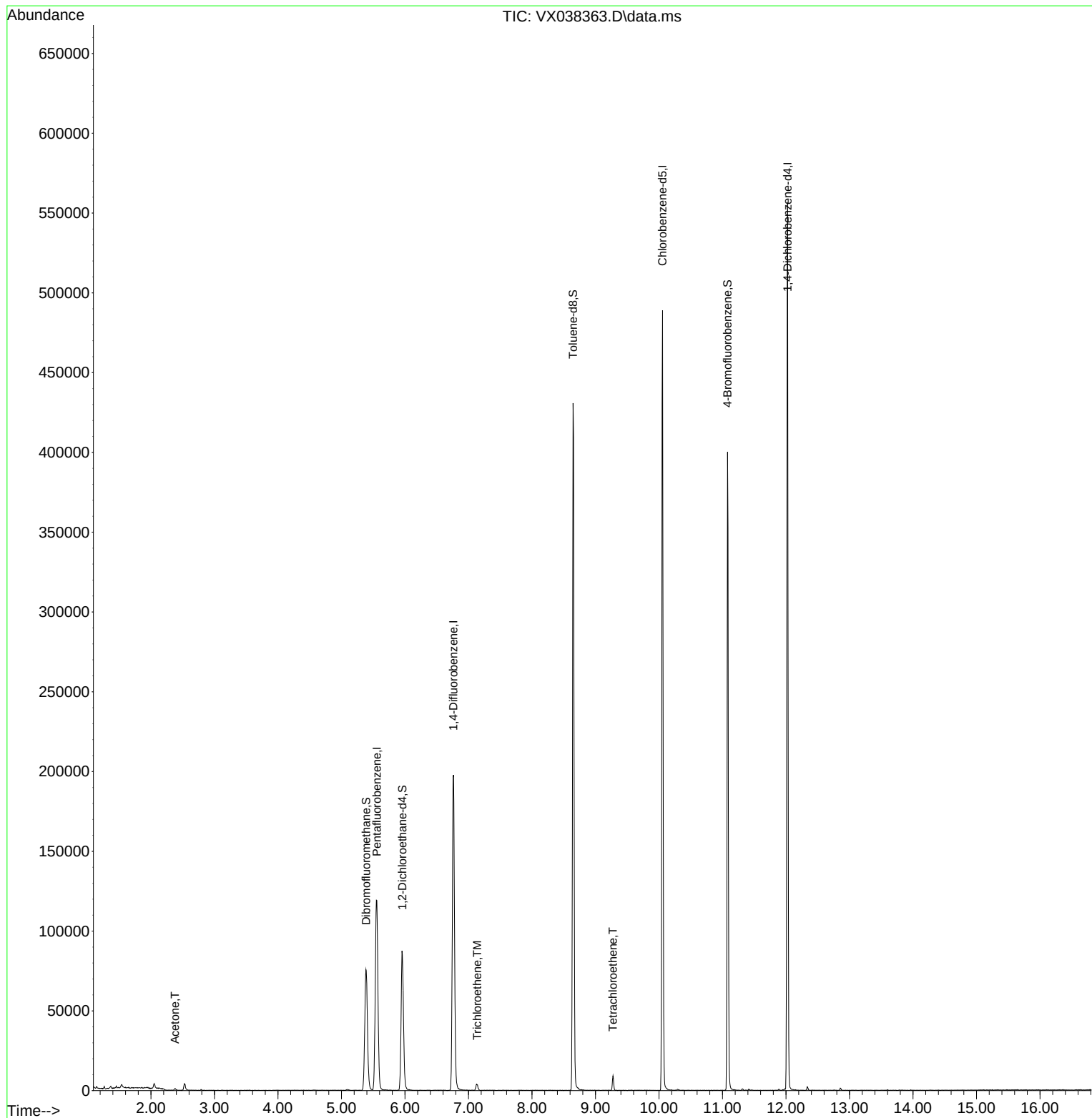
Internal Standards						
1) Pentafluorobenzene	5.556	168	115367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81750	44.056	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.120%
35) Dibromofluoromethane	5.385	113	66031	44.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.180%
50) Toluene-d8	8.647	98	260606	46.054	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.100%
62) 4-Bromofluorobenzene	11.079	95	99423	46.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.680%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1256	1.622	ug/l	91
44) Trichloroethene	7.135	130	1706	1.142	ug/l	66
64) Tetrachloroethene	9.275	164	1468	1.077	ug/l	89

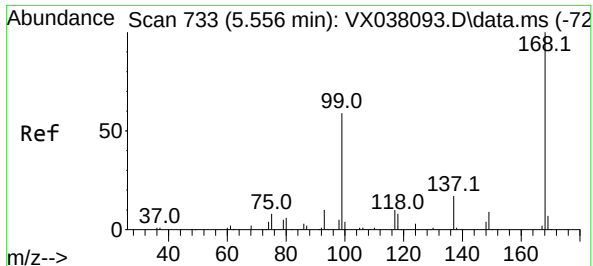
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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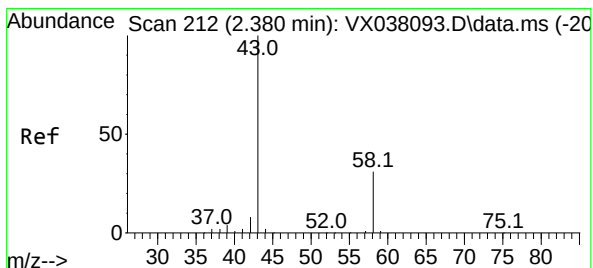
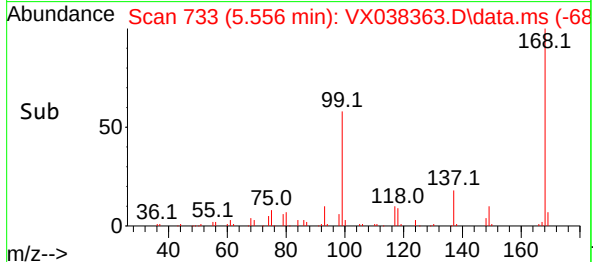
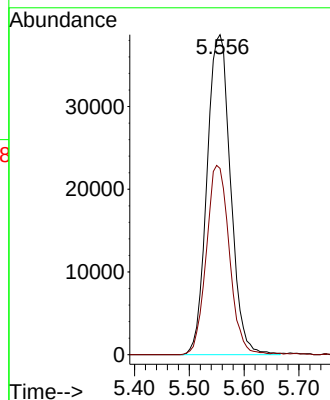
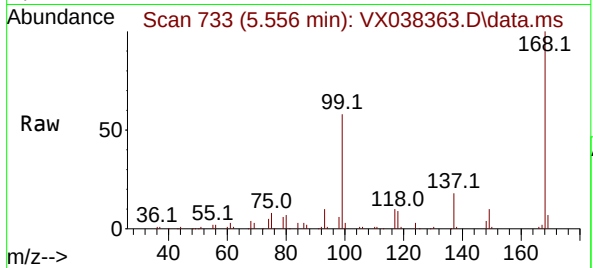




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

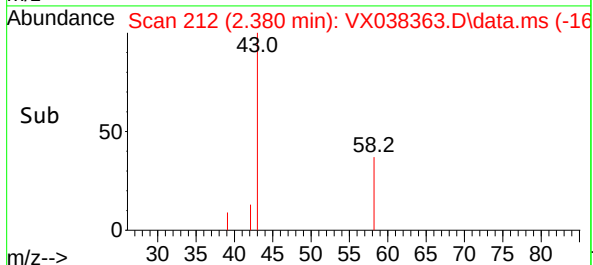
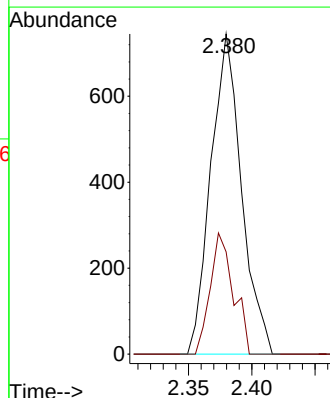
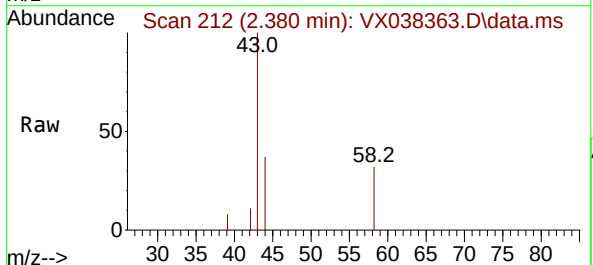
Instrument :
MSVOA_X
ClientSampleId :
GW-20-23-26

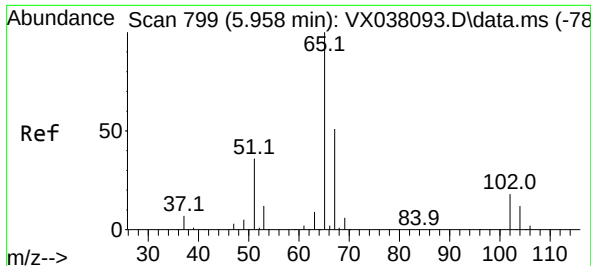
Tgt Ion:168 Resp: 115367
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#16
Acetone
Concen: 1.622 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 44.056 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038363.D

Acq: 18 Oct 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

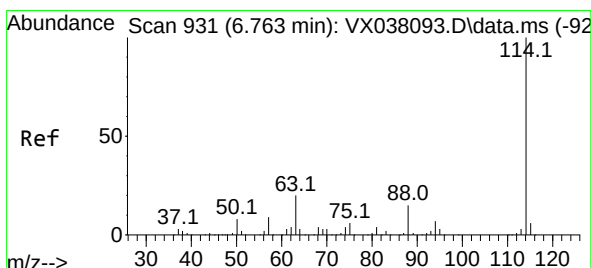
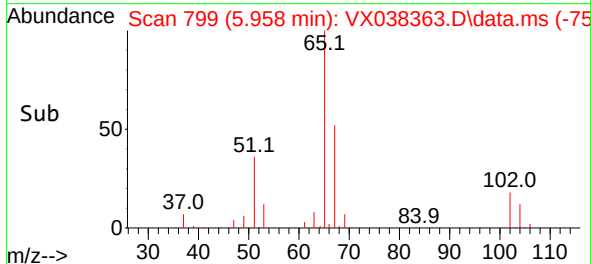
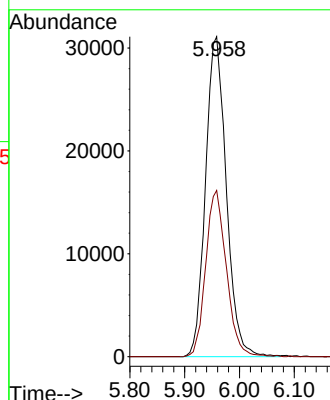
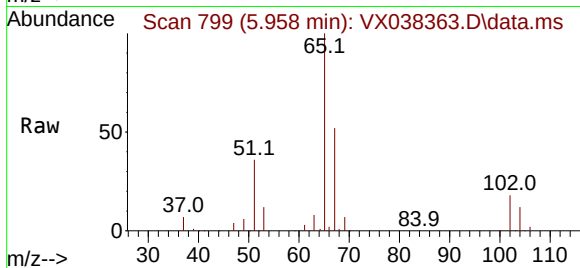
GW-20-23-26

Tgt Ion: 65 Resp: 81750

Ion Ratio Lower Upper

65 100

67 51.7 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: VX038363.D

Acq: 18 Oct 2023 15:25

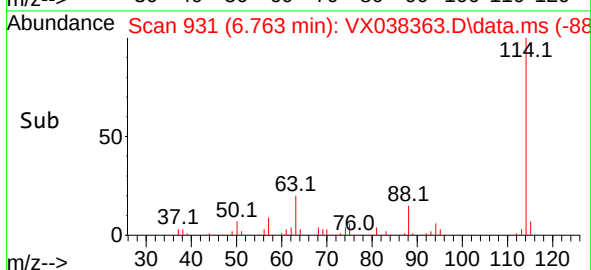
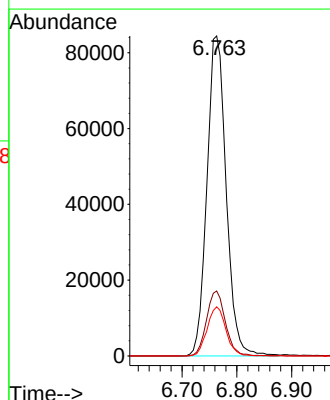
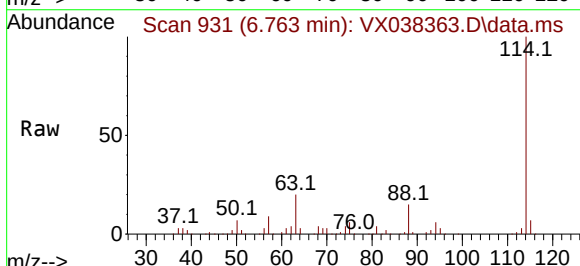
Tgt Ion: 114 Resp: 205515

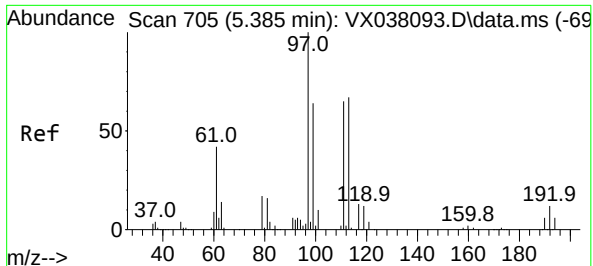
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.589 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038363.D

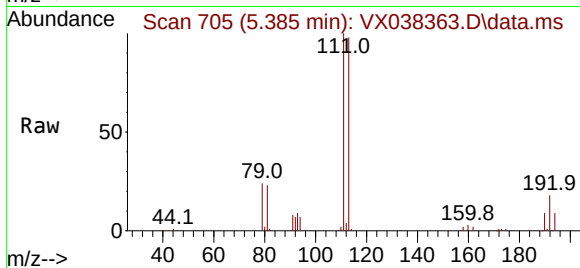
Acq: 18 Oct 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

GW-20-23-26



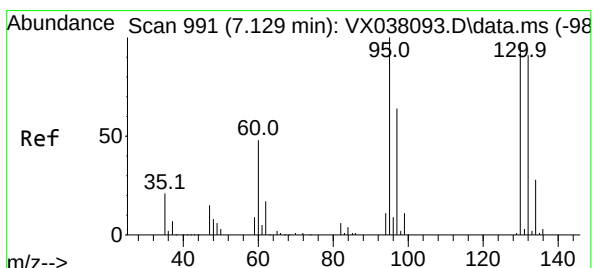
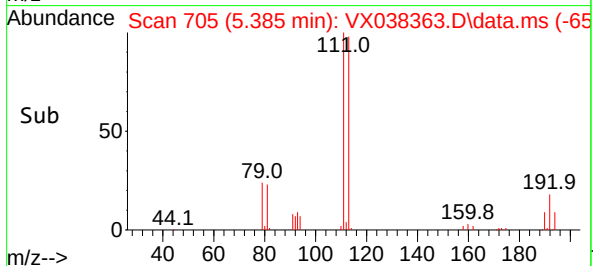
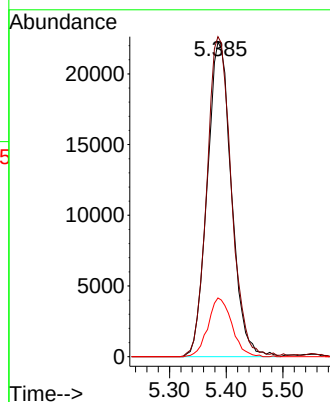
Tgt Ion:113 Resp: 66031

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 18.3 13.3 19.9



#44

Trichloroethene

Concen: 1.142 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX038363.D

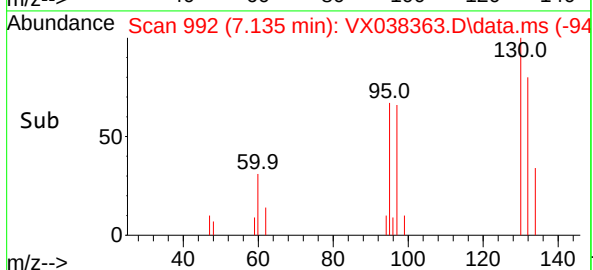
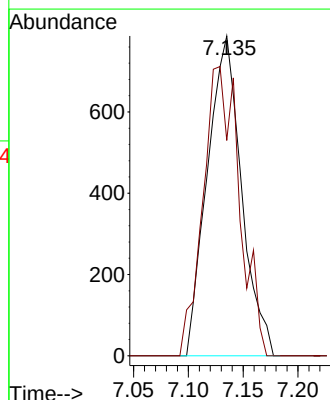
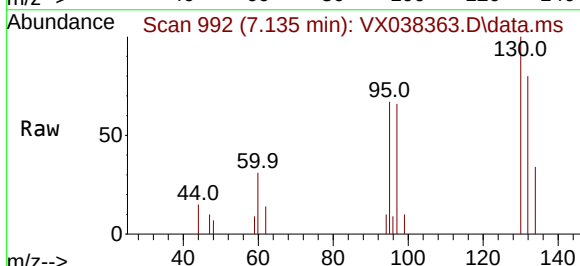
Acq: 18 Oct 2023 15:25

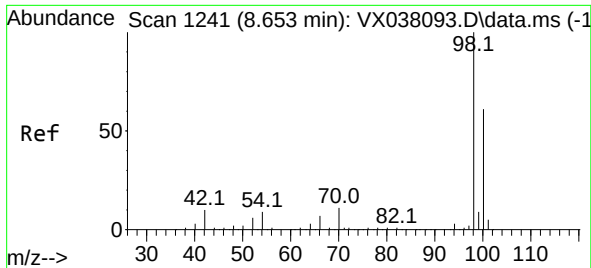
Tgt Ion:130 Resp: 1706

Ion Ratio Lower Upper

130 100

95 67.3 0.0 204.4

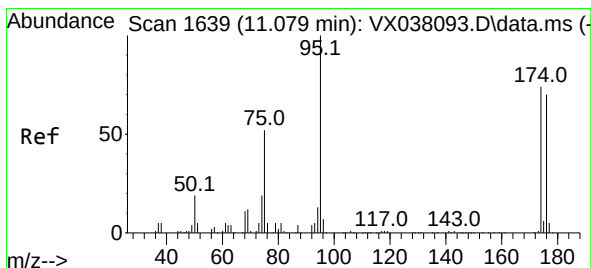
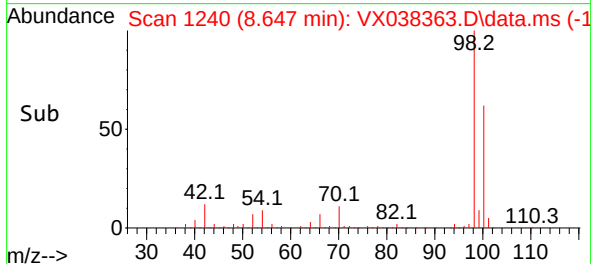
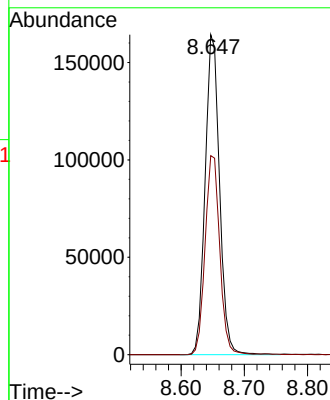
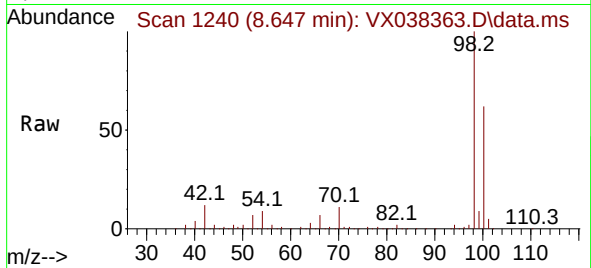




#50
Toluene-d8
Concen: 46.054 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

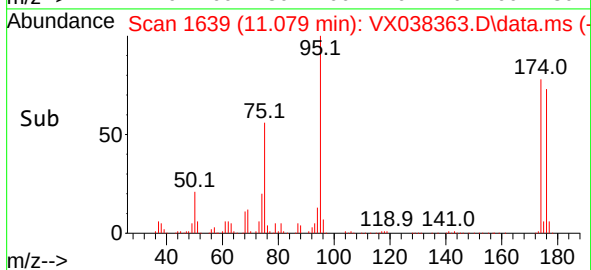
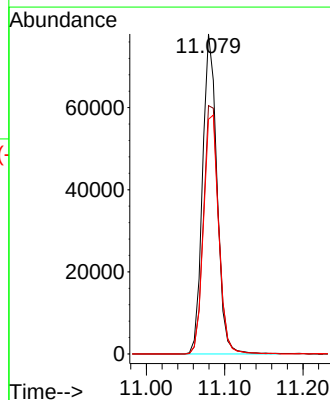
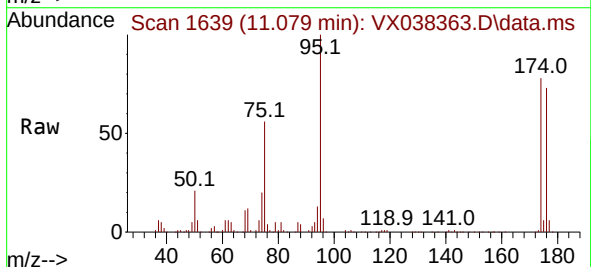
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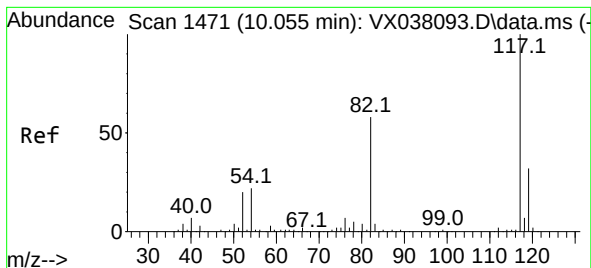
Tgt Ion: 98 Resp: 260606
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

Tgt Ion: 95 Resp: 99423
Ion Ratio Lower Upper
95 100
174 82.0 0.0 135.6
176 78.7 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: VX038363.D

Acq: 18 Oct 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

GW-20-23-26

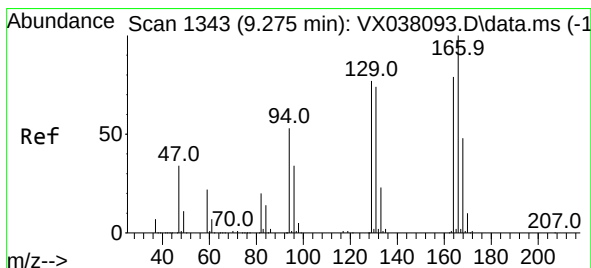
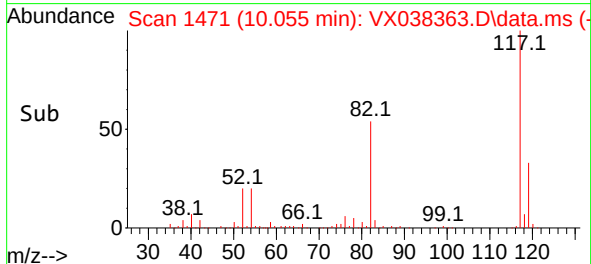
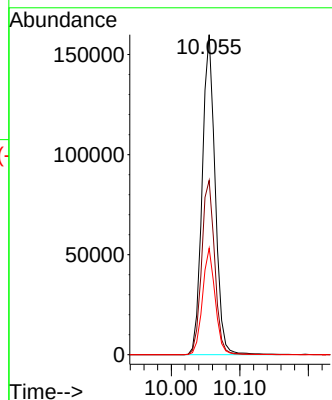
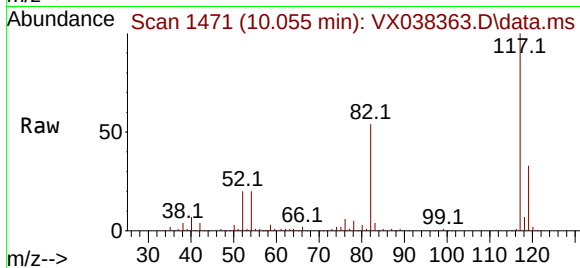
Tgt Ion:117 Resp: 210569

Ion Ratio Lower Upper

117 100

82 54.4 46.2 69.4

119 33.3 25.5 38.3



#64

Tetrachloroethene

Concen: 1.077 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX038363.D

Acq: 18 Oct 2023 15:25

Tgt Ion:164 Resp: 1468

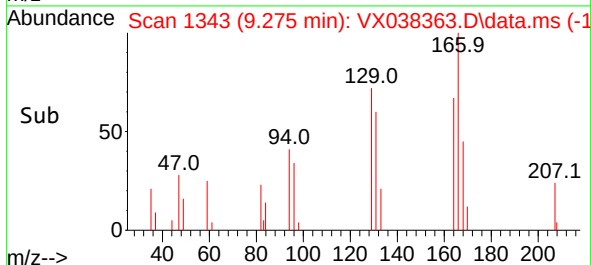
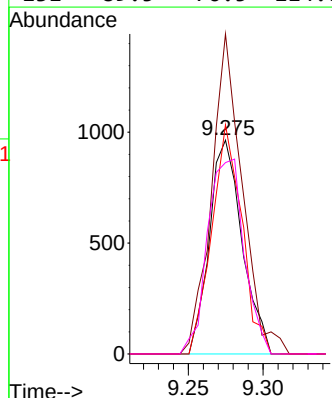
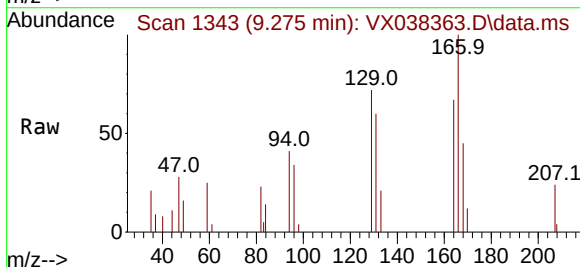
Ion Ratio Lower Upper

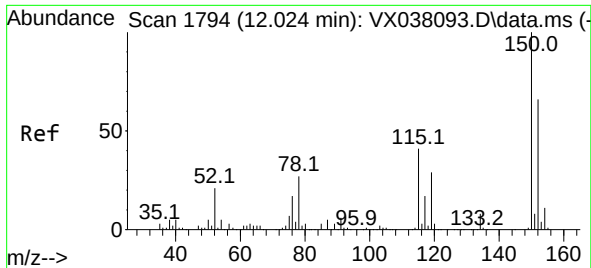
164 100

166 149.7 102.7 154.1

129 107.2 80.4 120.6

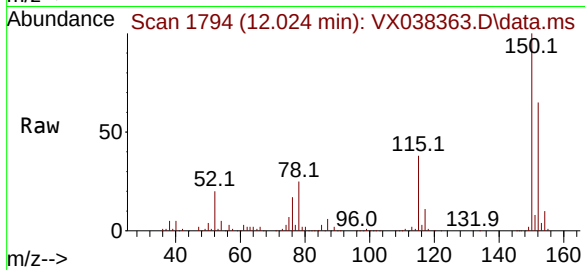
131 89.5 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038363.D
 Acq: 18 Oct 2023 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-20-23-26



Tgt Ion:152 Resp: 116315
 Ion Ratio Lower Upper
 152 100
 115 58.8 43.3 129.9
 150 153.2 0.0 345.0

