

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037730.D
 Acq On : 14 Sep 2023 15:50
 Operator : JC/MD
 Sample : 04408-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17-0912

Quant Time: Sep 15 01:34:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

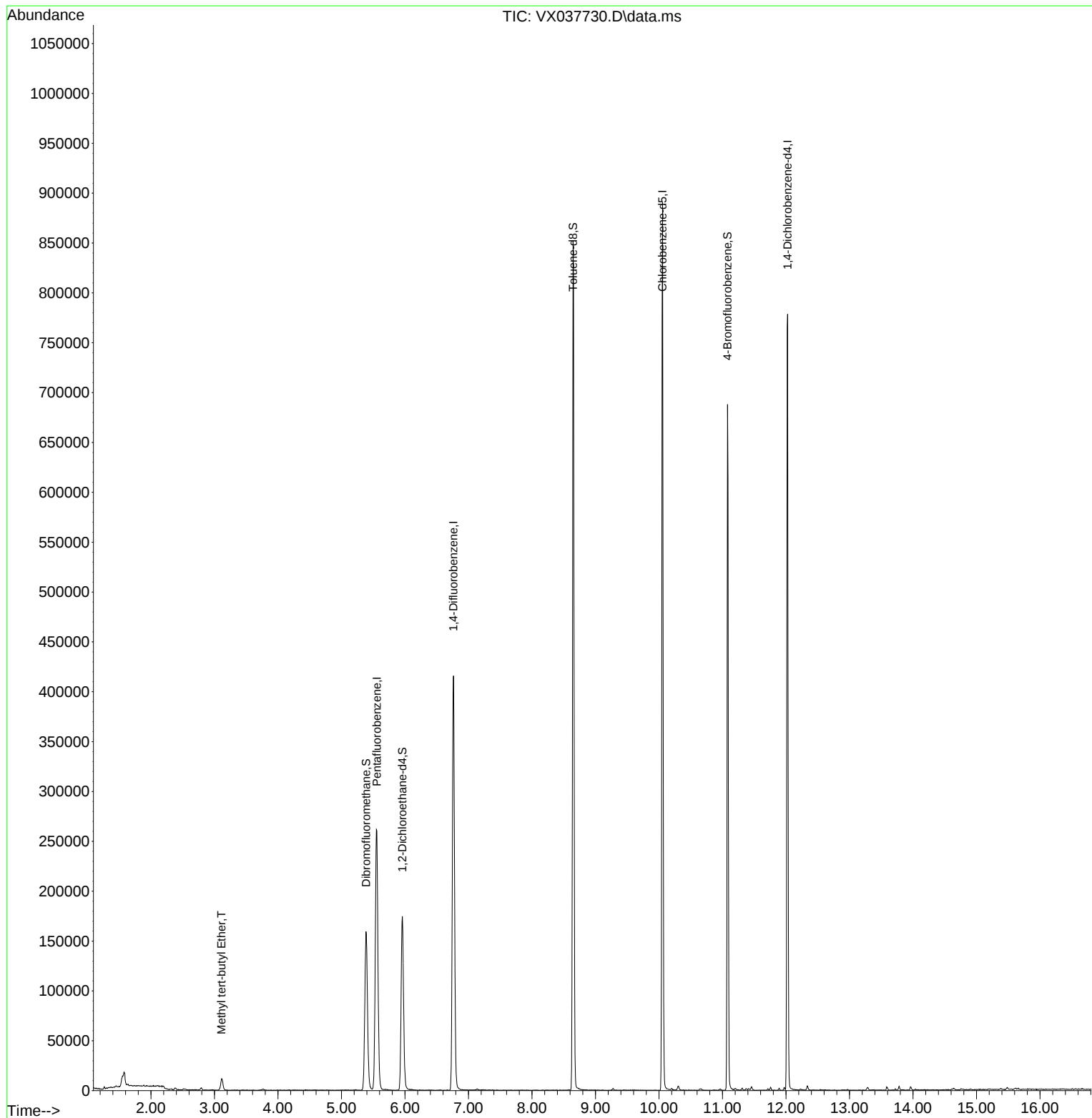
Internal Standards						
1) Pentafluorobenzene	5.556	168	254739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436879	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167525	40.647	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.300%
35) Dibromofluoromethane	5.385	113	140148	45.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.520%
50) Toluene-d8	8.647	98	523333	44.811	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.620%#
62) 4-Bromofluorobenzene	11.079	95	181436	43.062	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.120%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	13268	1.282	ug/l	Qvalue 97

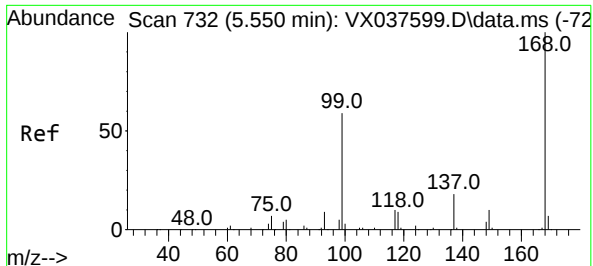
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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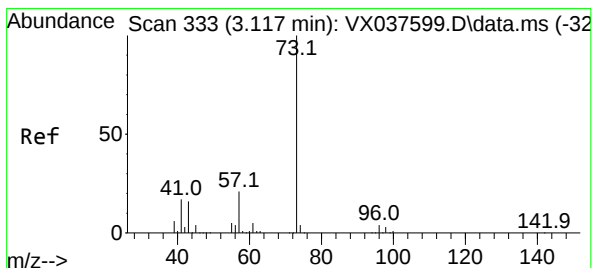
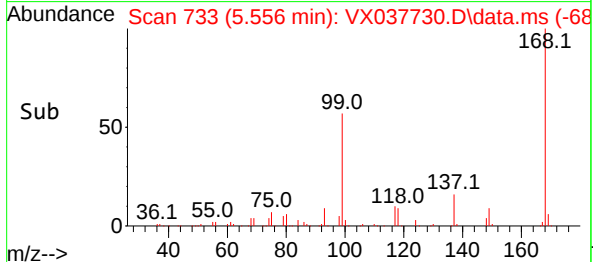
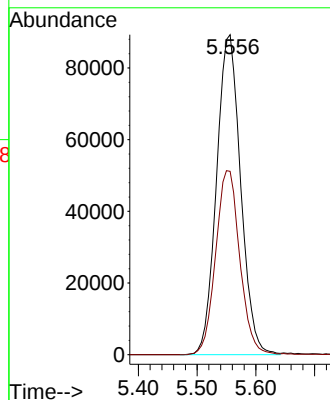
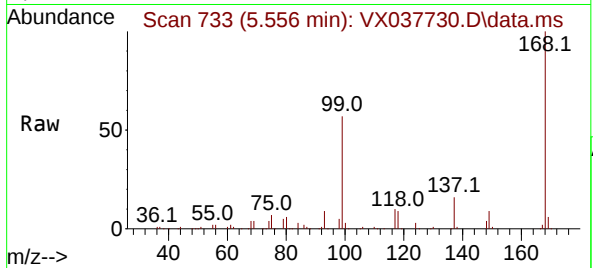




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037730.D
Acq: 14 Sep 2023 15:50

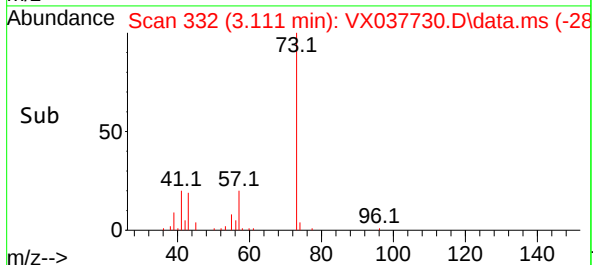
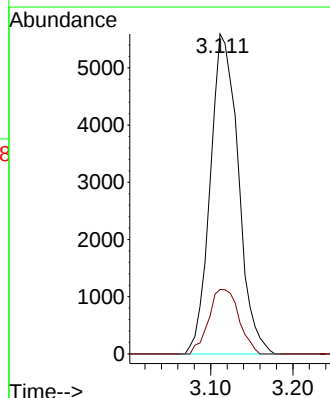
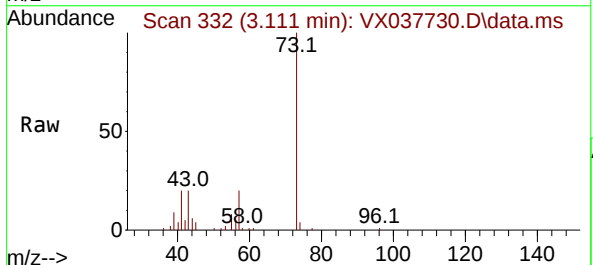
Instrument :
MSVOA_X
ClientSampleId :
MW-17-0912

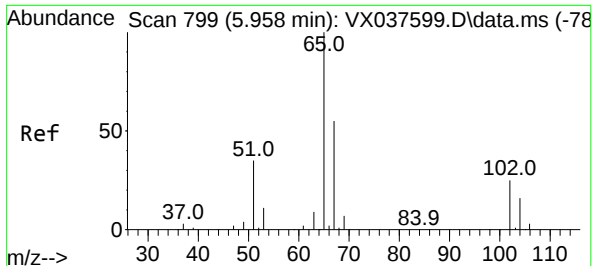
Tgt Ion:168 Resp: 254739
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 1.282 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX037730.D
Acq: 14 Sep 2023 15:50

Tgt Ion: 73 Resp: 13268
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9





#33

1,2-Dichloroethane-d4

Concen: 40.647 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037730.D

Acq: 14 Sep 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

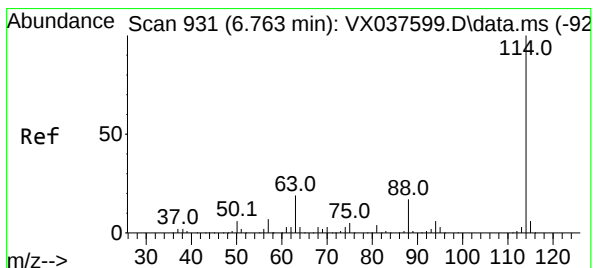
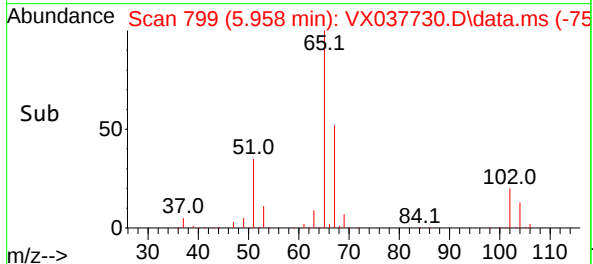
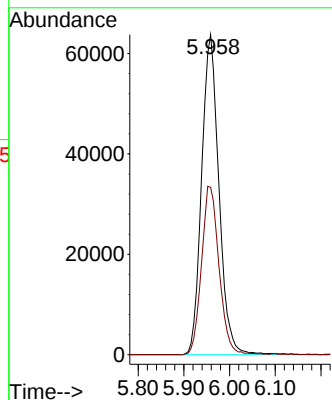
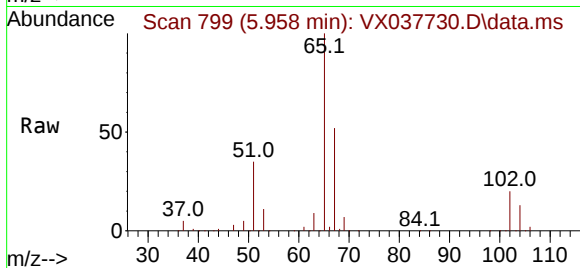
MW-17-0912

Tgt Ion: 65 Resp: 167525

Ion Ratio Lower Upper

65 100

67 53.3 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: VX037730.D

Acq: 14 Sep 2023 15:50

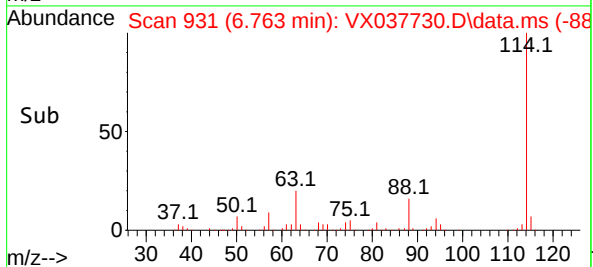
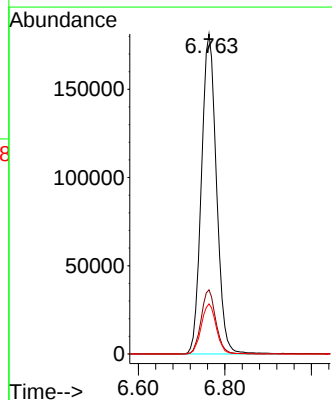
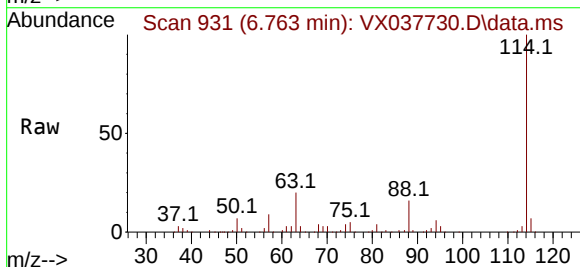
Tgt Ion: 114 Resp: 436879

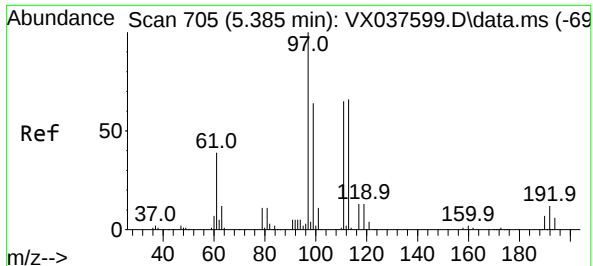
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 15.6 0.0 36.6

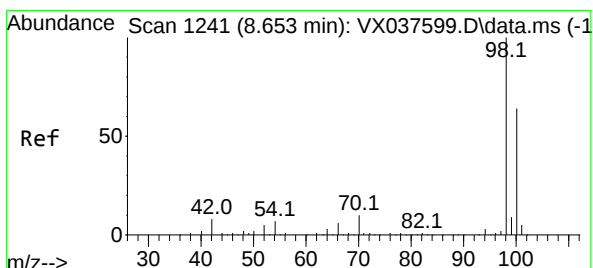
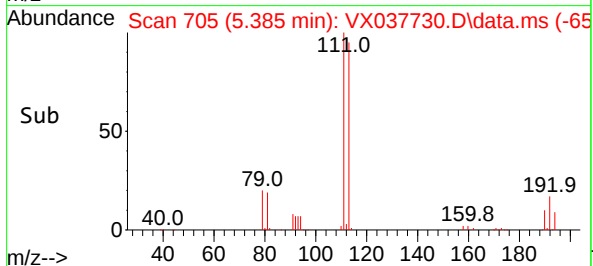
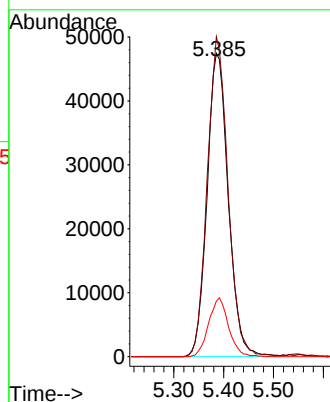
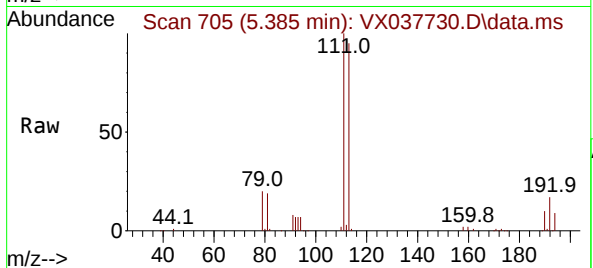




#35
Dibromofluoromethane
Concen: 45.258 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037730.D
Acq: 14 Sep 2023 15:50

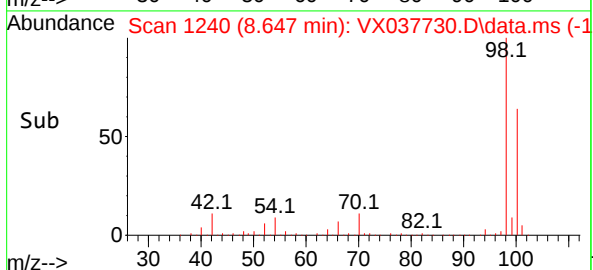
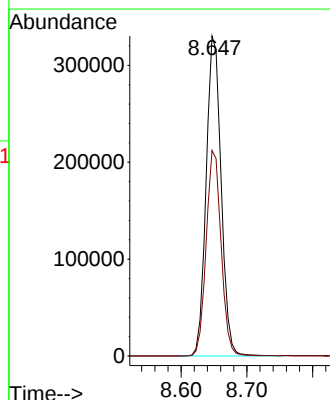
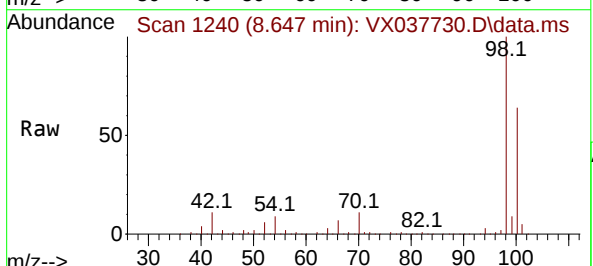
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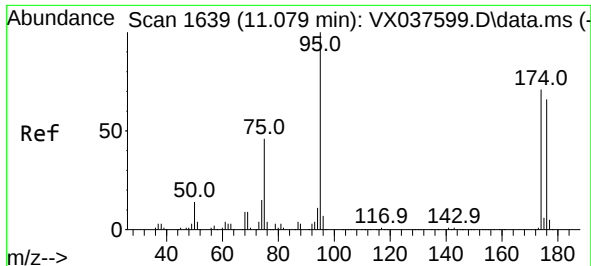
Tgt Ion:113 Resp: 140148
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.2 13.3 19.9



#50
Toluene-d8
Concen: 44.811 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037730.D
Acq: 14 Sep 2023 15:50

Tgt Ion: 98 Resp: 523333
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

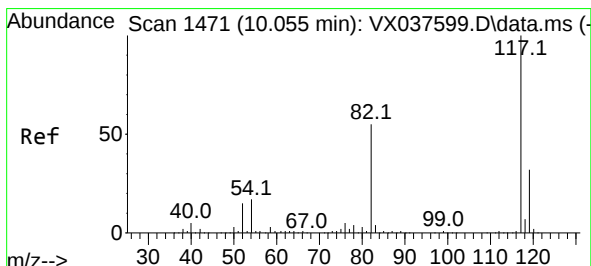
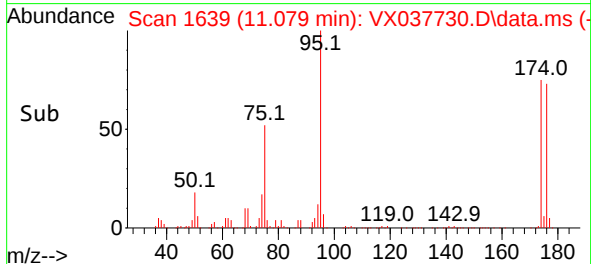
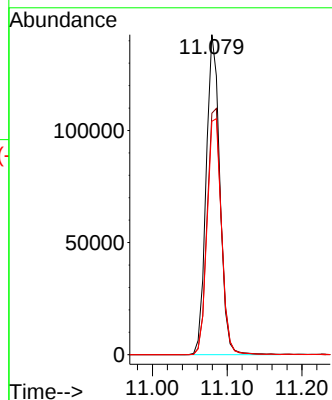
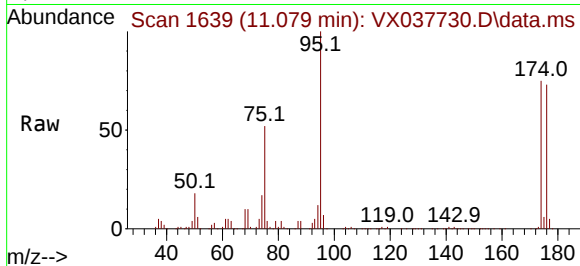




#62
4-Bromofluorobenzene
Concen: 43.062 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037730.D
Acq: 14 Sep 2023 15:50

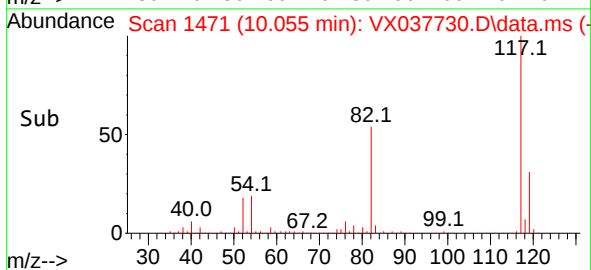
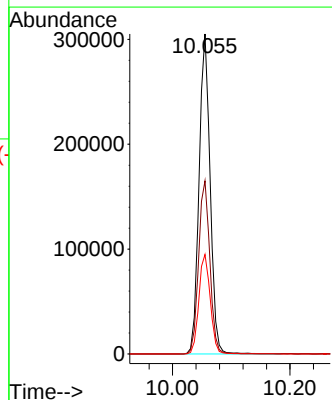
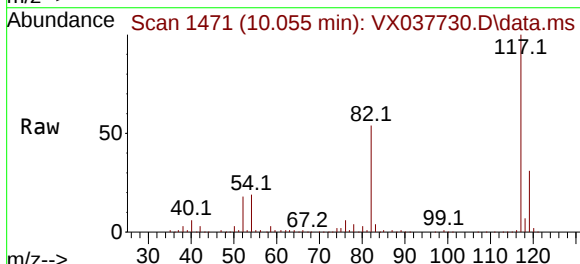
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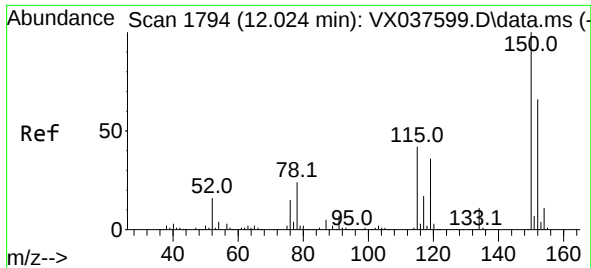
Tgt Ion: 95 Resp: 181436
Ion Ratio Lower Upper
95 100
174 80.0 0.0 135.6
176 77.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037730.D
Acq: 14 Sep 2023 15:50

Tgt Ion: 117 Resp: 399161
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 31.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037730.D

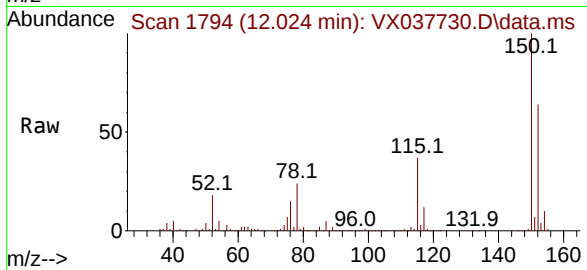
Acq: 14 Sep 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

MW-17-0912



Tgt Ion:152 Resp: 168043

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 158.4 0.0 345.0

