

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037731.D
 Acq On : 14 Sep 2023 16:14
 Operator : JC/MD
 Sample : 04408-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15-0912

Quant Time: Sep 15 01:34:26 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)

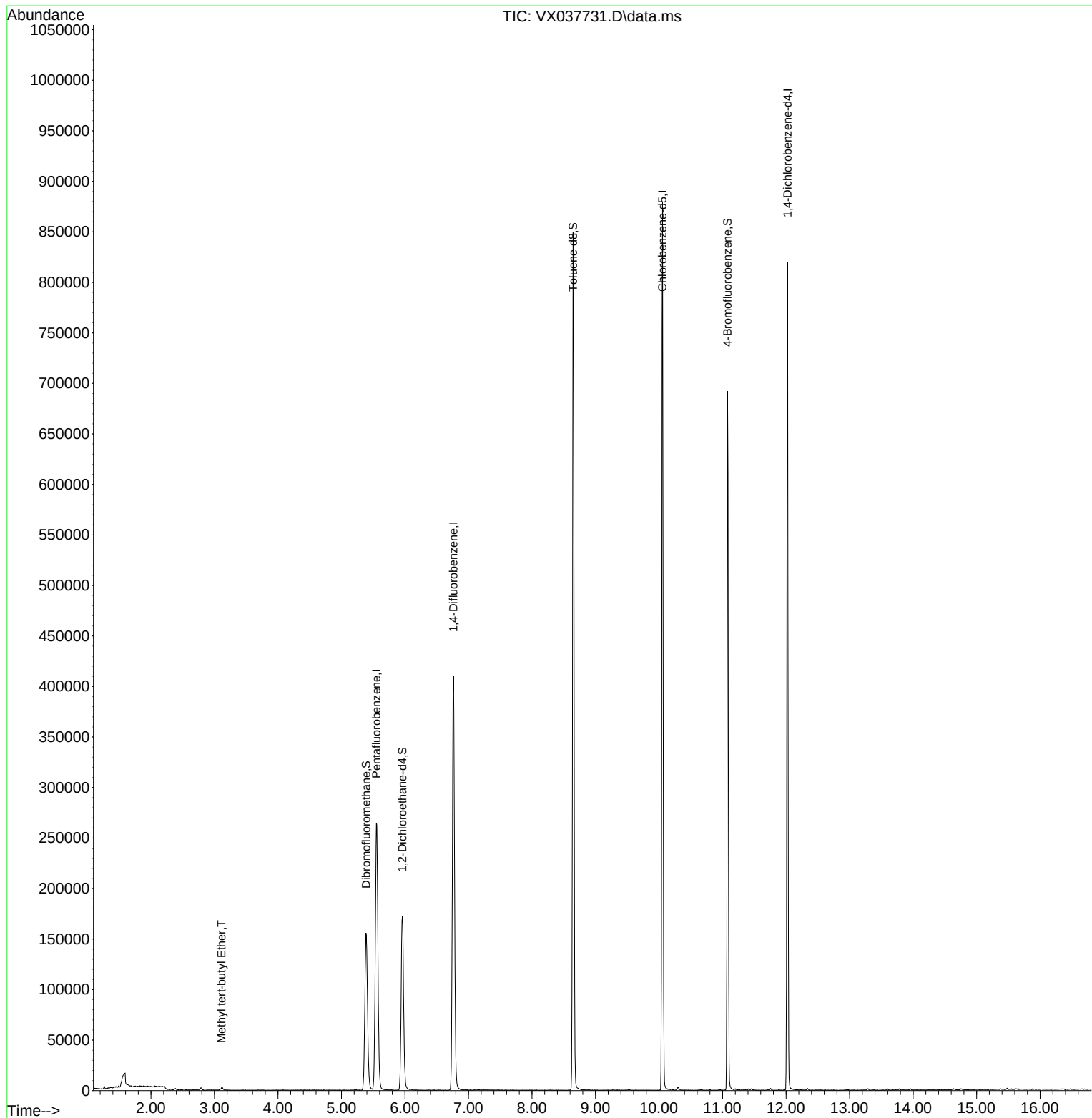
Internal Standards						
1) Pentafluorobenzene	5.550	168	257103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	433289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167033	40.155	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.300%
35) Dibromofluoromethane	5.385	113	137485	44.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.540%
50) Toluene-d8	8.647	98	522544	45.114	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.220%#
62) 4-Bromofluorobenzene	11.079	95	179928	43.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.120%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	2748	0.263	ug/l	Qvalue 97

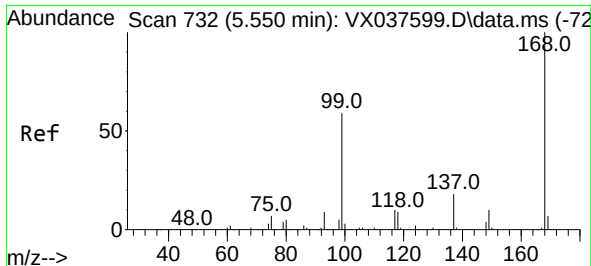
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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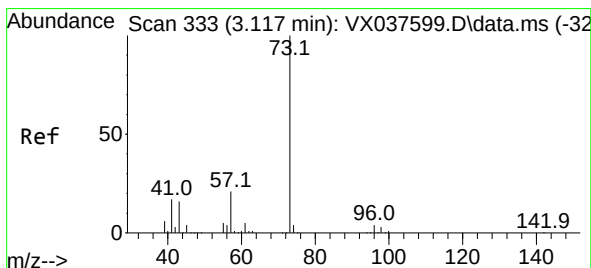
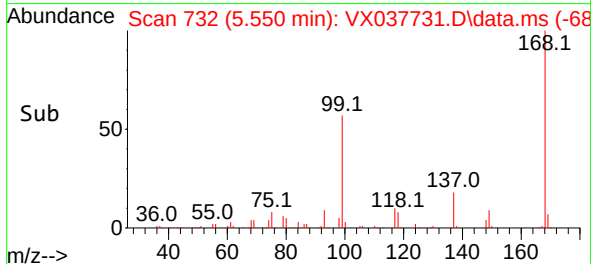
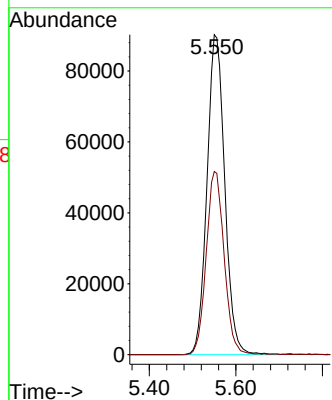
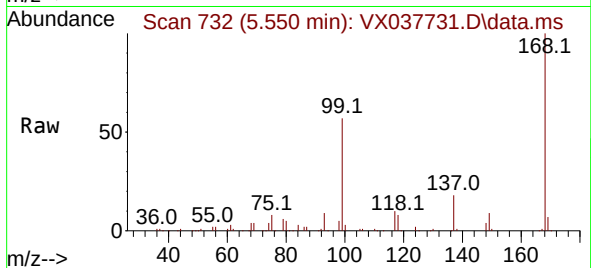




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

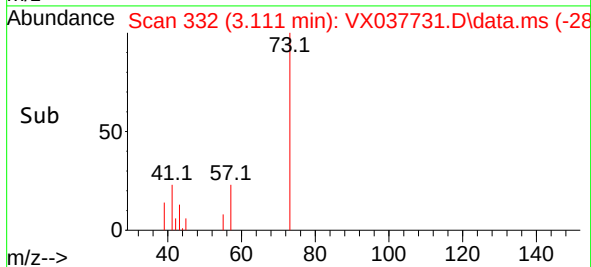
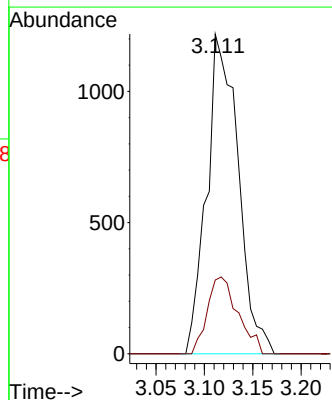
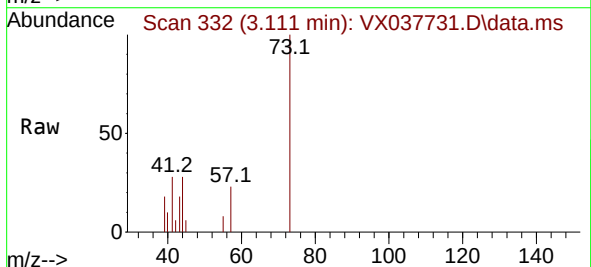
Instrument :
MSVOA_X
ClientSampleId :
MW-15-0912

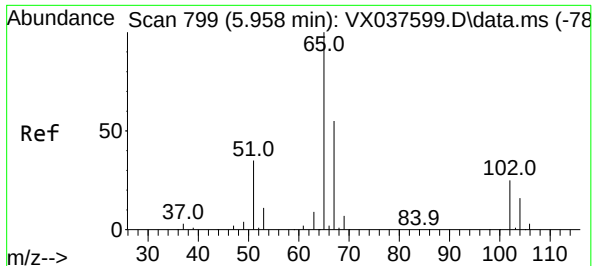
Tgt Ion:168 Resp: 257103
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 0.263 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

Tgt Ion: 73 Resp: 2748
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9





#33

1,2-Dichloroethane-d4

Concen: 40.155 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037731.D

Acq: 14 Sep 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

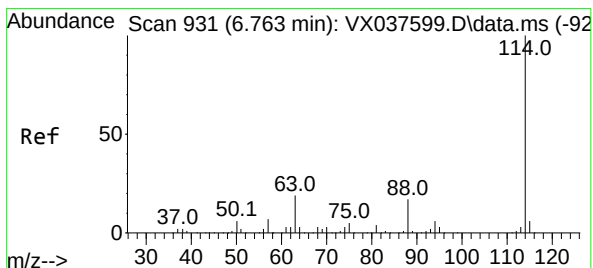
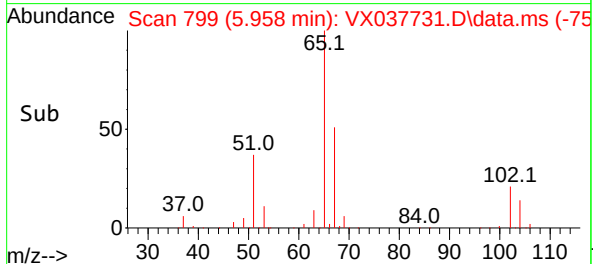
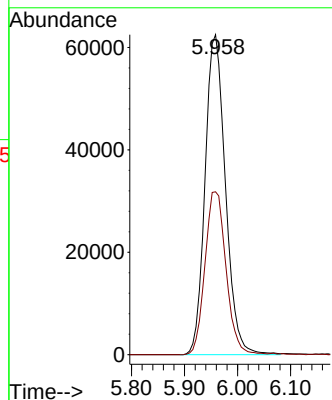
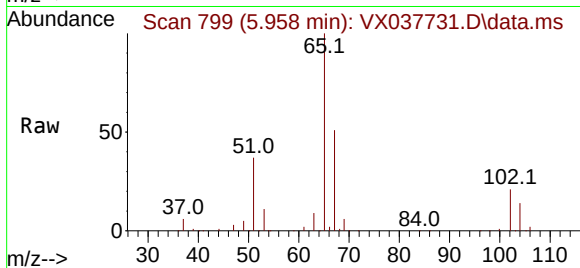
MW-15-0912

Tgt Ion: 65 Resp: 167033

Ion Ratio Lower Upper

65 100

67 52.6 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: VX037731.D

Acq: 14 Sep 2023 16:14

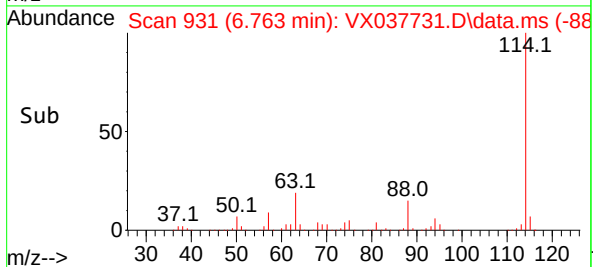
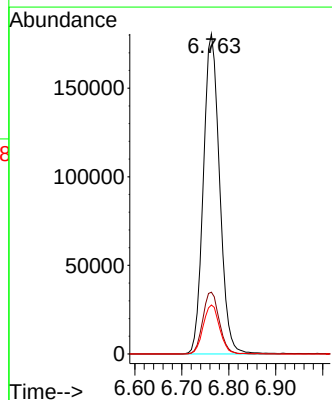
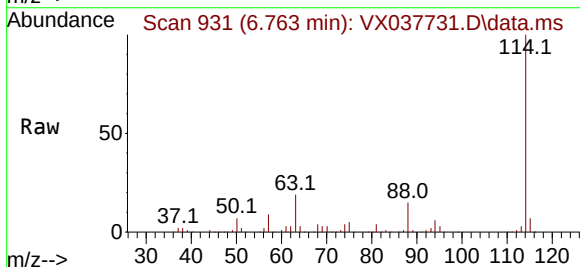
Tgt Ion: 114 Resp: 433289

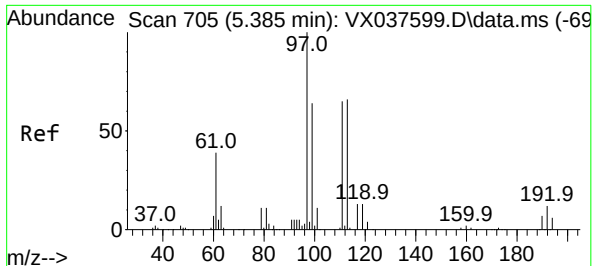
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.766 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037731.D

Acq: 14 Sep 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

MW-15-0912

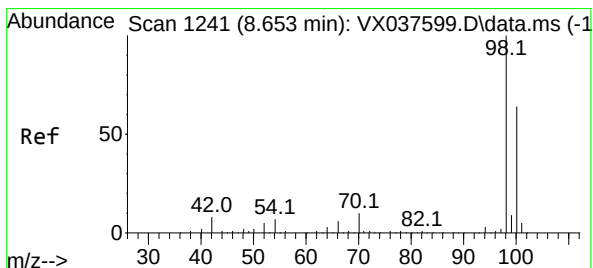
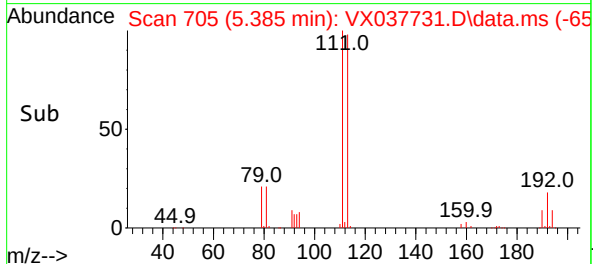
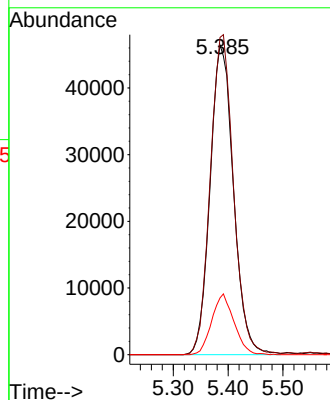
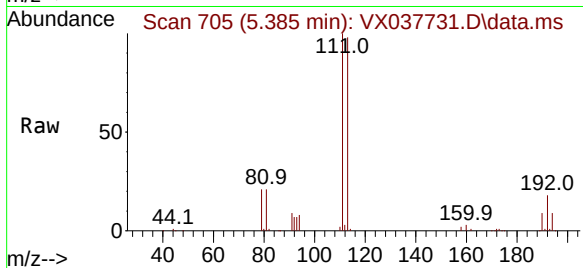
Tgt Ion:113 Resp: 137485

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 18.7 13.3 19.9



#50

Toluene-d8

Concen: 45.114 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX037731.D

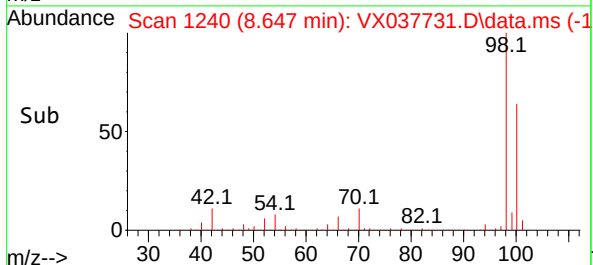
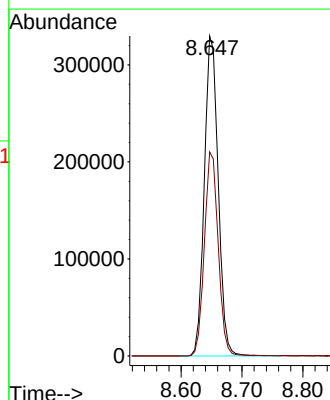
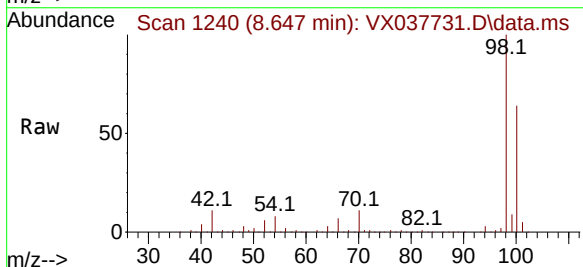
Acq: 14 Sep 2023 16:14

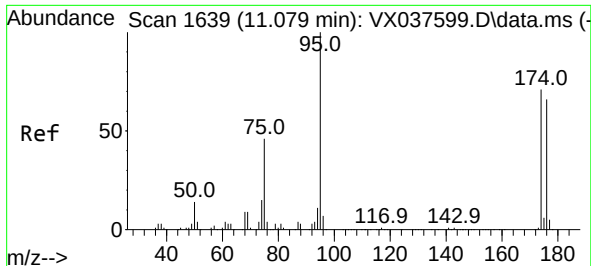
Tgt Ion: 98 Resp: 522544

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7

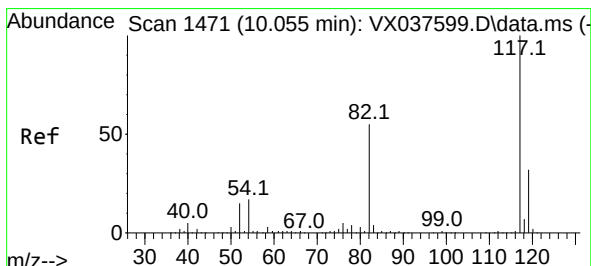
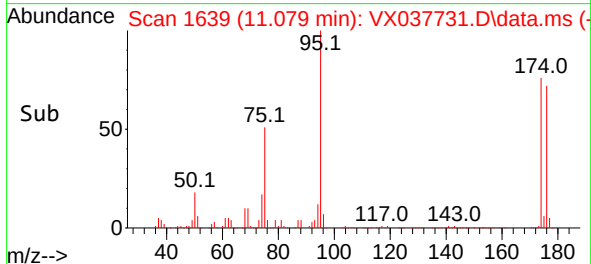
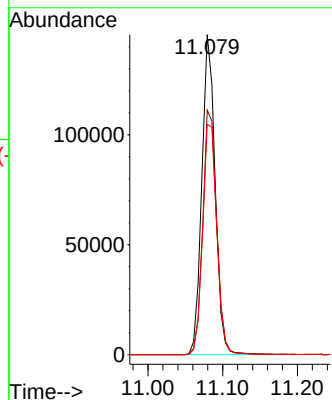
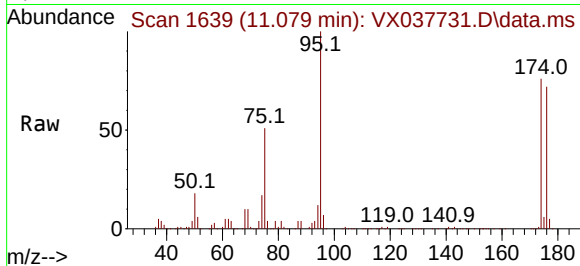




#62
4-Bromofluorobenzene
Concen: 43.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

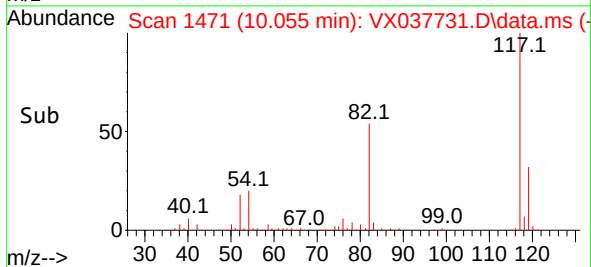
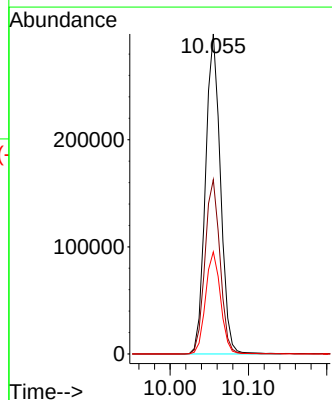
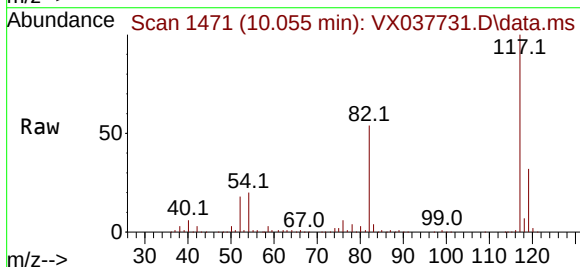
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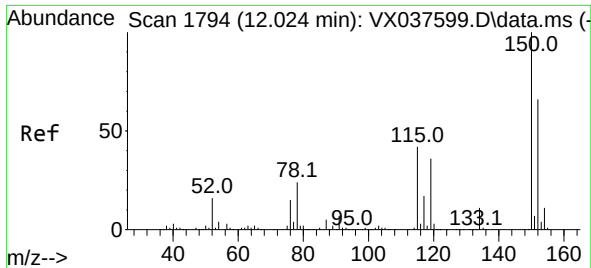
Tgt Ion: 95 Resp: 179928
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 76.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

Tgt Ion: 117 Resp: 395583
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 31.9 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: VX037731.D
 Acq: 14 Sep 2023 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15-0912

Tgt Ion:152 Resp: 168567
 Ion Ratio Lower Upper
 152 100
 115 60.1 43.3 129.9
 150 157.2 0.0 345.0

