

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034932.D
 Acq On : 03 Apr 2023 15:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 03 21:38:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

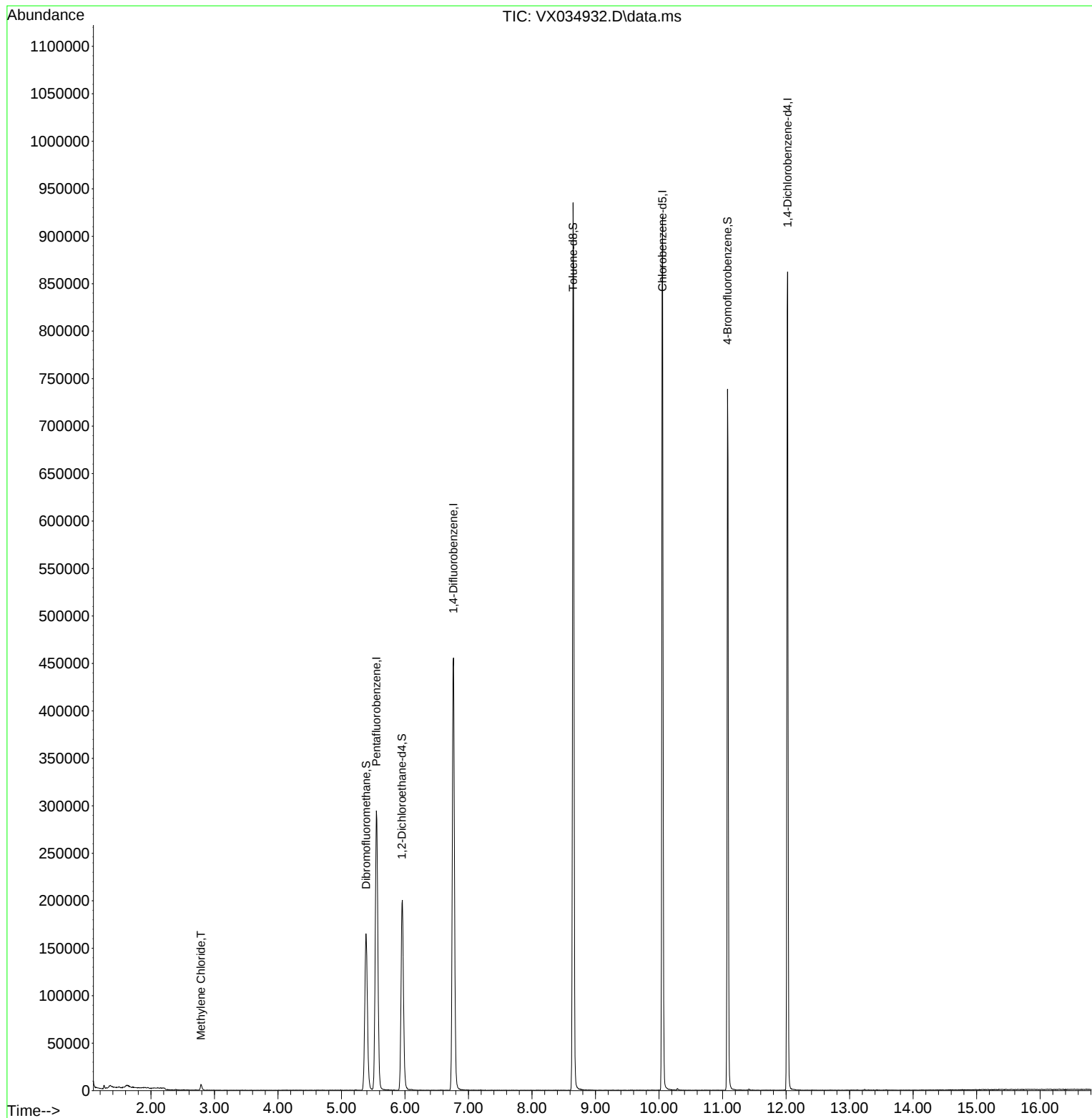
Internal Standards						
1) Pentafluorobenzene	5.550	168	263701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	202258	50.152	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	100.300%	
35) Dibromofluoromethane	5.385	113	141584	47.228	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.460%	
50) Toluene-d8	8.647	98	537807	48.602	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.200%	
62) 4-Bromofluorobenzene	11.079	95	202513	47.293	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	94.580%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	2565	0.793	ug/l	# 93

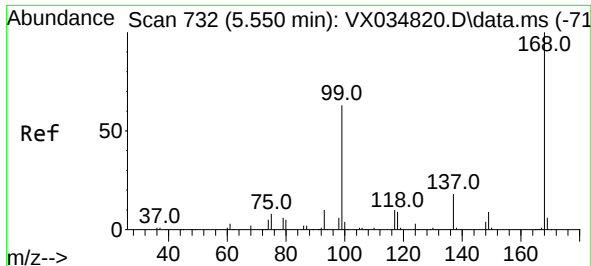
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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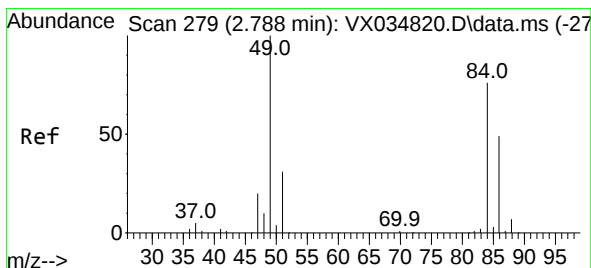
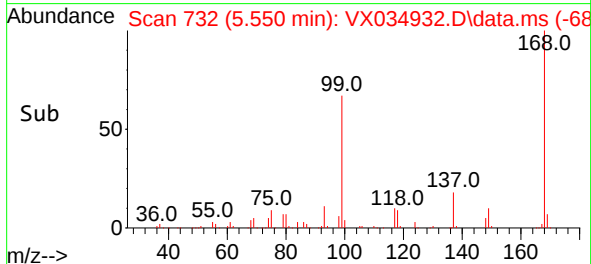
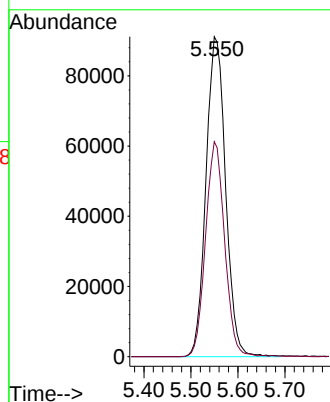
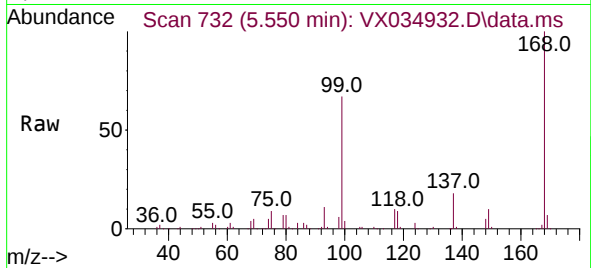




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX034932.D
Acq: 03 Apr 2023 15:10

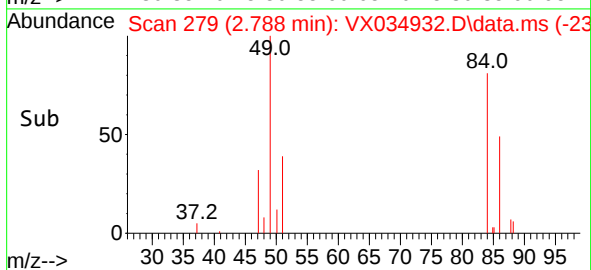
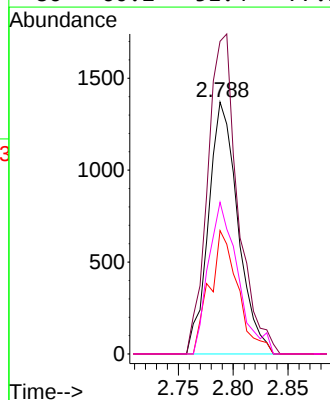
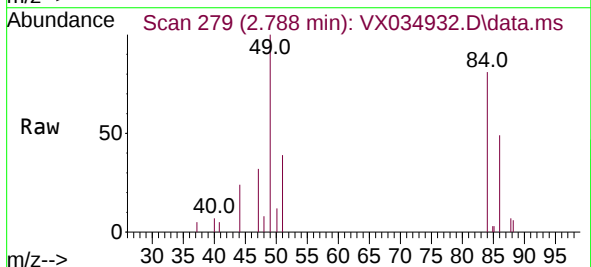
Instrument :
MSVOA_X
ClientSampleId :
IBLK

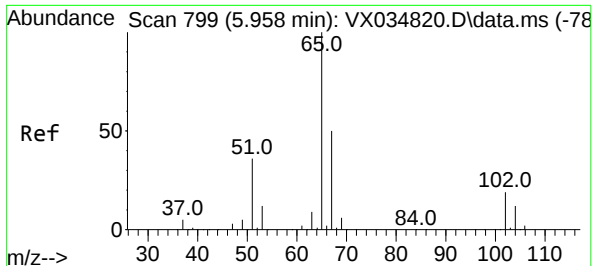
Tgt Ion:168 Resp: 263701
Ion Ratio Lower Upper
168 100
99 67.2 45.7 68.5



#20
Methylene Chloride
Concen: 0.793 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034932.D
Acq: 03 Apr 2023 15:10

Tgt Ion: 84 Resp: 2565
Ion Ratio Lower Upper
84 100
49 124.2 103.8 155.8
51 49.0 31.8 47.8#
86 60.2 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 50.152 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034932.D

Acq: 03 Apr 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

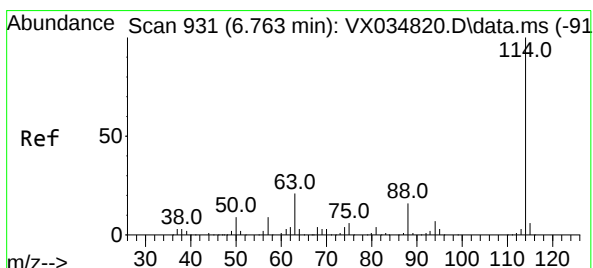
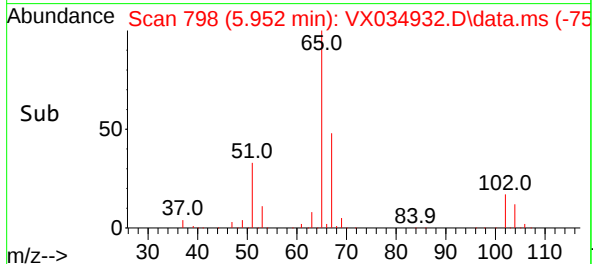
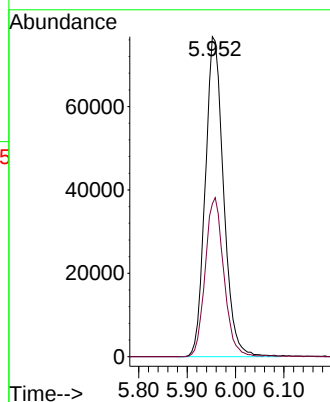
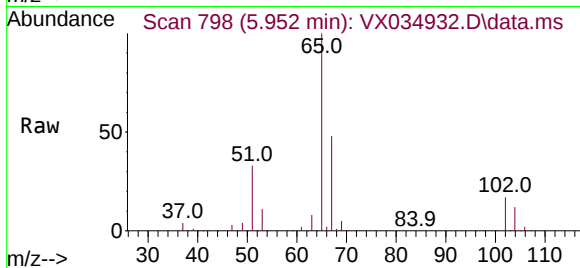
IBLK

Tgt Ion: 65 Resp: 202258

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034932.D

Acq: 03 Apr 2023 15:10

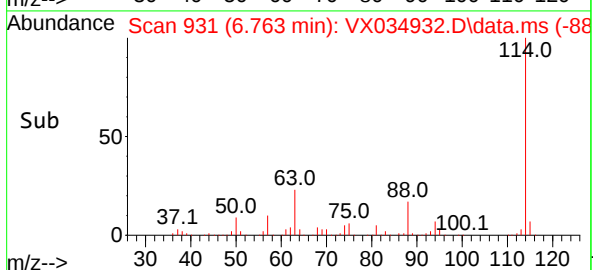
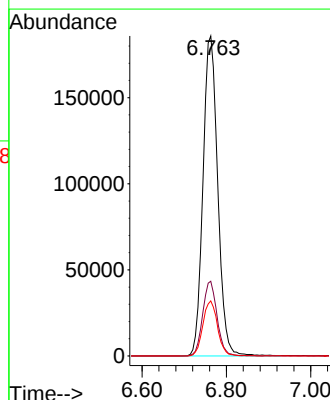
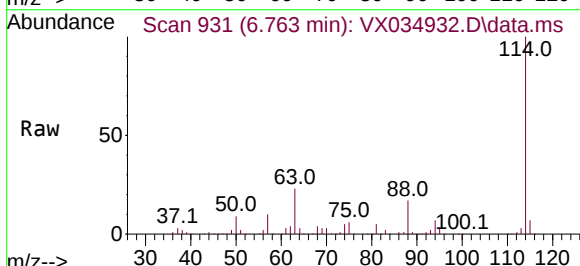
Tgt Ion: 114 Resp: 453254

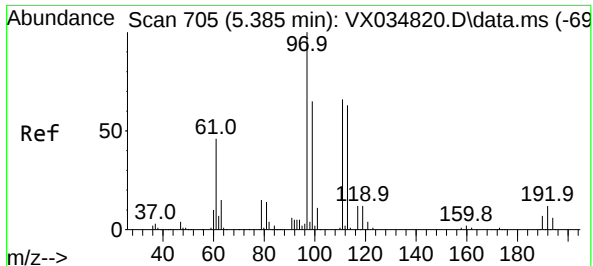
Ion Ratio Lower Upper

114 100

63 23.4 0.0 42.2

88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.228 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034932.D

Acq: 03 Apr 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

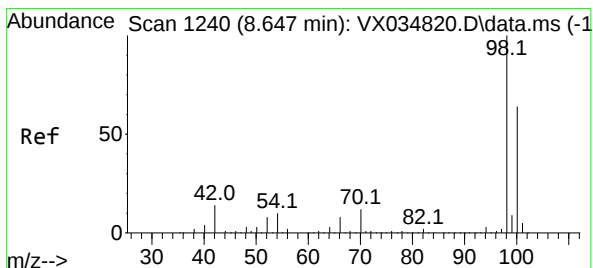
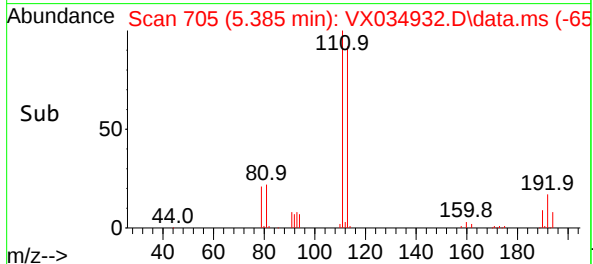
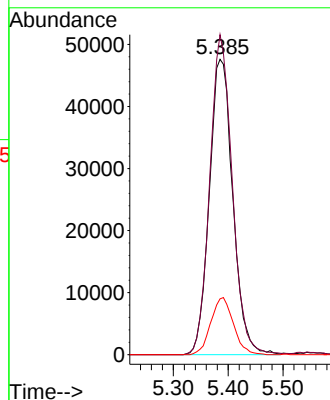
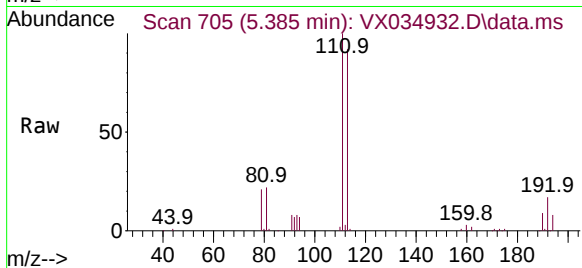
Tgt Ion:113 Resp: 141584

Ion Ratio Lower Upper

113 100

111 103.9 83.7 125.5

192 18.6 15.4 23.2



#50

Toluene-d8

Concen: 48.602 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034932.D

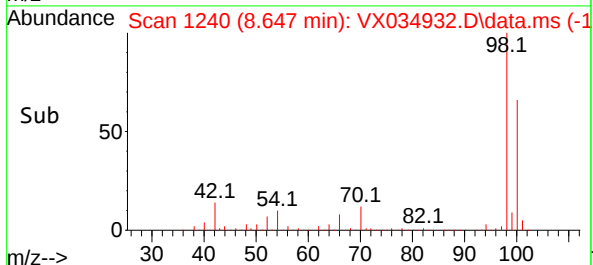
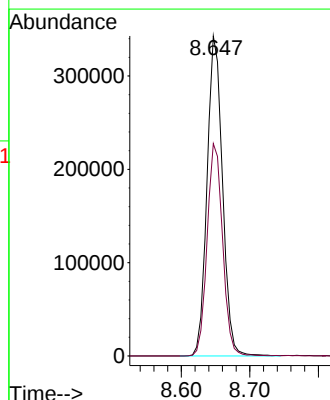
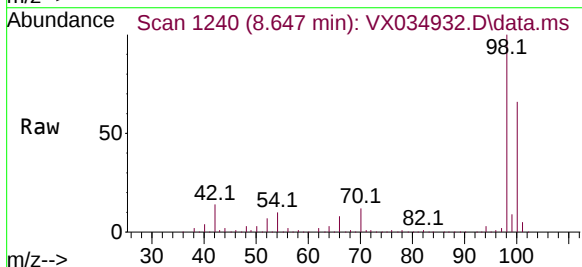
Acq: 03 Apr 2023 15:10

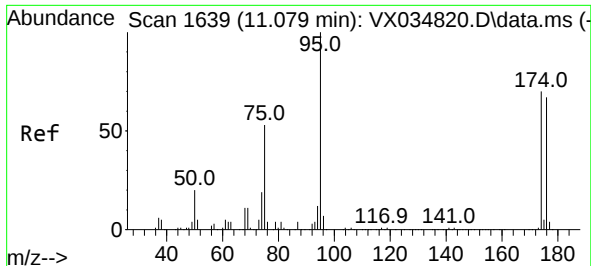
Tgt Ion: 98 Resp: 537807

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 47.293 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034932.D

Acq: 03 Apr 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

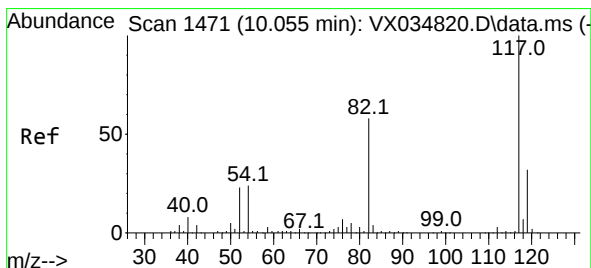
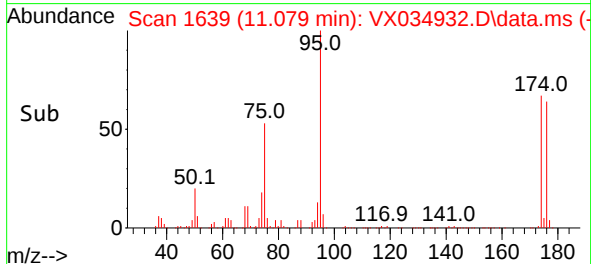
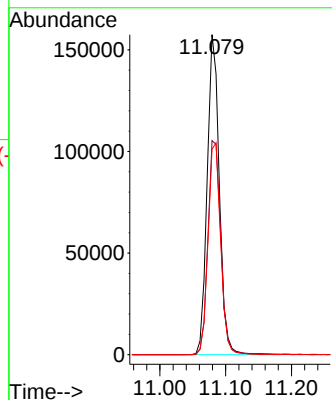
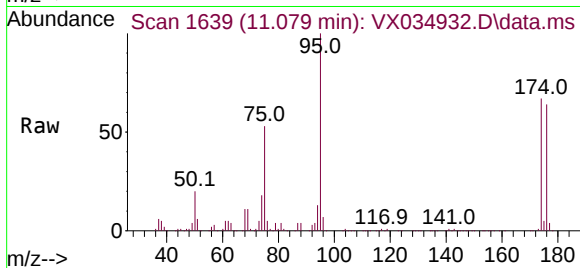
Tgt Ion: 95 Resp: 202513

Ion Ratio Lower Upper

95 100

174 70.7 0.0 147.4

176 68.4 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034932.D

Acq: 03 Apr 2023 15:10

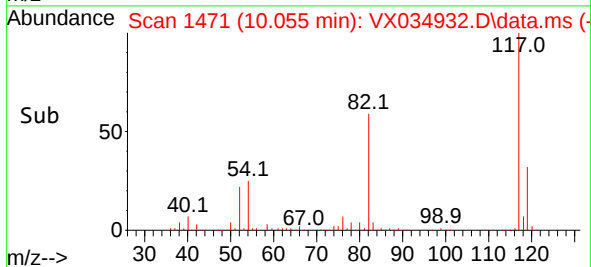
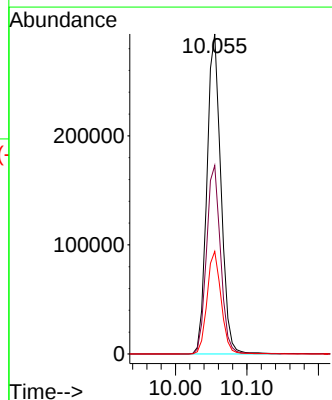
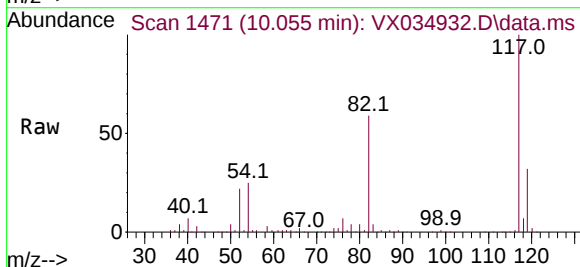
Tgt Ion: 117 Resp: 399439

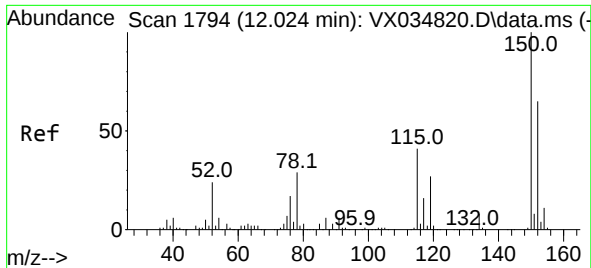
Ion Ratio Lower Upper

117 100

82 58.9 45.0 67.4

119 32.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034932.D

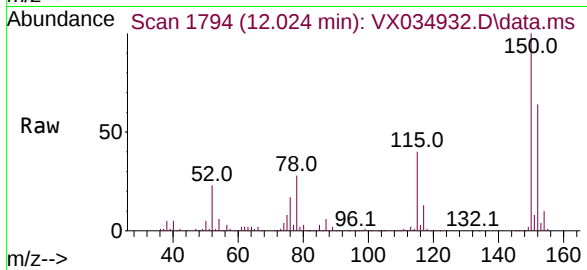
Acq: 03 Apr 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 175947

Ion Ratio Lower Upper

152 100

115 62.6 45.0 135.0

150 157.0 0.0 352.4

