

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036758.D
 Acq On : 01 Aug 2023 19:03
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 02 06:27:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

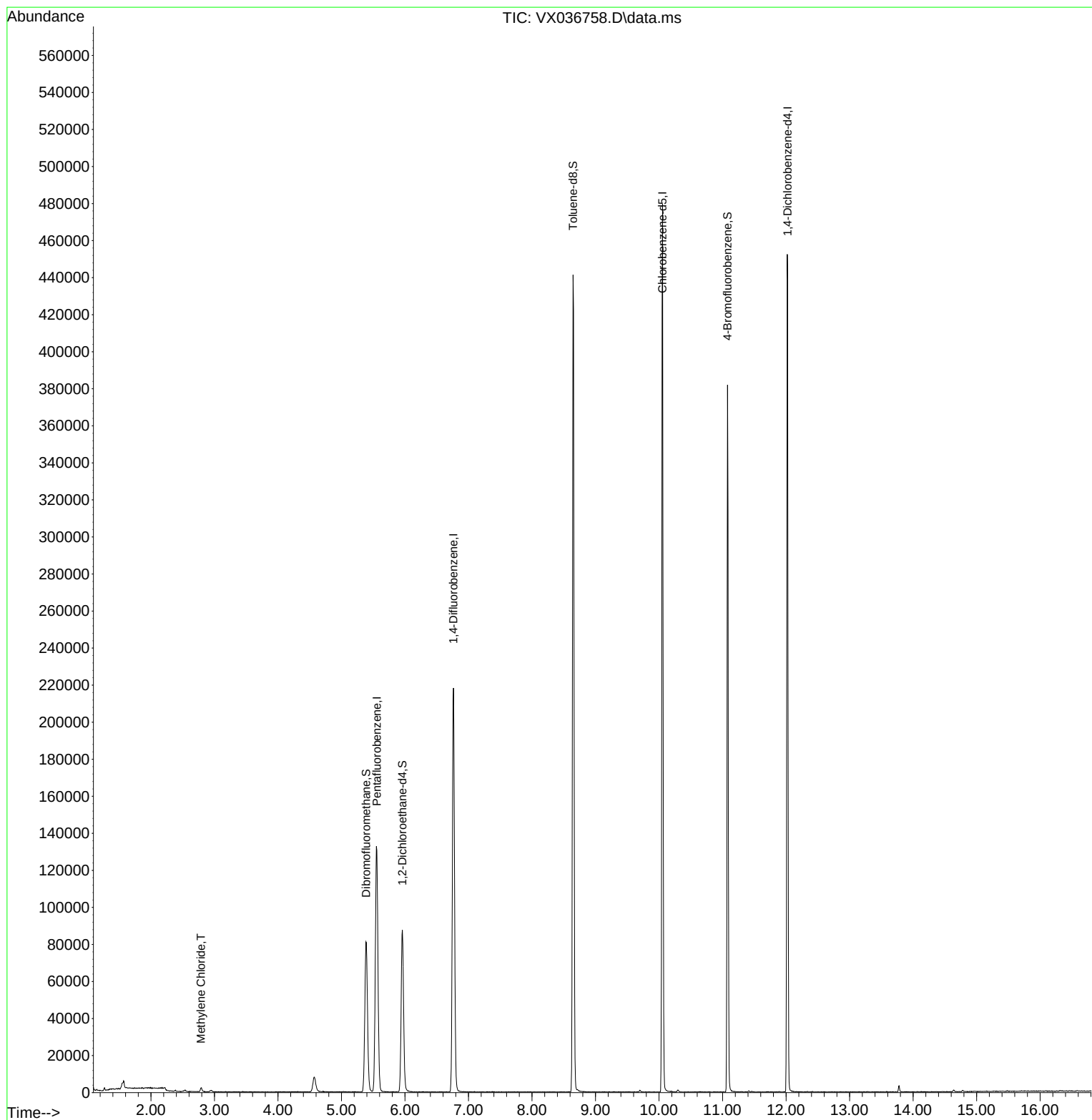
Internal Standards						
1) Pentafluorobenzene	5.556	168	123762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84258	46.011	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.020%
35) Dibromofluoromethane	5.385	113	71426	46.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.400%
50) Toluene-d8	8.647	98	269530	49.159	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	100882	48.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						Qvalue
20) Methylene Chloride	2.788	84	1126	0.666	ug/l #	76

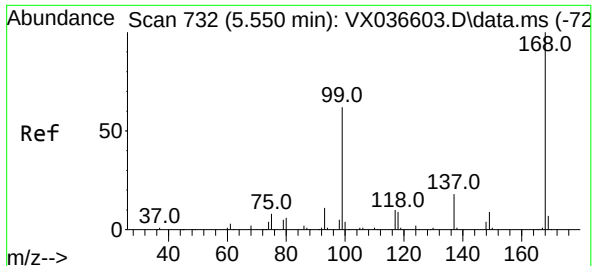
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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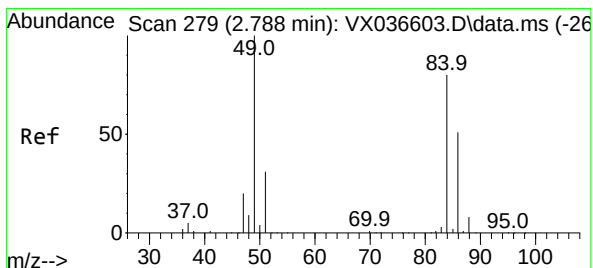
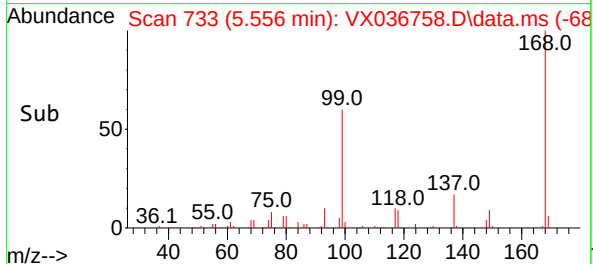
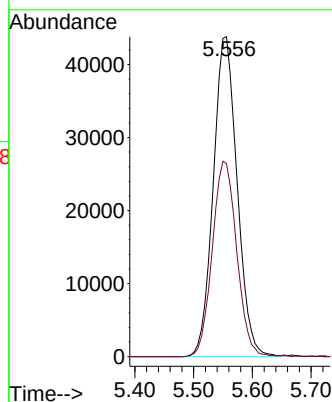
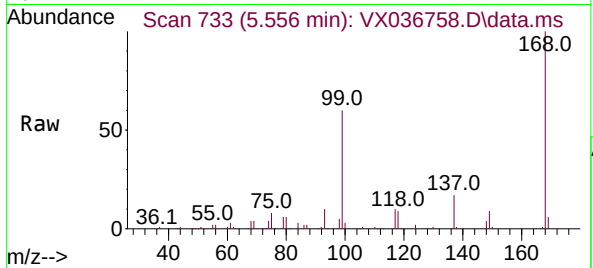




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

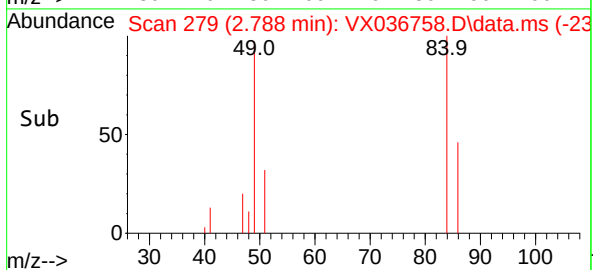
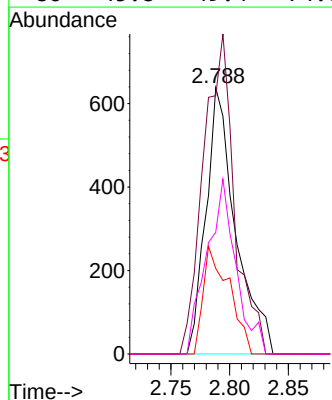
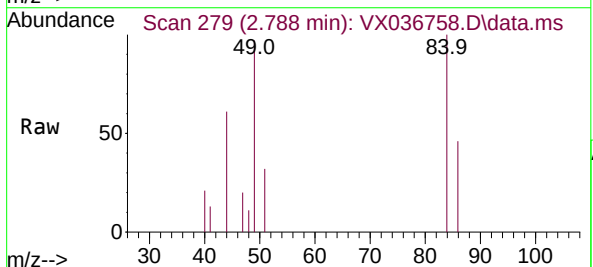
Instrument :
MSVOA_X
ClientSampleId :
IBLK

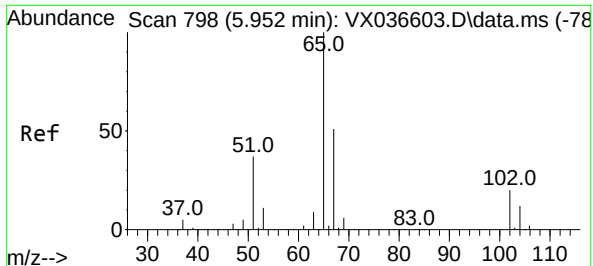
Tgt Ion:168 Resp: 123762
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#20
Methylene Chloride
Concen: 0.666 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

Tgt Ion: 84 Resp: 1126
Ion Ratio Lower Upper
84 100
49 97.0 103.6 155.4#
51 32.1 33.8 50.6#
86 45.8 49.4 74.0#





#33

1,2-Dichloroethane-d4

Concen: 46.011 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036758.D

Acq: 01 Aug 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

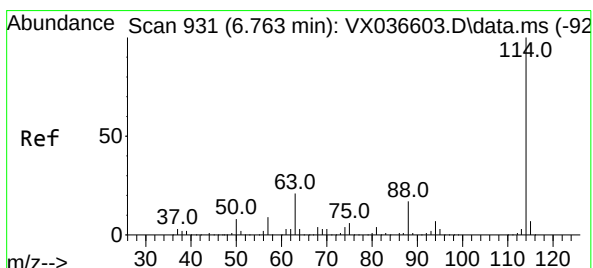
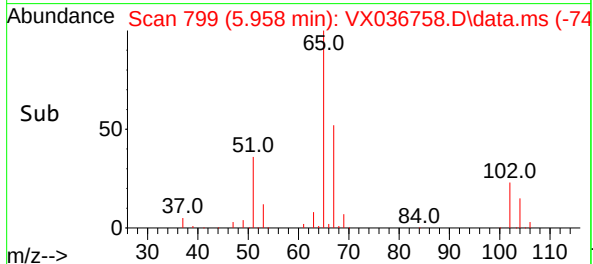
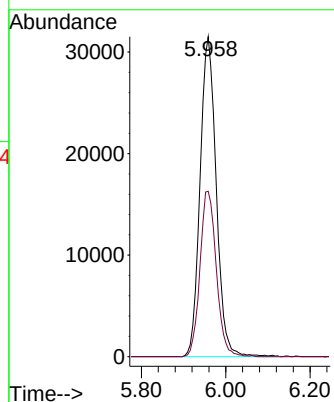
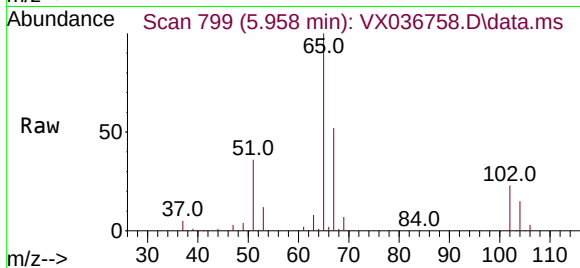
IBLK

Tgt Ion: 65 Resp: 84258

Ion Ratio Lower Upper

65 100

67 52.2 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: VX036758.D

Acq: 01 Aug 2023 19:03

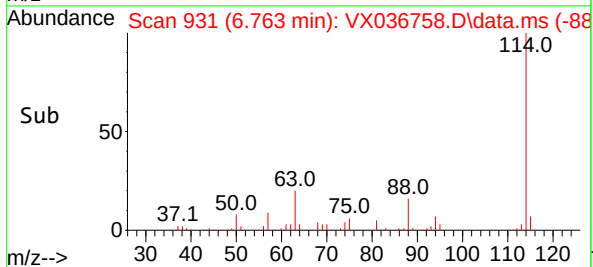
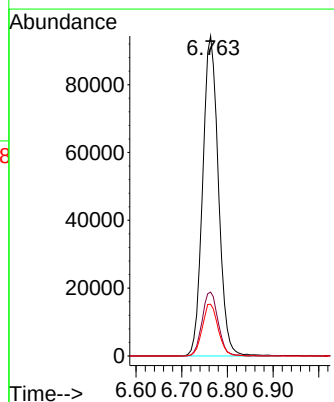
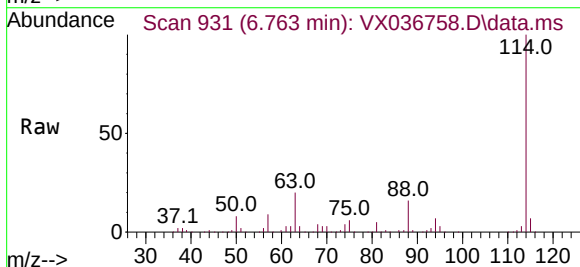
Tgt Ion: 114 Resp: 224939

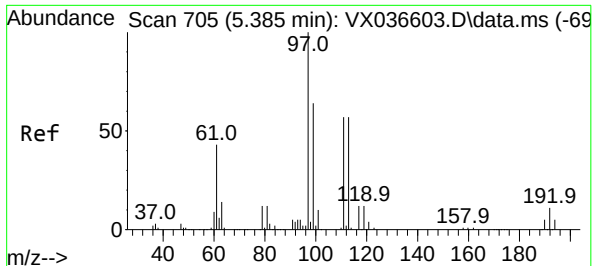
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.197 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036758.D

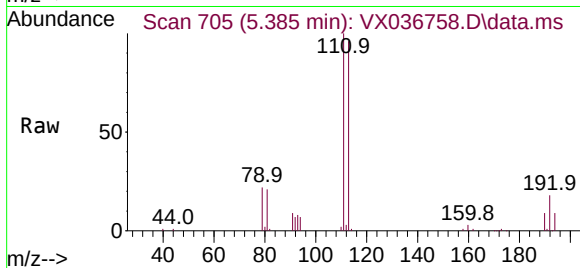
Acq: 01 Aug 2023 19:03

Instrument :

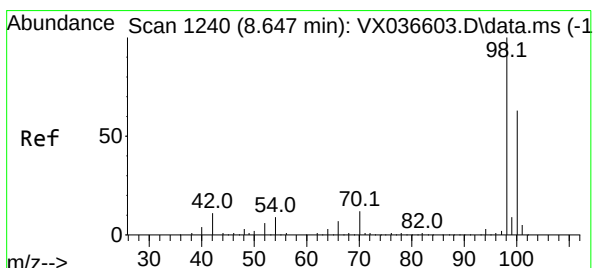
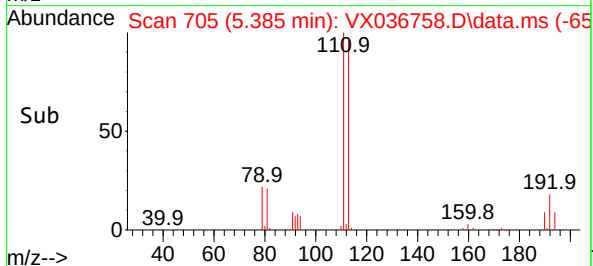
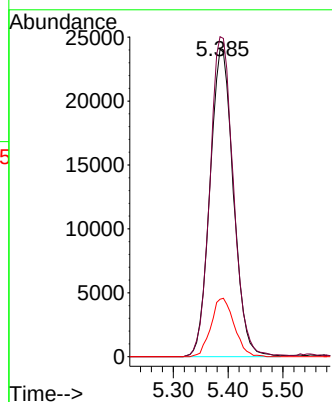
MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:	113	Resp:	71426
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.9	124.3
192	18.8	13.3	19.9



#50

Toluene-d8

Concen: 49.159 ug/l

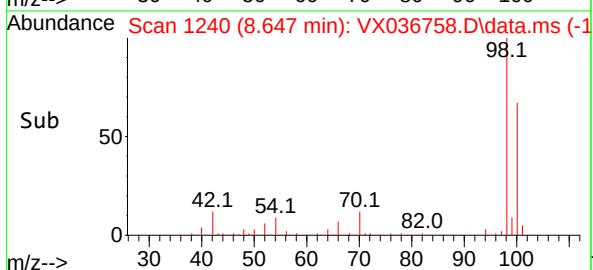
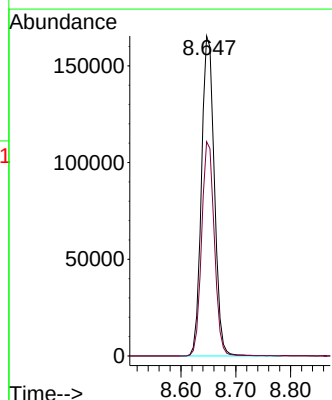
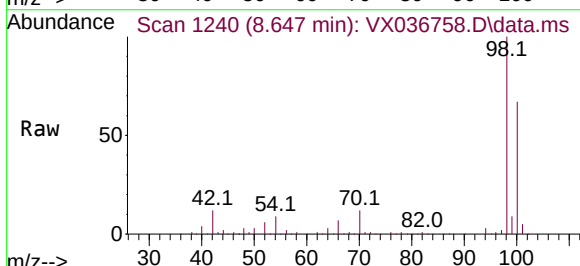
RT: 8.647 min Scan# 1240

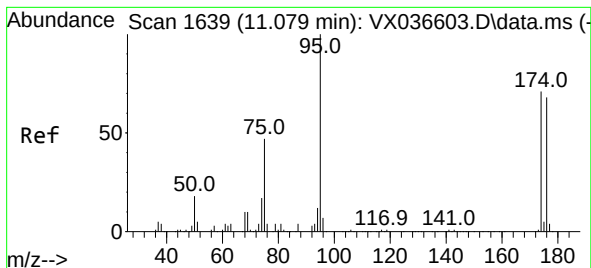
Delta R.T. 0.000 min

Lab File: VX036758.D

Acq: 01 Aug 2023 19:03

Tgt Ion:	98	Resp:	269530
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7

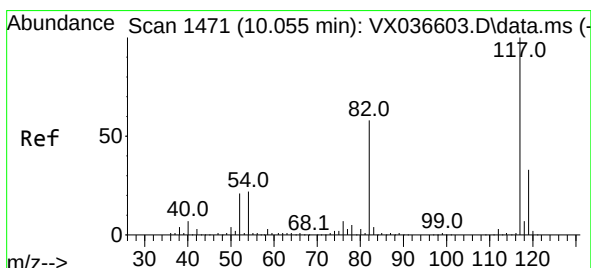
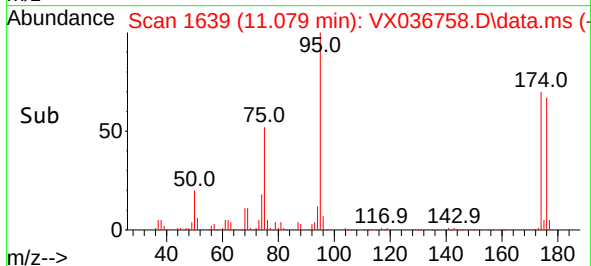
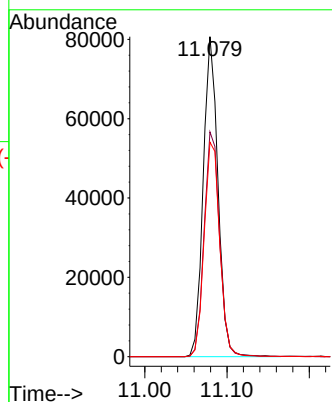
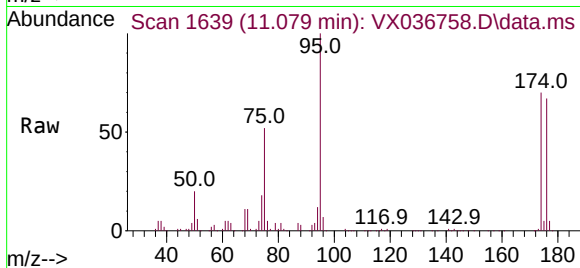




#62
4-Bromofluorobenzene
Concen: 48.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

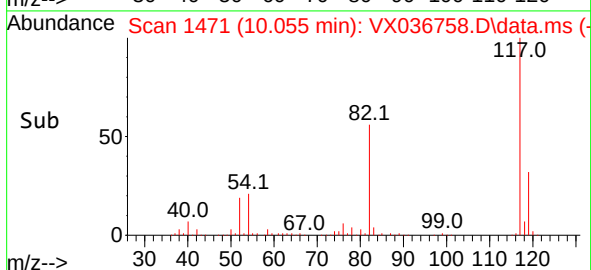
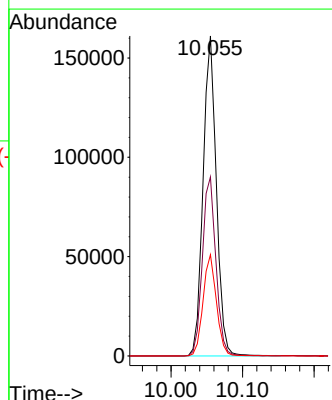
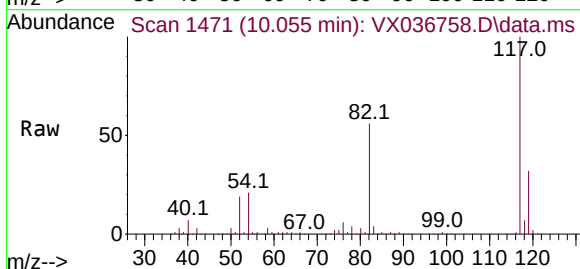
Instrument :
MSVOA_X
ClientSampleId :
IBLK

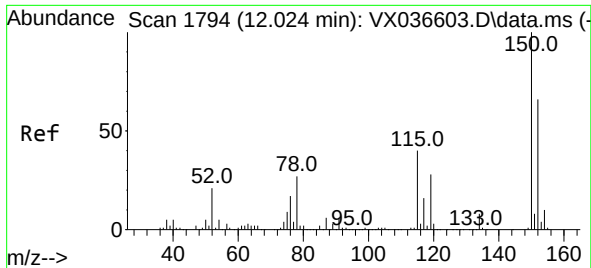
Tgt Ion: 95 Resp: 100882
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

Tgt Ion: 117 Resp: 207704
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.6 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: VX036758.D

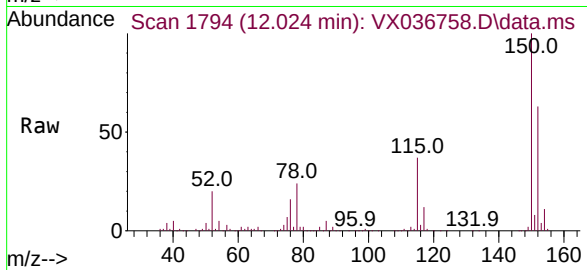
Acq: 01 Aug 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 94473

Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 156.5 0.0 345.0

