

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037895.D
 Acq On : 25 Sep 2023 14:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 26 06:58:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

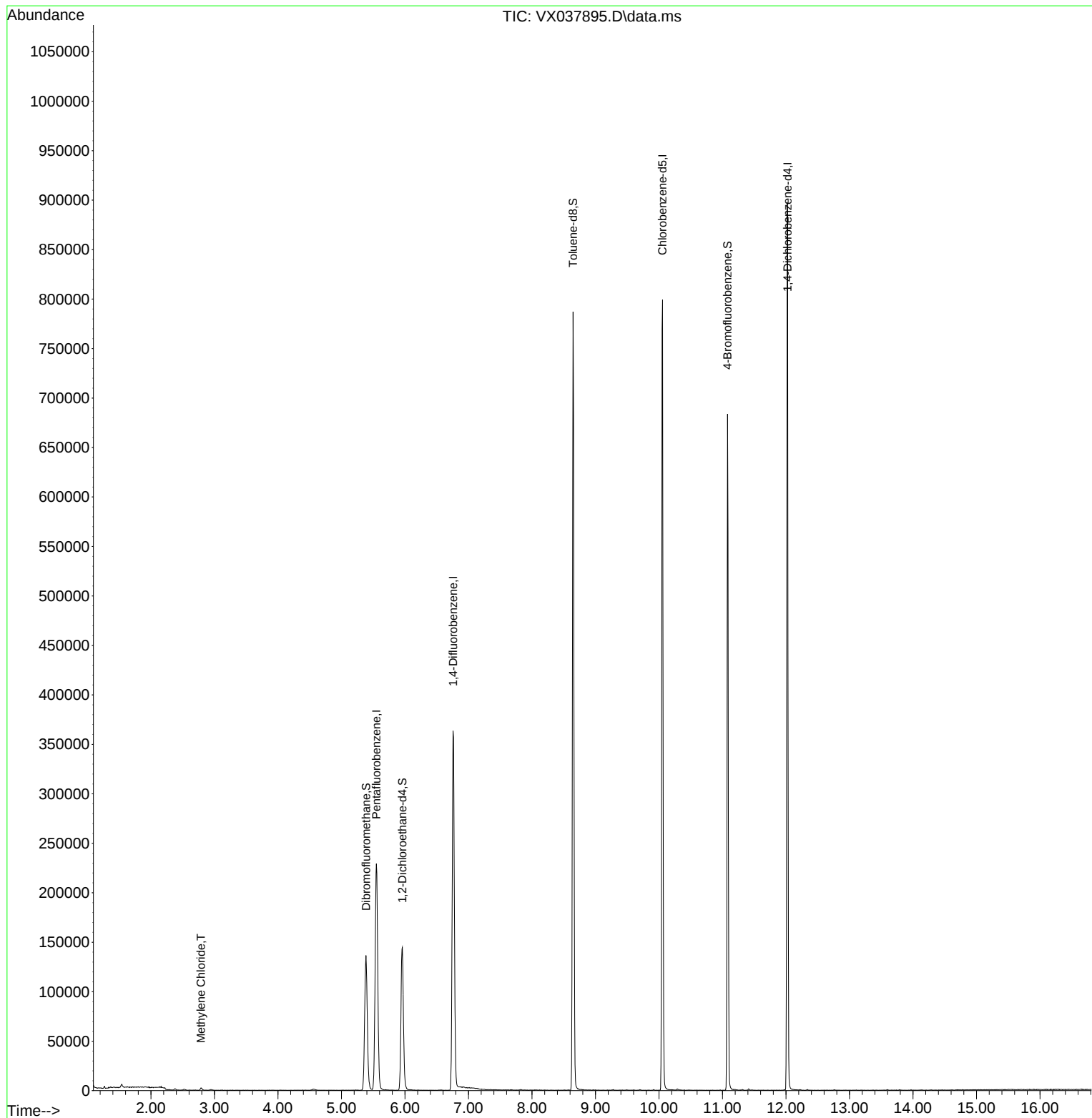
Internal Standards						
1) Pentafluorobenzene	5.550	168	222421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	383181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140585	48.108	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.220%
35) Dibromofluoromethane	5.385	113	117945	46.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	8.647	98	472866	49.637	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.280%
62) 4-Bromofluorobenzene	11.079	95	174855	50.511	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.020%
Target Compounds						
20) Methylene Chloride	2.788	84	1263	0.461	ug/l	88

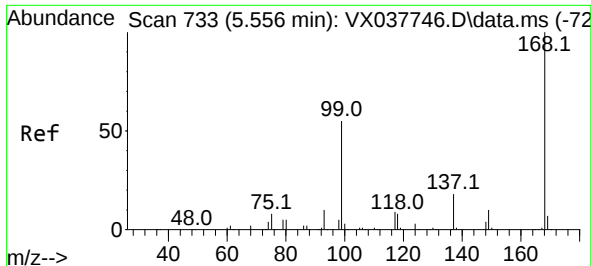
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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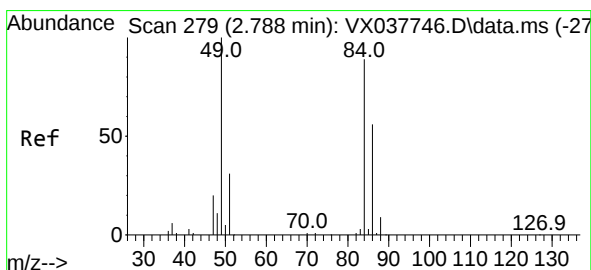
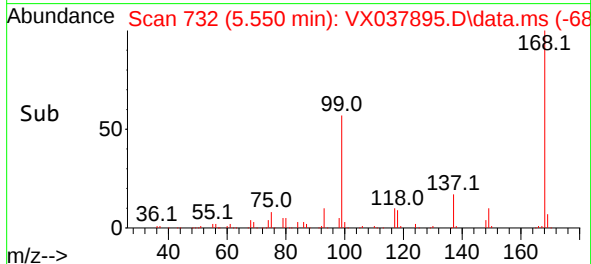
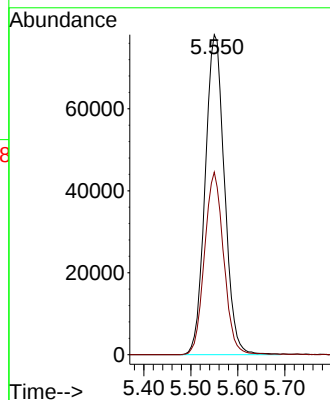
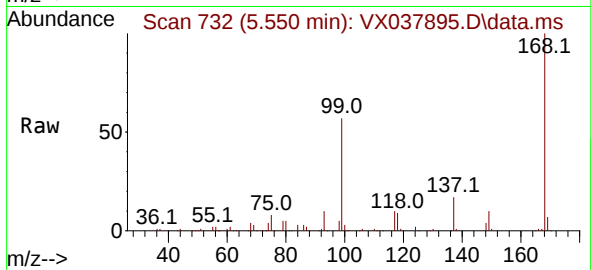




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037895.D
Acq: 25 Sep 2023 14:44

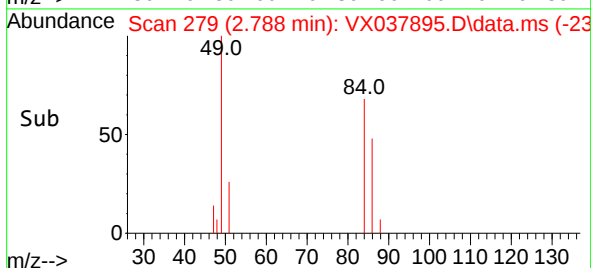
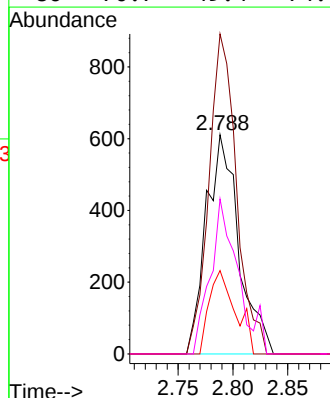
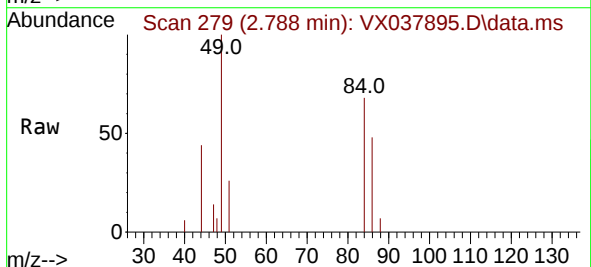
Instrument :
MSVOA_X
ClientSampleId :
IBLK

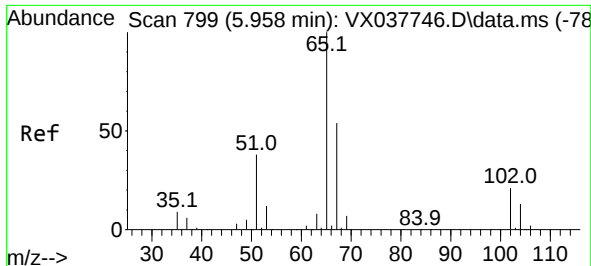
Tgt Ion:168 Resp: 222421
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#20
Methylene Chloride
Concen: 0.461 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037895.D
Acq: 25 Sep 2023 14:44

Tgt Ion: 84 Resp: 1263
Ion Ratio Lower Upper
84 100
49 146.0 103.6 155.4
51 38.0 33.8 50.6
86 70.7 49.4 74.0

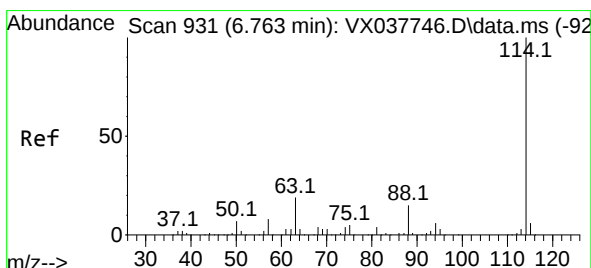
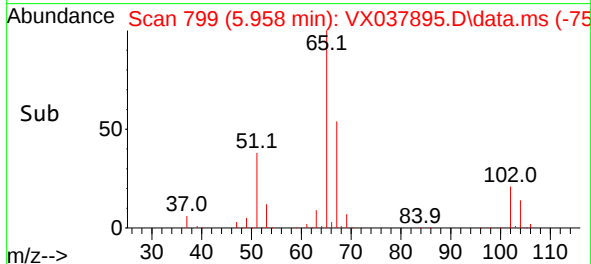
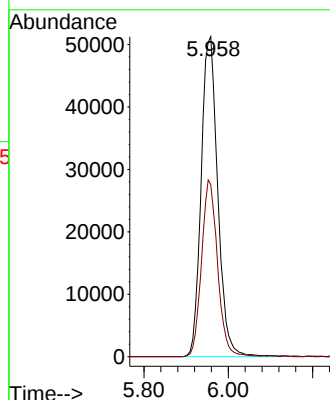
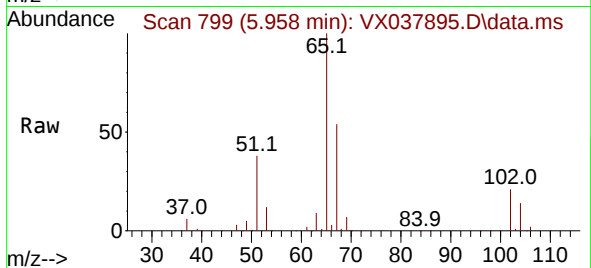




#33
1,2-Dichloroethane-d4
Concen: 48.108 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037895.D
Acq: 25 Sep 2023 14:44

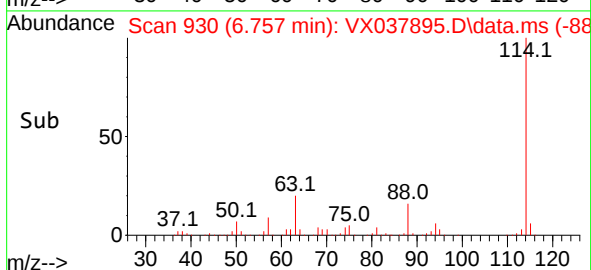
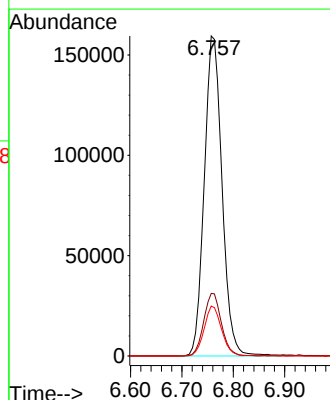
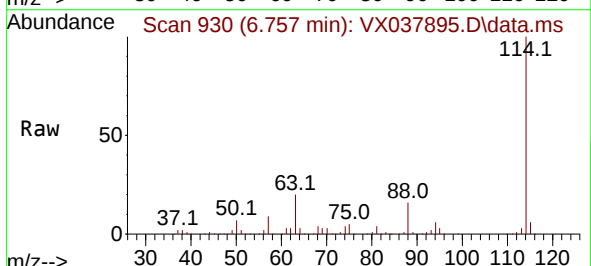
Instrument :
MSVOA_X
ClientSampleId :
IBLK

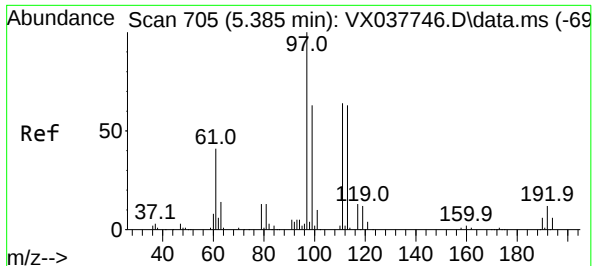
Tgt Ion: 65 Resp: 140585
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX037895.D
Acq: 25 Sep 2023 14:44

Tgt Ion: 114 Resp: 383181
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.002 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037895.D

Acq: 25 Sep 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

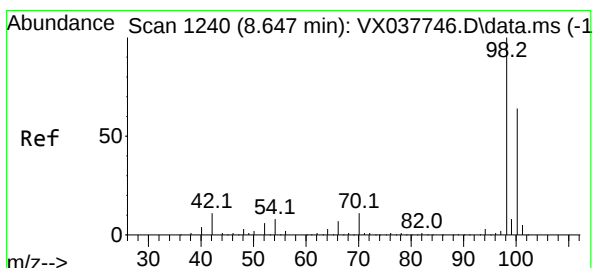
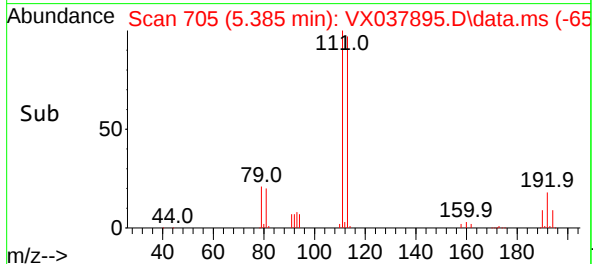
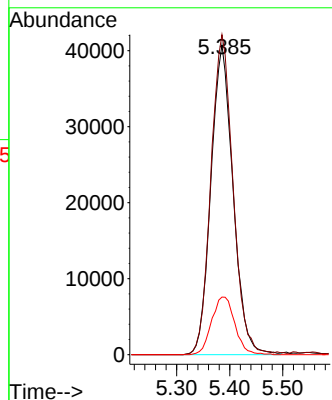
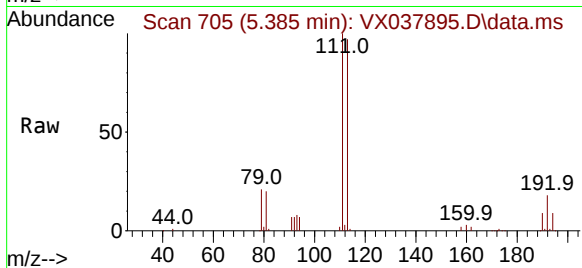
Tgt Ion:113 Resp: 117945

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 19.6 13.3 19.9



#50

Toluene-d8

Concen: 49.637 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037895.D

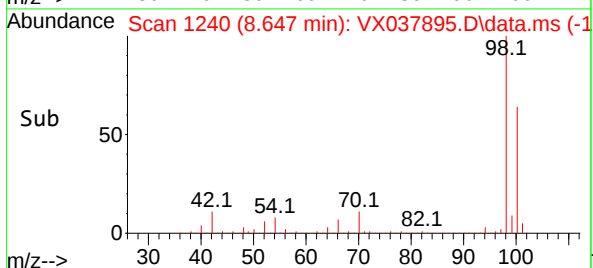
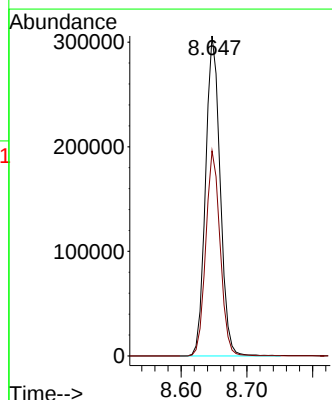
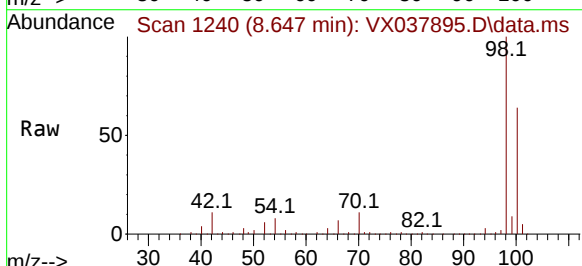
Acq: 25 Sep 2023 14:44

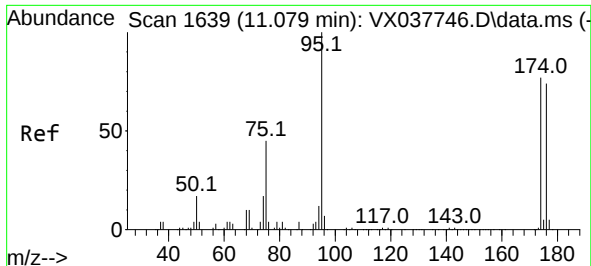
Tgt Ion: 98 Resp: 472866

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.511 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037895.D

Acq: 25 Sep 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

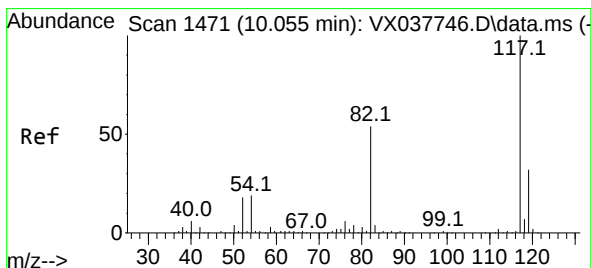
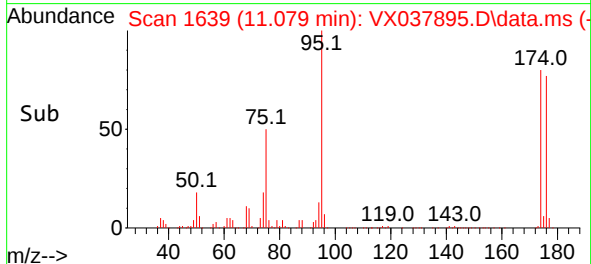
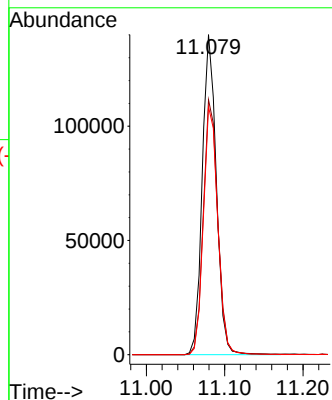
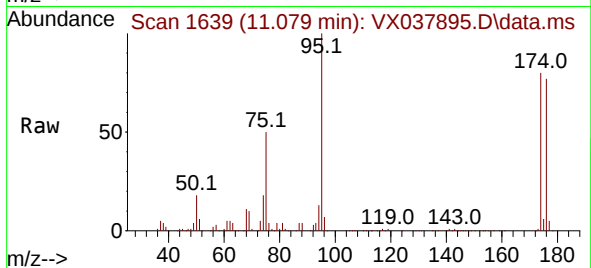
Tgt Ion: 95 Resp: 174855

Ion Ratio Lower Upper

95 100

174 81.7 0.0 135.6

176 79.3 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: VX037895.D

Acq: 25 Sep 2023 14:44

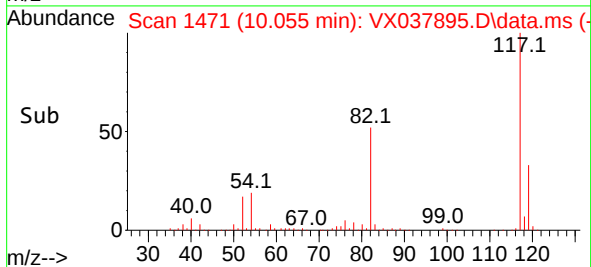
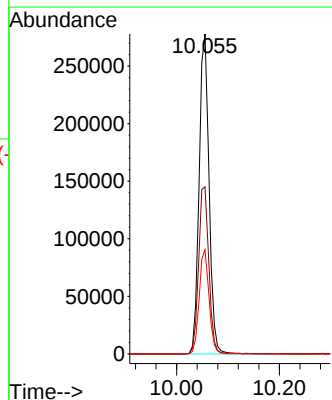
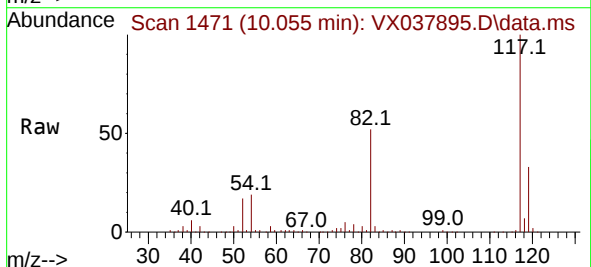
Tgt Ion: 117 Resp: 371778

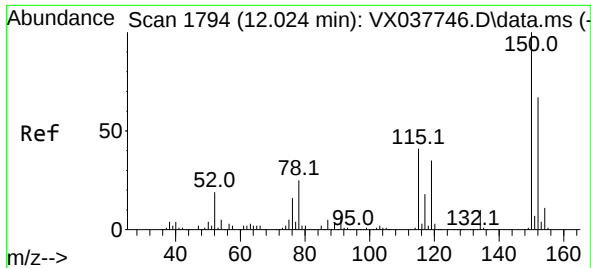
Ion Ratio Lower Upper

117 100

82 52.2 46.2 69.4

119 32.5 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: VX037895.D

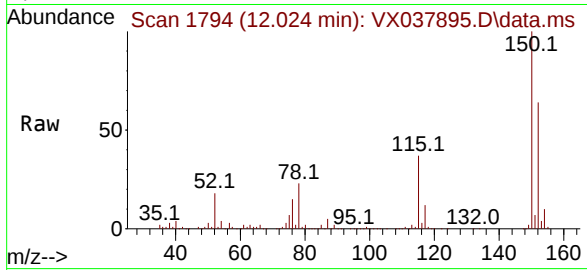
Acq: 25 Sep 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 188620

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 157.5 0.0 345.0

