

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
 Data File : VX036390.D
 Acq On : 30 Jun 2023 13:26
 Operator : JC/MD
 Sample : 03494-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 01 01:21:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	179742	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	301203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114066	44.272	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.540%
35) Dibromofluoromethane	5.385	113	93617	47.137	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.280%
50) Toluene-d8	8.647	98	354013	47.724	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.440%
62) 4-Bromofluorobenzene	11.079	95	123909	47.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.840%

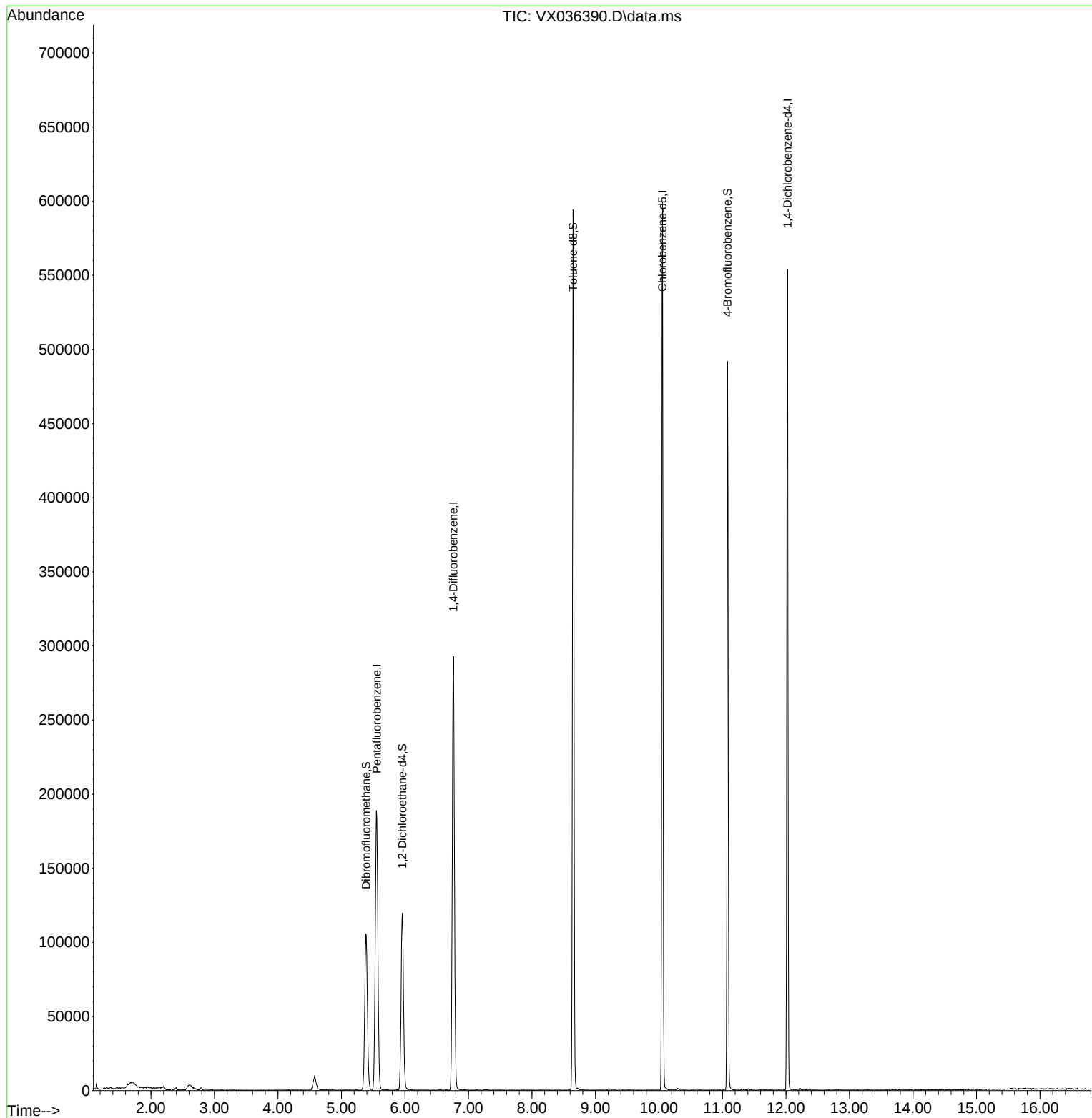
Target Compounds Qvalue

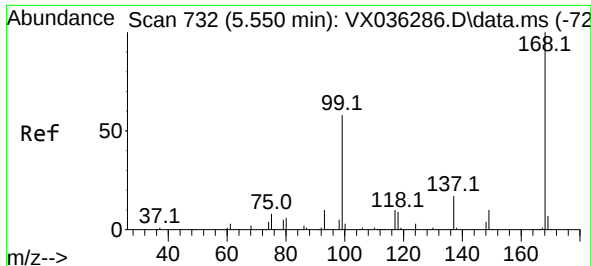
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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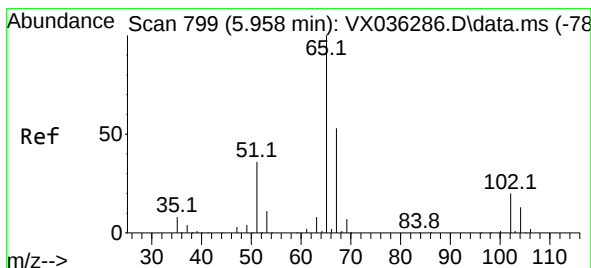
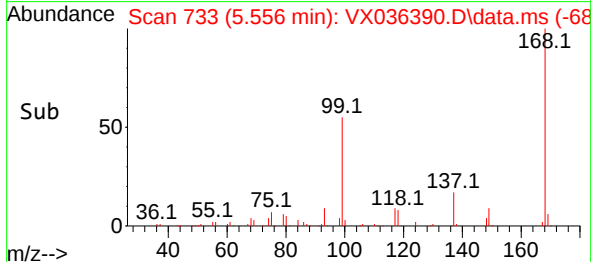
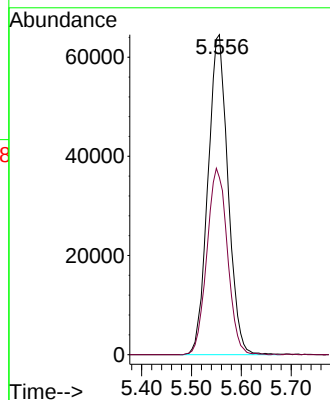
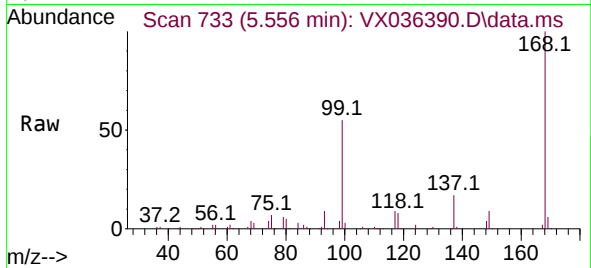




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

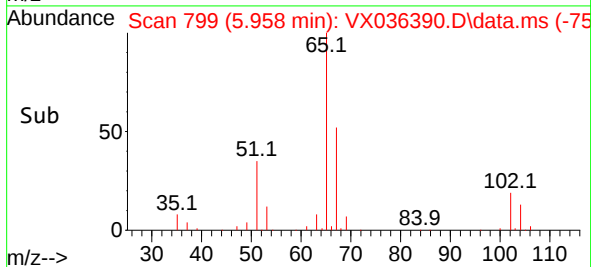
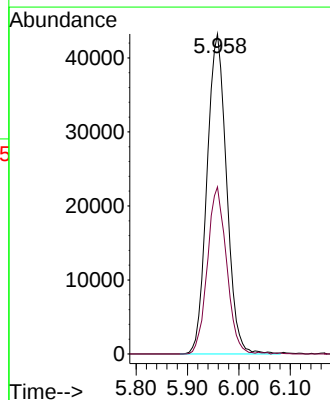
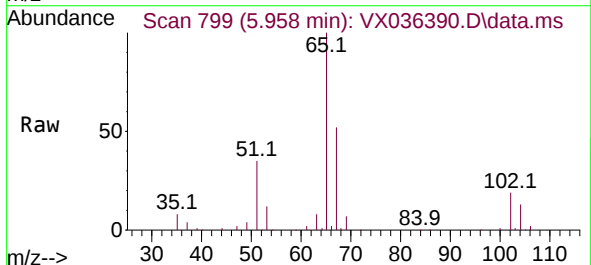
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

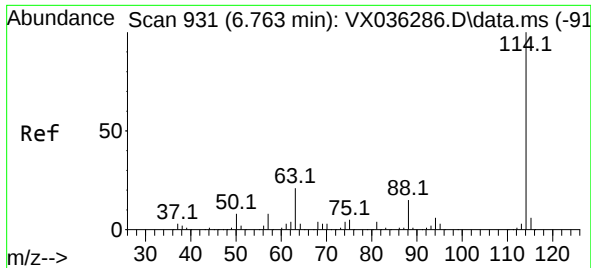
Tgt Ion:168 Resp: 179742
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 44.272 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

Tgt Ion: 65 Resp: 114066
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

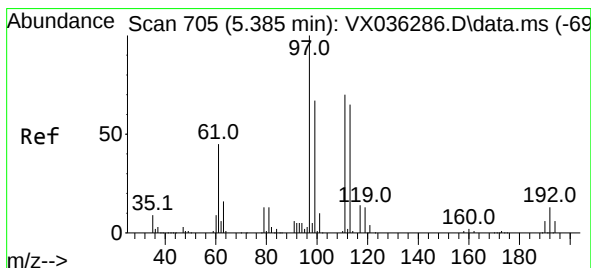
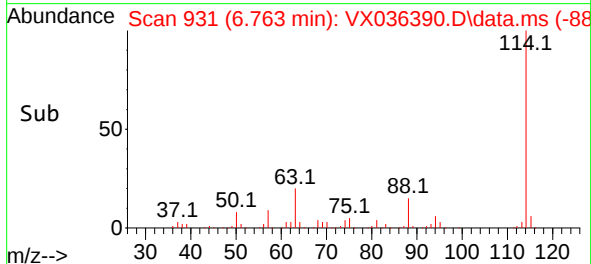
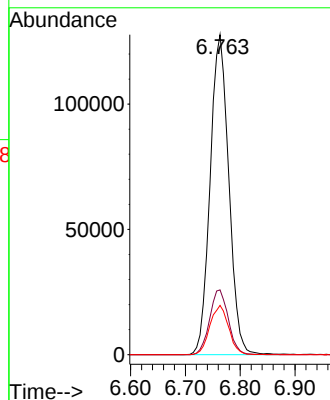
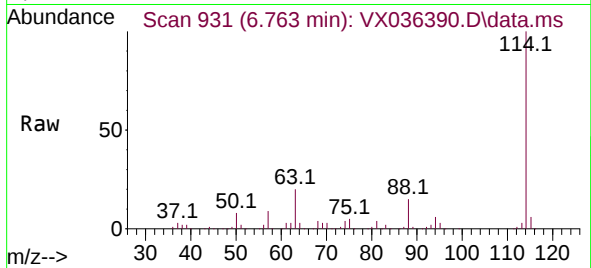




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

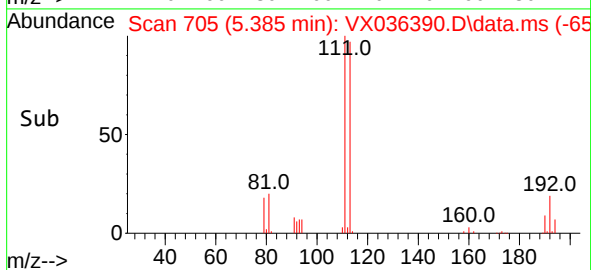
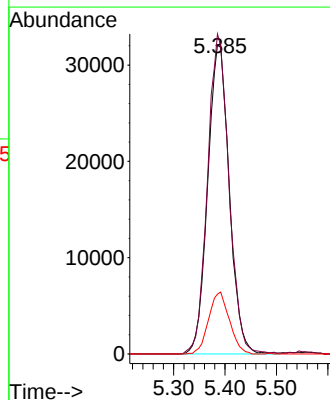
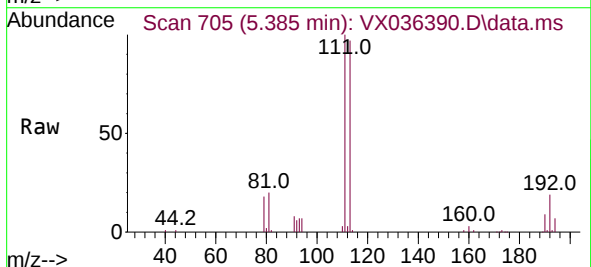
Instrument :
MSVOA_X
ClientSampleId :
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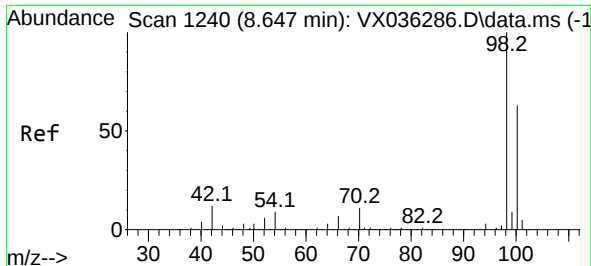
Tgt Ion:114 Resp: 301203
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.137 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

Tgt Ion:113 Resp: 93617
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.3 13.3 19.9

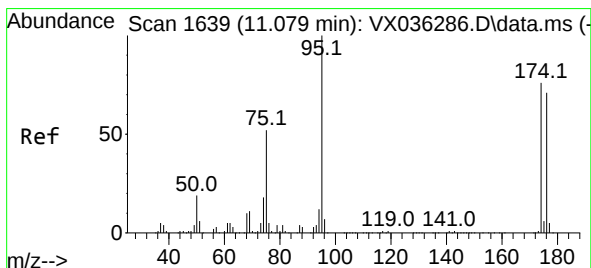
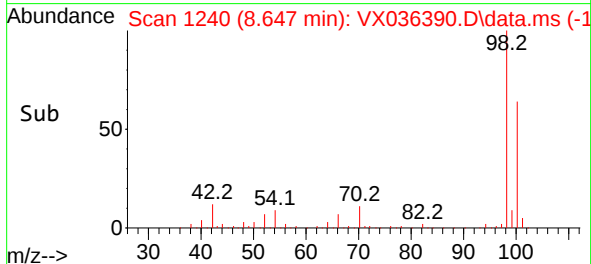
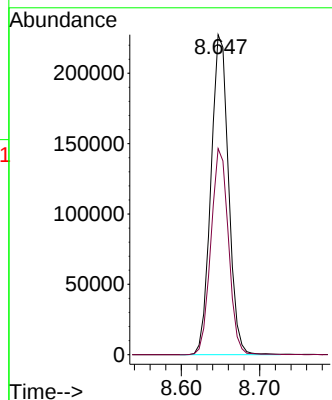
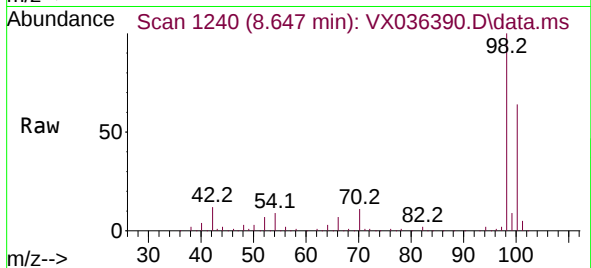




#50
Toluene-d8
Concen: 47.724 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

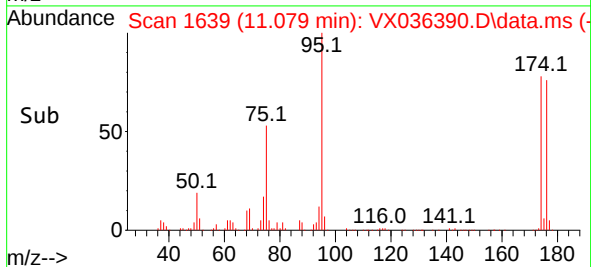
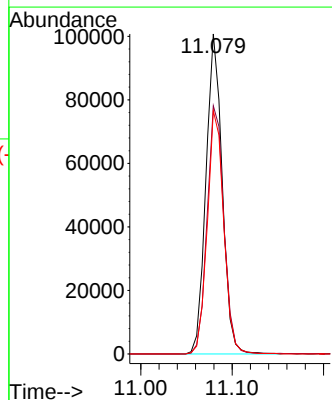
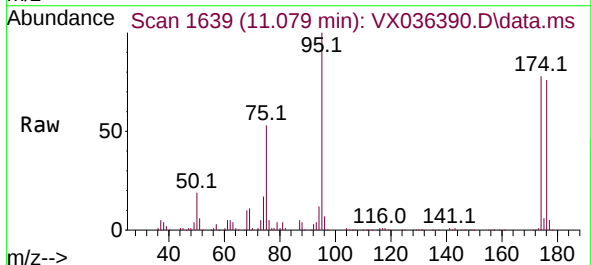
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

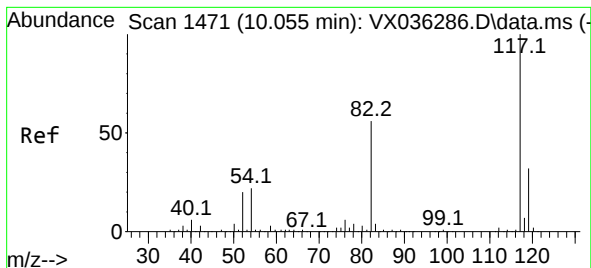
Tgt Ion: 98 Resp: 354013
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.423 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

Tgt Ion: 95 Resp: 123909
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 77.1 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: VX036390.D

Acq: 30 Jun 2023 13:26

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

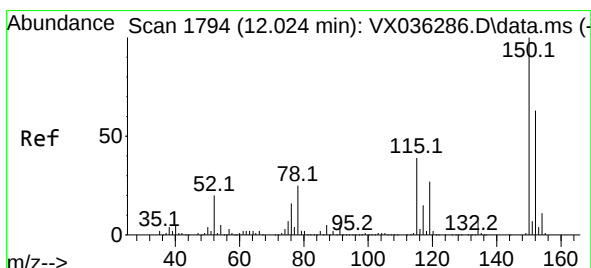
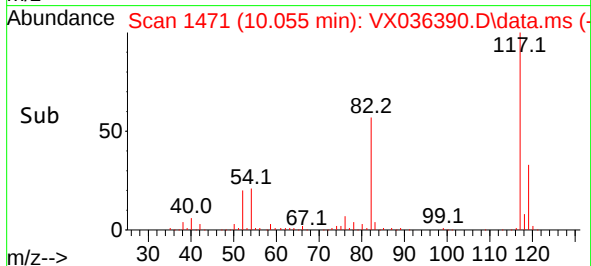
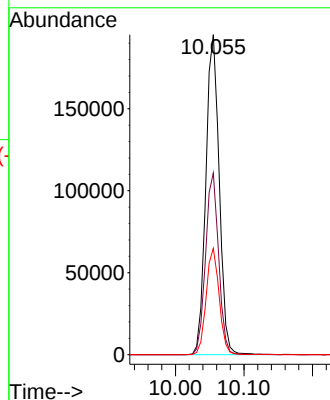
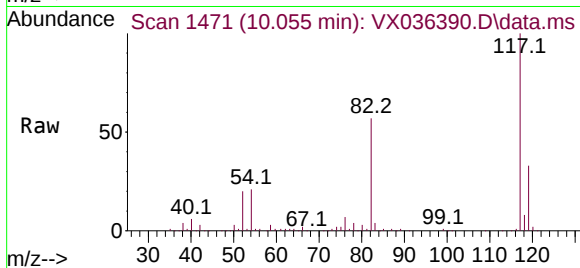
Tgt Ion:117 Resp: 265003

Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

119 33.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036390.D

Acq: 30 Jun 2023 13:26

Tgt Ion:152 Resp: 120420

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 152.7 0.0 345.0

