

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036460.D
 Acq On : 07 Jul 2023 15:04
 Operator : JC/MD
 Sample : 03552-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 07 23:06:11 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	161288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	274891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113450	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108062	46.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.480%
35) Dibromofluoromethane	5.385	113	87152	48.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	8.653	98	331983	49.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	116141	48.705	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.400%

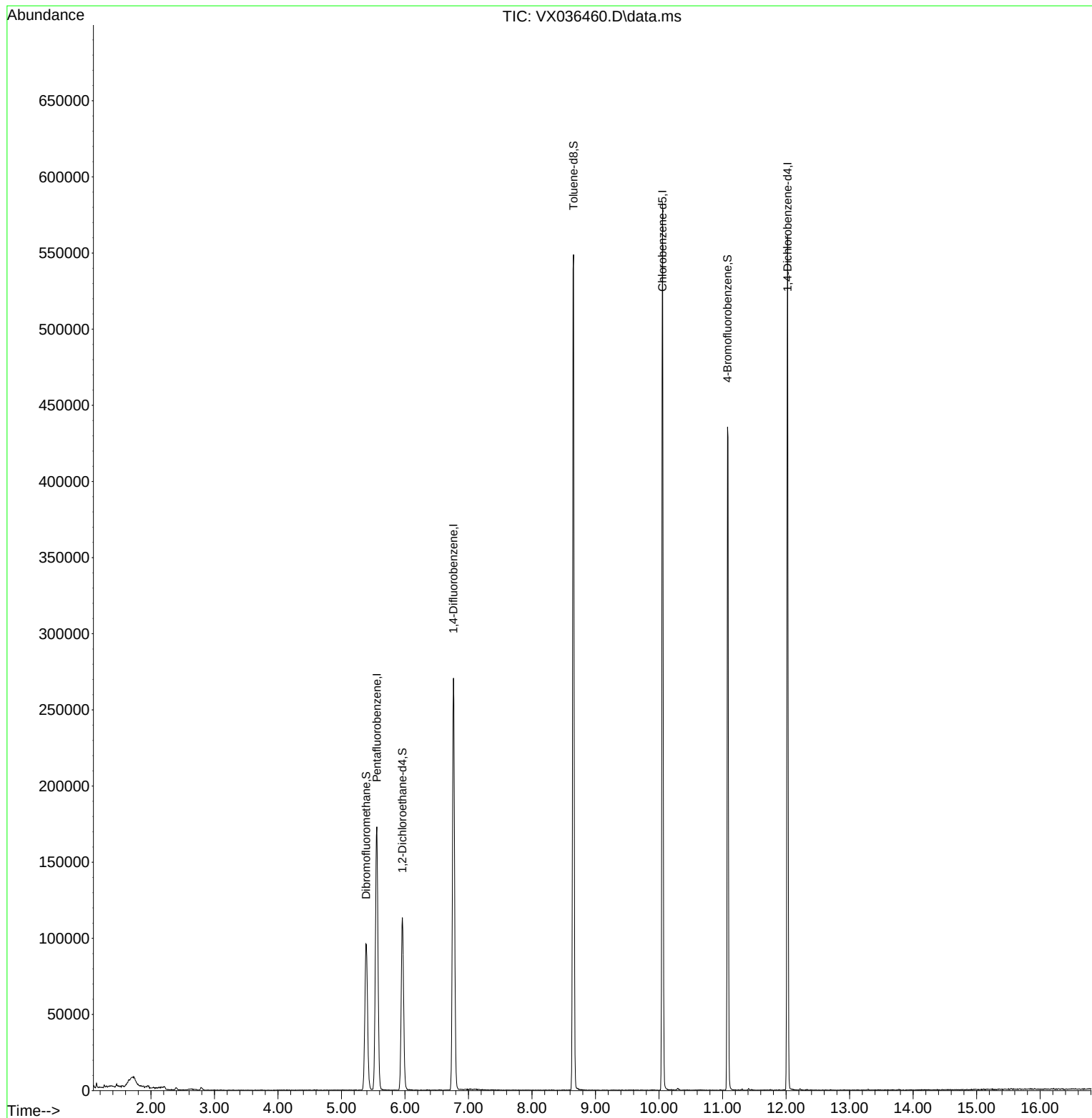
Target Compounds	Qvalue

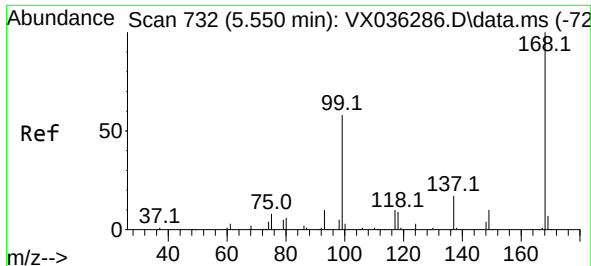
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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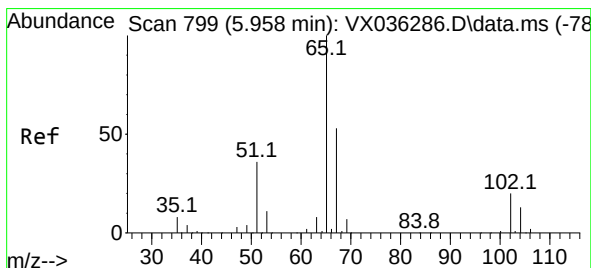
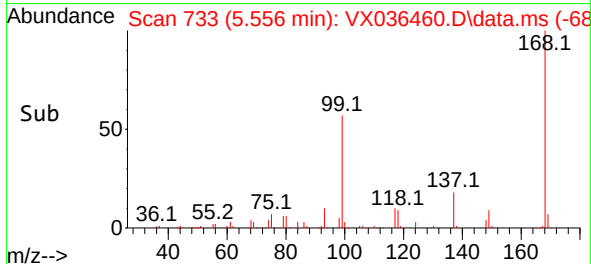
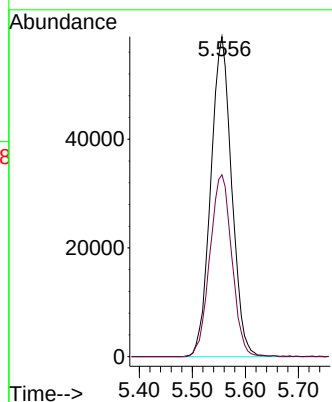
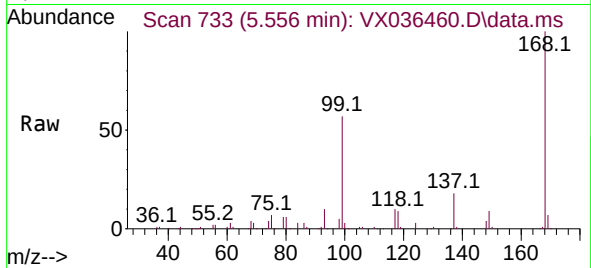




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036460.D
Acq: 07 Jul 2023 15:04

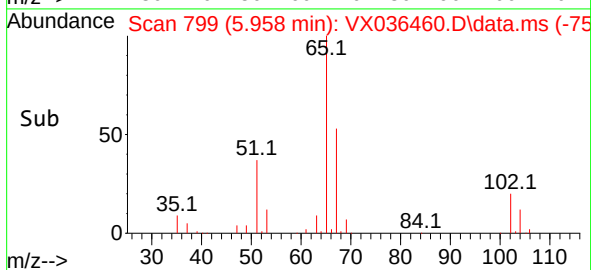
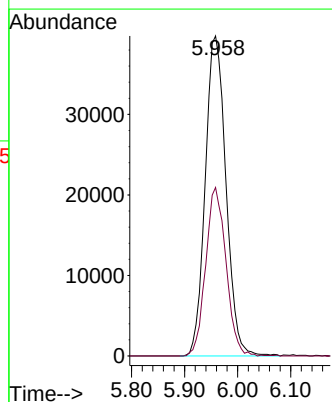
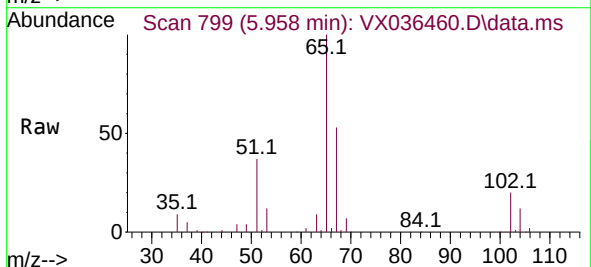
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

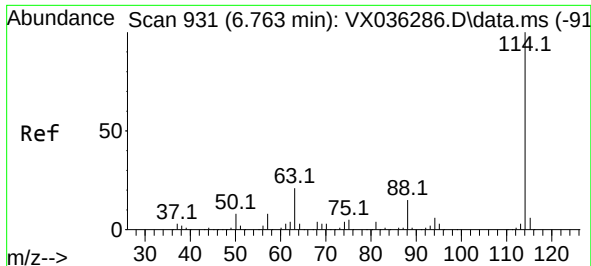
Tgt Ion:168 Resp: 161288
Ion Ratio Lower Upper
168 100
99 56.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.741 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036460.D
Acq: 07 Jul 2023 15:04

Tgt Ion: 65 Resp: 108062
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

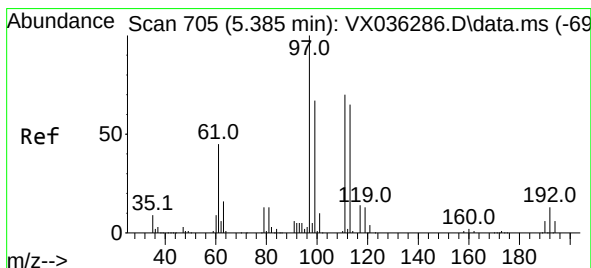
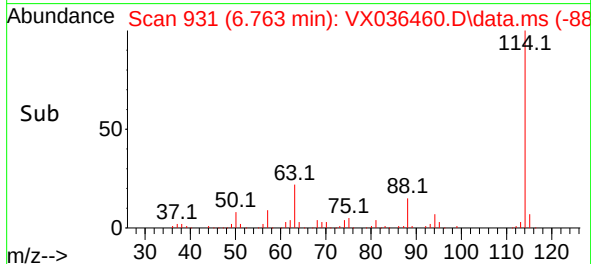
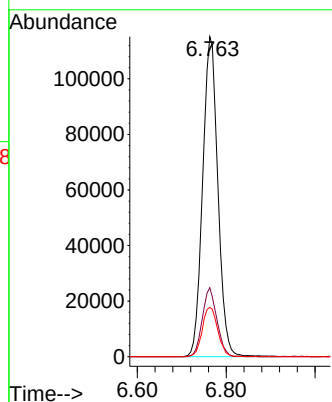
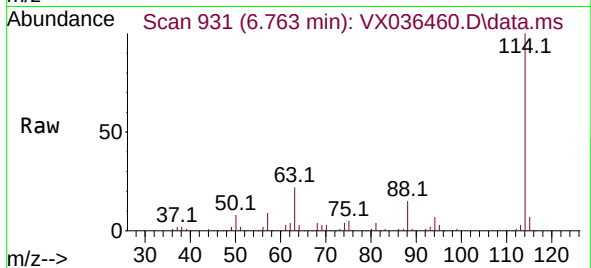




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036460.D
Acq: 07 Jul 2023 15:04

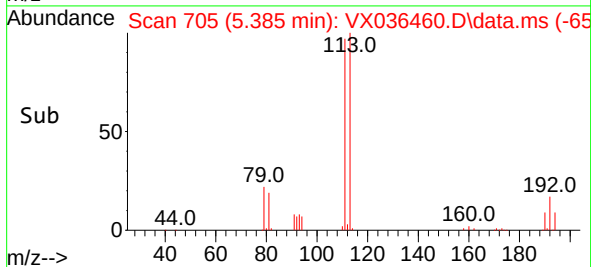
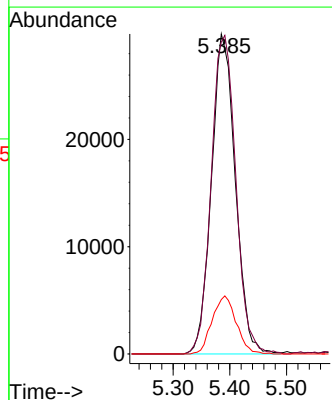
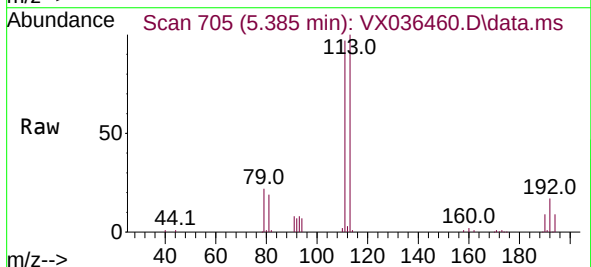
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

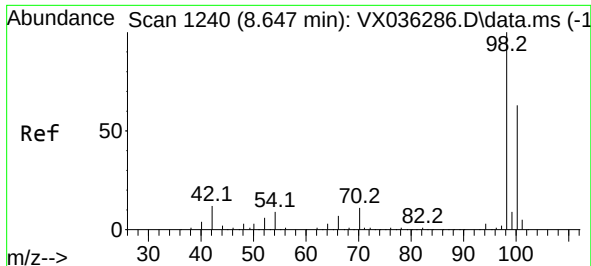
Tgt Ion:114 Resp: 274891
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.082 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036460.D
Acq: 07 Jul 2023 15:04

Tgt Ion:113 Resp: 87152
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.3 13.3 19.9

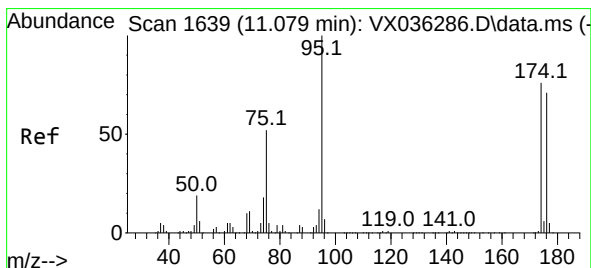
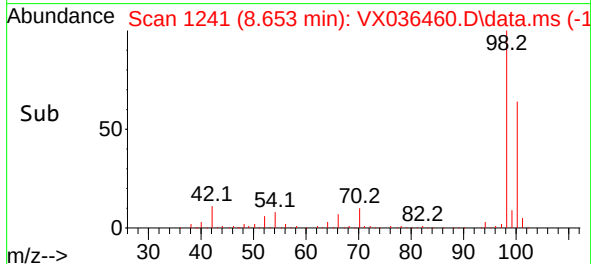
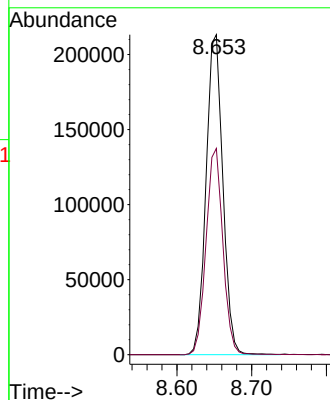
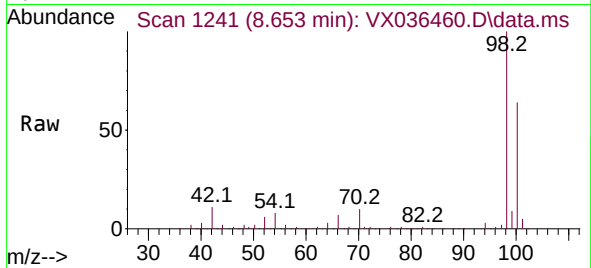




#50
Toluene-d8
Concen: 49.038 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX036460.D
Acq: 07 Jul 2023 15:04

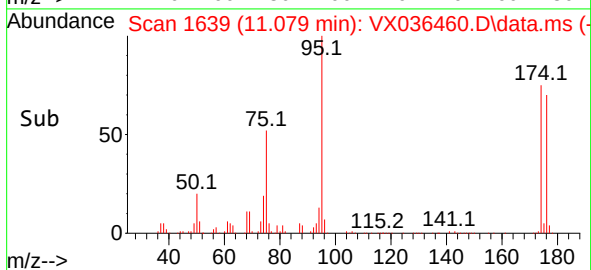
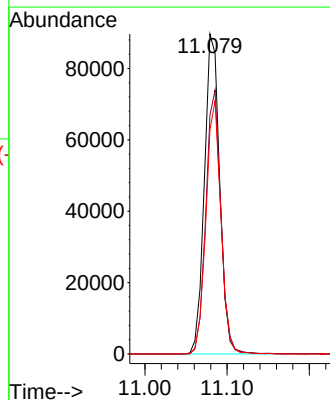
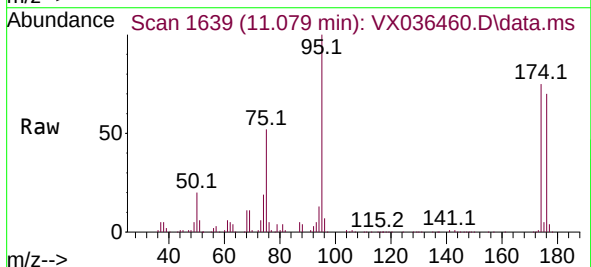
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

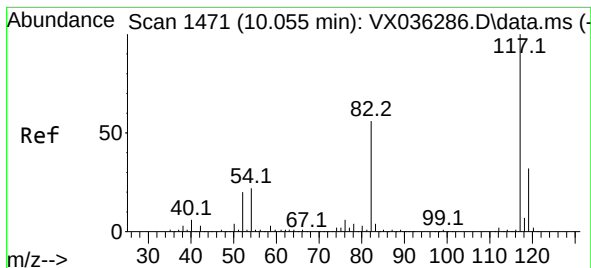
Tgt Ion: 98 Resp: 331983
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036460.D
Acq: 07 Jul 2023 15:04

Tgt Ion: 95 Resp: 116141
Ion Ratio Lower Upper
95 100
174 80.9 0.0 135.6
176 77.2 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: VX036460.D

Acq: 07 Jul 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

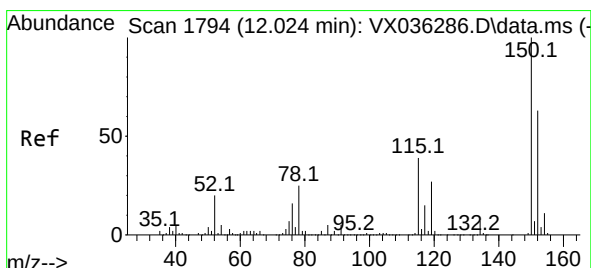
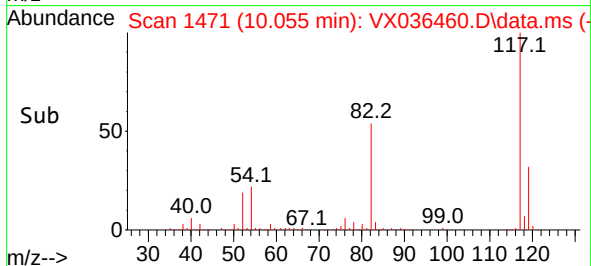
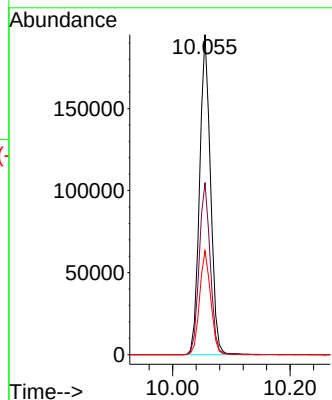
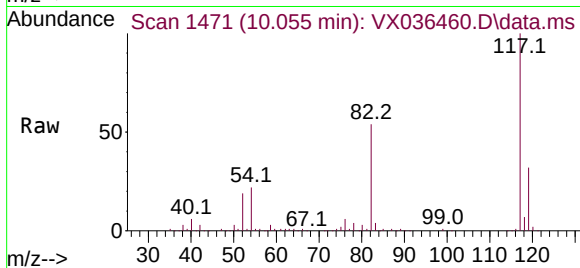
Tgt Ion:117 Resp: 251584

Ion Ratio Lower Upper

117 100

82 53.7 46.2 69.4

119 32.4 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: VX036460.D

Acq: 07 Jul 2023 15:04

Tgt Ion:152 Resp: 113450

Ion Ratio Lower Upper

152 100

115 59.3 43.3 129.9

150 155.6 0.0 345.0

