

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036309.D
 Acq On : 24 Jun 2023 14:17
 Operator : JC/MD
 Sample : 03319-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 26 03:24:56 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	5.550	168	148984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91850	43.009	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.020%
35) Dibromofluoromethane	5.391	113	70101	40.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.900%
50) Toluene-d8	8.647	98	265674	41.553	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	83.100%#
62) 4-Bromofluorobenzene	11.079	95	91741	40.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.480%#

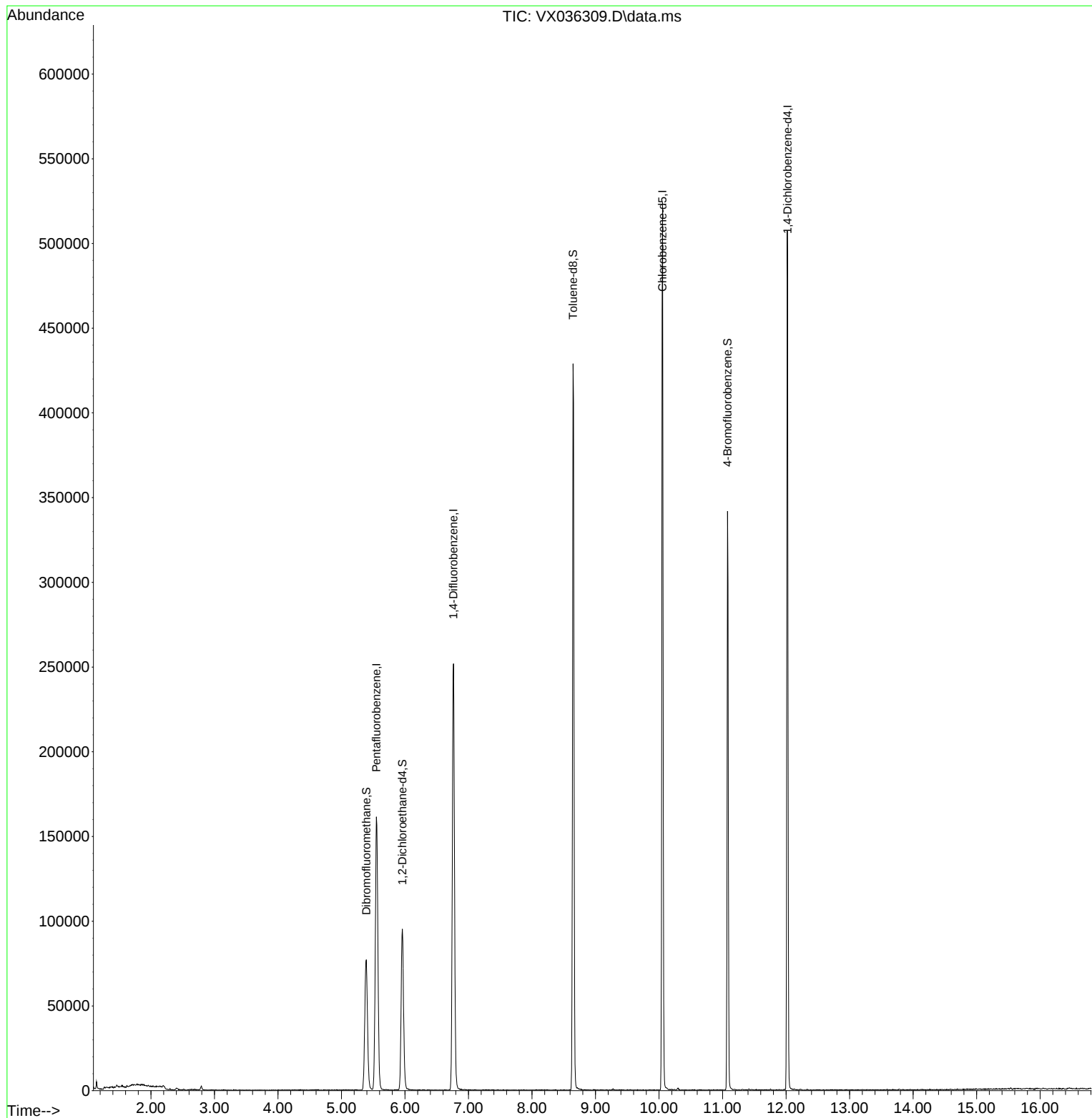
Target Compounds	Qvalue

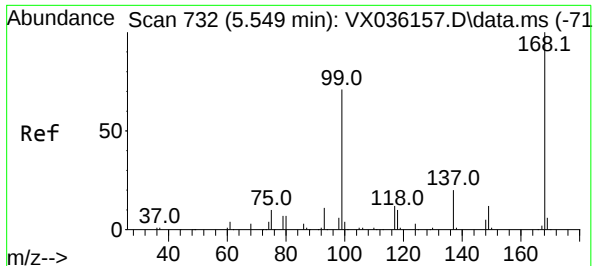
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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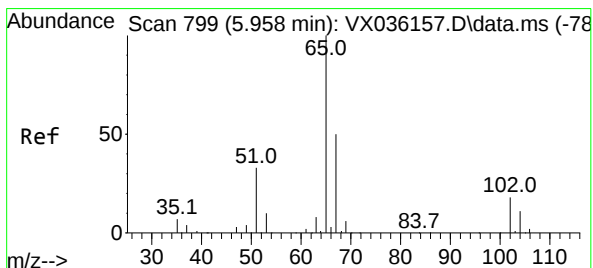
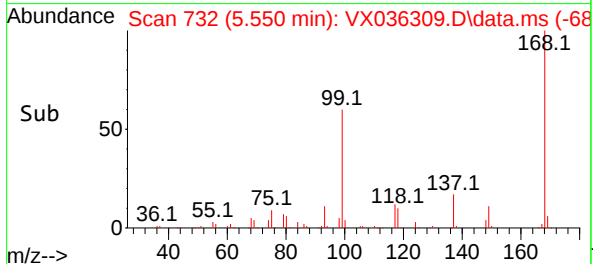
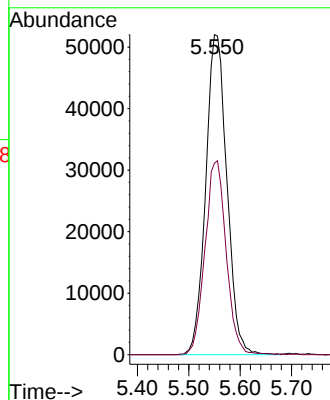
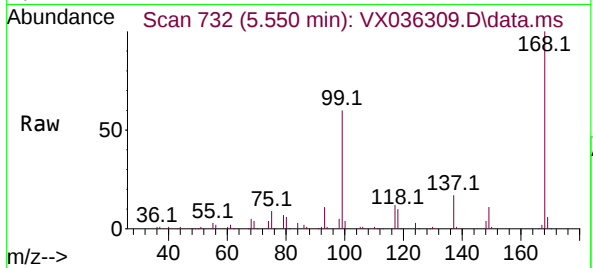




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036309.D
Acq: 24 Jun 2023 14:17

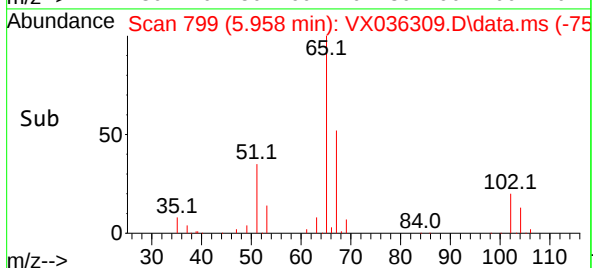
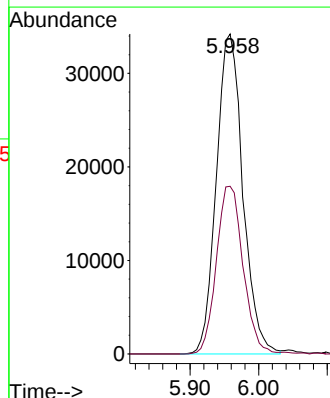
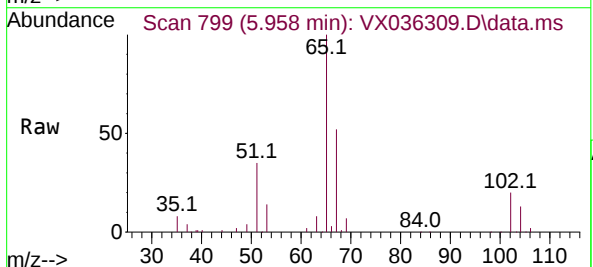
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

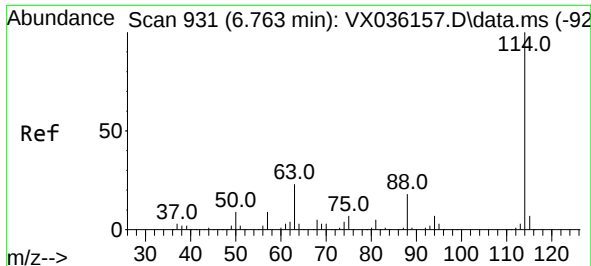
Tgt Ion:168 Resp: 148984
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 43.009 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036309.D
Acq: 24 Jun 2023 14:17

Tgt Ion: 65 Resp: 91850
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

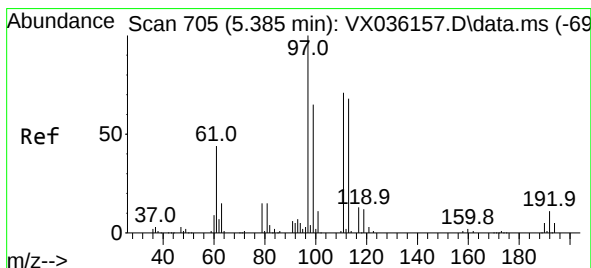
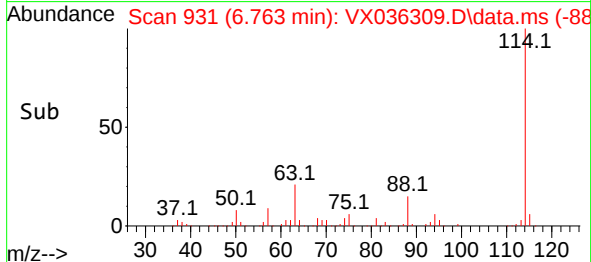
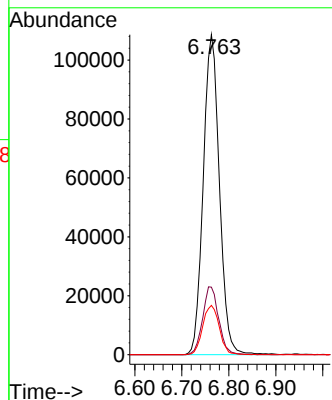
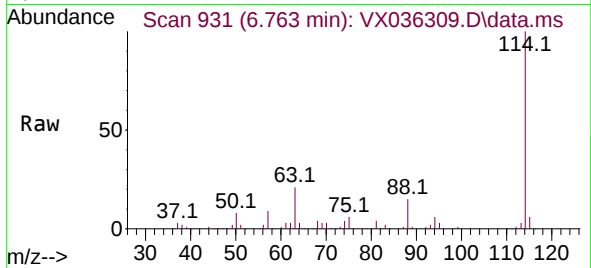




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036309.D
Acq: 24 Jun 2023 14:17

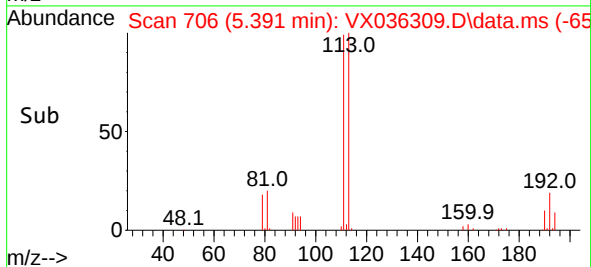
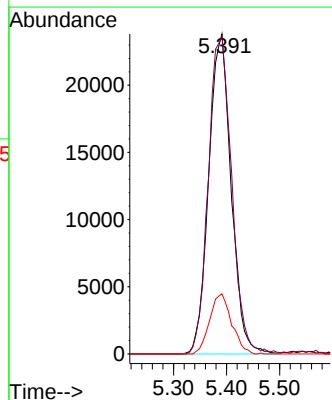
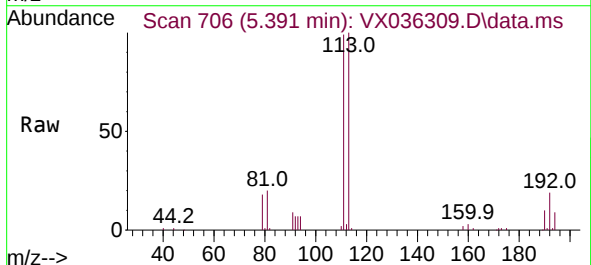
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

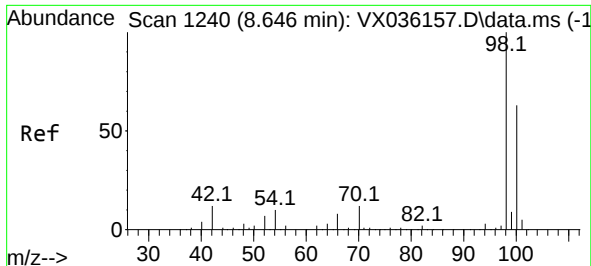
Tgt Ion:114 Resp: 259613
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 40.951 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036309.D
Acq: 24 Jun 2023 14:17

Tgt Ion:113 Resp: 70101
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.3 13.3 19.9

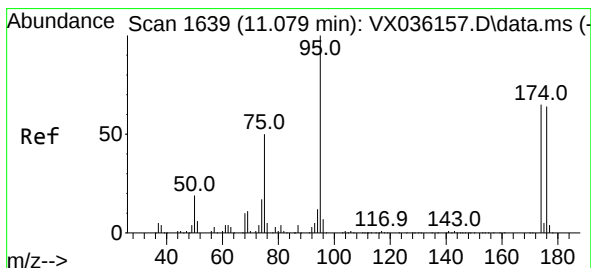
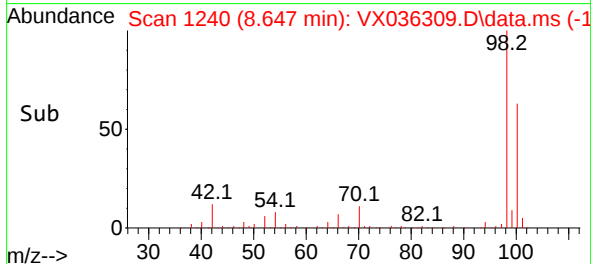
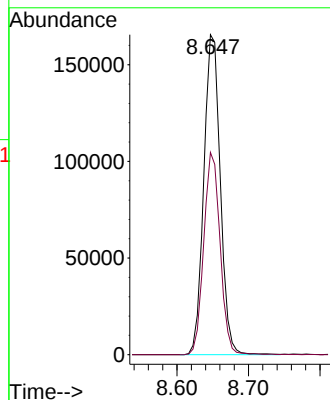
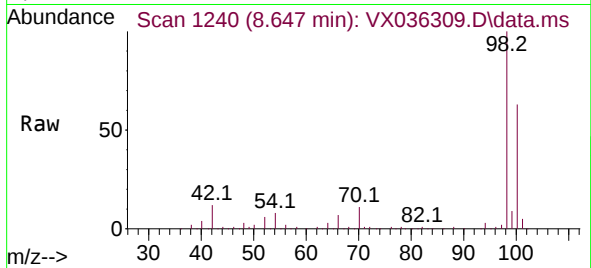




#50
Toluene-d8
Concen: 41.553 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036309.D
Acq: 24 Jun 2023 14:17

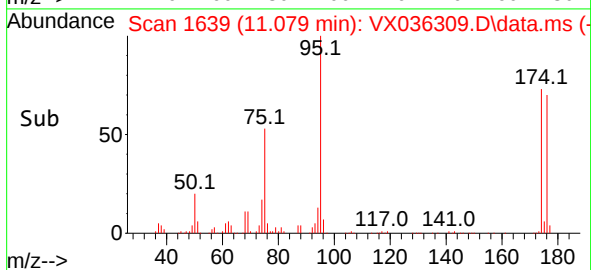
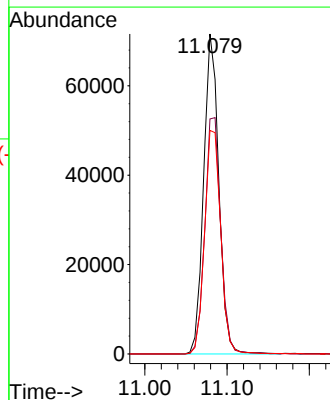
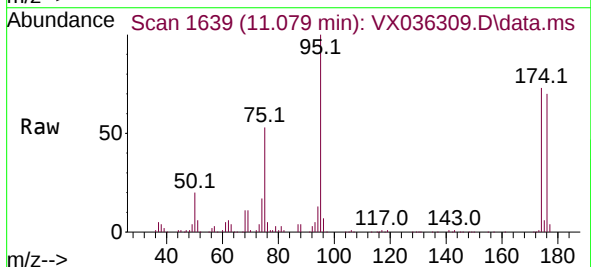
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

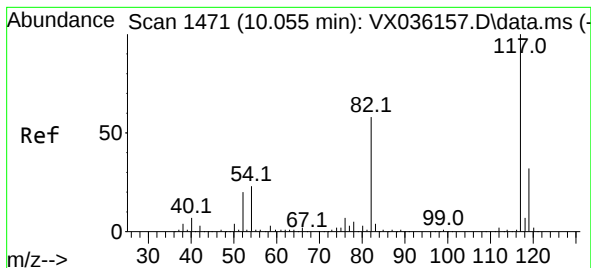
Tgt Ion: 98 Resp: 265674
Ion Ratio Lower Upper
98 100
100 62.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 40.737 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036309.D
Acq: 24 Jun 2023 14:17

Tgt Ion: 95 Resp: 91741
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 74.5 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: VX036309.D

Acq: 24 Jun 2023 14:17

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

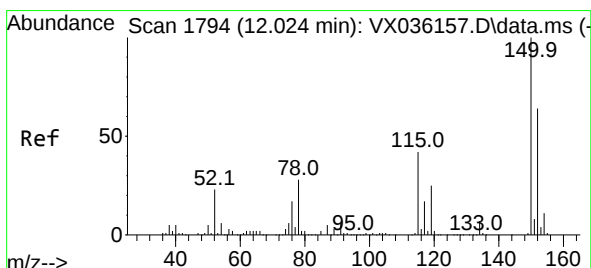
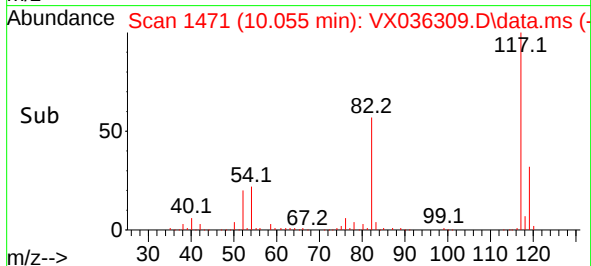
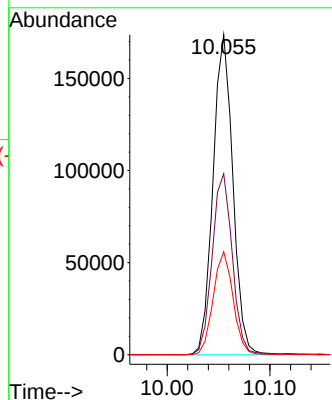
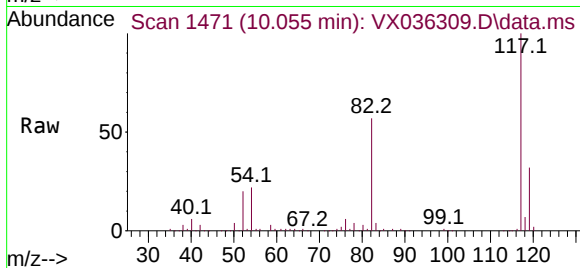
Tgt Ion:117 Resp: 233041

Ion Ratio Lower Upper

117 100

82 56.5 46.2 69.4

119 32.2 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: VX036309.D

Acq: 24 Jun 2023 14:17

Tgt Ion:152 Resp: 104190

Ion Ratio Lower Upper

152 100

115 61.6 43.3 129.9

150 158.6 0.0 345.0

