

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036862.D
 Acq On : 08 Aug 2023 14:27
 Operator : JC/MD
 Sample : 03932-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230807

Quant Time: Aug 09 04:14:38 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	5.550	168	127805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89069	47.100	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.200%
35) Dibromofluoromethane	5.385	113	75134	46.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.400%
50) Toluene-d8	8.647	98	280052	49.089	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	104910	48.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.480%

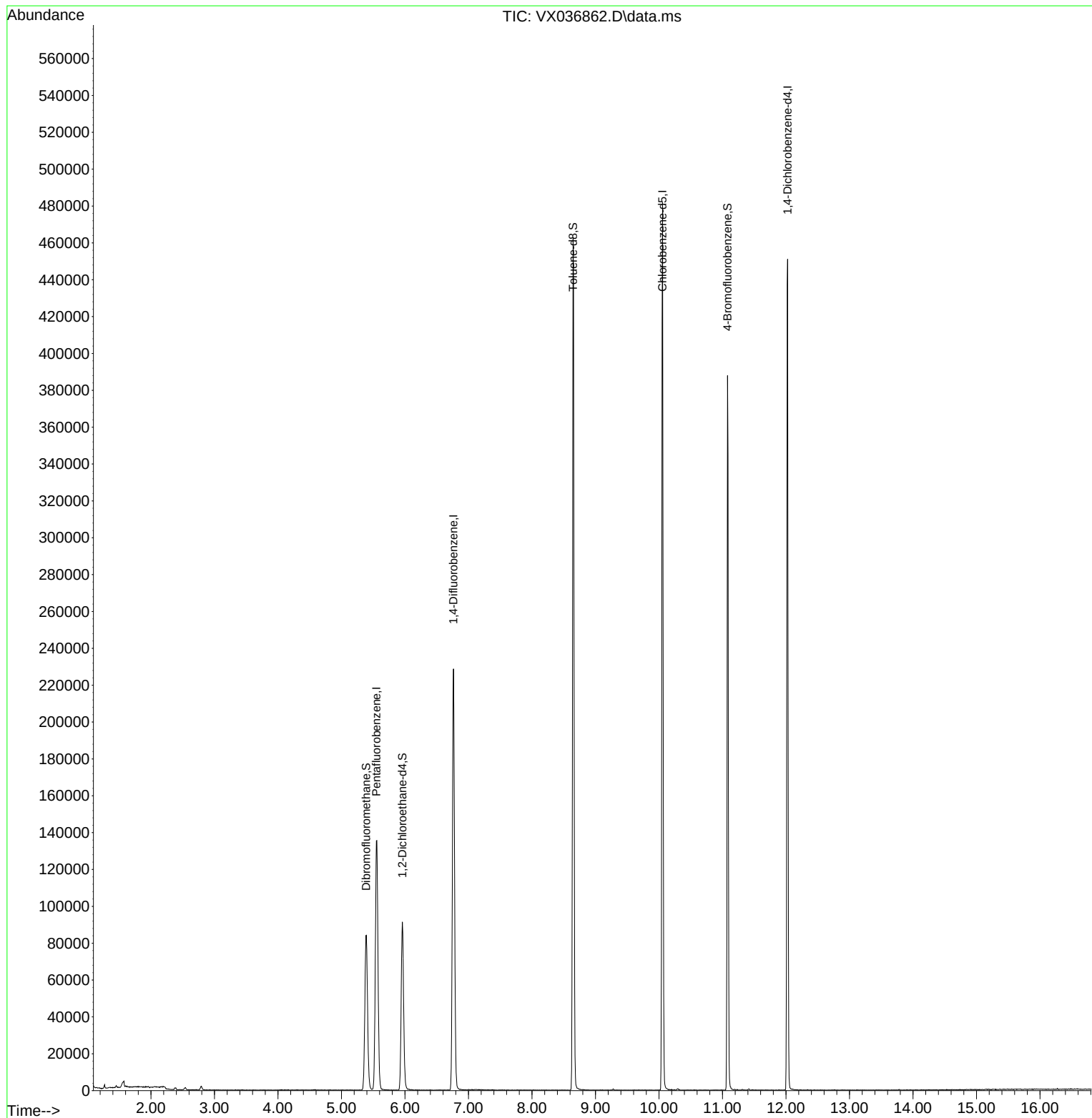
Target Compounds	Qvalue

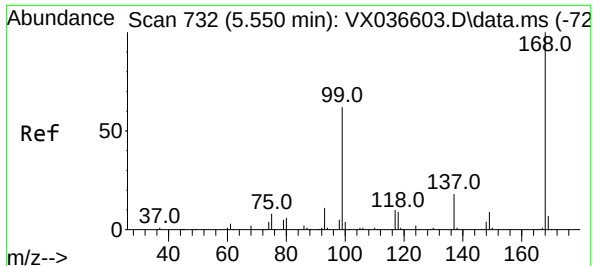
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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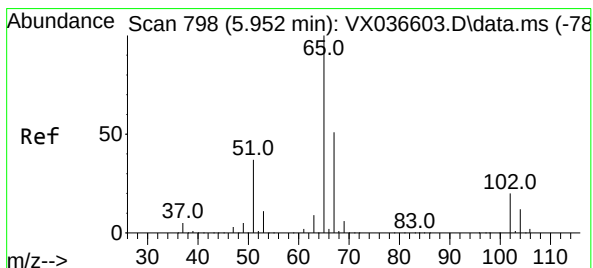
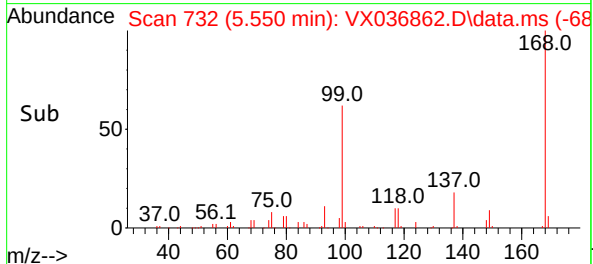
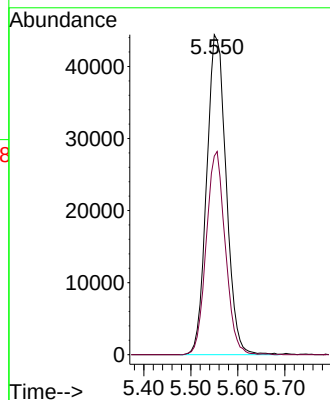
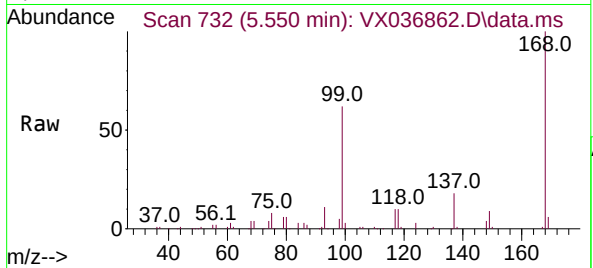




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036862.D
Acq: 08 Aug 2023 14:27

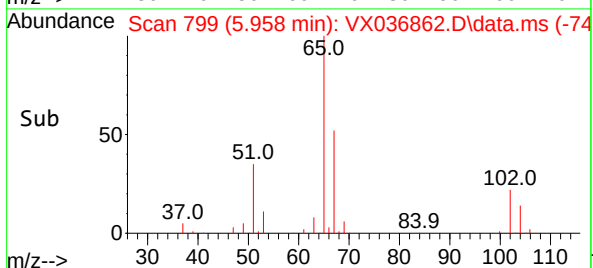
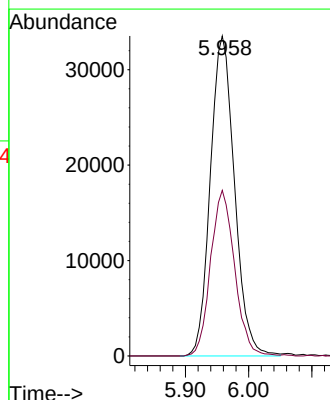
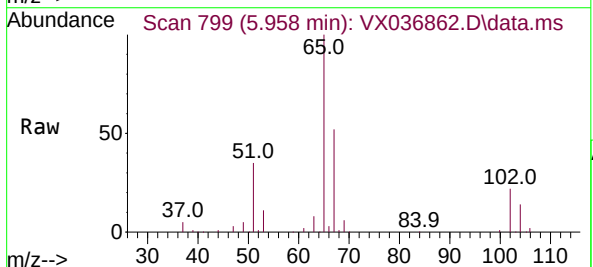
Instrument :
MSVOA_X
ClientSampleId :
TB-20230807

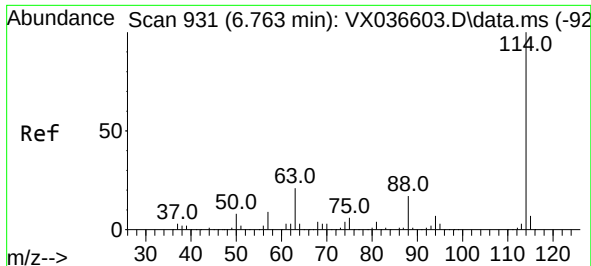
Tgt Ion:168 Resp: 127805
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.100 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036862.D
Acq: 08 Aug 2023 14:27

Tgt Ion: 65 Resp: 89069
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

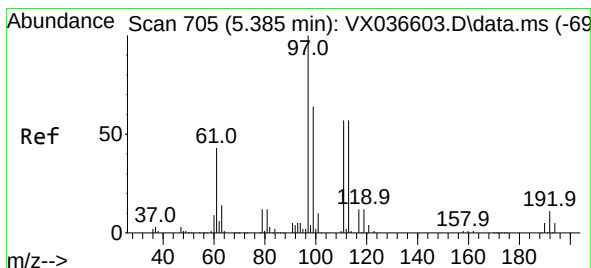
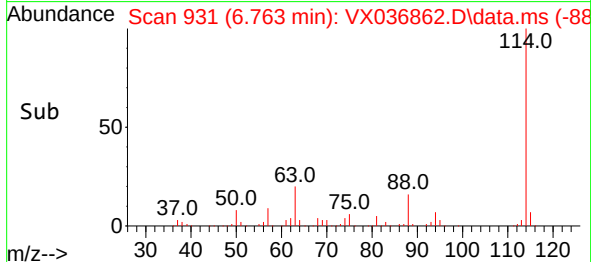
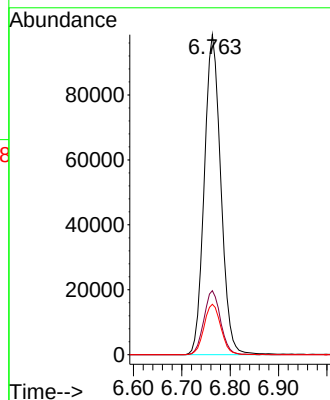
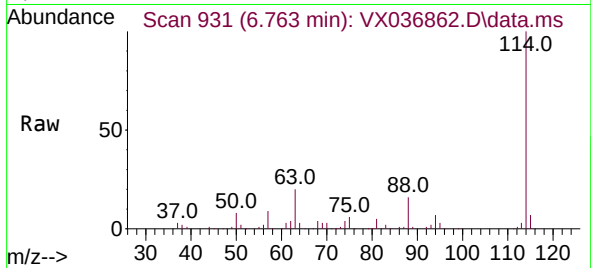




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036862.D
Acq: 08 Aug 2023 14:27

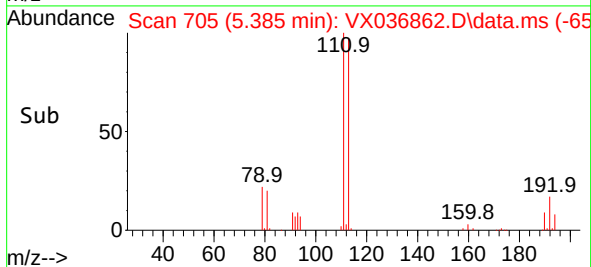
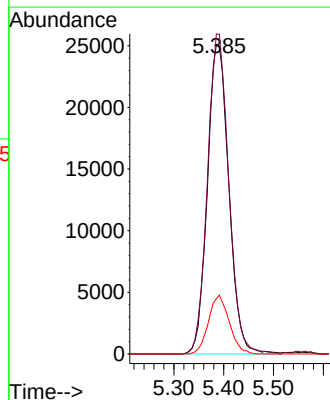
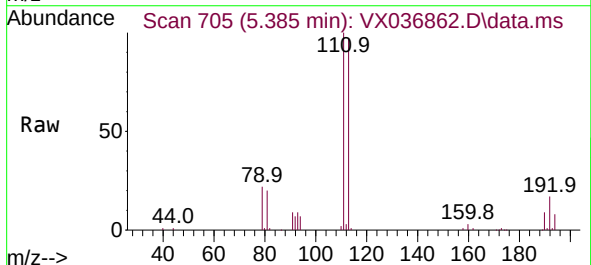
Instrument :
MSVOA_X
ClientSampleId :
TB-20230807

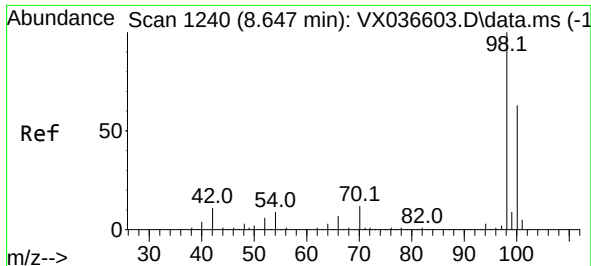
Tgt Ion:114 Resp: 234052
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.704 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036862.D
Acq: 08 Aug 2023 14:27

Tgt Ion:113 Resp: 75134
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.3 13.3 19.9





#50

Toluene-d8

Concen: 49.089 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036862.D

Acq: 08 Aug 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

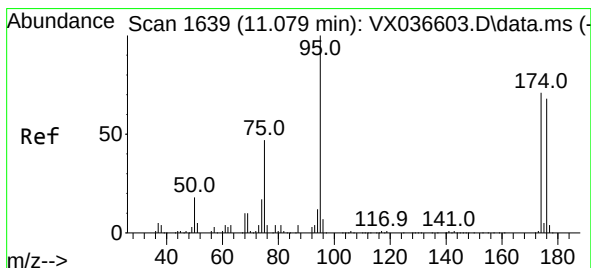
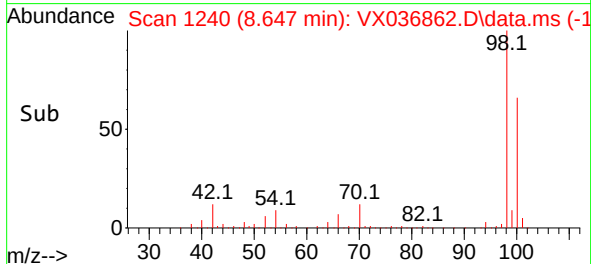
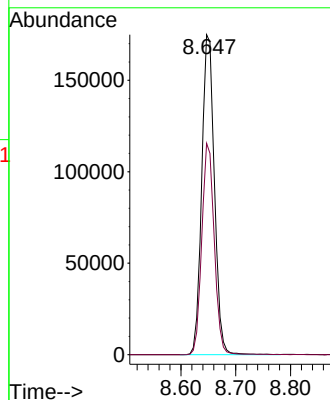
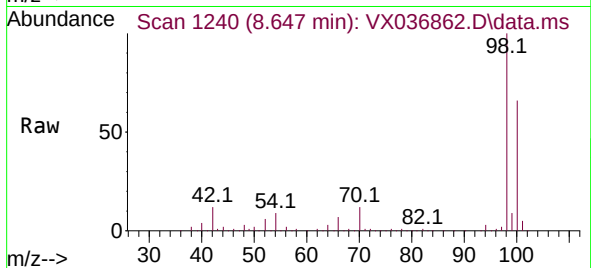
TB-20230807

Tgt Ion: 98 Resp: 280052

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.741 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036862.D

Acq: 08 Aug 2023 14:27

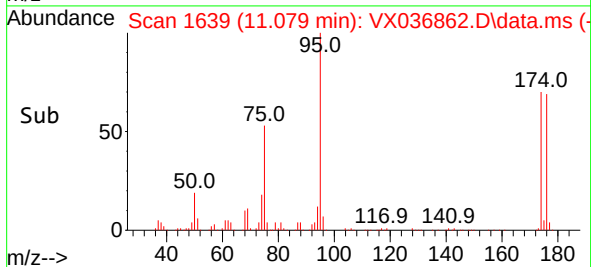
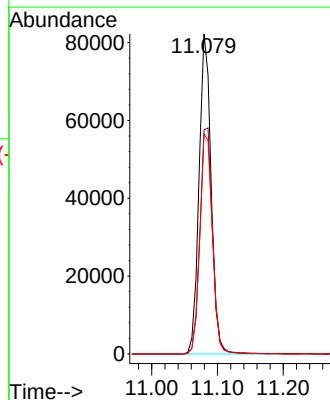
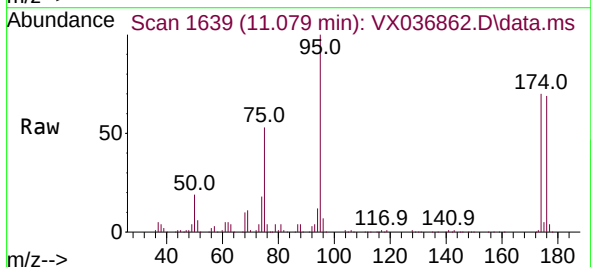
Tgt Ion: 95 Resp: 104910

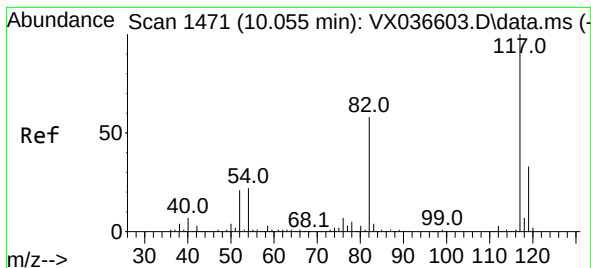
Ion Ratio Lower Upper

95 100

174 74.2 0.0 135.6

176 71.3 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: VX036862.D

Acq: 08 Aug 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

TB-20230807

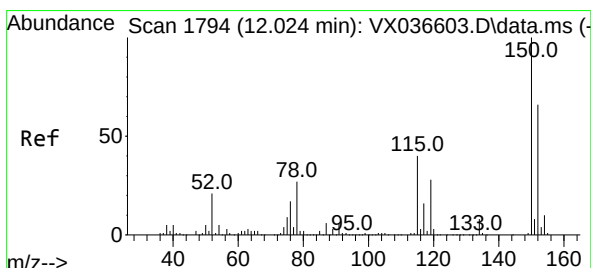
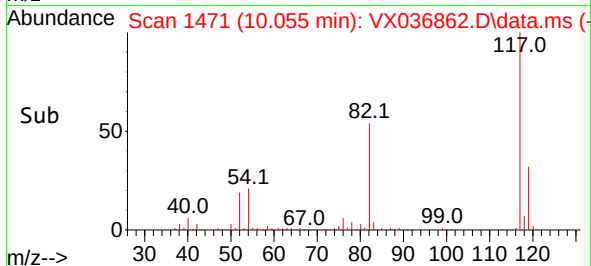
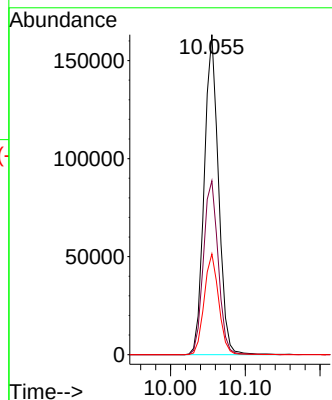
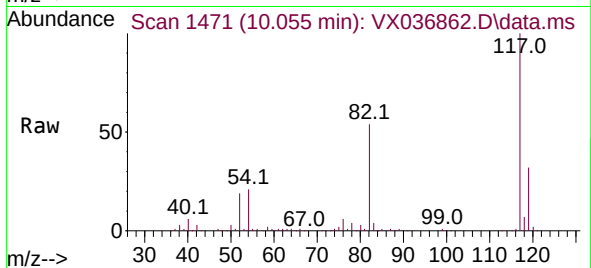
Tgt Ion:117 Resp: 216296

Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 31.5 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: VX036862.D

Acq: 08 Aug 2023 14:27

Tgt Ion:152 Resp: 93664

Ion Ratio Lower Upper

152 100

115 62.5 43.3 129.9

150 161.1 0.0 345.0

