

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038064.D
 Acq On : 04 Oct 2023 14:48
 Operator : JC/MD
 Sample : 04656-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-10022023

Quant Time: Oct 05 01:02:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73617	47.932	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.860%
35) Dibromofluoromethane	5.391	113	56756	47.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	8.653	98	222611	48.387	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.079	95	77809	46.470	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%

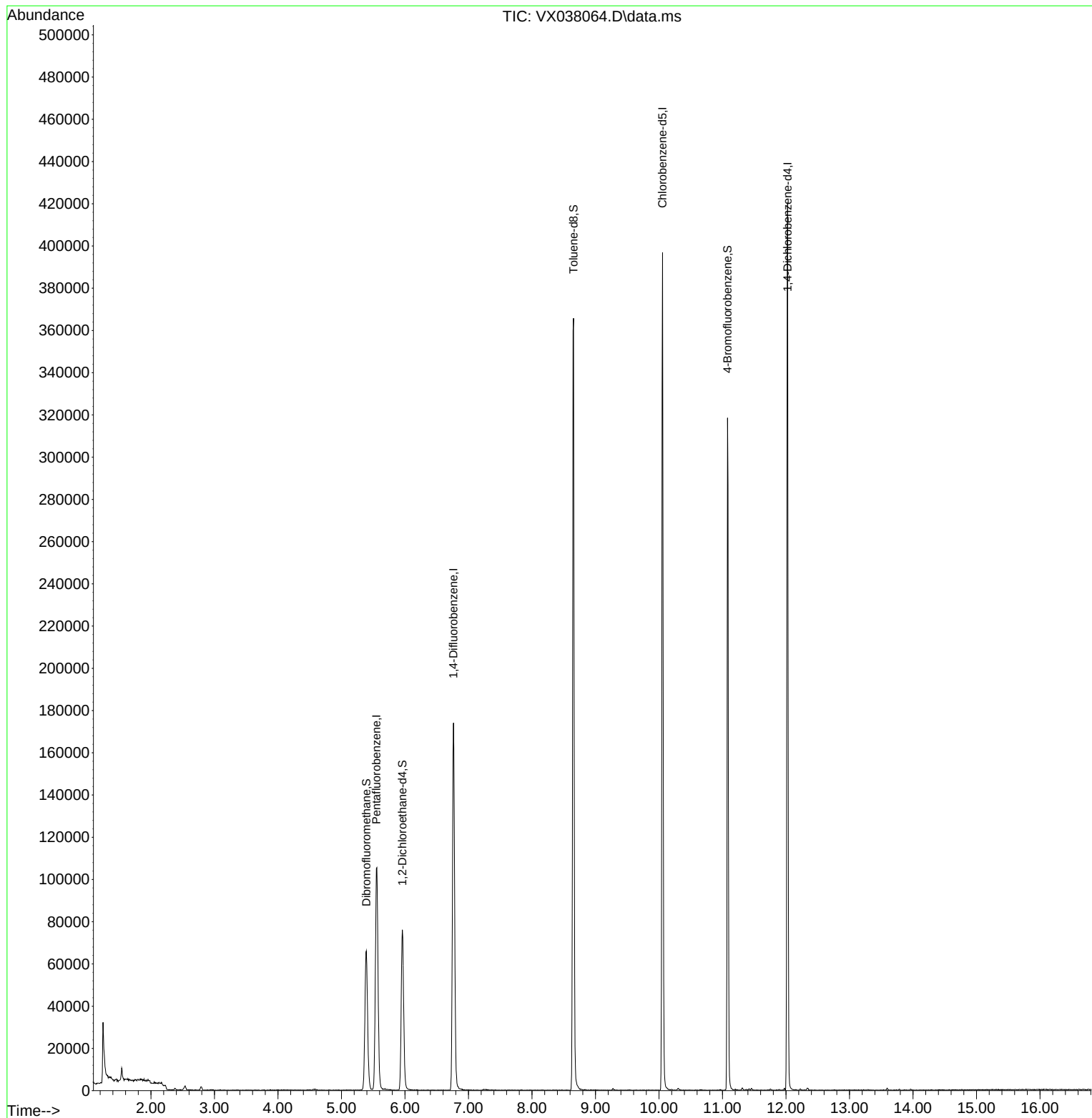
Target Compounds	Qvalue

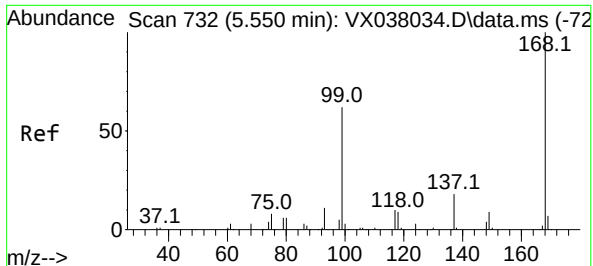
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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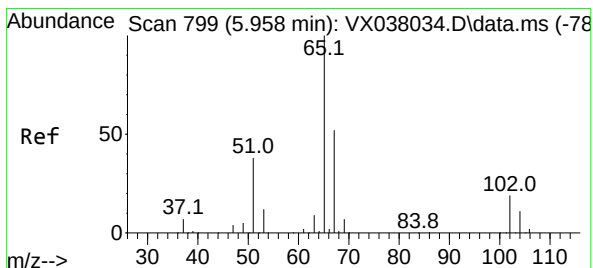
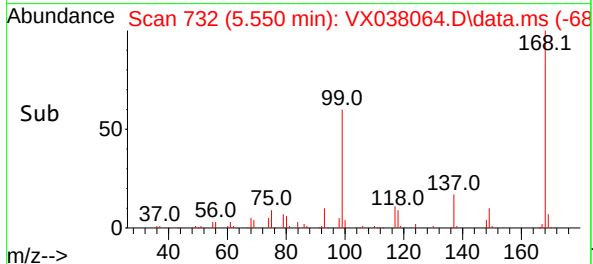
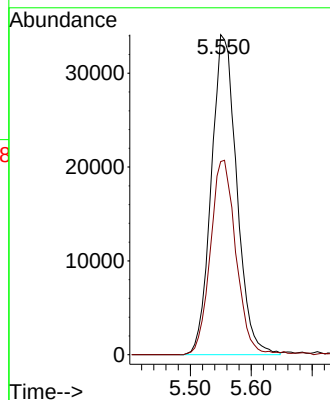
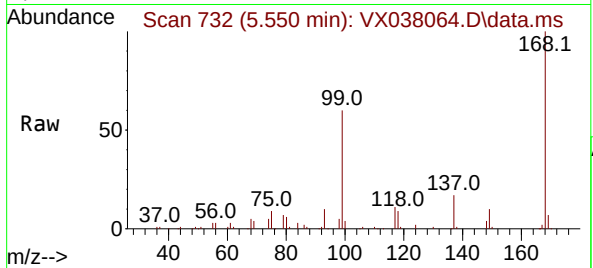




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX038064.D
Acq: 04 Oct 2023 14:48

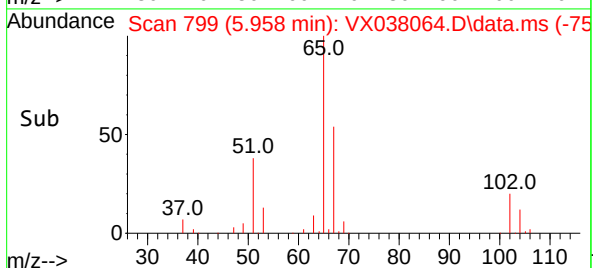
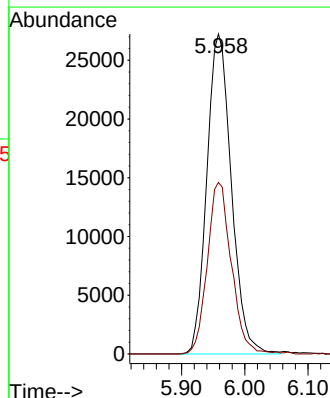
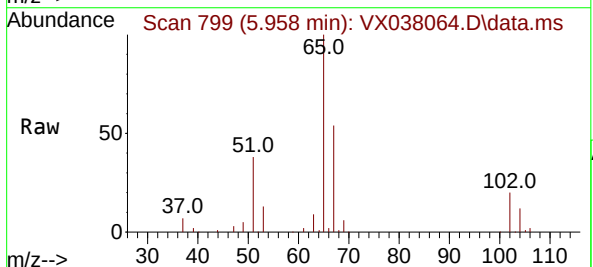
Instrument :
MSVOA_X
ClientSampleId :
TB-10022023

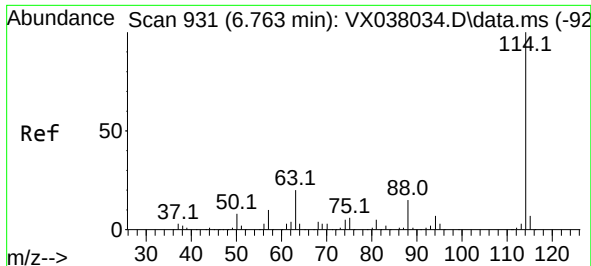
Tgt Ion:168 Resp: 98709
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.932 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038064.D
Acq: 04 Oct 2023 14:48

Tgt Ion: 65 Resp: 73617
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

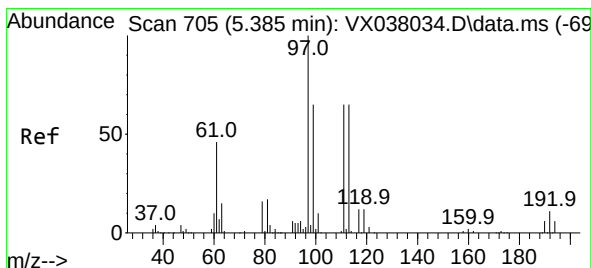
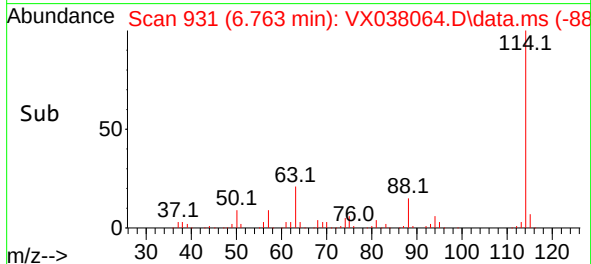
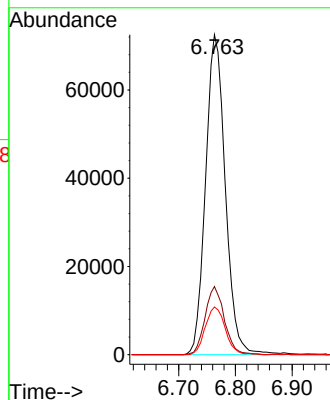
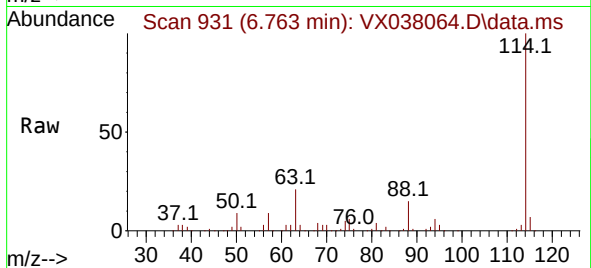




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038064.D
Acq: 04 Oct 2023 14:48

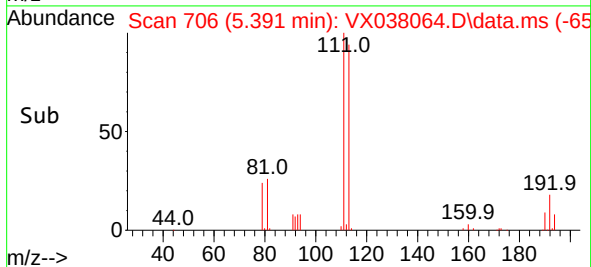
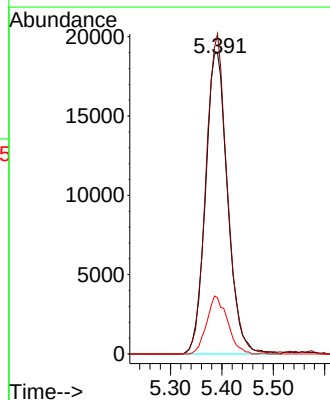
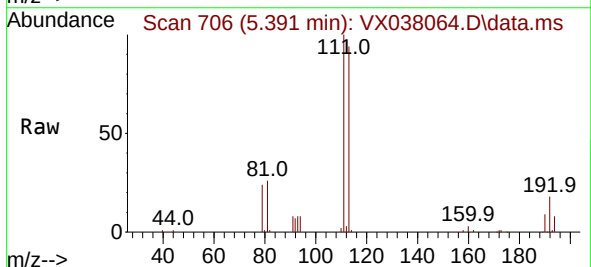
Instrument :
MSVOA_X
ClientSampleId :
TB-10022023

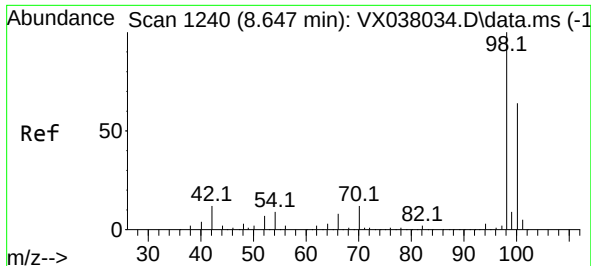
Tgt Ion:114 Resp: 175232
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.212 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038064.D
Acq: 04 Oct 2023 14:48

Tgt Ion:113 Resp: 56756
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.1 13.3 19.9

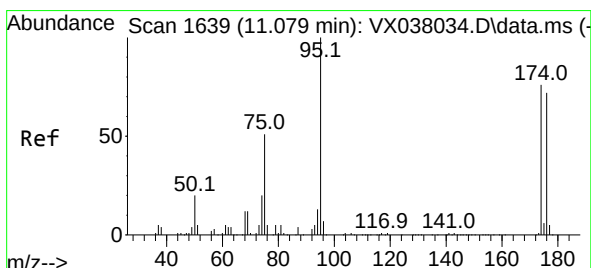
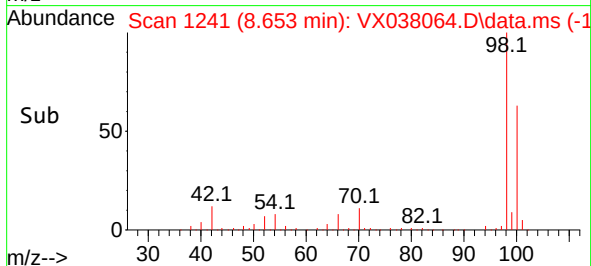
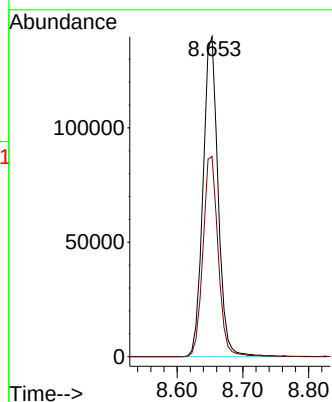
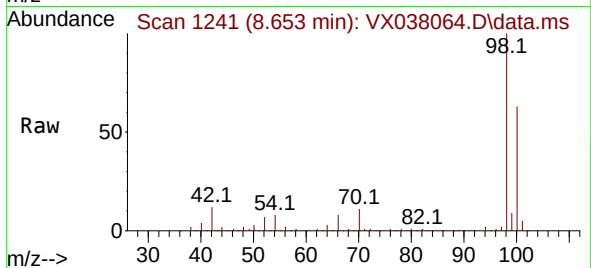




#50
Toluene-d8
Concen: 48.387 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038064.D
Acq: 04 Oct 2023 14:48

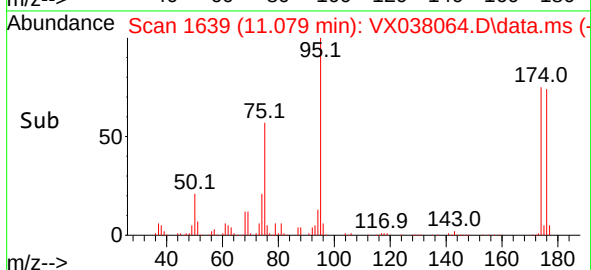
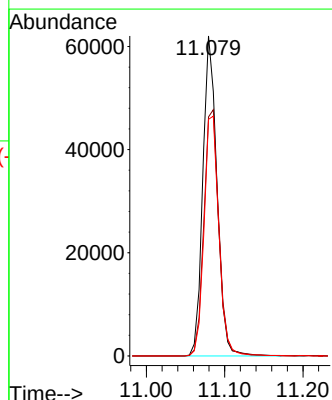
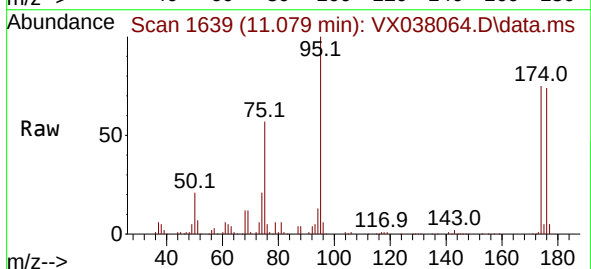
Instrument :
MSVOA_X
ClientSampleId :
TB-10022023

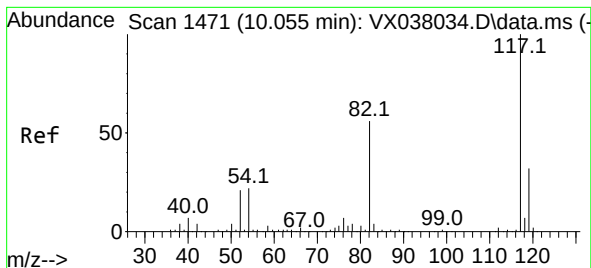
Tgt Ion: 98 Resp: 222611
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038064.D
Acq: 04 Oct 2023 14:48

Tgt Ion: 95 Resp: 77809
Ion Ratio Lower Upper
95 100
174 82.0 0.0 135.6
176 78.8 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: VX038064.D

Acq: 04 Oct 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

TB-10022023

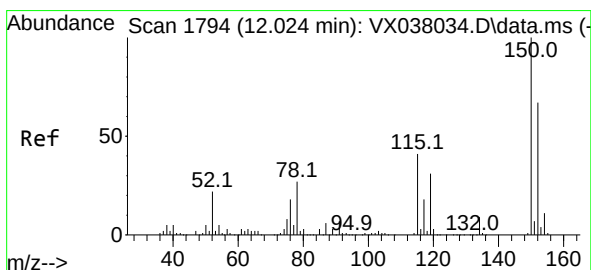
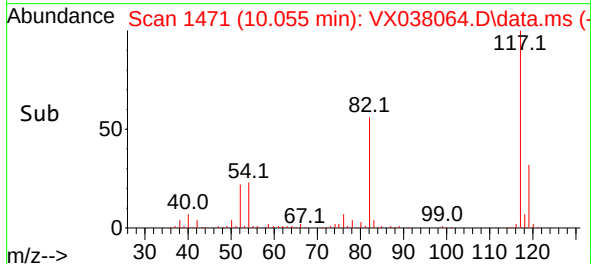
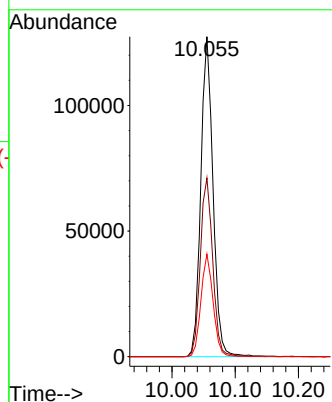
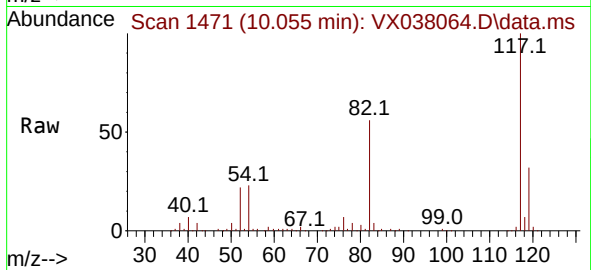
Tgt Ion:117 Resp: 171519

Ion Ratio Lower Upper

117 100

82 55.9 46.2 69.4

119 32.1 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: VX038064.D

Acq: 04 Oct 2023 14:48

Tgt Ion:152 Resp: 83621

Ion Ratio Lower Upper

152 100

115 61.0 43.3 129.9

150 158.4 0.0 345.0

