

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038167.D
 Acq On : 09 Oct 2023 13:27
 Operator : JC/MD
 Sample : 04713-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 10 00:55:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	111067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99394	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83191	46.568	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.140%
35) Dibromofluoromethane	5.391	113	64927	45.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.652	98	244924	45.345	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.700%#
62) 4-Bromofluorobenzene	11.079	95	93054	45.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%

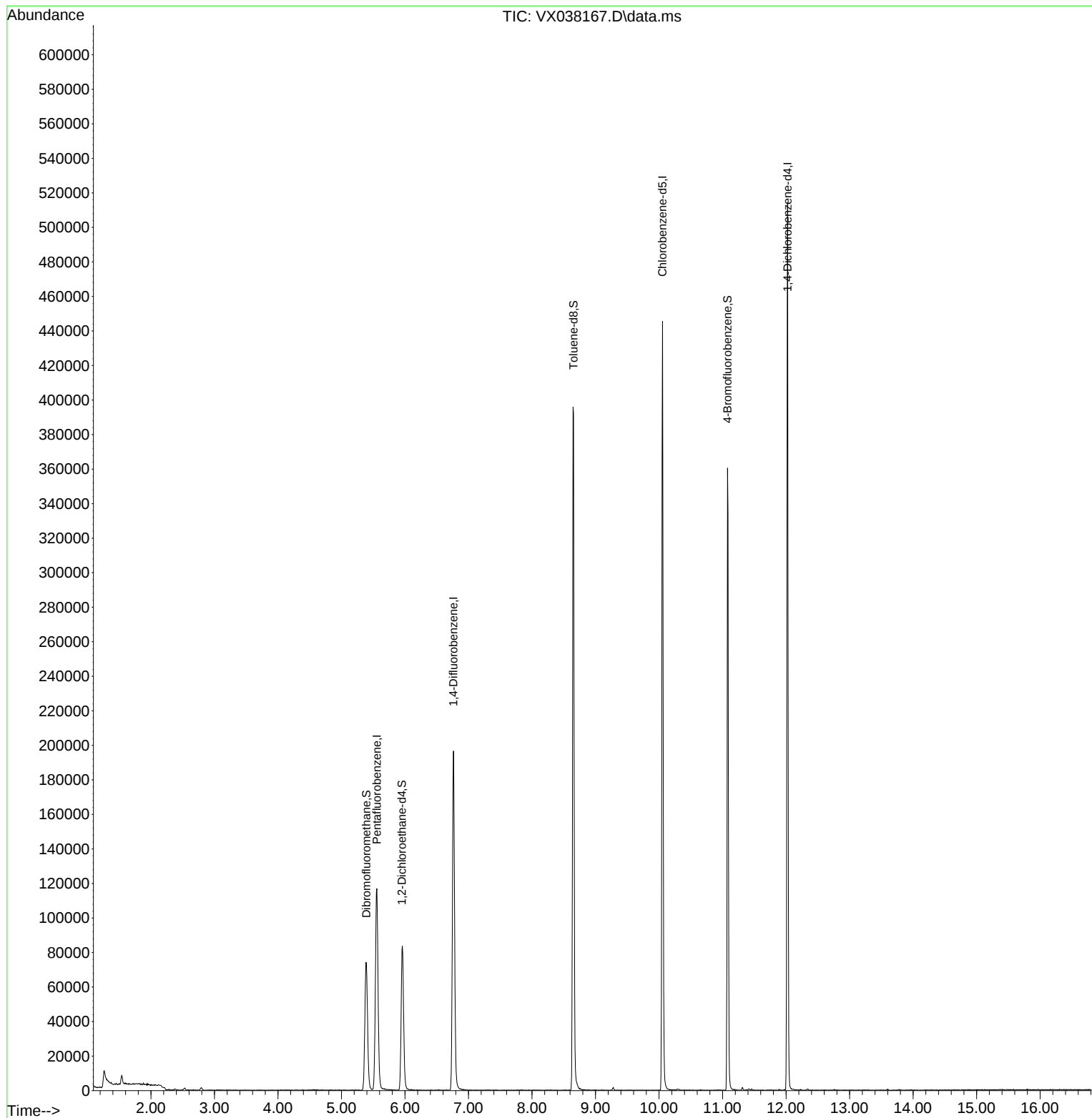
Target Compounds	Qvalue

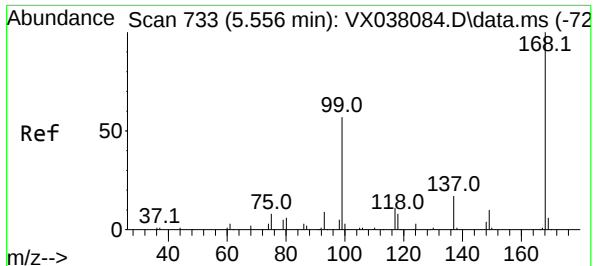
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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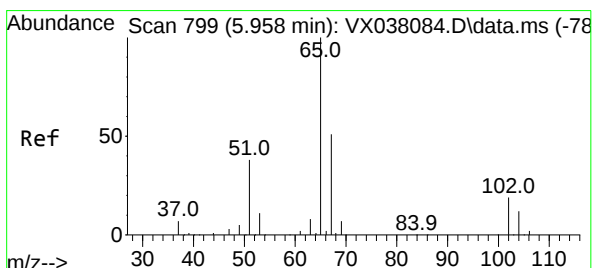
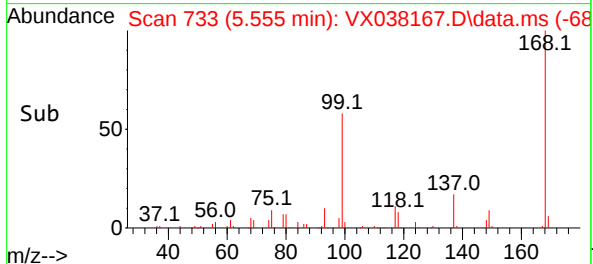
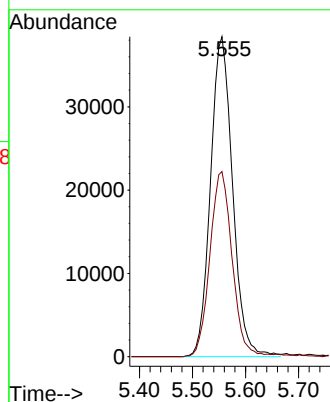
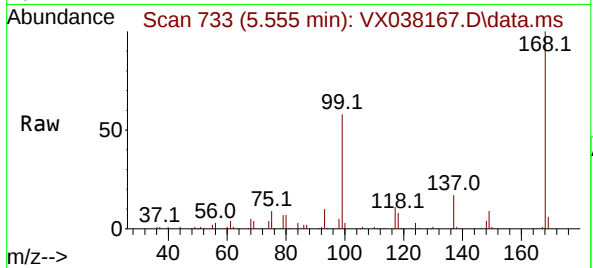




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 711
Delta R.T. -0.001 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

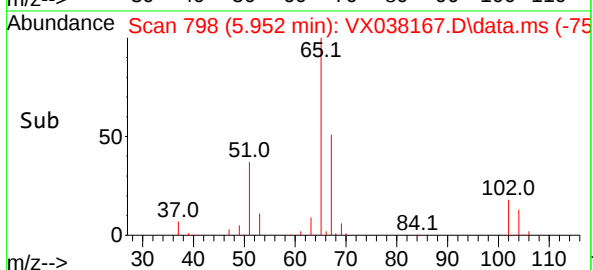
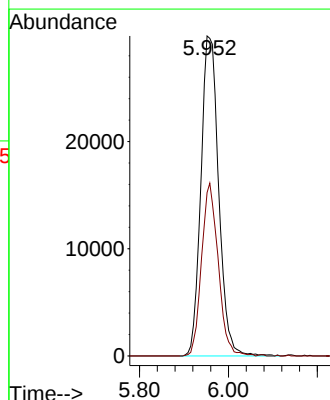
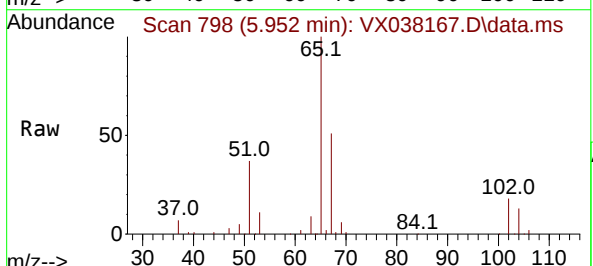
Instrument :
MSVOA_X
ClientSampleId :
TB

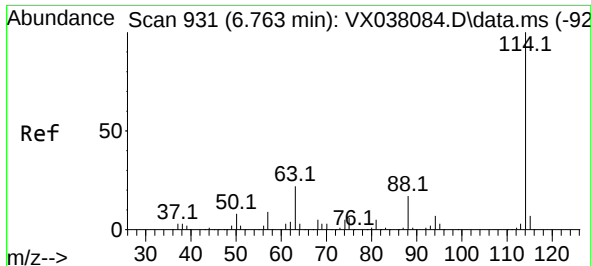
Tgt Ion:168 Resp: 111067
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.568 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

Tgt Ion: 65 Resp: 83191
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

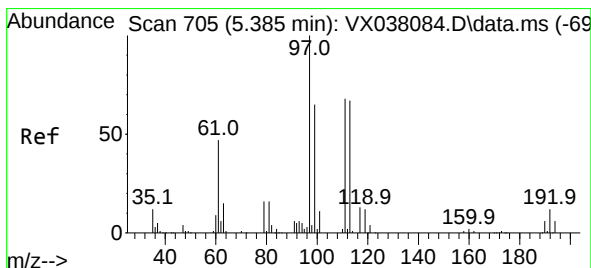
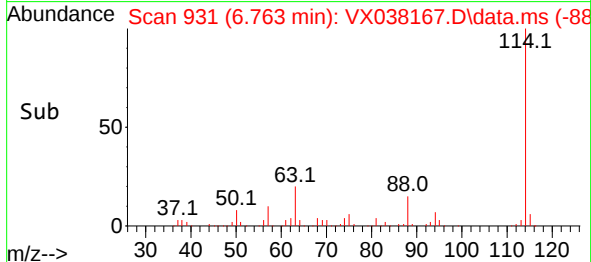
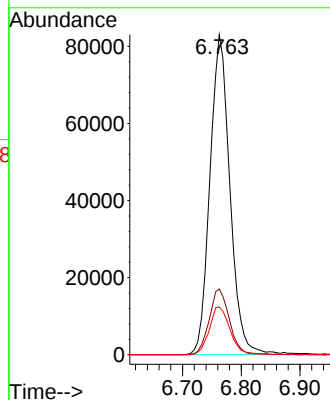
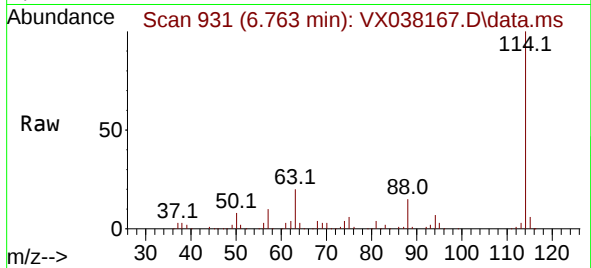




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

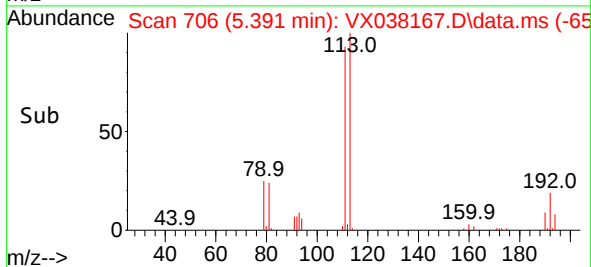
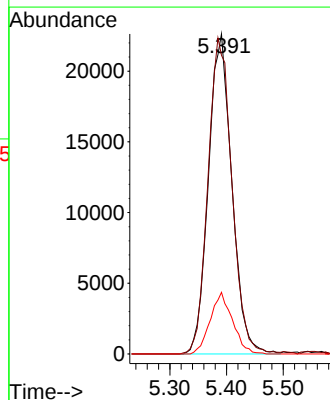
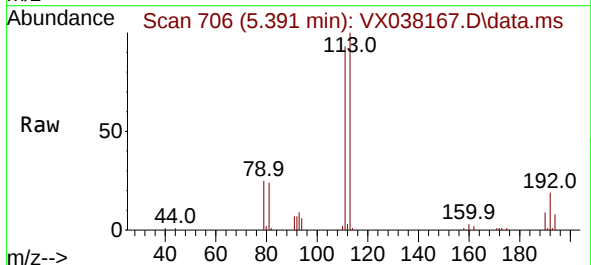
Instrument :
MSVOA_X
ClientSampleId :
TB

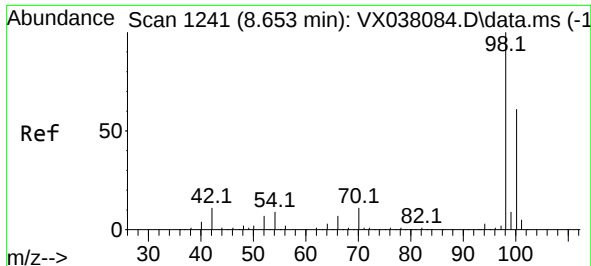
Tgt Ion:114 Resp: 196166
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.934 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

Tgt Ion:113 Resp: 64927
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 18.4 13.3 19.9

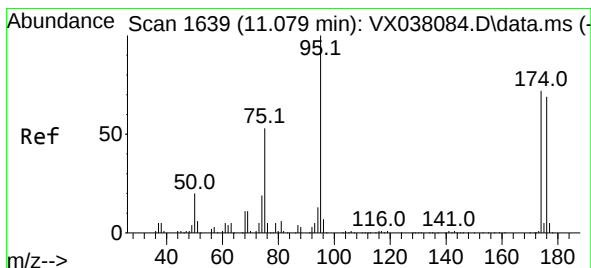
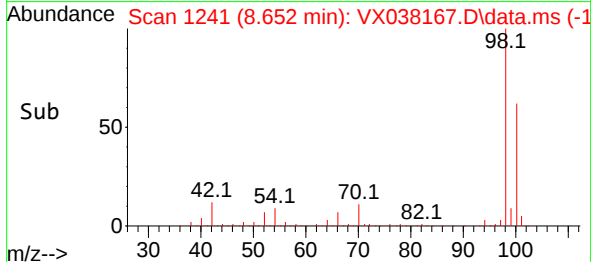
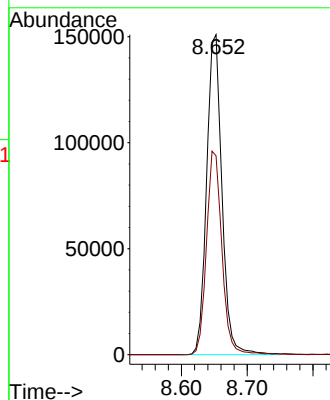
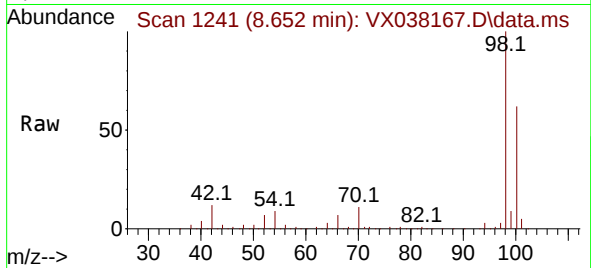




#50
Toluene-d8
Concen: 45.345 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

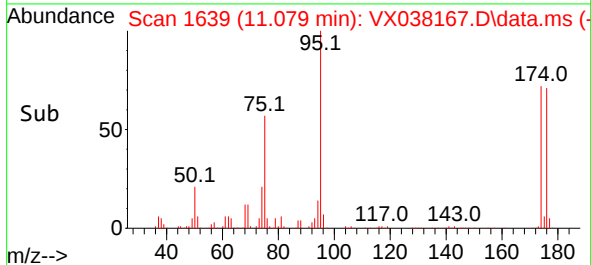
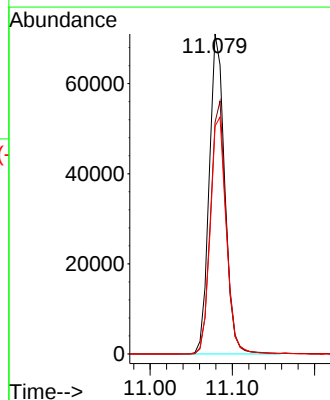
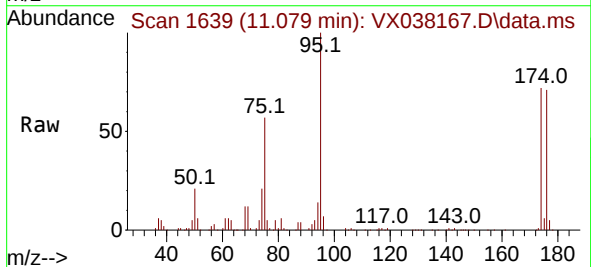
Instrument :
MSVOA_X
ClientSampleId :
TB

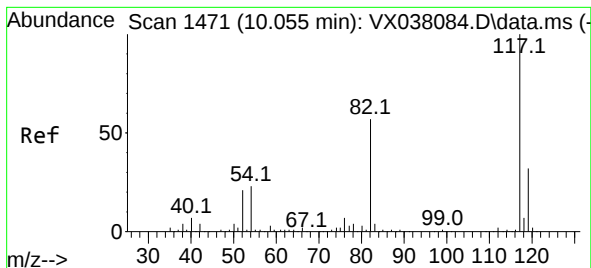
Tgt Ion: 98 Resp: 244924
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

Tgt Ion: 95 Resp: 93054
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 76.2 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: VX038167.D

Acq: 09 Oct 2023 13:27

Instrument :

MSVOA_X

ClientSampleId :

TB

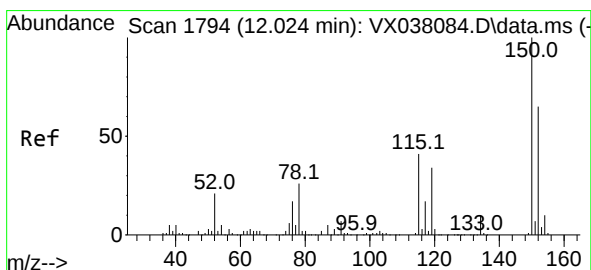
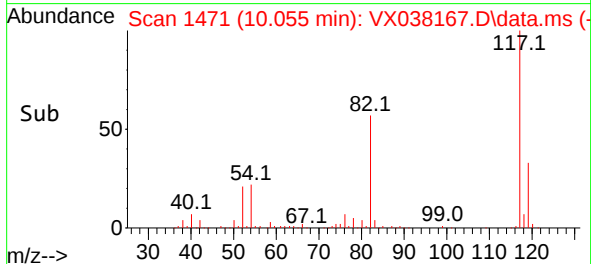
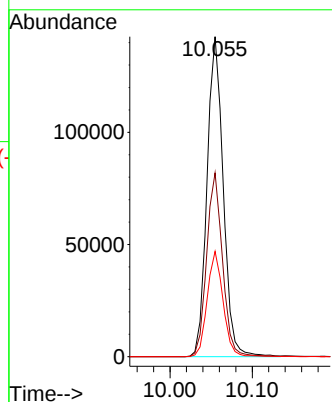
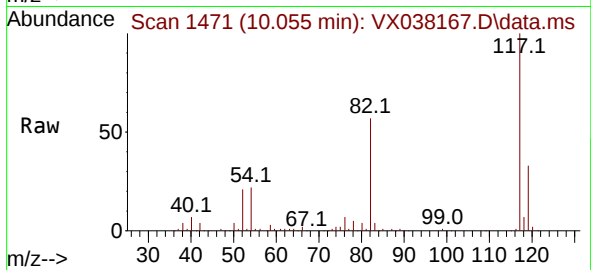
Tgt Ion:117 Resp: 195594

Ion Ratio Lower Upper

117 100

82 57.4 46.2 69.4

119 32.9 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: VX038167.D

Acq: 09 Oct 2023 13:27

Tgt Ion:152 Resp: 99394

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 158.3 0.0 345.0

