

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041304.D
 Acq On : 30 Apr 2024 17:03
 Operator : JC/MD
 Sample : P2284-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 01 02:48:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	196243	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	285419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103694	48.537	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.080%
35) Dibromofluoromethane	5.385	113	87759	45.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.740%
50) Toluene-d8	8.647	98	324247	52.965	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.920%
62) 4-Bromofluorobenzene	11.079	95	104745	44.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.400%

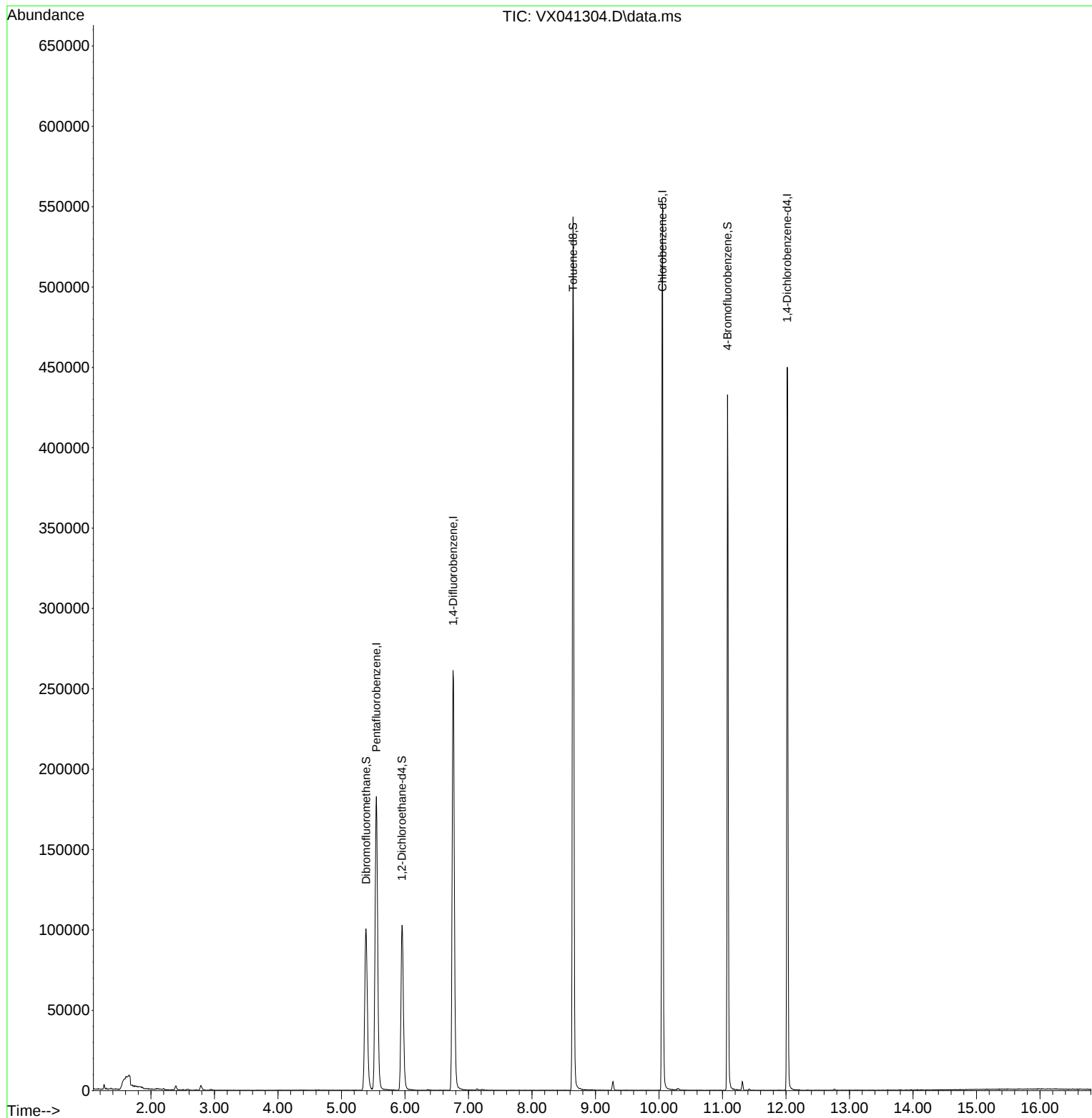
Target Compounds	Qvalue

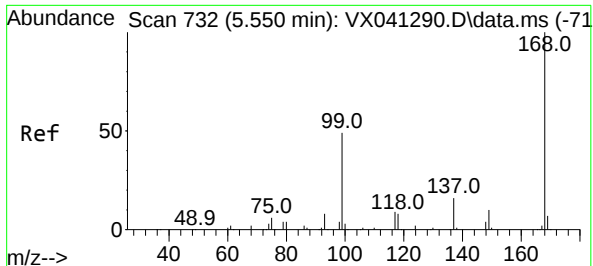
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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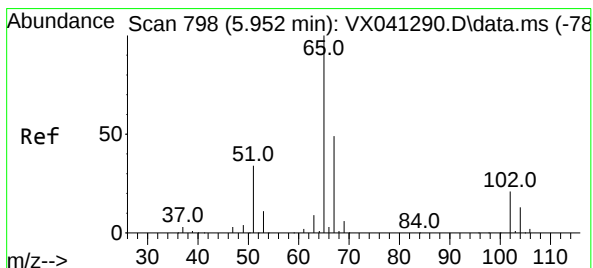
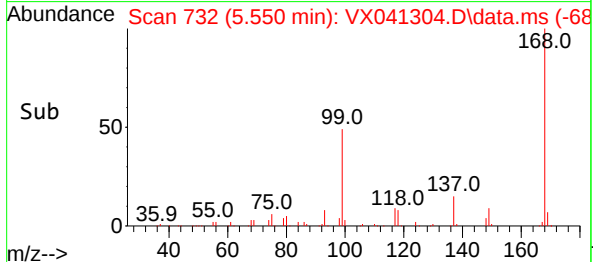
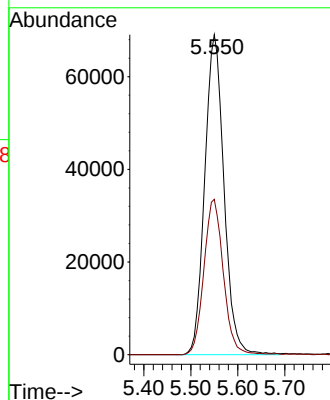
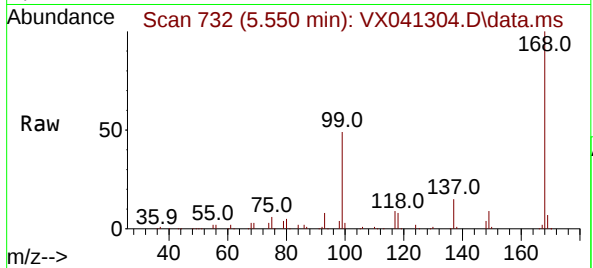




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

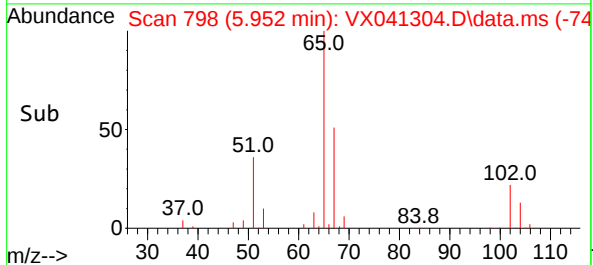
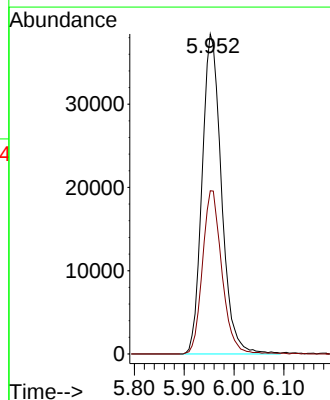
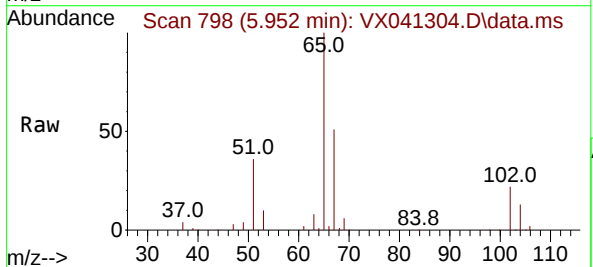
Instrument :
MSVOA_X
ClientSampleId :
TB

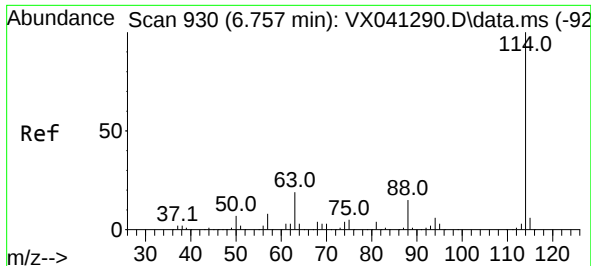
Tgt Ion:168 Resp: 196243
Ion Ratio Lower Upper
168 100
99 48.5 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 48.537 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

Tgt Ion: 65 Resp: 103694
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

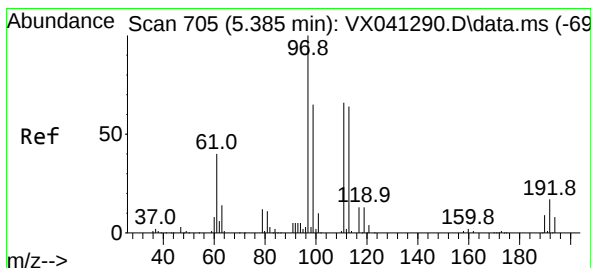
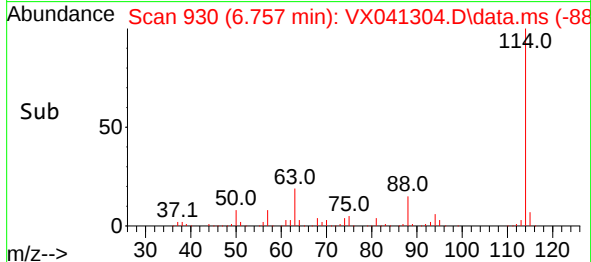
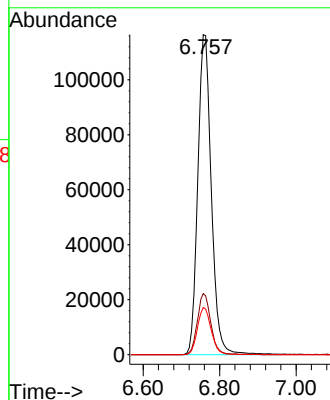
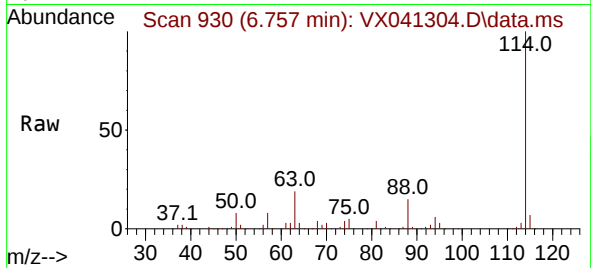




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

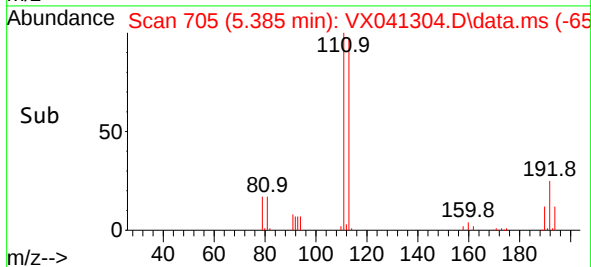
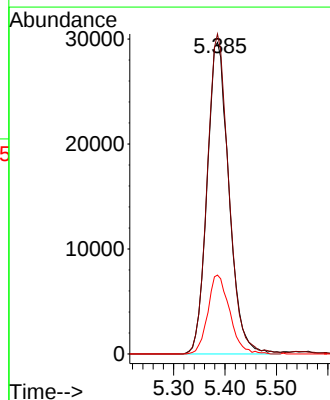
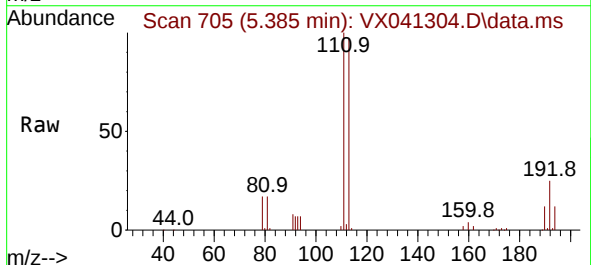
Instrument :
MSVOA_X
ClientSampleId :
TB

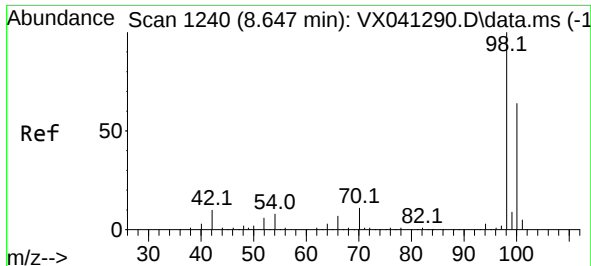
Tgt Ion:114 Resp: 285419
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.372 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

Tgt Ion:113 Resp: 87759
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 25.3 13.3 19.9#

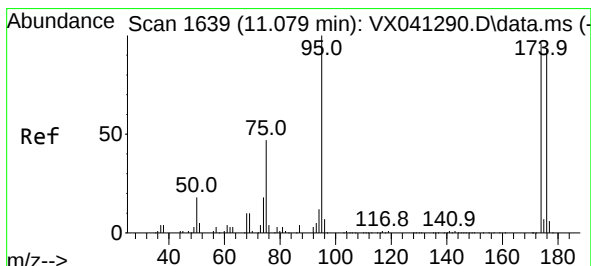
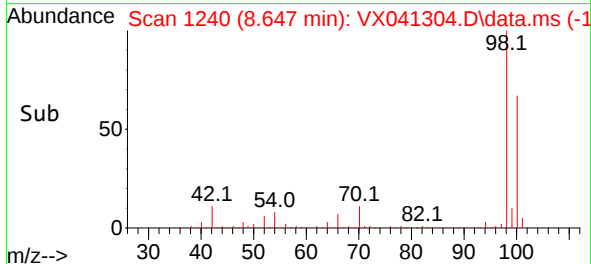
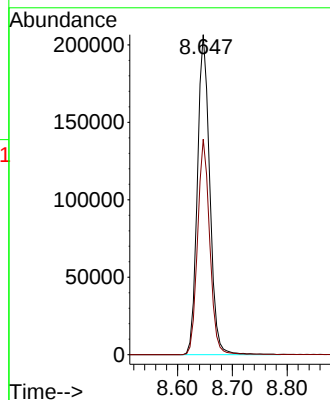
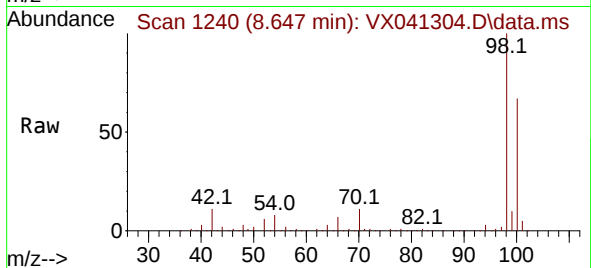




#50
Toluene-d8
Concen: 52.965 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

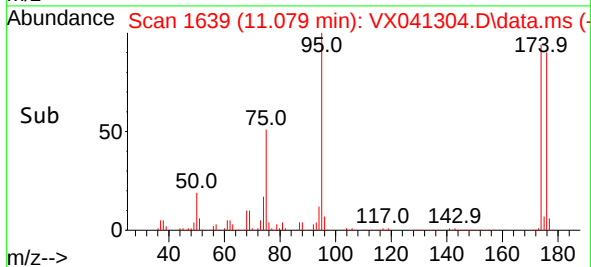
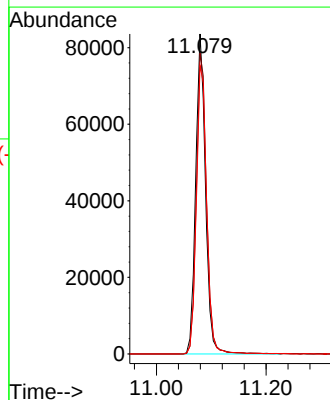
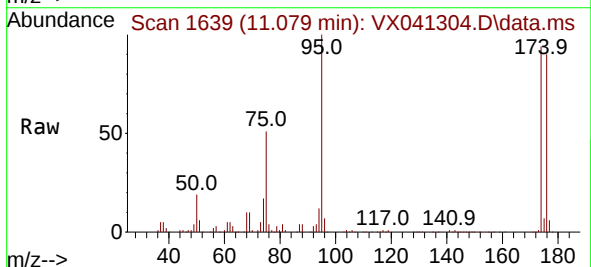
Instrument :
MSVOA_X
ClientSampleId :
TB

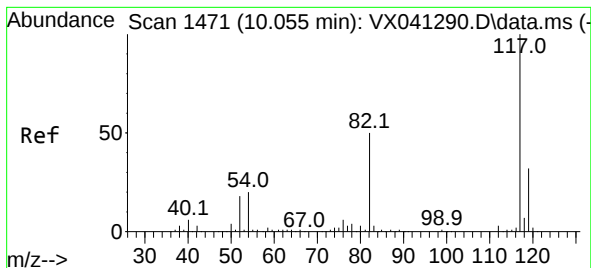
Tgt Ion: 98 Resp: 324247
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

Tgt Ion: 95 Resp: 104745
Ion Ratio Lower Upper
95 100
174 97.2 0.0 135.6
176 94.1 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: VX041304.D

Acq: 30 Apr 2024 17:03

Instrument :

MSVOA_X

ClientSampleId :

TB

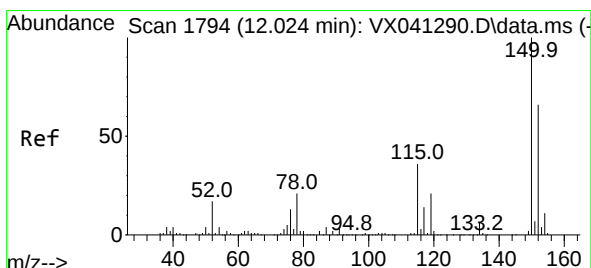
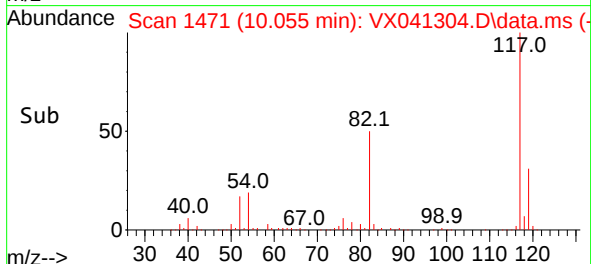
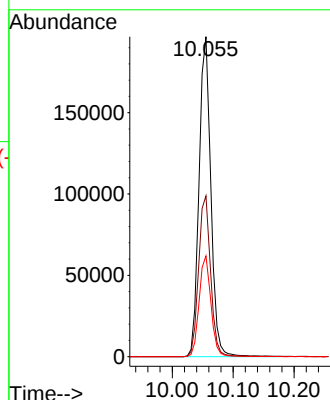
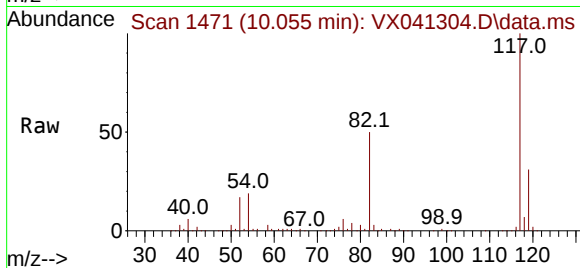
Tgt Ion:117 Resp: 264374

Ion Ratio Lower Upper

117 100

82 50.2 46.2 69.4

119 31.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX041304.D

Acq: 30 Apr 2024 17:03

Tgt Ion:152 Resp: 102304

Ion Ratio Lower Upper

152 100

115 52.5 43.3 129.9

150 154.5 0.0 345.0

