

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039203.D
 Acq On : 14 Dec 2023 12:53
 Operator : JC/MD
 Sample : 05719-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20231205

Quant Time: Dec 15 02:59:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97961	49.085	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.180%
35) Dibromofluoromethane	5.385	113	73455	47.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.647	98	279583	48.579	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	127576	53.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.460%

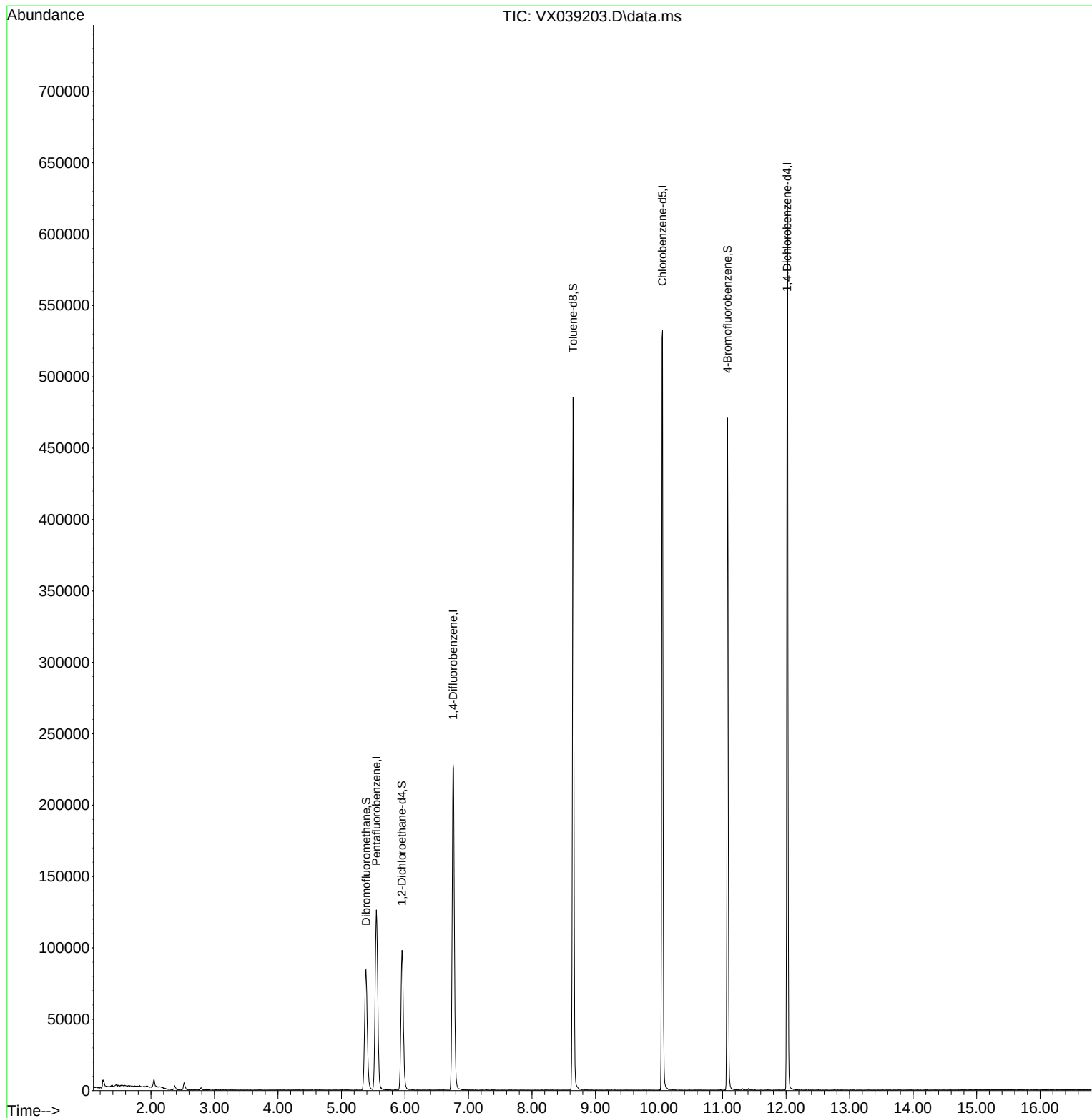
Target Compounds	Qvalue

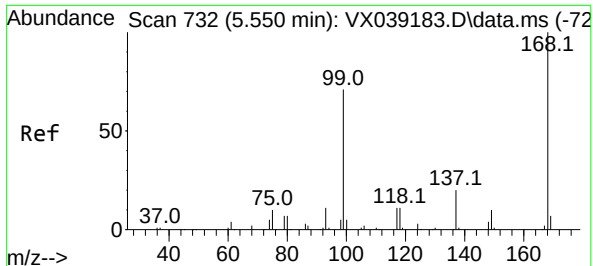
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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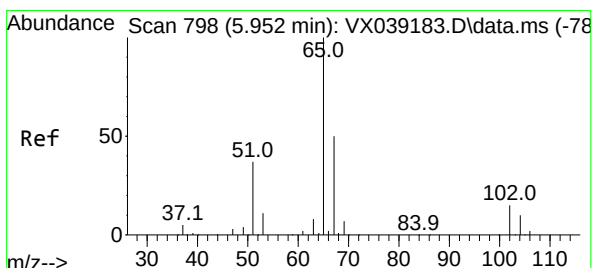
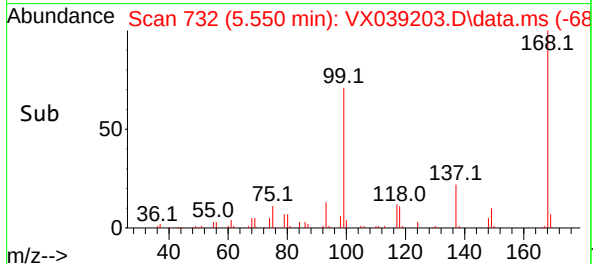
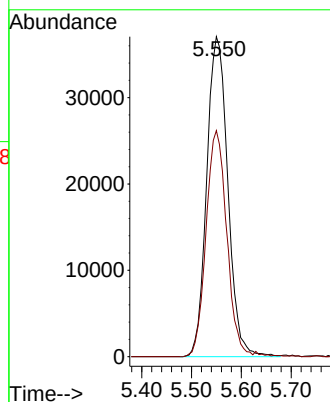
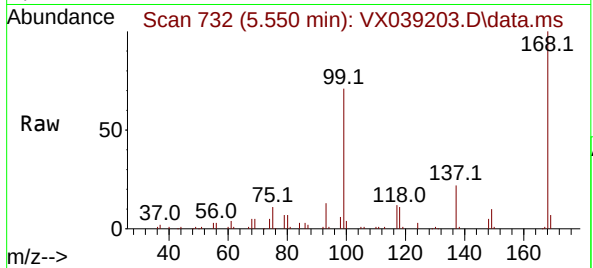




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

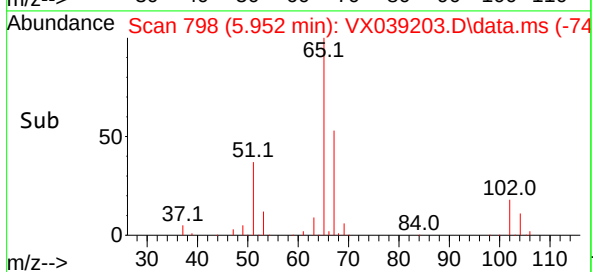
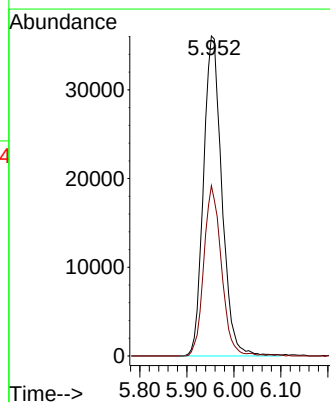
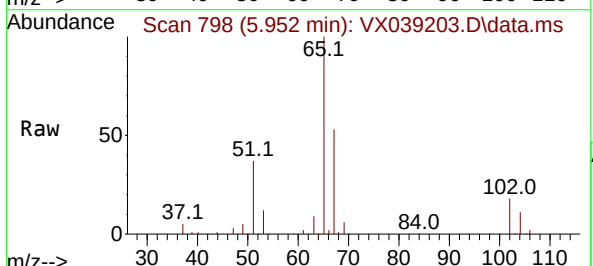
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20231205

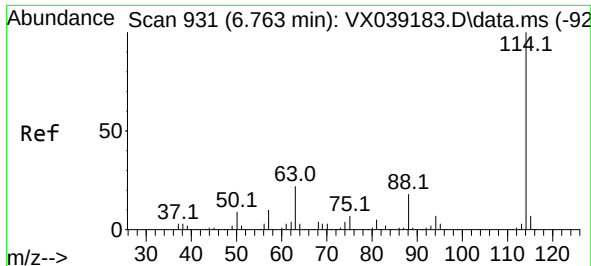
Tgt Ion:168 Resp: 108942
Ion Ratio Lower Upper
168 100
99 70.6 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 49.085 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

Tgt Ion: 65 Resp: 97961
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

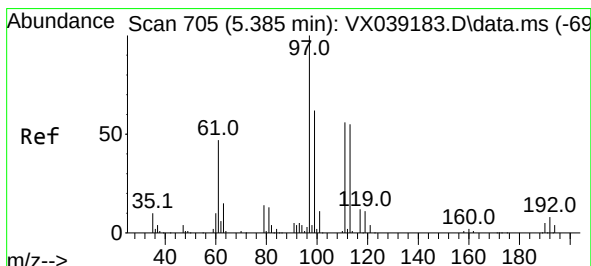
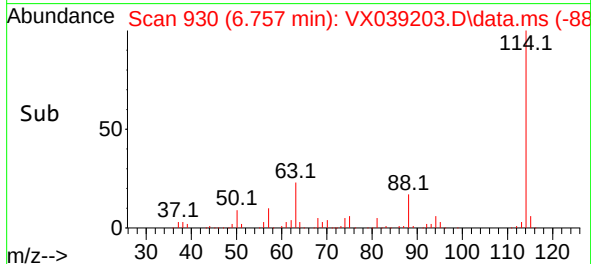
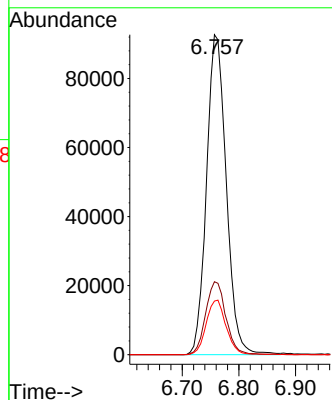
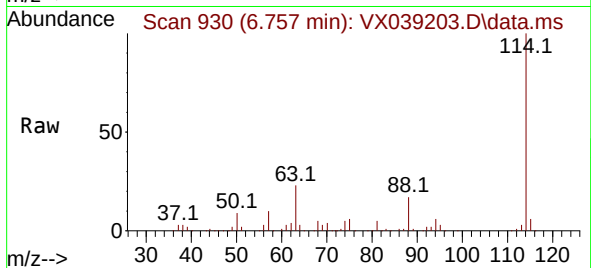




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

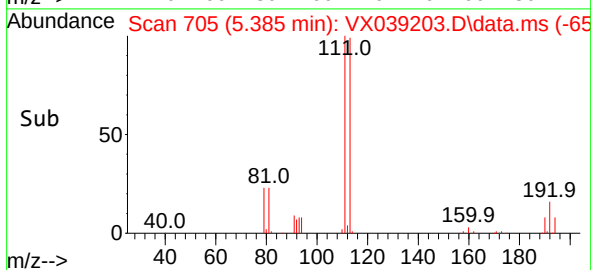
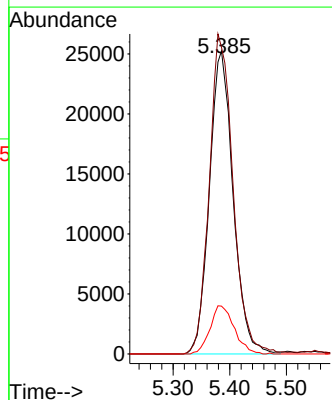
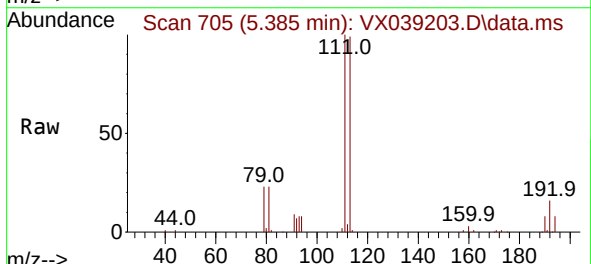
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20231205

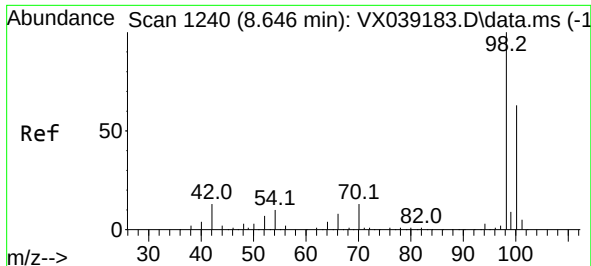
Tgt Ion:114 Resp: 224395
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.383 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

Tgt Ion:113 Resp: 73455
Ion Ratio Lower Upper
113 100
111 105.9 82.9 124.3
192 16.2 13.3 19.9

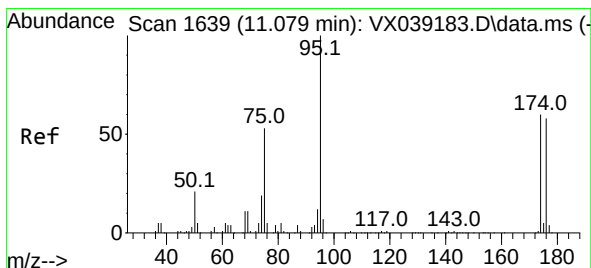
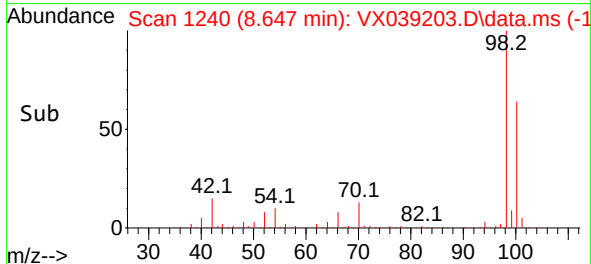
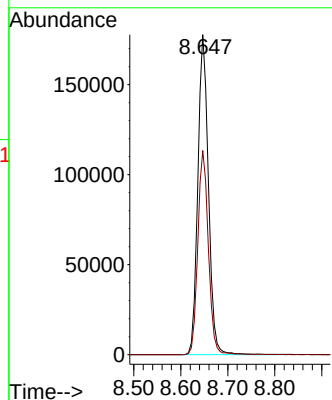
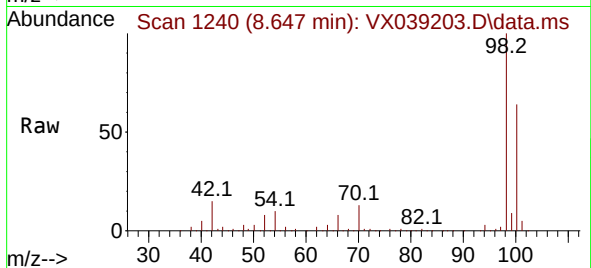




#50
Toluene-d8
Concen: 48.579 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

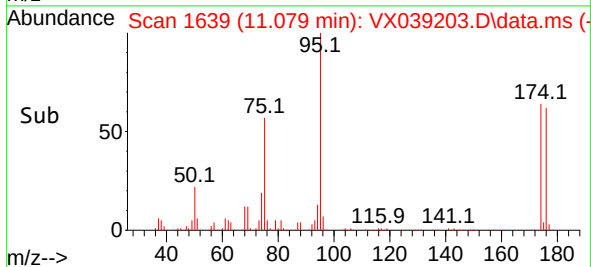
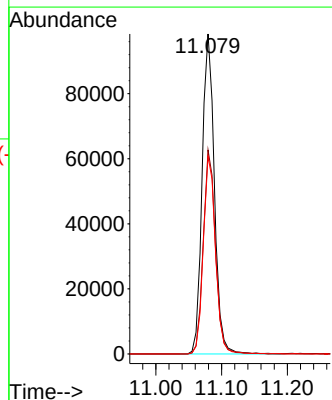
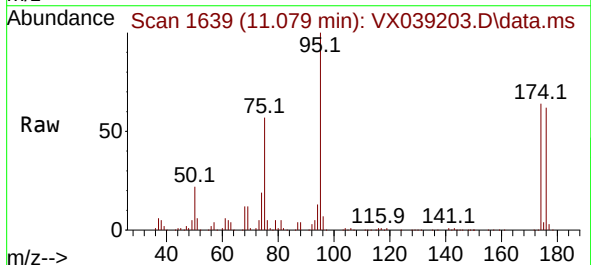
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20231205

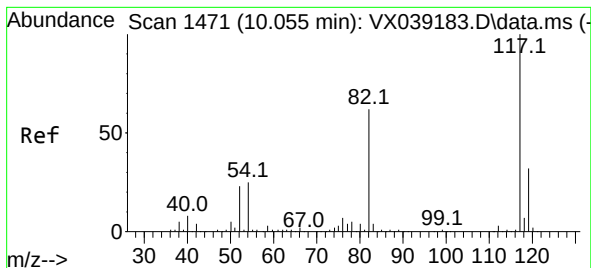
Tgt Ion: 98 Resp: 279583
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.725 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

Tgt Ion: 95 Resp: 127576
Ion Ratio Lower Upper
95 100
174 63.6 0.0 135.6
176 61.5 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: VX039203.D

Acq: 14 Dec 2023 12:53

Instrument :

MSVOA_X

ClientSampleId :

BP-TB-20231205

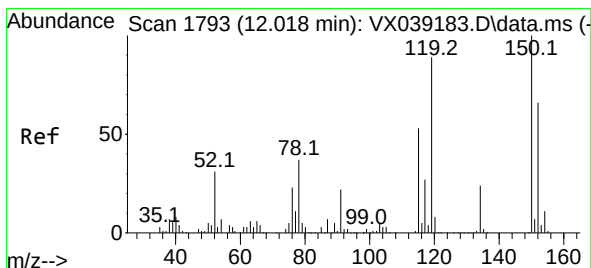
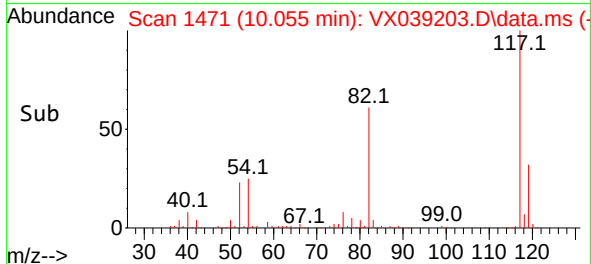
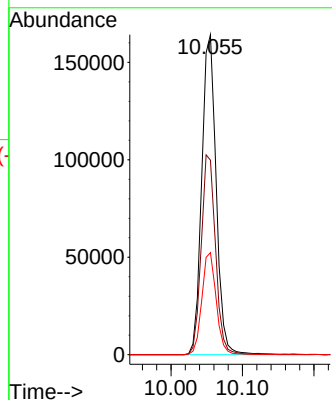
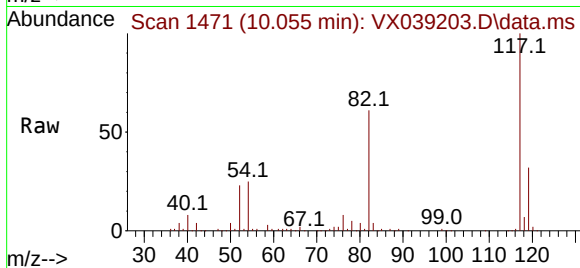
Tgt Ion:117 Resp: 230194

Ion Ratio Lower Upper

117 100

82 60.8 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039203.D

Acq: 14 Dec 2023 12:53

Tgt Ion:152 Resp: 116124

Ion Ratio Lower Upper

152 100

115 68.6 43.3 129.9

150 158.3 0.0 345.0

