

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039452.D
 Acq On : 22 Dec 2023 19:53
 Operator : JC/MD
 Sample : 05975-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-122023

Quant Time: Dec 23 06:30:09 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	5.556	168	97791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88907	49.628	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.260%
35) Dibromofluoromethane	5.385	113	70072	48.854	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	8.647	98	267684	50.270	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.540%
62) 4-Bromofluorobenzene	11.079	95	118940	54.137	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.280%

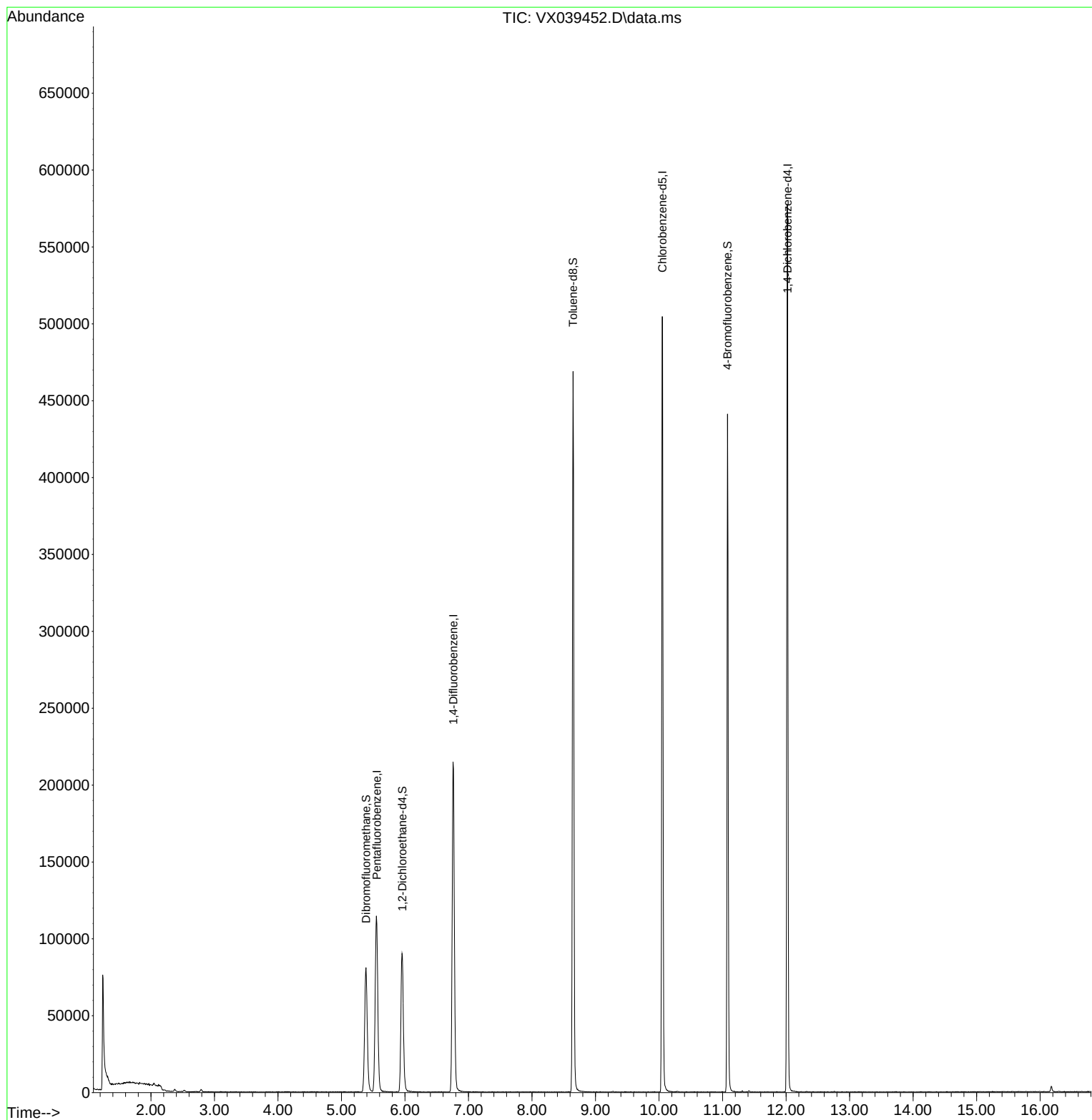
Target Compounds	Qvalue

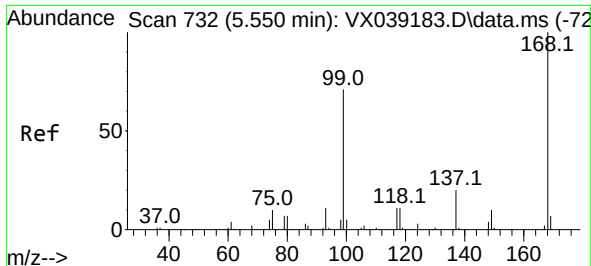
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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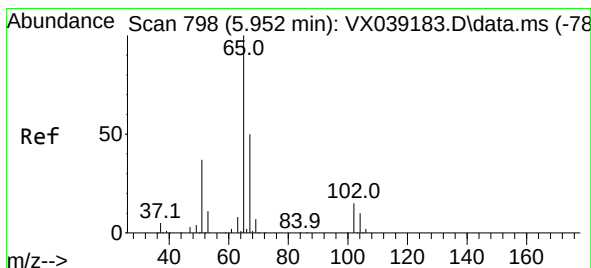
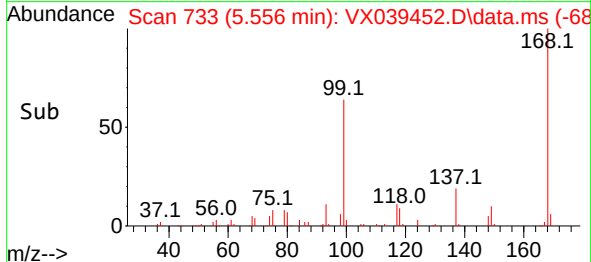
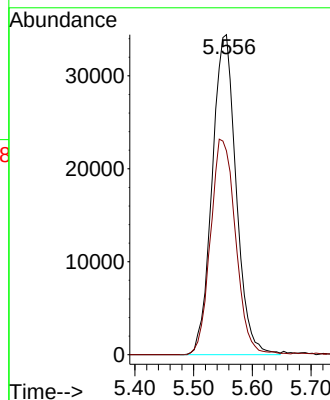
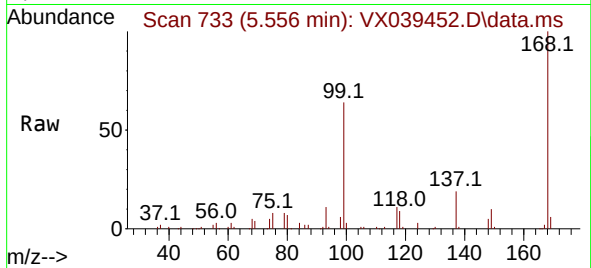




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

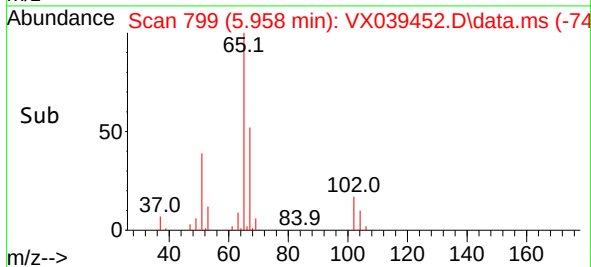
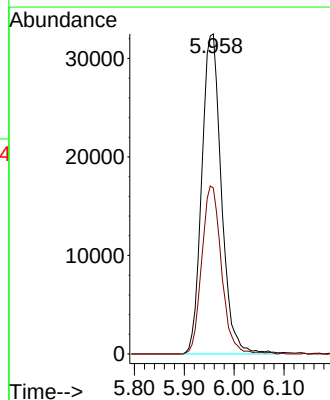
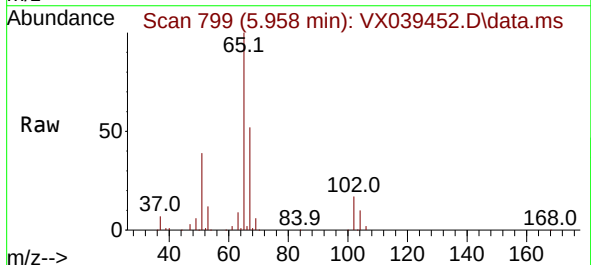
Instrument :
MSVOA_X
ClientSampleId :
TB01-122023

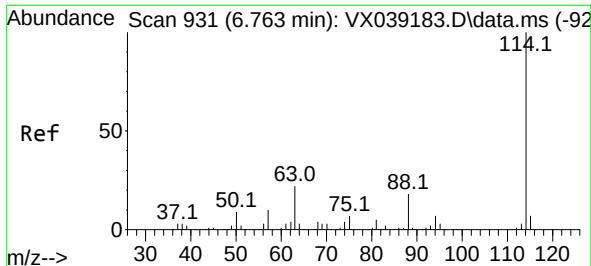
Tgt Ion:168 Resp: 97791
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 49.628 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

Tgt Ion: 65 Resp: 88907
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

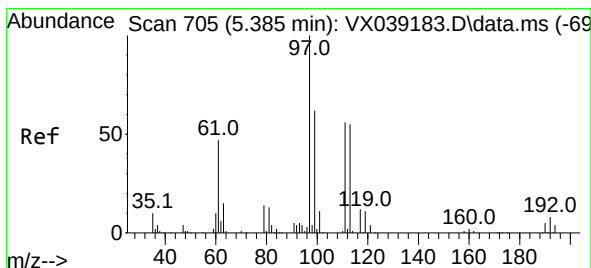
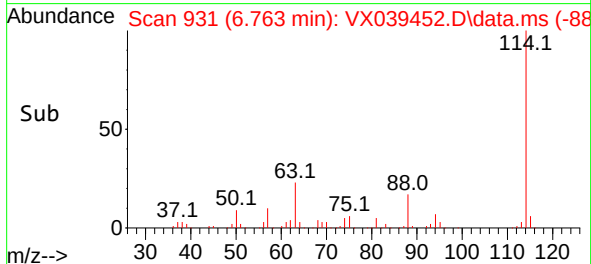
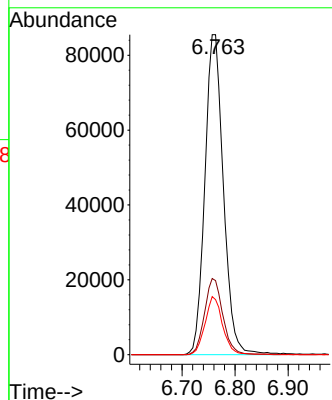
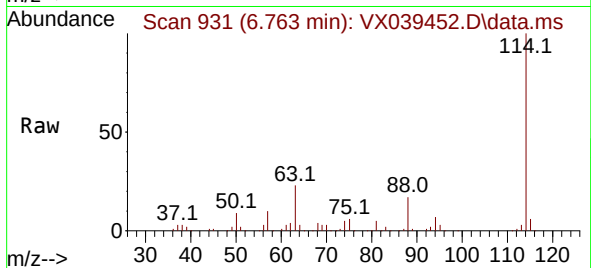




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

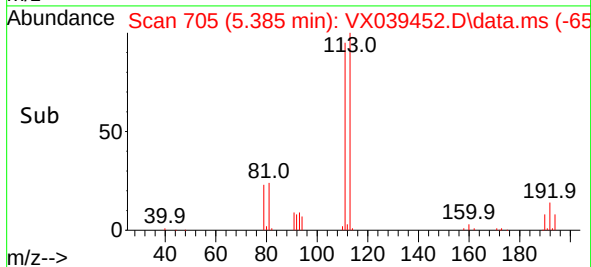
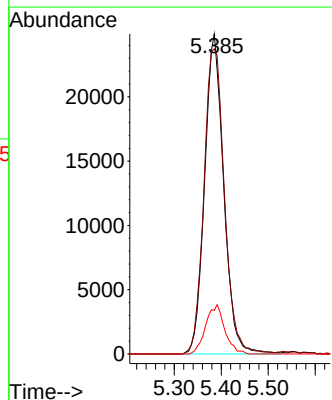
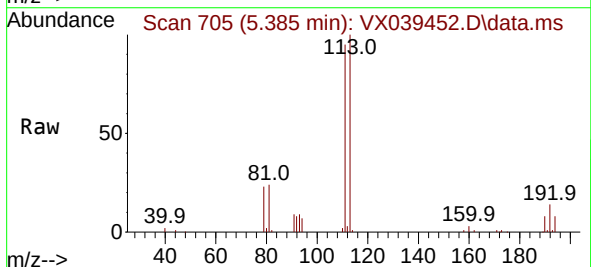
Instrument :
MSVOA_X
ClientSampleId :
TB01-122023

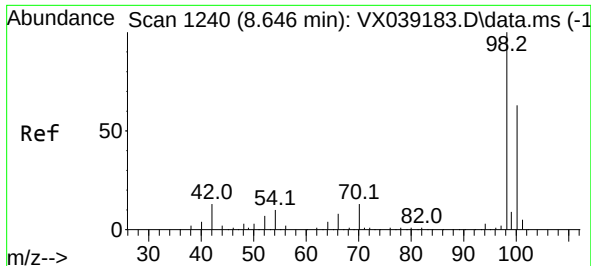
Tgt Ion:114 Resp: 207615
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.854 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

Tgt Ion:113 Resp: 70072
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 15.4 13.3 19.9

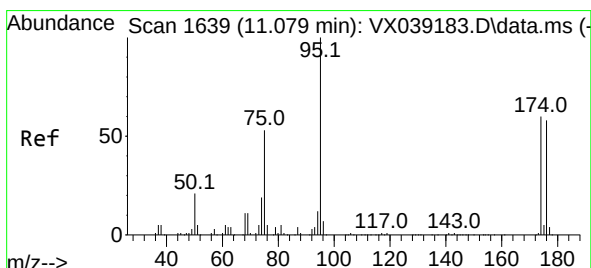
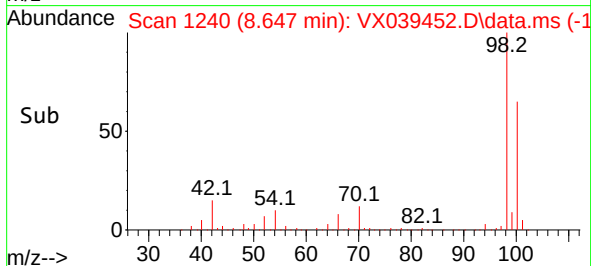
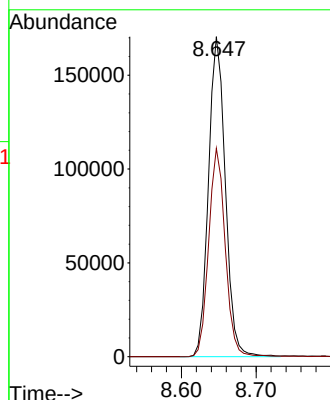
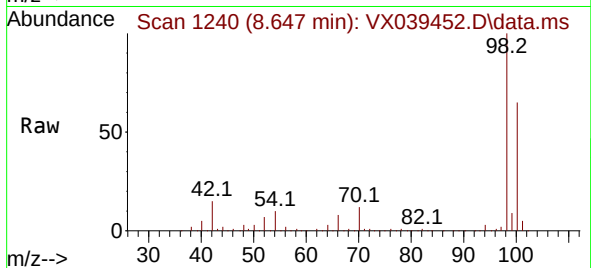




#50
Toluene-d8
Concen: 50.270 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

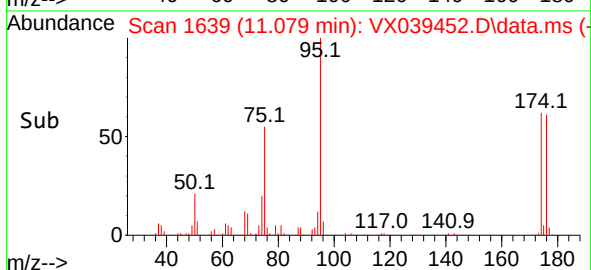
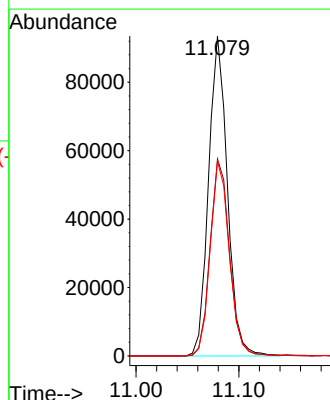
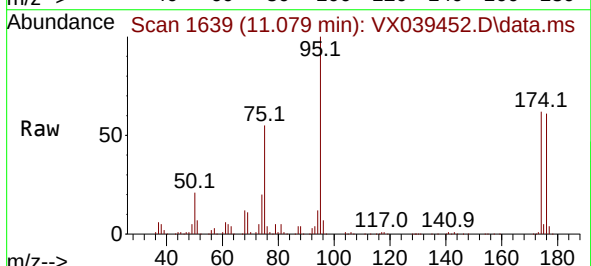
Instrument :
MSVOA_X
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TB01-122023

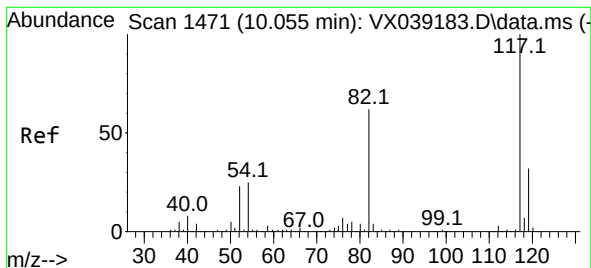
Tgt Ion: 98 Resp: 267684
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.137 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

Tgt Ion: 95 Resp: 118940
Ion Ratio Lower Upper
95 100
174 63.4 0.0 135.6
176 61.7 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: VX039452.D

Acq: 22 Dec 2023 19:53

Instrument :

MSVOA_X

ClientSampleId :

TB01-122023

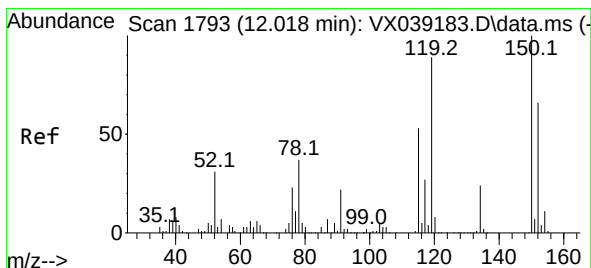
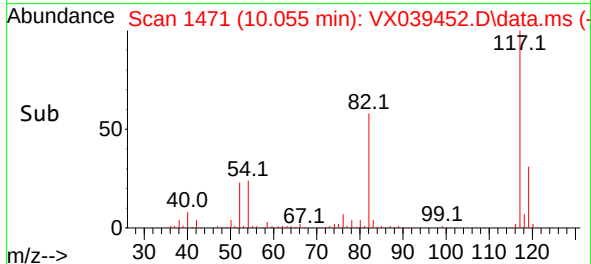
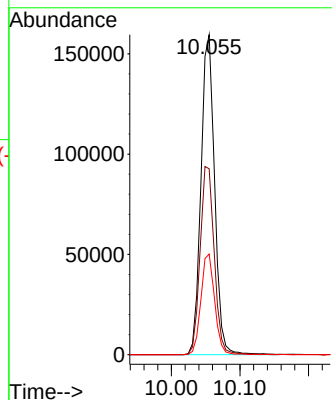
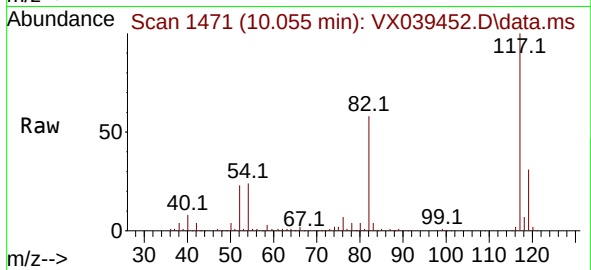
Tgt Ion:117 Resp: 221653

Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.4

119 31.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039452.D

Acq: 22 Dec 2023 19:53

Tgt Ion:152 Resp: 110243

Ion Ratio Lower Upper

152 100

115 67.1 43.3 129.9

150 157.3 0.0 345.0

