

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037674.D
 Acq On : 12 Sep 2023 17:26
 Operator : JC/MD
 Sample : 04394-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Sep 13 01:47:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

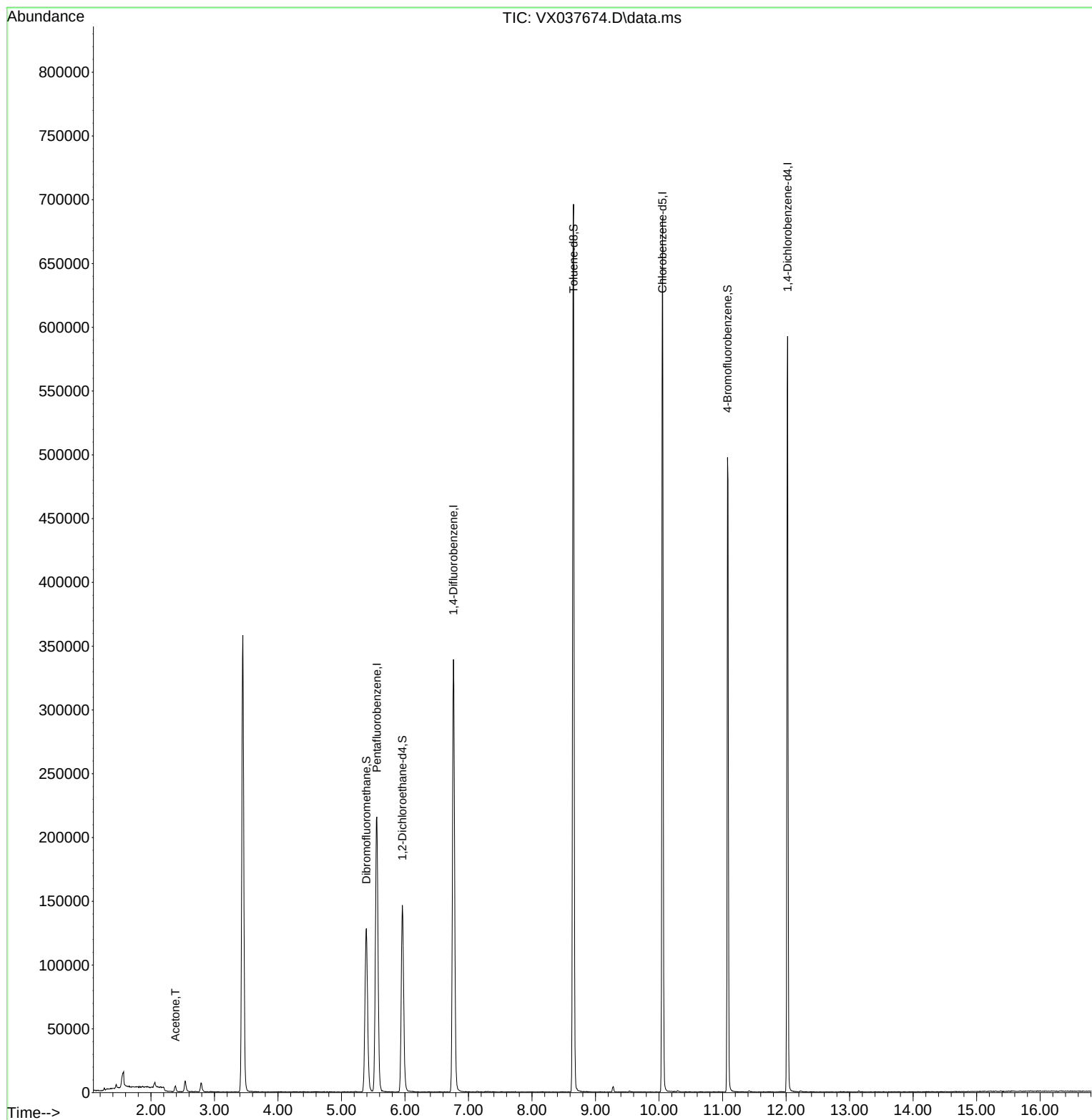
Internal Standards						
1) Pentafluorobenzene	5.556	168	199510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	345060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141146	43.726	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.460%
35) Dibromofluoromethane	5.391	113	111091	45.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.840%
50) Toluene-d8	8.653	98	424469	46.017	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.040%
62) 4-Bromofluorobenzene	11.079	95	132324	39.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.520%#
Target Compounds						
16) Acetone	2.386	43	5025	3.851	ug/l	Qvalue 97

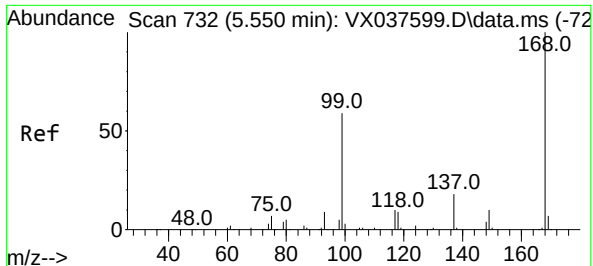
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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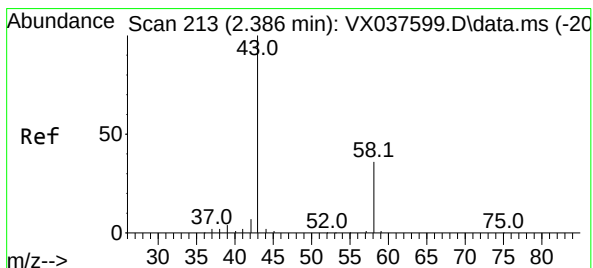
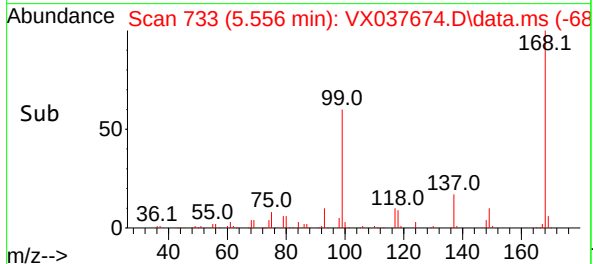
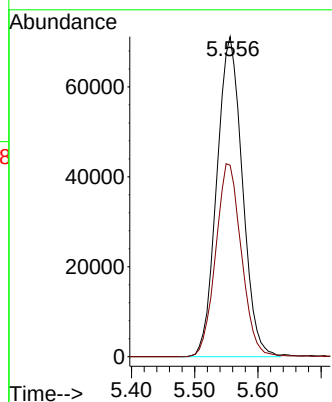
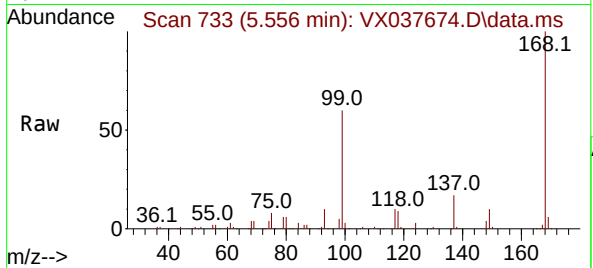




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

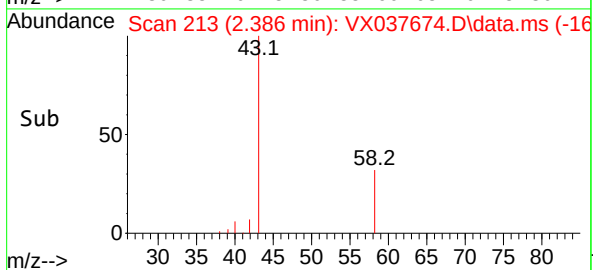
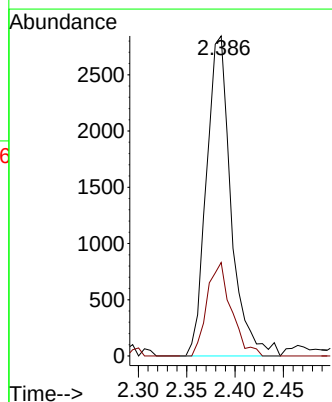
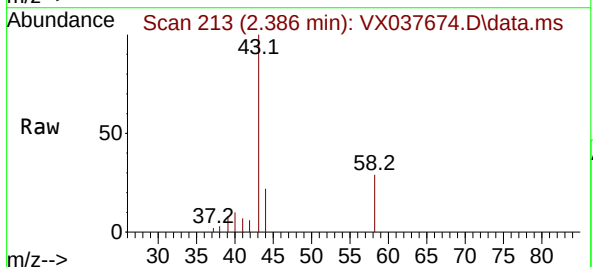
Instrument :
MSVOA_X
ClientSampleId :
TB

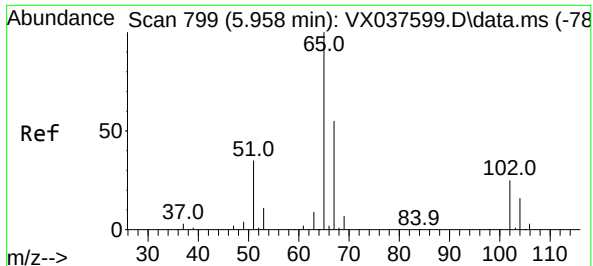
Tgt Ion:168 Resp: 199510
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0



#16
Acetone
Concen: 3.851 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

Tgt Ion: 43 Resp: 5025
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 43.726 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037674.D

Acq: 12 Sep 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

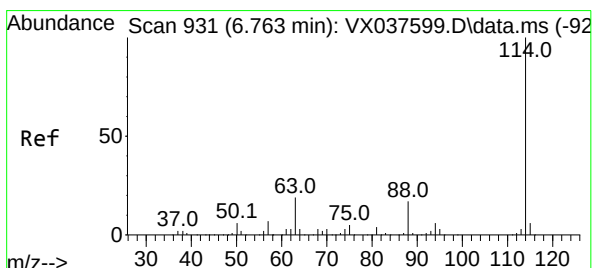
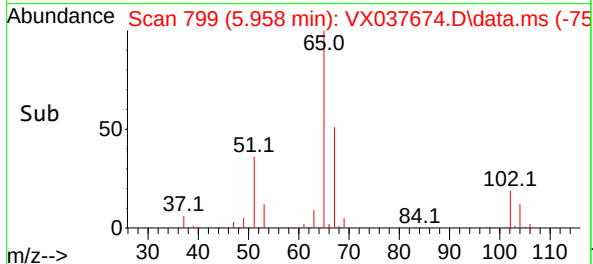
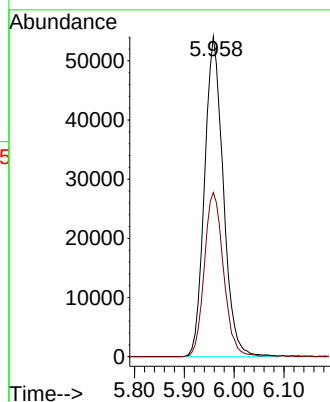
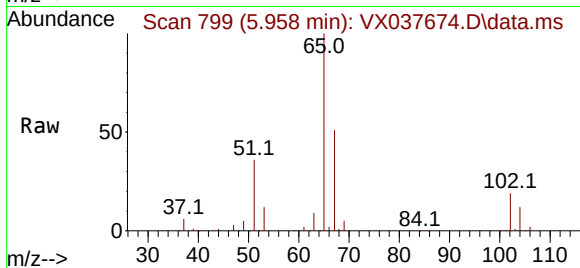
TB

Tgt Ion: 65 Resp: 141146

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037674.D

Acq: 12 Sep 2023 17:26

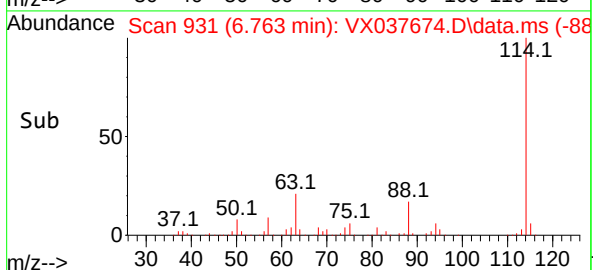
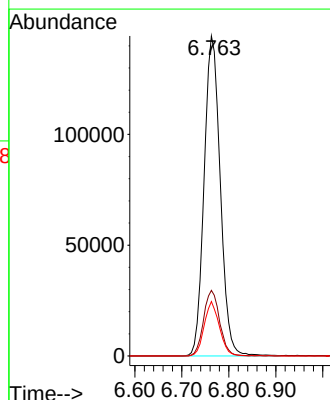
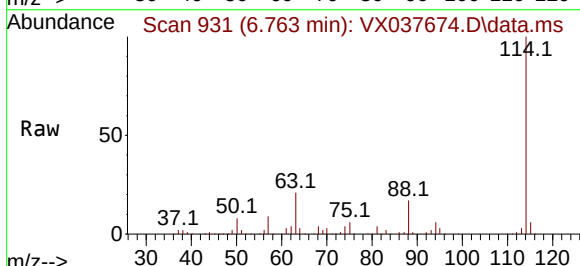
Tgt Ion: 114 Resp: 345060

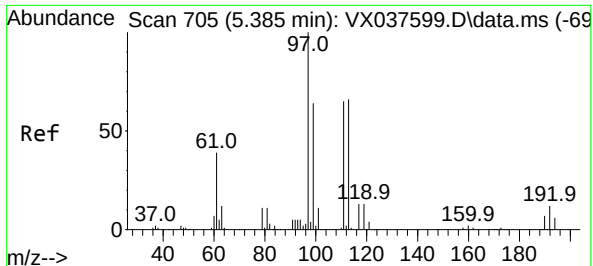
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 17.0 0.0 36.6

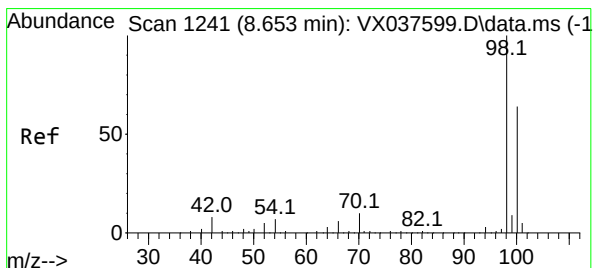
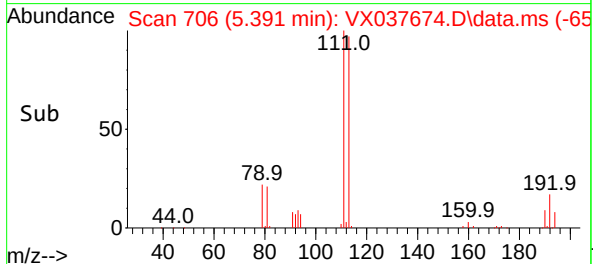
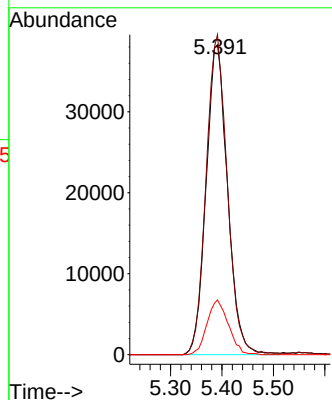
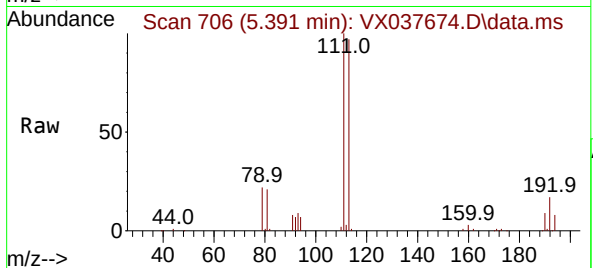




#35
Dibromofluoromethane
Concen: 45.421 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

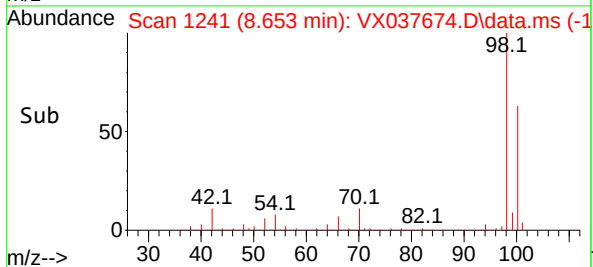
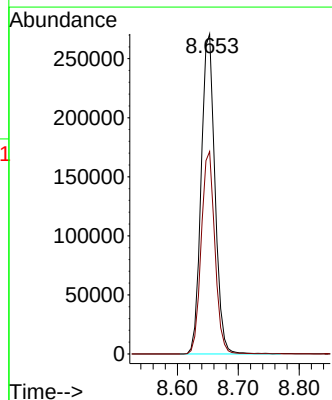
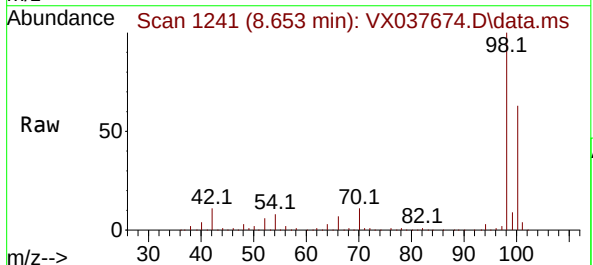
Instrument :
MSVOA_X
ClientSampleId :
TB

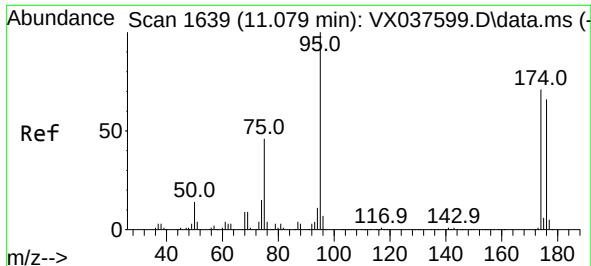
Tgt Ion:113 Resp: 111091
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 17.6 13.3 19.9



#50
Toluene-d8
Concen: 46.017 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

Tgt Ion: 98 Resp: 424469
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 39.762 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037674.D

Acq: 12 Sep 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

TB

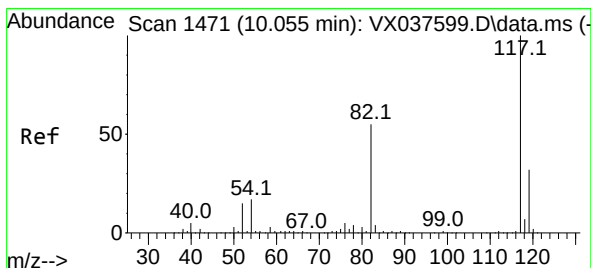
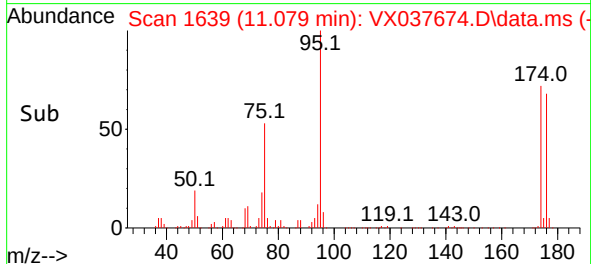
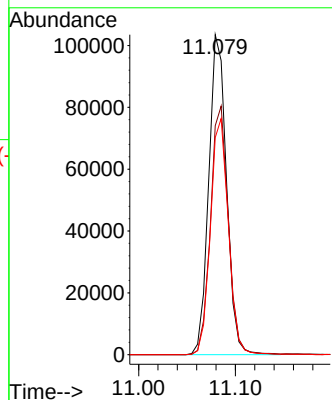
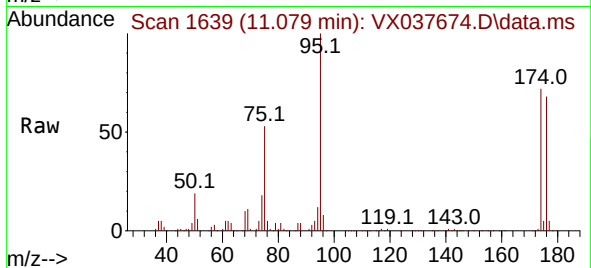
Tgt Ion: 95 Resp: 132324

Ion Ratio Lower Upper

95 100

174 78.1 0.0 135.6

176 74.6 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: VX037674.D

Acq: 12 Sep 2023 17:26

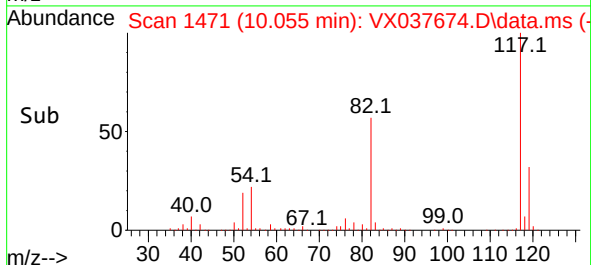
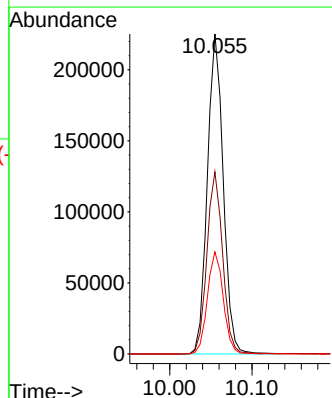
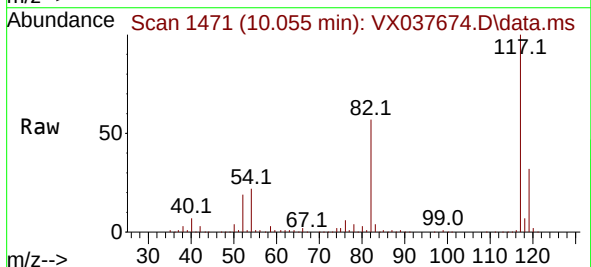
Tgt Ion: 117 Resp: 302695

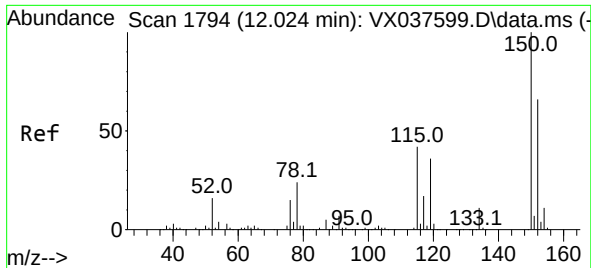
Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.4

119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037674.D

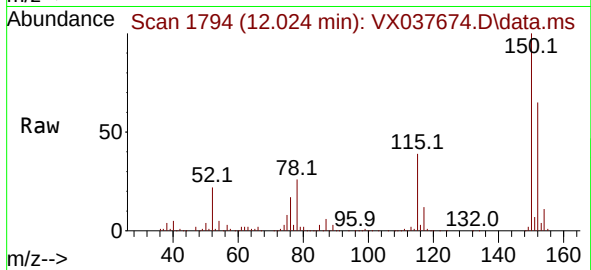
Acq: 12 Sep 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

TB



Tgt Ion:152 Resp: 120130

Ion Ratio Lower Upper

152 100

115 60.6 43.3 129.9

150 158.0 0.0 345.0

