

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034914.D
 Acq On : 01 Apr 2023 09:38
 Operator : JC/MD
 Sample : 02167-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

Quant Time: Apr 03 02:13:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	263795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203662	50.482	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.960%
35) Dibromofluoromethane	5.385	113	143892	47.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	8.647	98	547114	49.102	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.079	95	204735	47.482	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.960%

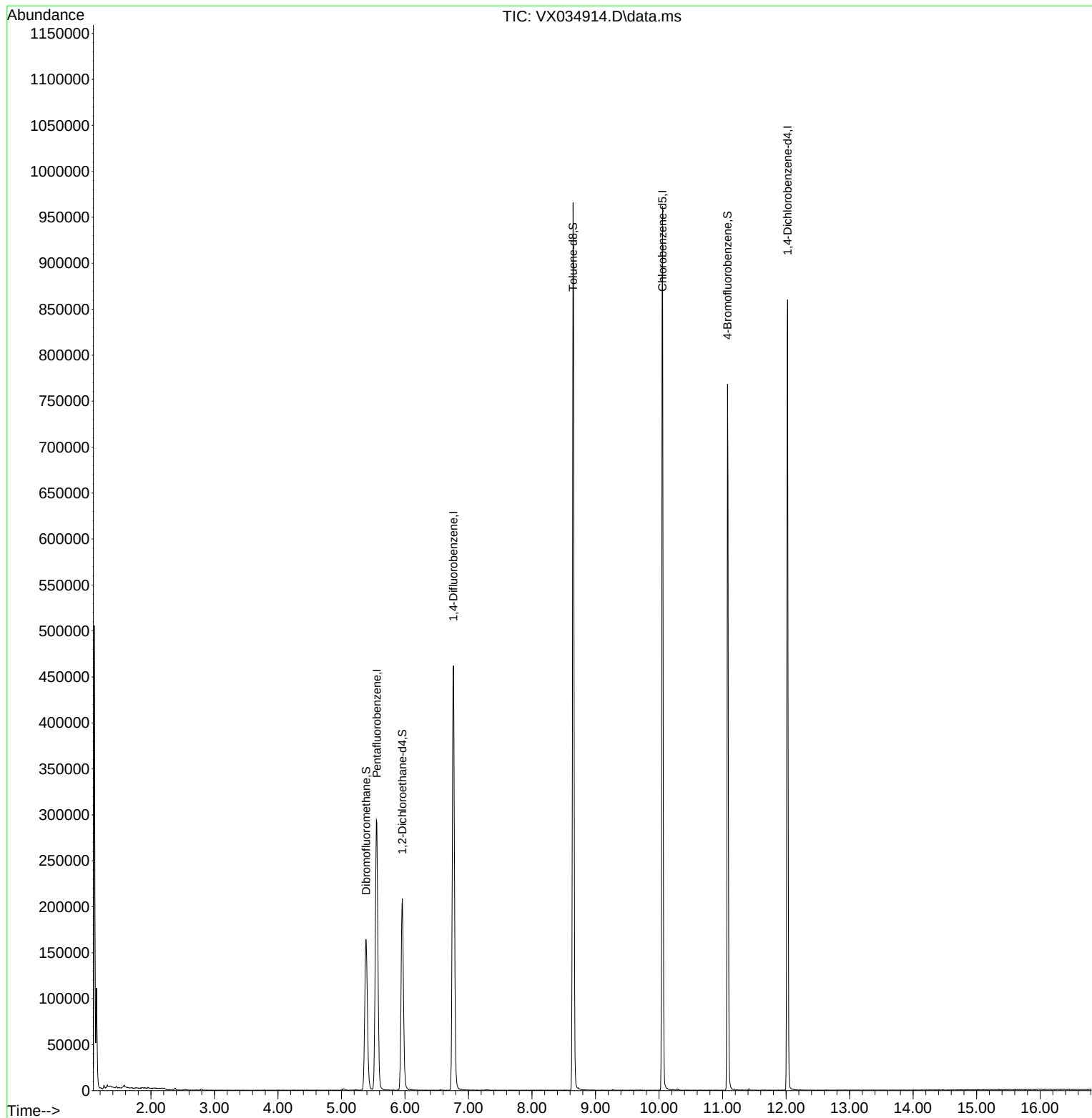
Target Compounds	Qvalue

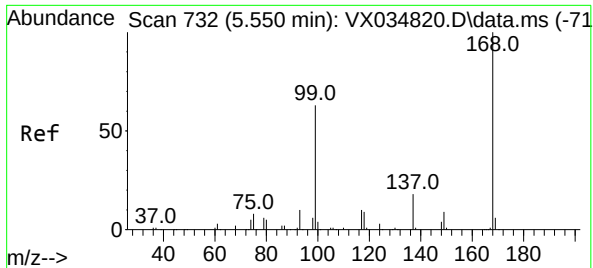
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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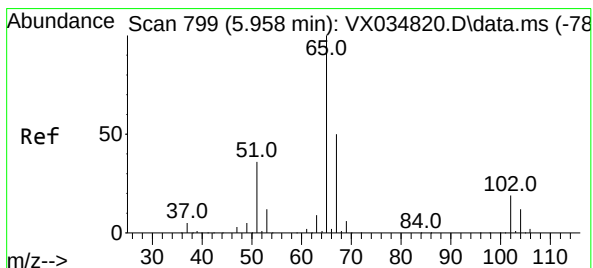
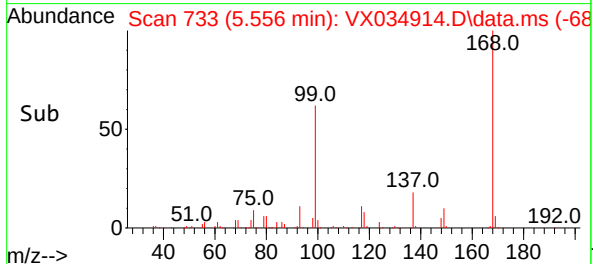
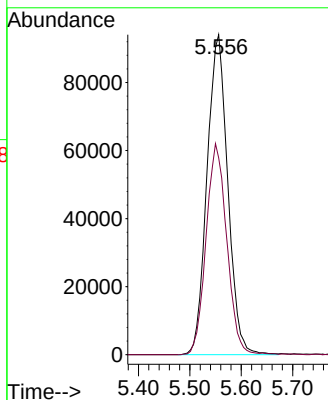
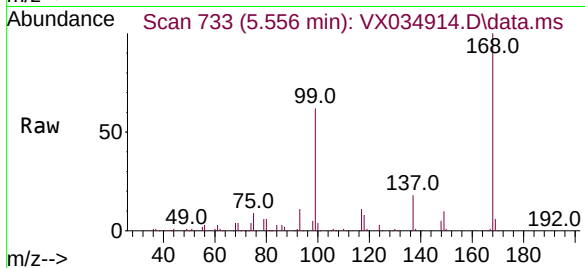




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

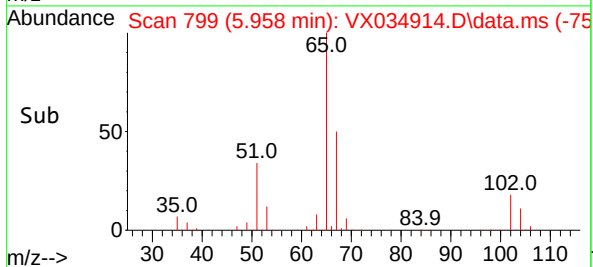
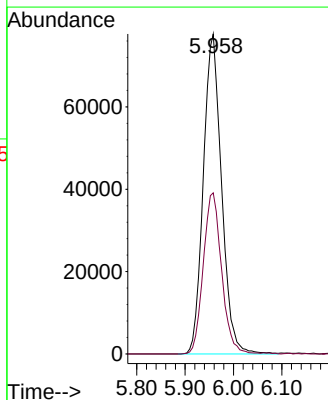
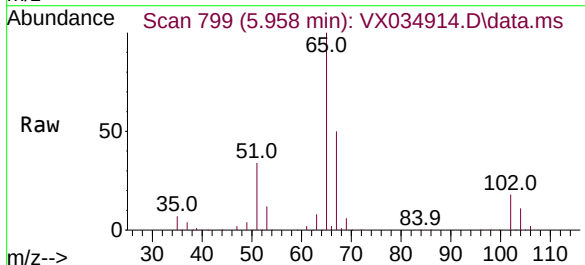
Instrument :
MSVOA_X
ClientSampleId :
TW-1

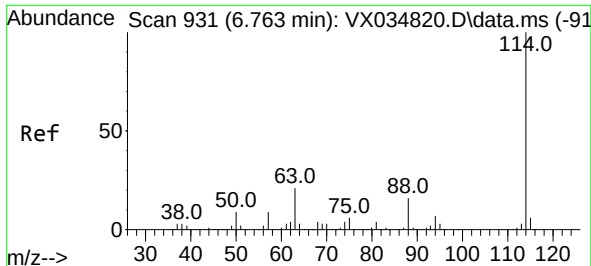
Tgt Ion:168 Resp: 263795
Ion Ratio Lower Upper
168 100
99 61.5 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 50.482 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

Tgt Ion: 65 Resp: 203662
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0

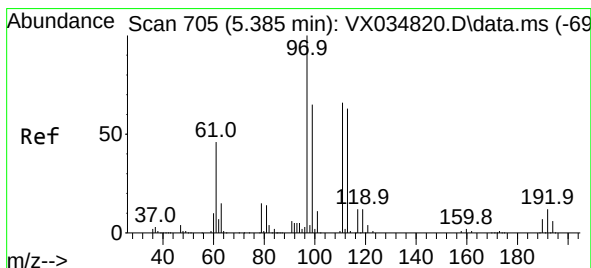
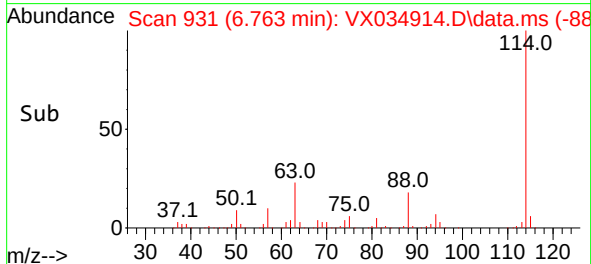
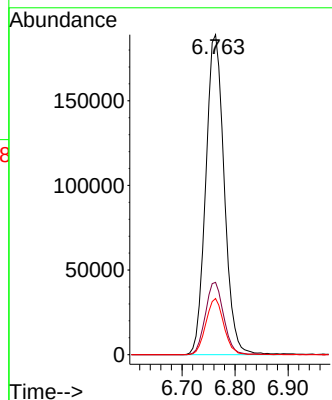
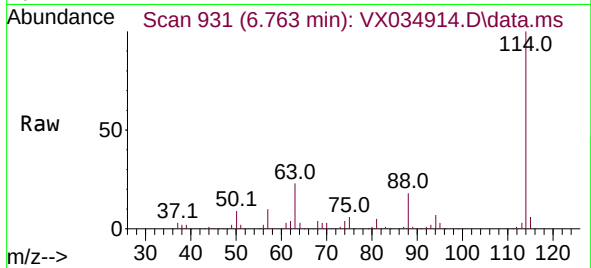




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

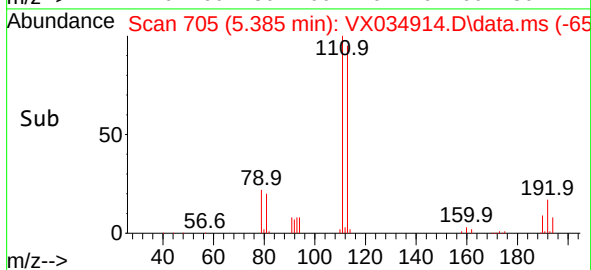
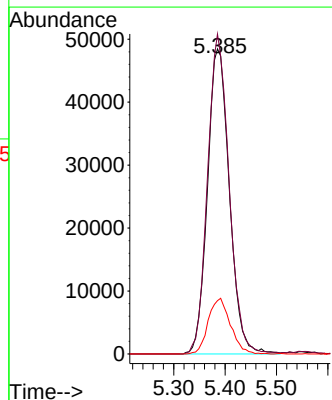
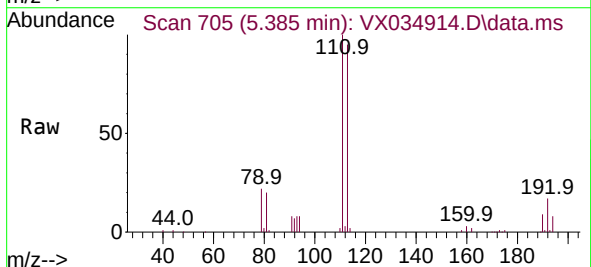
Instrument :
MSVOA_X
ClientSampleId :
TW-1

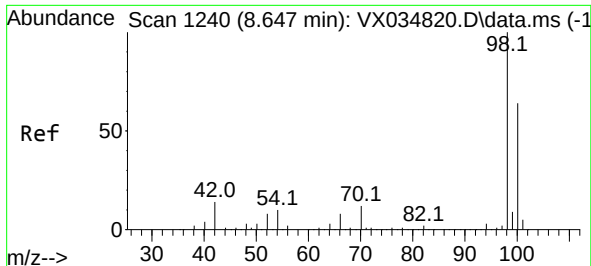
Tgt Ion:114 Resp: 456407
Ion Ratio Lower Upper
114 100
63 22.6 0.0 42.2
88 17.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.666 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

Tgt Ion:113 Resp: 143892
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 18.4 15.4 23.2

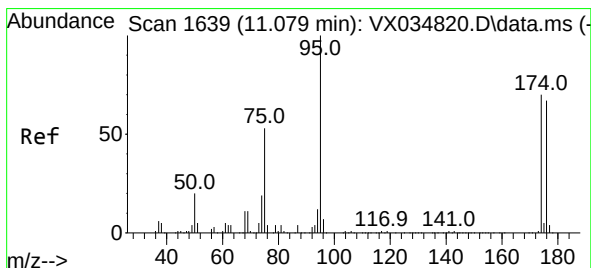
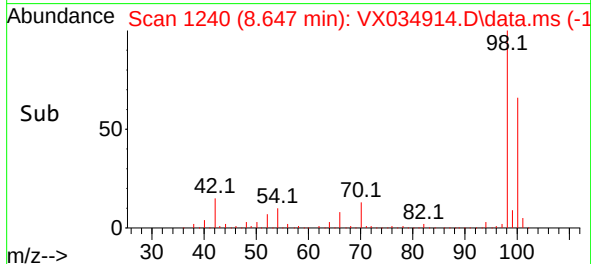
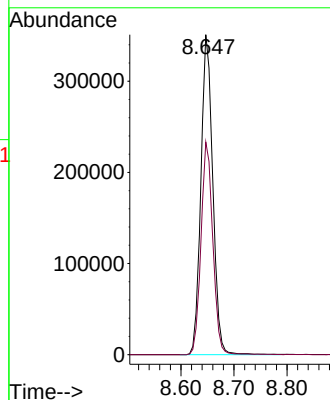
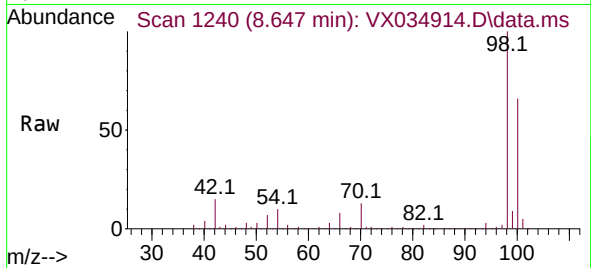




#50
Toluene-d8
Concen: 49.102 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

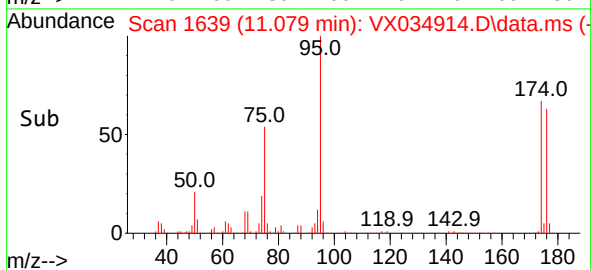
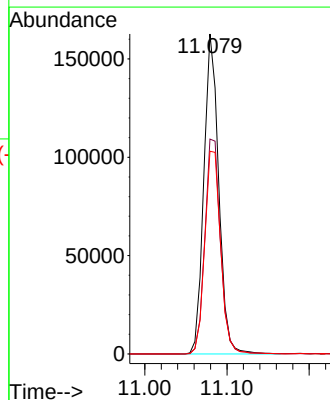
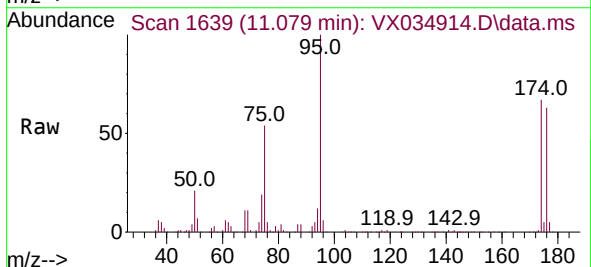
Instrument :
MSVOA_X
ClientSampleId :
TW-1

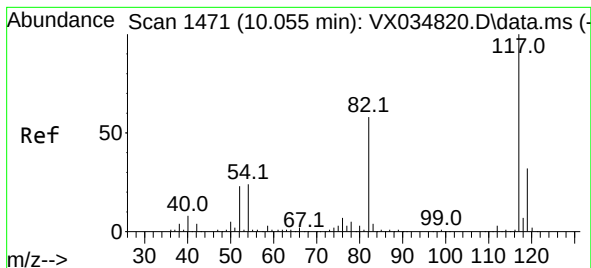
Tgt Ion: 98 Resp: 547114
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.482 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

Tgt Ion: 95 Resp: 204735
Ion Ratio Lower Upper
95 100
174 70.5 0.0 147.4
176 67.8 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034914.D

Acq: 01 Apr 2023 09:38

Instrument :

MSVOA_X

ClientSampleId :

TW-1

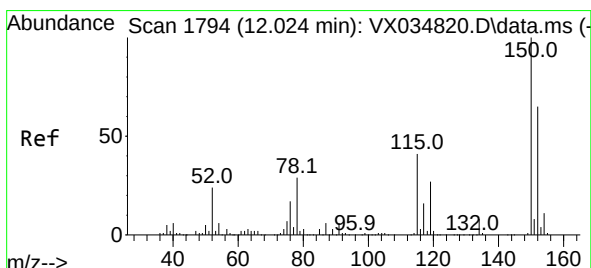
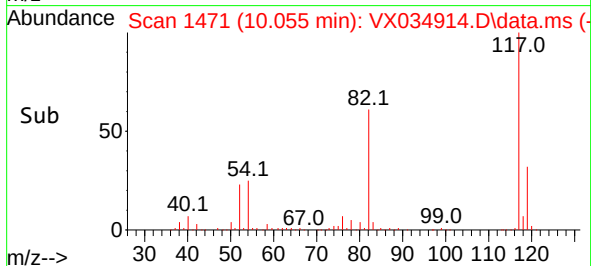
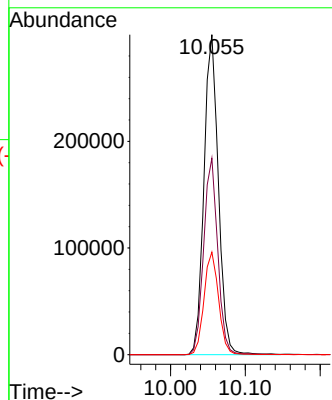
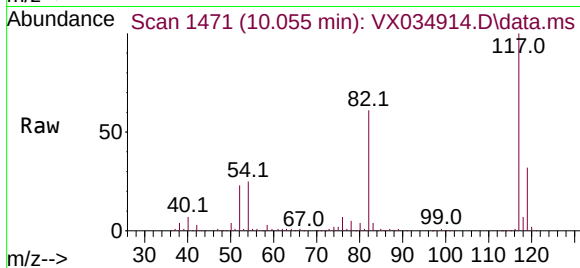
Tgt Ion:117 Resp: 401753

Ion Ratio Lower Upper

117 100

82 61.4 45.0 67.4

119 32.0 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034914.D

Acq: 01 Apr 2023 09:38

Tgt Ion:152 Resp: 173143

Ion Ratio Lower Upper

152 100

115 63.2 45.0 135.0

150 158.6 0.0 352.4

