

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038278.D
 Acq On : 13 Oct 2023 12:10
 Operator : JC/MD
 Sample : 04884-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 13 23:12:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	113053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83978	46.183	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.360%
35) Dibromofluoromethane	5.391	113	67213	45.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.480%
50) Toluene-d8	8.653	98	261302	46.027	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	100495	46.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.380%

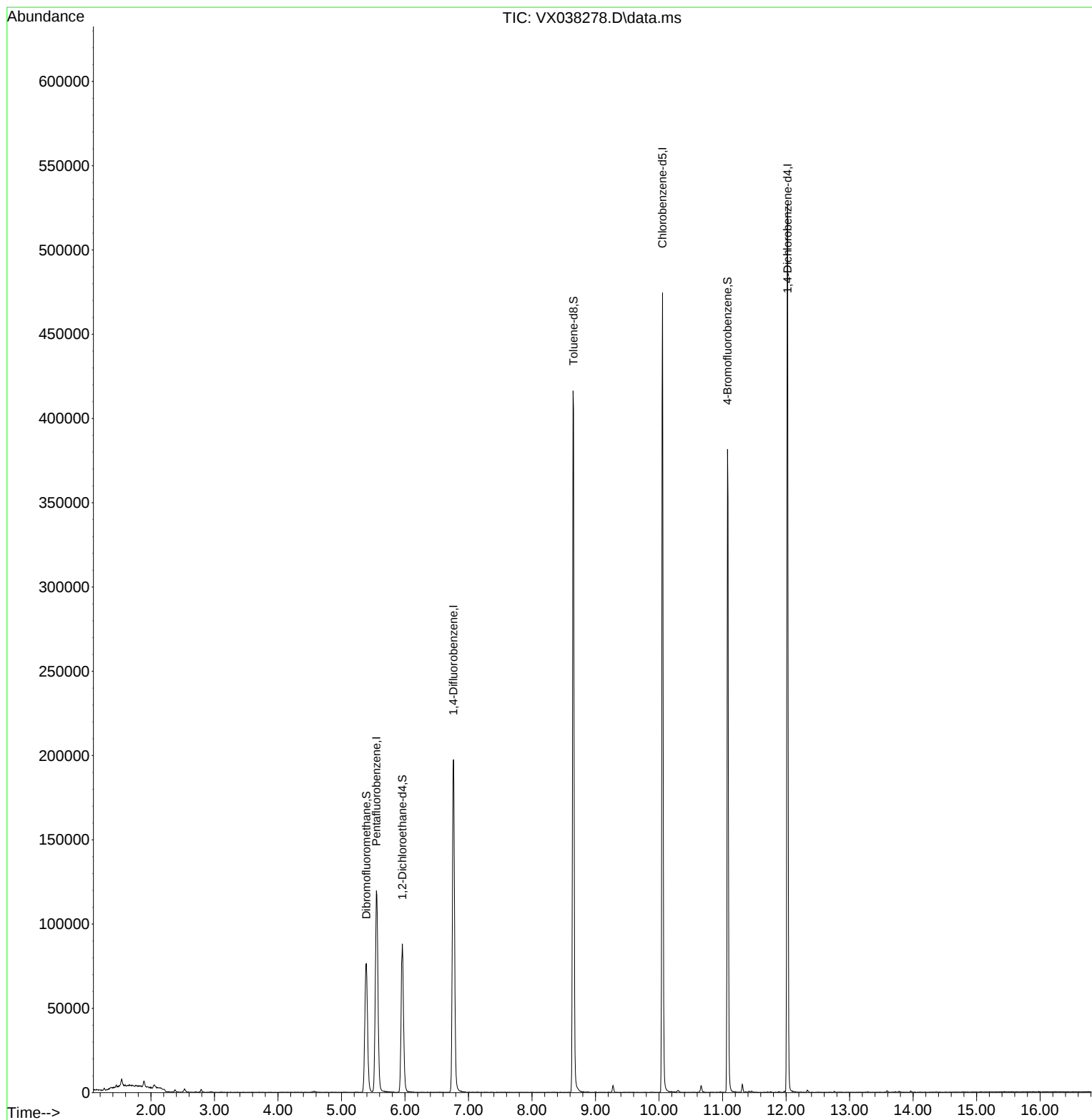
Target Compounds	Qvalue

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

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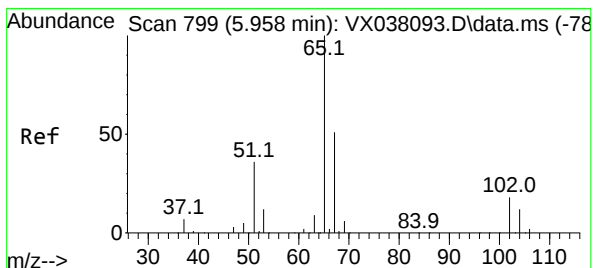
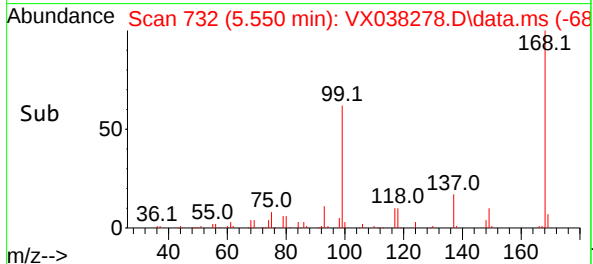
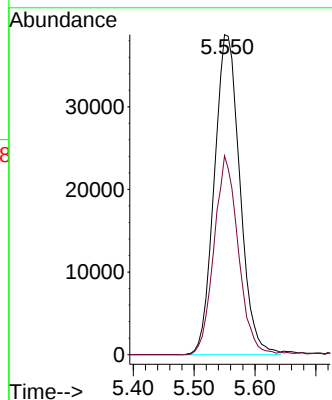
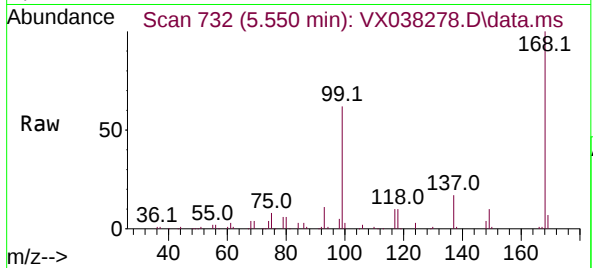




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX038278.D
Acq: 13 Oct 2023 12:10

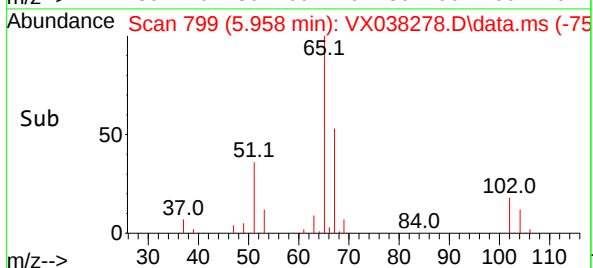
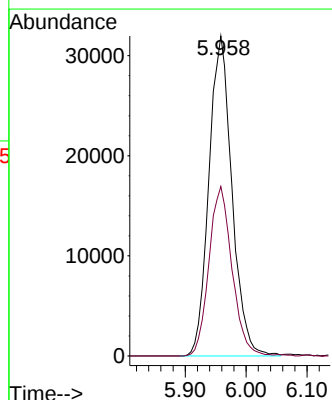
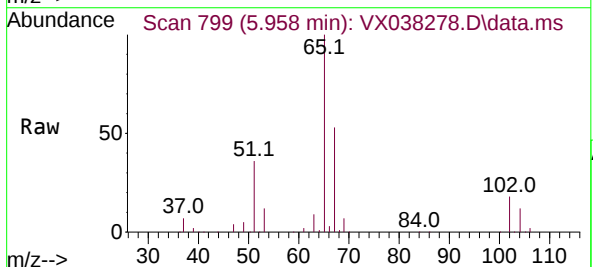
Instrument :
MSVOA_X
ClientSampleId :
TB

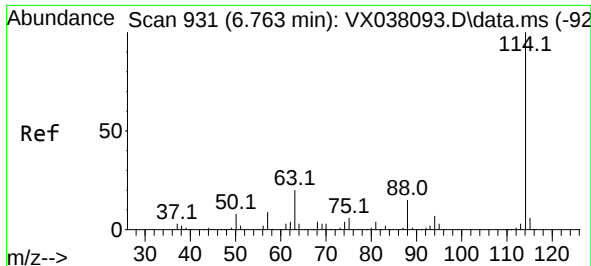
Tgt Ion:168 Resp: 113053
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.183 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038278.D
Acq: 13 Oct 2023 12:10

Tgt Ion: 65 Resp: 83978
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

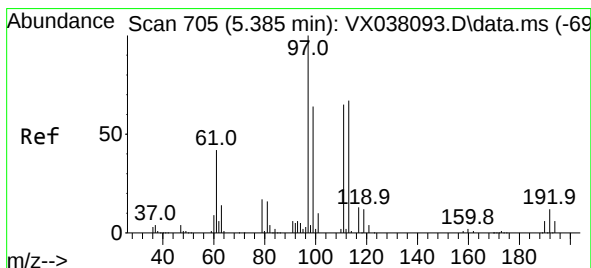
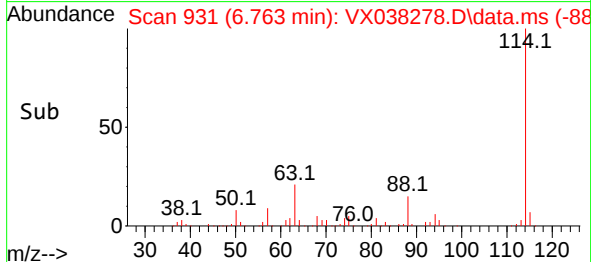
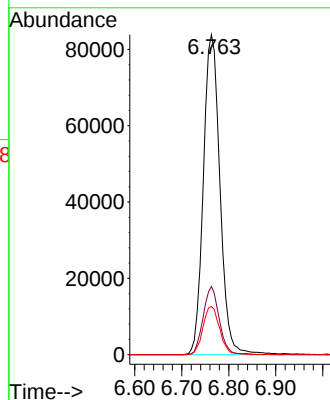
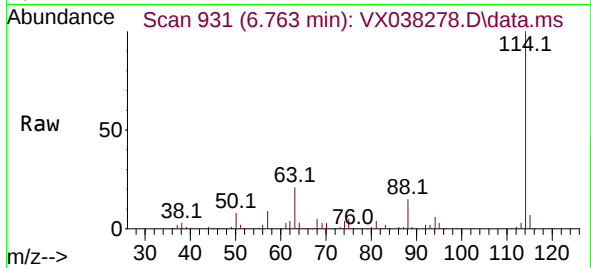




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038278.D
Acq: 13 Oct 2023 12:10

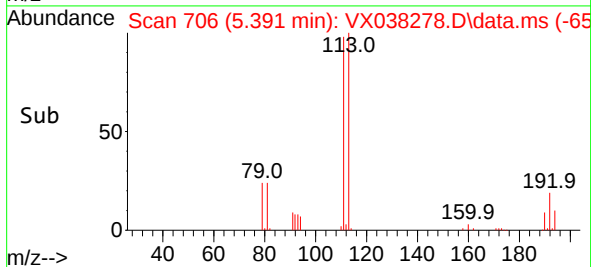
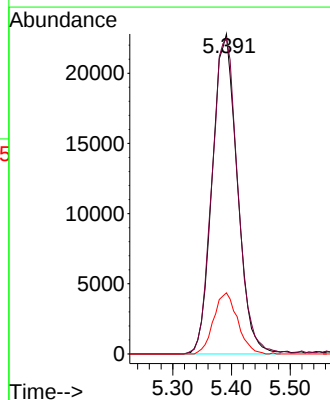
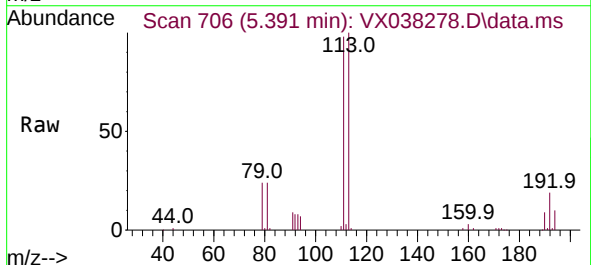
Instrument :
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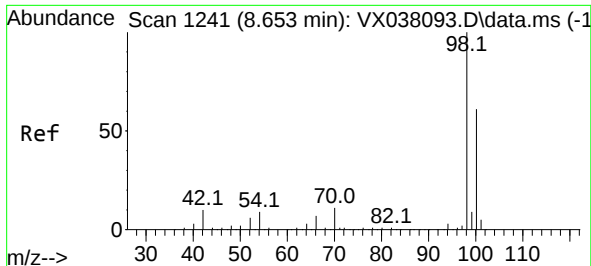
Tgt Ion:114 Resp: 206185
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.240 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038278.D
Acq: 13 Oct 2023 12:10

Tgt Ion:113 Resp: 67213
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.3 13.3 19.9

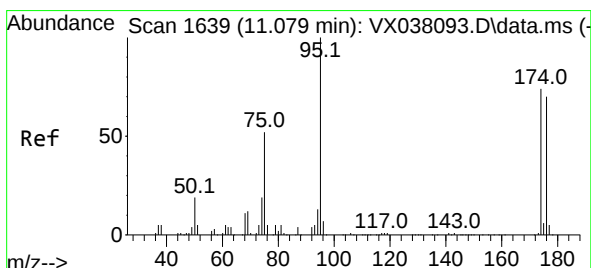
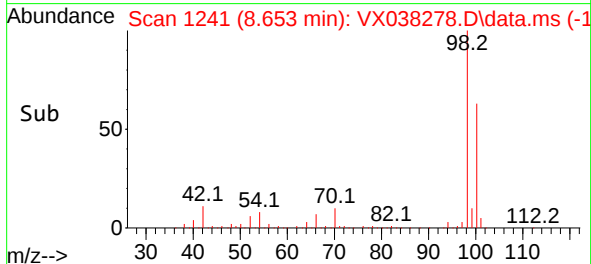
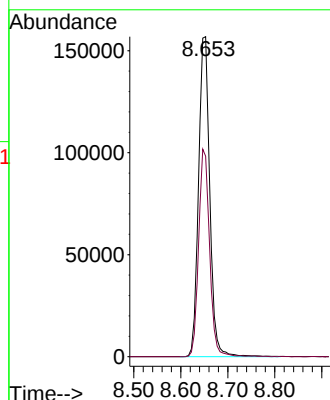
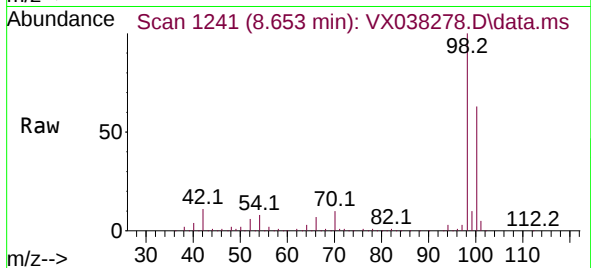




#50
Toluene-d8
Concen: 46.027 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038278.D
Acq: 13 Oct 2023 12:10

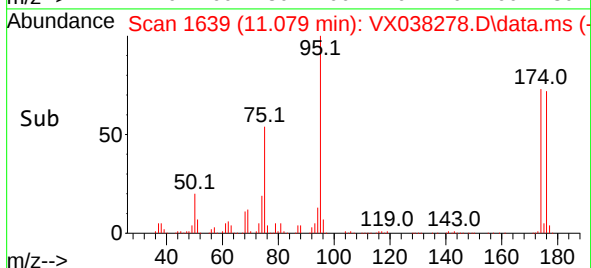
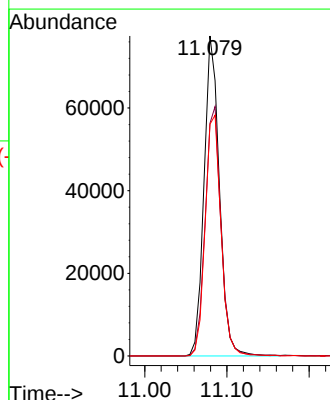
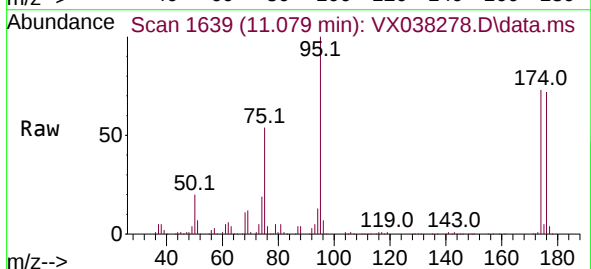
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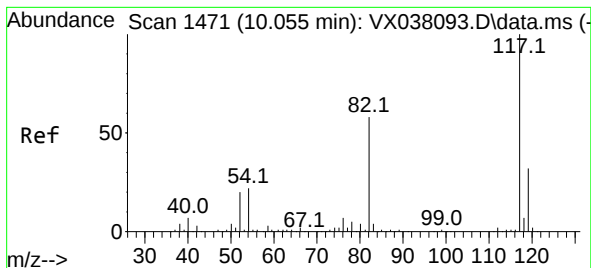
Tgt Ion: 98 Resp: 261302
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038278.D
Acq: 13 Oct 2023 12:10

Tgt Ion: 95 Resp: 100495
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 77.8 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: VX038278.D

Acq: 13 Oct 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

TB

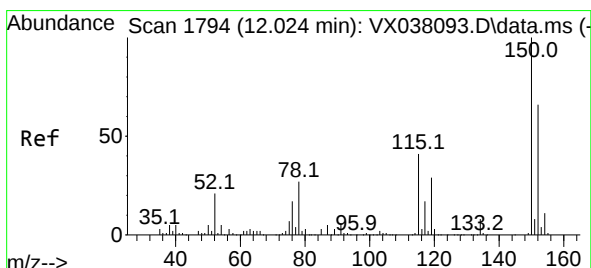
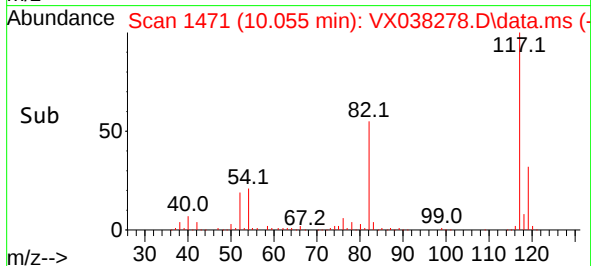
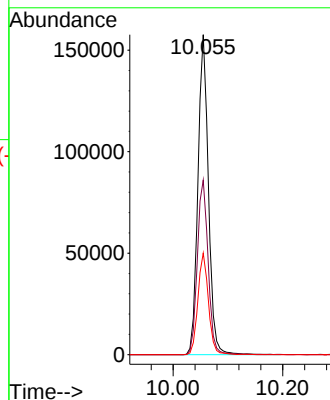
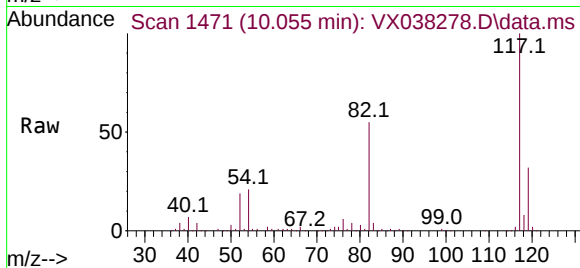
Tgt Ion:117 Resp: 210649

Ion Ratio Lower Upper

117 100

82 54.5 46.2 69.4

119 31.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038278.D

Acq: 13 Oct 2023 12:10

Tgt Ion:152 Resp: 109916

Ion Ratio Lower Upper

152 100

115 61.2 43.3 129.9

150 158.2 0.0 345.0

