

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038393.D
 Acq On : 20 Oct 2023 10:29
 Operator : JC/MD
 Sample : VX1020WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBL01

Quant Time: Oct 21 01:26:17 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	5.556	168	122122	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	221058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87860	44.729	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.460%
35) Dibromofluoromethane	5.385	113	71729	45.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	8.647	98	273819	44.986	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.980%#
62) 4-Bromofluorobenzene	11.079	95	102598	44.462	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.920%

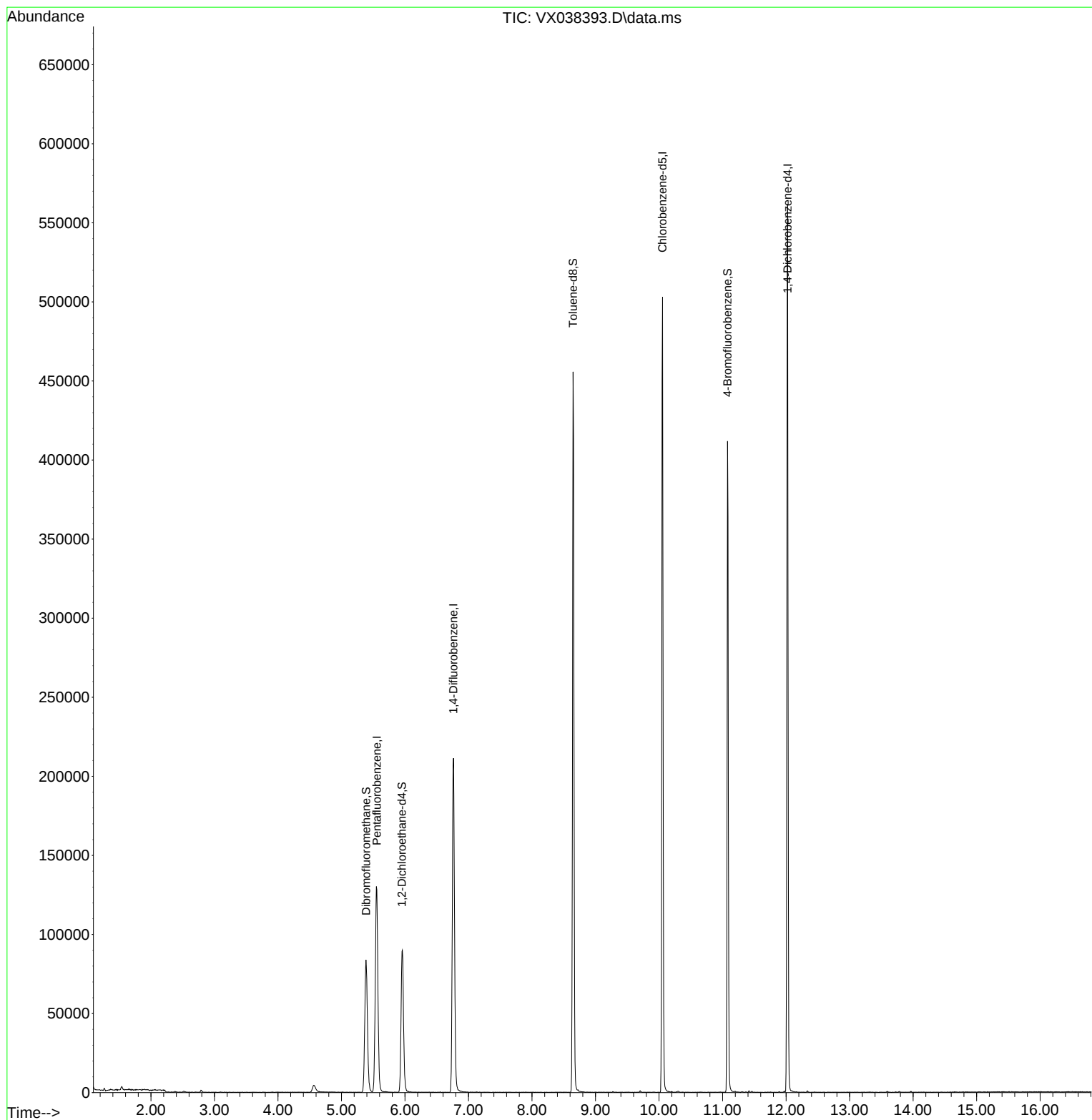
Target Compounds	Qvalue

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

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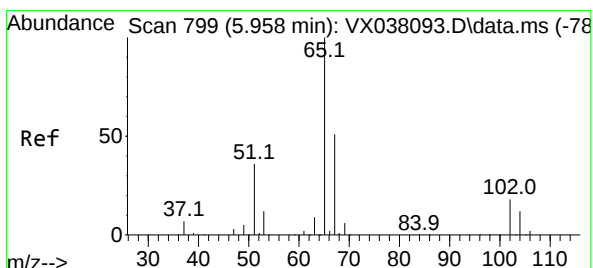
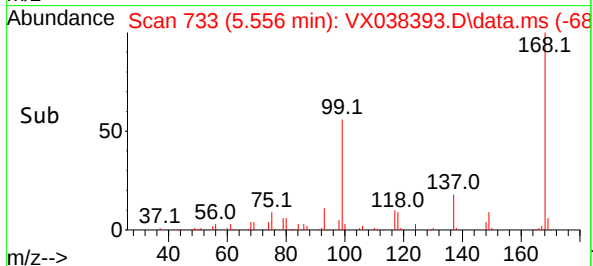
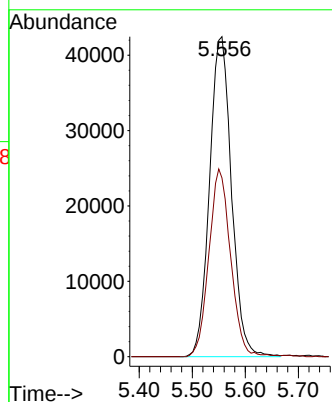
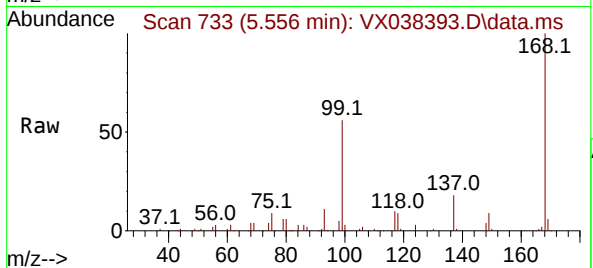




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038393.D
Acq: 20 Oct 2023 10:29

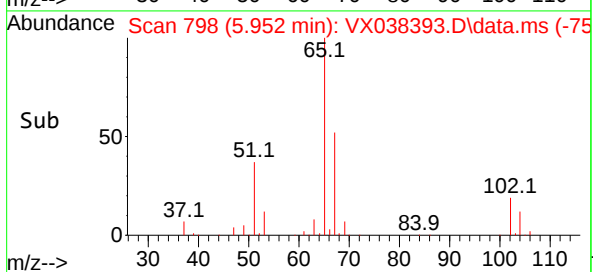
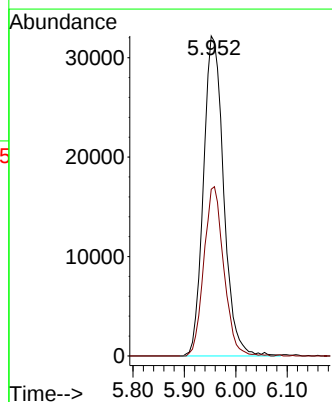
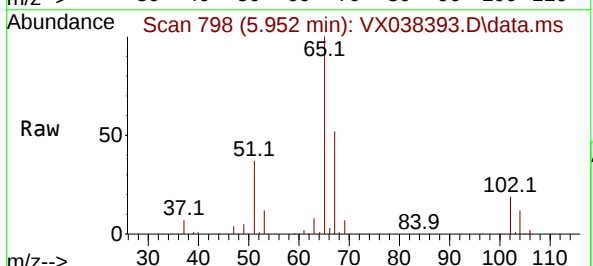
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBL01

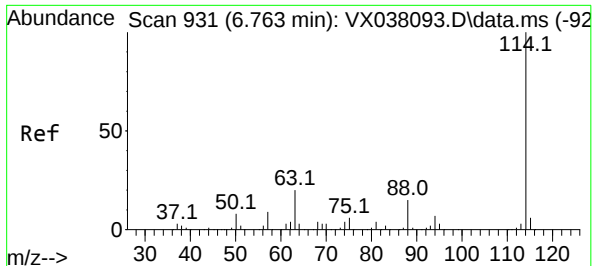
Tgt Ion:168 Resp: 122122
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 44.729 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038393.D
Acq: 20 Oct 2023 10:29

Tgt Ion: 65 Resp: 87860
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

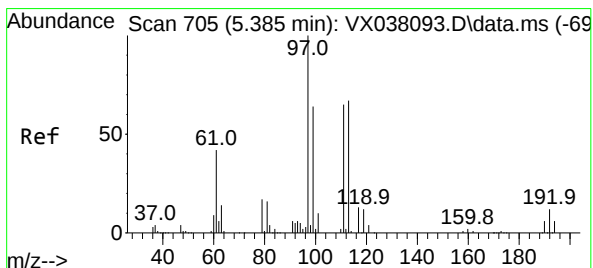
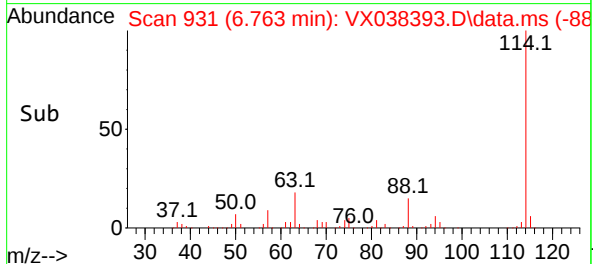
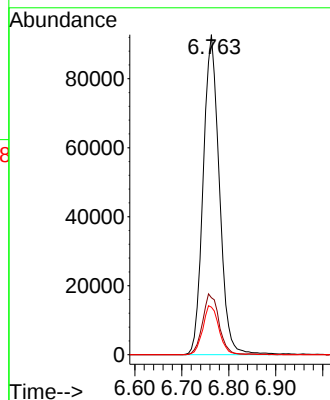
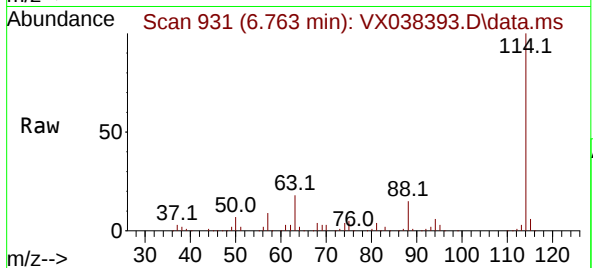




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038393.D
Acq: 20 Oct 2023 10:29

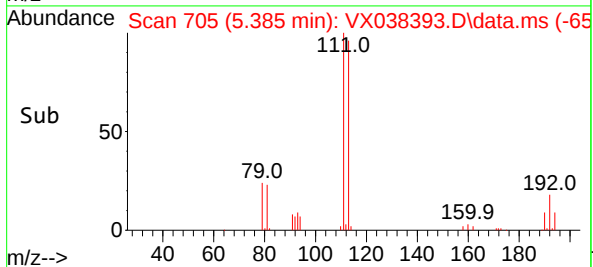
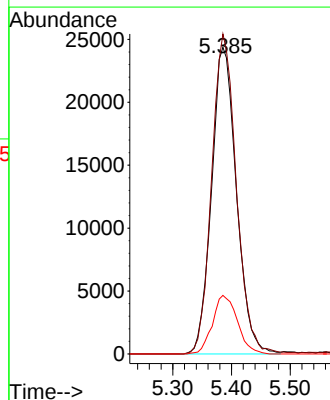
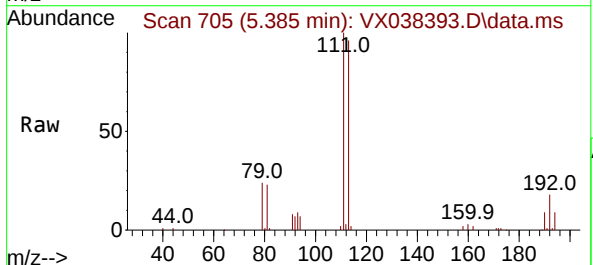
Instrument :
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ClientSampleId :
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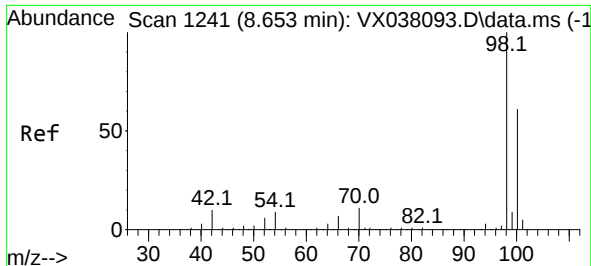
Tgt Ion:114 Resp: 221058
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.032 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038393.D
Acq: 20 Oct 2023 10:29

Tgt Ion:113 Resp: 71729
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 19.1 13.3 19.9

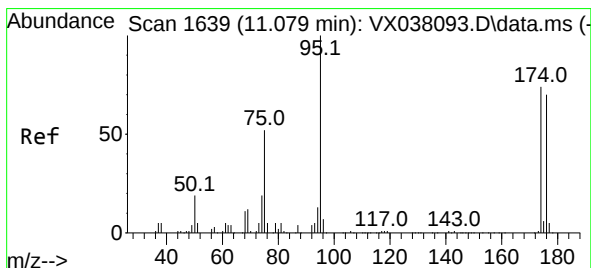
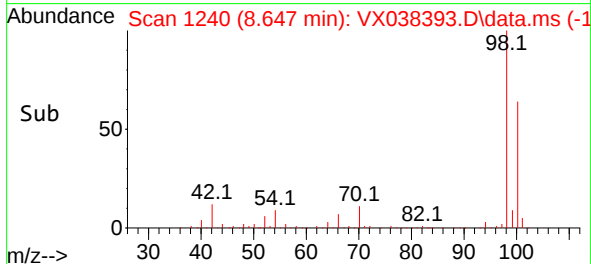
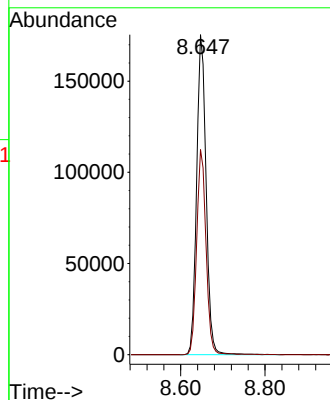
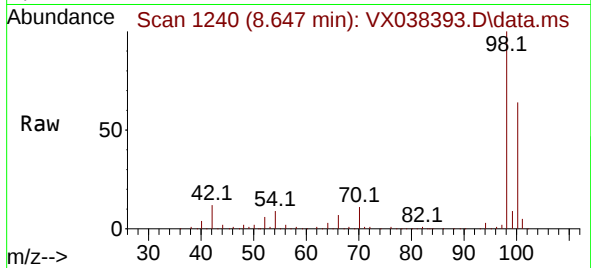




#50
Toluene-d8
Concen: 44.986 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038393.D
Acq: 20 Oct 2023 10:29

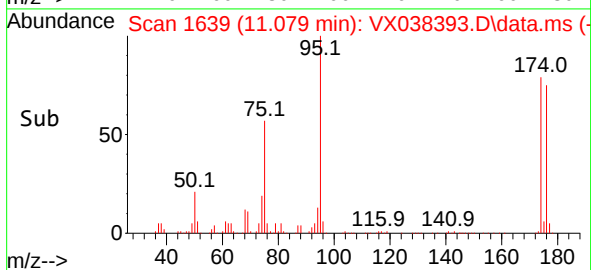
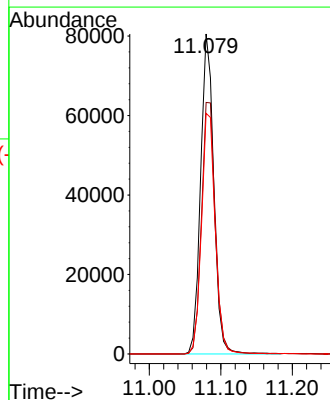
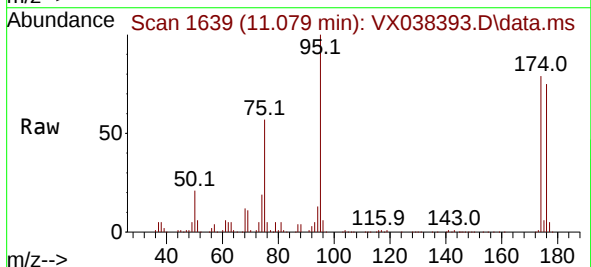
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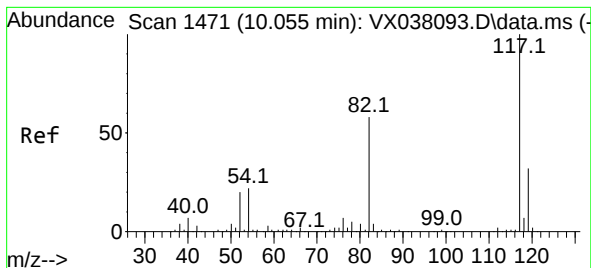
Tgt Ion: 98 Resp: 273819
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038393.D
Acq: 20 Oct 2023 10:29

Tgt Ion: 95 Resp: 102598
Ion Ratio Lower Upper
95 100
174 83.3 0.0 135.6
176 78.9 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: VX038393.D

Acq: 20 Oct 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBL01

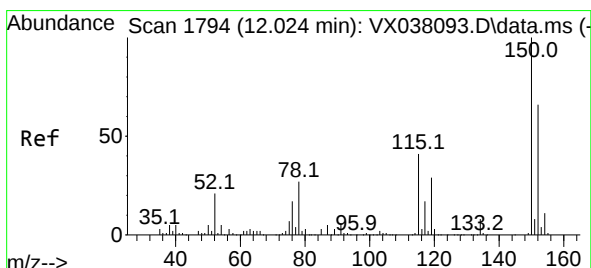
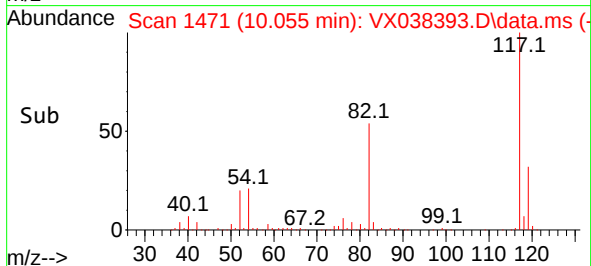
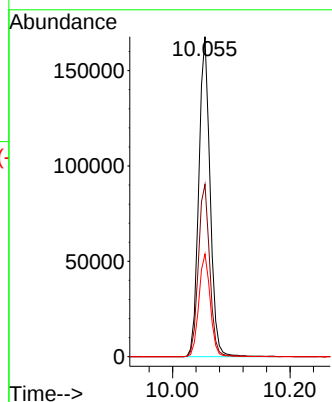
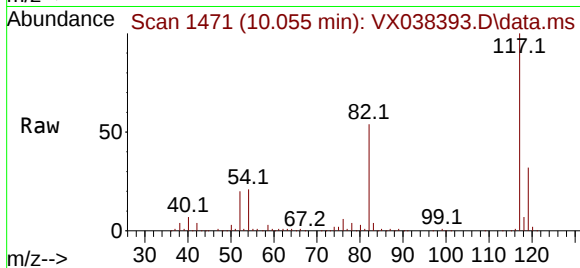
Tgt Ion:117 Resp: 224356

Ion Ratio Lower Upper

117 100

82 53.8 46.2 69.4

119 32.1 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: VX038393.D

Acq: 20 Oct 2023 10:29

Tgt Ion:152 Resp: 115621

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 158.0 0.0 345.0

