

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
 Data File : VX034629.D
 Acq On : 20 Mar 2023 15:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 21 01:43:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	262741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	434409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	187335	49.010	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.020%
35) Dibromofluoromethane	5.385	113	137609	47.978	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	8.647	98	528466	49.357	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	213479	49.361	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.720%

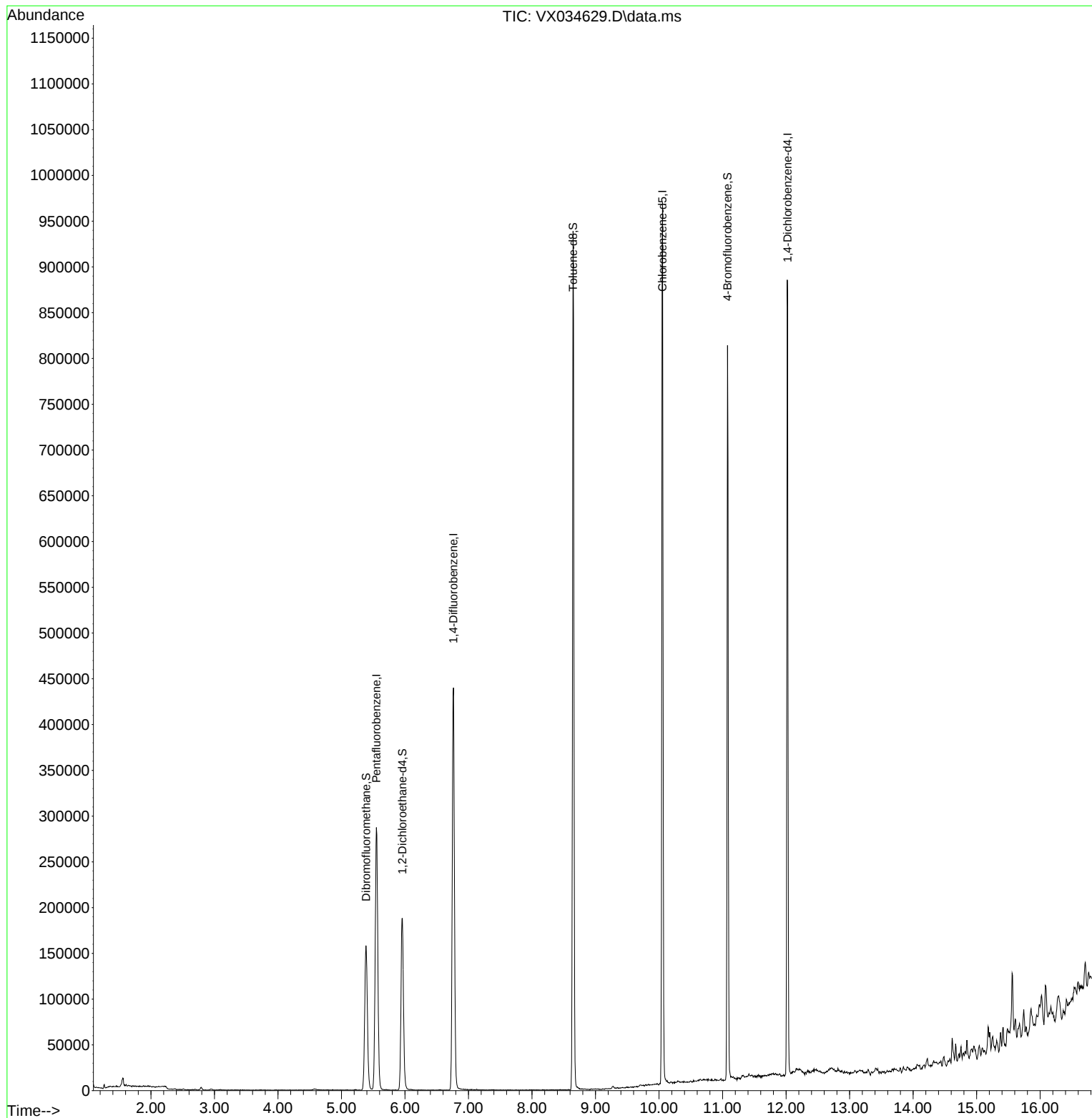
Target Compounds	Qvalue

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

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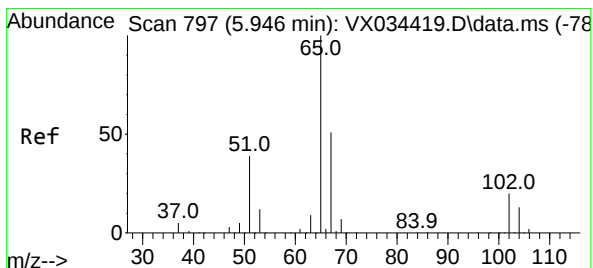
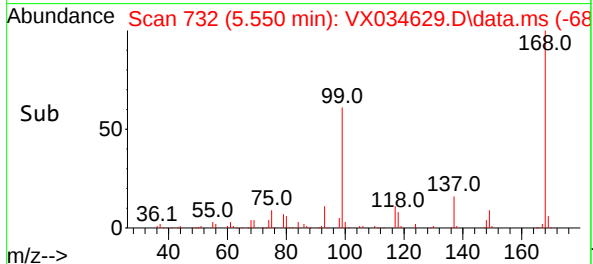
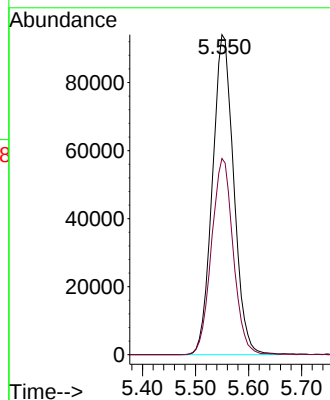
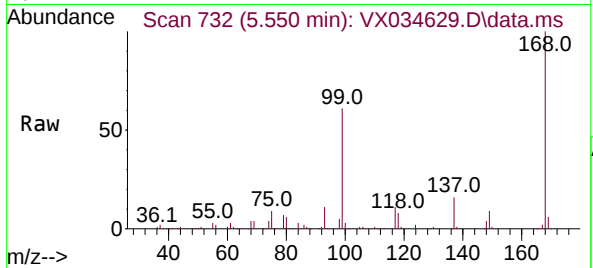




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034629.D
Acq: 20 Mar 2023 15:45

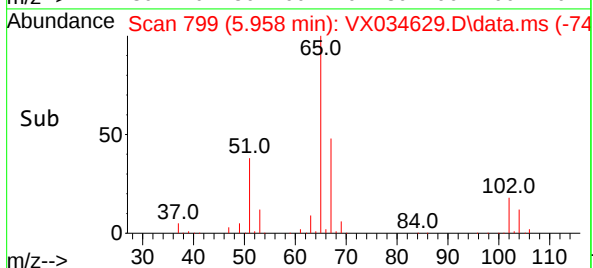
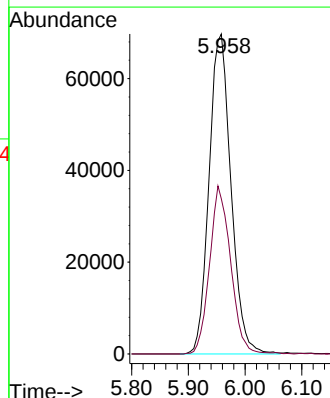
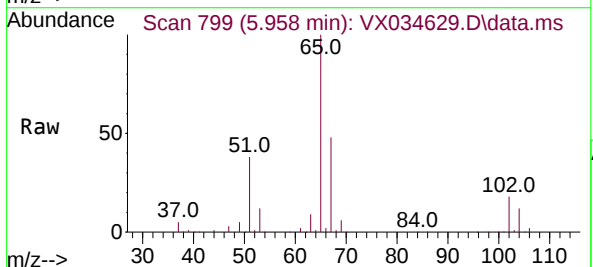
Instrument :
MSVOA_X
ClientSampleId :
IBLK

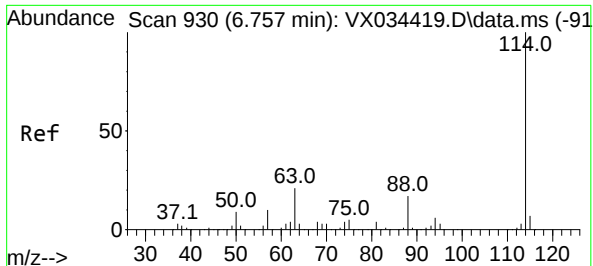
Tgt Ion:168 Resp: 262741
Ion Ratio Lower Upper
168 100
99 61.3 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 49.010 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034629.D
Acq: 20 Mar 2023 15:45

Tgt Ion: 65 Resp: 187335
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. 0.006 min

Lab File: VX034629.D

Acq: 20 Mar 2023 15:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

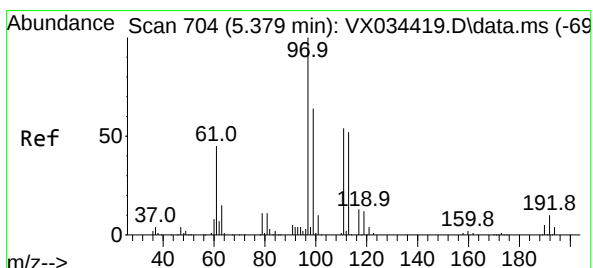
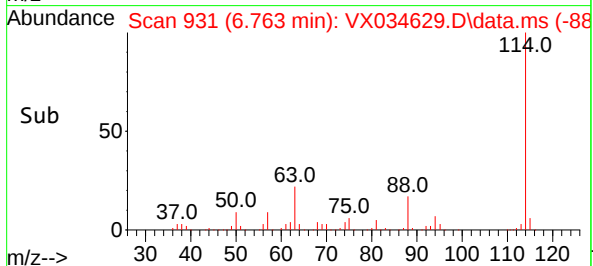
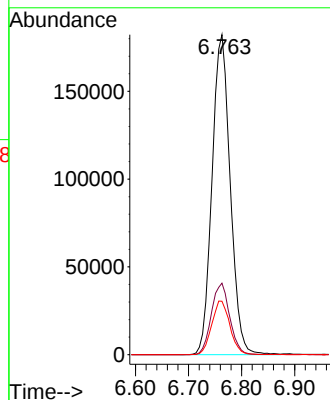
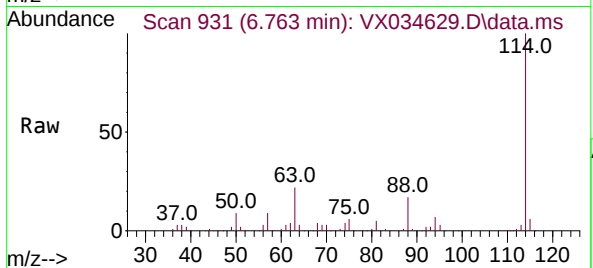
Tgt Ion:114 Resp: 434409

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.2

88 16.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.978 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034629.D

Acq: 20 Mar 2023 15:45

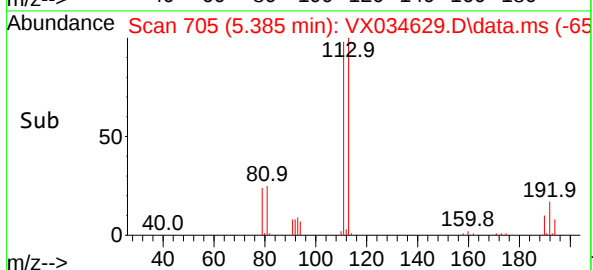
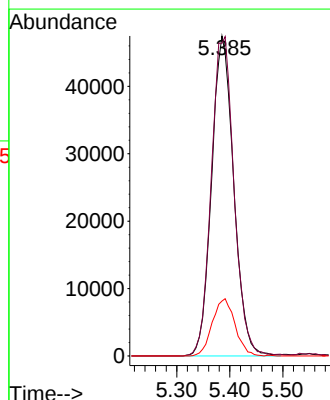
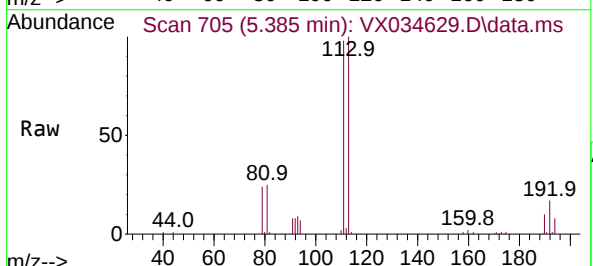
Tgt Ion:113 Resp: 137609

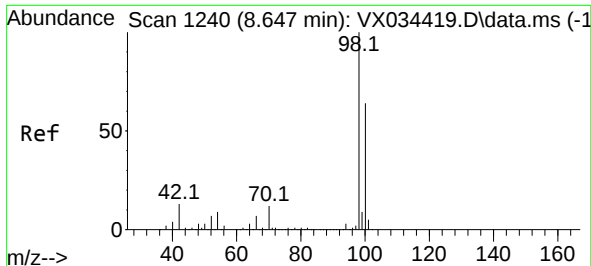
Ion Ratio Lower Upper

113 100

111 102.8 83.7 125.5

192 18.3 15.4 23.2

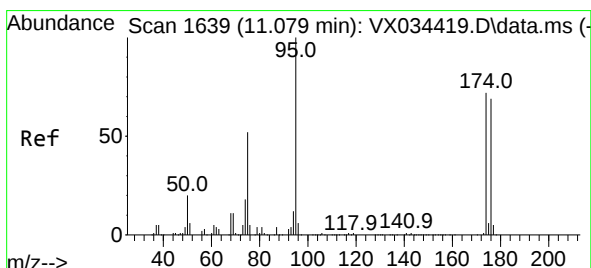
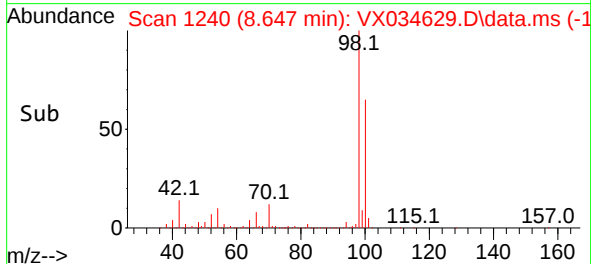
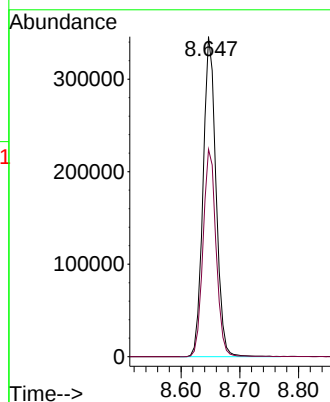
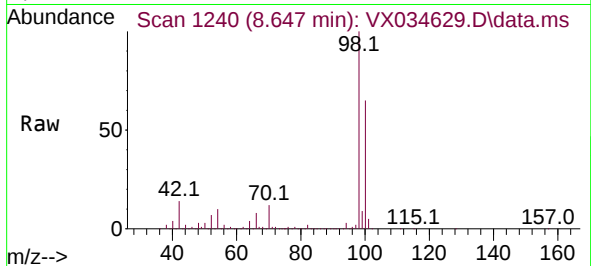




#50
Toluene-d8
Concen: 49.357 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034629.D
Acq: 20 Mar 2023 15:45

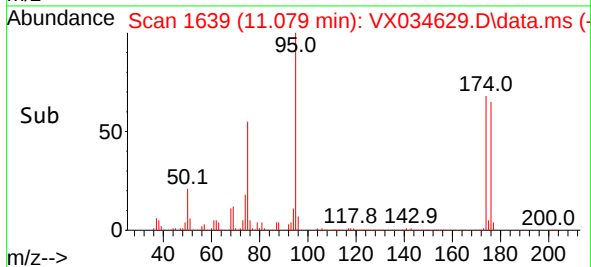
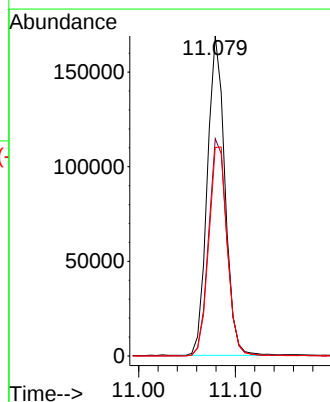
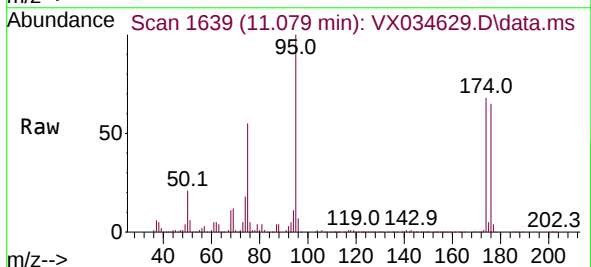
Instrument :
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IBLK

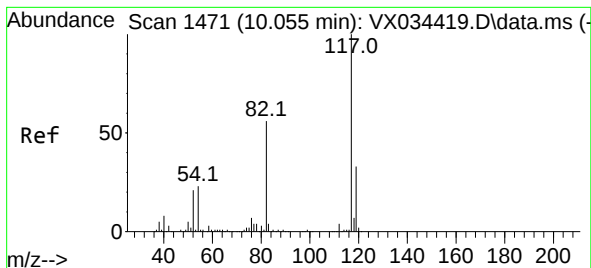
Tgt Ion: 98 Resp: 528466
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.361 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034629.D
Acq: 20 Mar 2023 15:45

Tgt Ion: 95 Resp: 213479
Ion Ratio Lower Upper
95 100
174 70.5 0.0 147.4
176 69.0 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: VX034629.D

Acq: 20 Mar 2023 15:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

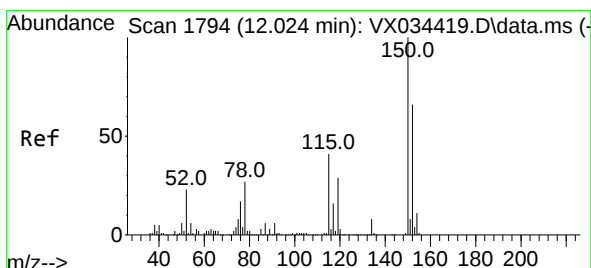
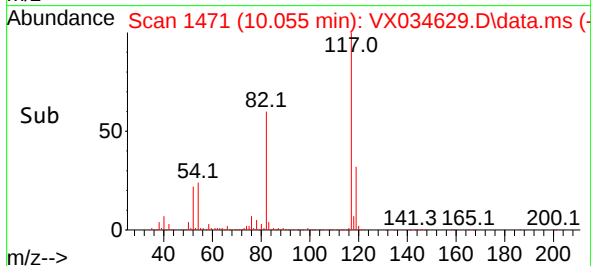
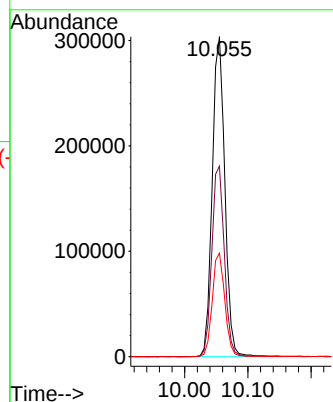
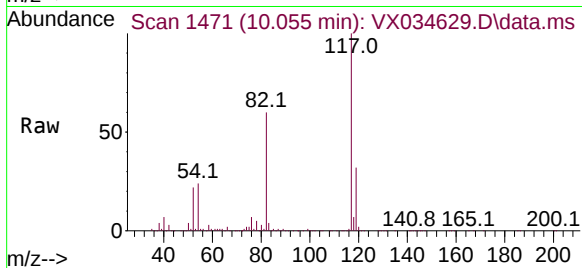
Tgt Ion:117 Resp: 420235

Ion Ratio Lower Upper

117 100

82 59.5 45.0 67.4

119 32.3 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: VX034629.D

Acq: 20 Mar 2023 15:45

Tgt Ion:152 Resp: 173696

Ion Ratio Lower Upper

152 100

115 60.8 45.0 135.0

150 157.5 0.0 352.4

