

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040199.D
 Acq On : 12 Feb 2024 15:05
 Operator : JC/MD
 Sample : P1439-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240205

Quant Time: Feb 12 16:17:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	81992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54296	44.512	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.020%
35) Dibromofluoromethane	5.391	113	44374	45.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.300%
50) Toluene-d8	8.647	98	169681	46.665	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.320%
62) 4-Bromofluorobenzene	11.079	95	68694	46.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.640%

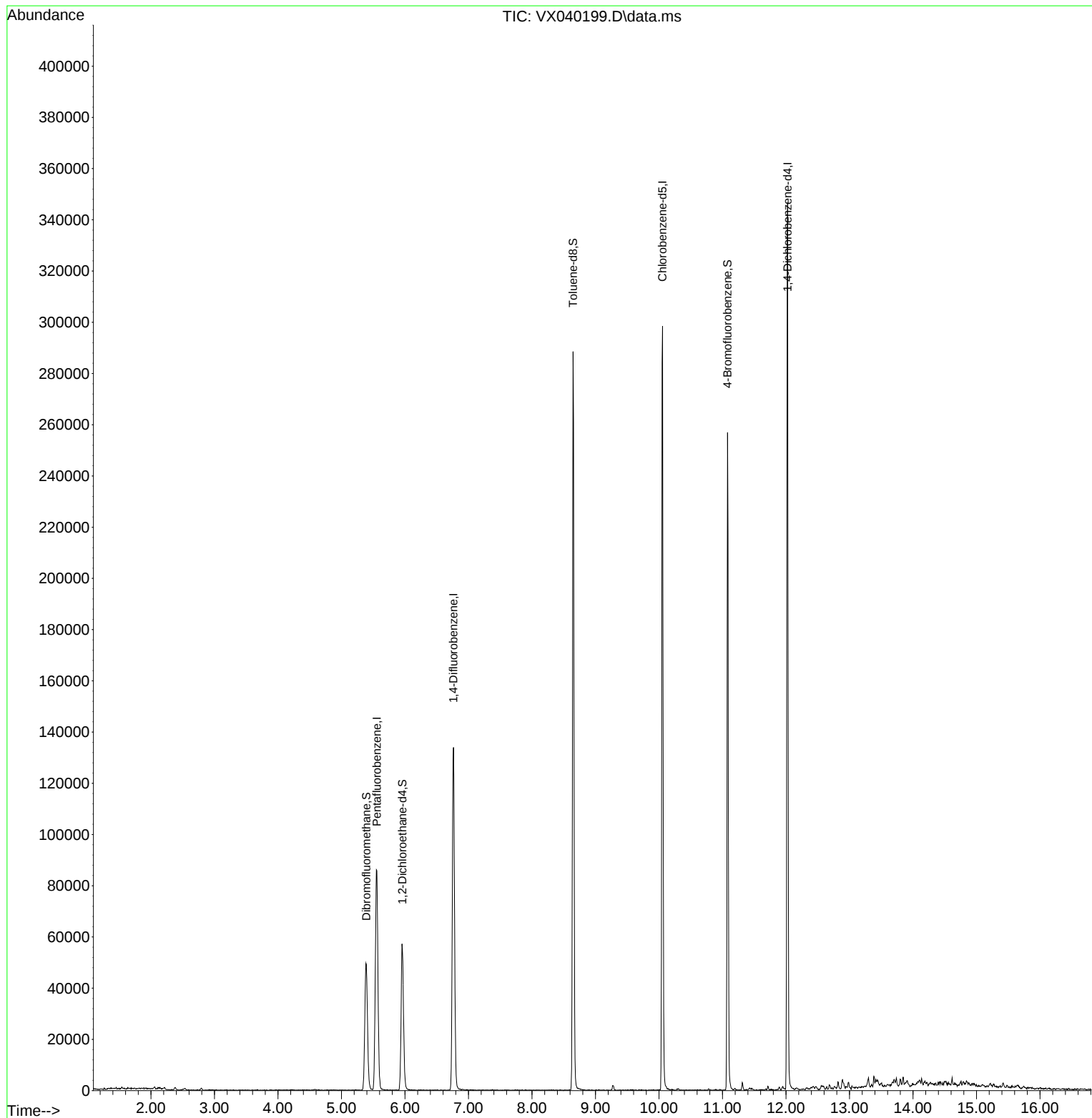
Target Compounds	Qvalue

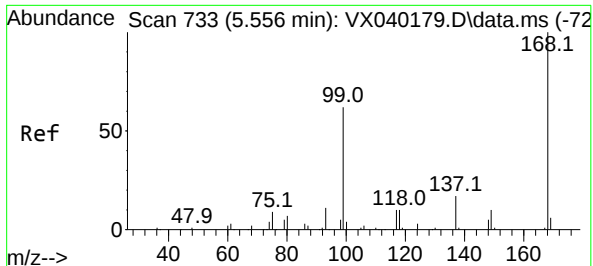
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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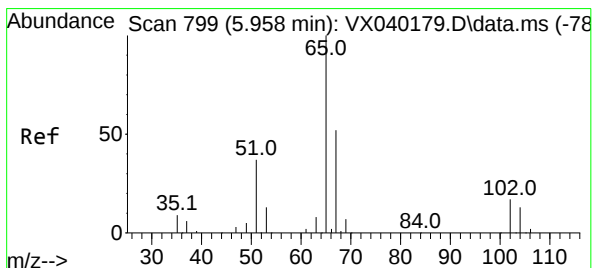
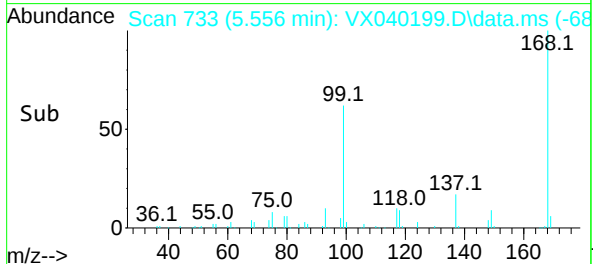
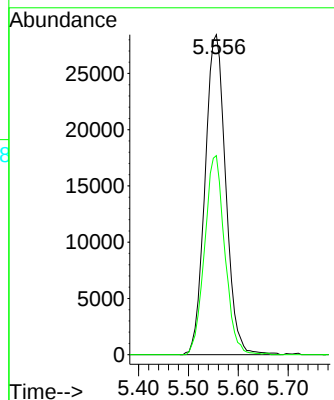
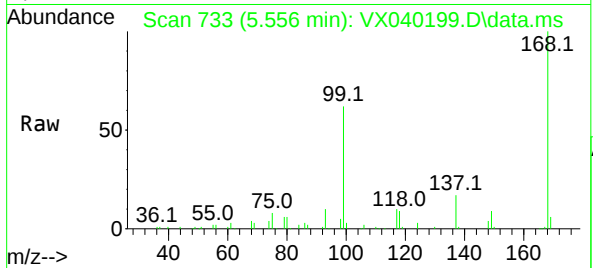




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

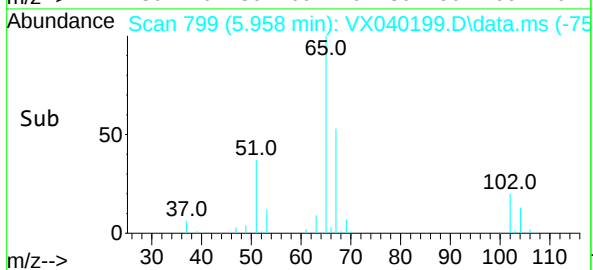
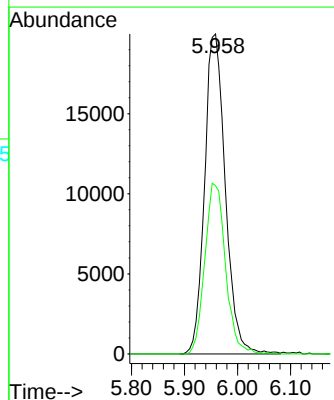
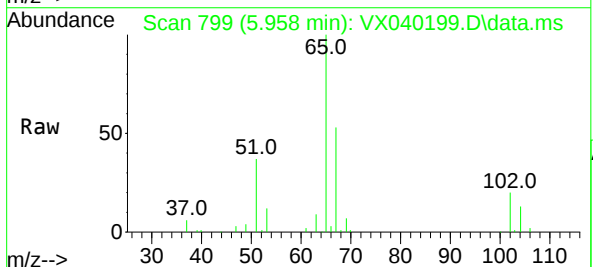
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240205

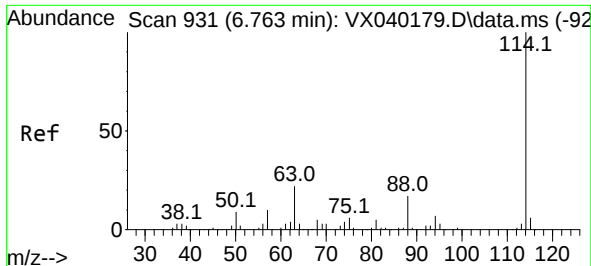
Tgt Ion:168 Resp: 81992
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.512 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

Tgt Ion: 65 Resp: 54296
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2

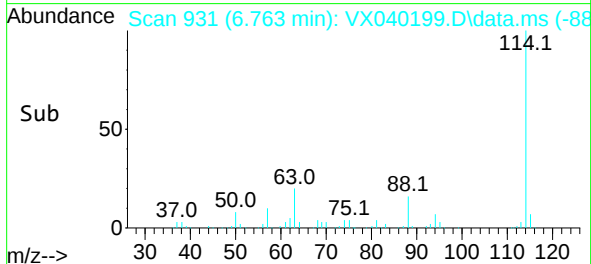
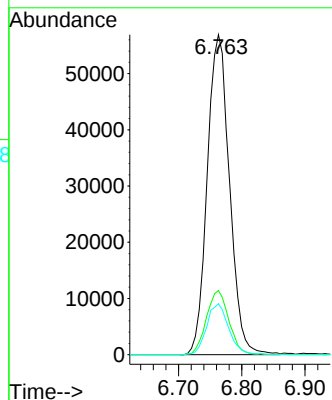
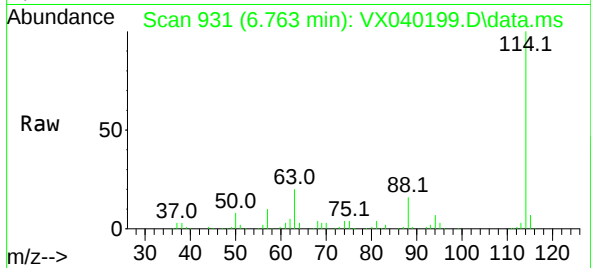




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

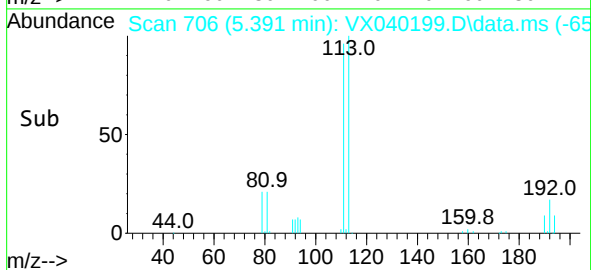
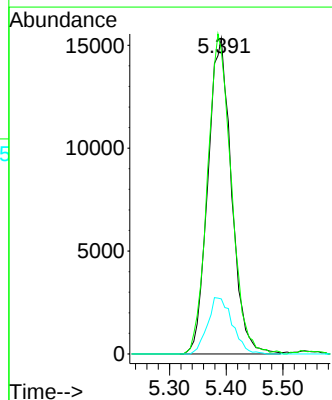
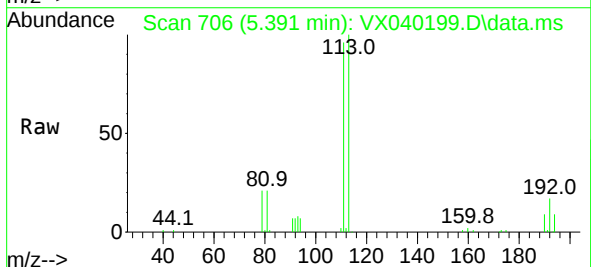
Instrument :
MSVOA_X
ClientSampleId :
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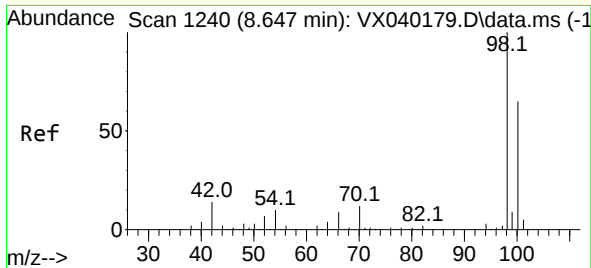
Tgt Ion:114 Resp: 139194
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.650 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

Tgt Ion:113 Resp: 44374
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.7 13.3 19.9

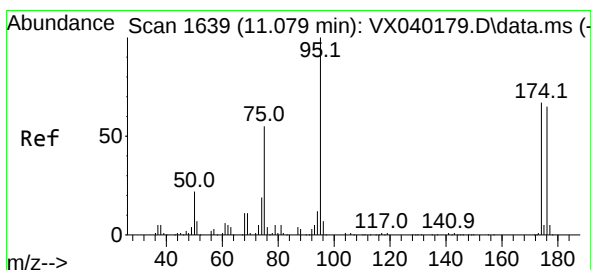
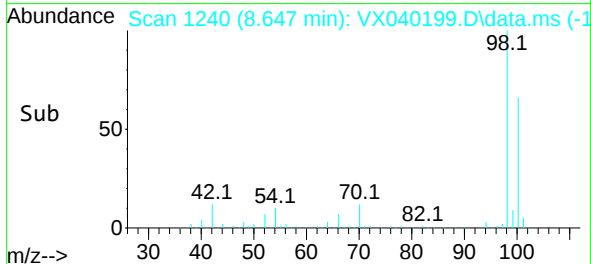
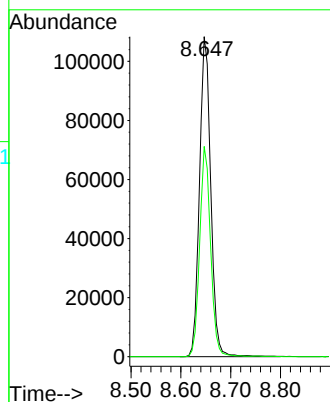
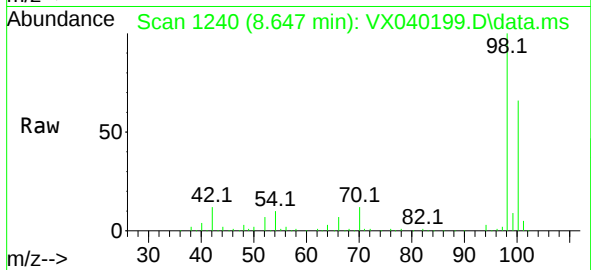




#50
Toluene-d8
Concen: 46.665 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

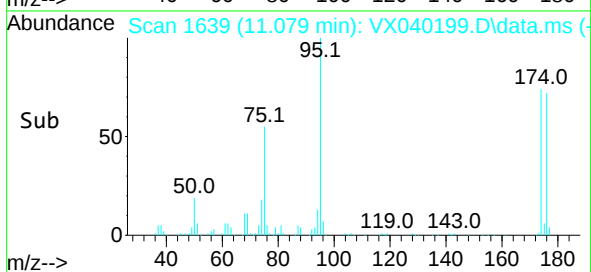
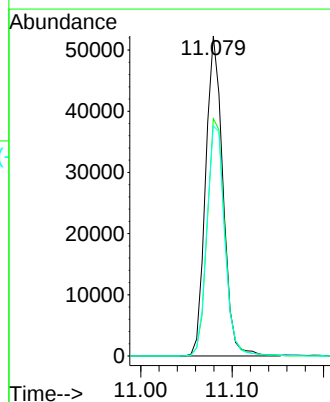
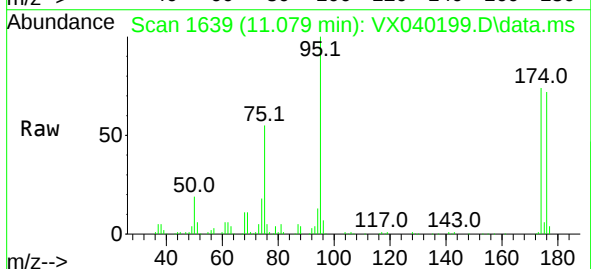
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240205

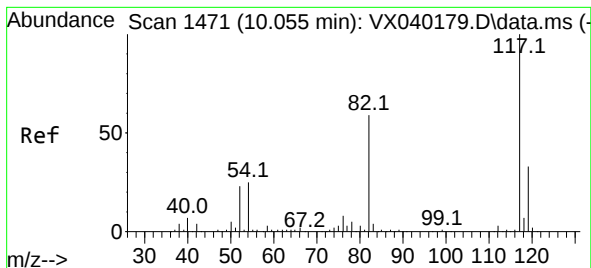
Tgt Ion: 98 Resp: 169681
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.322 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

Tgt Ion: 95 Resp: 68694
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.6
176 74.1 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: VX040199.D

Acq: 12 Feb 2024 15:05

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240205

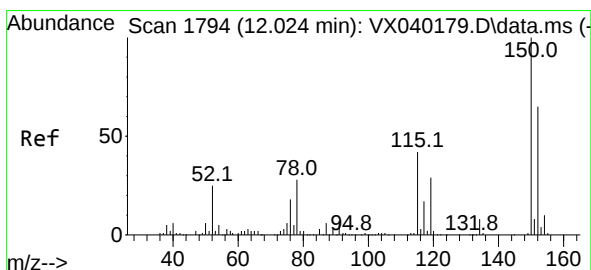
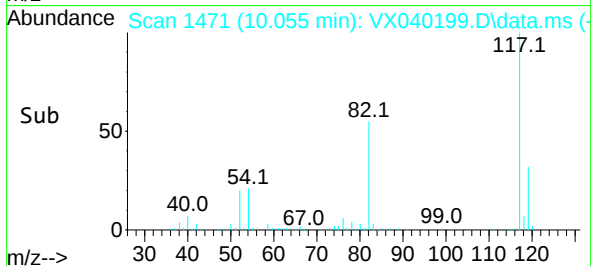
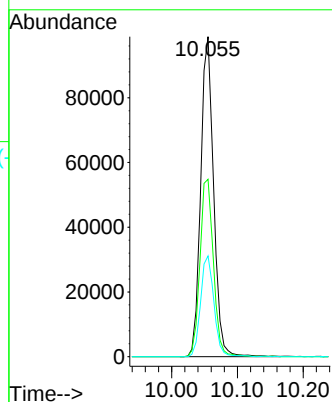
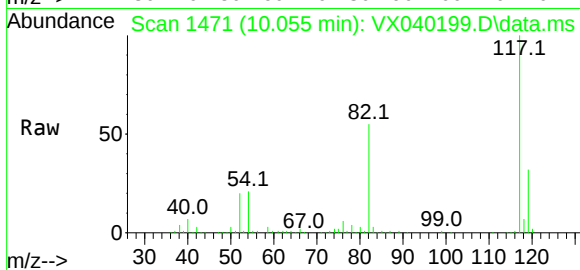
Tgt Ion:117 Resp: 135029

Ion Ratio Lower Upper

117 100

82 55.5 46.2 69.4

119 31.5 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: VX040199.D

Acq: 12 Feb 2024 15:05

Tgt Ion:152 Resp: 72156

Ion Ratio Lower Upper

152 100

115 61.2 43.3 129.9

150 153.4 0.0 345.0

