

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035232.D
 Acq On : 21 Apr 2023 15:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 22 01:05:52 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	279348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	466820	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169098	39.581	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.160%
35) Dibromofluoromethane	5.385	113	139599	45.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.420%
50) Toluene-d8	8.647	98	550555	48.308	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.079	95	202874	46.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.000%

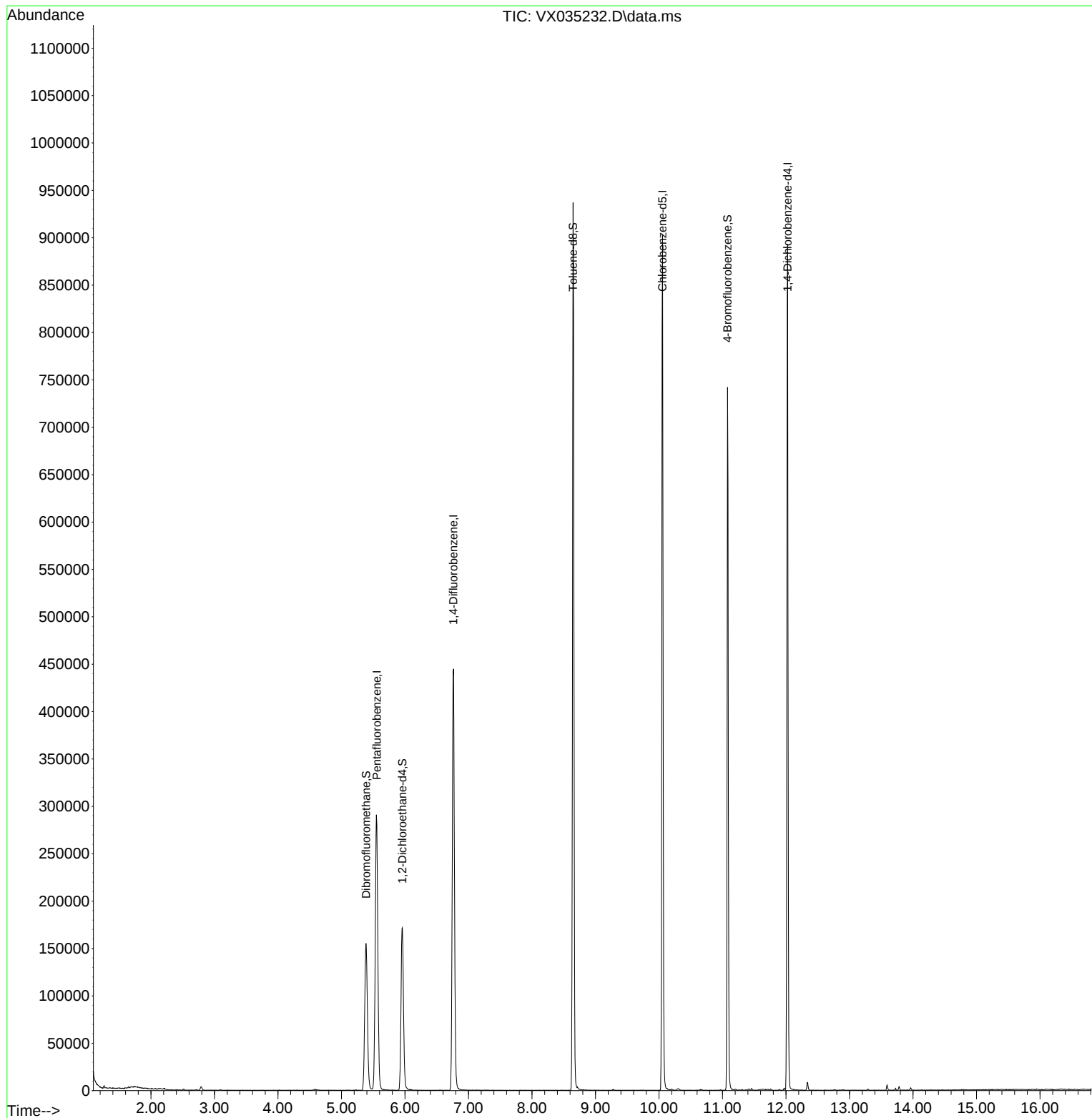
Target Compounds	Qvalue

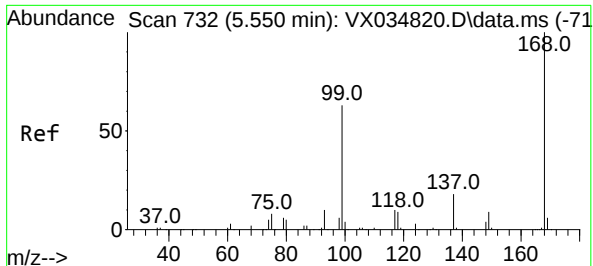
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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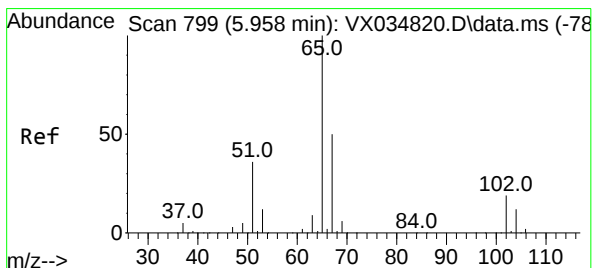
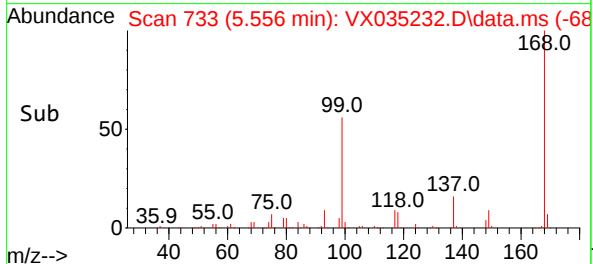
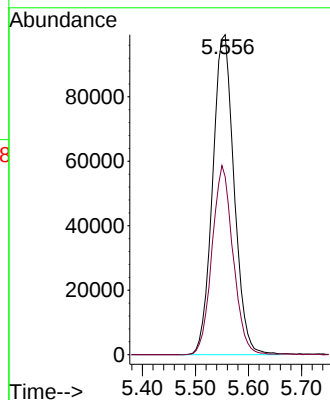
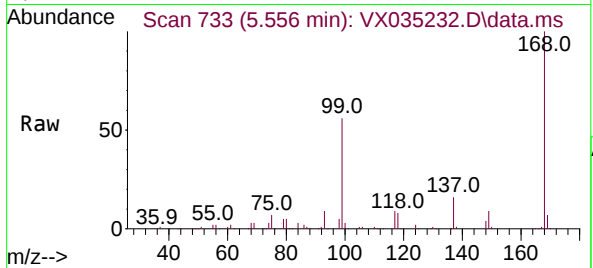




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

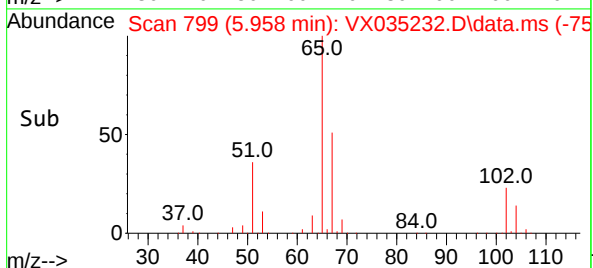
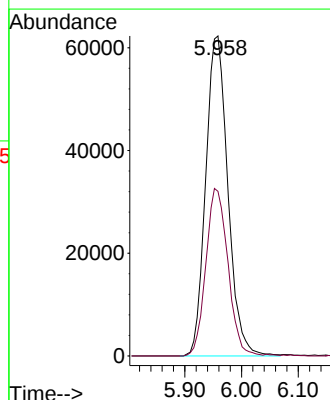
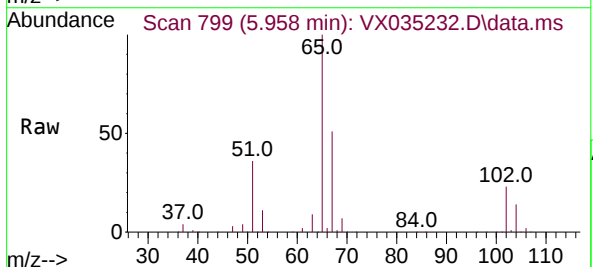
Instrument :
MSVOA_X
ClientSampleId :
IBLK

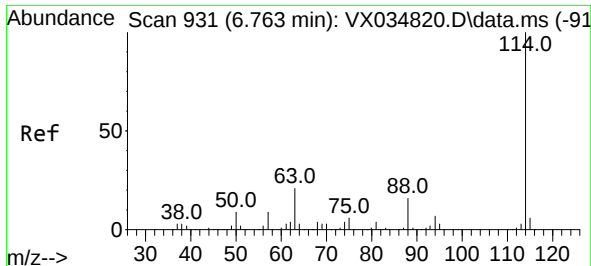
Tgt Ion:168 Resp: 279348
Ion Ratio Lower Upper
168 100
99 55.6 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 39.581 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Tgt Ion: 65 Resp: 169098
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

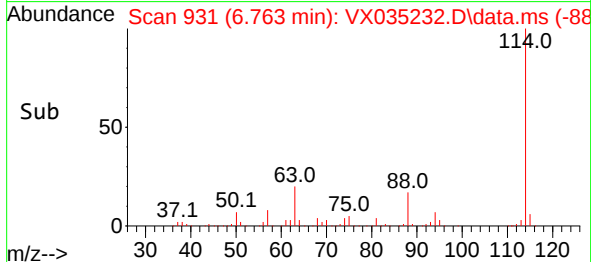
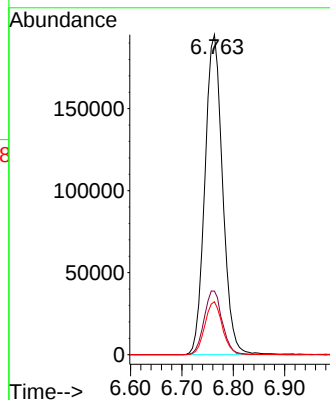
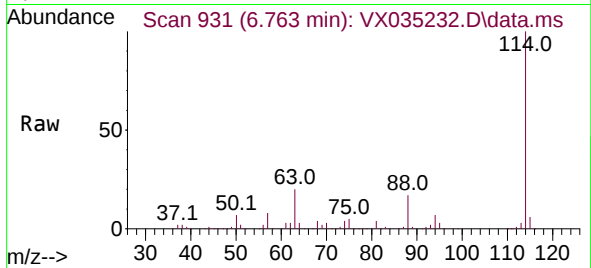




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

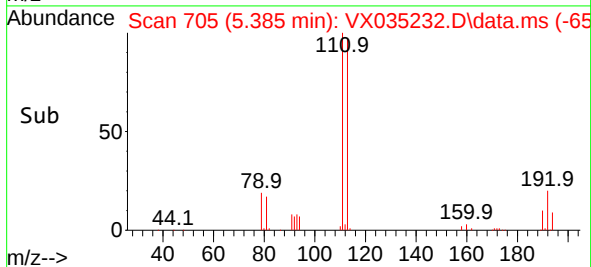
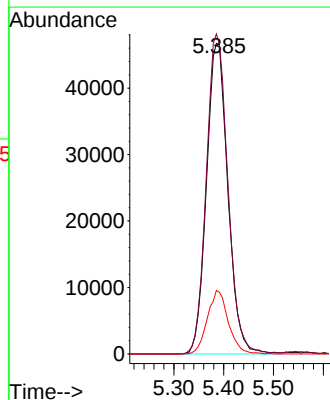
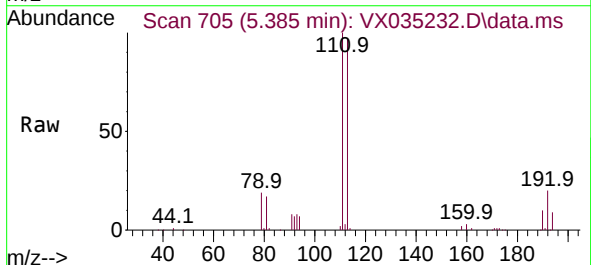
Instrument :
MSVOA_X
ClientSampleId :
IBLK

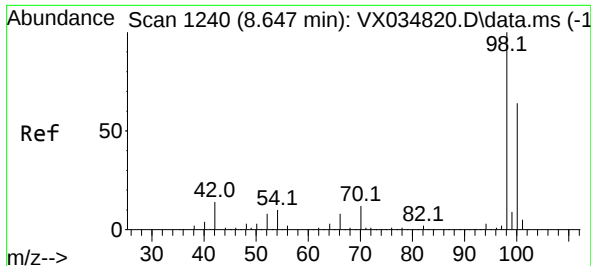
Tgt Ion:114 Resp: 466820
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.212 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Tgt Ion:113 Resp: 139599
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 19.9 15.4 23.2

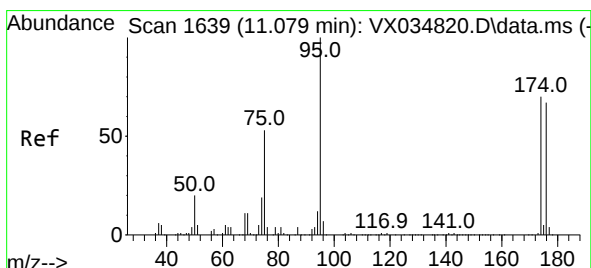
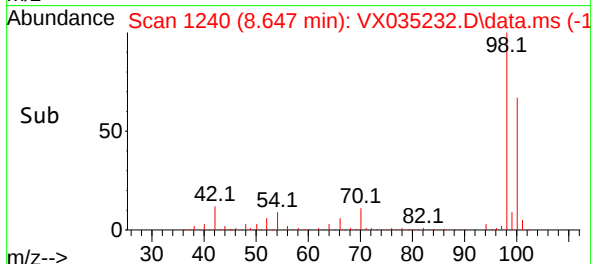
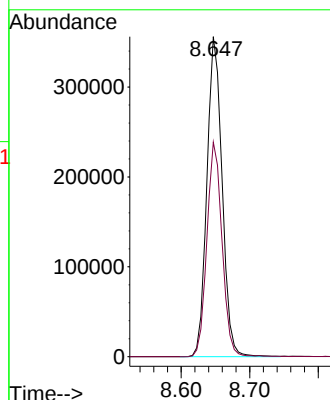
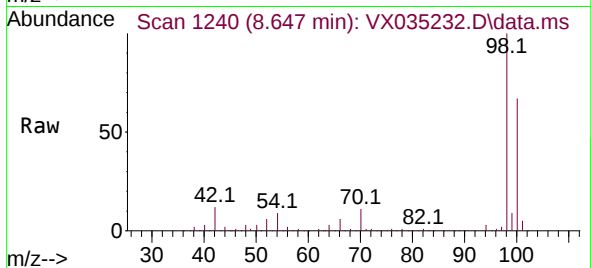




#50
Toluene-d8
Concen: 48.308 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

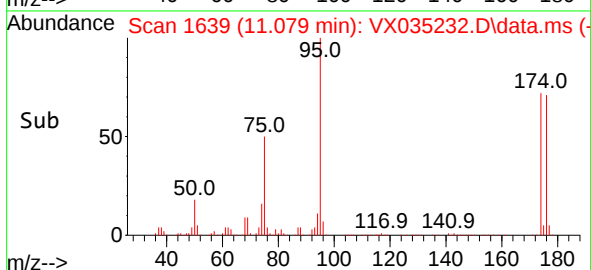
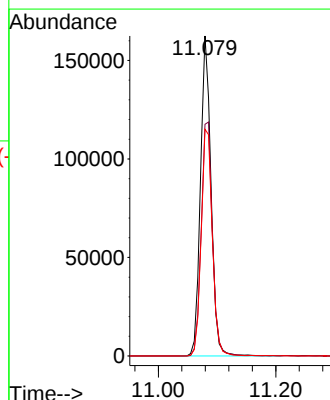
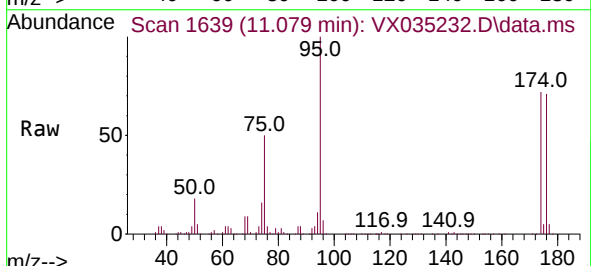
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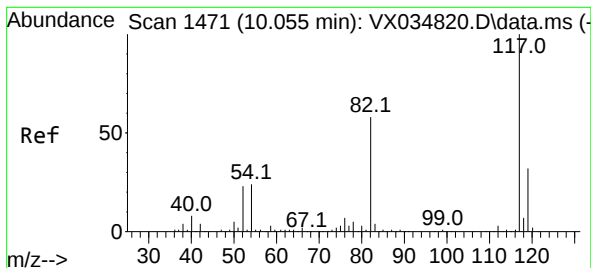
Tgt Ion: 98 Resp: 550555
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.001 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Tgt Ion: 95 Resp: 202874
Ion Ratio Lower Upper
95 100
174 77.6 0.0 147.4
176 74.8 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: VX035232.D

Acq: 21 Apr 2023 15:39

Instrument :

MSVOA_X

ClientSampleId :

IBLK

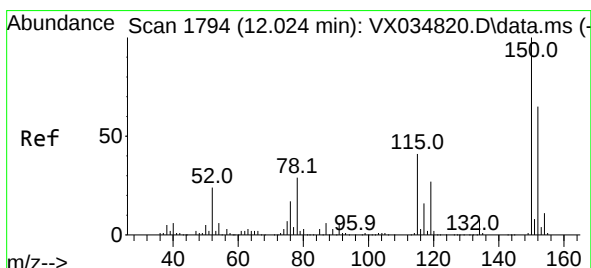
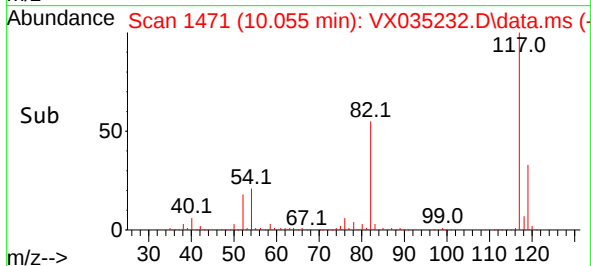
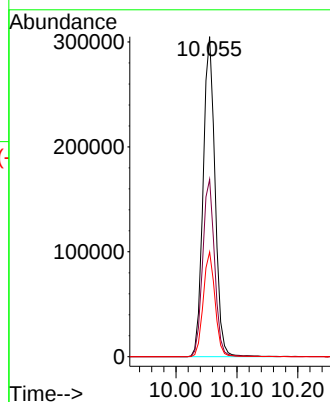
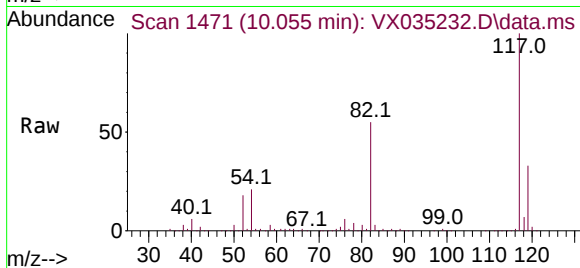
Tgt Ion:117 Resp: 415945

Ion Ratio Lower Upper

117 100

82 55.4 45.0 67.4

119 32.7 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: VX035232.D

Acq: 21 Apr 2023 15:39

Tgt Ion:152 Resp: 191804

Ion Ratio Lower Upper

152 100

115 59.7 45.0 135.0

150 155.8 0.0 352.4

