

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034901.D
 Acq On : 01 Apr 2023 04:37
 Operator : JC/MD
 Sample : 02137-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DD

Quant Time: Apr 03 03:20:25 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	5.550	168	266212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	205062	50.367	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.740%	
35) Dibromofluoromethane	5.385	113	143746	47.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.860%	
50) Toluene-d8	8.647	98	546222	49.339	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.680%	
62) 4-Bromofluorobenzene	11.079	95	202020	47.156	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.320%	

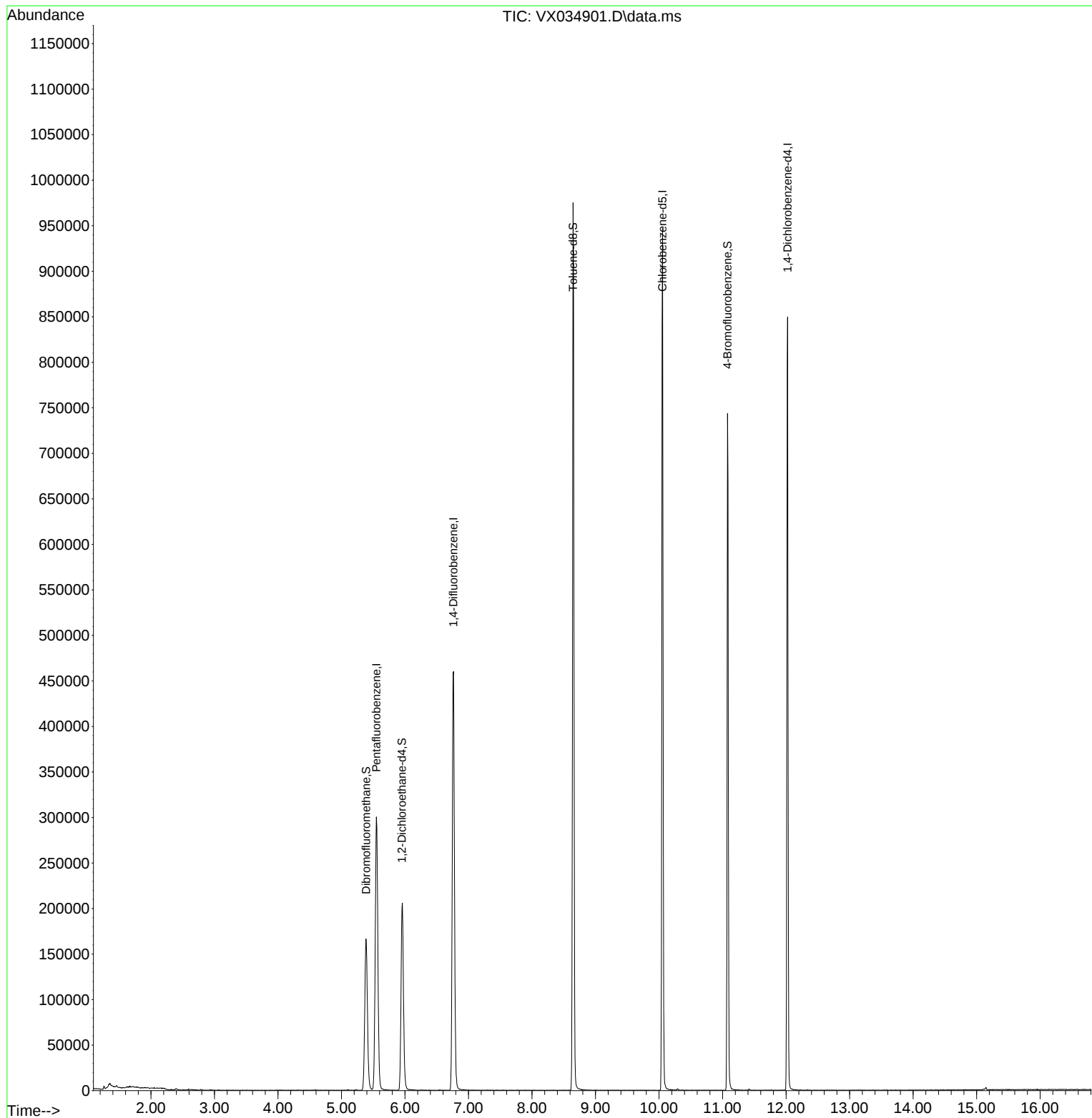
Target Compounds	Qvalue

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

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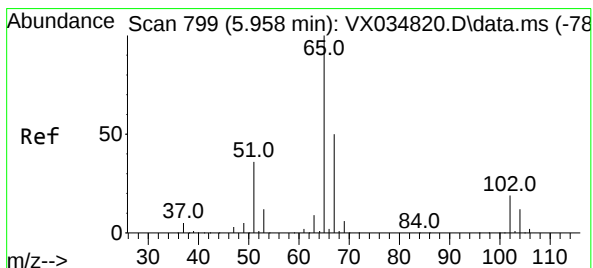
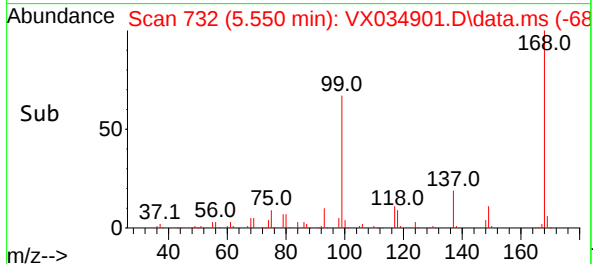
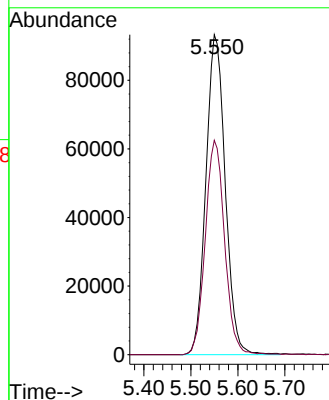
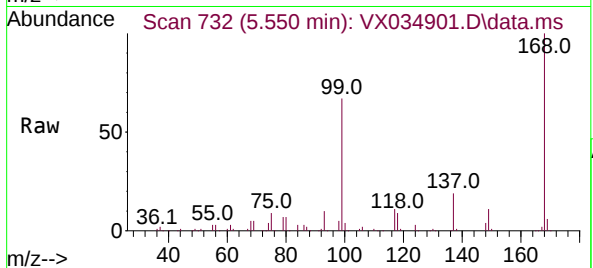




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

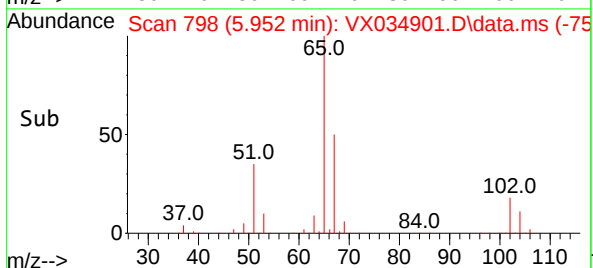
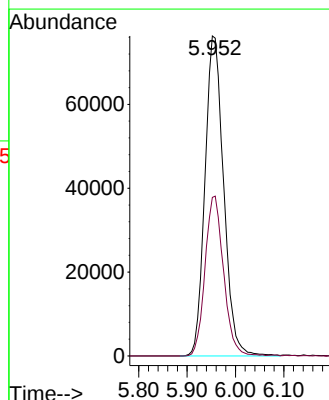
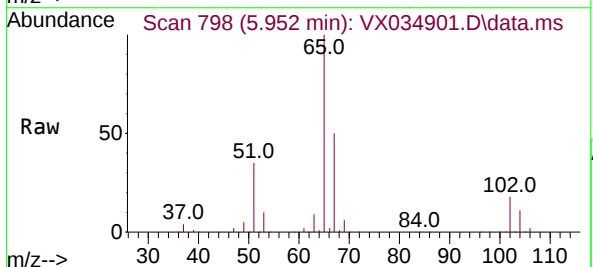
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

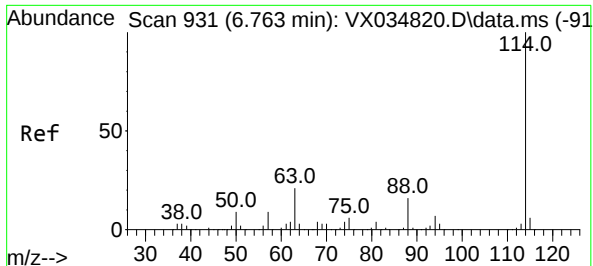
Tgt Ion:168 Resp: 266212
Ion Ratio Lower Upper
168 100
99 67.0 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 50.367 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

Tgt Ion: 65 Resp: 205062
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.0

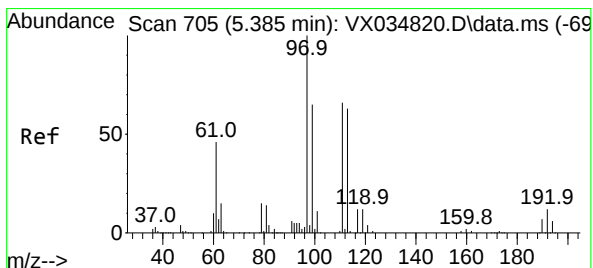
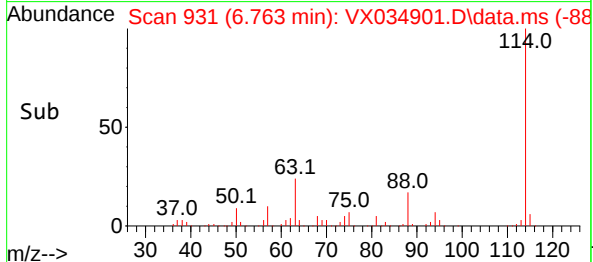
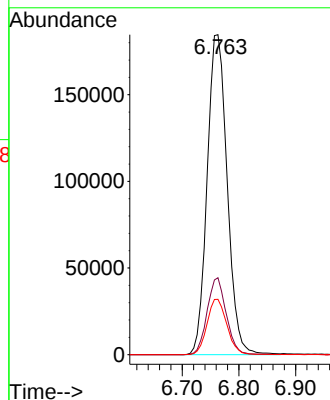
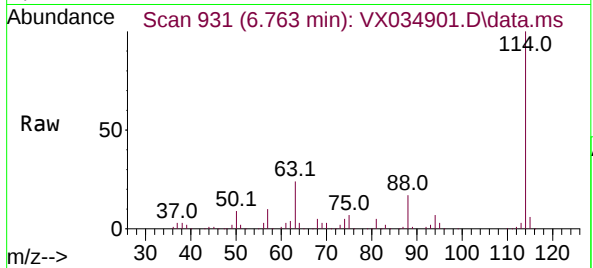




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

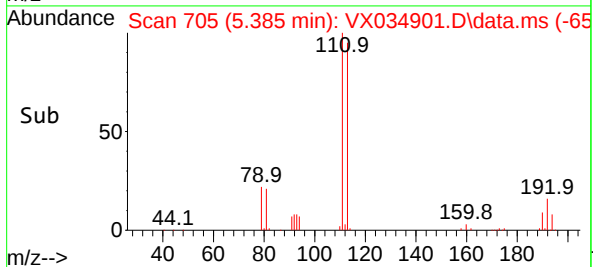
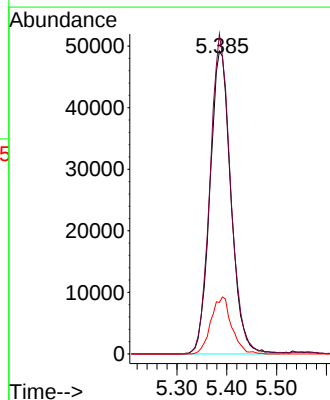
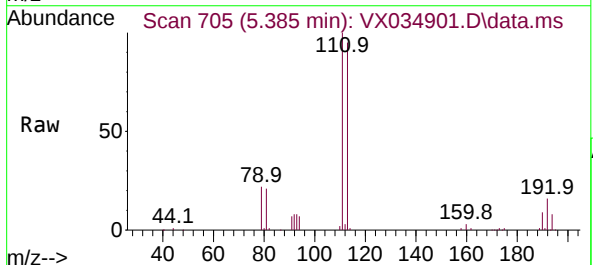
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

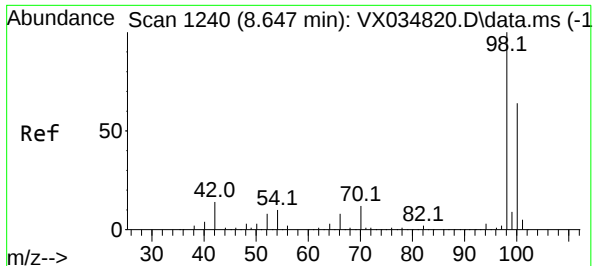
Tgt Ion:114 Resp: 453468
Ion Ratio Lower Upper
114 100
63 24.0 0.0 42.2
88 17.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.926 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

Tgt Ion:113 Resp: 143746
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 18.5 15.4 23.2





#50

Toluene-d8

Concen: 49.339 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034901.D

Acq: 01 Apr 2023 04:37

Instrument :

MSVOA_X

ClientSampleId :

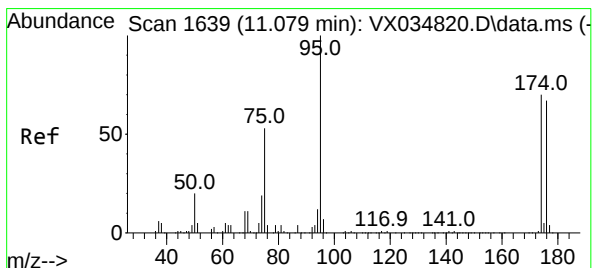
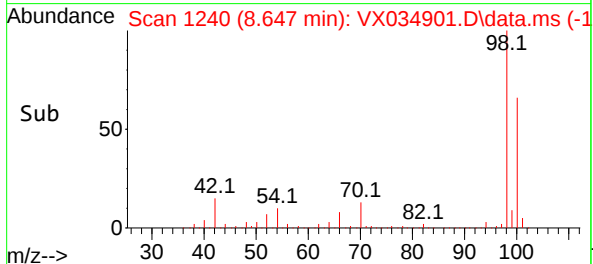
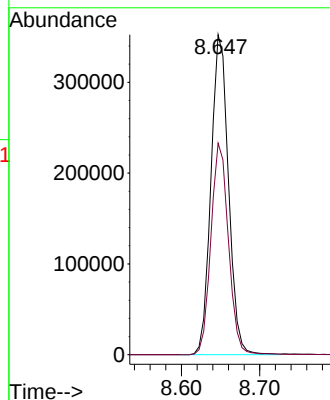
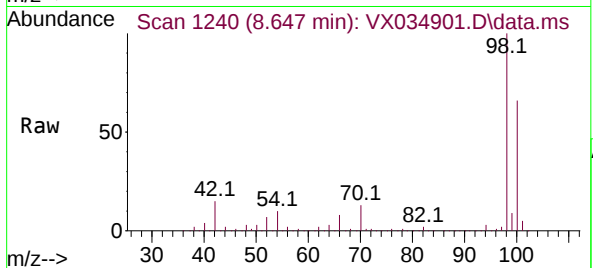
SY-3DD

Tgt Ion: 98 Resp: 546222

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 47.156 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034901.D

Acq: 01 Apr 2023 04:37

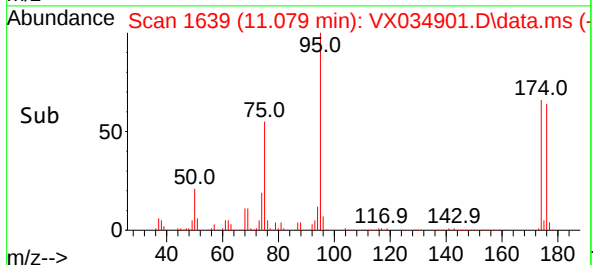
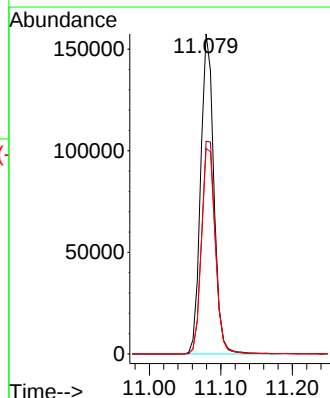
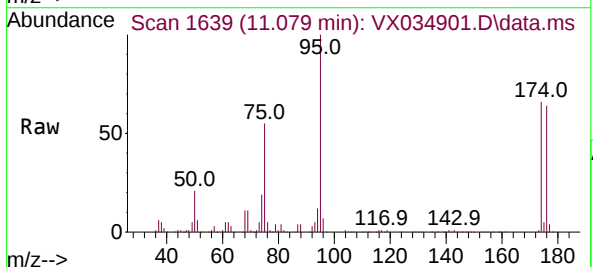
Tgt Ion: 95 Resp: 202020

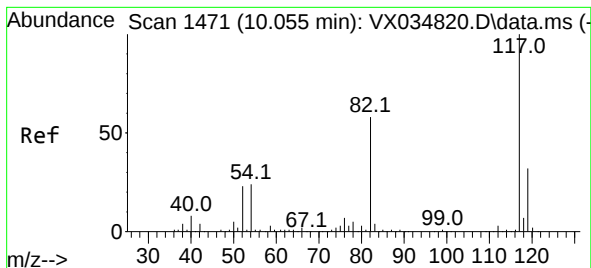
Ion Ratio Lower Upper

95 100

174 69.5 0.0 147.4

176 67.2 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: VX034901.D

Acq: 01 Apr 2023 04:37

Instrument :

MSVOA_X

ClientSampleId :

SY-3DD

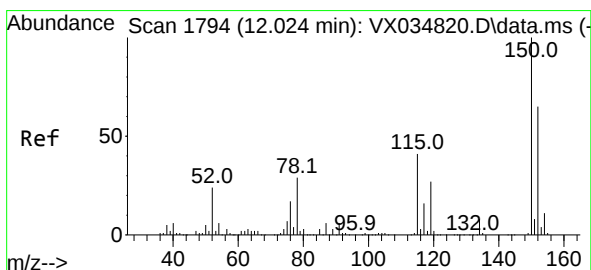
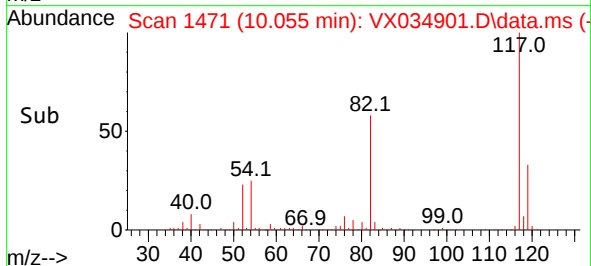
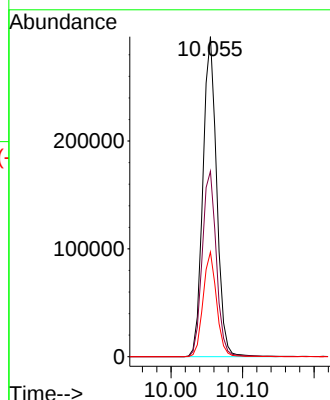
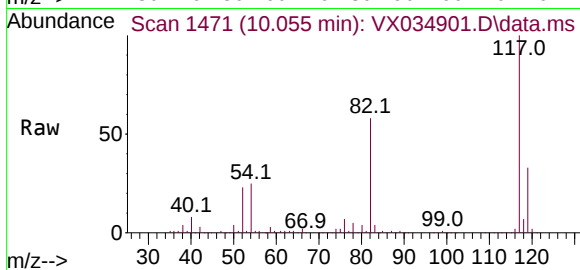
Tgt Ion:117 Resp: 397626

Ion Ratio Lower Upper

117 100

82 57.9 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: VX034901.D

Acq: 01 Apr 2023 04:37

Tgt Ion:152 Resp: 164093

Ion Ratio Lower Upper

152 100

115 64.6 45.0 135.0

150 159.0 0.0 352.4

