

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042201.D
 Acq On : 05 Jul 2024 10:10
 Operator : JC/MD
 Sample : VX0705WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBL01

Quant Time: Jul 05 23:17:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	163608	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	253503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122276	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81357	43.123	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.240%
35) Dibromofluoromethane	5.385	113	78610	43.703	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.400%
50) Toluene-d8	8.646	98	295780	46.808	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.620%
62) 4-Bromofluorobenzene	11.079	95	112841	48.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.880%

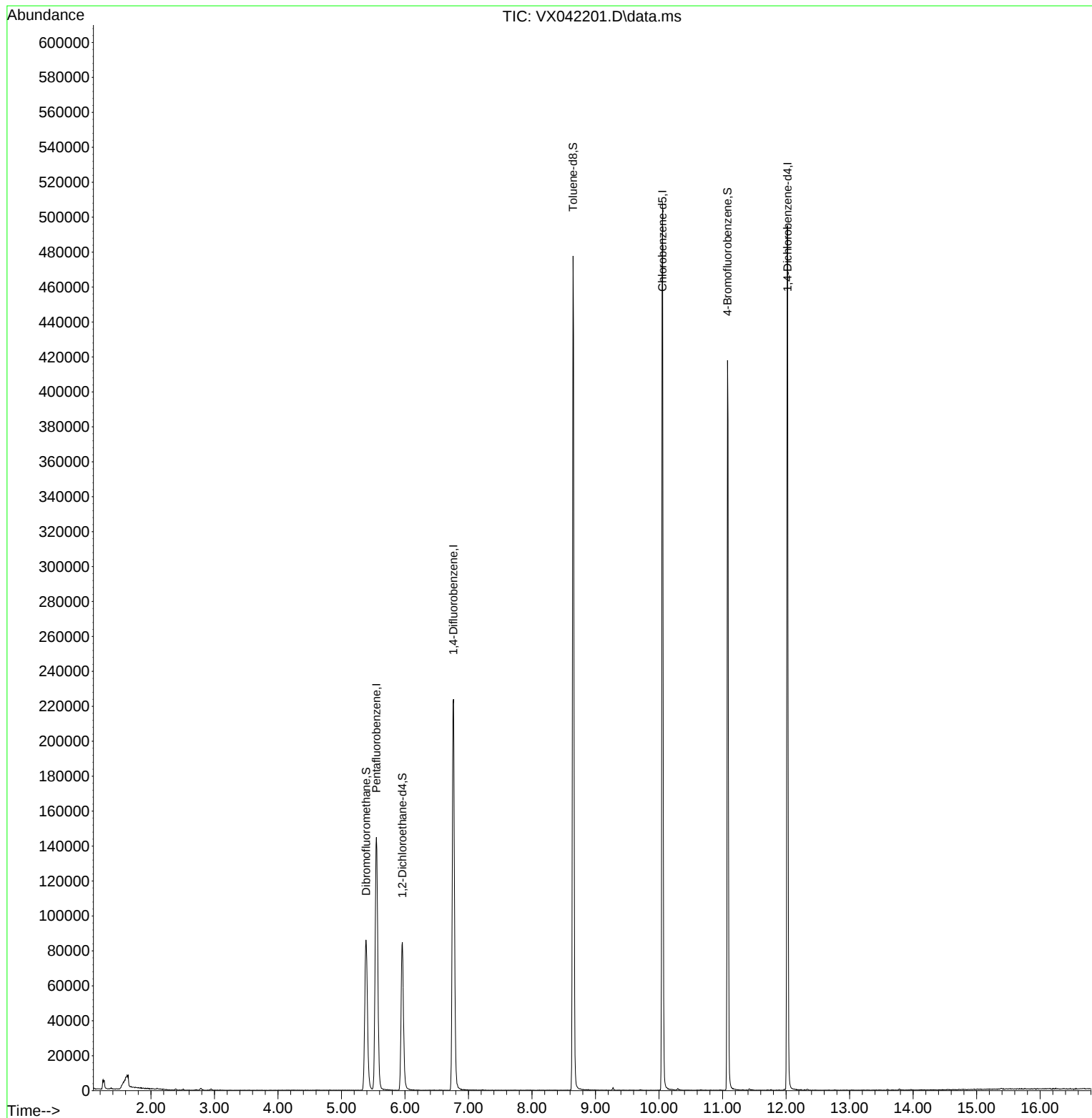
Target Compounds	Qvalue

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

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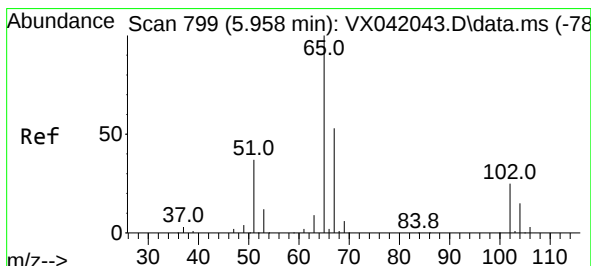
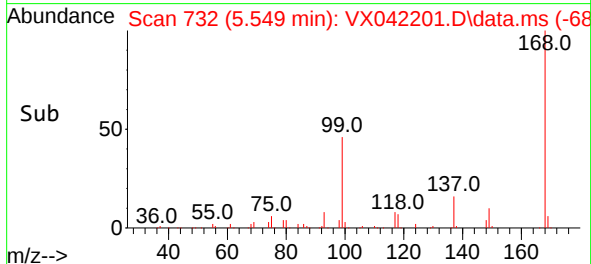
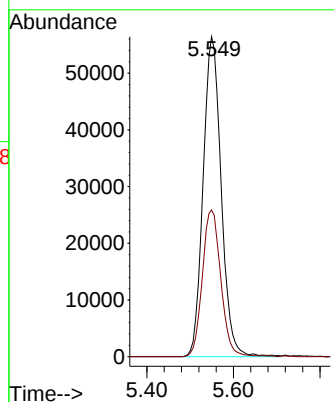
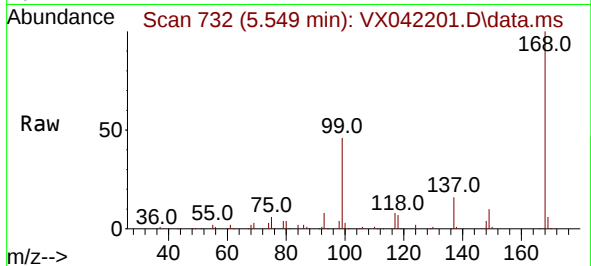




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

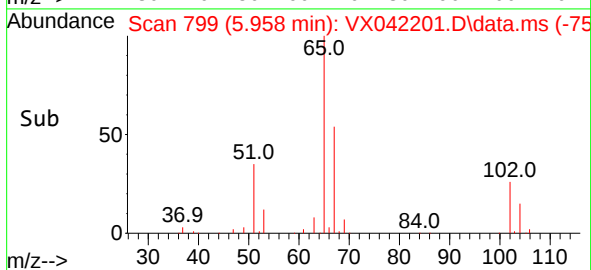
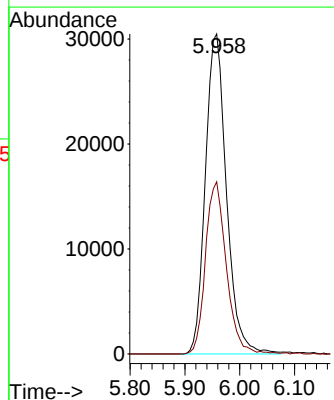
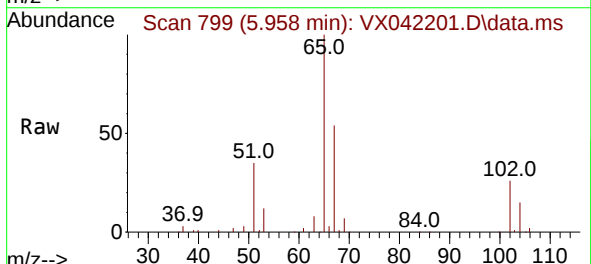
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

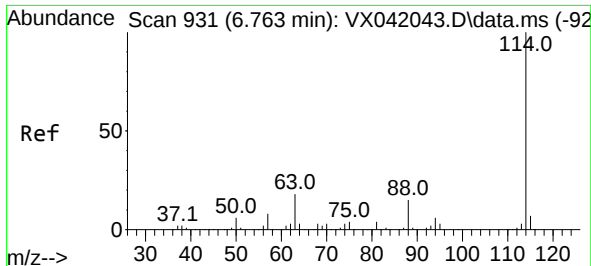
Tgt Ion:168 Resp: 163608
Ion Ratio Lower Upper
168 100
99 45.9 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 43.123 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Tgt Ion: 65 Resp: 81357
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

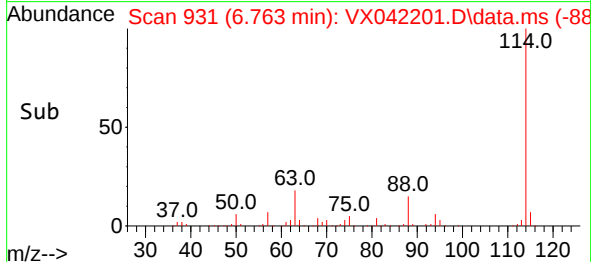
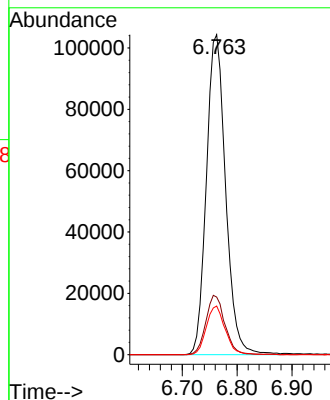
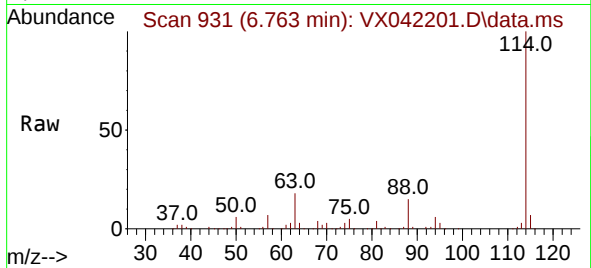




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

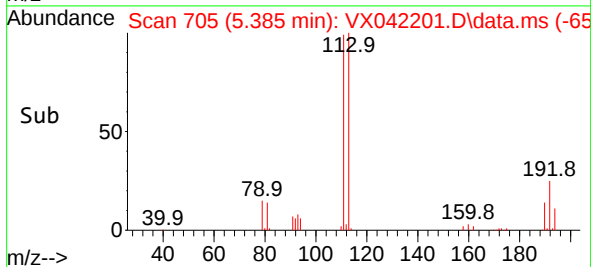
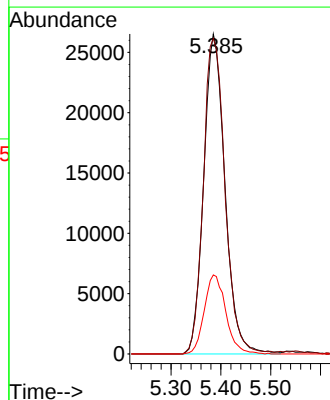
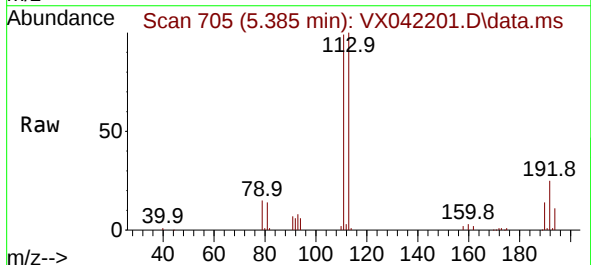
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

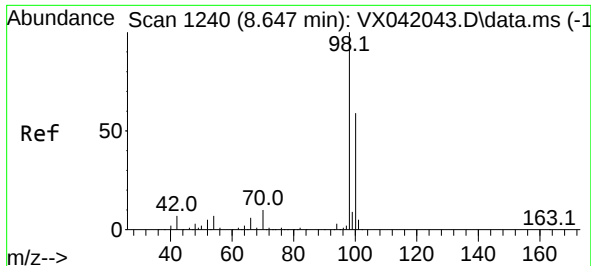
Tgt Ion:114 Resp: 253503
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.703 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Tgt Ion:113 Resp: 78610
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 25.0 13.3 19.9#

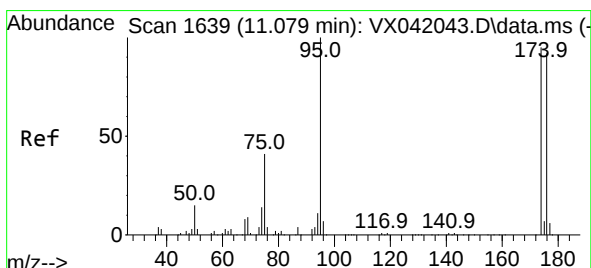
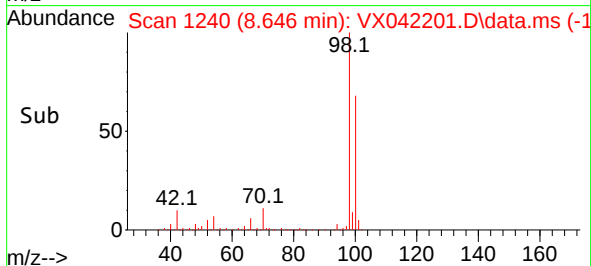
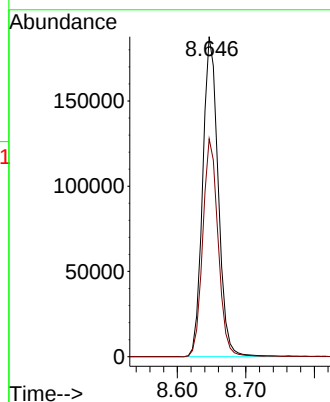
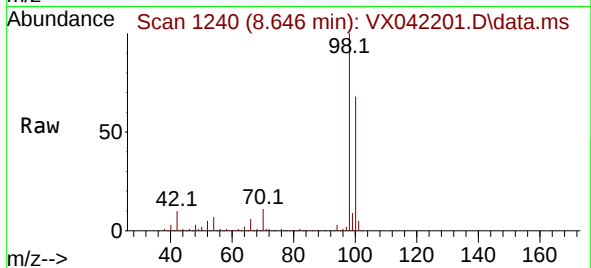




#50
Toluene-d8
Concen: 46.808 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

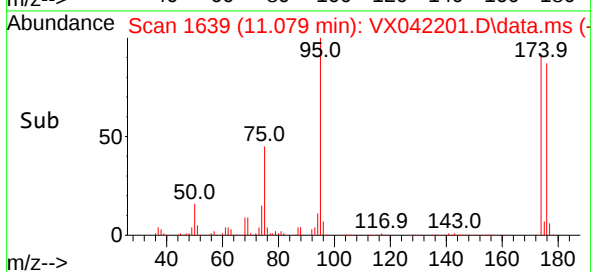
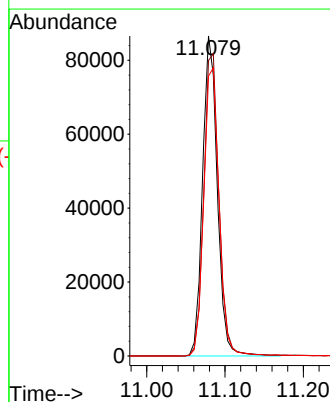
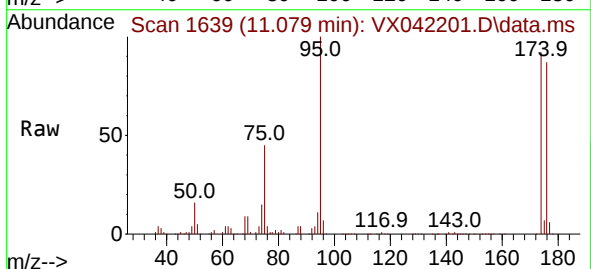
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

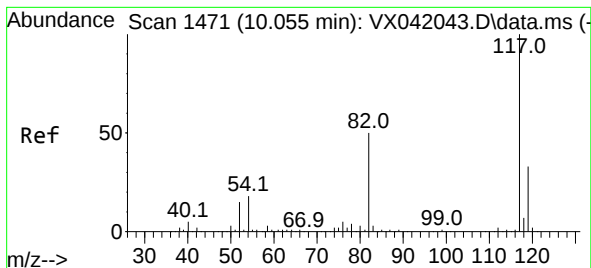
Tgt Ion: 98 Resp: 295780
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Tgt Ion: 95 Resp: 112841
Ion Ratio Lower Upper
95 100
174 97.8 0.0 135.6
176 93.7 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: VX042201.D

Acq: 05 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBL01

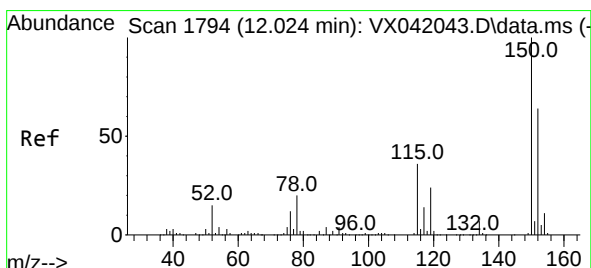
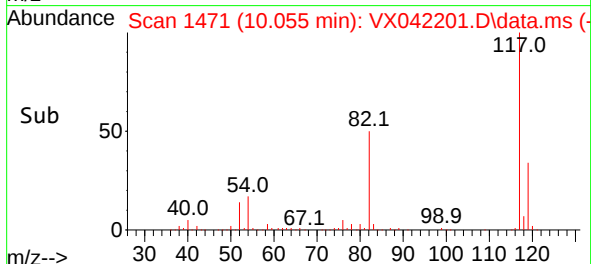
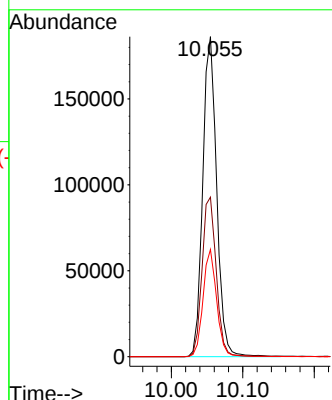
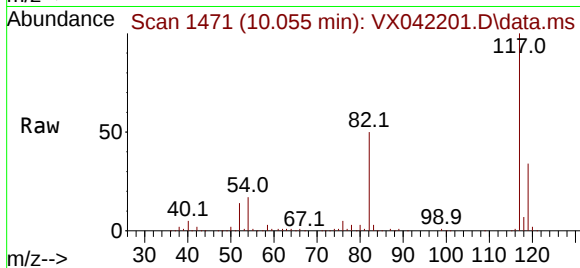
Tgt Ion:117 Resp: 252194

Ion Ratio Lower Upper

117 100

82 49.8 46.2 69.4

119 33.5 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: VX042201.D

Acq: 05 Jul 2024 10:10

Tgt Ion:152 Resp: 122276

Ion Ratio Lower Upper

152 100

115 52.5 43.3 129.9

150 154.6 0.0 345.0

