

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038371.D
 Acq On : 19 Oct 2023 09:33
 Operator : JC/MD
 Sample : VX1019MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019MBL01

Quant Time: Oct 20 03:35:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	132129	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	239022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93315	43.909	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.820%
35) Dibromofluoromethane	5.379	113	75731	43.971	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.940%
50) Toluene-d8	8.647	98	301189	45.764	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.520%#
62) 4-Bromofluorobenzene	11.079	95	117784	47.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.420%

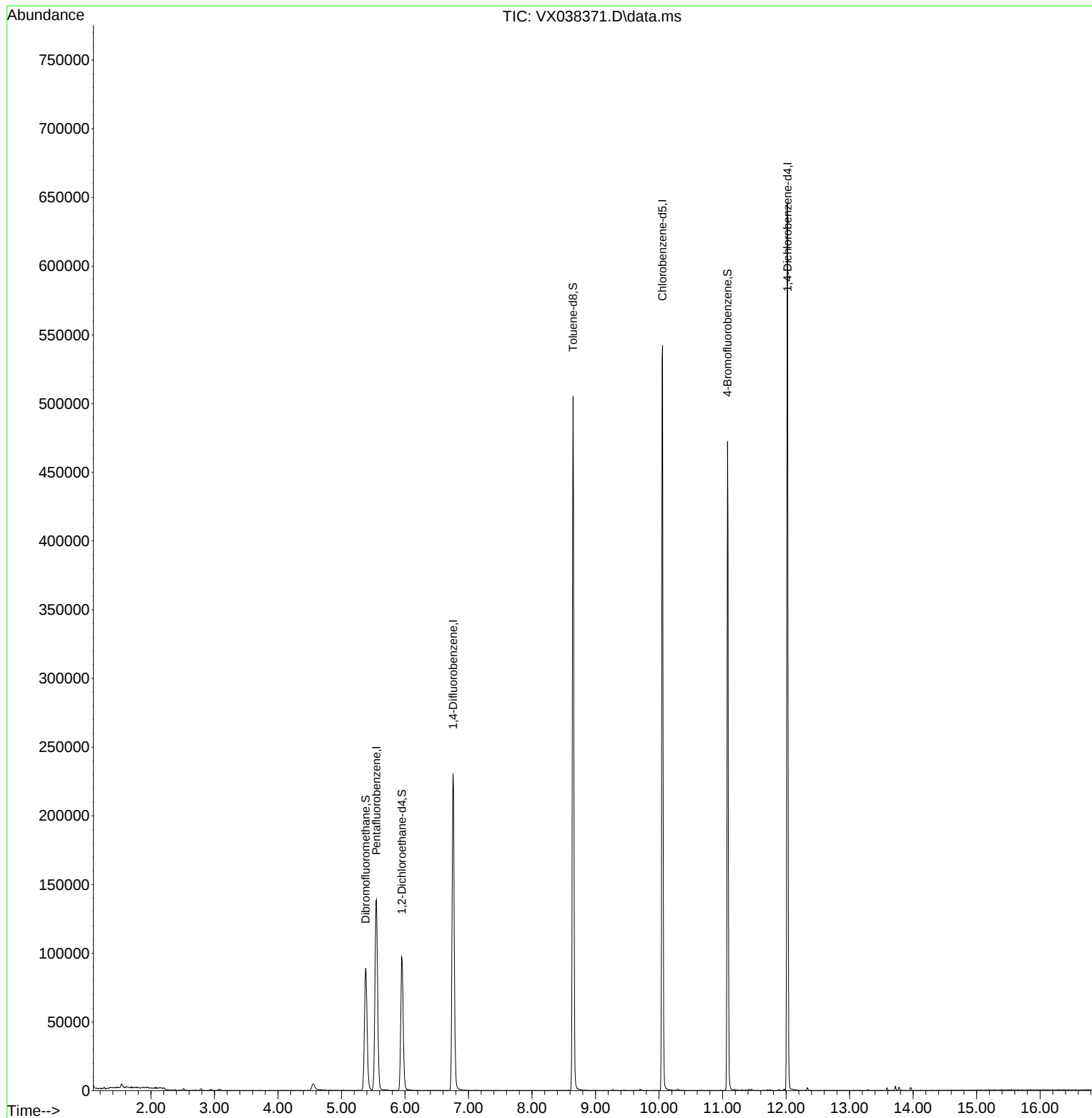
Target Compounds	Qvalue

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

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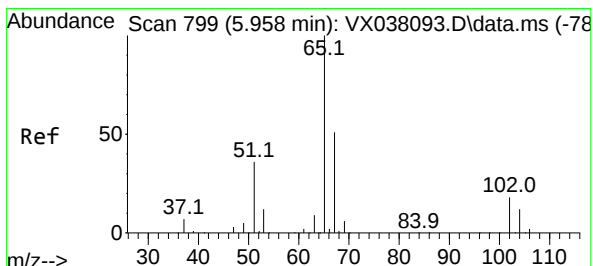
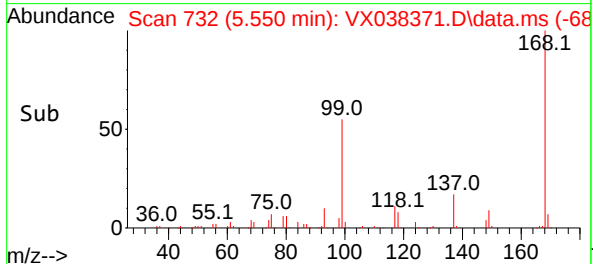
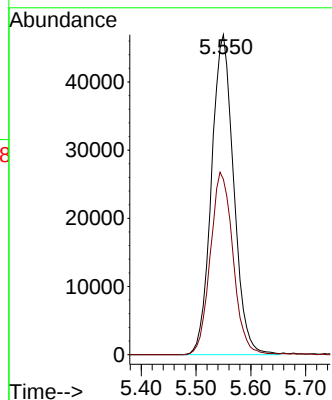
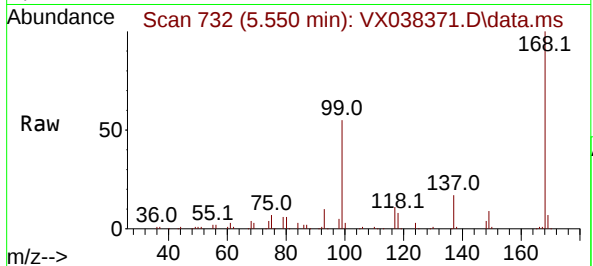




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038371.D
Acq: 19 Oct 2023 09:33

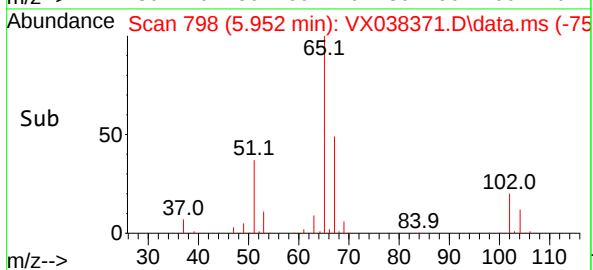
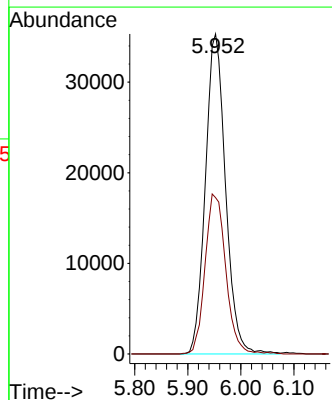
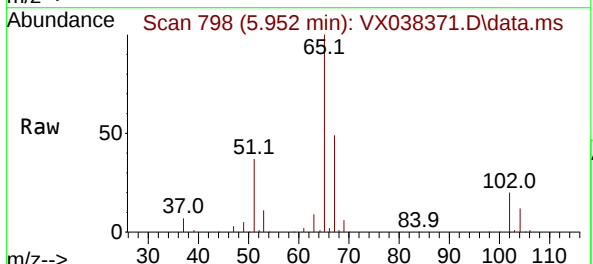
Instrument :
MSVOA_X
ClientSampleId :
VX1019MBL01

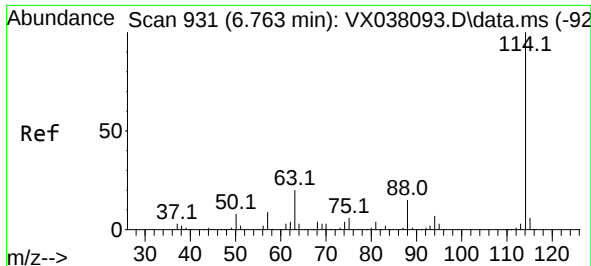
Tgt Ion:168 Resp: 132129
Ion Ratio Lower Upper
168 100
99 54.8 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 43.909 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038371.D
Acq: 19 Oct 2023 09:33

Tgt Ion: 65 Resp: 93315
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

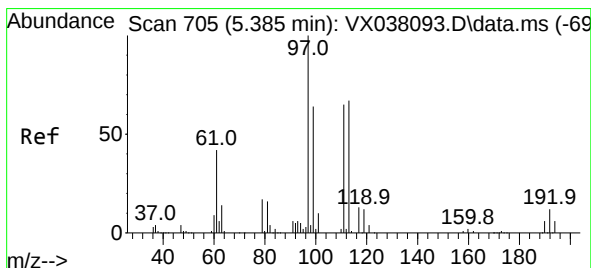
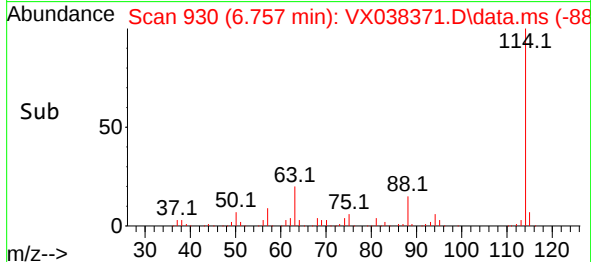
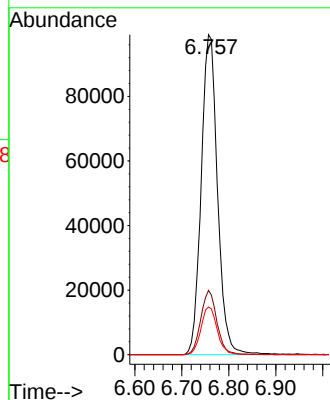
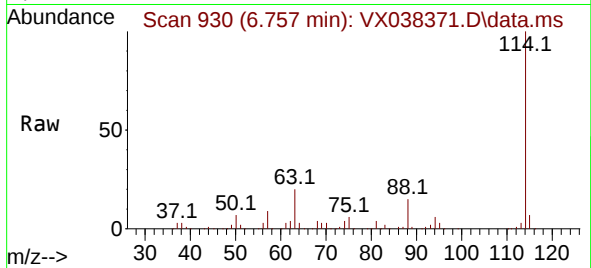




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038371.D
Acq: 19 Oct 2023 09:33

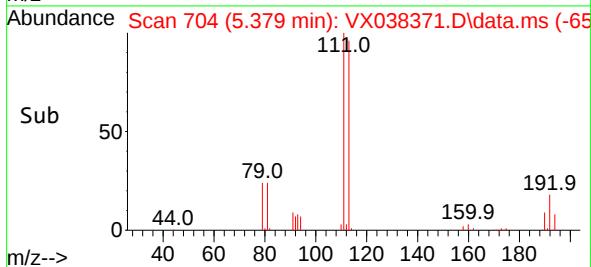
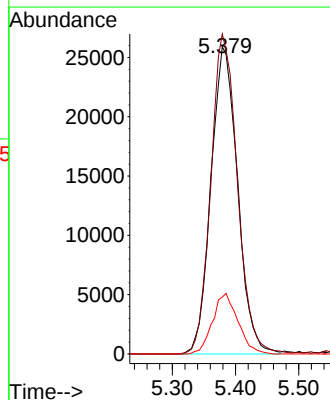
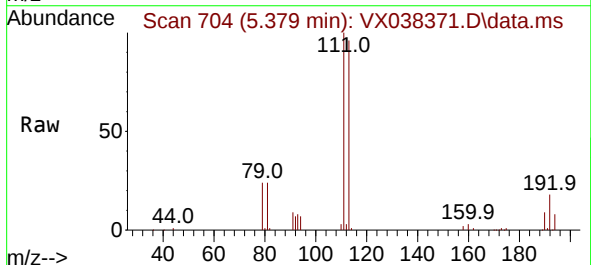
Instrument :
MSVOA_X
ClientSampleId :
VX1019MBL01

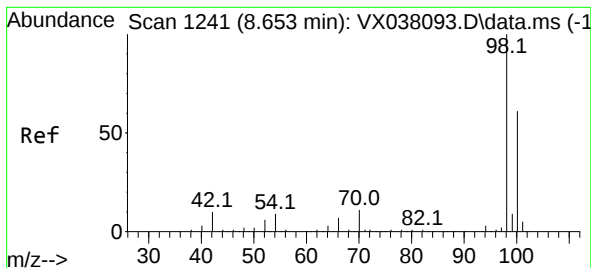
Tgt Ion:114 Resp: 239022
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.971 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038371.D
Acq: 19 Oct 2023 09:33

Tgt Ion:113 Resp: 75731
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.8 13.3 19.9





#50

Toluene-d8

Concen: 45.764 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038371.D

Acq: 19 Oct 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

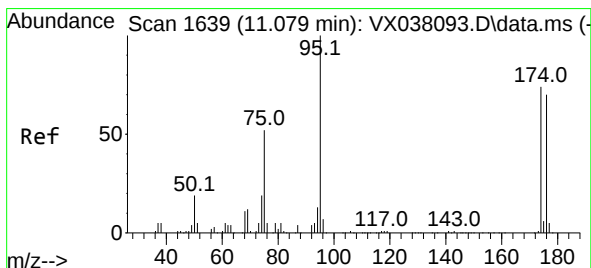
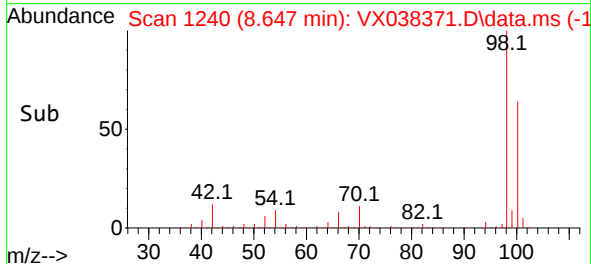
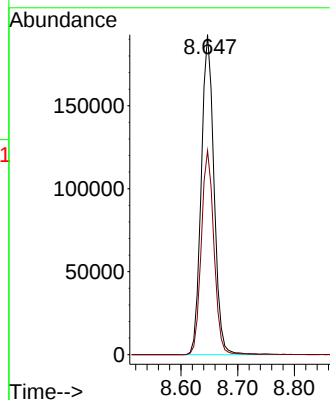
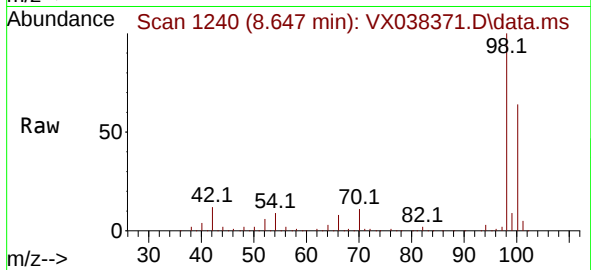
VX1019MBL01

Tgt Ion: 98 Resp: 301189

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.207 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038371.D

Acq: 19 Oct 2023 09:33

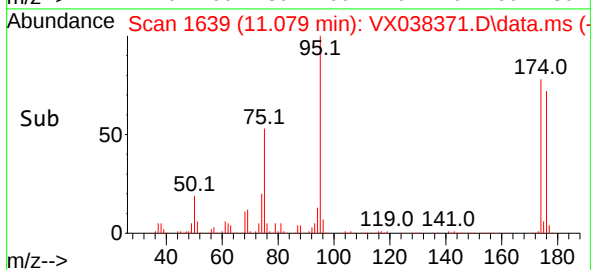
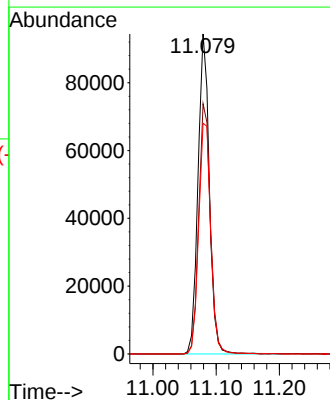
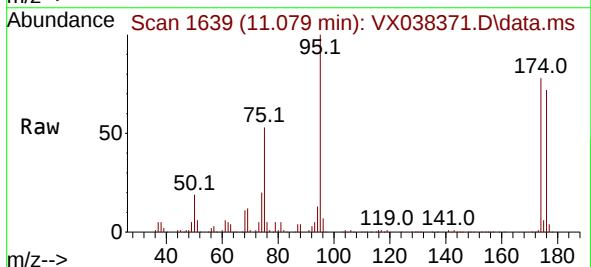
Tgt Ion: 95 Resp: 117784

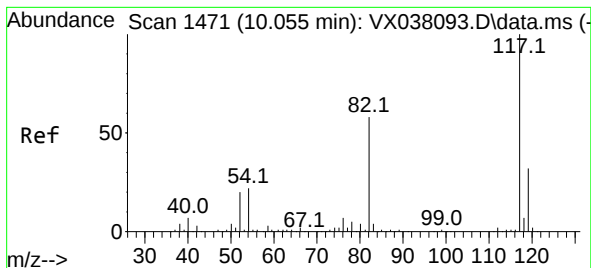
Ion Ratio Lower Upper

95 100

174 81.1 0.0 135.6

176 76.8 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: VX038371.D

Acq: 19 Oct 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VX1019MBL01

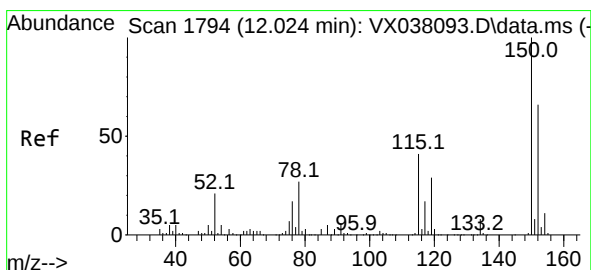
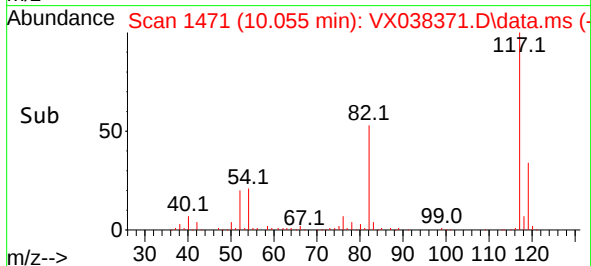
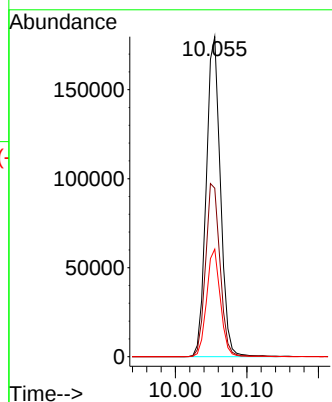
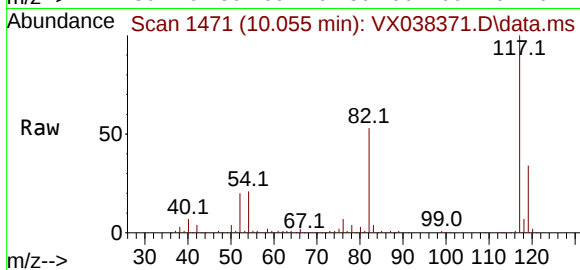
Tgt Ion:117 Resp: 247320

Ion Ratio Lower Upper

117 100

82 52.7 46.2 69.4

119 33.6 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: VX038371.D

Acq: 19 Oct 2023 09:33

Tgt Ion:152 Resp: 131703

Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 155.7 0.0 345.0

