

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092623\
 Data File : VX037903.D
 Acq On : 26 Sep 2023 12:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 27 01:13:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	214749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	363583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132122	46.827	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.660%
35) Dibromofluoromethane	5.391	113	114390	47.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	8.653	98	437422	48.392	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.079	95	160379	48.826	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.660%

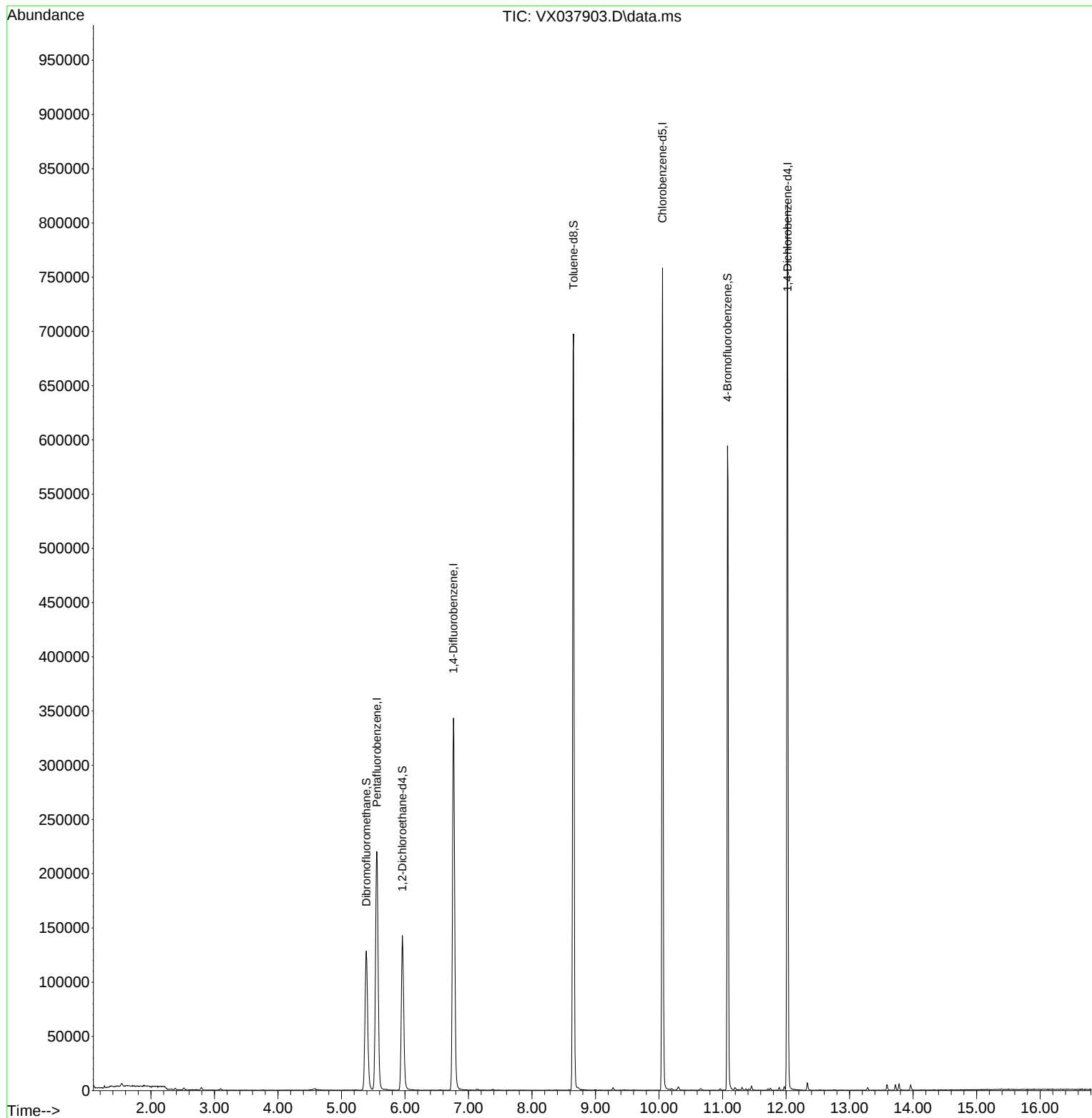
Target Compounds	Qvalue

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

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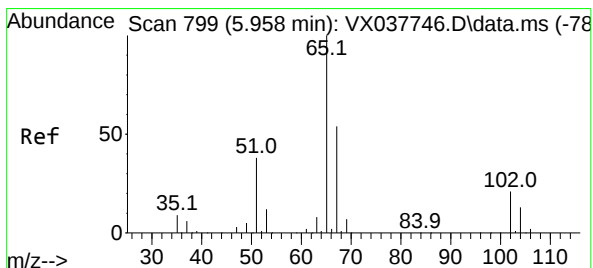
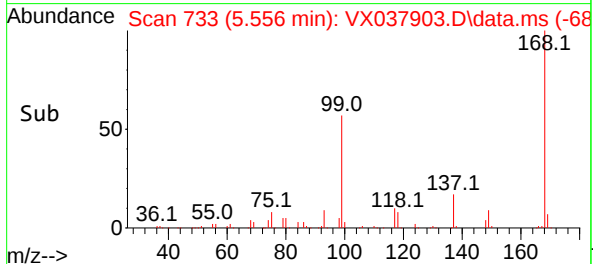
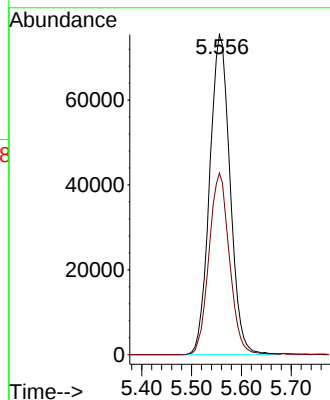
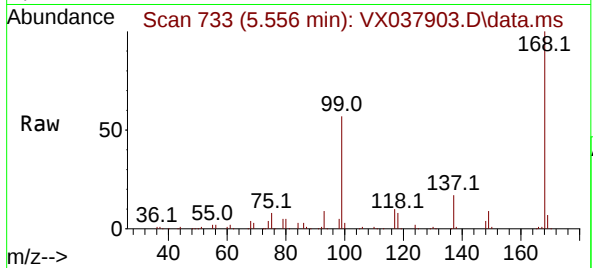




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

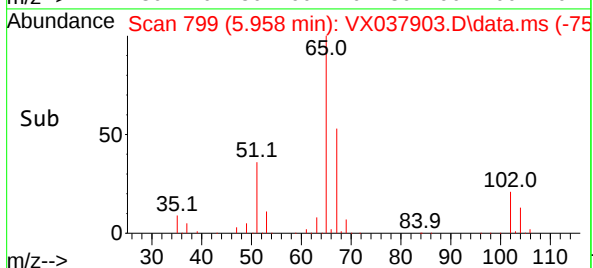
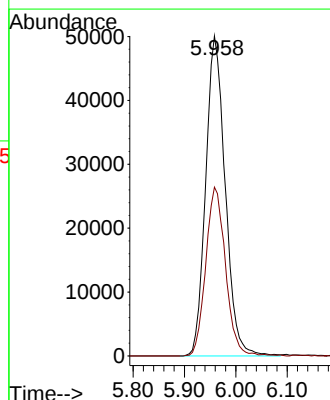
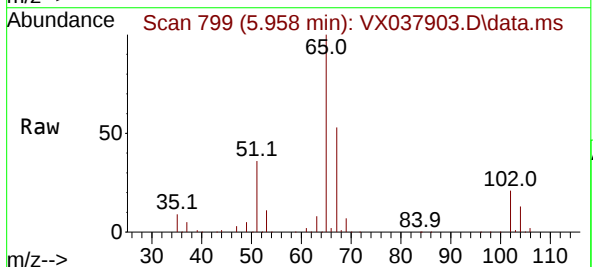
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 214749
Ion Ratio Lower Upper
168 100
99 56.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.827 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Tgt Ion: 65 Resp: 132122
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

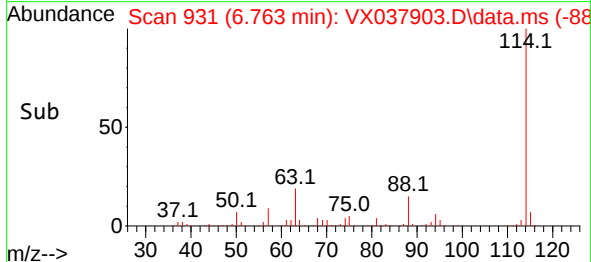
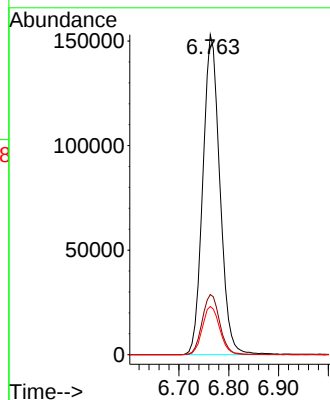
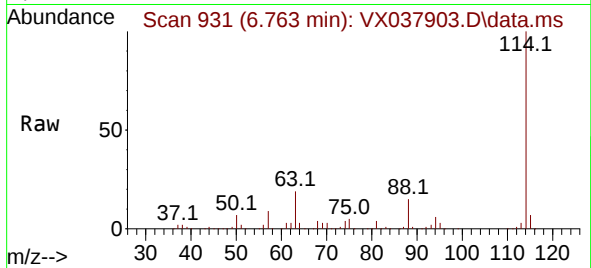




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

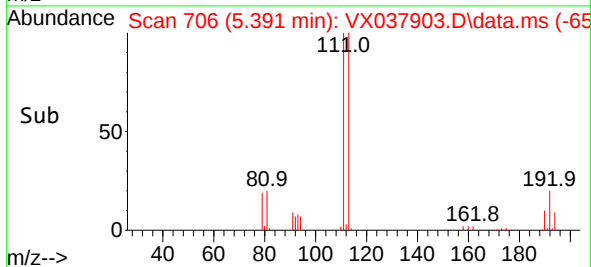
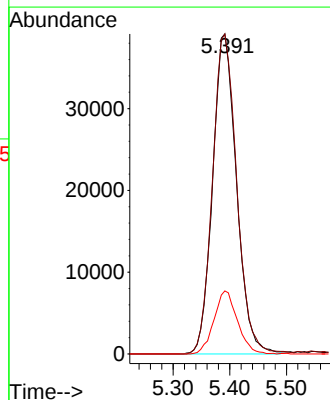
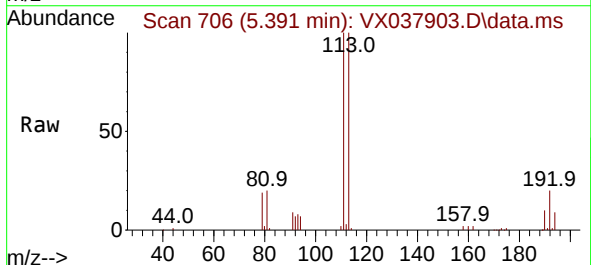
Instrument :
MSVOA_X
ClientSampleId :
IBLK

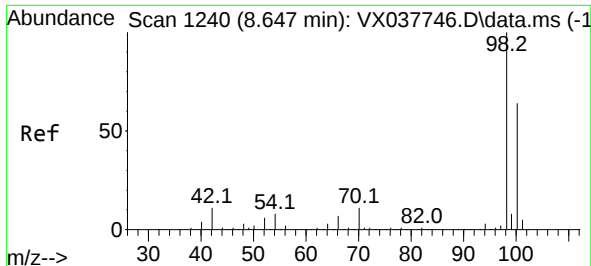
Tgt Ion:114 Resp: 363583
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.021 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Tgt Ion:113 Resp: 114390
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 19.4 13.3 19.9

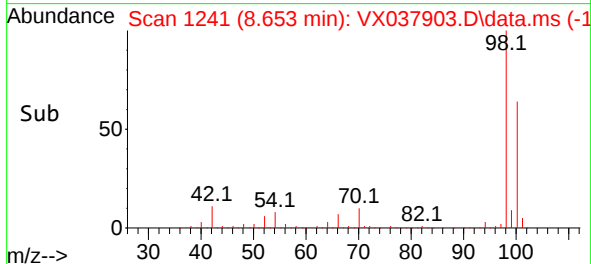
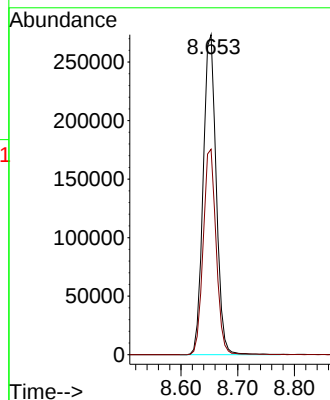
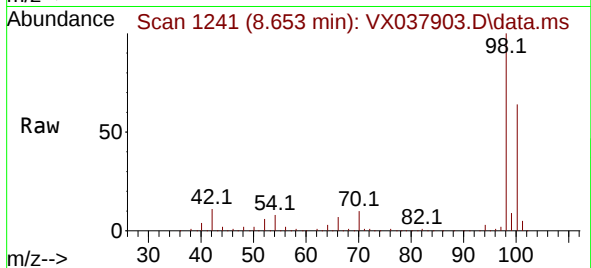




#50
Toluene-d8
Concen: 48.392 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

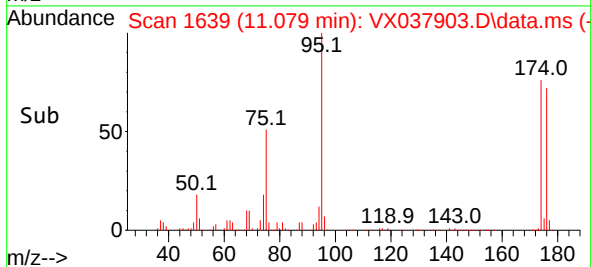
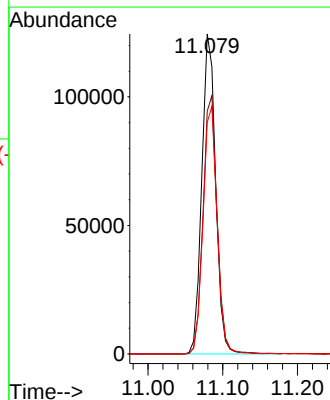
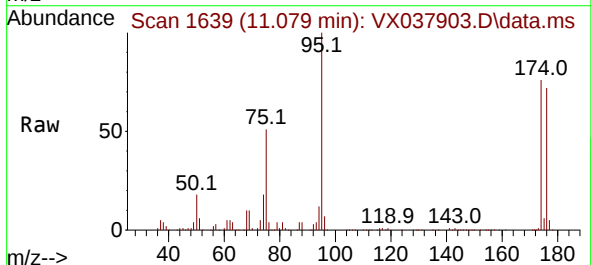
Instrument :
MSVOA_X
ClientSampleId :
IBLK

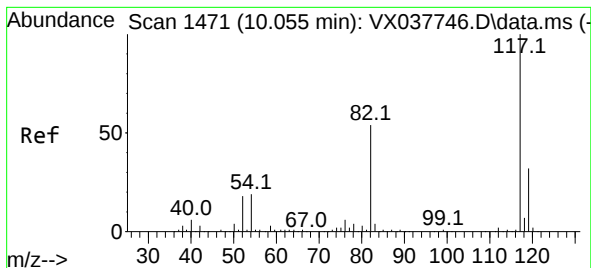
Tgt Ion: 98 Resp: 437422
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.826 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Tgt Ion: 95 Resp: 160379
Ion Ratio Lower Upper
95 100
174 82.0 0.0 135.6
176 78.7 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: VX037903.D

Acq: 26 Sep 2023 12:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

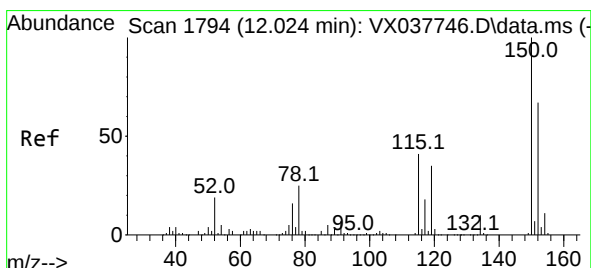
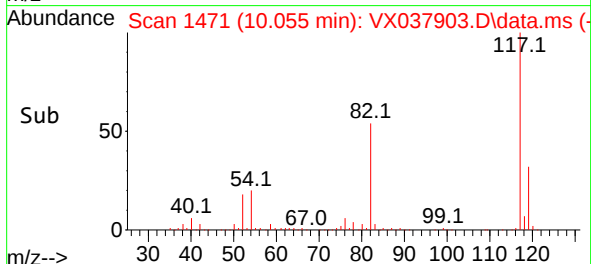
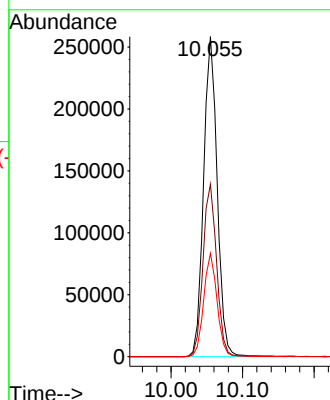
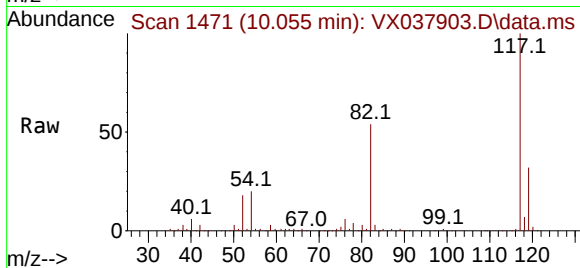
Tgt Ion:117 Resp: 341893

Ion Ratio Lower Upper

117 100

82 53.9 46.2 69.4

119 32.3 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: VX037903.D

Acq: 26 Sep 2023 12:24

Tgt Ion:152 Resp: 175639

Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 157.0 0.0 345.0

