

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037804.D
 Acq On : 19 Sep 2023 14:30
 Operator : JC/MD
 Sample : 04491-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-9-15

Quant Time: Sep 20 01:02:42 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	225192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	380939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141225	47.732	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.460%
35) Dibromofluoromethane	5.391	113	119173	46.755	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.500%
50) Toluene-d8	8.653	98	461482	48.727	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.079	95	171432	49.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.620%

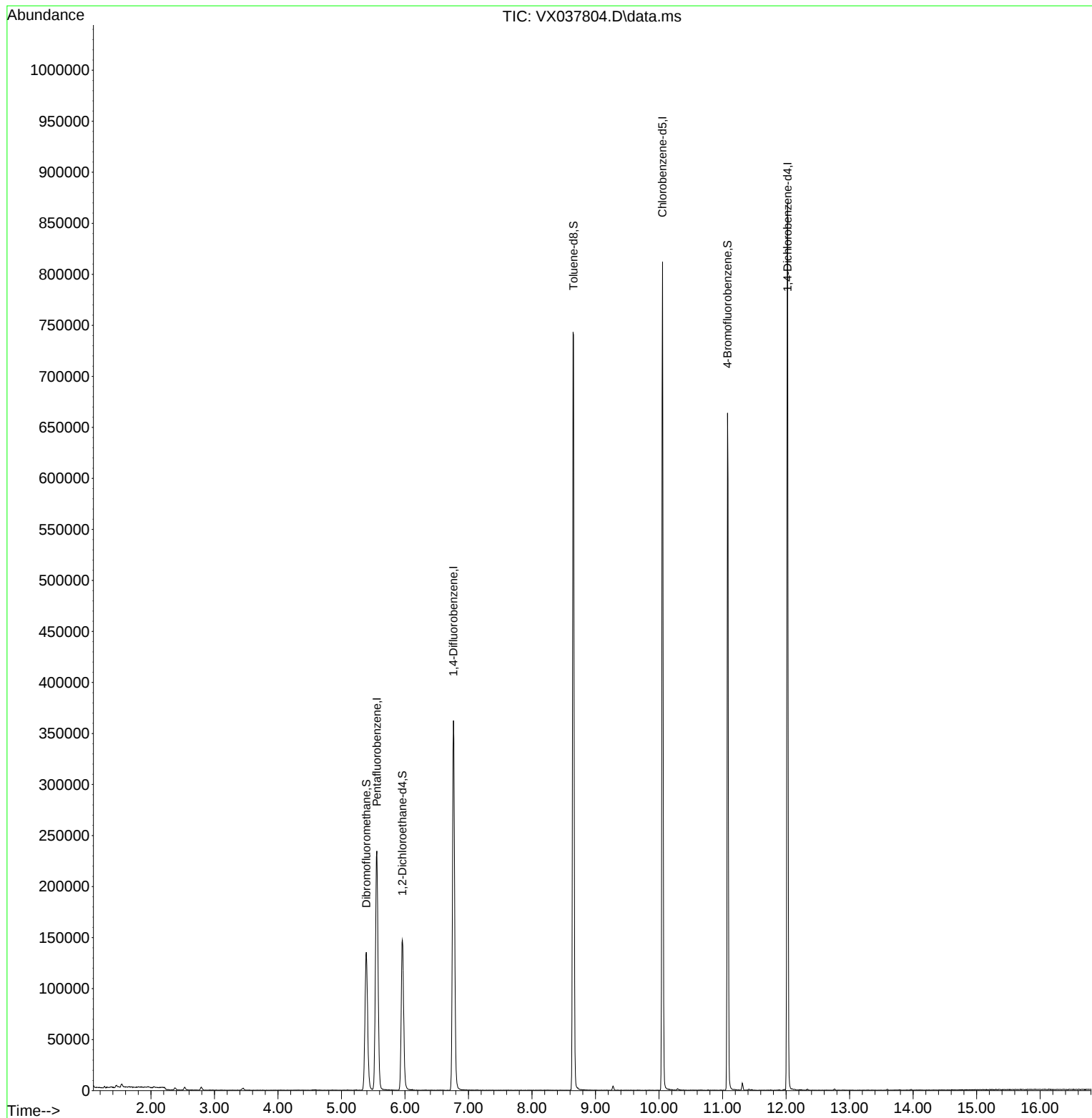
Target Compounds	Qvalue

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

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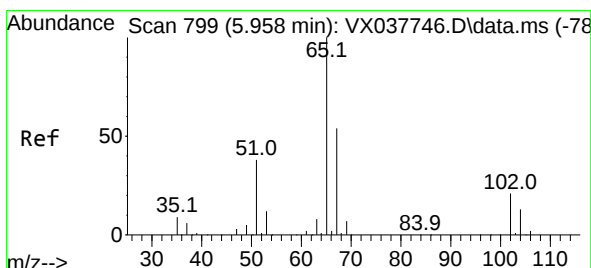
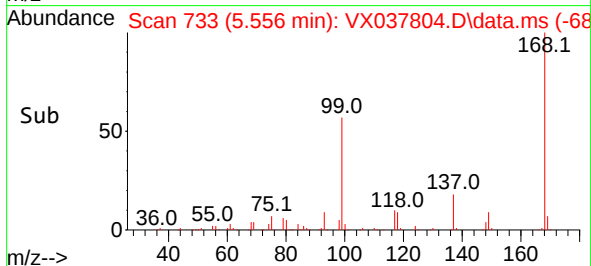
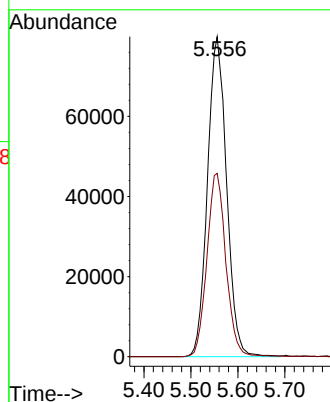
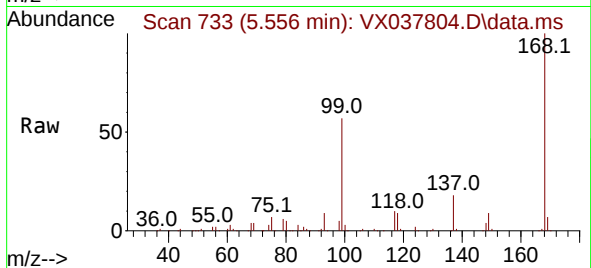




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX037804.D
Acq: 19 Sep 2023 14:30

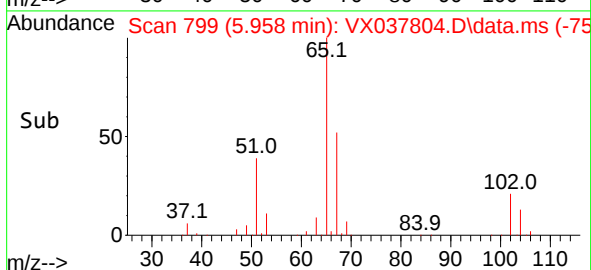
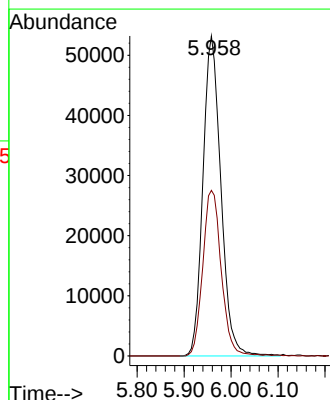
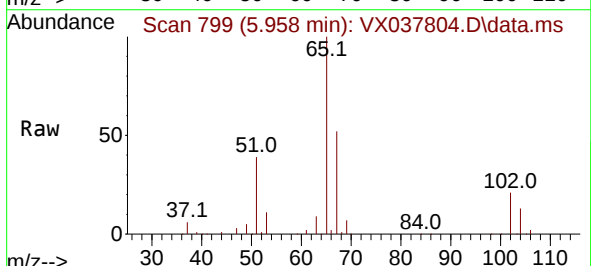
Instrument :
MSVOA_X
ClientSampleId :
TB-9-15

Tgt Ion:168 Resp: 225192
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.732 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037804.D
Acq: 19 Sep 2023 14:30

Tgt Ion: 65 Resp: 141225
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

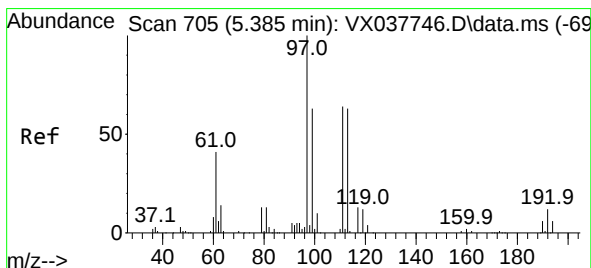
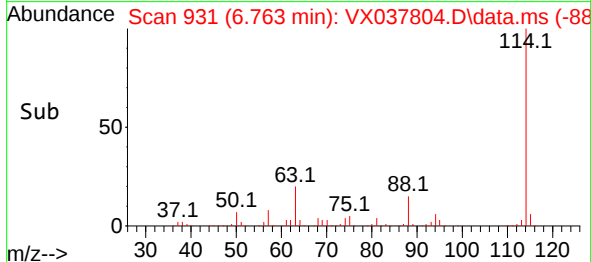
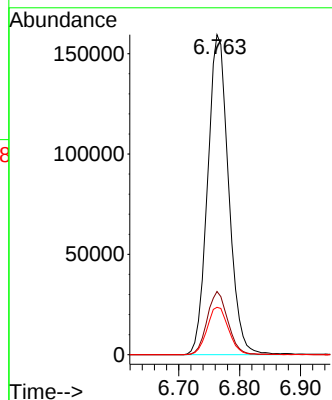
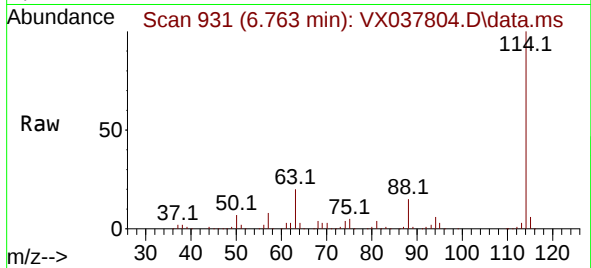




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037804.D
Acq: 19 Sep 2023 14:30

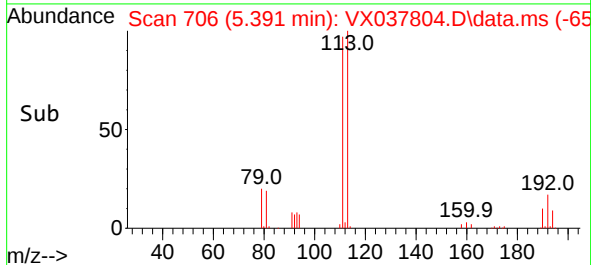
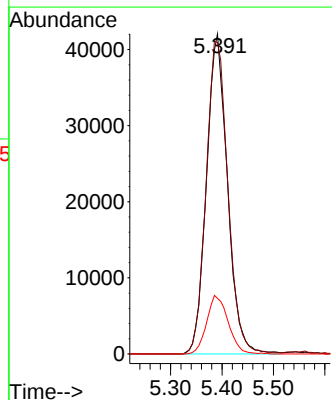
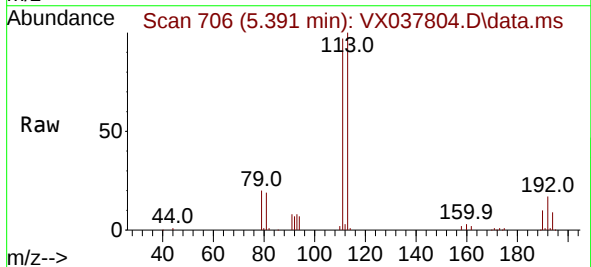
Instrument :
MSVOA_X
ClientSampleId :
TB-9-15

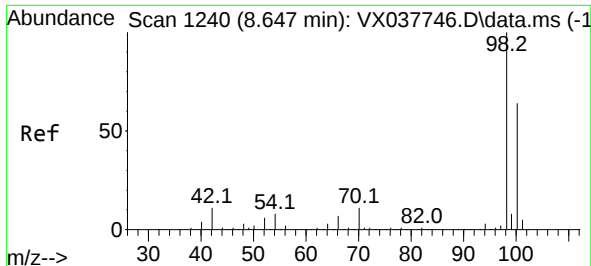
Tgt Ion:114 Resp: 380939
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.755 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037804.D
Acq: 19 Sep 2023 14:30

Tgt Ion:113 Resp: 119173
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.7 13.3 19.9

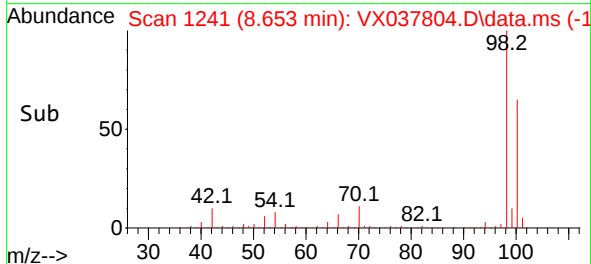
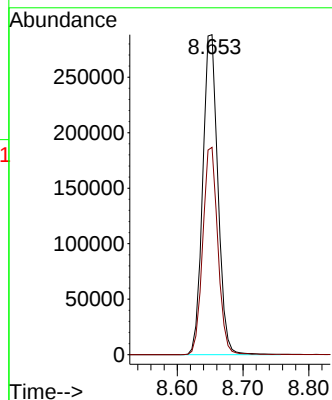
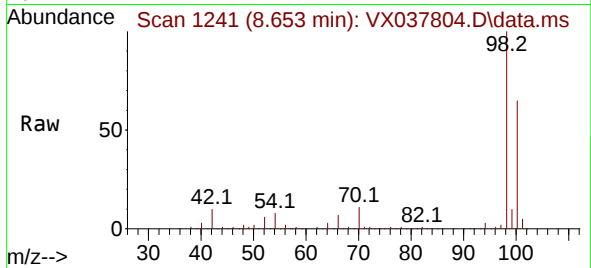




#50
Toluene-d8
Concen: 48.727 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037804.D
Acq: 19 Sep 2023 14:30

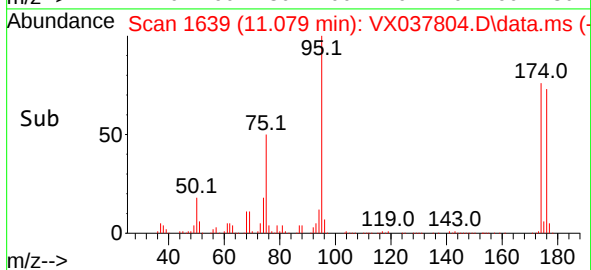
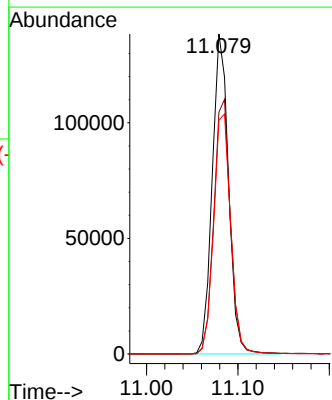
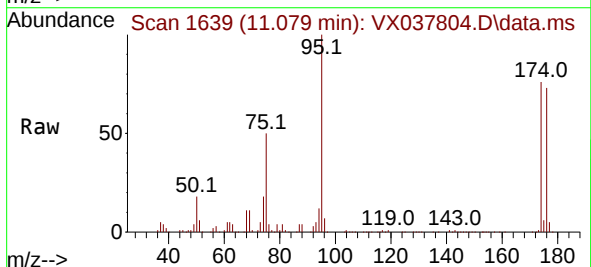
Instrument :
MSVOA_X
ClientSampleId :
TB-9-15

Tgt Ion: 98 Resp: 461482
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037804.D
Acq: 19 Sep 2023 14:30

Tgt Ion: 95 Resp: 171432
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 78.8 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: VX037804.D

Acq: 19 Sep 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

TB-9-15

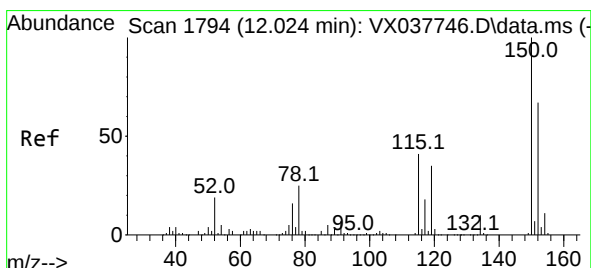
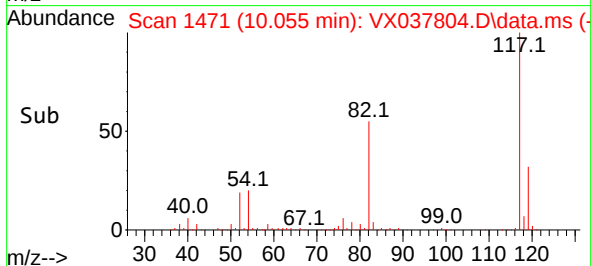
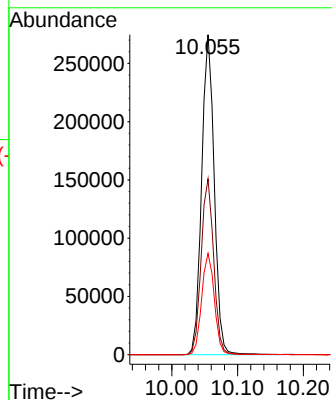
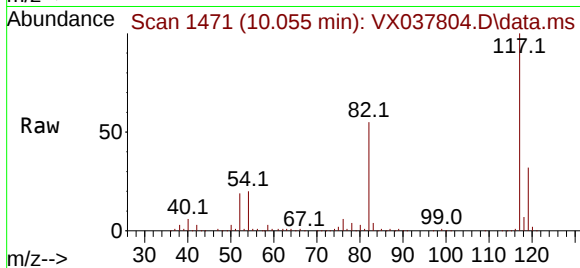
Tgt Ion:117 Resp: 365304

Ion Ratio Lower Upper

117 100

82 55.0 46.2 69.4

119 31.6 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: VX037804.D

Acq: 19 Sep 2023 14:30

Tgt Ion:152 Resp: 183392

Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 157.6 0.0 345.0

