

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032480.D
 Acq On : 31 Oct 2022 12:14
 Operator : JC/MD
 Sample : N5381-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 265393-7

Quant Time: Nov 01 05:08:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	130330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85679	47.313	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.620%
35) Dibromofluoromethane	5.385	113	69694	46.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	8.647	98	247636	47.915	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.840%
62) 4-Bromofluorobenzene	11.079	95	93996	46.560	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.120%

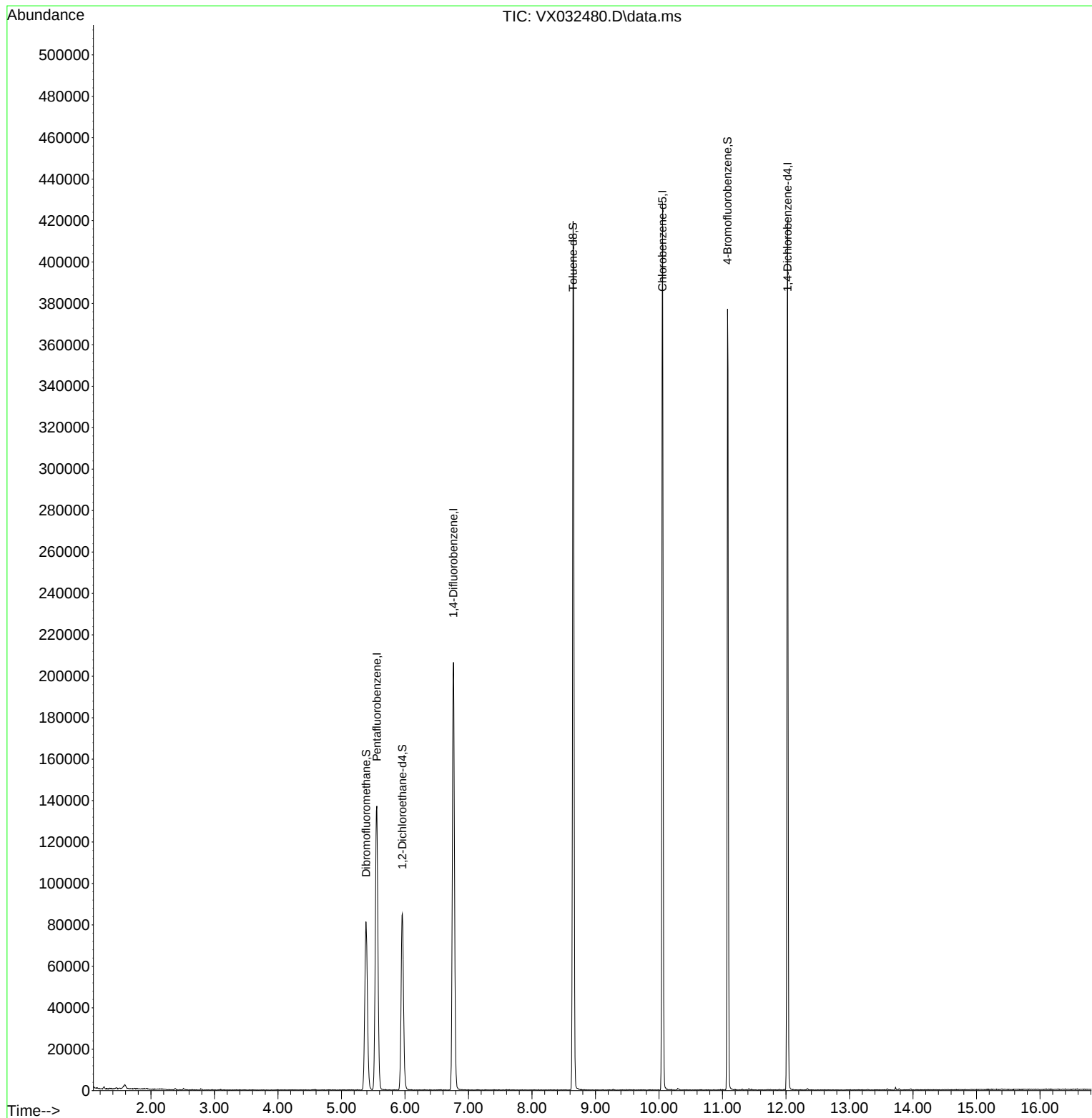
Target Compounds	Qvalue

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

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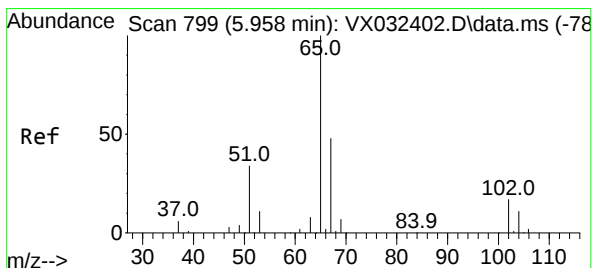
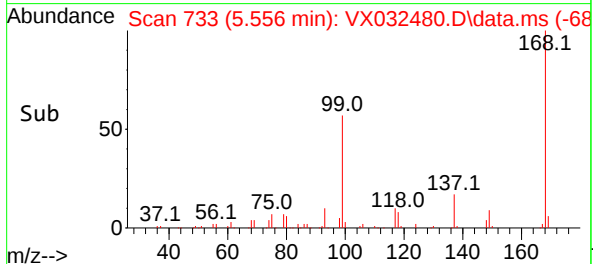
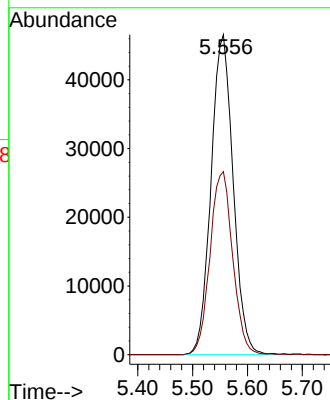
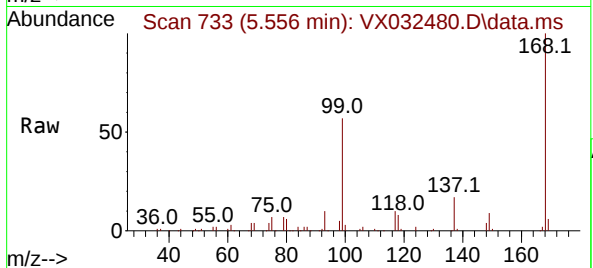




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

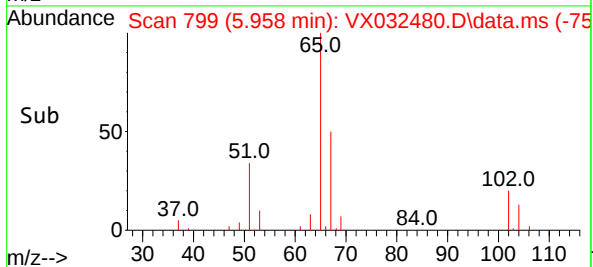
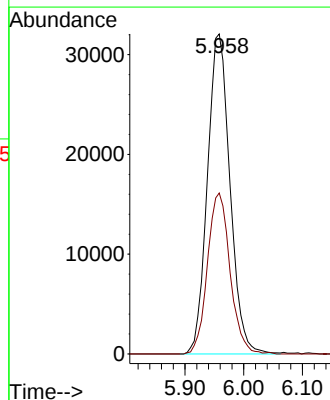
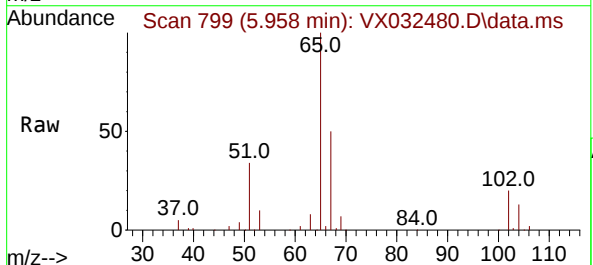
Instrument :
MSVOA_X
ClientSampleId :
265393-7

Tgt Ion:168 Resp: 130330
Ion Ratio Lower Upper
168 100
99 57.2 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 47.313 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

Tgt Ion: 65 Resp: 85679
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

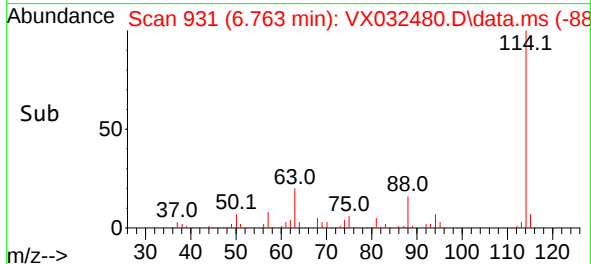
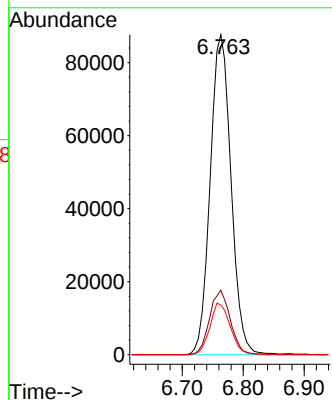
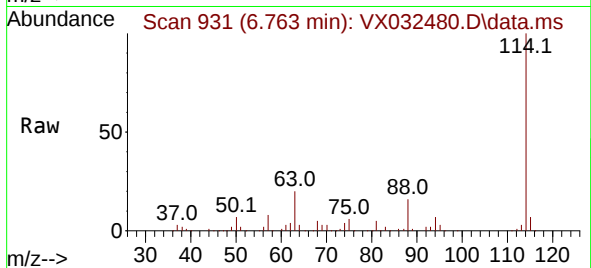




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

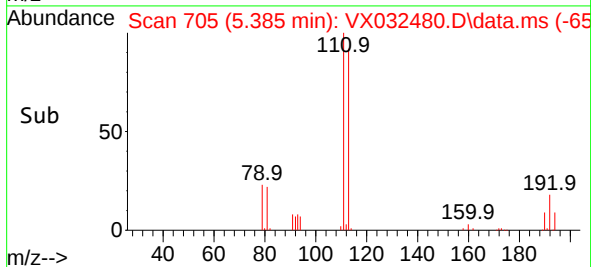
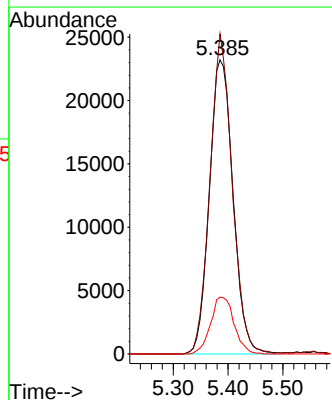
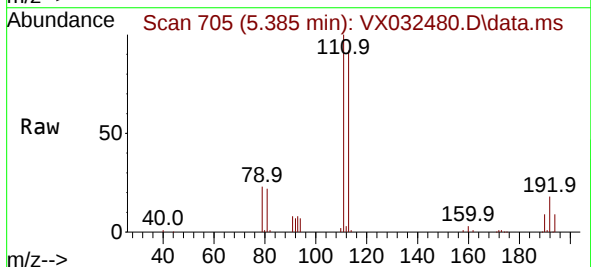
Instrument :
MSVOA_X
ClientSampleId :
265393-7

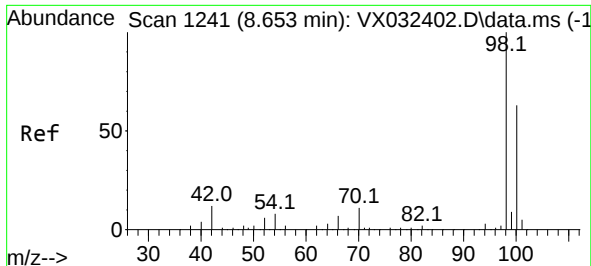
Tgt Ion:114 Resp: 208366
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.891 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

Tgt Ion:113 Resp: 69694
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 19.1 15.4 23.2

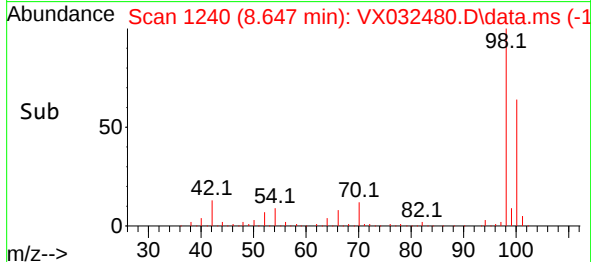
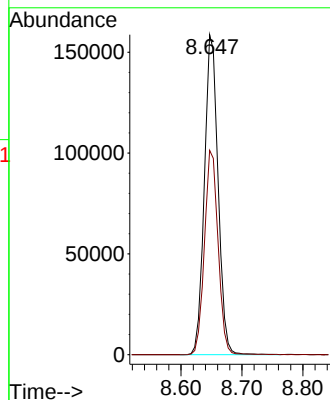
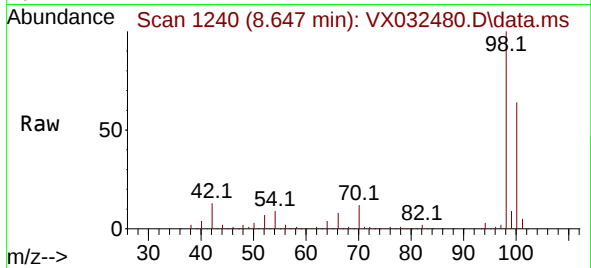




#50
Toluene-d8
Concen: 47.915 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

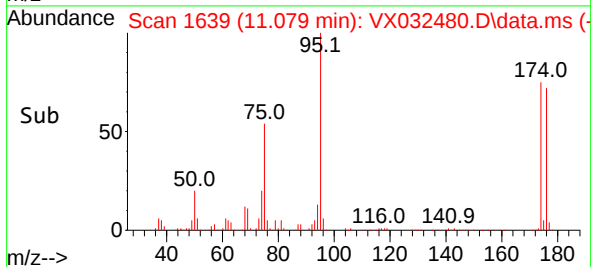
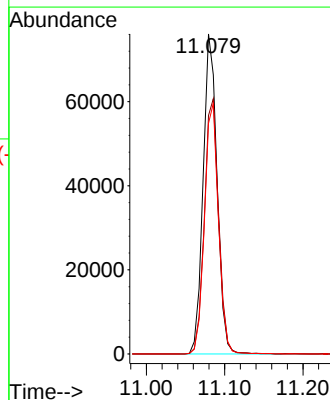
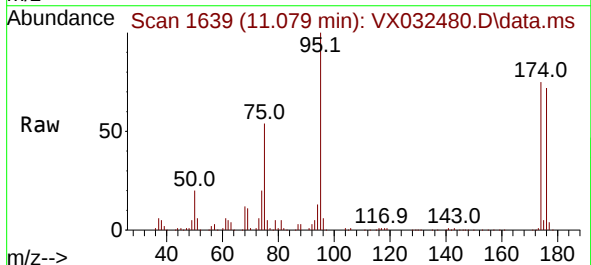
Instrument :
MSVOA_X
ClientSampleId :
265393-7

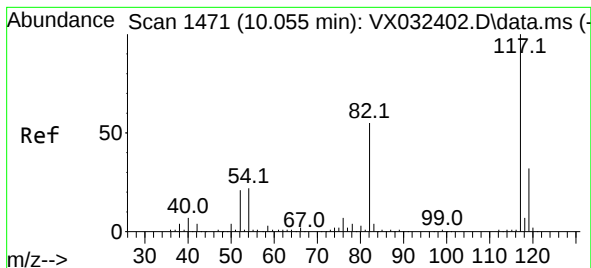
Tgt Ion: 98 Resp: 247636
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.560 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

Tgt Ion: 95 Resp: 93996
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 78.6 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032480.D

Acq: 31 Oct 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

265393-7

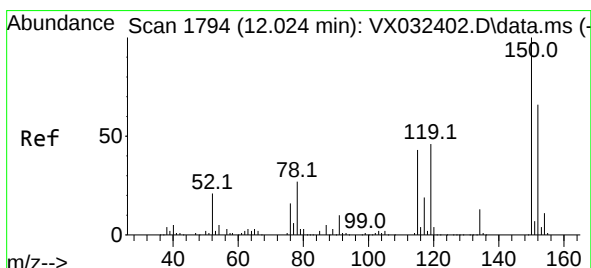
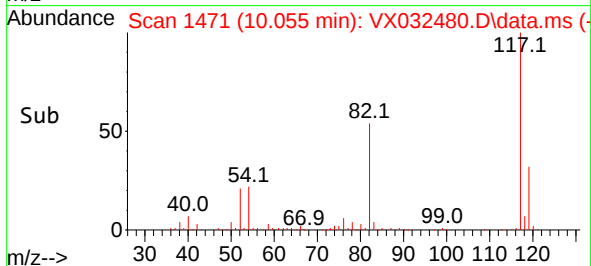
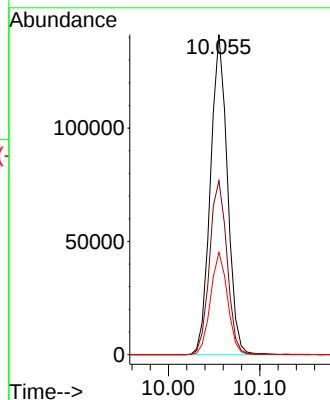
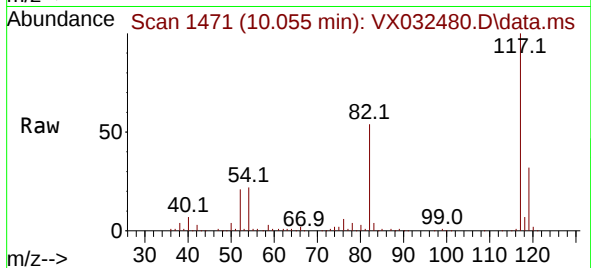
Tgt Ion:117 Resp: 181920

Ion Ratio Lower Upper

117 100

82 54.3 44.3 66.5

119 32.0 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032480.D

Acq: 31 Oct 2022 12:14

Tgt Ion:152 Resp: 83907

Ion Ratio Lower Upper

152 100

115 60.1 44.0 132.0

150 155.9 0.0 351.8

