

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032485.D
 Acq On : 31 Oct 2022 14:10
 Operator : JC/MD
 Sample : N5385-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251563-5

Quant Time: Nov 01 05:09:37 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	5.550	168	124356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201820	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82488	47.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.480%
35) Dibromofluoromethane	5.385	113	66612	46.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	237769	47.499	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.000%
62) 4-Bromofluorobenzene	11.079	95	90998	46.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.080%

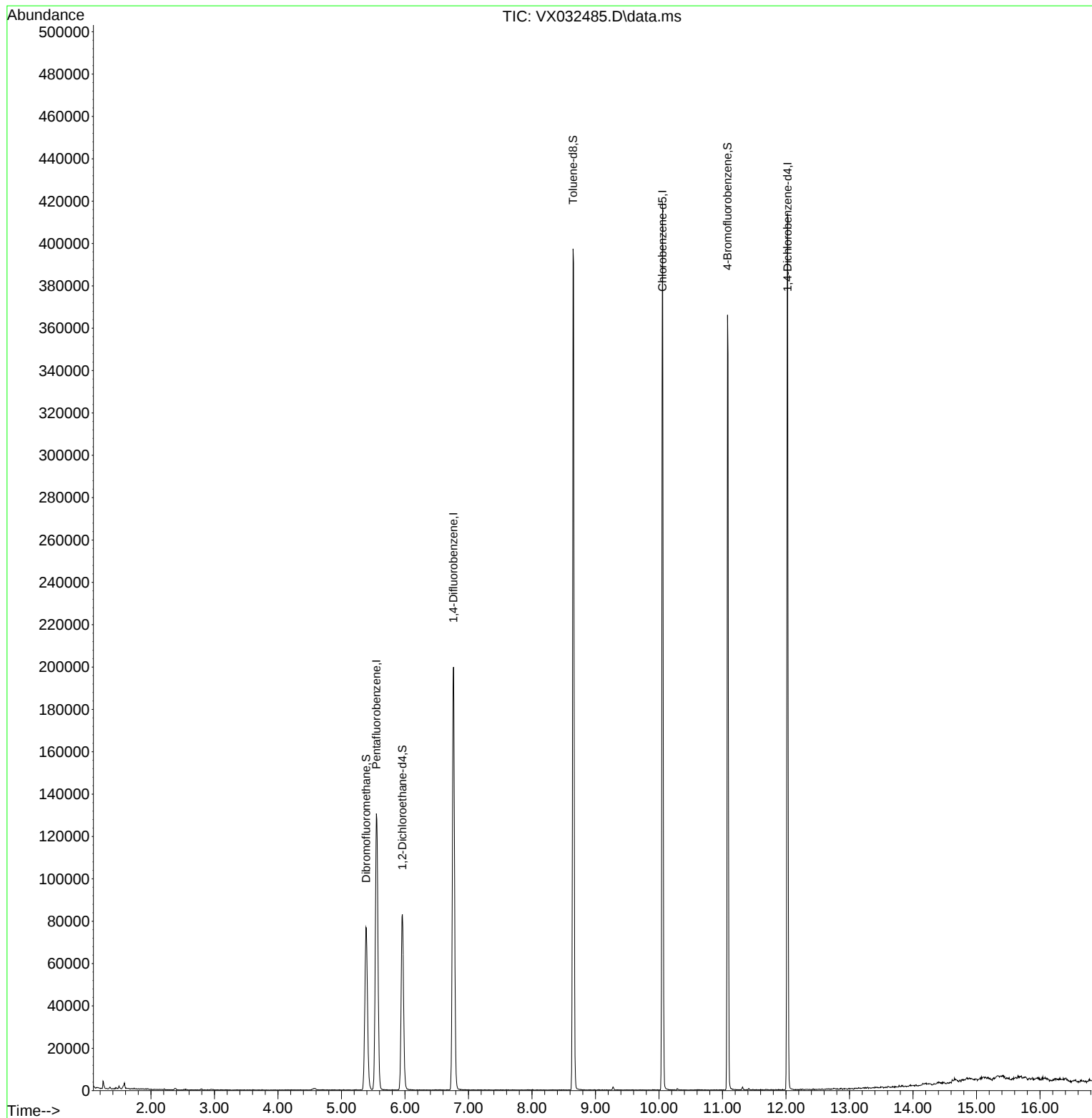
Target Compounds	Qvalue

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

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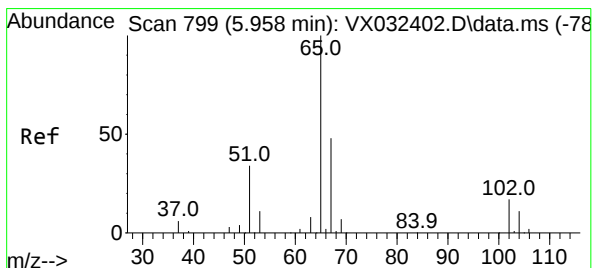
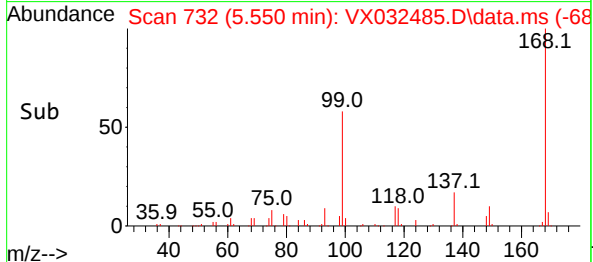
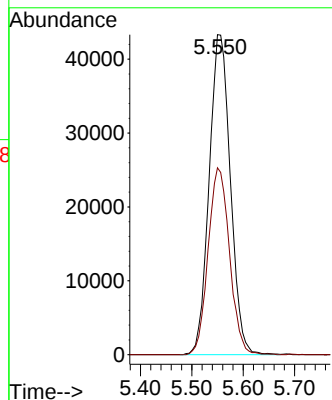
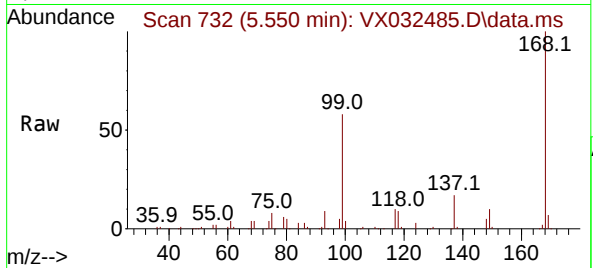




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.006 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

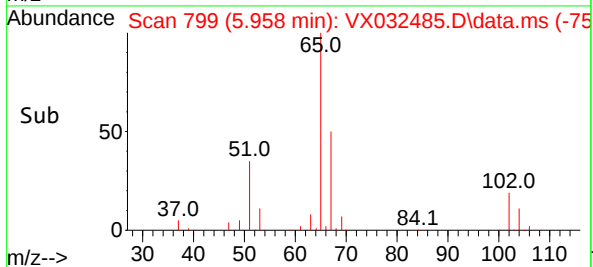
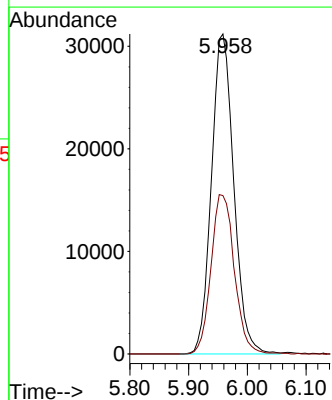
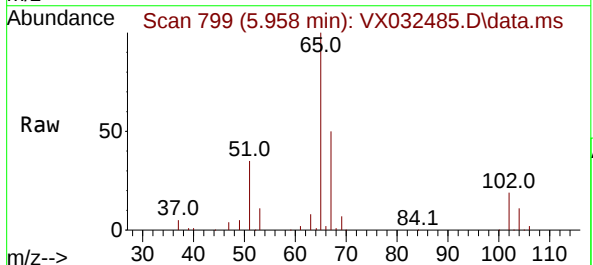
Instrument :
MSVOA_X
ClientSampleId :
251563-5

Tgt Ion:168 Resp: 124356
Ion Ratio Lower Upper
168 100
99 58.4 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 47.739 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

Tgt Ion: 65 Resp: 82488
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8

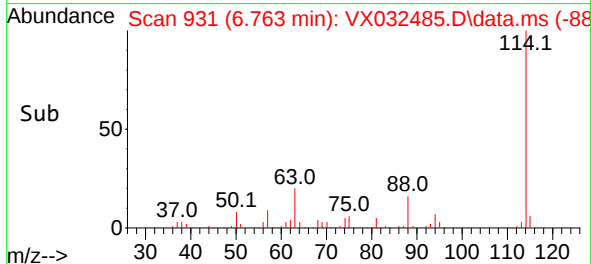
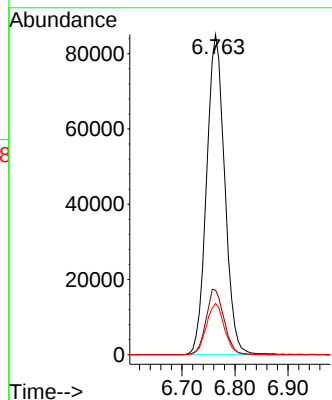
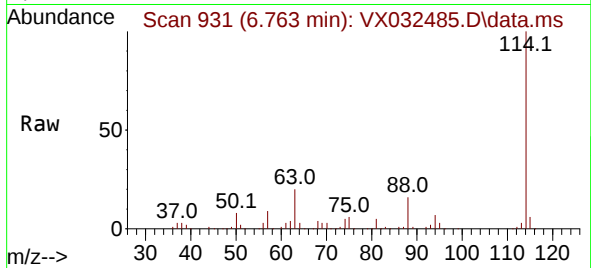




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

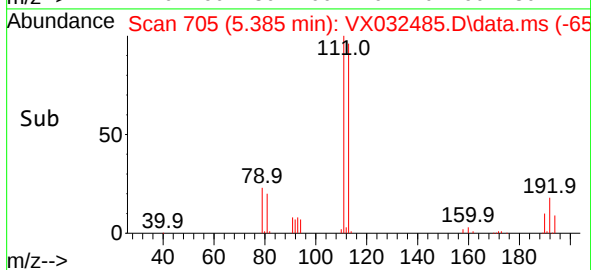
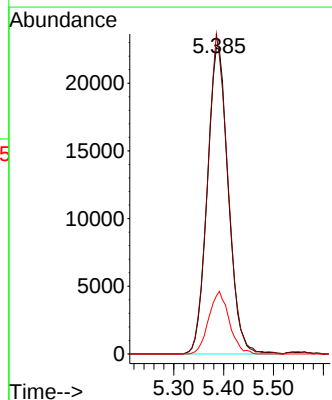
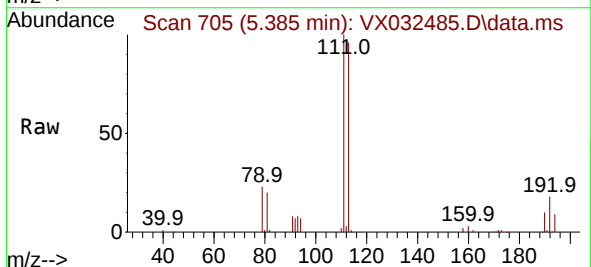
Instrument :
MSVOA_X
ClientSampleId :
251563-5

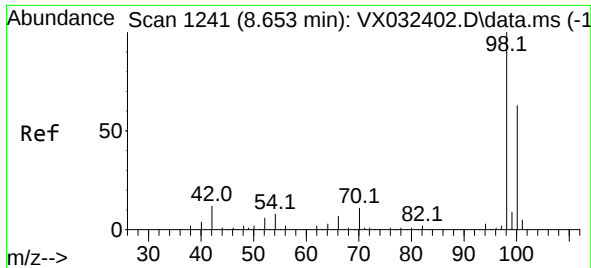
Tgt Ion:114 Resp: 201820
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.271 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

Tgt Ion:113 Resp: 66612
Ion Ratio Lower Upper
113 100
111 100.7 82.4 123.6
192 19.8 15.4 23.2

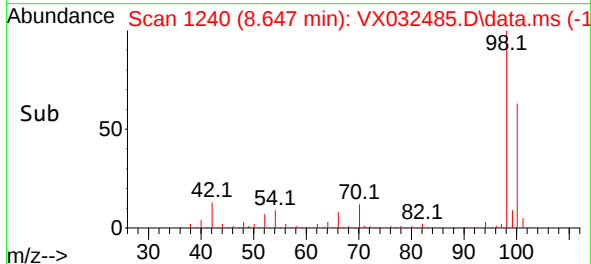
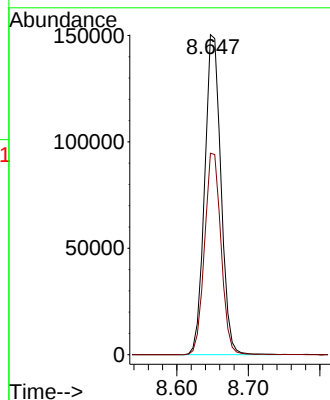
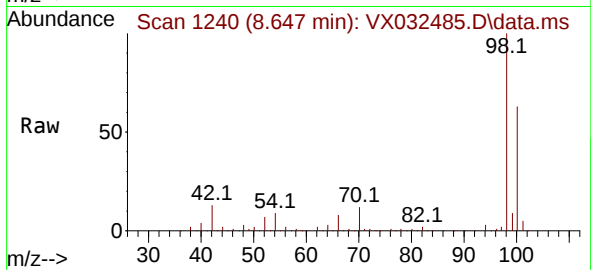




#50
Toluene-d8
Concen: 47.499 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

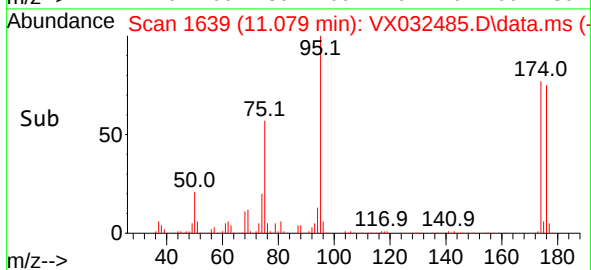
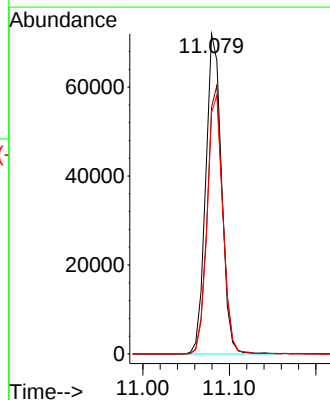
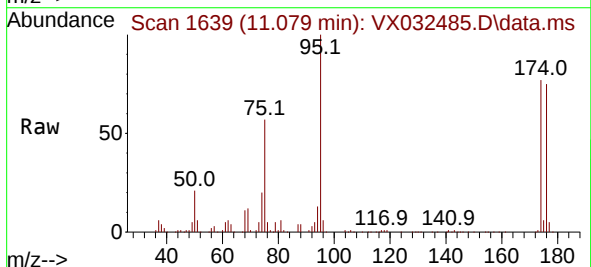
Instrument :
MSVOA_X
ClientSampleId :
251563-5

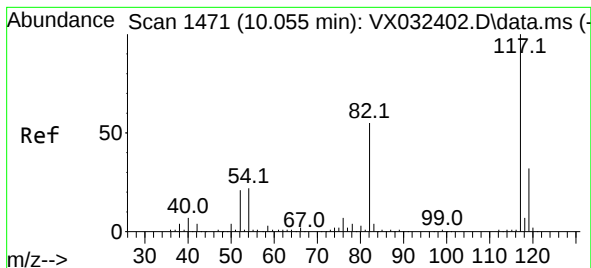
Tgt Ion: 98 Resp: 237769
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

Tgt Ion: 95 Resp: 90998
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.0
176 80.0 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: VX032485.D

Acq: 31 Oct 2022 14:10

Instrument :

MSVOA_X

ClientSampleId :

251563-5

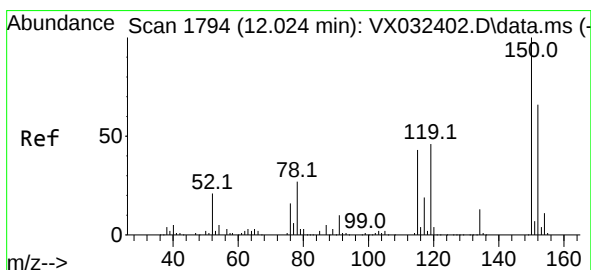
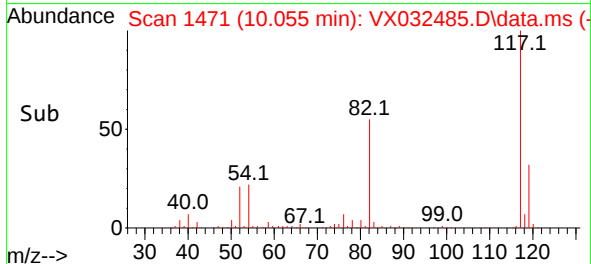
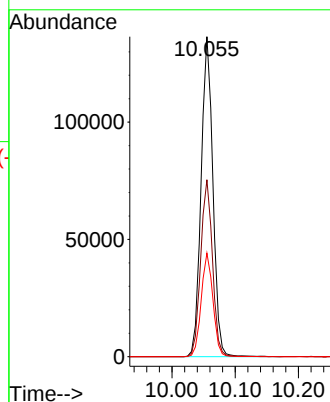
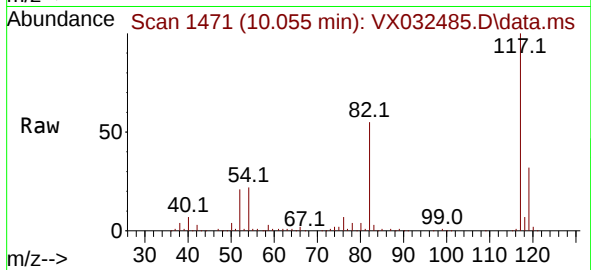
Tgt Ion:117 Resp: 177143

Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

119 32.4 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: VX032485.D

Acq: 31 Oct 2022 14:10

Tgt Ion:152 Resp: 82824

Ion Ratio Lower Upper

152 100

115 59.8 44.0 132.0

150 156.8 0.0 351.8

