

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032579.D
 Acq On : 04 Nov 2022 16:15
 Operator : JC/MD
 Sample : N5476-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RED-006-6

Quant Time: Nov 05 00:38:01 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	111922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74738	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76027	48.888	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.780%
35) Dibromofluoromethane	5.391	113	59577	44.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.880%
50) Toluene-d8	8.653	98	222081	48.173	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.085	95	82708	45.928	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.860%

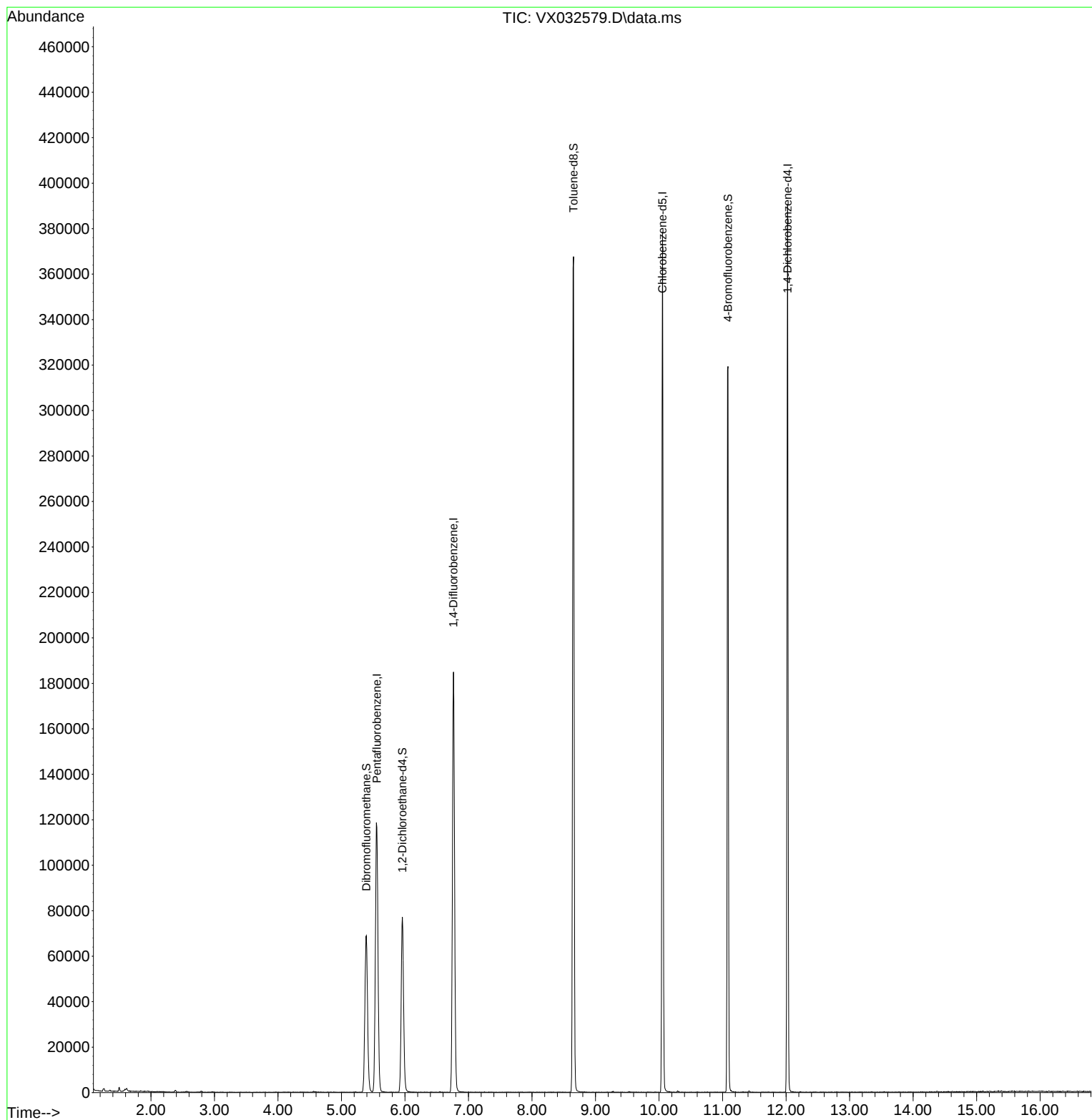
Target Compounds	Qvalue

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

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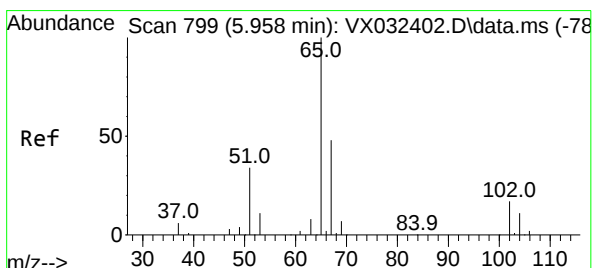
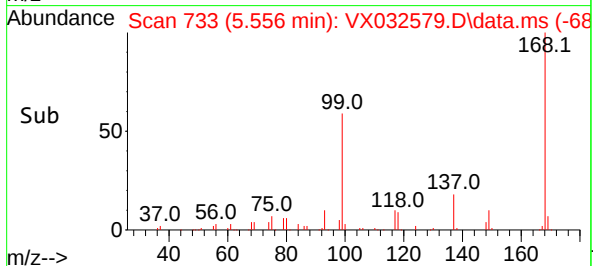
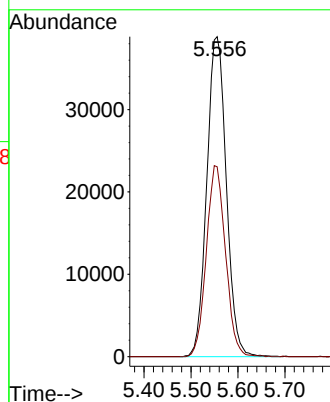
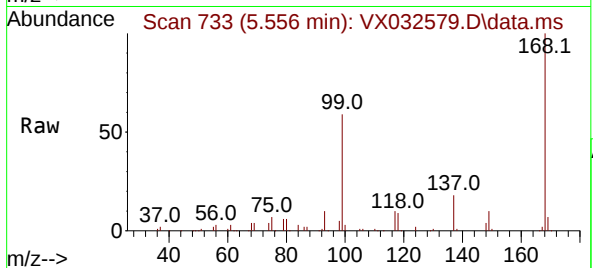




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX032579.D
Acq: 04 Nov 2022 16:15

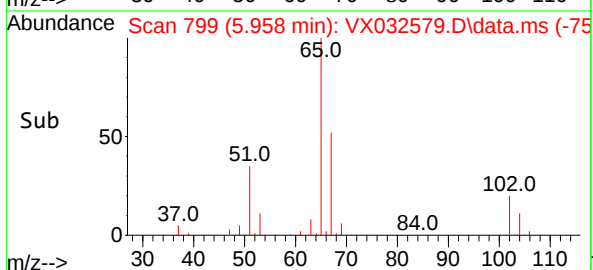
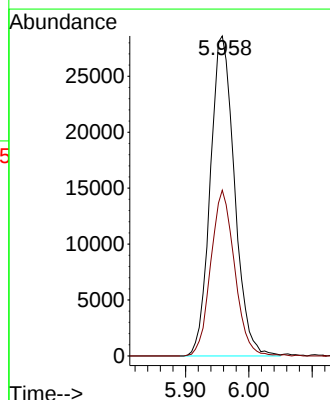
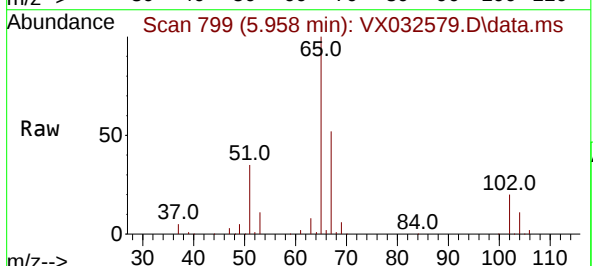
Instrument :
MSVOA_X
ClientSampleId :
RED-006-6

Tgt Ion:168 Resp: 111922
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 48.888 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032579.D
Acq: 04 Nov 2022 16:15

Tgt Ion: 65 Resp: 76027
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

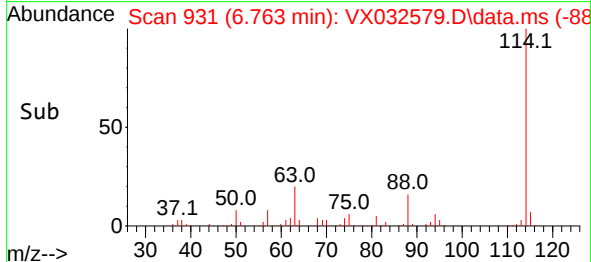
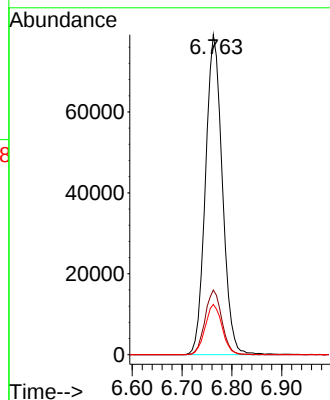
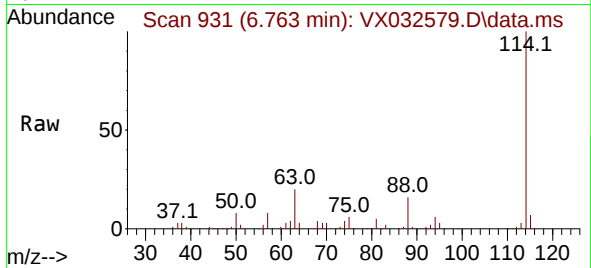




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032579.D
Acq: 04 Nov 2022 16:15

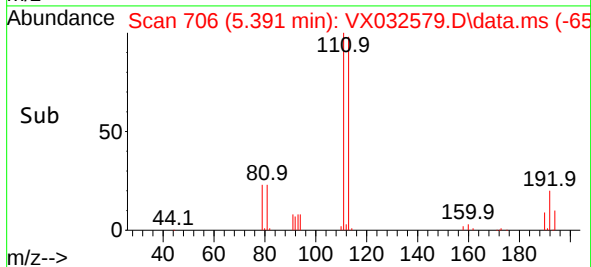
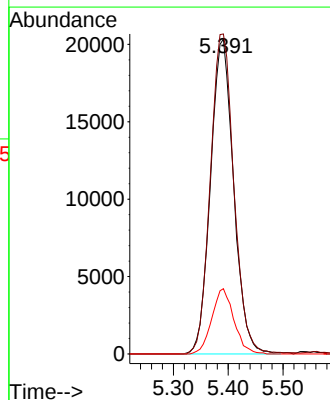
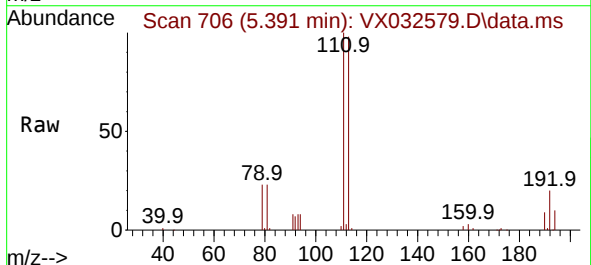
Instrument :
MSVOA_X
ClientSampleId :
RED-006-6

Tgt Ion:114 Resp: 185866
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 44.937 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032579.D
Acq: 04 Nov 2022 16:15

Tgt Ion:113 Resp: 59577
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 19.8 15.4 23.2

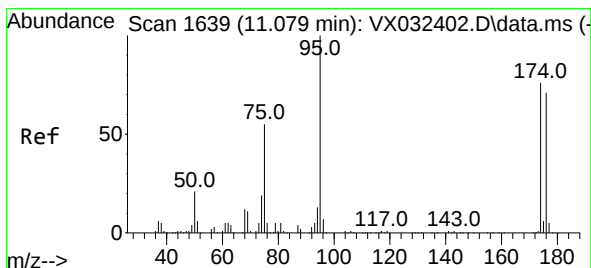
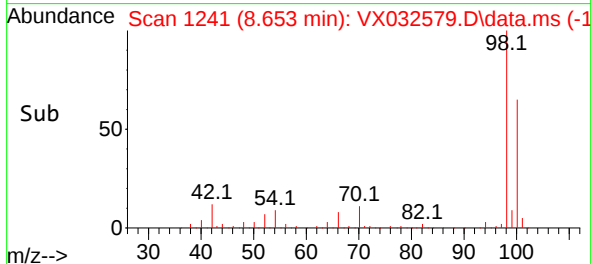
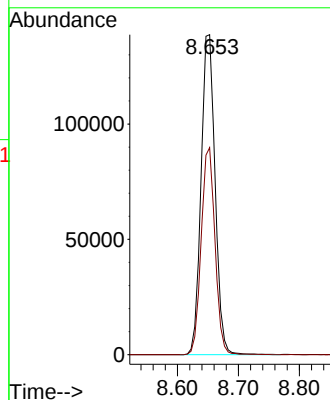
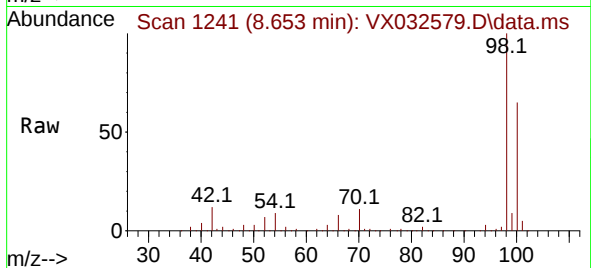




#50
Toluene-d8
Concen: 48.173 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032579.D
Acq: 04 Nov 2022 16:15

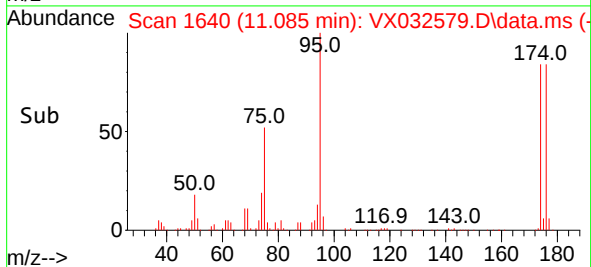
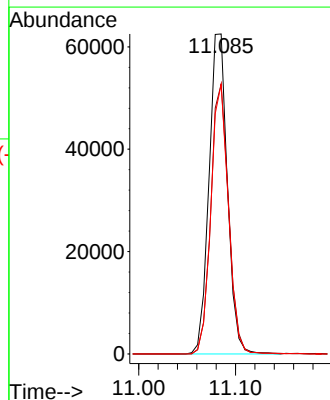
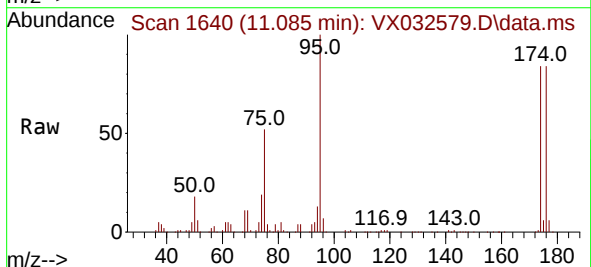
Instrument :
MSVOA_X
ClientSampleId :
RED-006-6

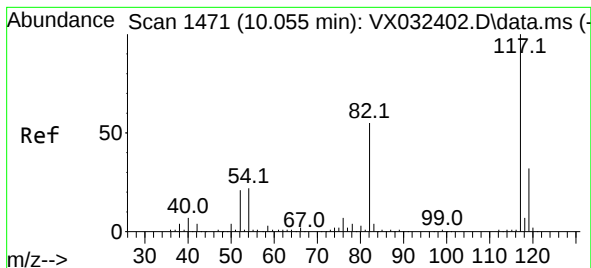
Tgt Ion: 98 Resp: 222081
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.928 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032579.D
Acq: 04 Nov 2022 16:15

Tgt Ion: 95 Resp: 82708
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 80.5 0.0 154.4

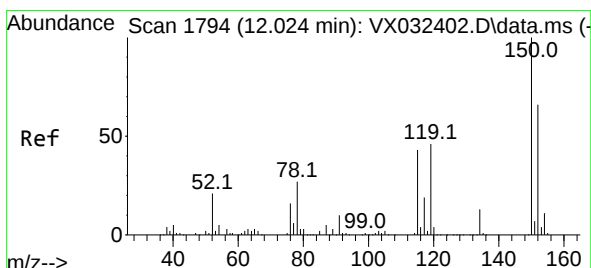
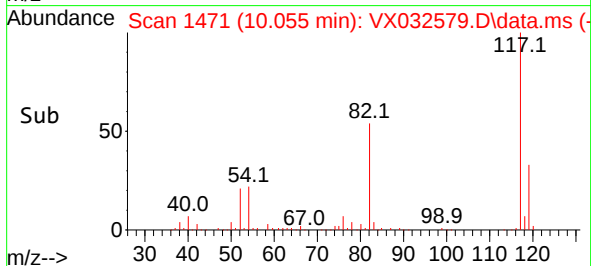
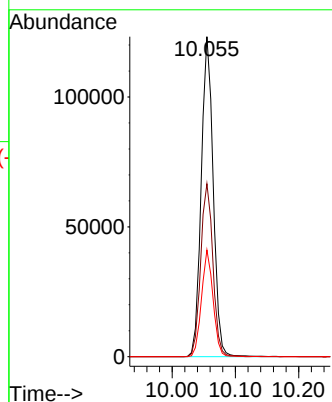
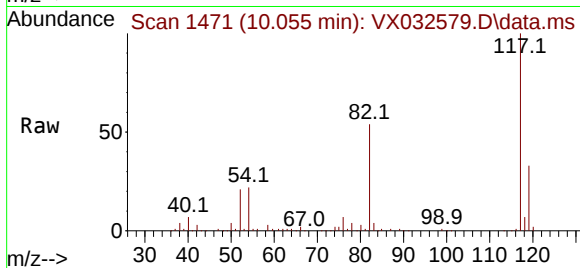




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032579.D
Acq: 04 Nov 2022 16:15

Instrument :
MSVOA_X
ClientSampleId :
RED-006-6

Tgt Ion:117 Resp: 162090
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 33.4 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: VX032579.D
Acq: 04 Nov 2022 16:15

Tgt Ion:152 Resp: 74738
Ion Ratio Lower Upper
152 100
115 59.1 44.0 132.0
150 156.4 0.0 351.8

