

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022183.D
 Acq On : 07 May 2025 10:22
 Operator : SY/MD
 Sample : VY0507SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBL01

Quant Time: May 08 01:40:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	246656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	476473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	408570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	142140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	123163	54.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.120%
35) Dibromofluoromethane	7.634	113	159587	50.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.400%
50) Toluene-d8	10.109	98	575188	48.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.408	95	214411	53.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.340%

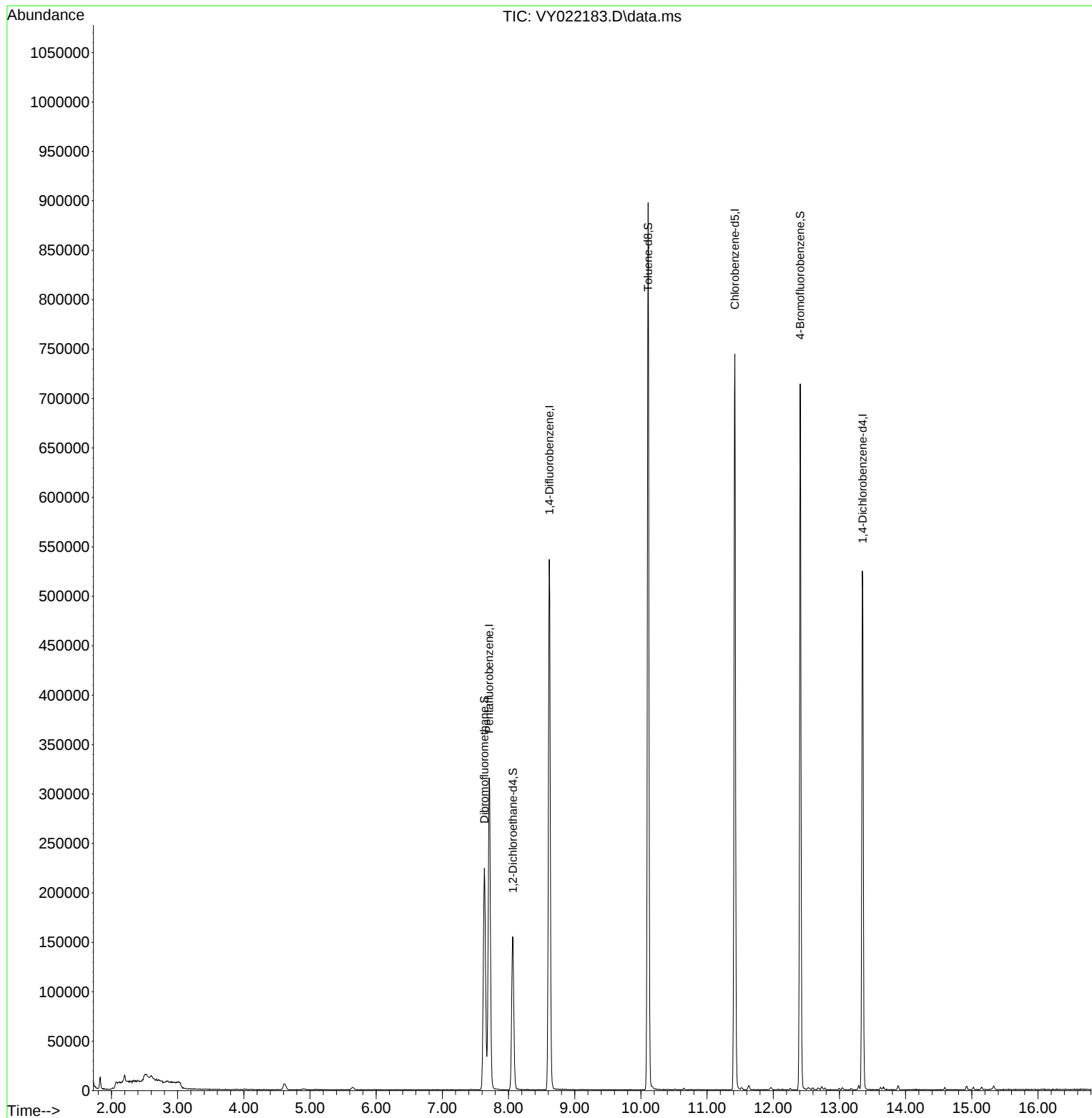
Target Compounds	Qvalue

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

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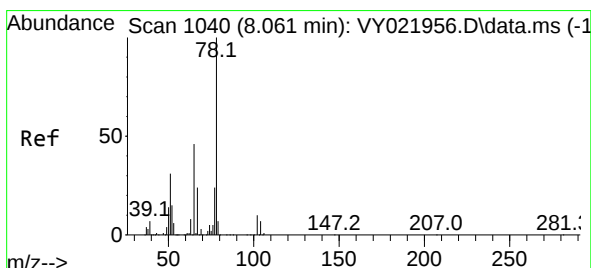
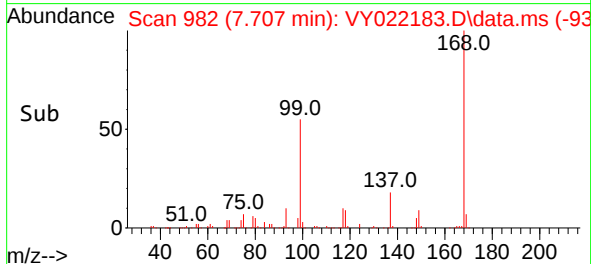
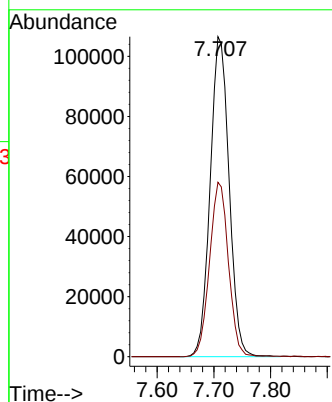
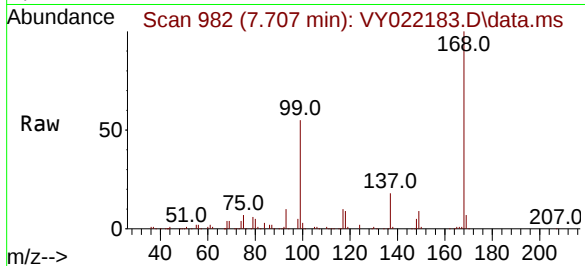




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

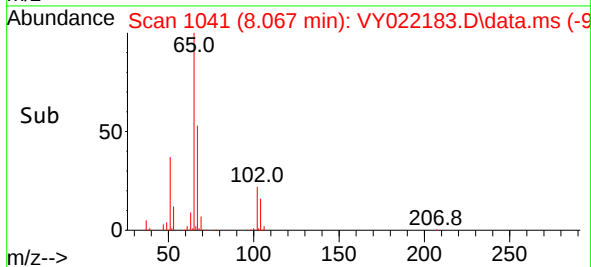
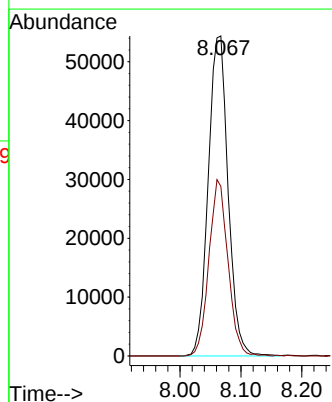
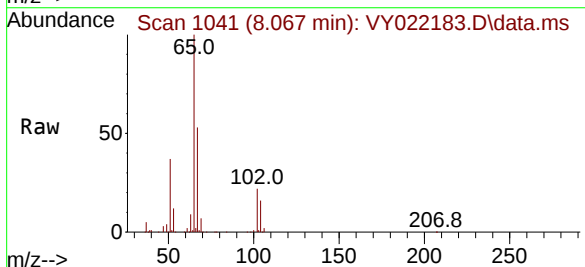
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBL01

Tgt Ion:168 Resp: 246656
Ion Ratio Lower Upper
168 100
99 54.5 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 54.059 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

Tgt Ion: 65 Resp: 123163
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022183.D

Acq: 07 May 2025 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBL01

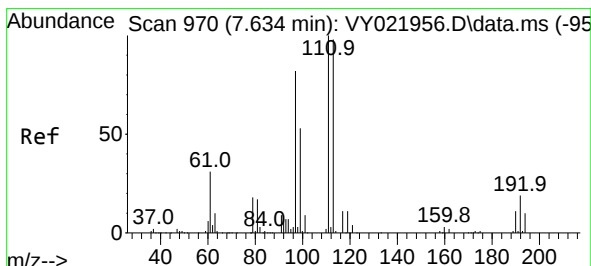
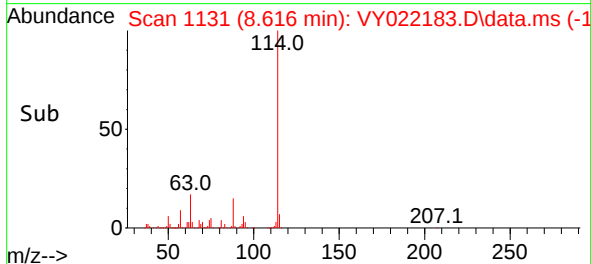
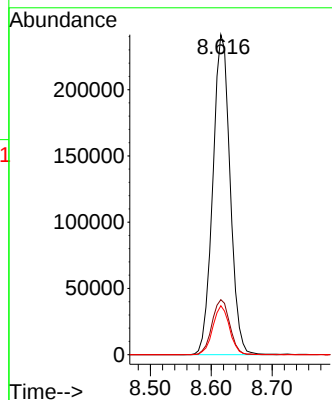
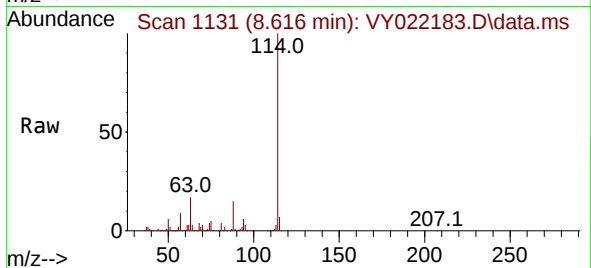
Tgt Ion:114 Resp: 476473

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

88 15.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.697 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022183.D

Acq: 07 May 2025 10:22

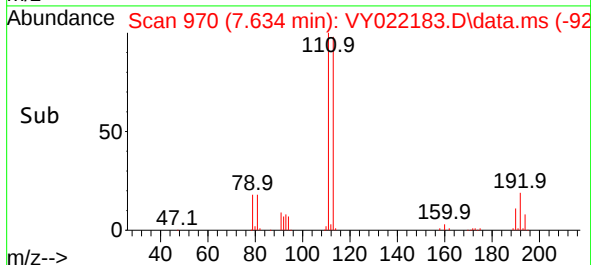
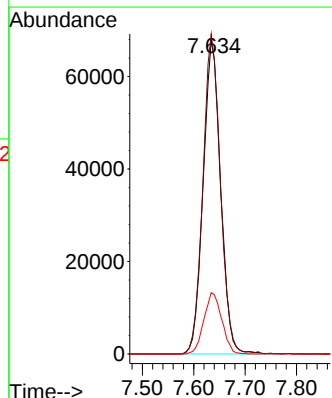
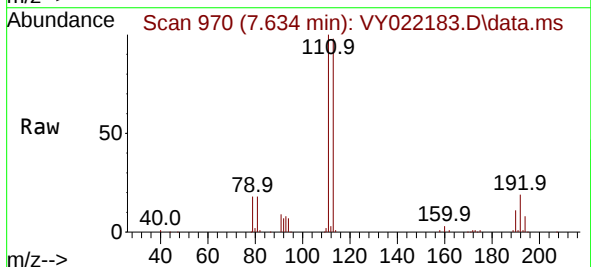
Tgt Ion:113 Resp: 159587

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 20.0 15.6 23.4

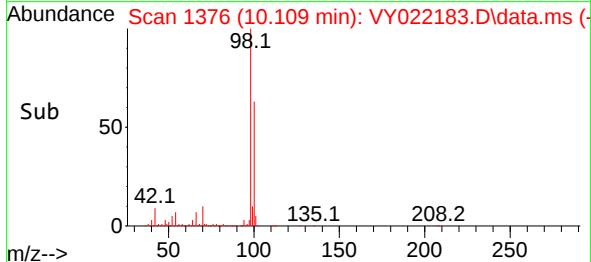
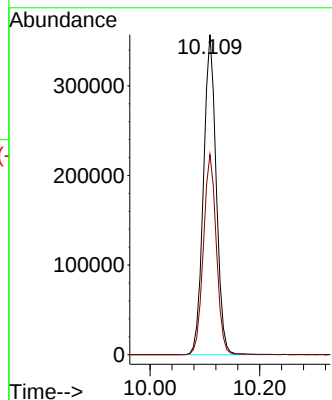
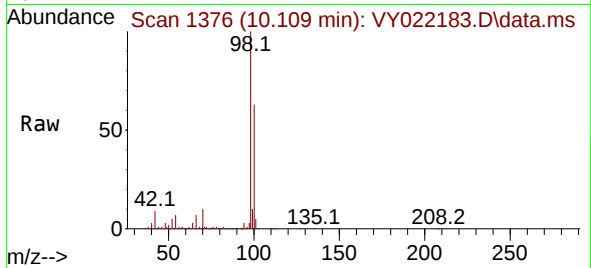




#50
Toluene-d8
Concen: 48.468 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

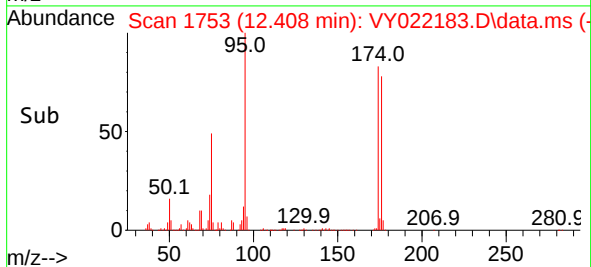
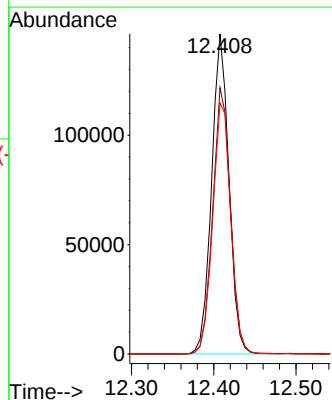
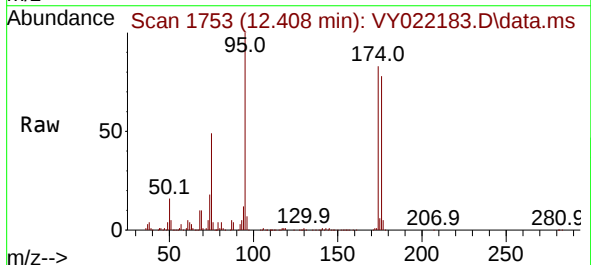
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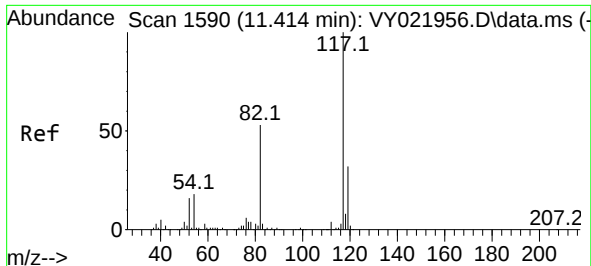
Tgt Ion: 98 Resp: 575188
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 53.670 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

Tgt Ion: 95 Resp: 214411
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 82.0 0.0 171.8

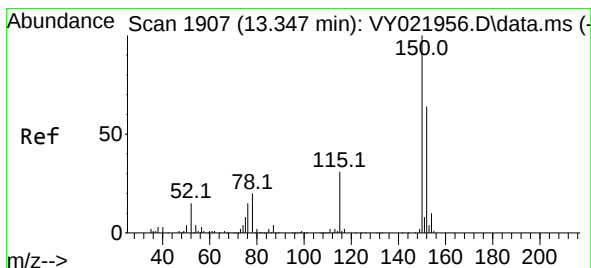
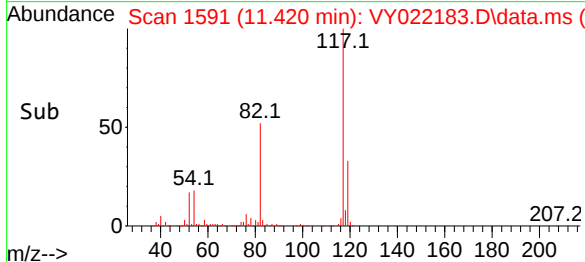
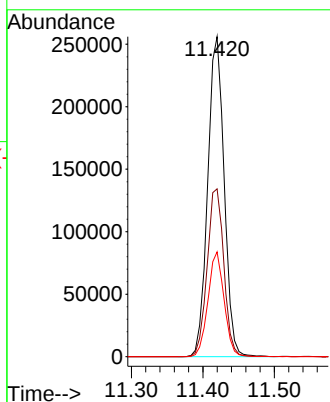
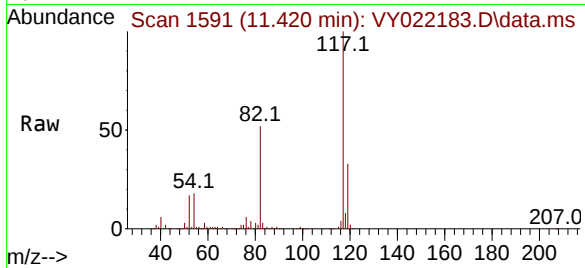




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBL01

Tgt Ion:117 Resp: 408570
Ion Ratio Lower Upper
117 100
82 52.5 42.1 63.1
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022183.D
Acq: 07 May 2025 10:22

Tgt Ion:152 Resp: 142140
Ion Ratio Lower Upper
152 100
115 57.0 28.0 84.0
150 157.5 0.0 345.6

