

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022615.D
 Acq On : 09 Jun 2025 08:58
 Operator : SY/MD
 Sample : VY0609SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBL01

Quant Time: Jun 10 01:23:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.712	168	325112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.620	114	599984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.419	117	480184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.351	152	173635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.065	65	189348	52.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.140%
35) Dibromofluoromethane	7.639	113	184039	51.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.780%
50) Toluene-d8	10.108	98	715616	49.454	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.900%
62) 4-Bromofluorobenzene	12.406	95	183527	42.568	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.140%

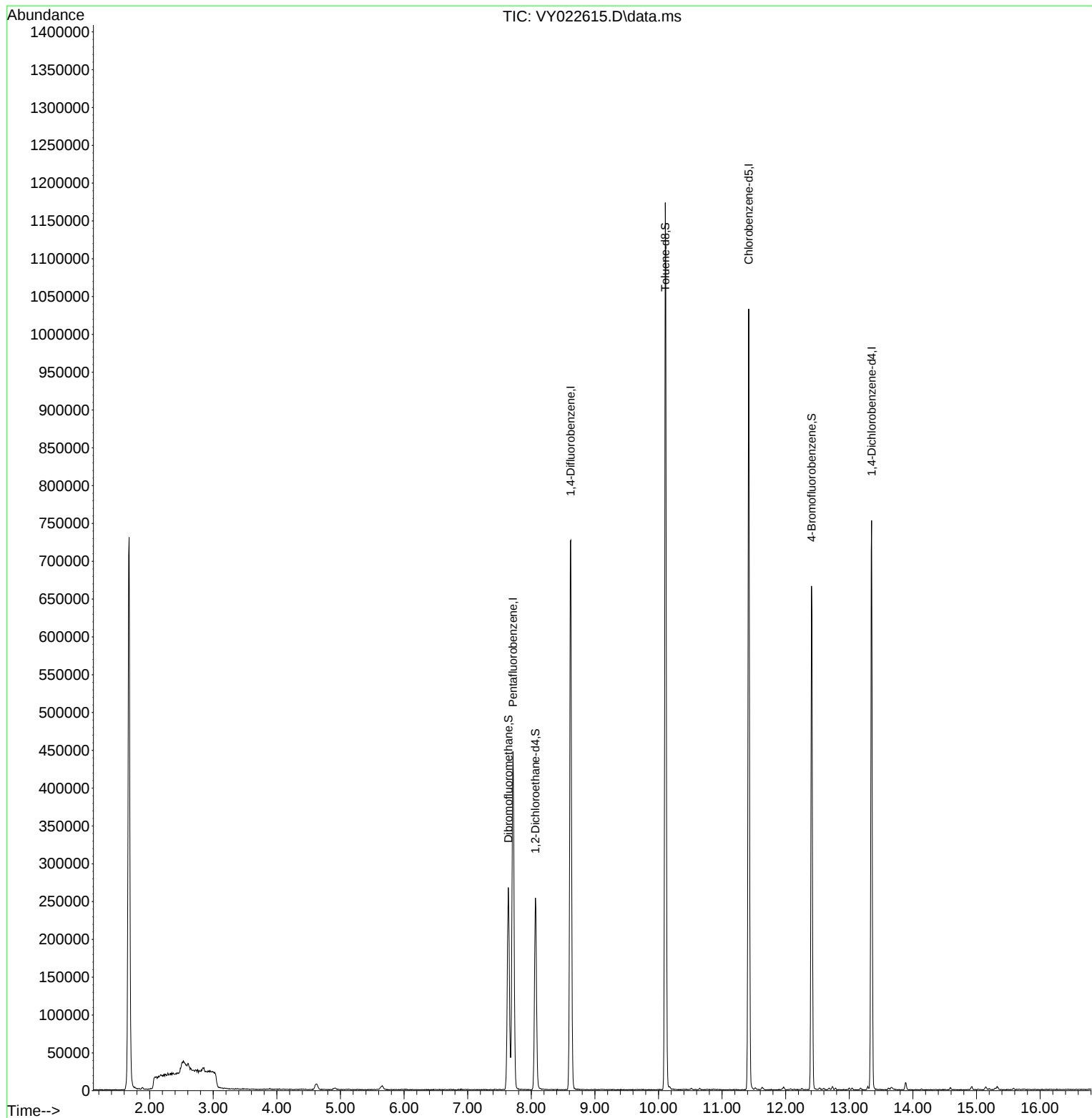
Target Compounds	Qvalue

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

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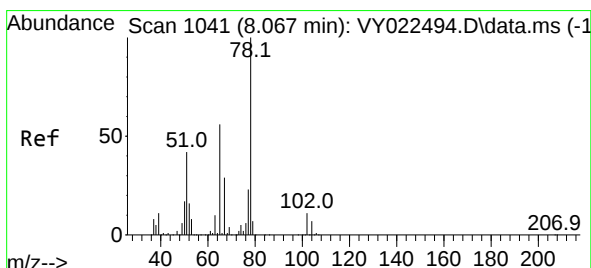
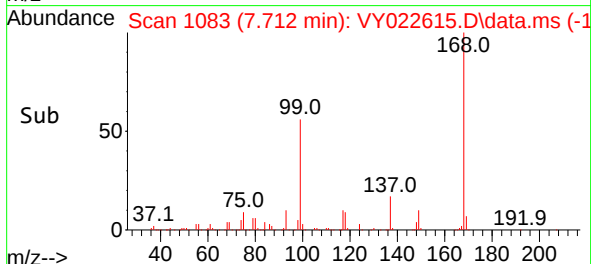
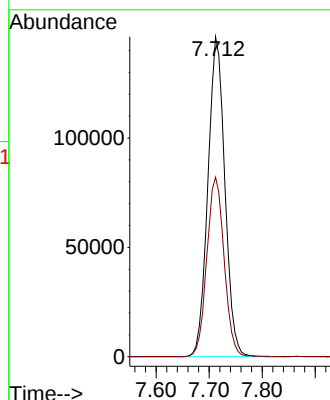
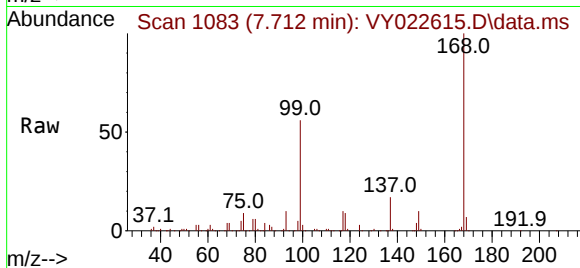




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.712 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

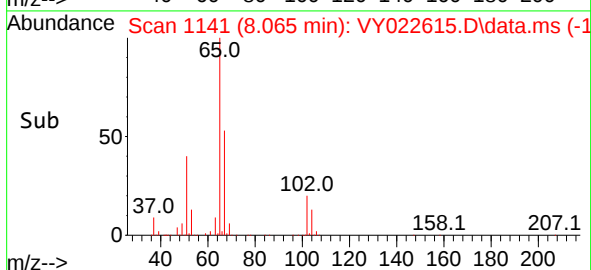
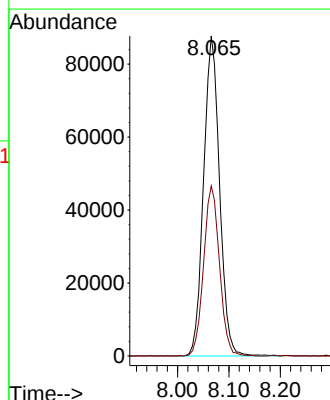
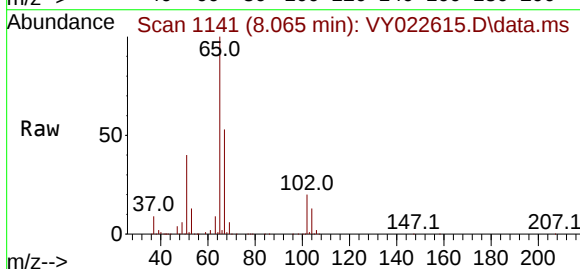
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

Tgt Ion:168 Resp: 325112
Ion Ratio Lower Upper
168 100
99 56.1 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 52.073 ug/l
RT: 8.065 min Scan# 1141
Delta R.T. -0.002 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

Tgt Ion: 65 Resp: 189348
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4

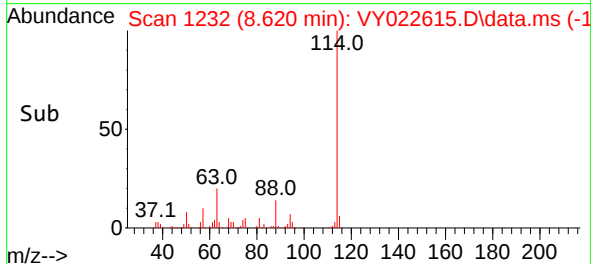
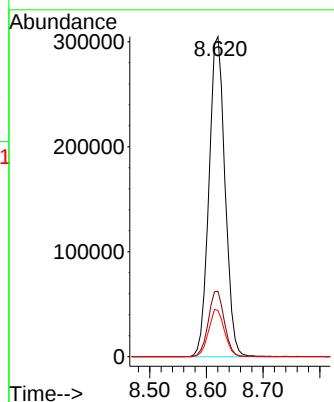
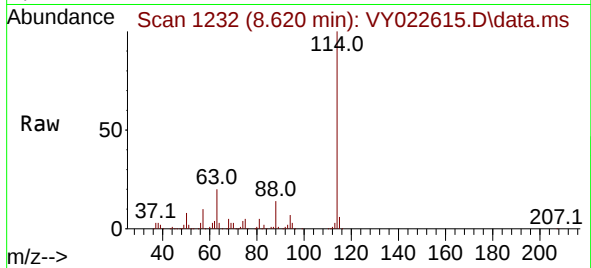




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.620 min Scan# 1131
 Delta R.T. 0.005 min
 Lab File: VY022615.D
 Acq: 09 Jun 2025 08:58

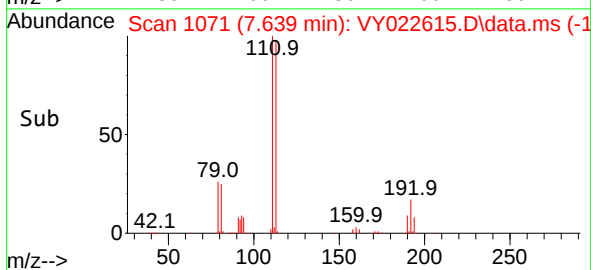
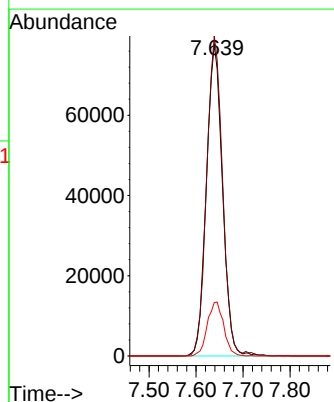
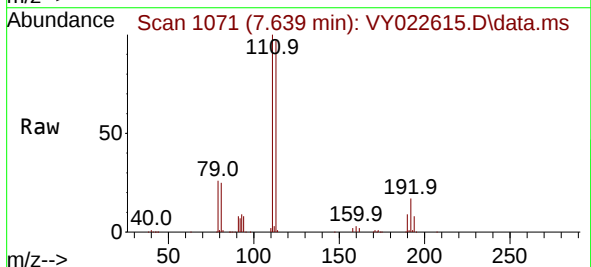
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBL01

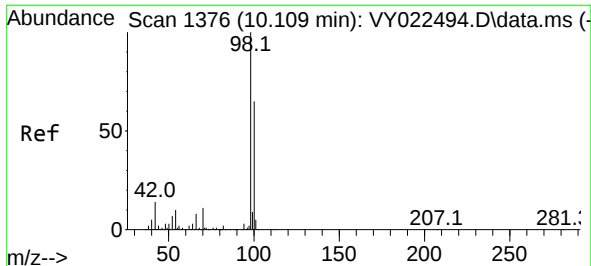
Tgt Ion:114 Resp: 599984
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 14.4 0.0 27.8



#35
 Dibromofluoromethane
 Concen: 51.391 ug/l
 RT: 7.639 min Scan# 1071
 Delta R.T. -0.002 min
 Lab File: VY022615.D
 Acq: 09 Jun 2025 08:58

Tgt Ion:113 Resp: 184039
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.1 121.7
 192 17.6 14.2 21.2

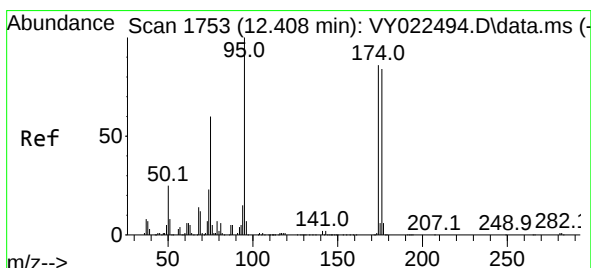
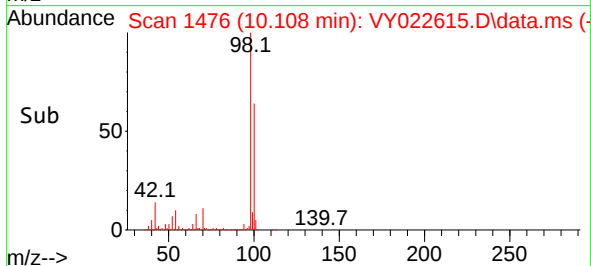
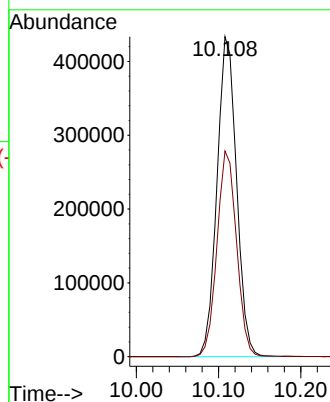
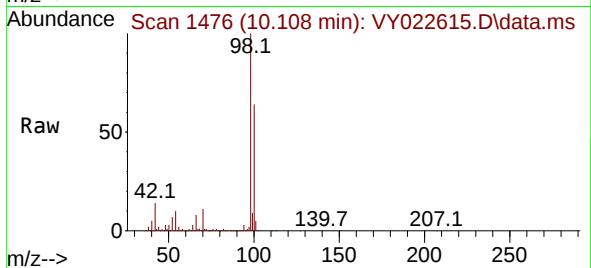




#50
Toluene-d8
Concen: 49.454 ug/l
RT: 10.108 min Scan# 14
Delta R.T. -0.002 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

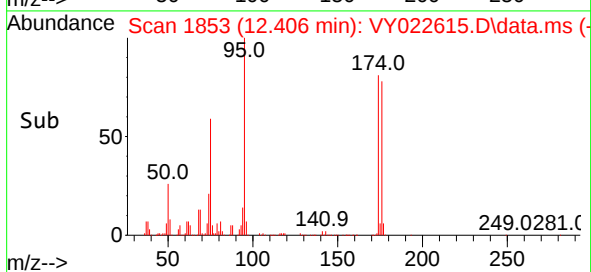
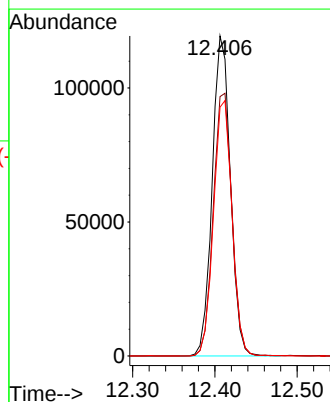
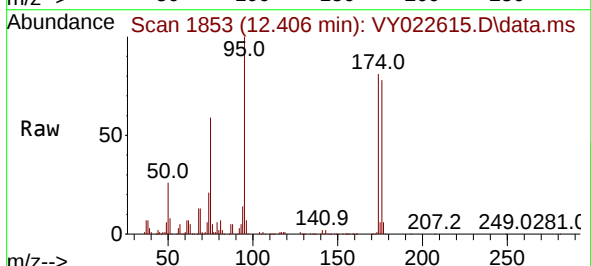
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

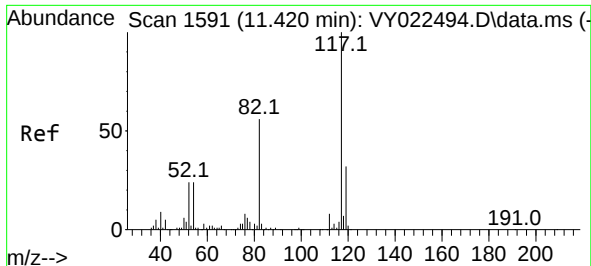
Tgt Ion: 98 Resp: 715616
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.568 ug/l
RT: 12.406 min Scan# 1853
Delta R.T. -0.002 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

Tgt Ion: 95 Resp: 183527
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.0
176 81.5 0.0 166.2

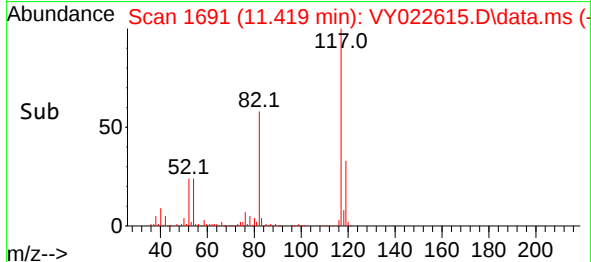
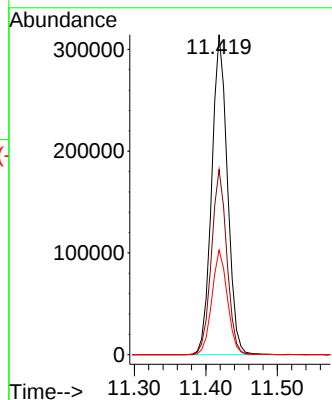
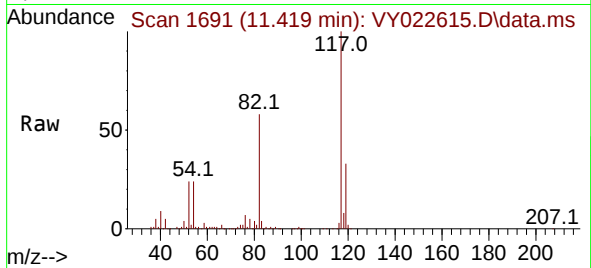




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.419 min Scan# 1
Delta R.T. -0.002 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

Tgt Ion:117 Resp: 480184
Ion Ratio Lower Upper
117 100
82 57.9 44.6 66.8
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.351 min Scan# 2008
Delta R.T. 0.005 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

Tgt Ion:152 Resp: 173635
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 156.9 0.0 349.6

