

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022667.D
 Acq On : 12 Jun 2025 12:17
 Operator : SY/MD
 Sample : VY0612SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBL01

Quant Time: Jun 13 05:38:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	131333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	237799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	194028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	71067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	71974	48.999	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.634	113	73646	51.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.780%
50) Toluene-d8	10.103	98	282029	49.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.401	95	70893	41.487	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.980%

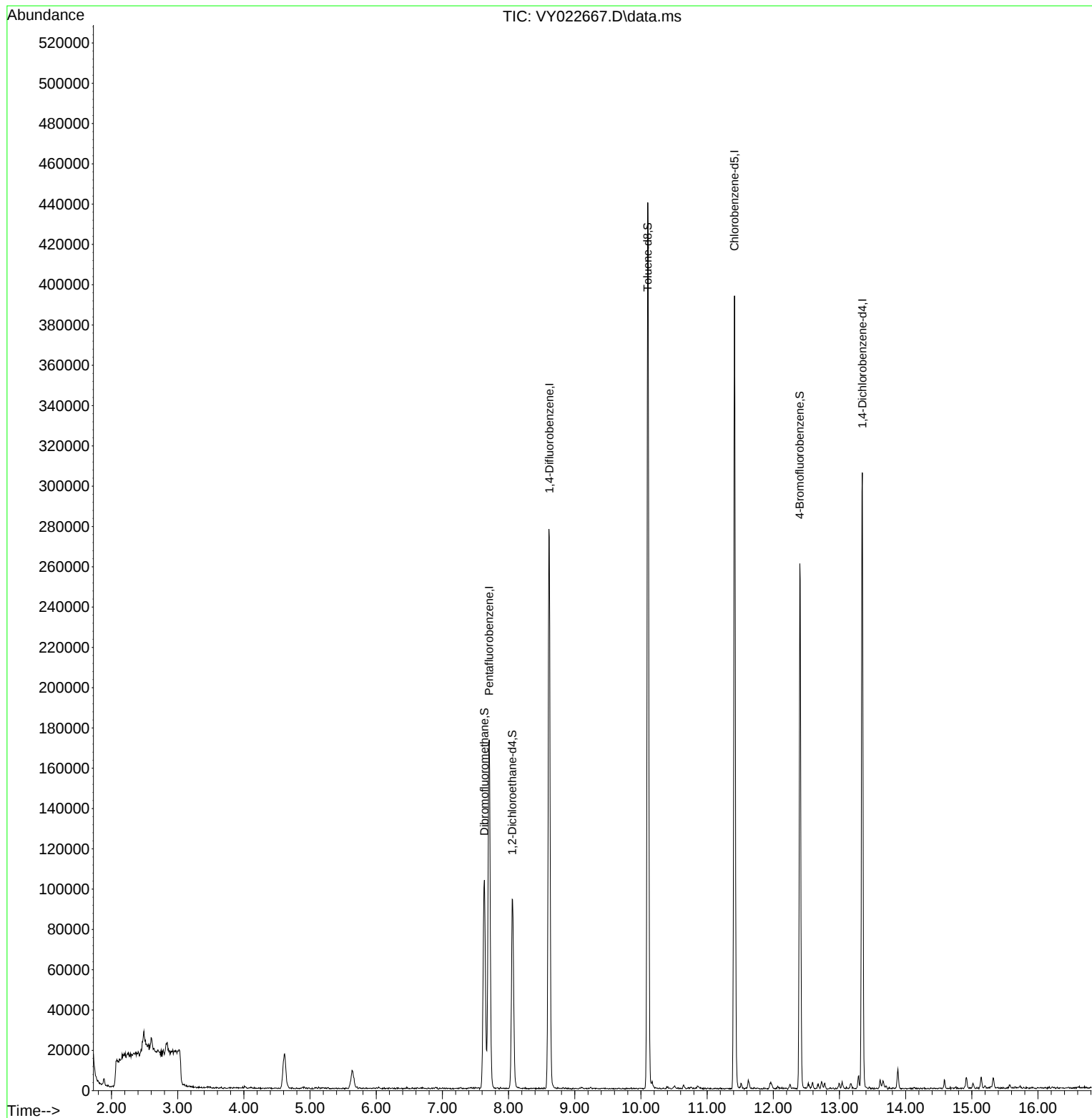
Target Compounds	Qvalue

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

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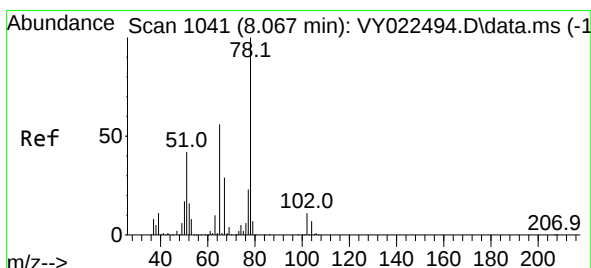
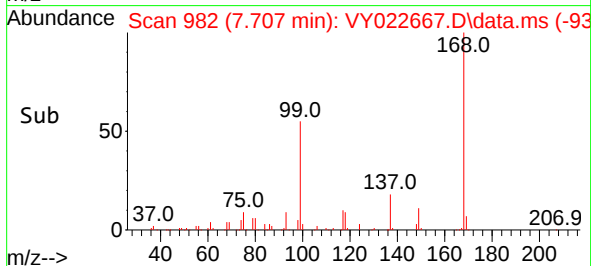
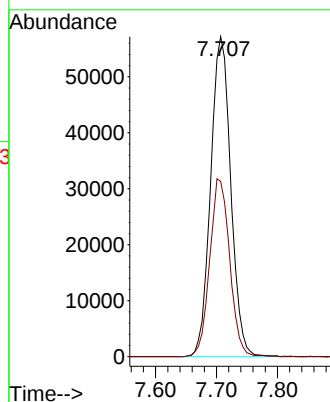
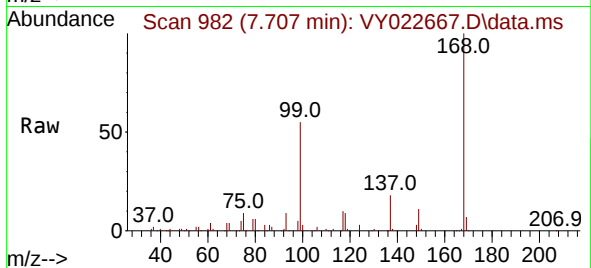




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022667.D
Acq: 12 Jun 2025 12:17

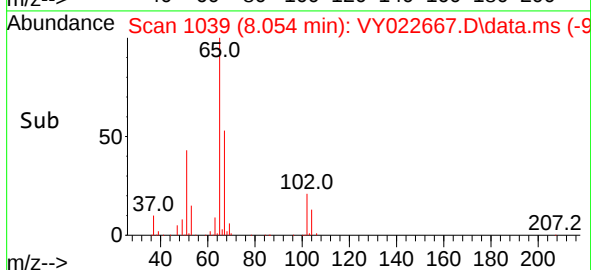
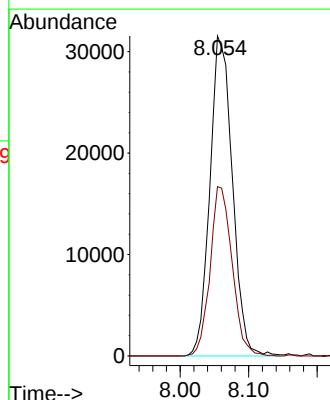
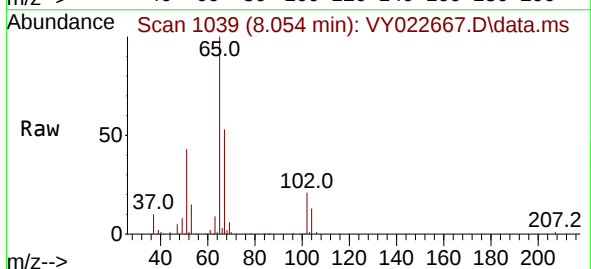
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

Tgt Ion:168 Resp: 131333
Ion Ratio Lower Upper
168 100
99 54.8 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 48.999 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. -0.013 min
Lab File: VY022667.D
Acq: 12 Jun 2025 12:17

Tgt Ion: 65 Resp: 71974
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4

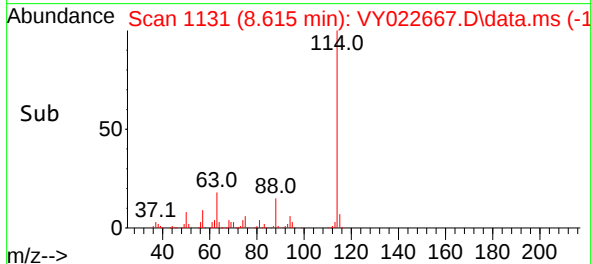
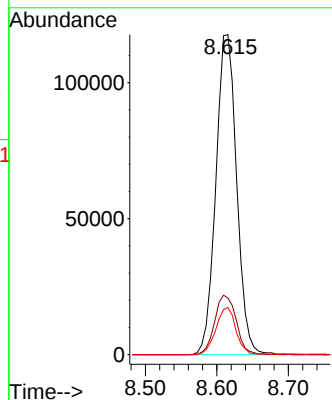
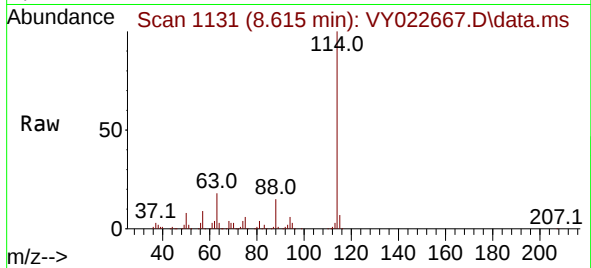




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022667.D
Acq: 12 Jun 2025 12:17

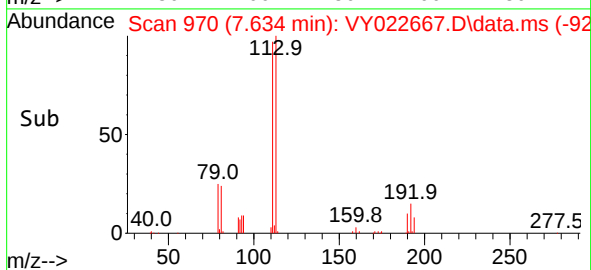
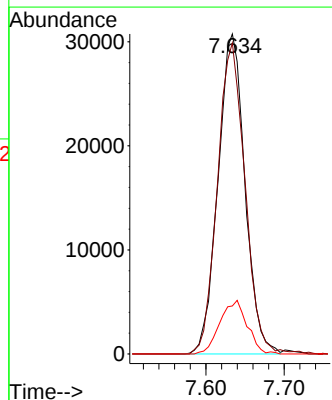
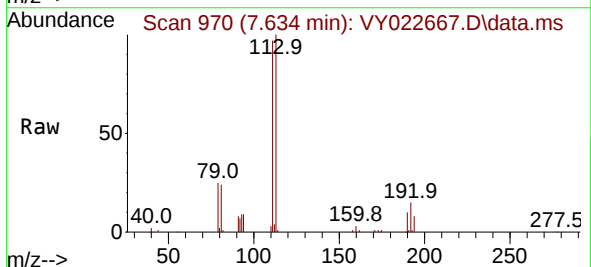
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

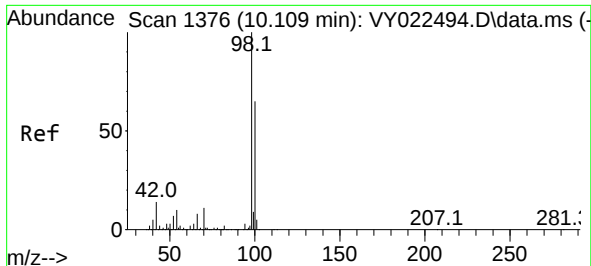
Tgt Ion:114 Resp: 237799
Ion Ratio Lower Upper
114 100
63 17.8 0.0 40.8
88 14.7 0.0 27.8



#35
Dibromofluoromethane
Concen: 51.886 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022667.D
Acq: 12 Jun 2025 12:17

Tgt Ion:113 Resp: 73646
Ion Ratio Lower Upper
113 100
111 99.1 81.1 121.7
192 16.9 14.2 21.2

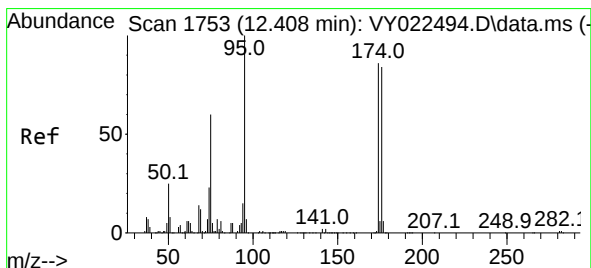
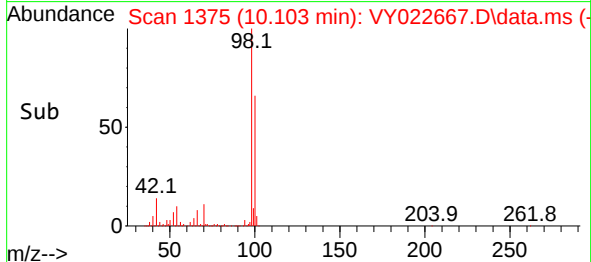
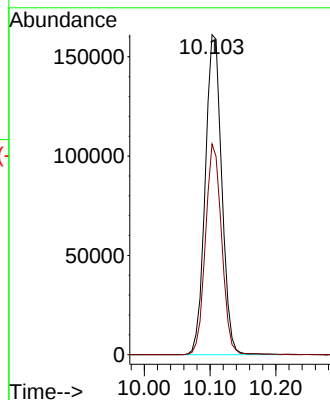
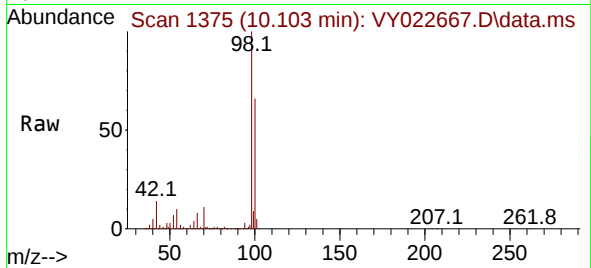




#50
Toluene-d8
Concen: 49.175 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022667.D
Acq: 12 Jun 2025 12:17

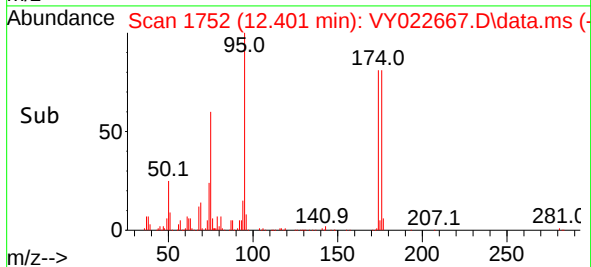
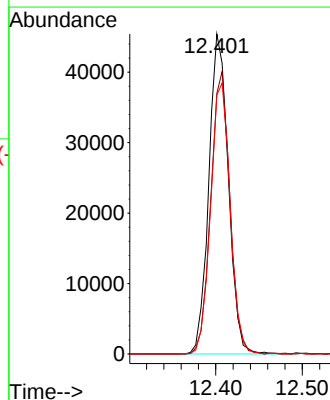
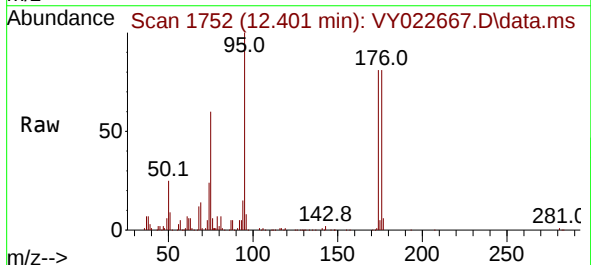
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

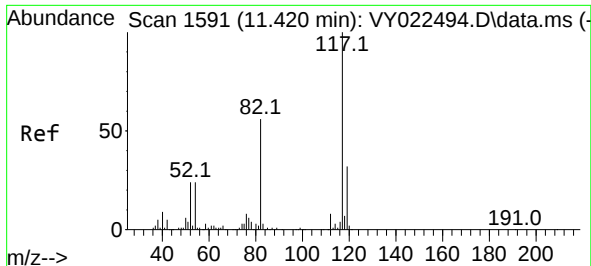
Tgt Ion: 98 Resp: 282029
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.487 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022667.D
Acq: 12 Jun 2025 12:17

Tgt Ion: 95 Resp: 70893
Ion Ratio Lower Upper
95 100
174 86.7 0.0 170.0
176 84.9 0.0 166.2

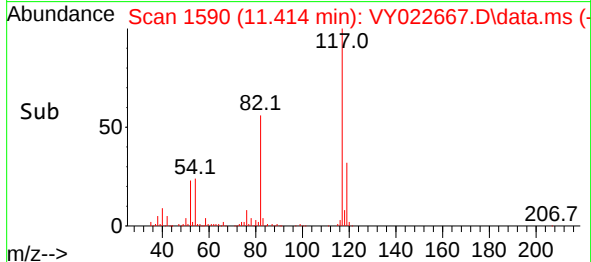
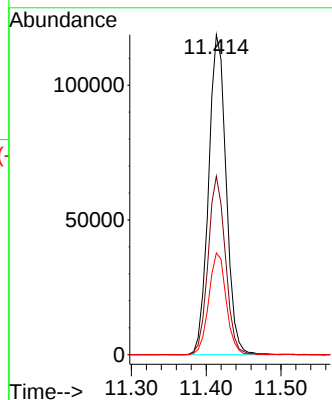
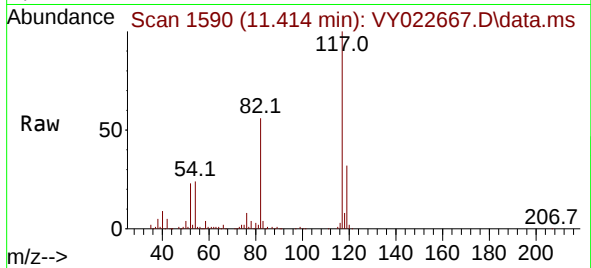




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY022667.D
Acq: 12 Jun 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

Tgt Ion:117 Resp: 194028
Ion Ratio Lower Upper
117 100
82 55.8 44.6 66.8
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022667.D
Acq: 12 Jun 2025 12:17

Tgt Ion:152 Resp: 71067
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 157.2 0.0 349.6

