

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022565.D
 Acq On : 05 Jun 2025 11:35
 Operator : SY/MD
 Sample : Q2199-06
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11978

Quant Time: Jun 06 01:22:24 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	7.701	168	50802	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	76765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	50072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	14250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	21568	37.959	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.920%
35) Dibromofluoromethane	7.628	113	22388	48.861	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.103	98	85922	46.409	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.820%
62) 4-Bromofluorobenzene	12.401	95	16580	30.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.120%

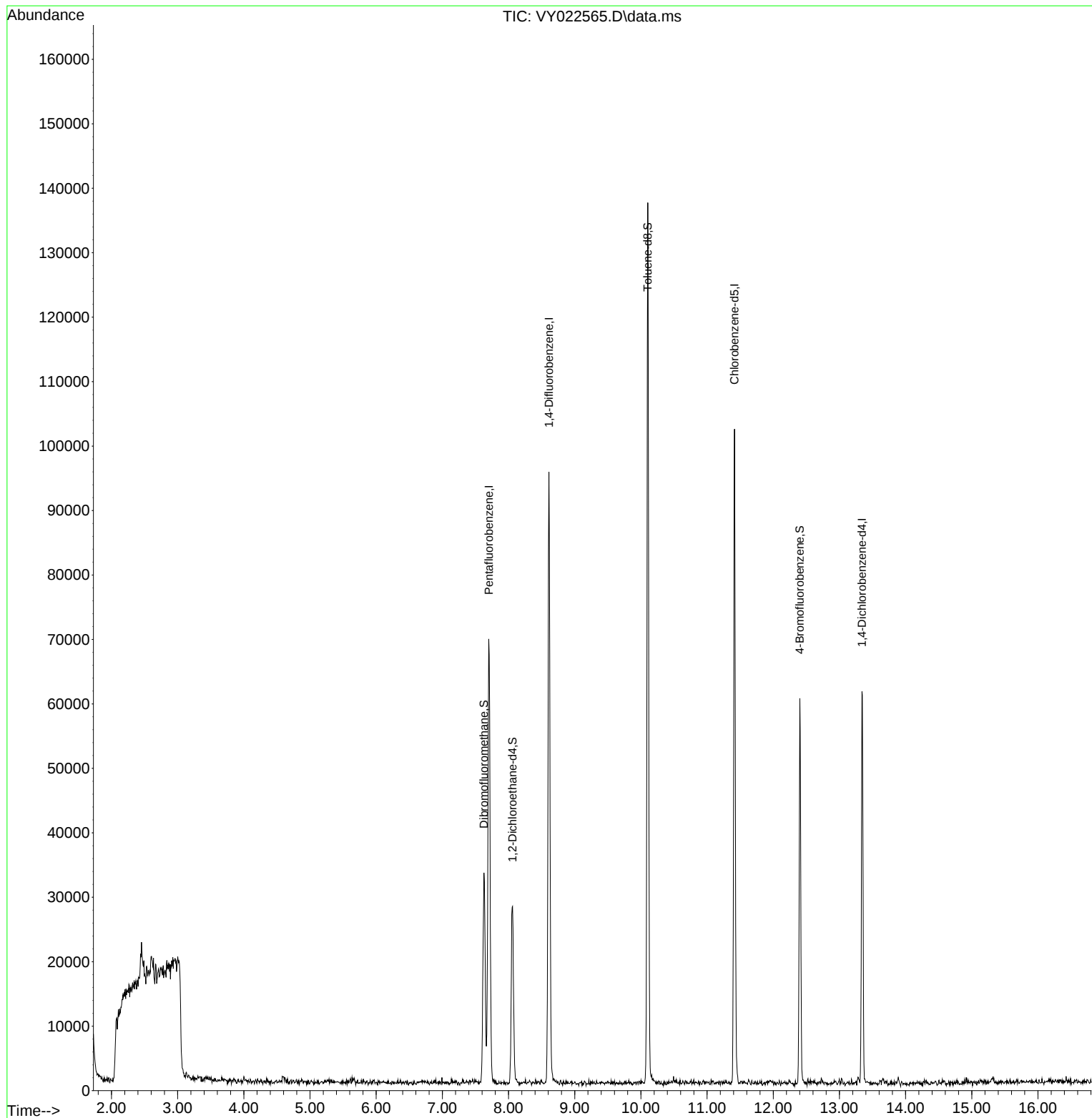
Target Compounds	Qvalue

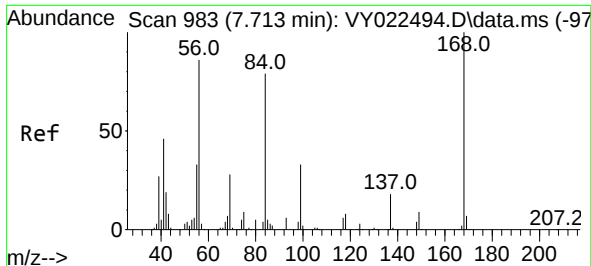
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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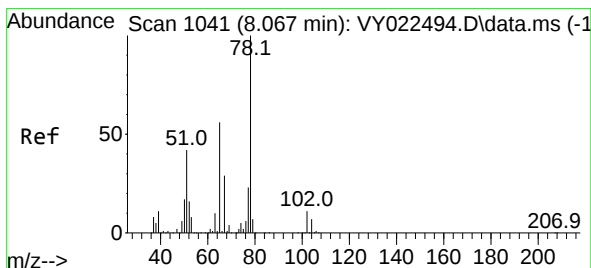
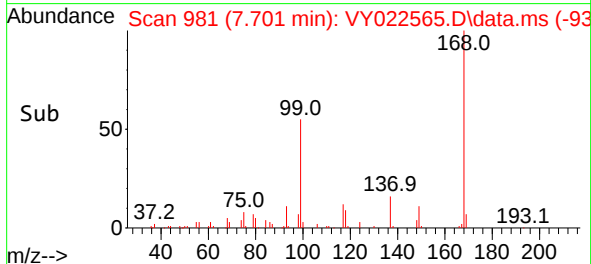
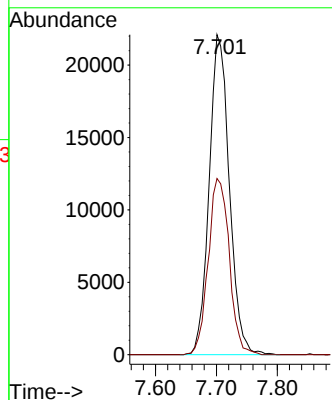
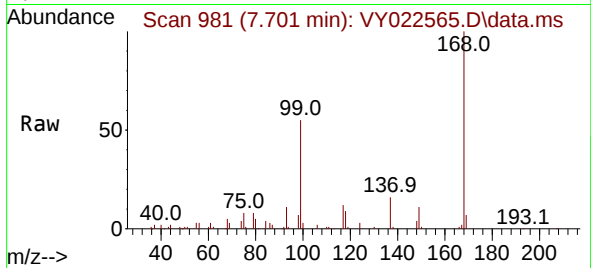




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022565.D
Acq: 05 Jun 2025 11:35

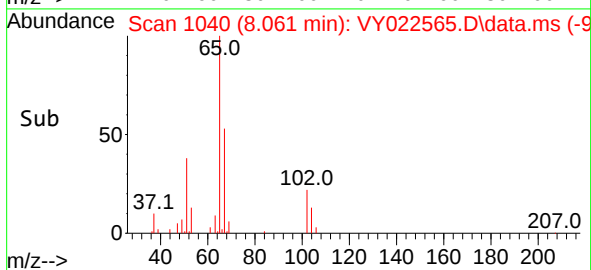
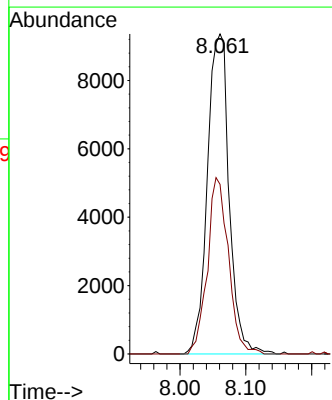
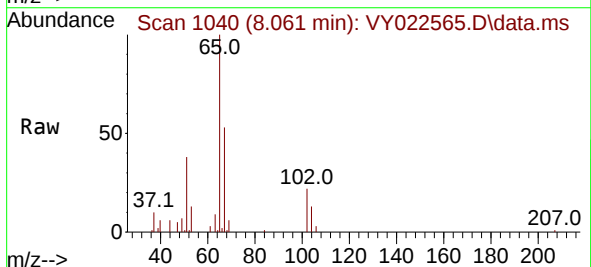
Instrument :
MSVOA_Y
ClientSampleId :
72-11978

Tgt Ion:168 Resp: 50802
Ion Ratio Lower Upper
168 100
99 55.0 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 37.959 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022565.D
Acq: 05 Jun 2025 11:35

Tgt Ion: 65 Resp: 21568
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.4

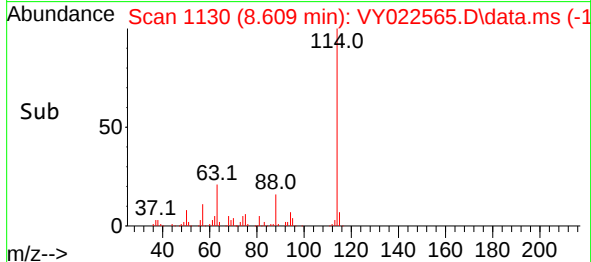
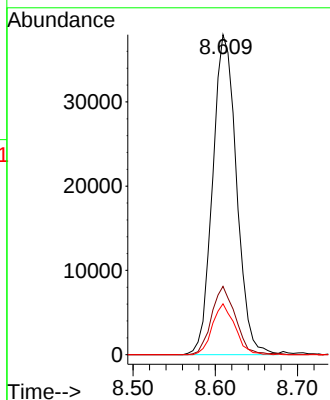
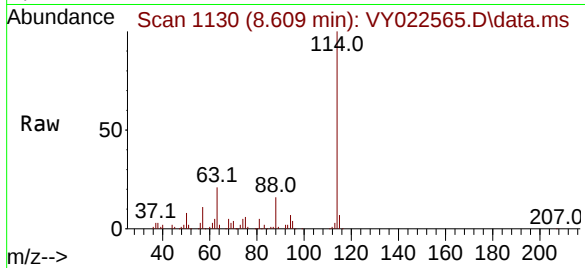




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022565.D
Acq: 05 Jun 2025 11:35

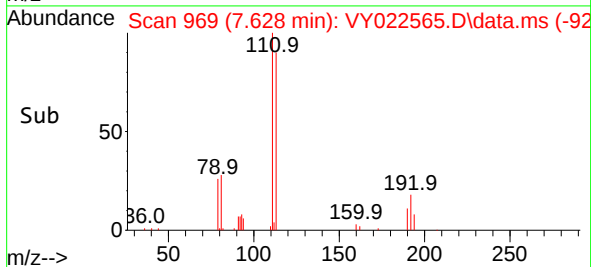
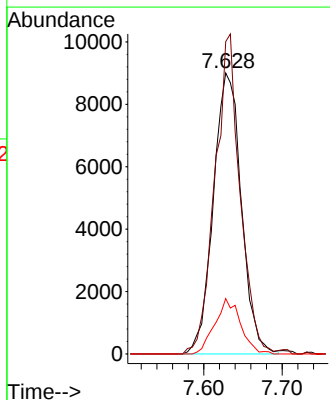
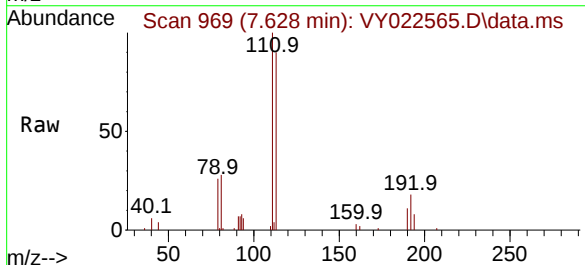
Instrument :
MSVOA_Y
ClientSampleId :
72-11978

Tgt Ion:114	Resp:	76765
Ion	Ratio	Lower Upper
114	100	
63	21.4	0.0 40.8
88	15.9	0.0 27.8



#35
Dibromofluoromethane
Concen: 48.861 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022565.D
Acq: 05 Jun 2025 11:35

Tgt Ion:113	Resp:	22388
Ion	Ratio	Lower Upper
113	100	
111	102.2	81.1 121.7
192	18.1	14.2 21.2

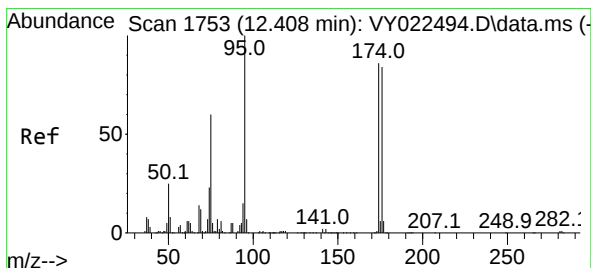
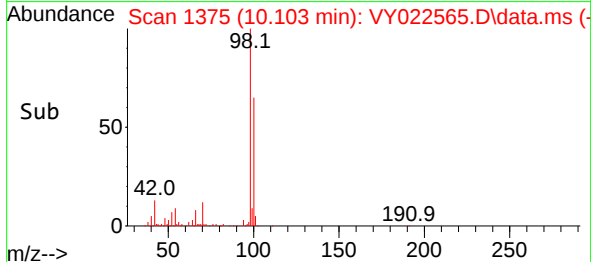
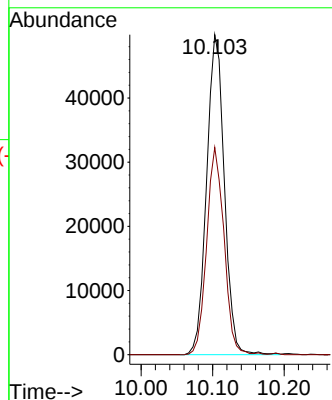
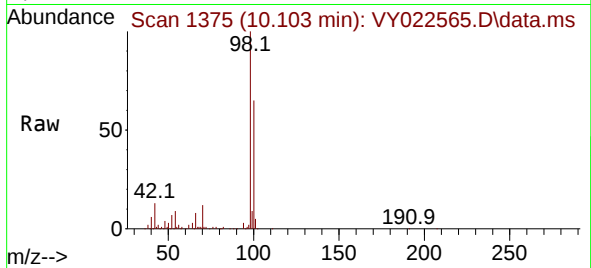




#50
Toluene-d8
Concen: 46.409 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022565.D
Acq: 05 Jun 2025 11:35

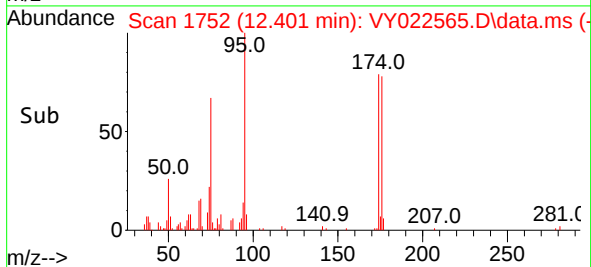
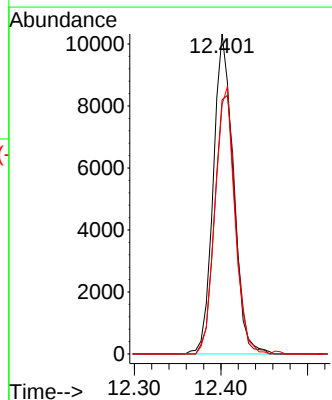
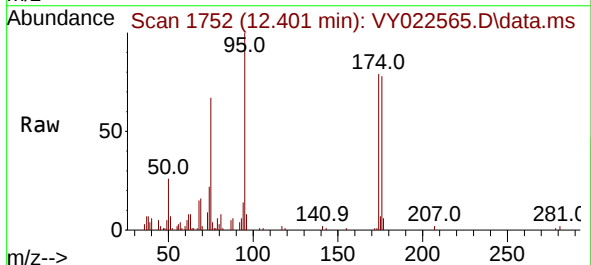
Instrument :
MSVOA_Y
ClientSampleId :
72-11978

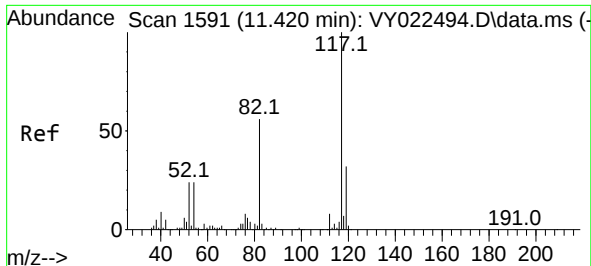
Tgt Ion: 98 Resp: 85922
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 30.057 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022565.D
Acq: 05 Jun 2025 11:35

Tgt Ion: 95 Resp: 16580
Ion Ratio Lower Upper
95 100
174 84.8 0.0 170.0
176 82.1 0.0 166.2

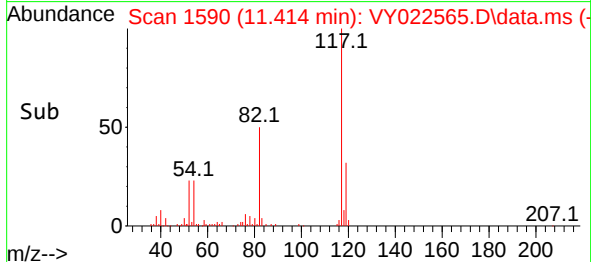
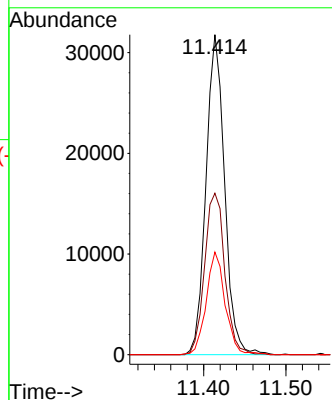
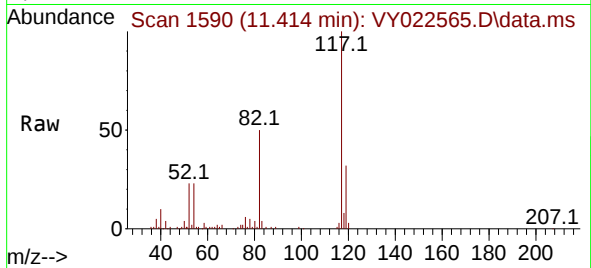




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022565.D
Acq: 05 Jun 2025 11:35

Instrument :
MSVOA_Y
ClientSampleId :
72-11978

Tgt Ion:117 Resp: 50072
Ion Ratio Lower Upper
117 100
82 50.5 44.6 66.8
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022565.D
Acq: 05 Jun 2025 11:35

Tgt Ion:152 Resp: 14250
Ion Ratio Lower Upper
152 100
115 62.1 28.9 86.7
150 156.2 0.0 349.6

