

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082225\
 Data File : VY023192.D
 Acq On : 22 Aug 2025 15:01
 Operator : SY/MD
 Sample : Q2915-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BRIDGE-WEST

Quant Time: Aug 25 05:17:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	547167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1061632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	959323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	389767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	299792	57.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.980%
35) Dibromofluoromethane	7.634	113	343380	54.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.100%
50) Toluene-d8	10.109	98	1290564	52.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.000%
62) 4-Bromofluorobenzene	12.408	95	372941	46.729	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.460%

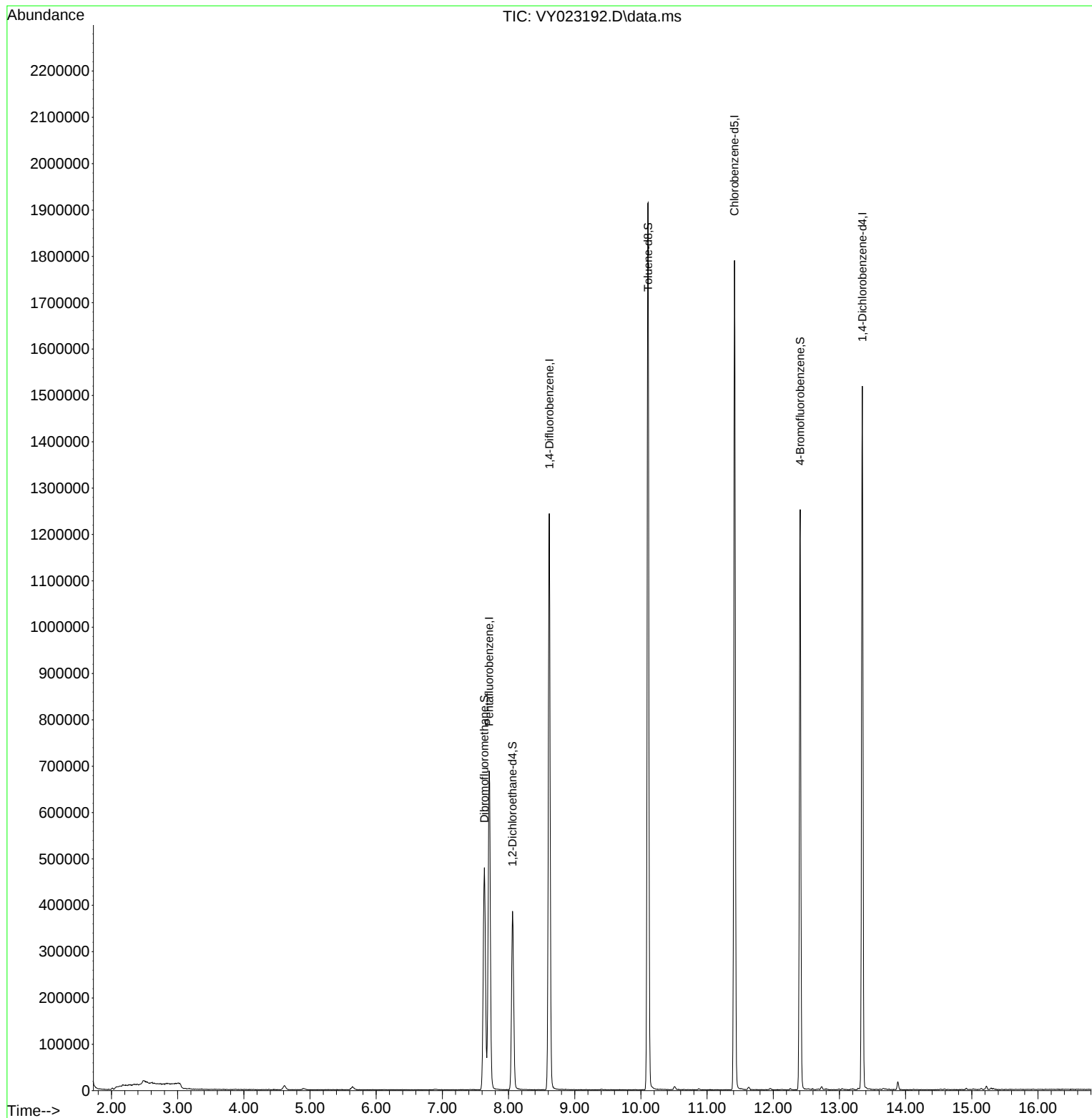
Target Compounds	Qvalue

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

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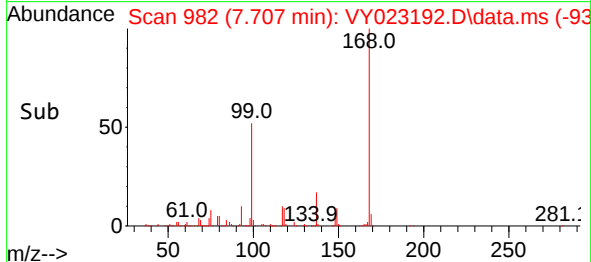
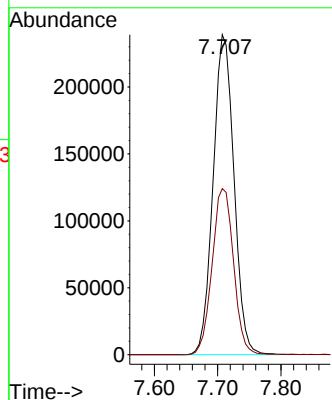
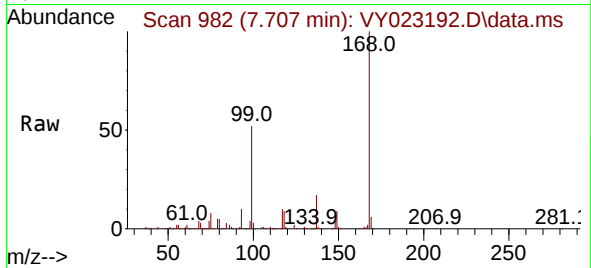




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023192.D
Acq: 22 Aug 2025 15:01

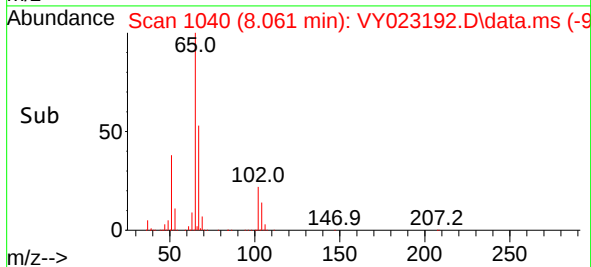
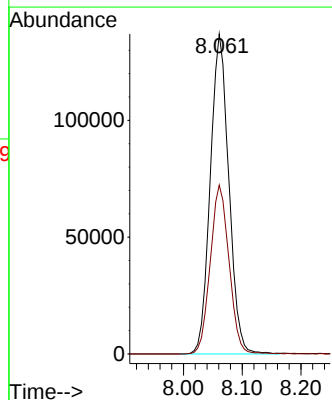
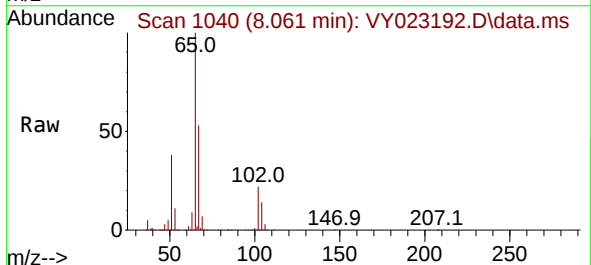
Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-WEST

Tgt Ion:168 Resp: 547167
Ion Ratio Lower Upper
168 100
99 51.9 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 57.488 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023192.D
Acq: 22 Aug 2025 15:01

Tgt Ion: 65 Resp: 299792
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.8

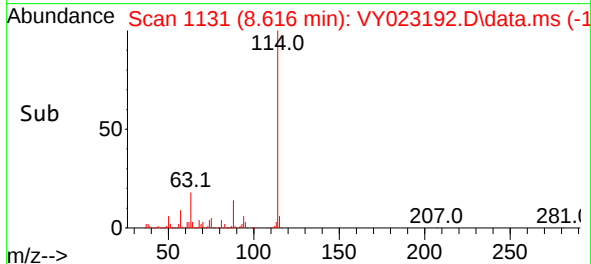
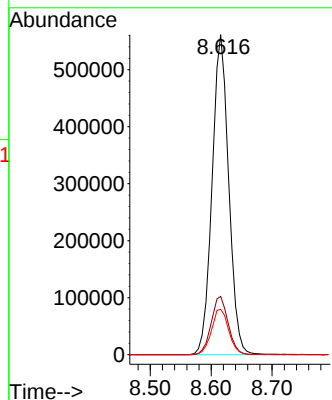
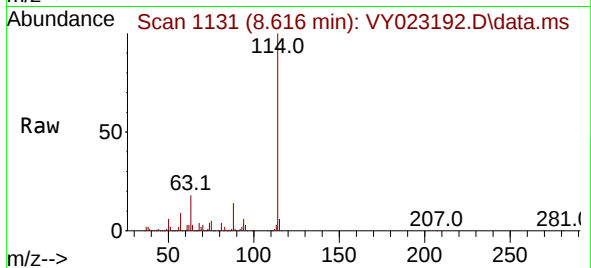




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY023192.D
Acq: 22 Aug 2025 15:01

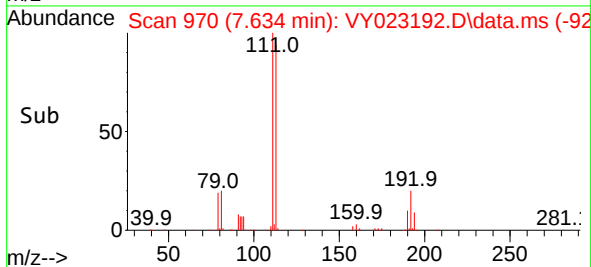
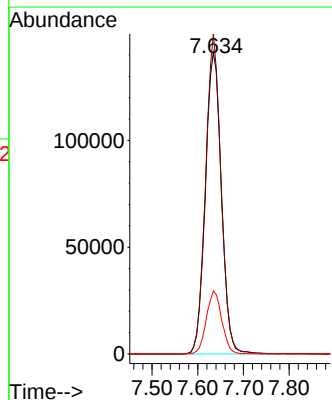
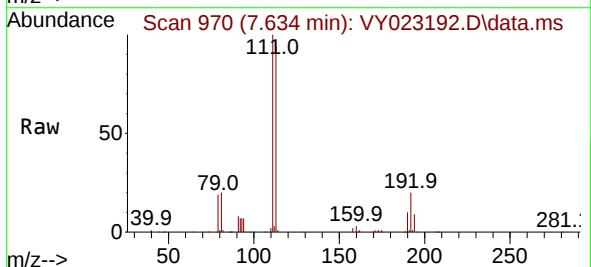
Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-WEST

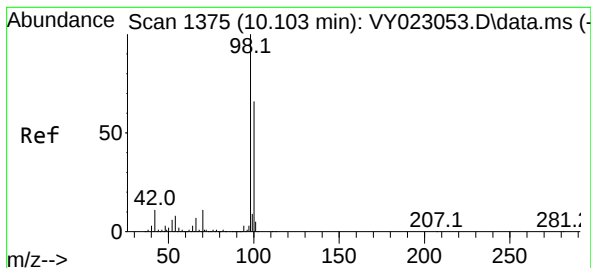
Tgt Ion:114 Resp: 1061632
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.4
88 14.2 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.055 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023192.D
Acq: 22 Aug 2025 15:01

Tgt Ion:113 Resp: 343380
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 20.2 16.2 24.4

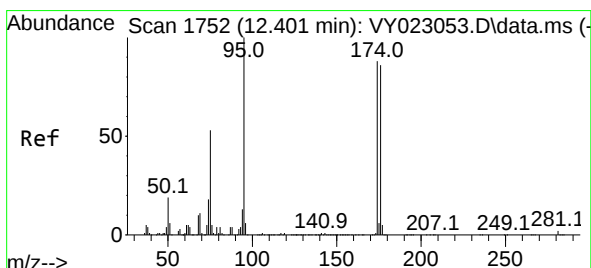
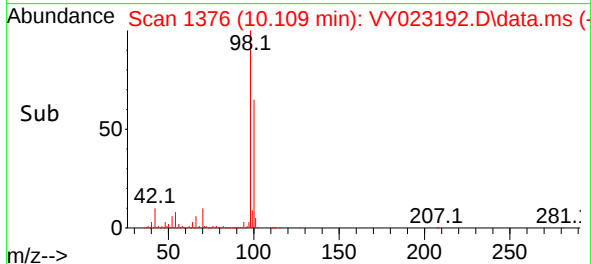
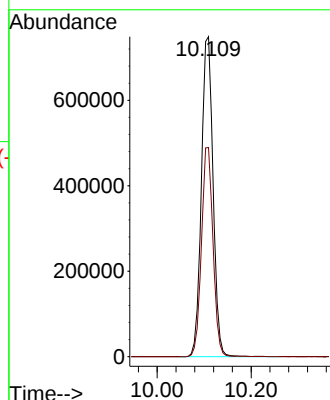
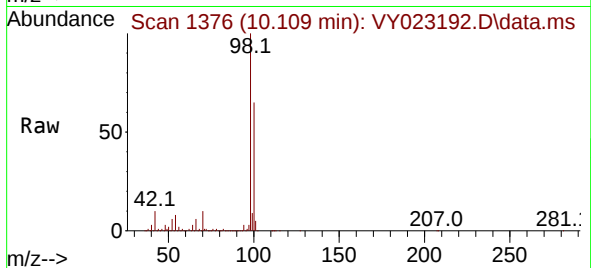




#50
Toluene-d8
Concen: 52.004 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023192.D
Acq: 22 Aug 2025 15:01

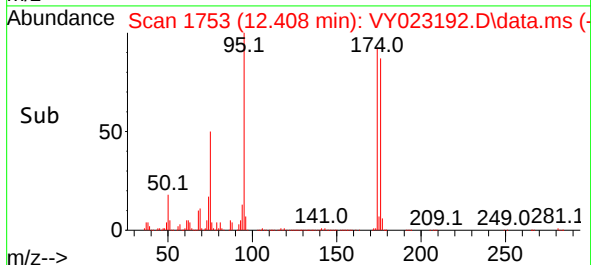
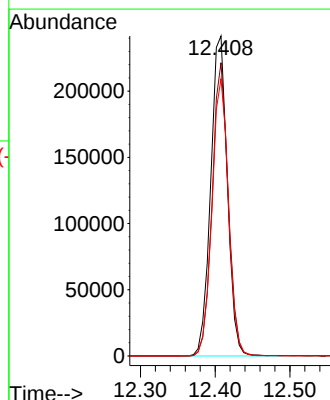
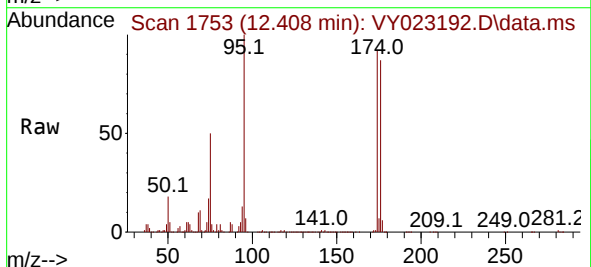
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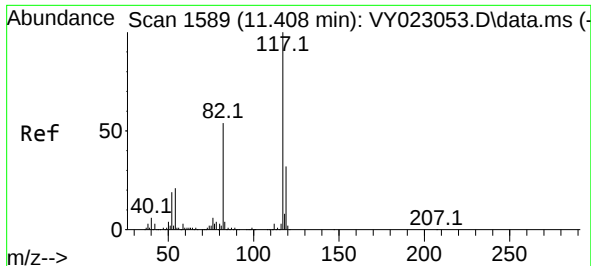
Tgt Ion: 98 Resp: 1290564
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.729 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023192.D
Acq: 22 Aug 2025 15:01

Tgt Ion: 95 Resp: 372941
Ion Ratio Lower Upper
95 100
174 89.0 0.0 171.6
176 85.8 0.0 167.6

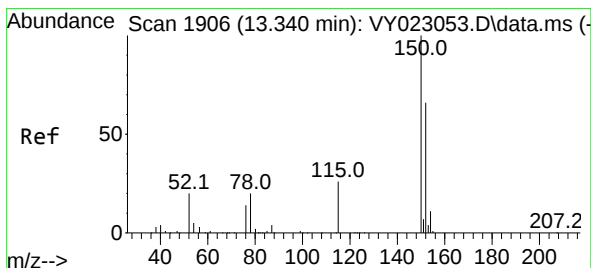
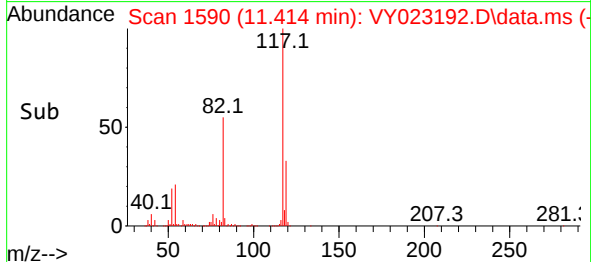
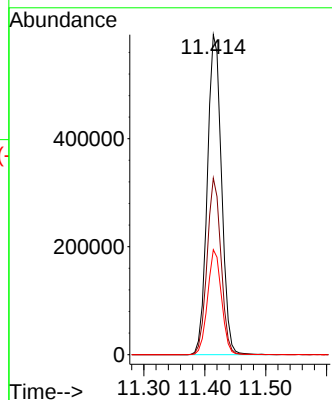
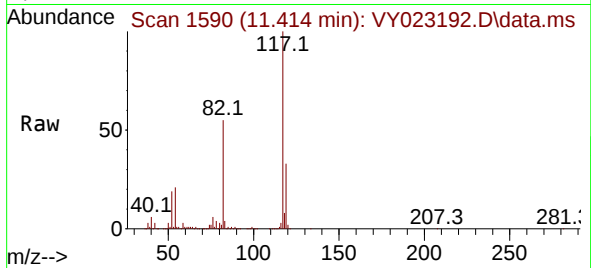




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023192.D
Acq: 22 Aug 2025 15:01

Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-WEST

Tgt Ion:117 Resp: 959323
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023192.D
Acq: 22 Aug 2025 15:01

Tgt Ion:152 Resp: 389767
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.6
150 155.1 0.0 348.0

