

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022195.D
 Acq On : 07 May 2025 16:06
 Operator : SY/MD
 Sample : Q1972-23
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-1-VOC

Quant Time: May 08 01:43:19 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	196976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	397985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	370806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144528	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113107	62.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.340%
35) Dibromofluoromethane	7.634	113	137308	52.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.440%
50) Toluene-d8	10.103	98	496304	50.069	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.407	95	141028	42.263	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.520%

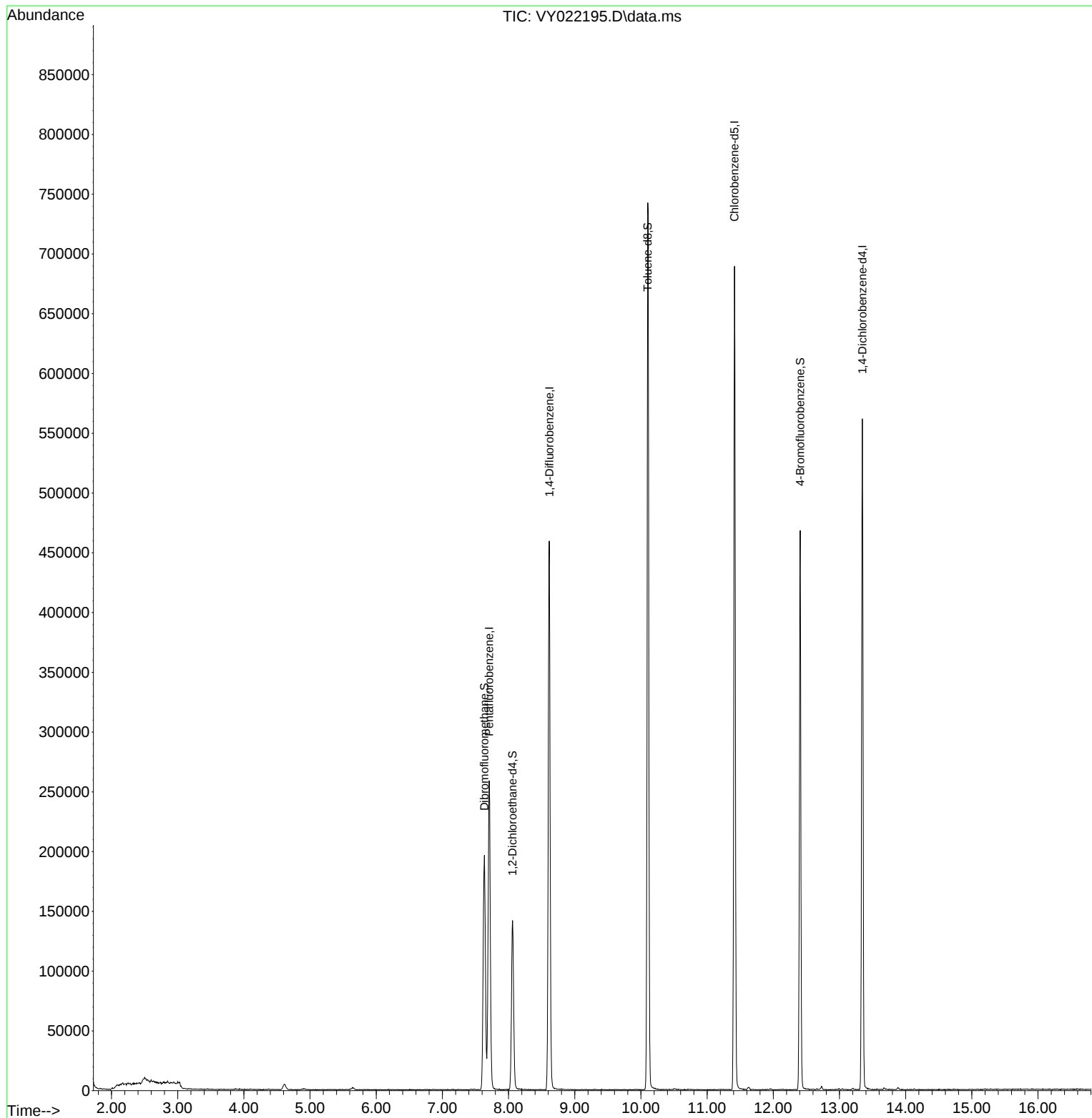
Target Compounds	Qvalue

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

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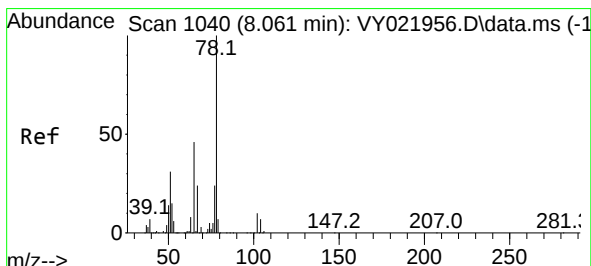
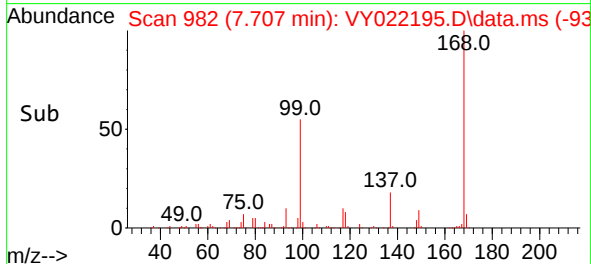
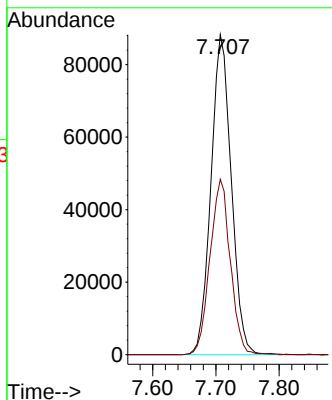
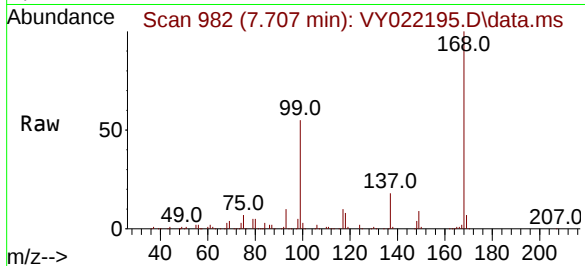




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

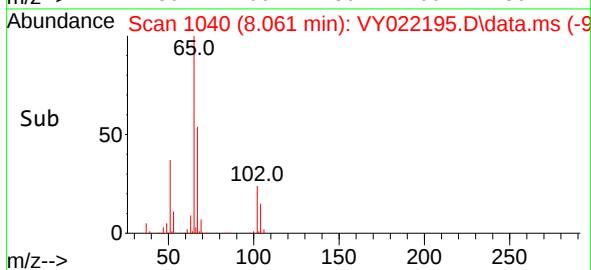
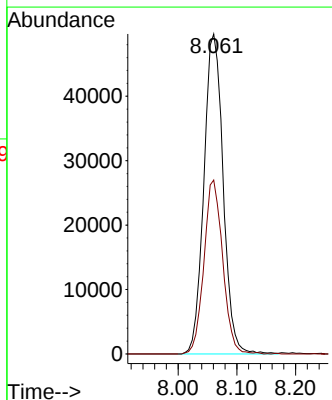
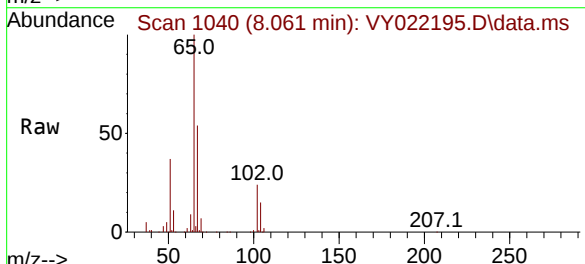
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-1-VOC

Tgt Ion:168 Resp: 196976
Ion Ratio Lower Upper
168 100
99 54.8 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 62.166 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

Tgt Ion: 65 Resp: 113107
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8

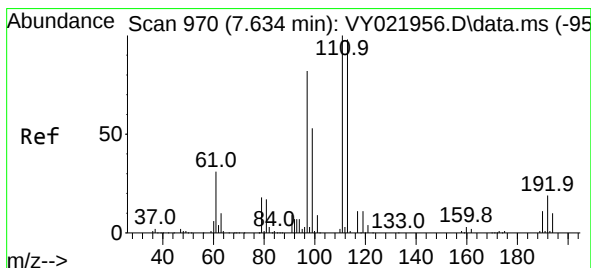
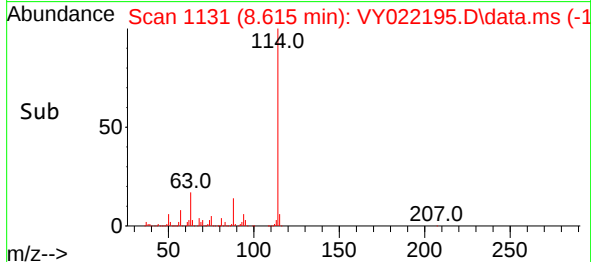
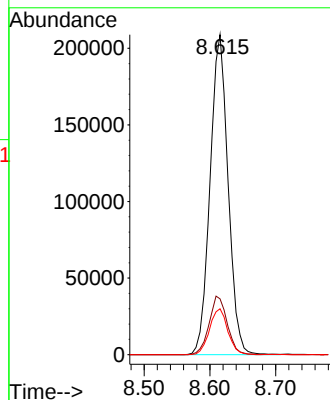
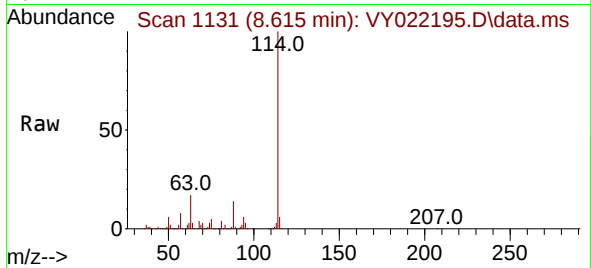




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

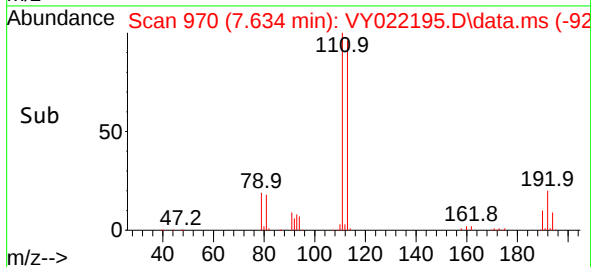
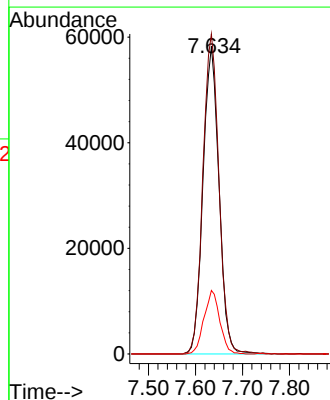
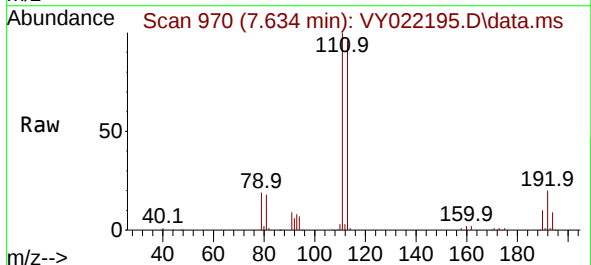
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-1-VOC

Tgt Ion:114 Resp: 397985
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.4
88 14.3 0.0 28.2



#35
Dibromofluoromethane
Concen: 52.222 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

Tgt Ion:113 Resp: 137308
Ion Ratio Lower Upper
113 100
111 104.5 81.8 122.8
192 20.4 15.6 23.4

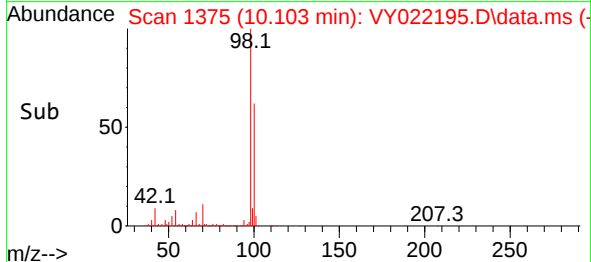
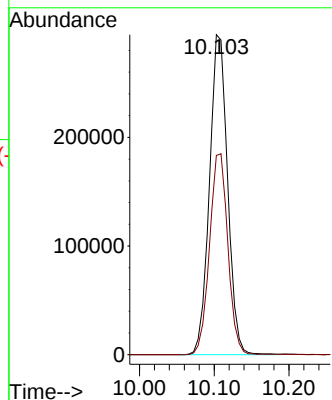
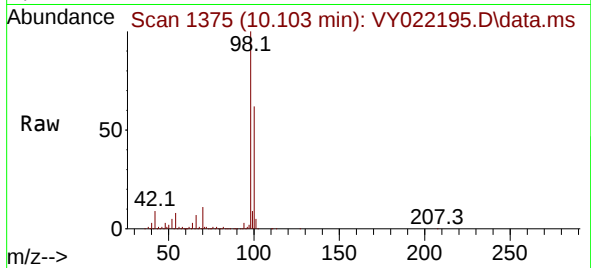




#50
Toluene-d8
Concen: 50.069 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

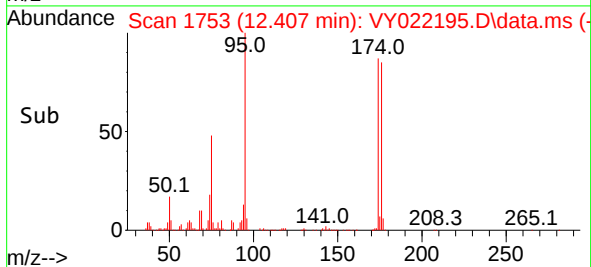
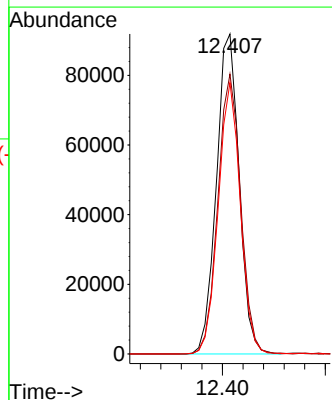
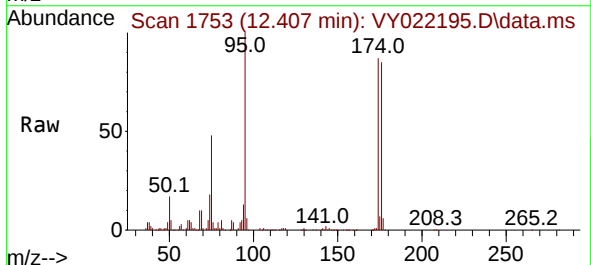
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-1-VOC

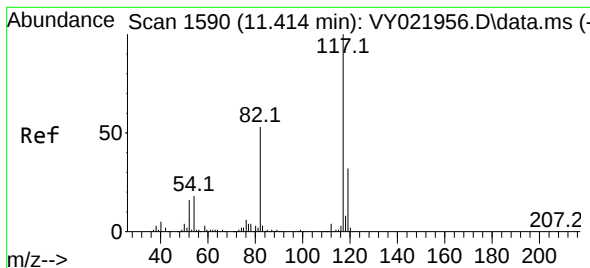
Tgt Ion: 98 Resp: 496304
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.263 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

Tgt Ion: 95 Resp: 141028
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.0
176 82.3 0.0 171.8

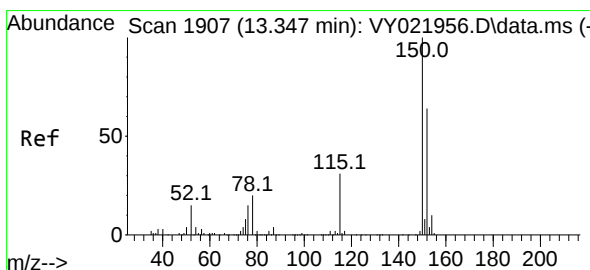
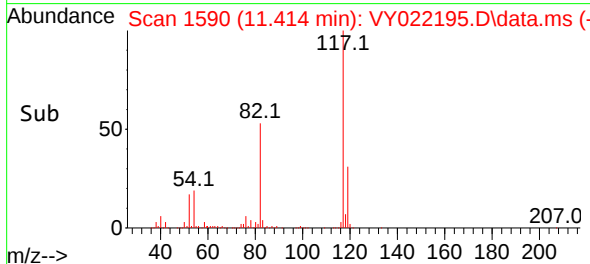
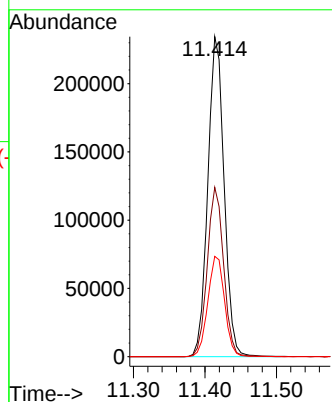
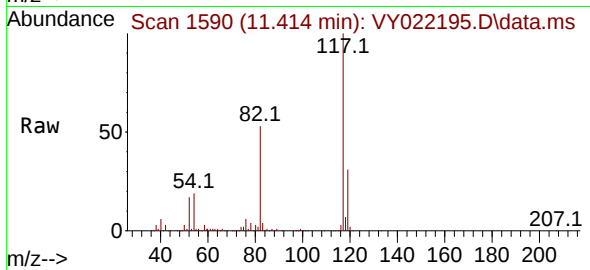




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

Instrument :
MSVOA_Y
ClientSampleId :
WC-B-1-VOC

Tgt Ion:117 Resp: 370806
Ion Ratio Lower Upper
117 100
82 52.9 42.1 63.1
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

Tgt Ion:152 Resp: 144528
Ion Ratio Lower Upper
152 100
115 56.8 28.0 84.0
150 156.7 0.0 345.6

