

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014198.D
 Acq On : 15 Jun 2023 18:37
 Operator : KP/MD
 Sample : 03235-05
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-ANDREW

Quant Time: Jun 16 02:12:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	92980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61301	47.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.700%
35) Dibromofluoromethane	7.722	113	53500	48.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.000%
50) Toluene-d8	10.179	98	195154	47.321	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.640%
62) 4-Bromofluorobenzene	12.483	95	64252	43.859	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.720%

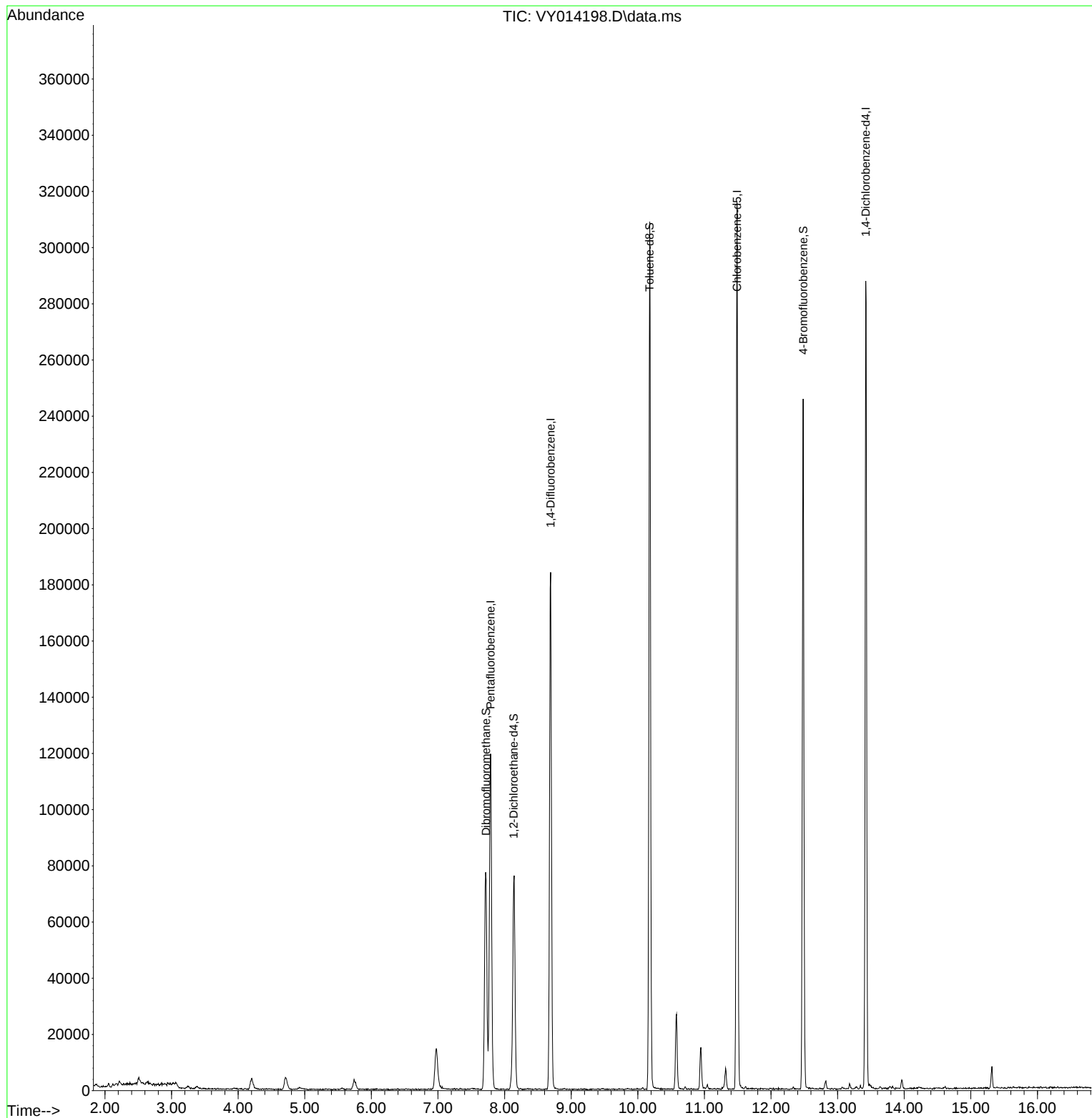
Target Compounds	Qvalue

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

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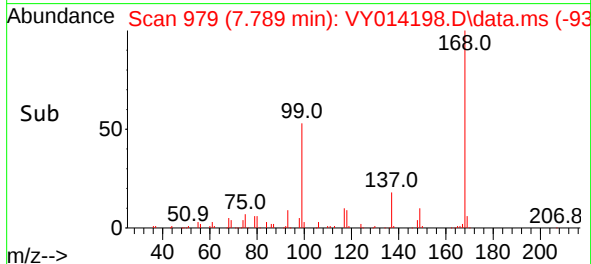
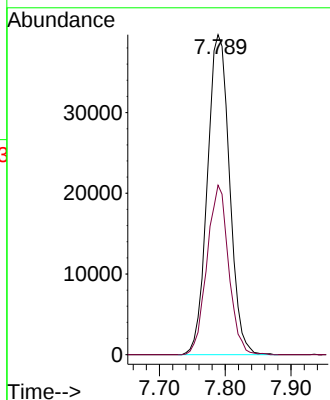
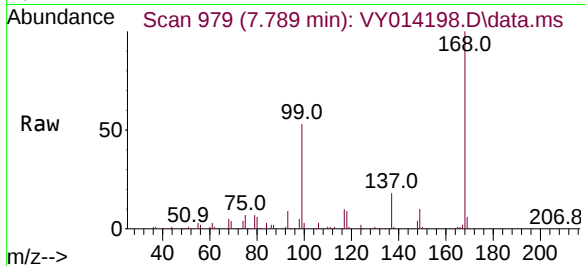




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014198.D
Acq: 15 Jun 2023 18:37

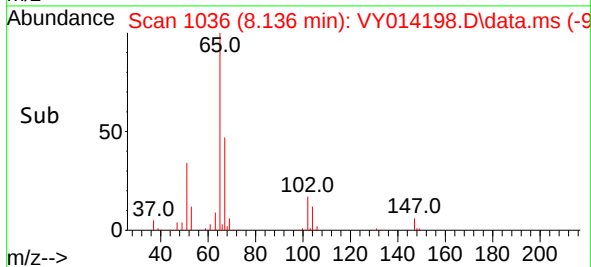
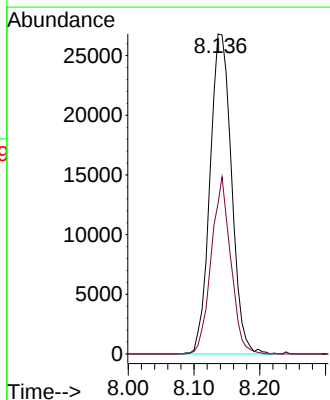
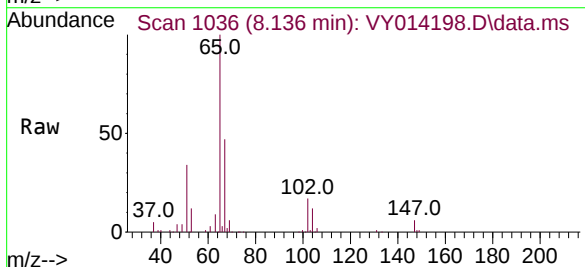
Instrument :
MSVOA_Y
ClientSampleId :
C-ANDREW

Tgt Ion:168 Resp: 92980
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 47.345 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014198.D
Acq: 15 Jun 2023 18:37

Tgt Ion: 65 Resp: 61301
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014198.D

Acq: 15 Jun 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

C-ANDREW

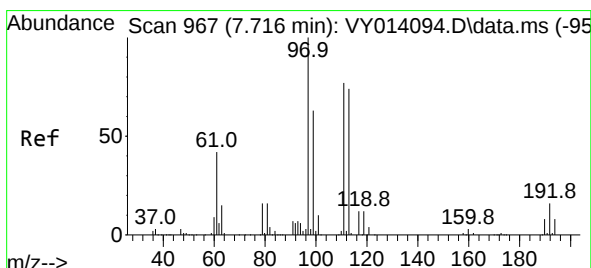
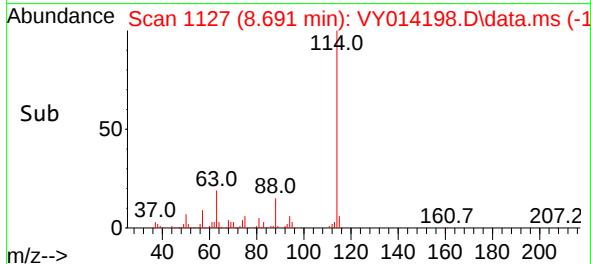
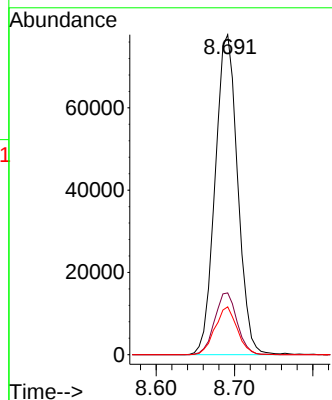
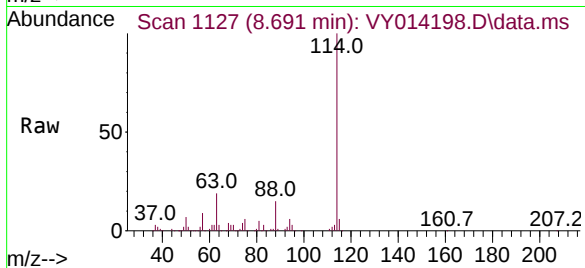
Tgt Ion:114 Resp: 155546

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.500 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014198.D

Acq: 15 Jun 2023 18:37

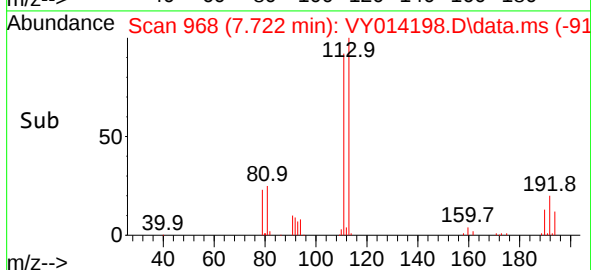
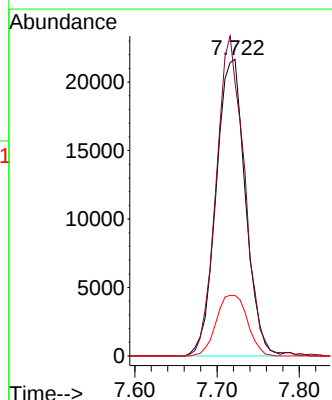
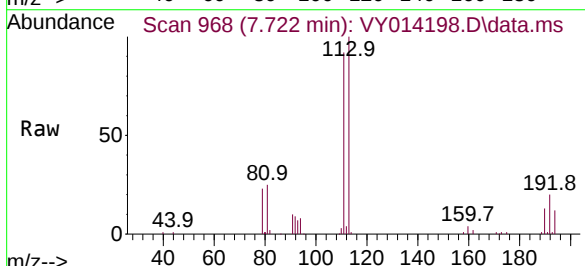
Tgt Ion:113 Resp: 53500

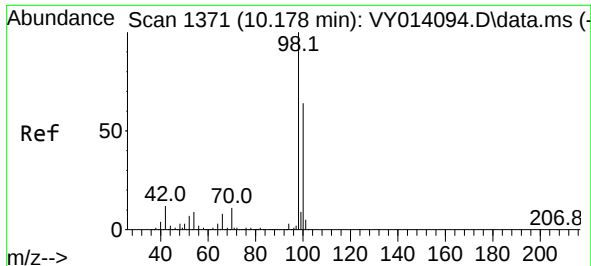
Ion Ratio Lower Upper

113 100

111 104.3 81.3 121.9

192 21.8 16.9 25.3

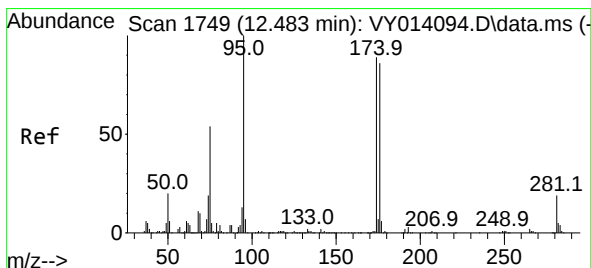
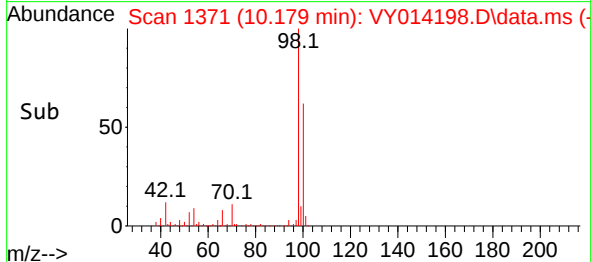
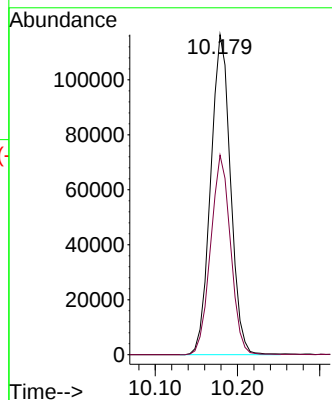
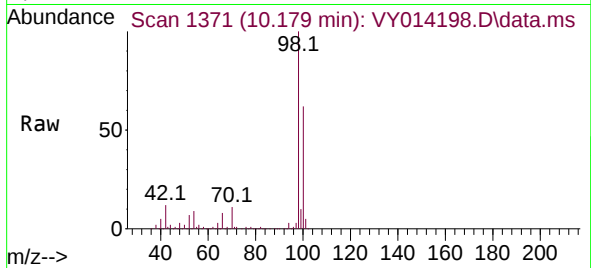




#50
Toluene-d8
Concen: 47.321 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014198.D
Acq: 15 Jun 2023 18:37

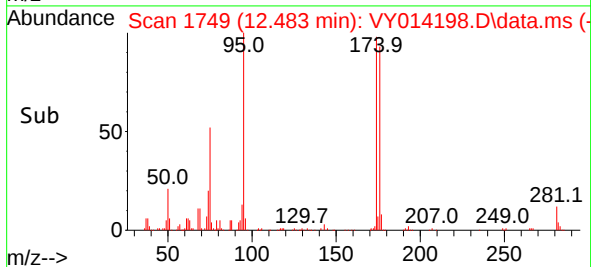
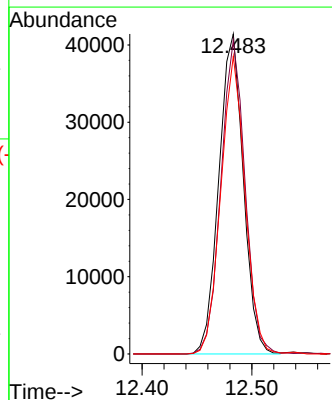
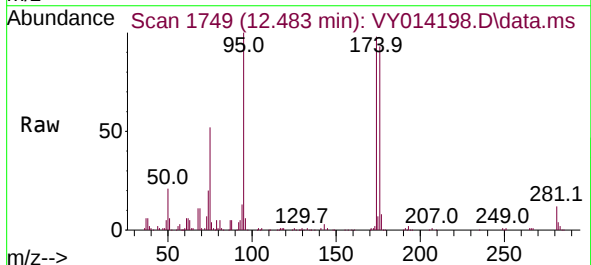
Instrument :
MSVOA_Y
ClientSampleId :
C-ANDREW

Tgt Ion: 98 Resp: 195154
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.859 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014198.D
Acq: 15 Jun 2023 18:37

Tgt Ion: 95 Resp: 64252
Ion Ratio Lower Upper
95 100
174 96.5 0.0 178.2
176 91.8 0.0 173.8

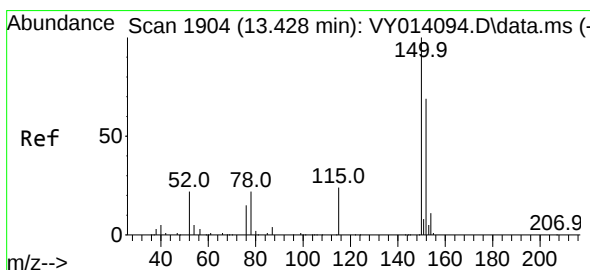
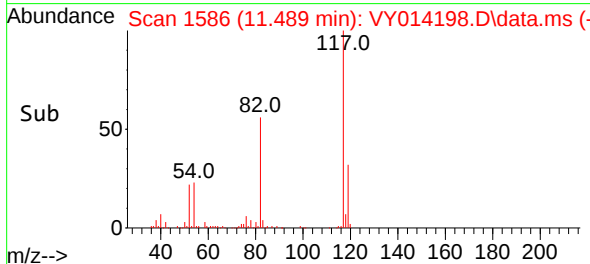
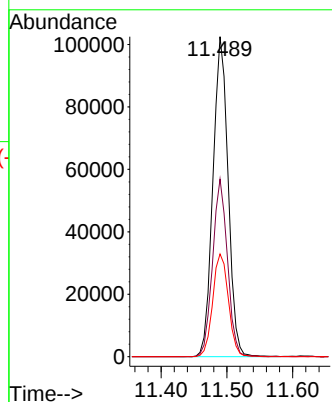
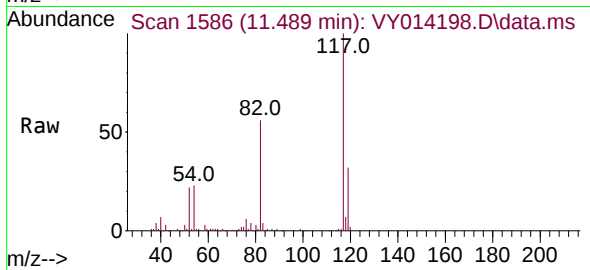




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014198.D
Acq: 15 Jun 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :
C-ANDREW

Tgt Ion:117 Resp: 164755
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014198.D
Acq: 15 Jun 2023 18:37

Tgt Ion:152 Resp: 75719
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 157.1 0.0 348.8

