

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039437.D
 Acq On : 22 Dec 2023 14:10
 Operator : JC/MD
 Sample : 05966-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COLT3

Quant Time: Dec 23 06:24:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221740	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94288	49.495	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.000%
35) Dibromofluoromethane	5.391	113	72902	47.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.180%
50) Toluene-d8	8.647	98	282318	49.641	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.280%
62) 4-Bromofluorobenzene	11.079	95	127456	54.317	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.640%

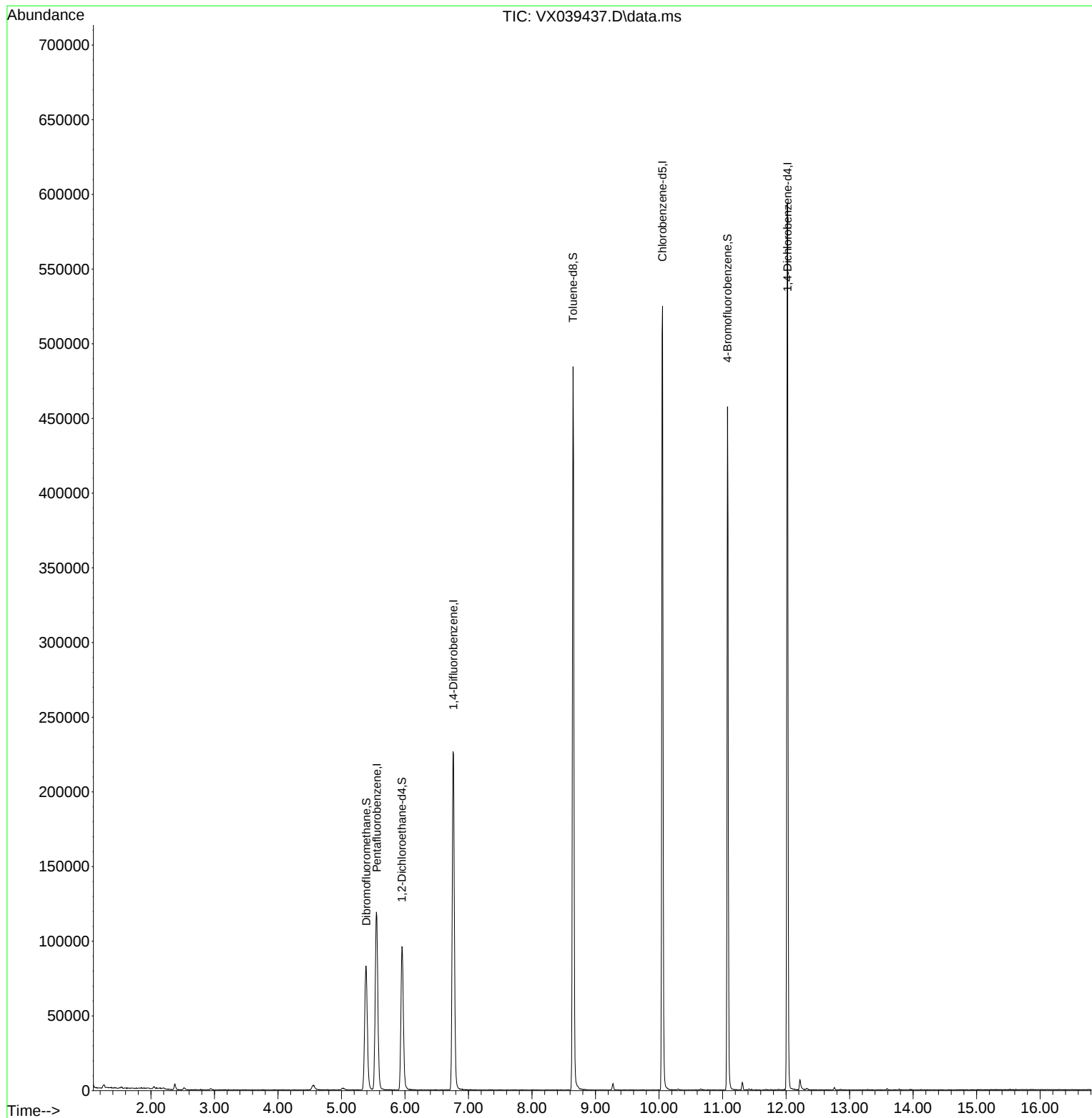
Target Compounds	Qvalue

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

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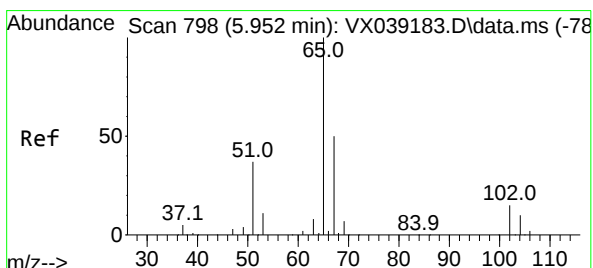
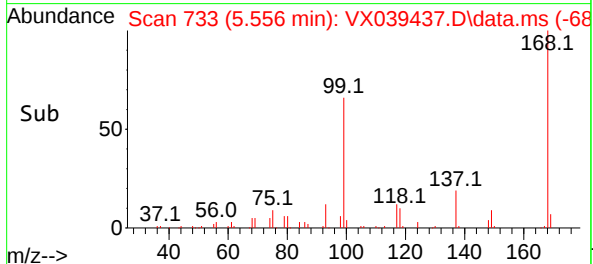
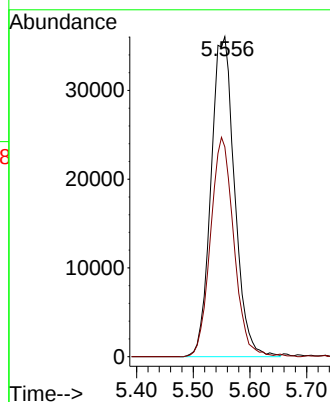
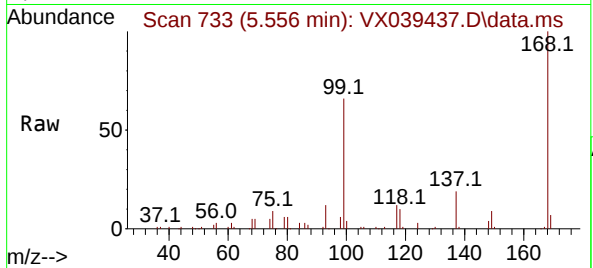




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.556 min Scan# 713
 Delta R.T. 0.006 min
 Lab File: VX039437.D
 Acq: 22 Dec 2023 14:10

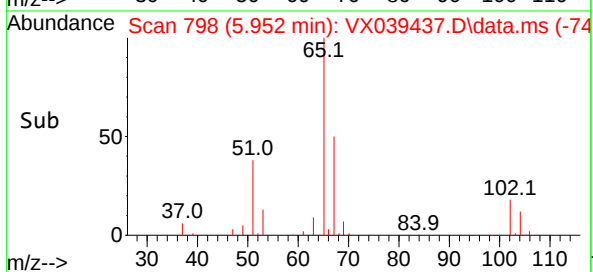
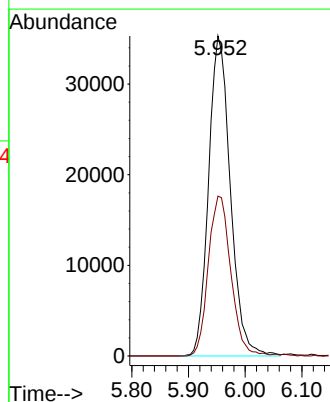
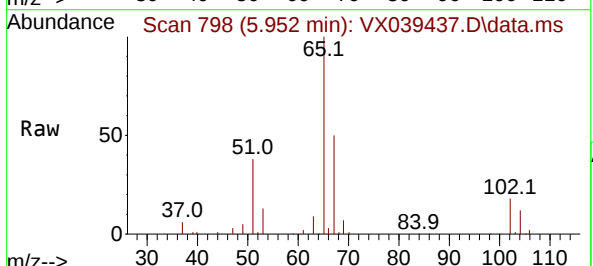
Instrument :
 MSVOA_X
 ClientSampleId :
 COLT3

Tgt Ion:168 Resp: 103988
 Ion Ratio Lower Upper
 168 100
 99 65.5 56.6 85.0



#33
 1,2-Dichloroethane-d4
 Concen: 49.495 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039437.D
 Acq: 22 Dec 2023 14:10

Tgt Ion: 65 Resp: 94288
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2

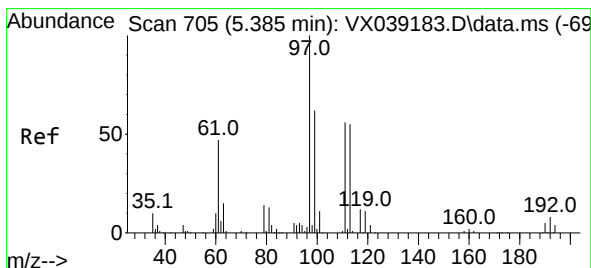
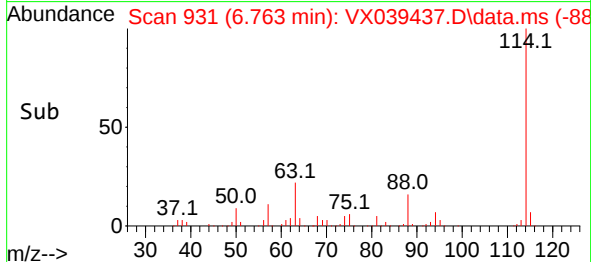
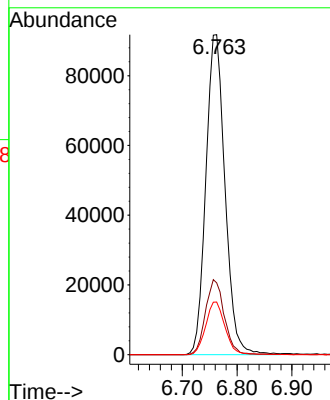
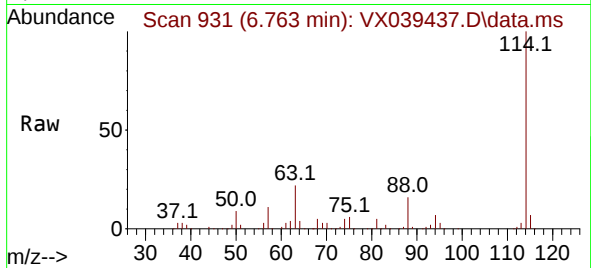




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039437.D
Acq: 22 Dec 2023 14:10

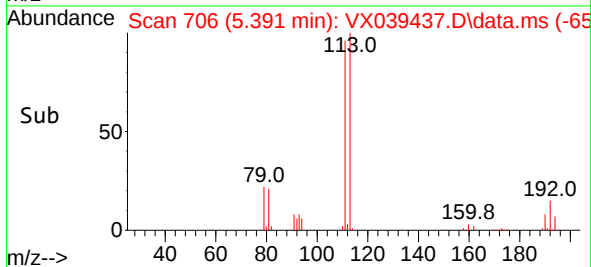
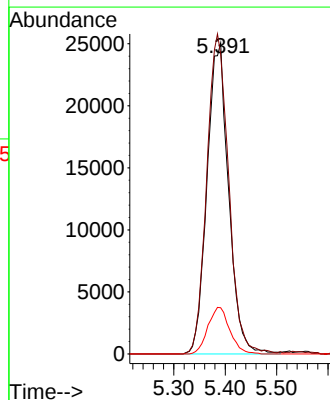
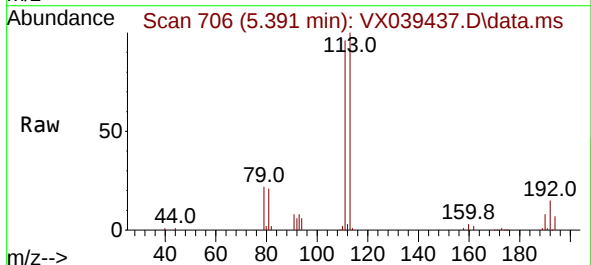
Instrument :
MSVOA_X
ClientSampleId :
COLT3

Tgt Ion:114 Resp: 221740
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.590 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX039437.D
Acq: 22 Dec 2023 14:10

Tgt Ion:113 Resp: 72902
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 15.2 13.3 19.9

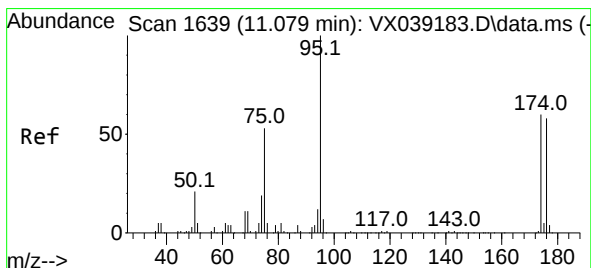
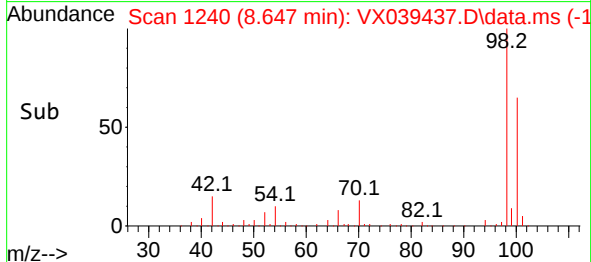
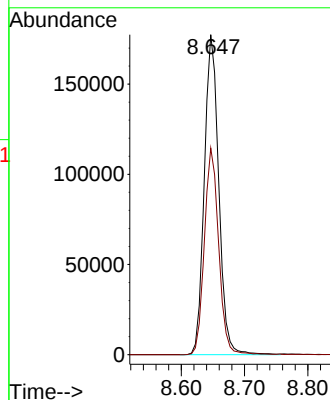
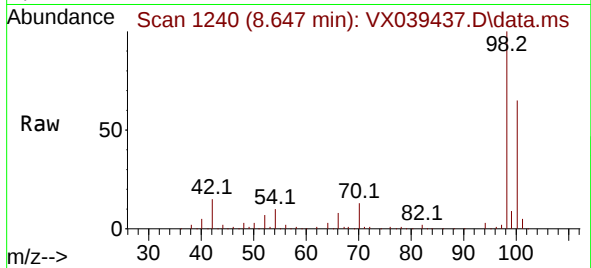




#50
Toluene-d8
Concen: 49.641 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039437.D
Acq: 22 Dec 2023 14:10

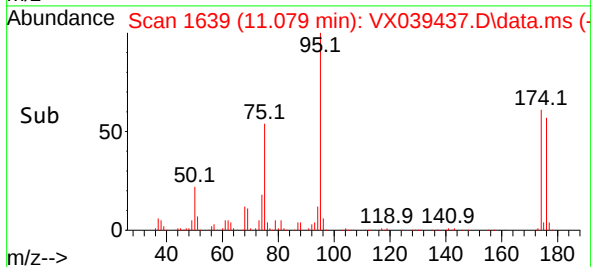
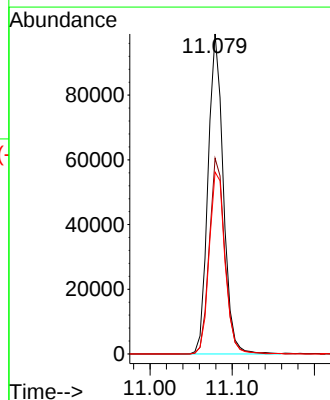
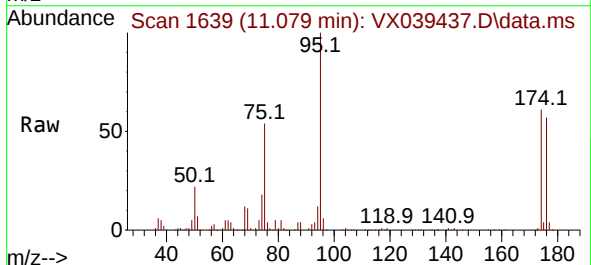
Instrument :
MSVOA_X
ClientSampleId :
COLT3

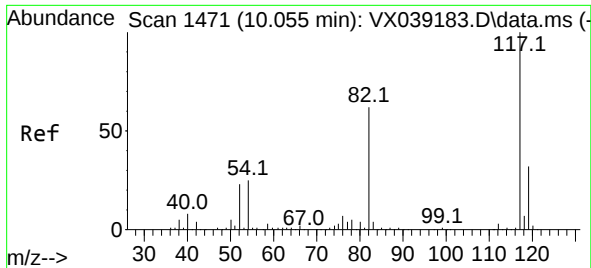
Tgt Ion: 98 Resp: 282318
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039437.D
Acq: 22 Dec 2023 14:10

Tgt Ion: 95 Resp: 127456
Ion Ratio Lower Upper
95 100
174 62.4 0.0 135.6
176 59.3 0.0 131.0

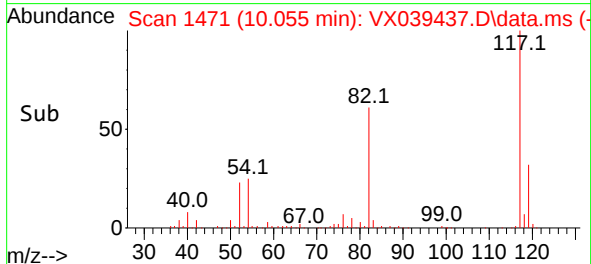
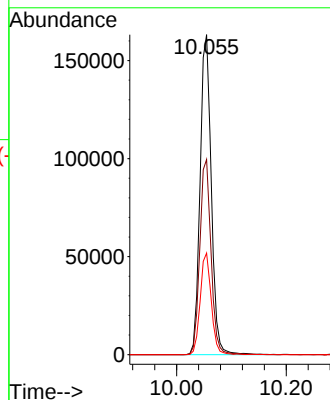
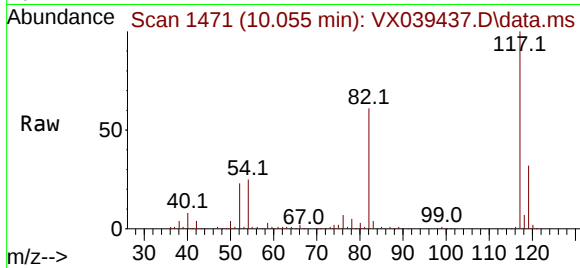




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039437.D
Acq: 22 Dec 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
COLT3

Tgt Ion:117 Resp: 231986
Ion Ratio Lower Upper
117 100
82 61.0 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039437.D
Acq: 22 Dec 2023 14:10

Tgt Ion:152 Resp: 117064
Ion Ratio Lower Upper
152 100
115 67.3 43.3 129.9
150 156.4 0.0 345.0

