

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045945.D
 Acq On : 28 Apr 2025 10:44
 Operator : JC/MD
 Sample : VX0428MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428MBL01

Quant Time: Apr 29 01:31:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	58893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	112499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	105311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	40604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	56116	52.104	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.200%
35) Dibromofluoromethane	5.379	113	41472	51.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.920%
50) Toluene-d8	8.647	98	142251	51.060	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.120%
62) 4-Bromofluorobenzene	11.079	95	51139	50.394	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.780%

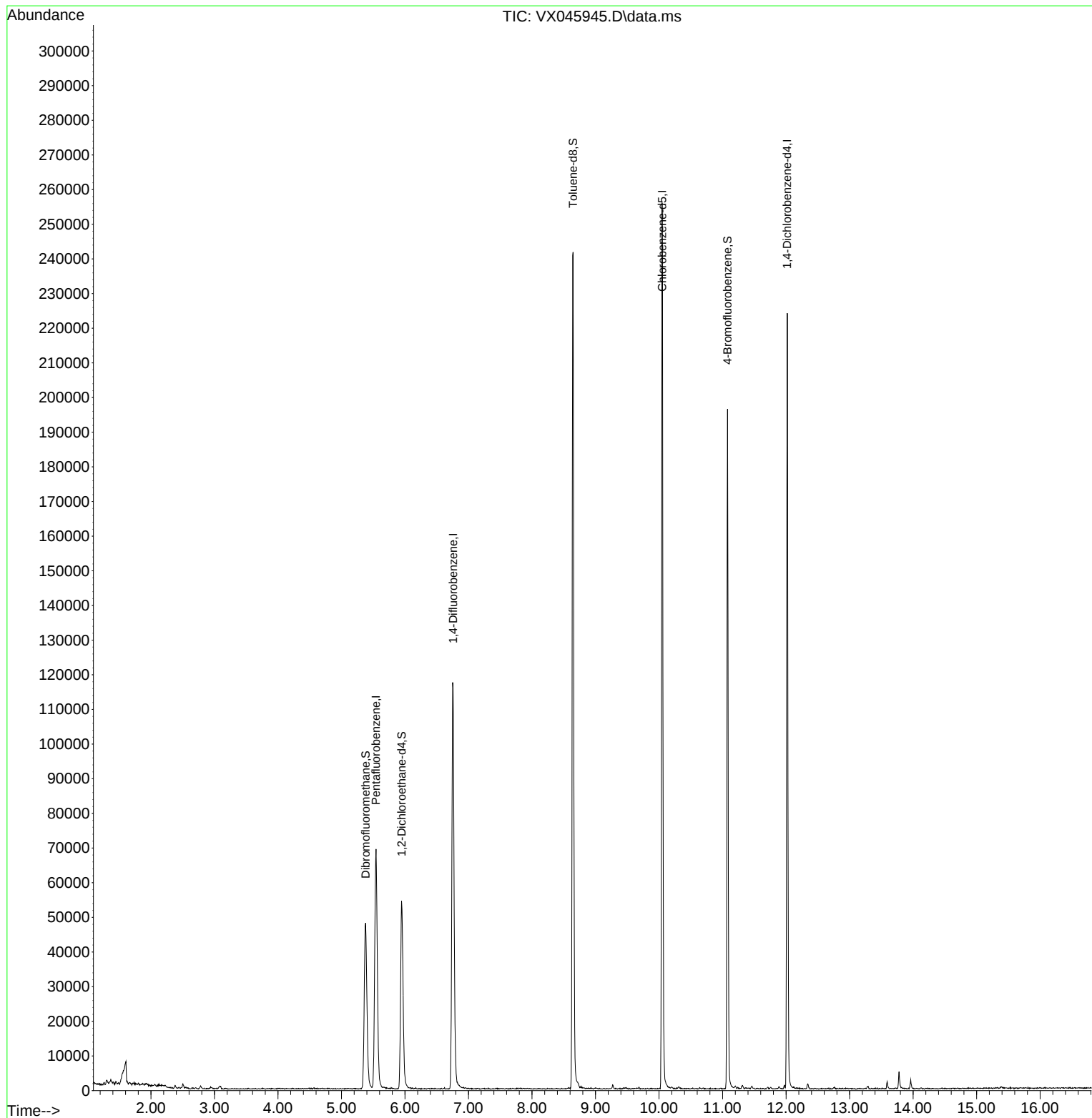
Target Compounds	Qvalue

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

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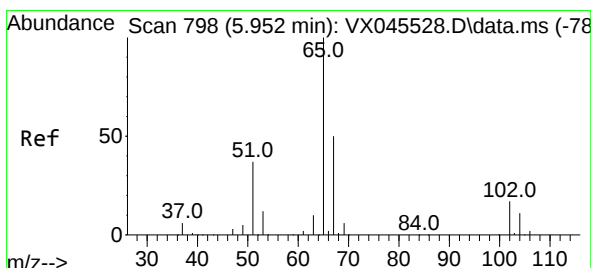
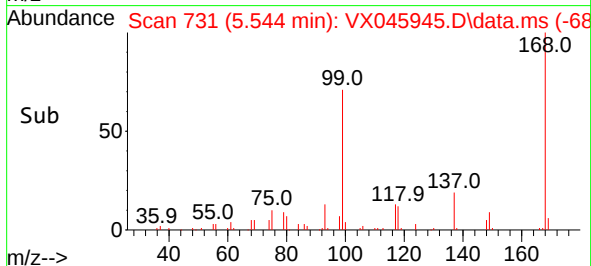
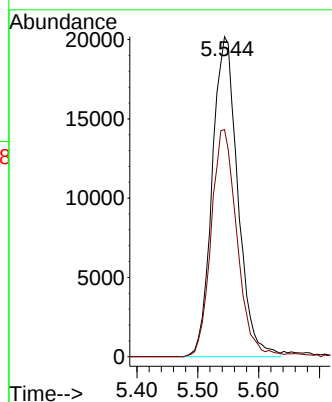
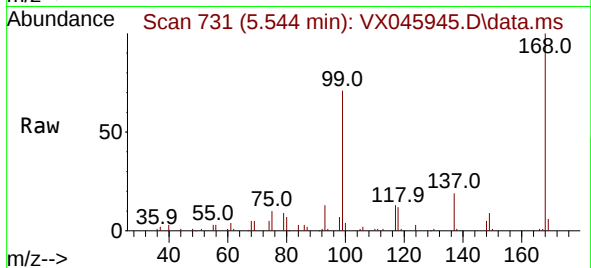




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045945.D
Acq: 28 Apr 2025 10:44

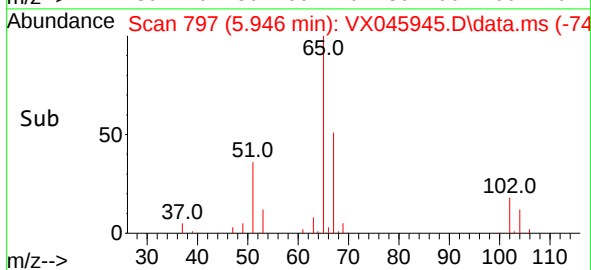
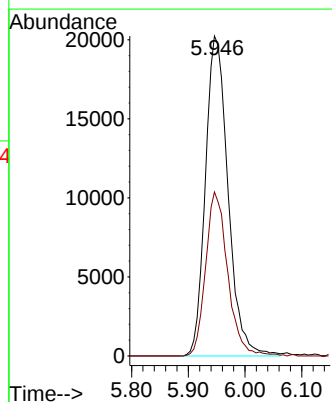
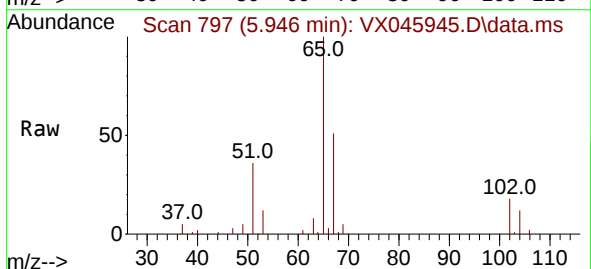
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBL01

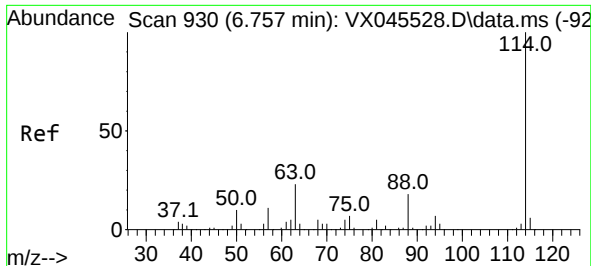
Tgt Ion:168 Resp: 58893
Ion Ratio Lower Upper
168 100
99 70.9 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 52.104 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045945.D
Acq: 28 Apr 2025 10:44

Tgt Ion: 65 Resp: 56116
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

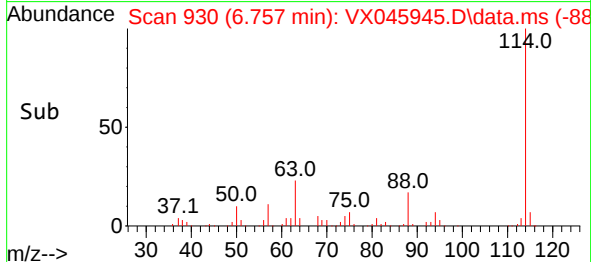
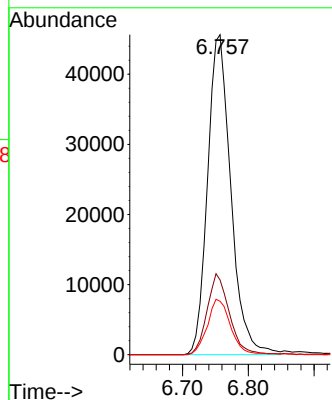
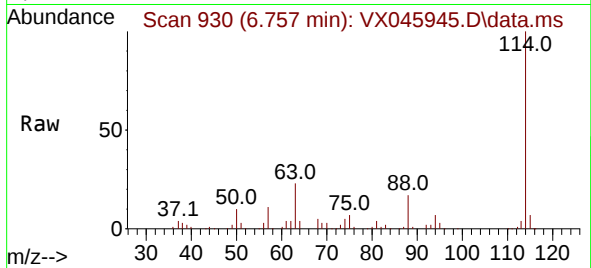




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045945.D
Acq: 28 Apr 2025 10:44

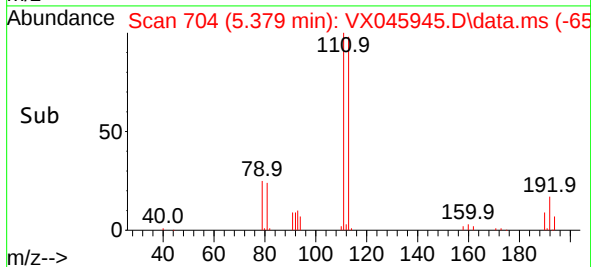
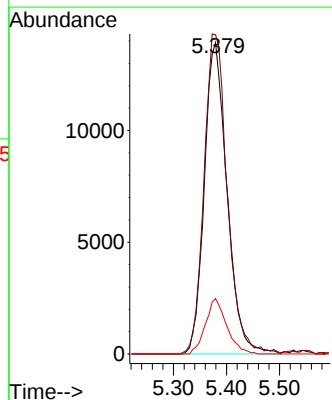
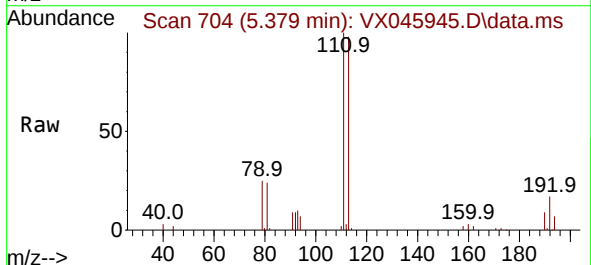
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBL01

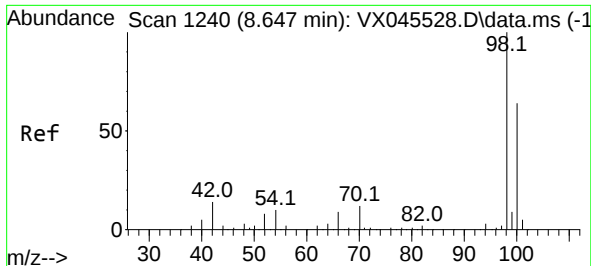
Tgt Ion:114 Resp: 112499
Ion Ratio Lower Upper
114 100
63 23.4 0.0 46.8
88 16.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.958 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045945.D
Acq: 28 Apr 2025 10:44

Tgt Ion:113 Resp: 41472
Ion Ratio Lower Upper
113 100
111 105.2 81.8 122.6
192 16.6 13.8 20.6

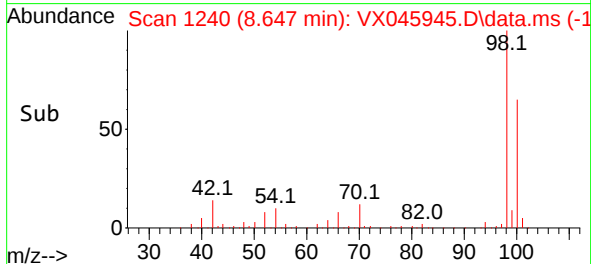
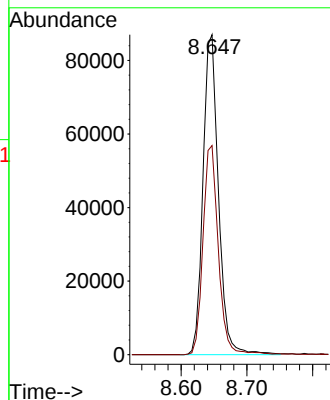
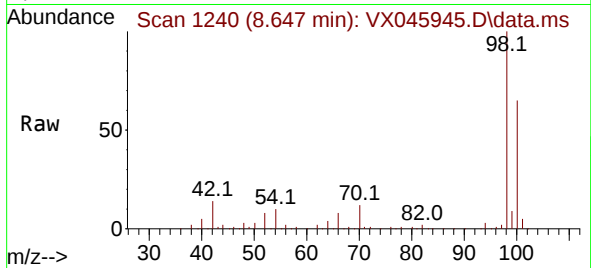




#50
Toluene-d8
Concen: 51.060 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045945.D
Acq: 28 Apr 2025 10:44

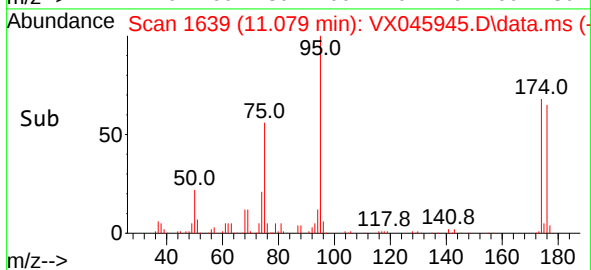
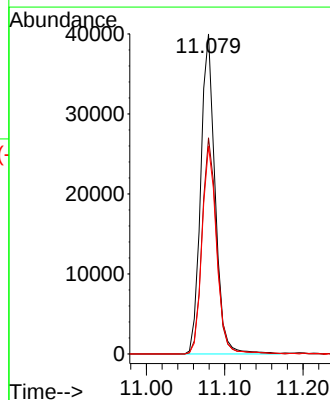
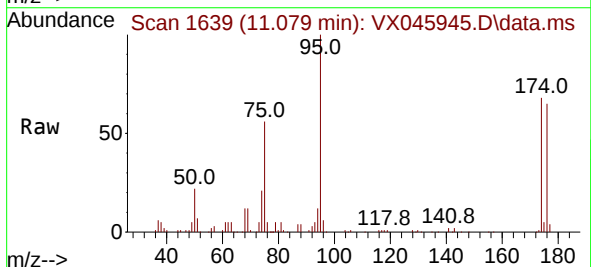
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBL01

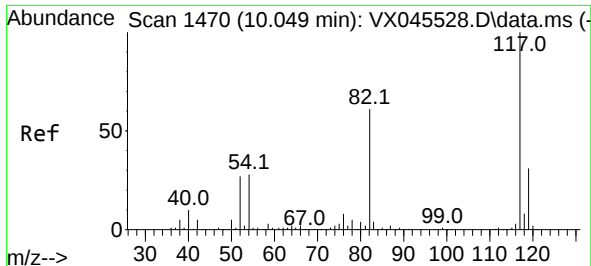
Tgt Ion: 98 Resp: 142251
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045945.D
Acq: 28 Apr 2025 10:44

Tgt Ion: 95 Resp: 51139
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 66.1 0.0 131.4

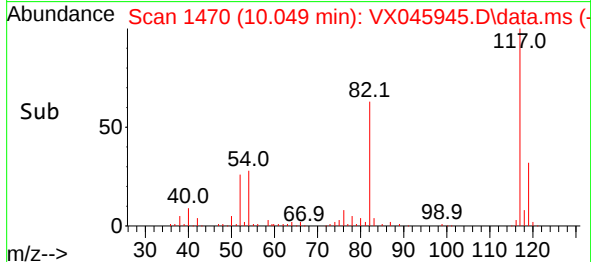
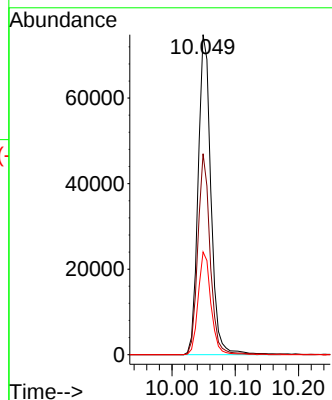
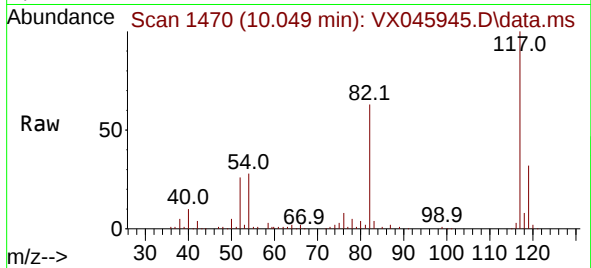




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045945.D
Acq: 28 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBL01

Tgt Ion:117 Resp: 105311
Ion Ratio Lower Upper
117 100
82 62.8 49.2 73.8
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045945.D
Acq: 28 Apr 2025 10:44

Tgt Ion:152 Resp: 40604
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 159.5 0.0 349.4

