

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045623.D
 Acq On : 07 Apr 2025 12:56
 Operator : JC/MD
 Sample : Q1741-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-040425

Quant Time: Apr 08 01:35:07 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	5.550	168	67197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66962	54.491	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.980%
35) Dibromofluoromethane	5.385	113	48604	51.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.440%
50) Toluene-d8	8.647	98	164082	49.544	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.080%
62) 4-Bromofluorobenzene	11.079	95	60987	50.556	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.120%

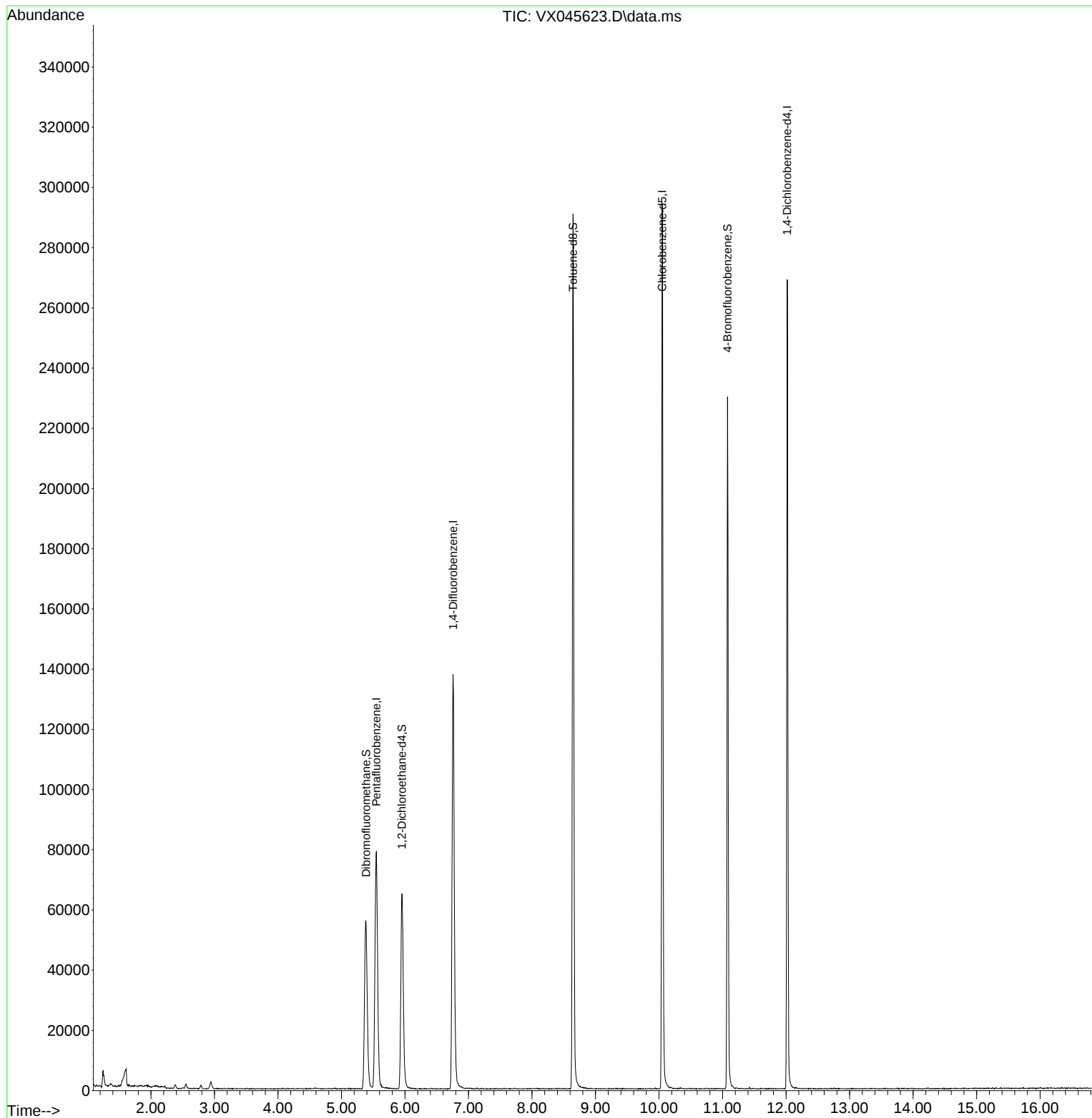
Target Compounds	Qvalue

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

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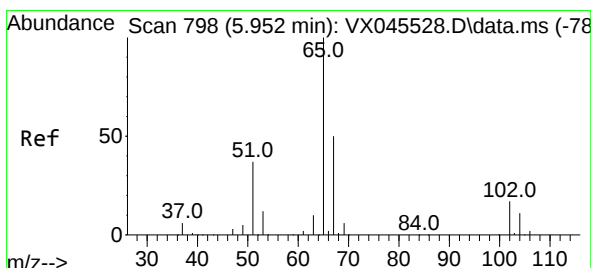
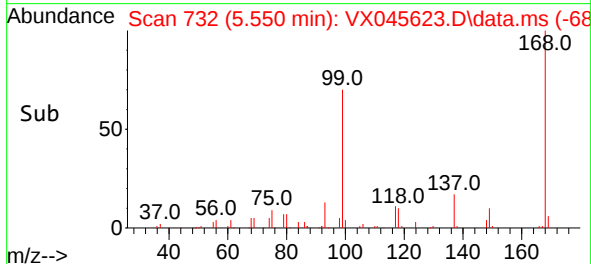
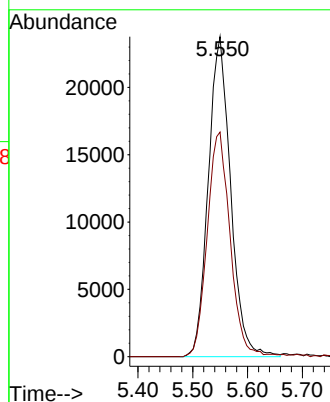
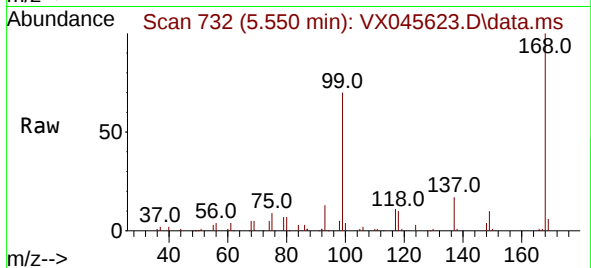




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045623.D
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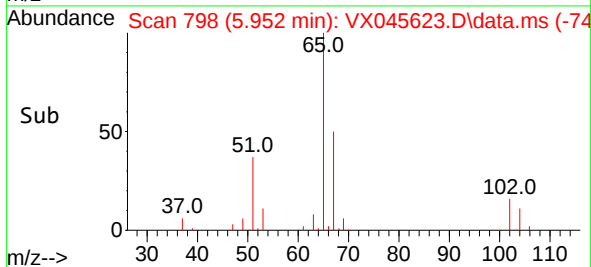
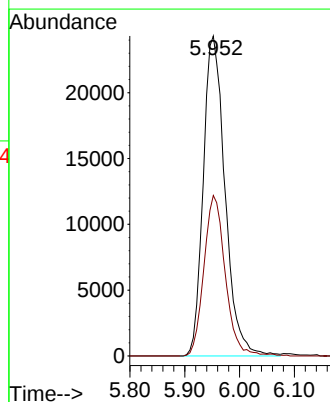
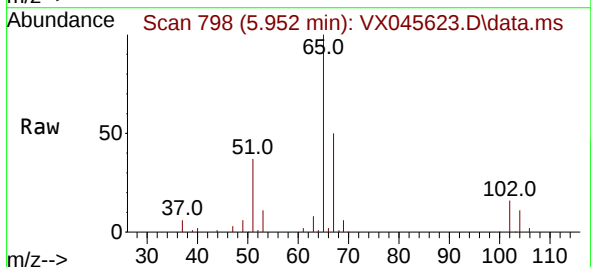
Instrument :
MSVOA_X
ClientSampleId :
FB01-040425

Tgt Ion:168 Resp: 67197
Ion Ratio Lower Upper
168 100
99 70.2 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.491 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

Tgt Ion: 65 Resp: 66962
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

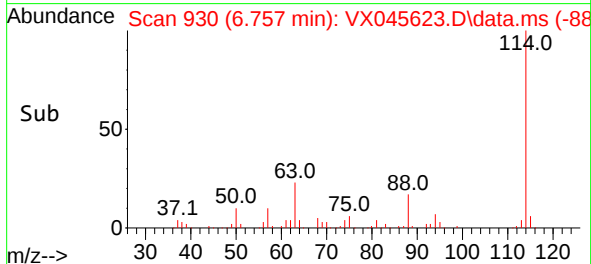
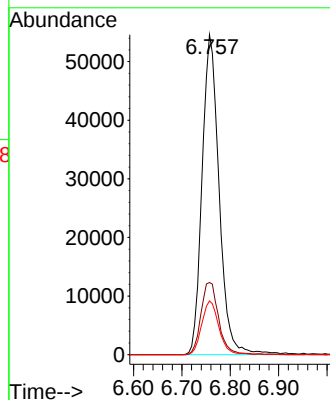
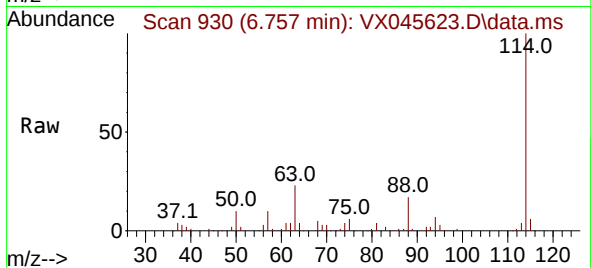




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

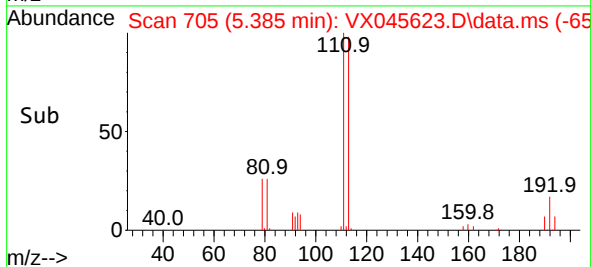
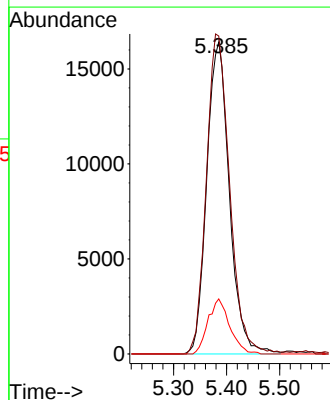
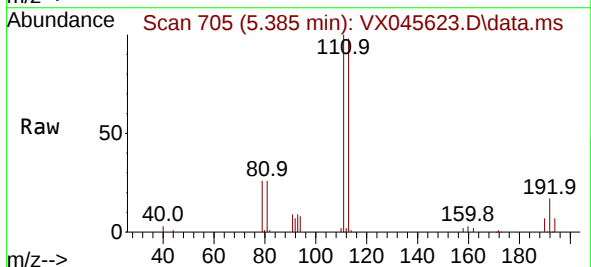
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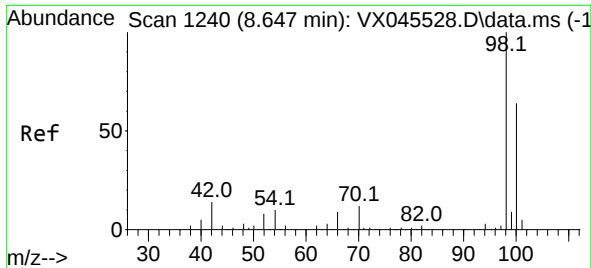
Tgt Ion:114 Resp: 133734
Ion Ratio Lower Upper
114 100
63 22.5 0.0 46.8
88 16.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.224 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

Tgt Ion:113 Resp: 48604
Ion Ratio Lower Upper
113 100
111 105.3 81.8 122.6
192 17.0 13.8 20.6

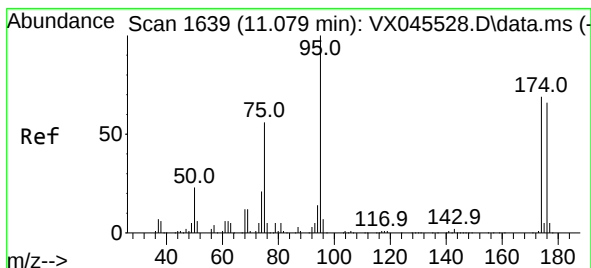
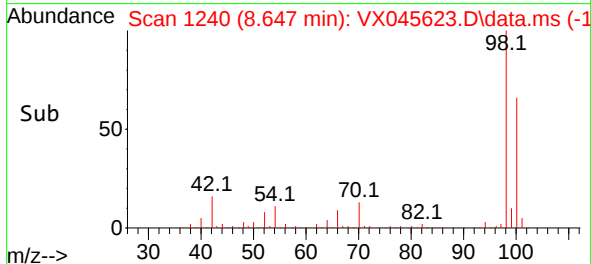
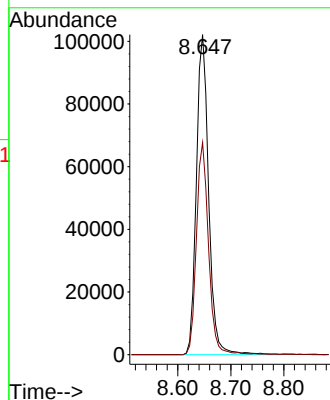
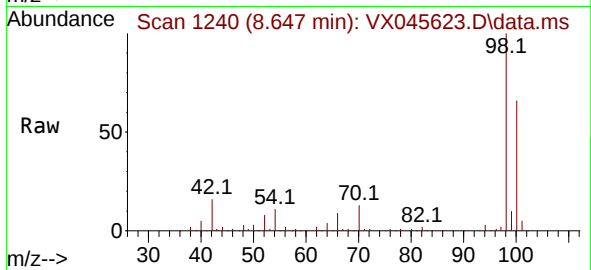




#50
Toluene-d8
Concen: 49.544 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

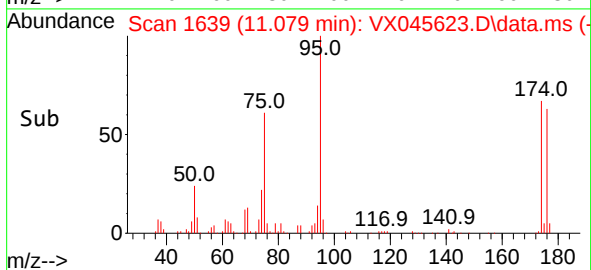
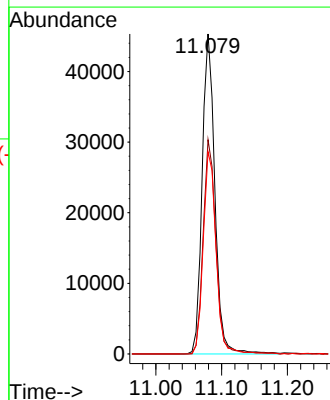
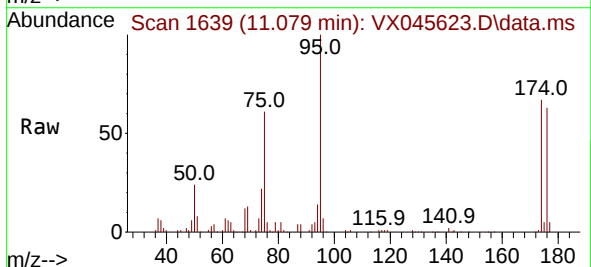
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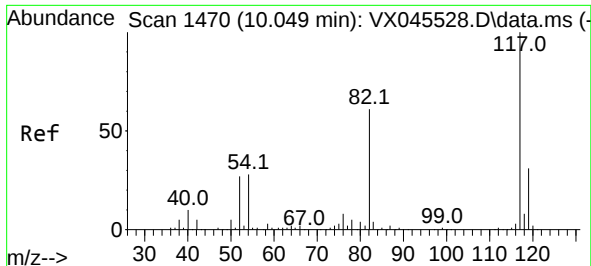
Tgt Ion: 98 Resp: 164082
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

Tgt Ion: 95 Resp: 60987
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 63.5 0.0 131.4

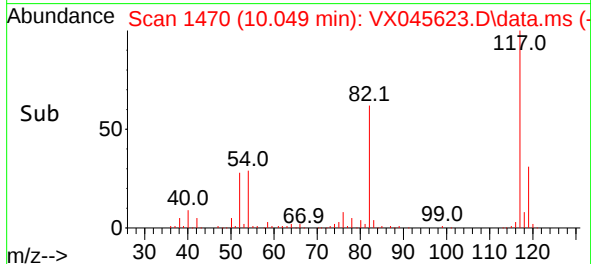
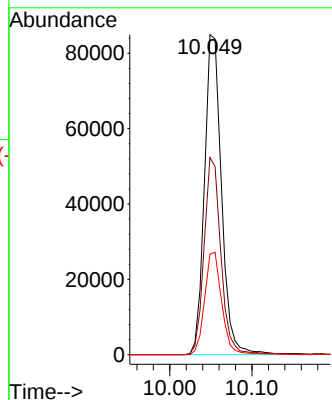
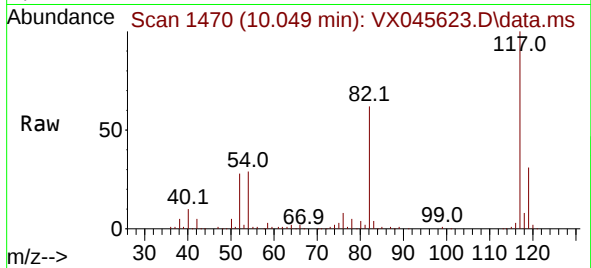




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

Instrument :
MSVOA_X
ClientSampleId :
FB01-040425

Tgt Ion:117 Resp: 122752
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 31.4 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: VX045623.D
Acq: 07 Apr 2025 12:56

Tgt Ion:152 Resp: 49856
Ion Ratio Lower Upper
152 100
115 64.7 46.9 140.7
150 154.7 0.0 349.4

