

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047289.D
 Acq On : 12 Aug 2025 12:22
 Operator : JC/MD
 Sample : Q2812-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Aug 13 01:45:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	333831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	624193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	297055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	217571	52.320	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.640%
35) Dibromofluoromethane	5.397	113	186606	48.419	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	8.647	98	671382	53.792	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.580%
62) 4-Bromofluorobenzene	11.079	95	282793	52.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.160%

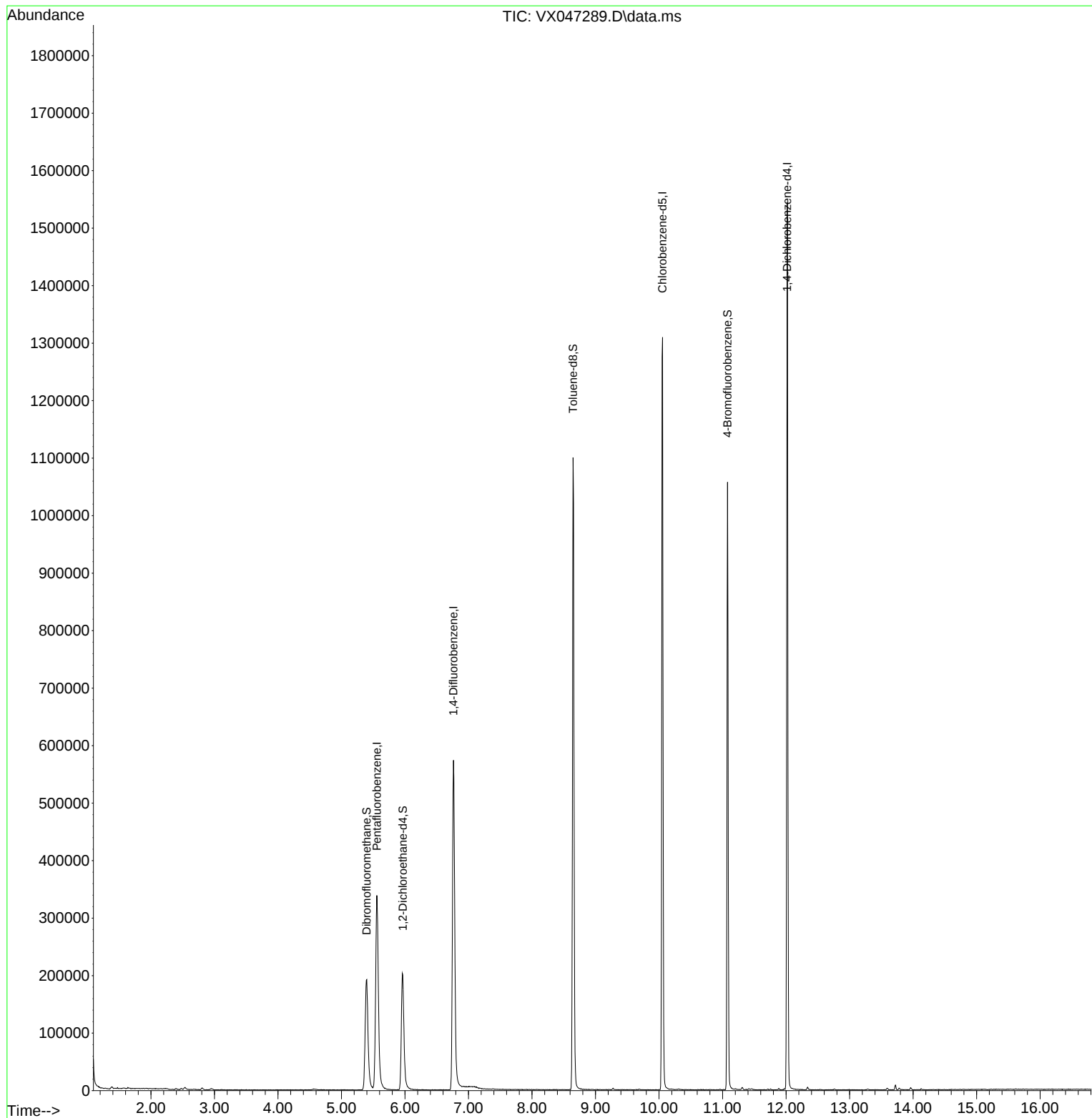
Target Compounds	Qvalue

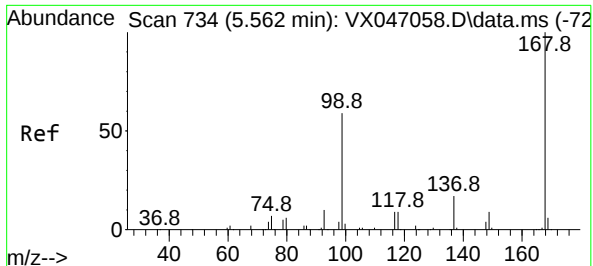
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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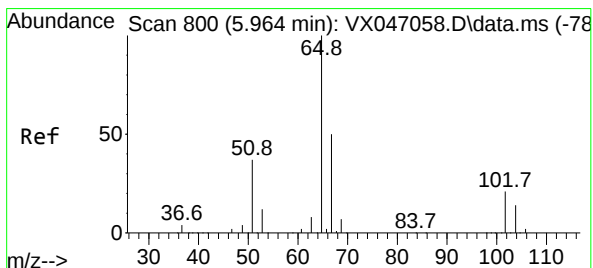
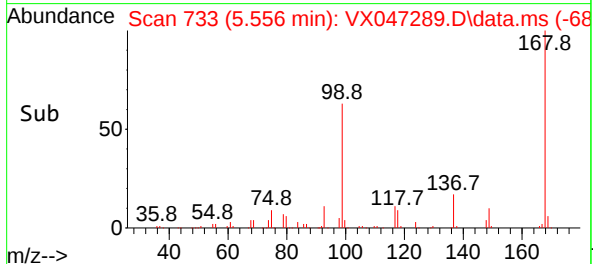
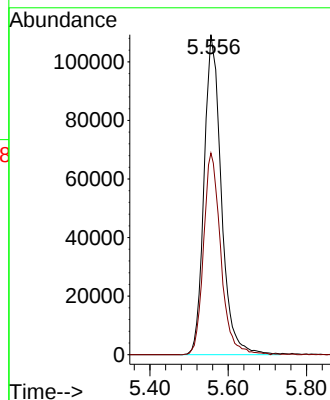
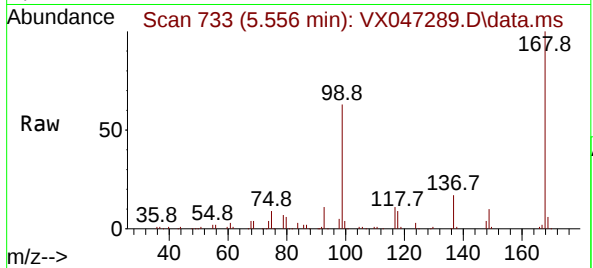




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047289.D
Acq: 12 Aug 2025 12:22

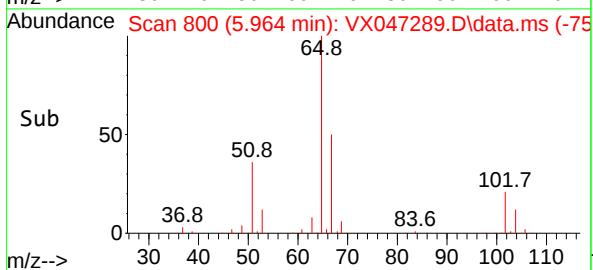
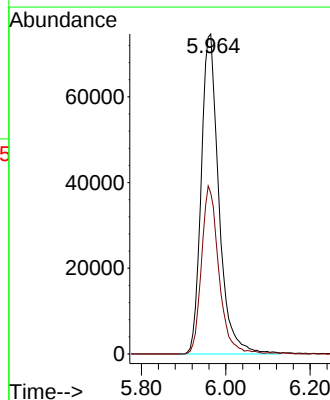
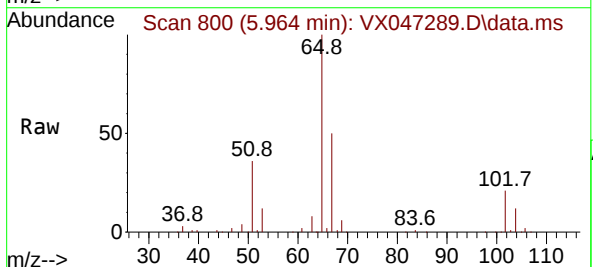
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

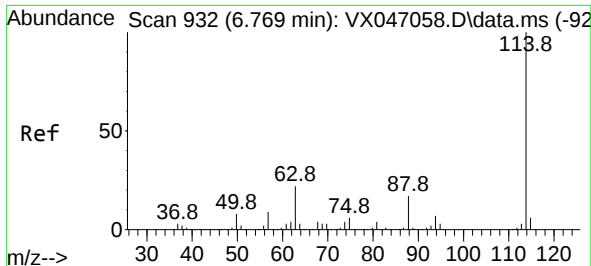
Tgt Ion:168 Resp: 333831
Ion Ratio Lower Upper
168 100
99 63.0 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 52.320 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047289.D
Acq: 12 Aug 2025 12:22

Tgt Ion: 65 Resp: 217571
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

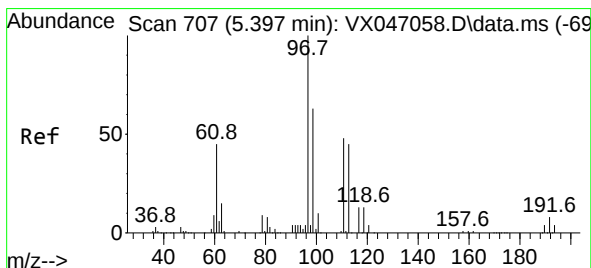
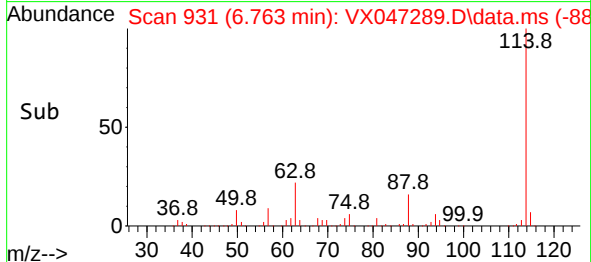
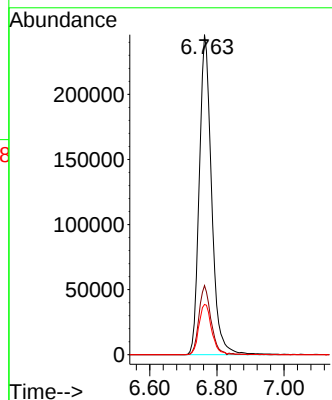
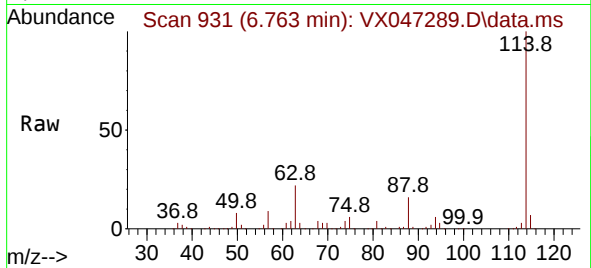




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047289.D
Acq: 12 Aug 2025 12:22

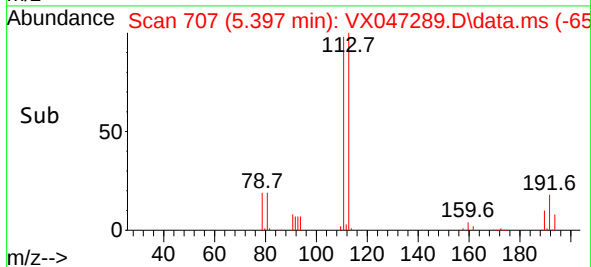
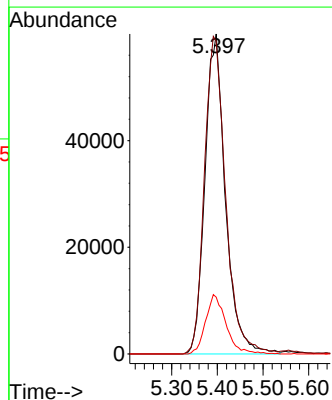
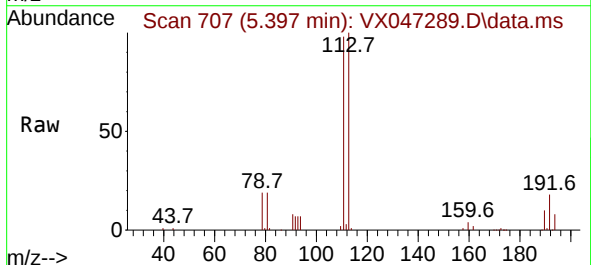
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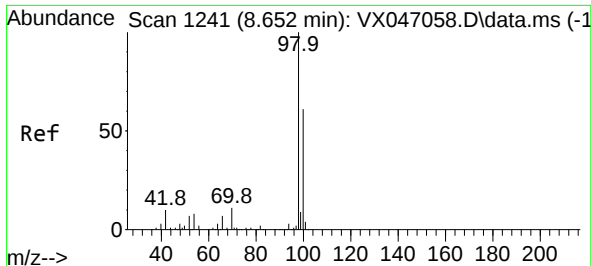
Tgt Ion:114 Resp: 624193
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 15.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.419 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047289.D
Acq: 12 Aug 2025 12:22

Tgt Ion:113 Resp: 186606
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.5 14.9 22.3

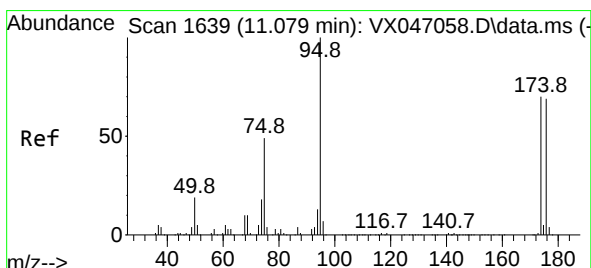
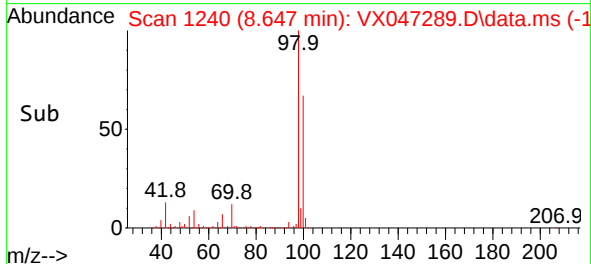
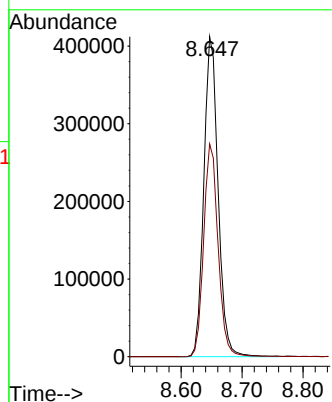
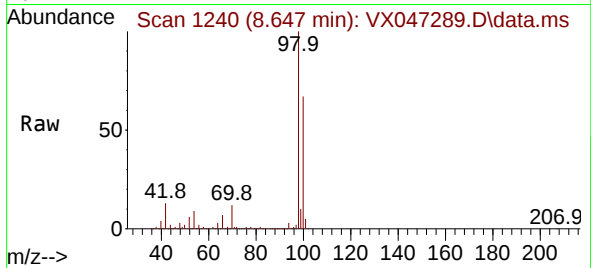




#50
Toluene-d8
Concen: 53.792 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047289.D
Acq: 12 Aug 2025 12:22

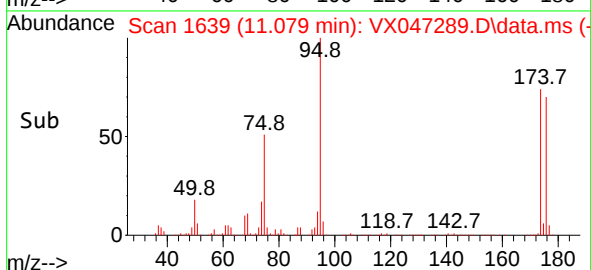
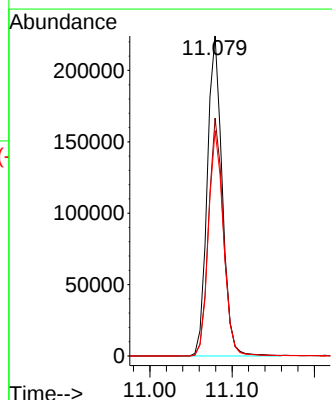
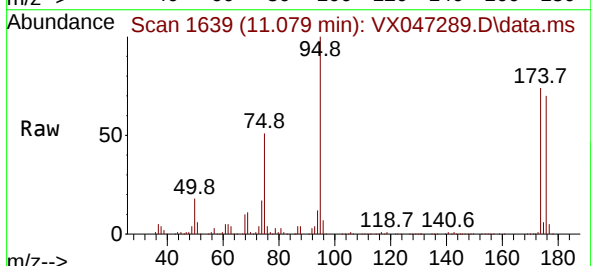
Instrument :
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ClientSampleId :
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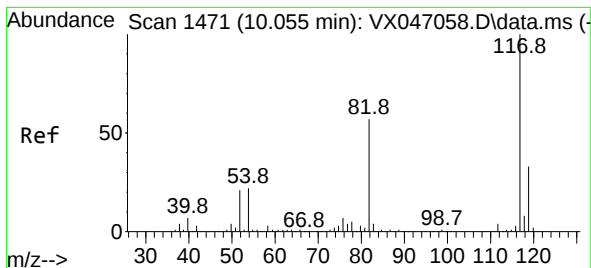
Tgt Ion: 98 Resp: 671382
Ion Ratio Lower Upper
98 100
100 67.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047289.D
Acq: 12 Aug 2025 12:22

Tgt Ion: 95 Resp: 282793
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.6
176 71.2 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047289.D

Acq: 12 Aug 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

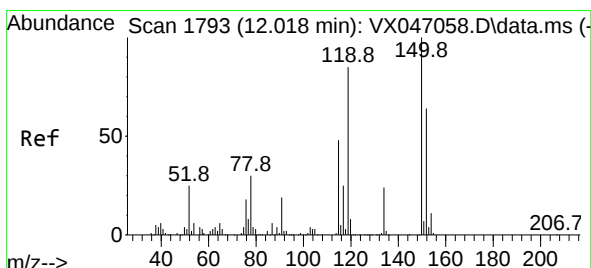
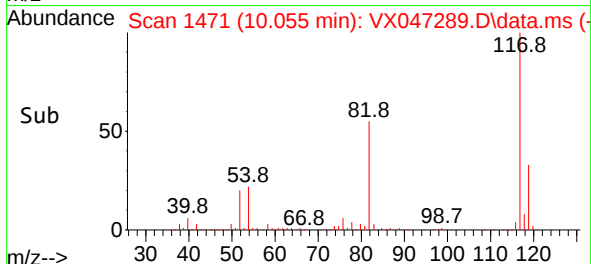
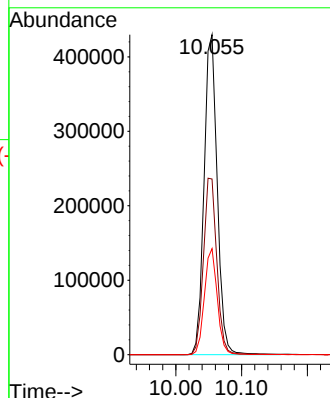
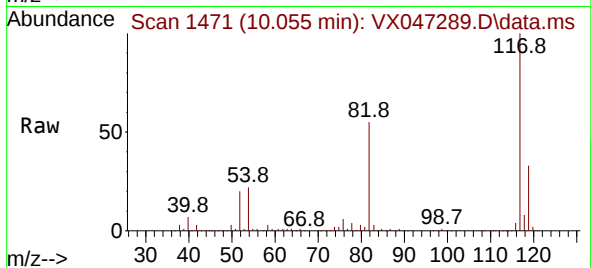
Tgt Ion:117 Resp: 598203

Ion Ratio Lower Upper

117 100

82 54.9 45.4 68.2

119 33.1 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047289.D

Acq: 12 Aug 2025 12:22

Tgt Ion:152 Resp: 297055

Ion Ratio Lower Upper

152 100

115 63.3 45.6 136.7

150 160.6 0.0 354.6

