

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047046.D
 Acq On : 18 Jul 2025 13:57
 Operator : JC/MD
 Sample : Q2581-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 19 04:24:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	451320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	806366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	758303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	363144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	320003	53.670	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.340%
35) Dibromofluoromethane	5.391	113	265823	48.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.120%
50) Toluene-d8	8.653	98	968487	50.149	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.300%
62) 4-Bromofluorobenzene	11.079	95	388421	52.920	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.840%

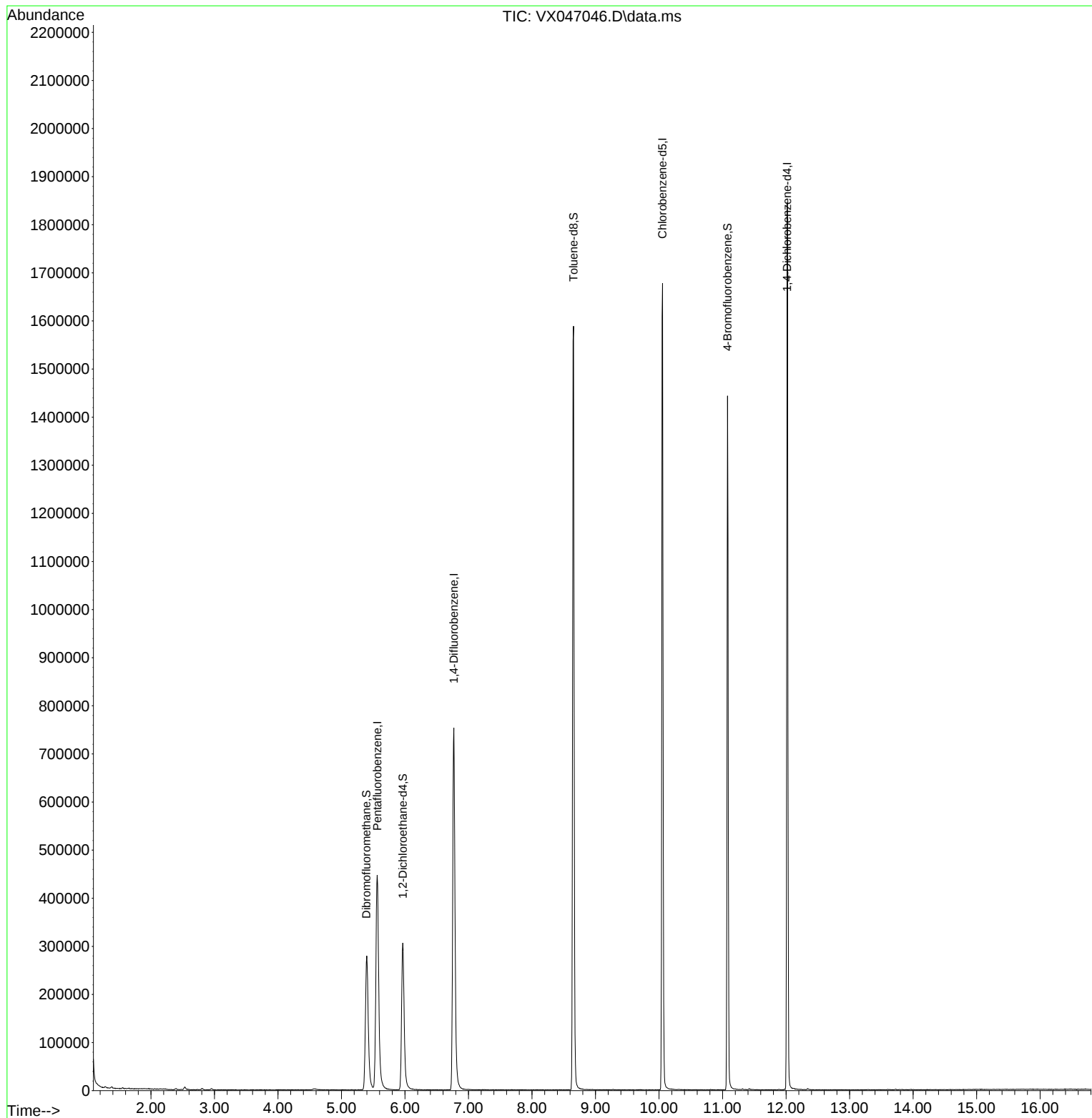
Target Compounds	Qvalue

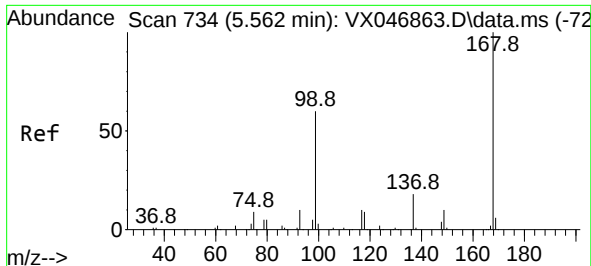
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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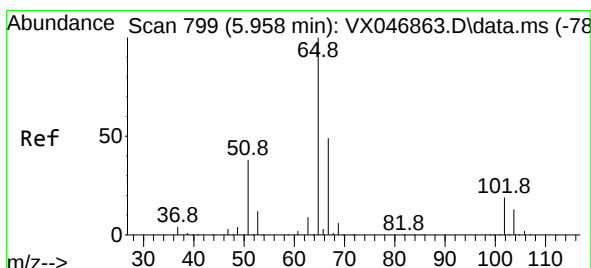
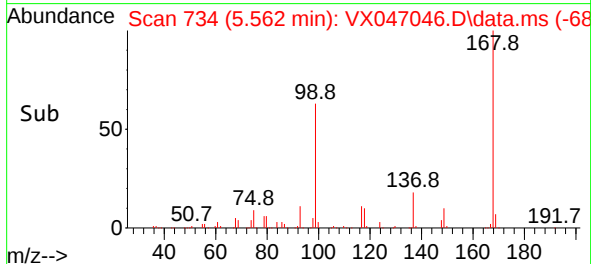
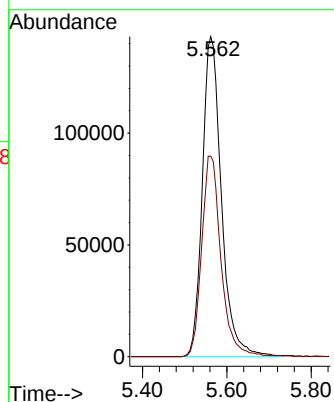
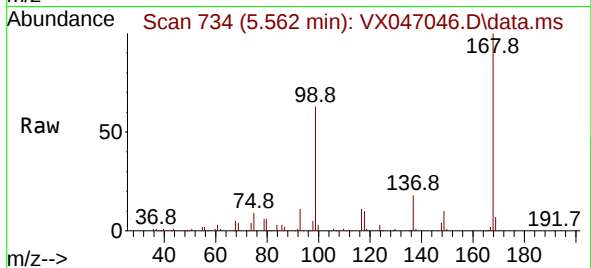




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047046.D
Acq: 18 Jul 2025 13:57

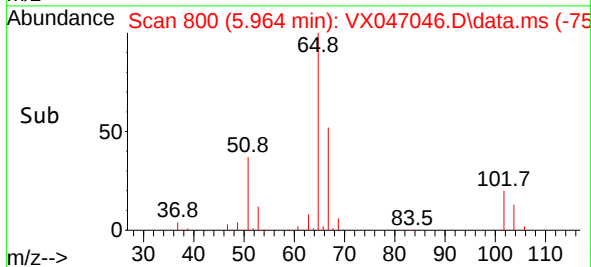
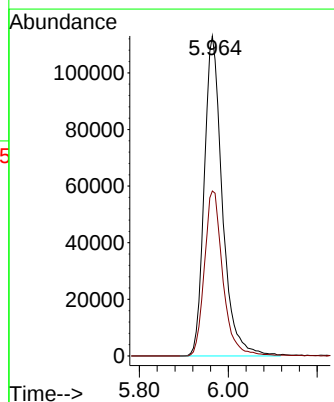
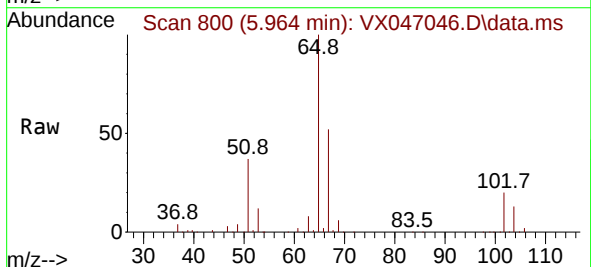
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

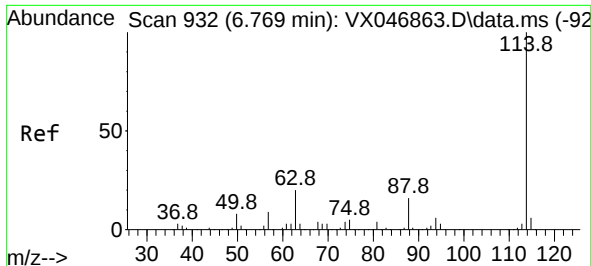
Tgt Ion:168 Resp: 451320
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.670 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047046.D
Acq: 18 Jul 2025 13:57

Tgt Ion: 65 Resp: 320003
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2

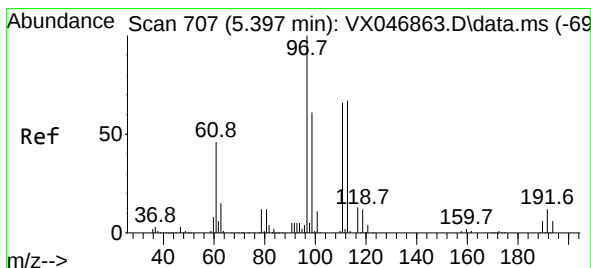
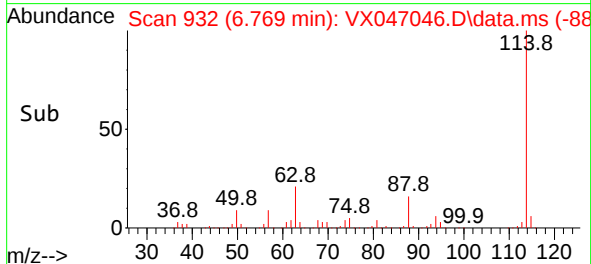
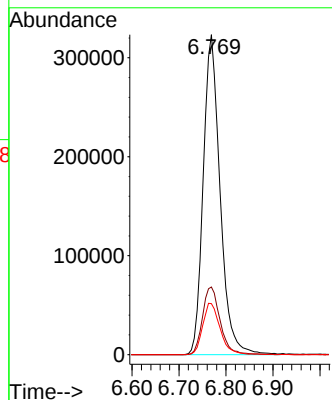
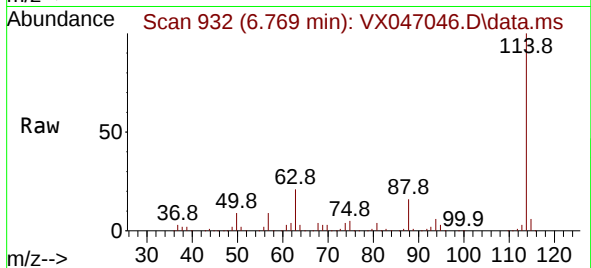




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047046.D
Acq: 18 Jul 2025 13:57

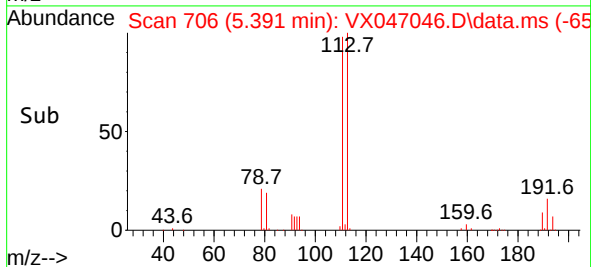
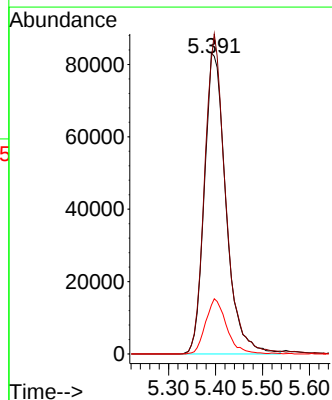
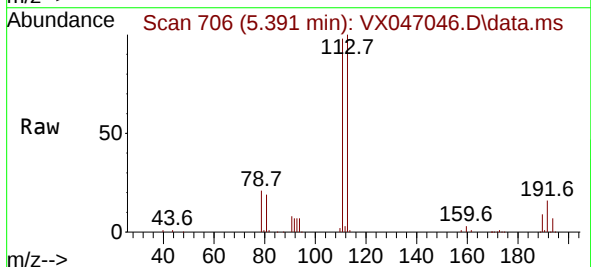
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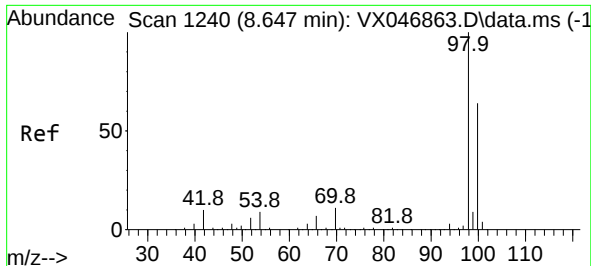
Tgt Ion:114 Resp: 806366
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.4
88 15.9 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.564 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047046.D
Acq: 18 Jul 2025 13:57

Tgt Ion:113 Resp: 265823
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 17.8 15.3 22.9

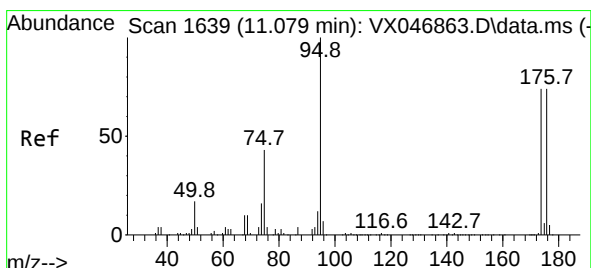
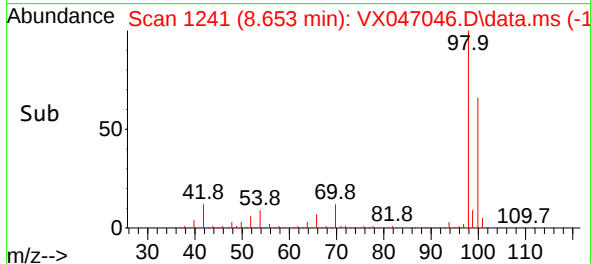
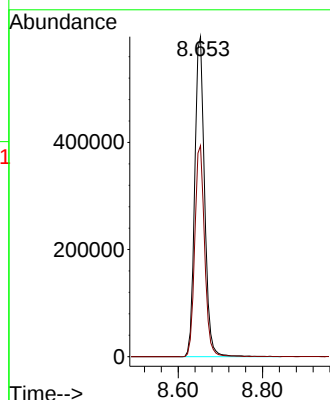
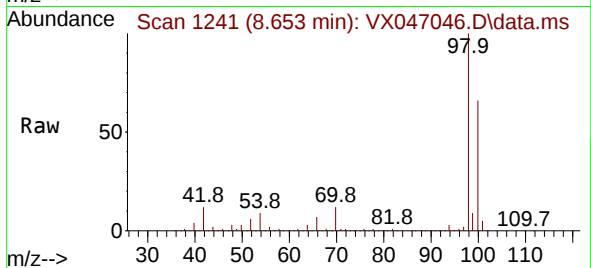




#50
Toluene-d8
Concen: 50.149 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047046.D
Acq: 18 Jul 2025 13:57

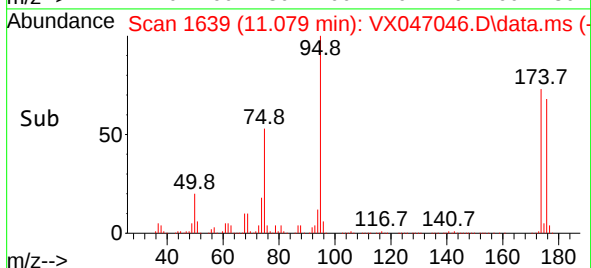
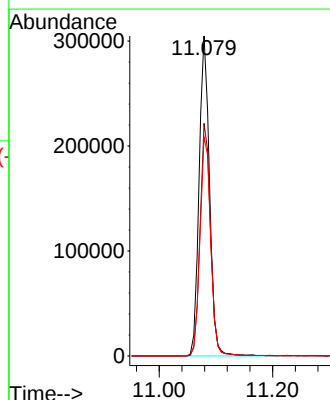
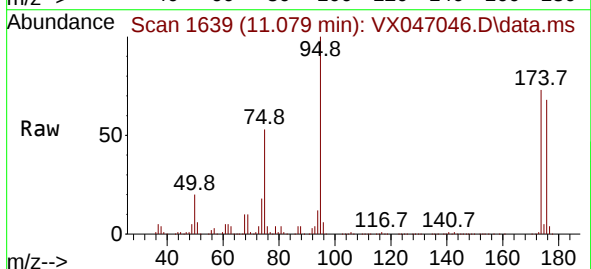
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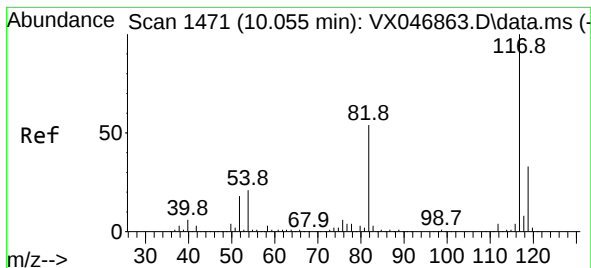
Tgt Ion: 98 Resp: 968487
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 52.920 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047046.D
Acq: 18 Jul 2025 13:57

Tgt Ion: 95 Resp: 388421
Ion Ratio Lower Upper
95 100
174 73.3 0.0 152.0
176 70.2 0.0 145.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX047046.D

Acq: 18 Jul 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

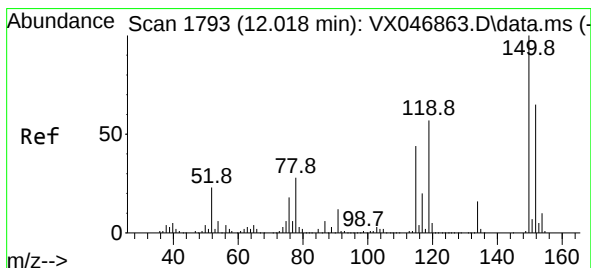
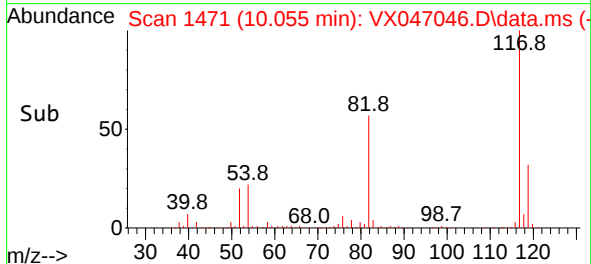
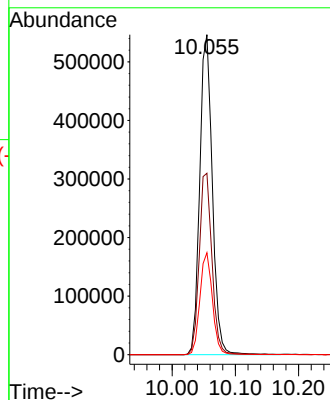
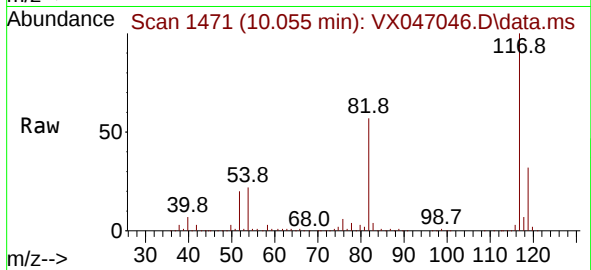
Tgt Ion:117 Resp: 758303

Ion Ratio Lower Upper

117 100

82 56.7 43.3 64.9

119 31.9 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX047046.D

Acq: 18 Jul 2025 13:57

Tgt Ion:152 Resp: 363144

Ion Ratio Lower Upper

152 100

115 62.1 42.4 127.1

150 158.6 0.0 349.2

