

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047373.D
 Acq On : 18 Aug 2025 11:50
 Operator : JC/MD
 Sample : VX0818WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0818WBL01

Quant Time: Aug 19 01:38:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	325331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	630884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	620229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	309313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	246116	54.054	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.100%
35) Dibromofluoromethane	5.391	113	208435	50.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.820%
50) Toluene-d8	8.647	98	734400	50.182	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.360%
62) 4-Bromofluorobenzene	11.079	95	302912	56.089	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.180%

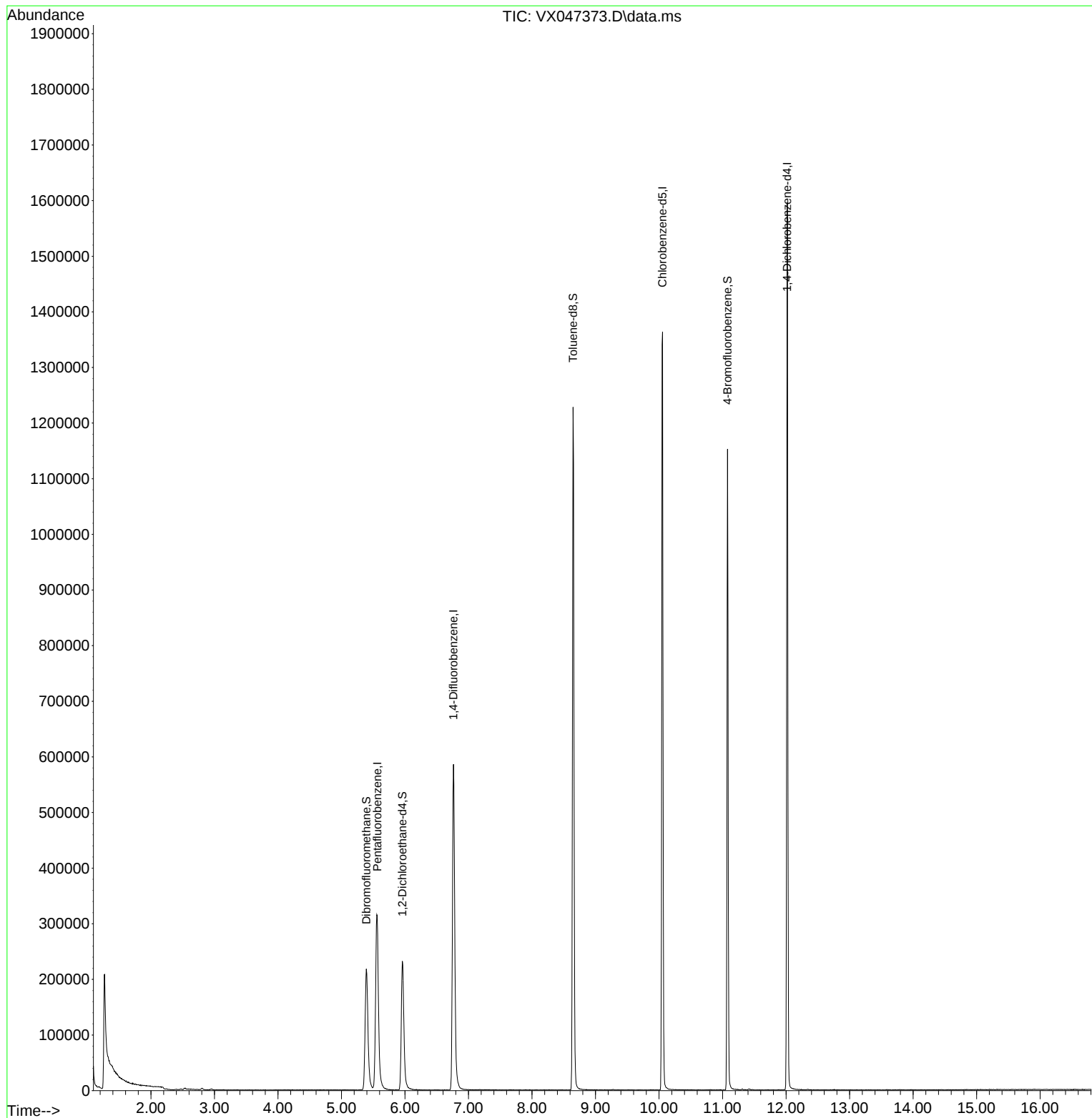
Target Compounds	Qvalue

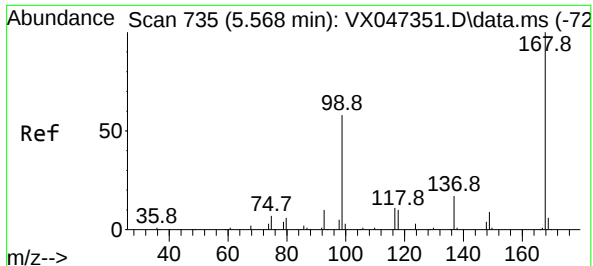
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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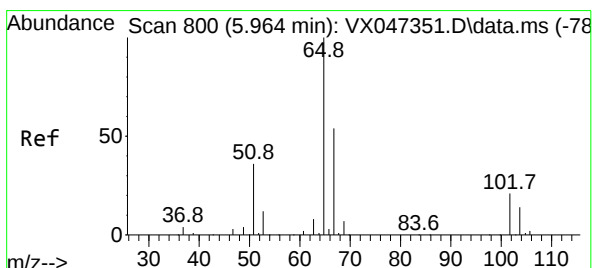
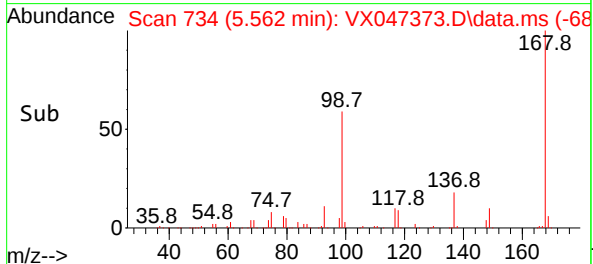
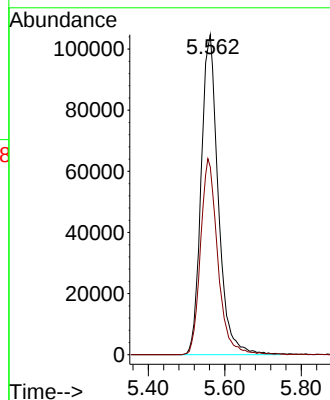
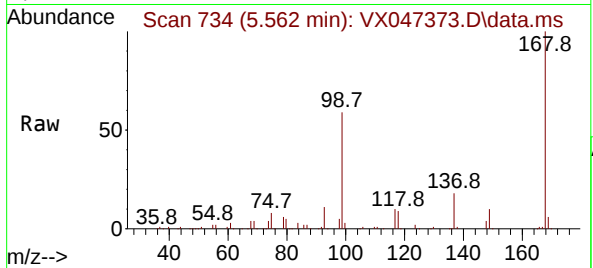




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

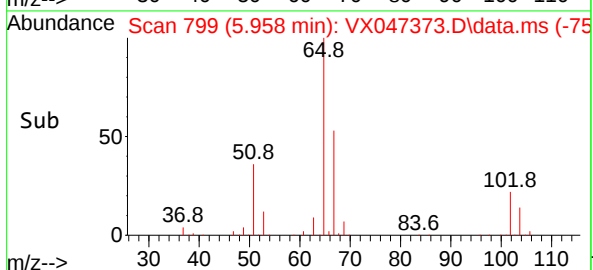
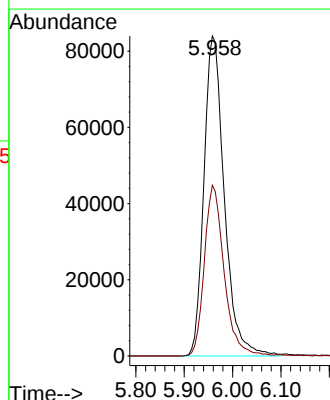
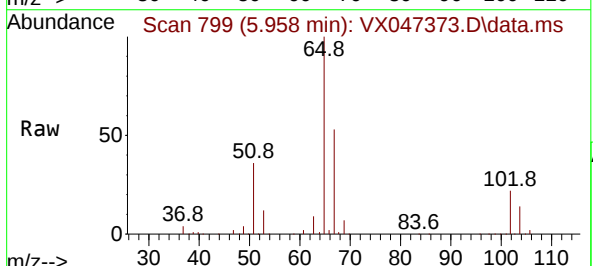
Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

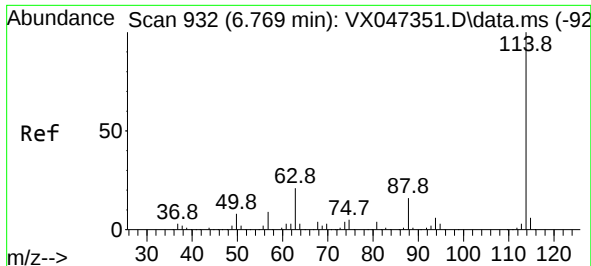
Tgt Ion:168 Resp: 325331
Ion Ratio Lower Upper
168 100
99 58.7 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 54.054 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

Tgt Ion: 65 Resp: 246116
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0

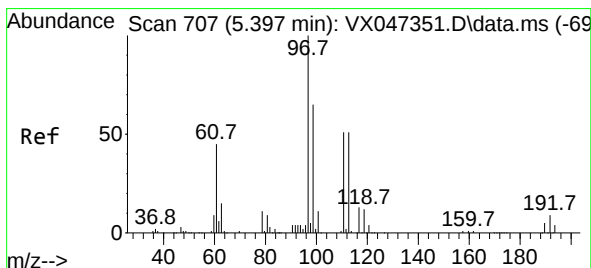
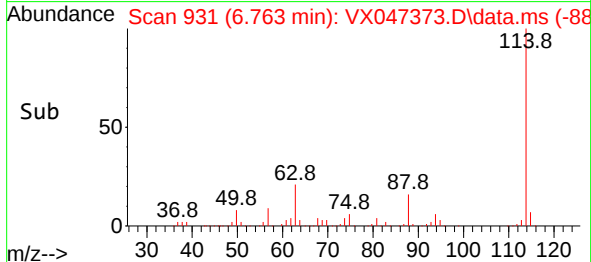
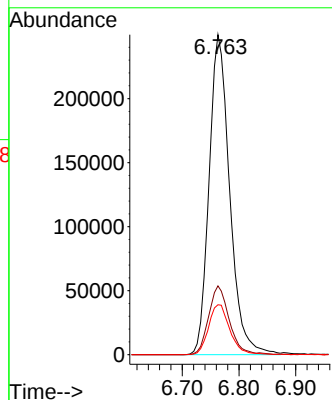
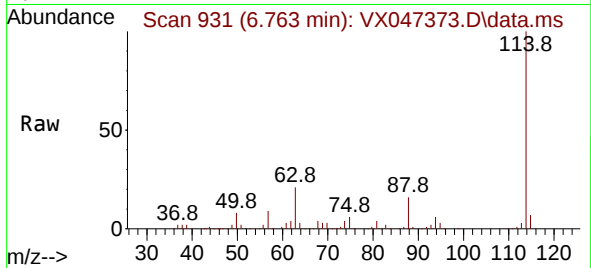




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

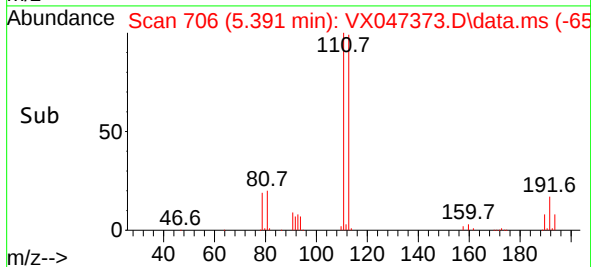
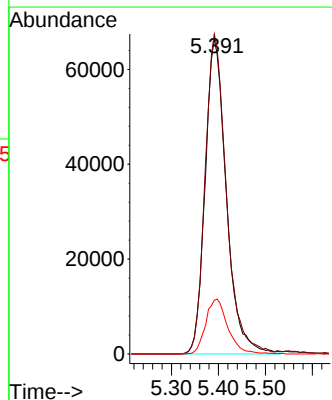
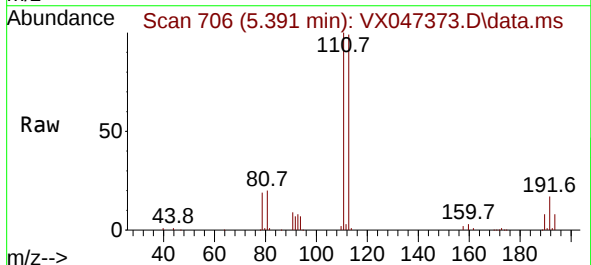
Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

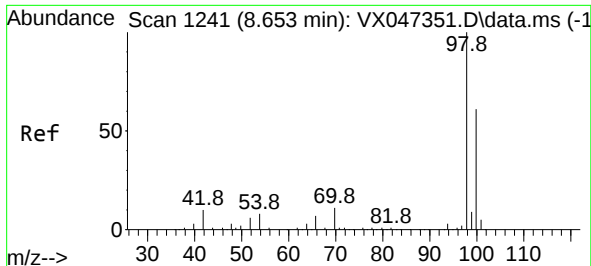
Tgt Ion:114 Resp: 630884
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 15.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.906 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

Tgt Ion:113 Resp: 208435
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.2
192 18.2 14.1 21.1

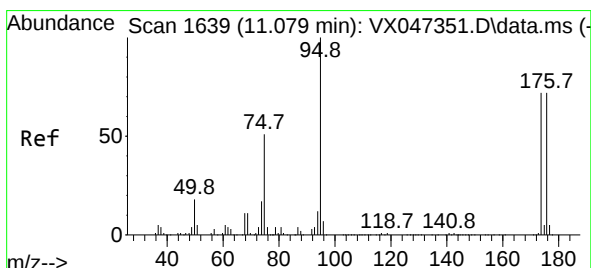
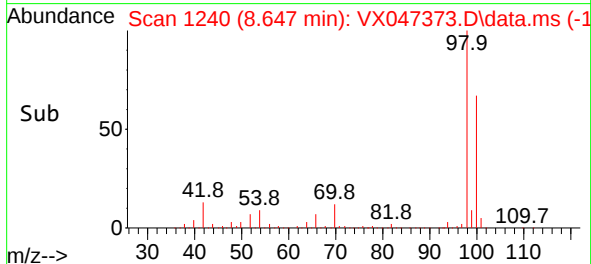
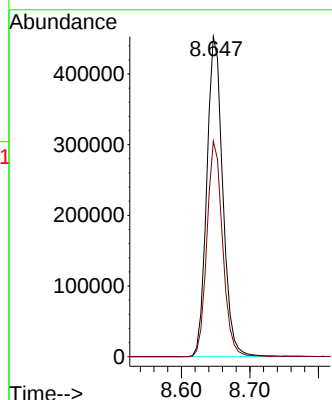
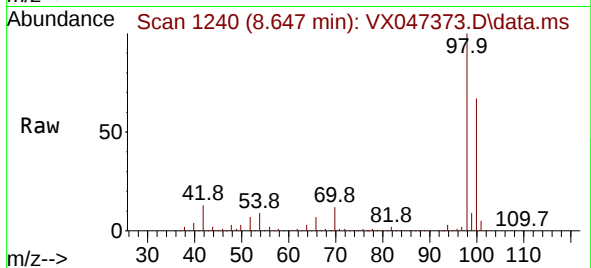




#50
Toluene-d8
Concen: 50.182 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

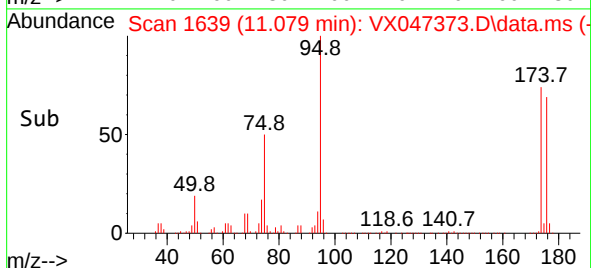
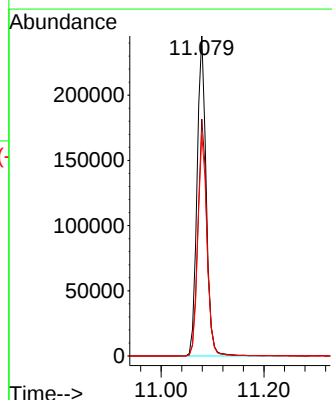
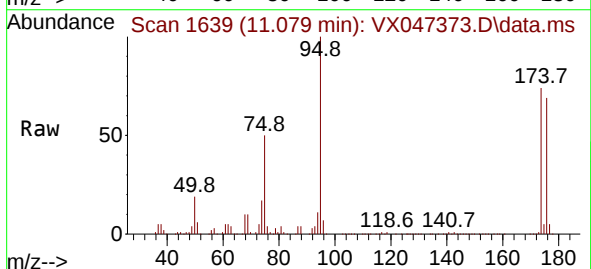
Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

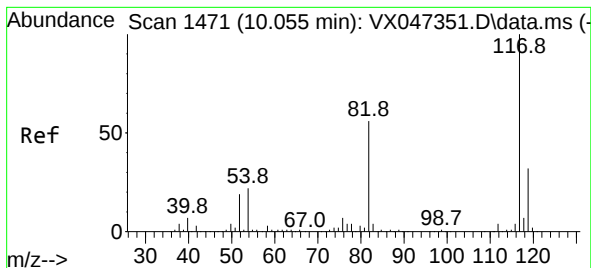
Tgt Ion: 98 Resp: 734400
Ion Ratio Lower Upper
98 100
100 66.5 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 56.089 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

Tgt Ion: 95 Resp: 302912
Ion Ratio Lower Upper
95 100
174 73.2 0.0 148.0
176 69.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX047373.D

Acq: 18 Aug 2025 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0818WBL01

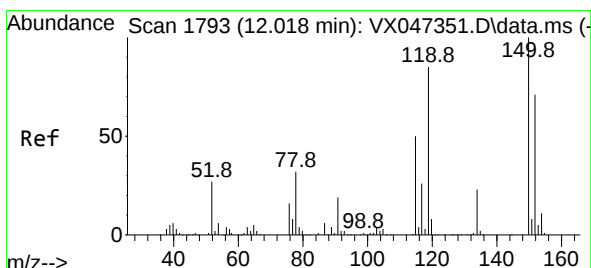
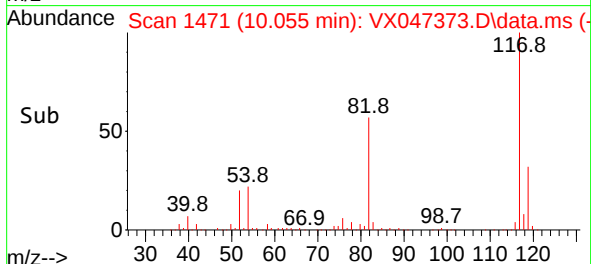
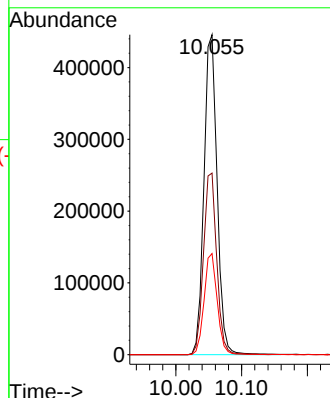
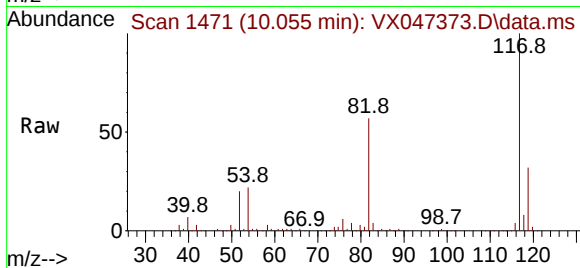
Tgt Ion:117 Resp: 620229

Ion Ratio Lower Upper

117 100

82 56.7 45.0 67.4

119 31.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX047373.D

Acq: 18 Aug 2025 11:50

Tgt Ion:152 Resp: 309313

Ion Ratio Lower Upper

152 100

115 62.8 44.6 133.8

150 157.1 0.0 349.8

