

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047124.D
 Acq On : 24 Jul 2025 16:37
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 25 01:26:14 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	5.562	168	356374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	660591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	656103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	342547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	272537	61.392	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	122.780%#
35) Dibromofluoromethane	5.397	113	222488	54.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.100%
50) Toluene-d8	8.653	98	813959	61.622	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	123.240%#
62) 4-Bromofluorobenzene	11.079	95	354390	62.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	124.520%#

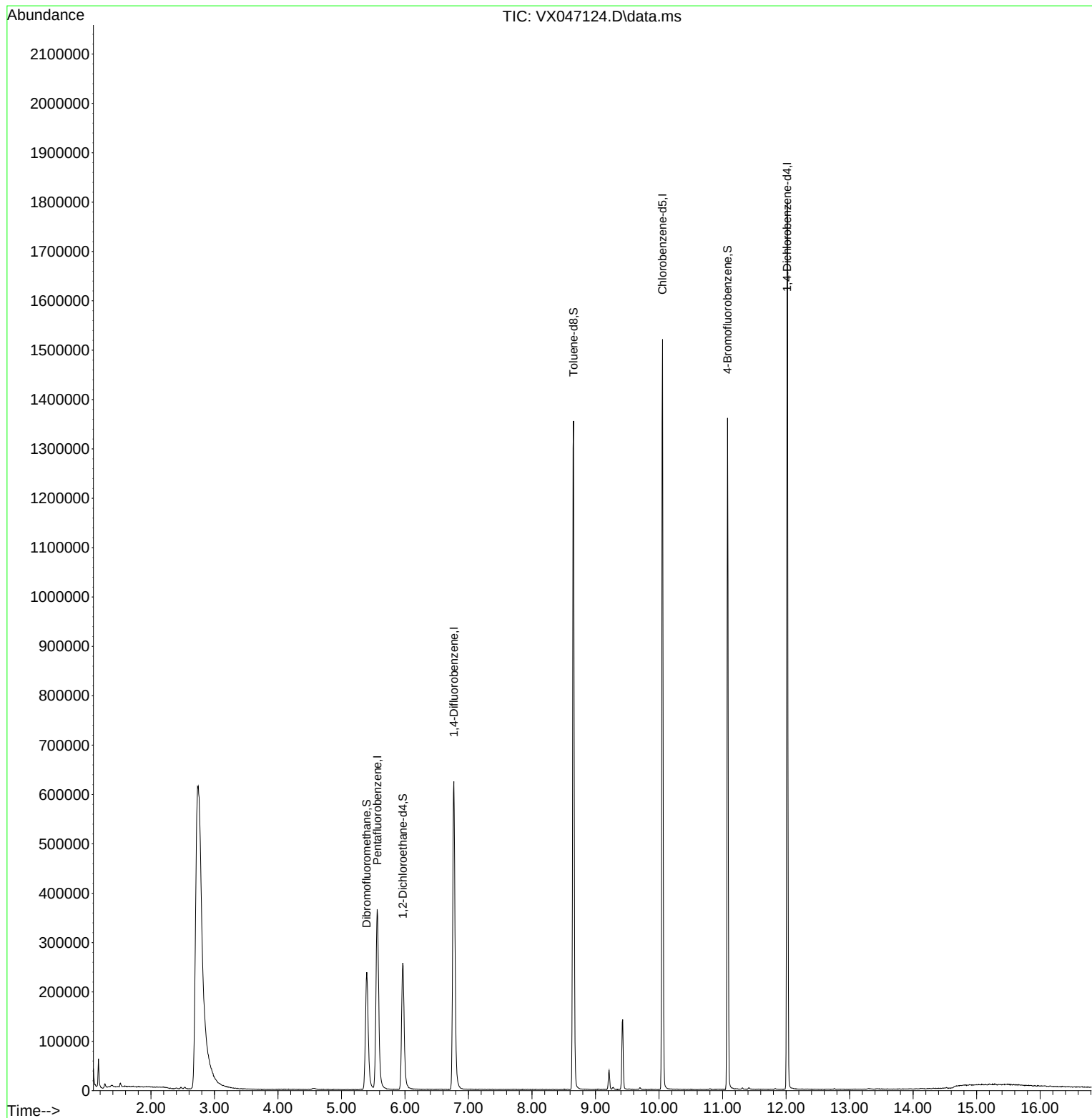
Target Compounds	Qvalue

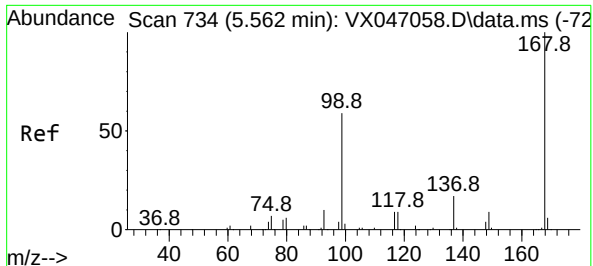
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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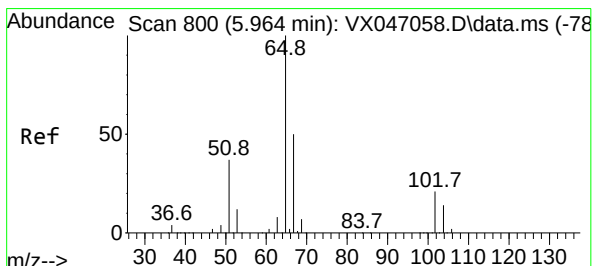
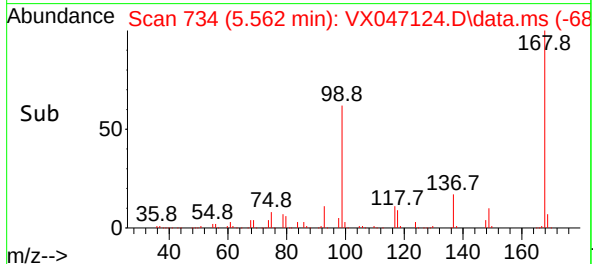
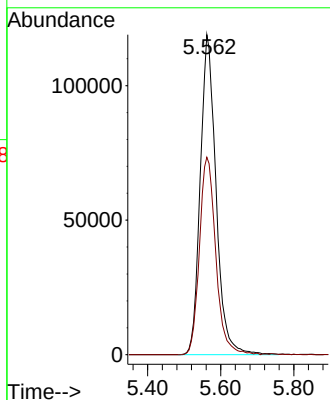
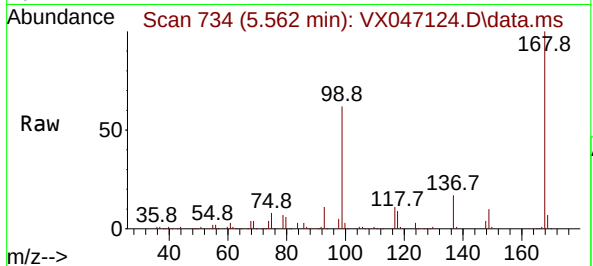




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. 0.000 min
Lab File: VX047124.D
Acq: 24 Jul 2025 16:37

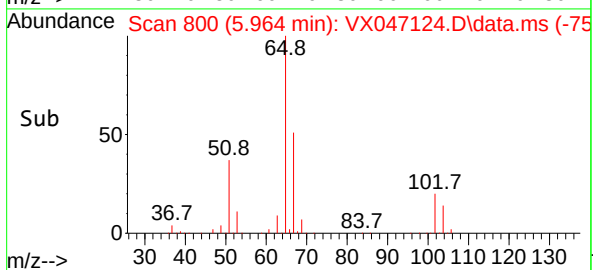
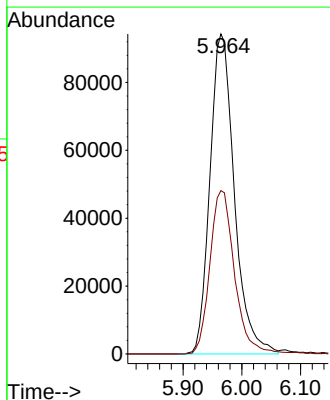
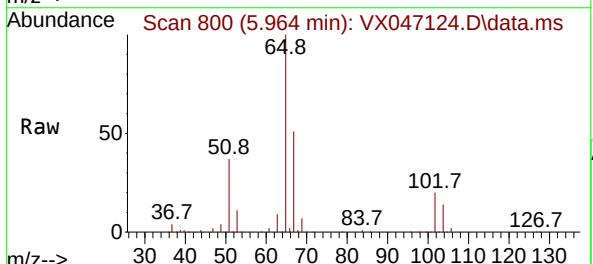
Instrument :
MSVOA_X
ClientSampleId :
IBLK

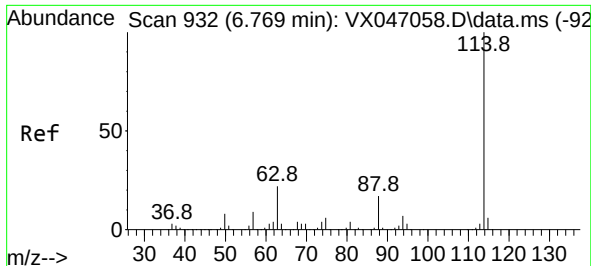
Tgt Ion:168 Resp: 356374
Ion Ratio Lower Upper
168 100
99 61.7 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 61.392 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047124.D
Acq: 24 Jul 2025 16:37

Tgt Ion: 65 Resp: 272537
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

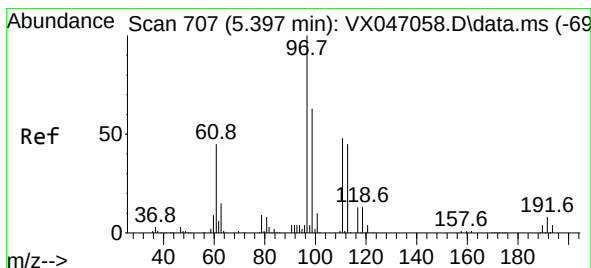
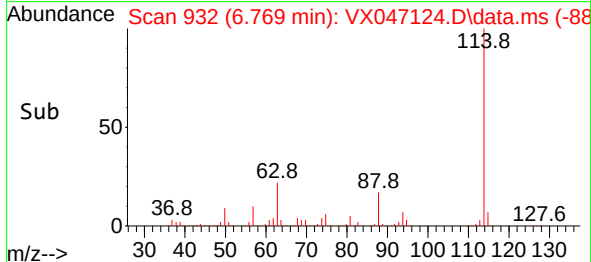
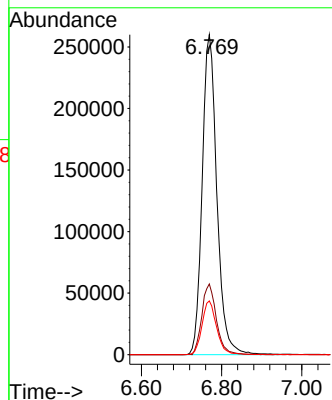
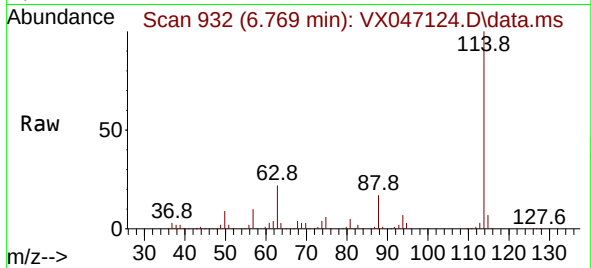




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047124.D
Acq: 24 Jul 2025 16:37

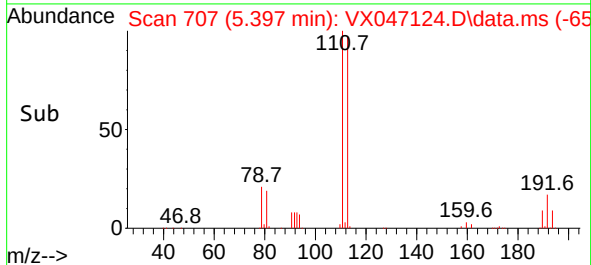
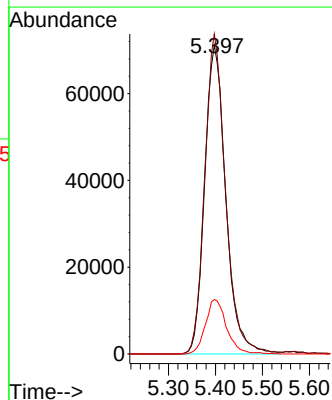
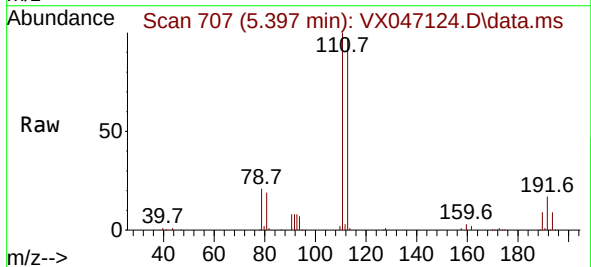
Instrument :
MSVOA_X
ClientSampleId :
IBLK

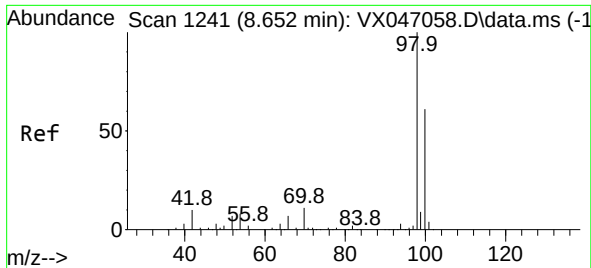
Tgt Ion:114 Resp: 660591
Ion Ratio Lower Upper
114 100
63 25.2 0.0 43.2
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 54.549 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047124.D
Acq: 24 Jul 2025 16:37

Tgt Ion:113 Resp: 222488
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 17.7 14.9 22.3

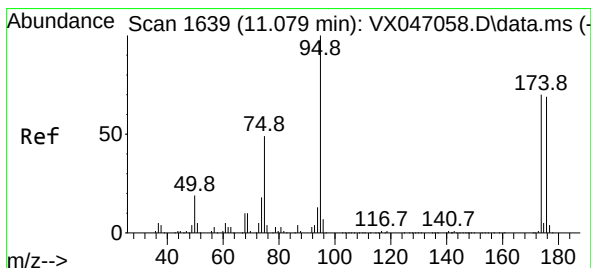
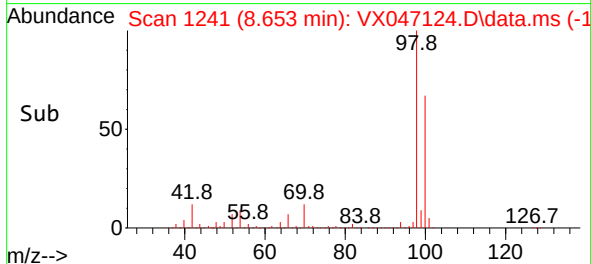
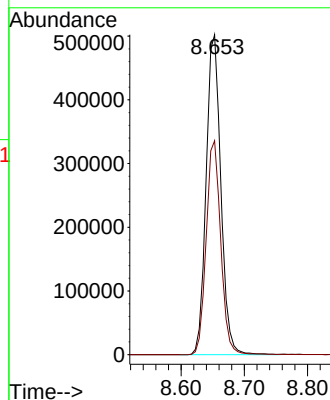
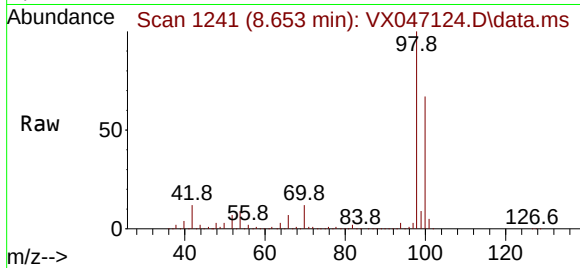




#50
Toluene-d8
Concen: 61.622 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047124.D
Acq: 24 Jul 2025 16:37

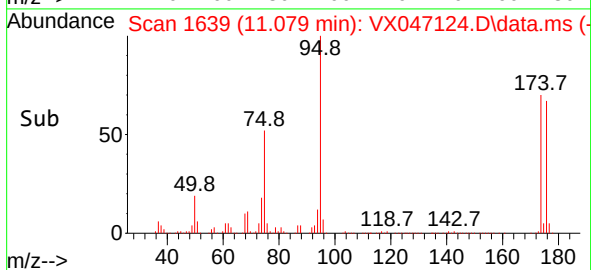
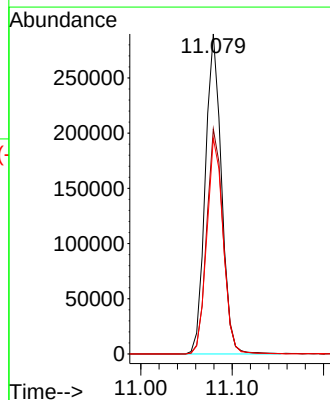
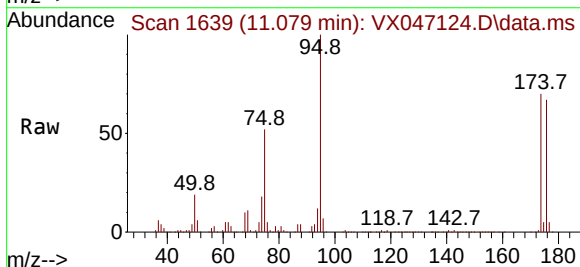
Instrument :
MSVOA_X
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IBLK

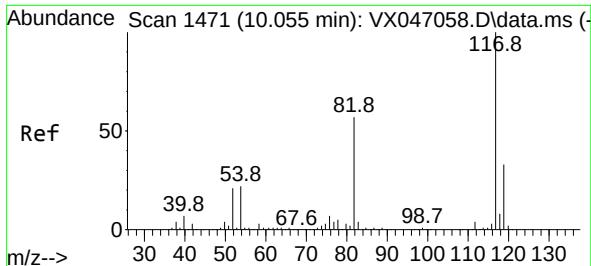
Tgt Ion: 98 Resp: 813959
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 62.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047124.D
Acq: 24 Jul 2025 16:37

Tgt Ion: 95 Resp: 354390
Ion Ratio Lower Upper
95 100
174 71.4 0.0 144.6
176 68.5 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: VX047124.D

Acq: 24 Jul 2025 16:37

Instrument :

MSVOA_X

ClientSampleId :

IBLK

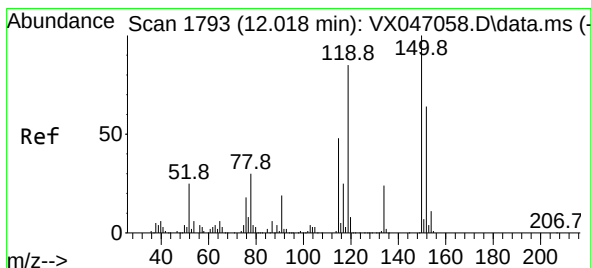
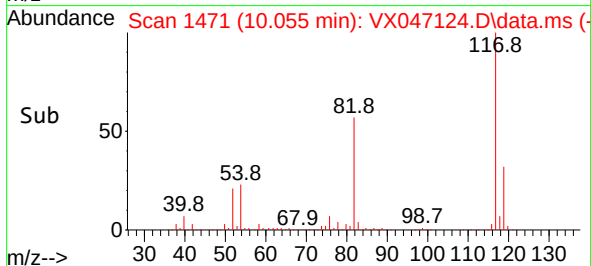
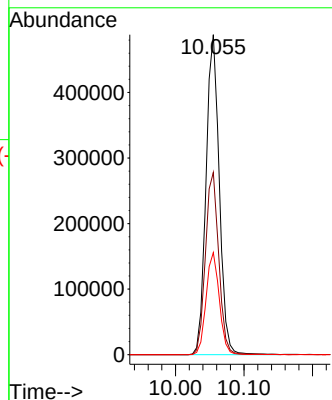
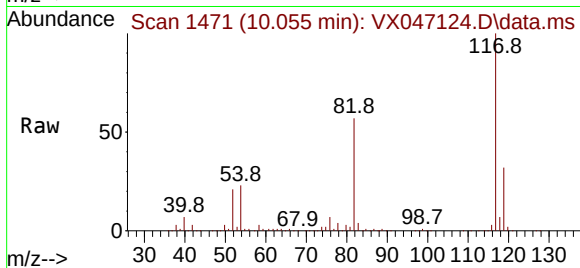
Tgt Ion:117 Resp: 656103

Ion Ratio Lower Upper

117 100

82 56.9 45.4 68.2

119 31.9 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: VX047124.D

Acq: 24 Jul 2025 16:37

Tgt Ion:152 Resp: 342547

Ion Ratio Lower Upper

152 100

115 63.5 45.6 136.7

150 158.5 0.0 354.6

