

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047564.D
 Acq On : 29 Aug 2025 12:42
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 29 23:53:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	284261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	570660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	562526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	283455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	229282	52.524	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.040%
35) Dibromofluoromethane	5.397	113	196503	50.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.340%
50) Toluene-d8	8.653	98	697476	50.805	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	286515	55.553	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.100%

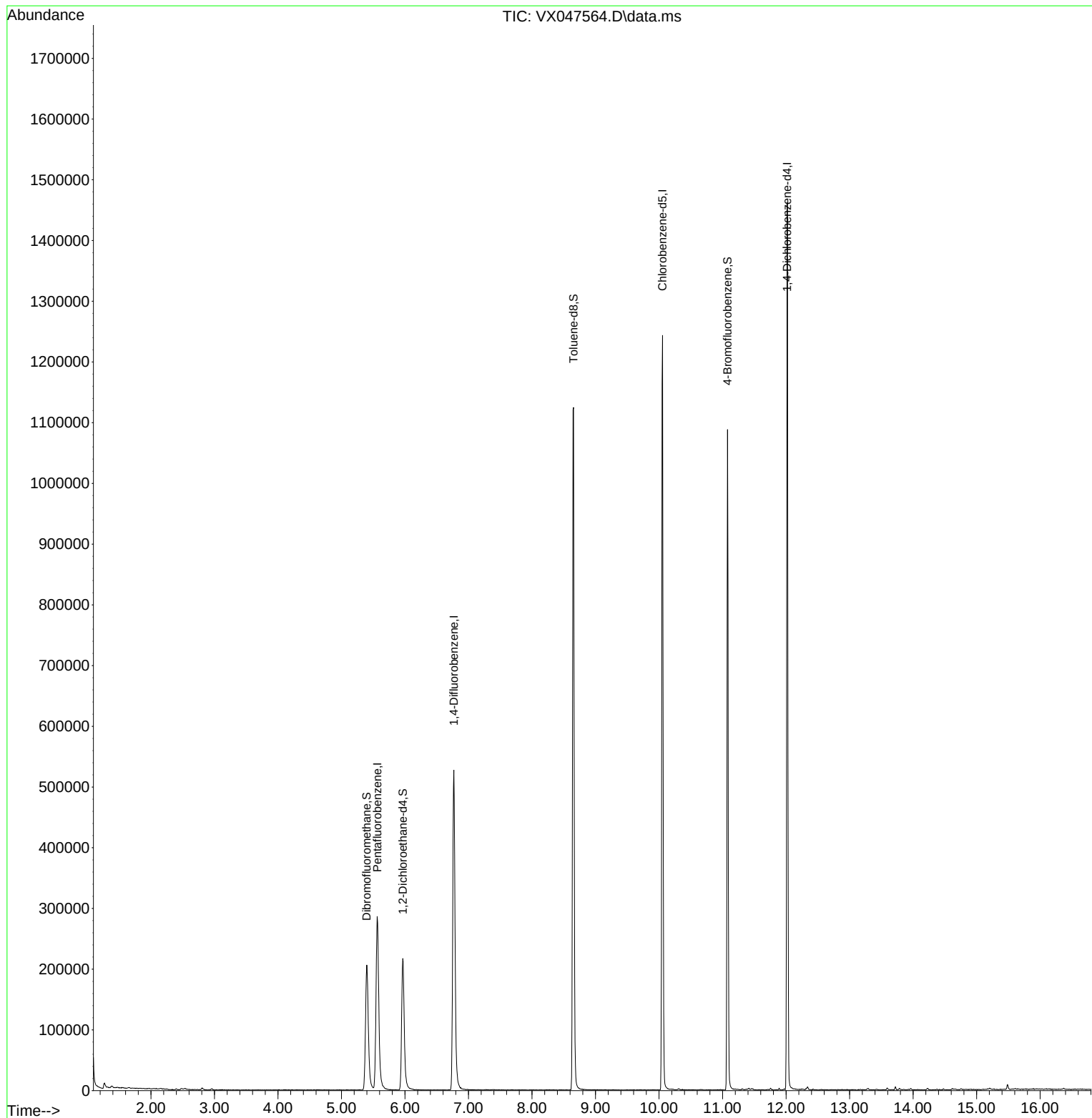
Target Compounds	Qvalue

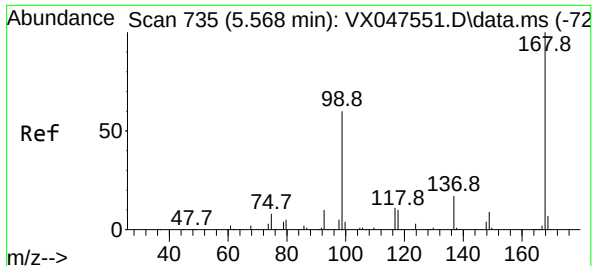
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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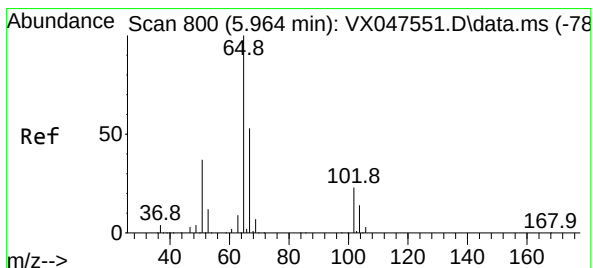
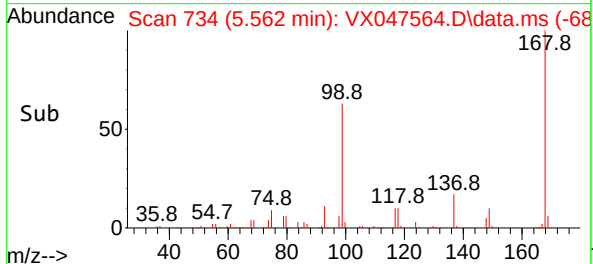
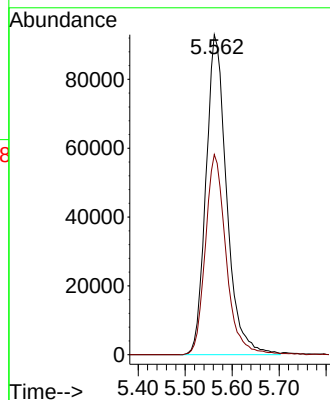
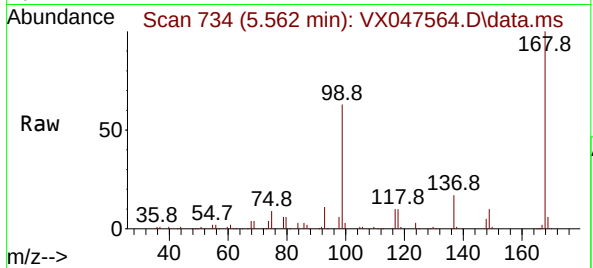




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047564.D
Acq: 29 Aug 2025 12:42

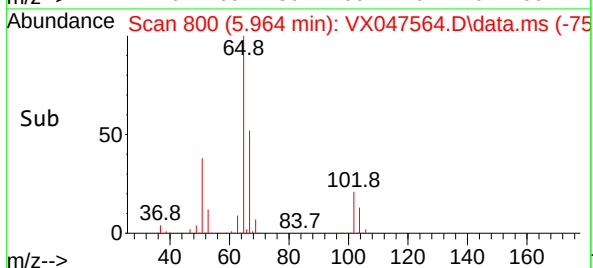
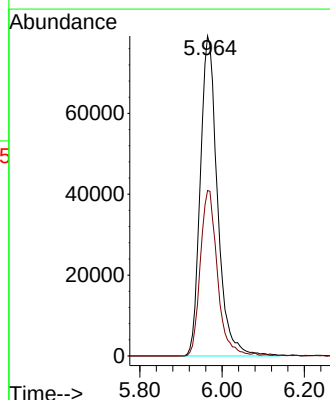
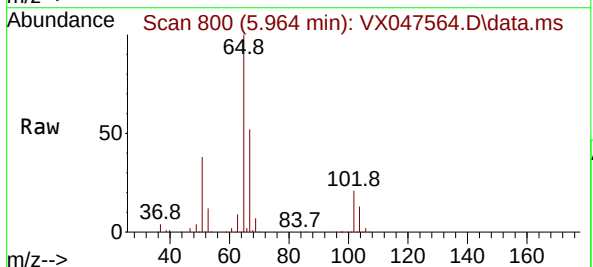
Instrument :
MSVOA_X
ClientSampleId :
IBLK

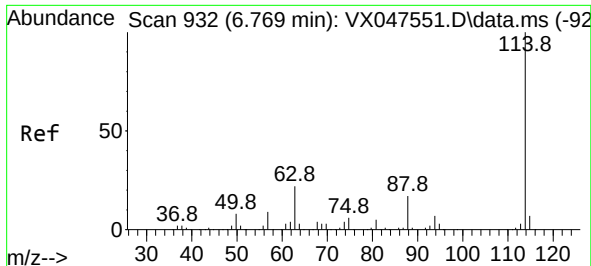
Tgt Ion:168 Resp: 284261
Ion Ratio Lower Upper
168 100
99 62.5 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 52.524 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047564.D
Acq: 29 Aug 2025 12:42

Tgt Ion: 65 Resp: 229282
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

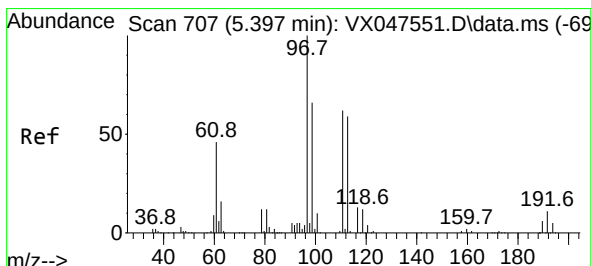
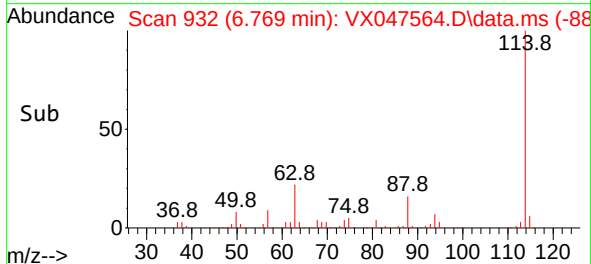
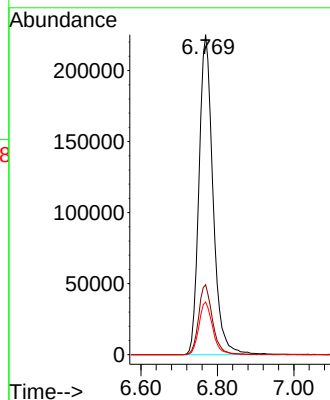
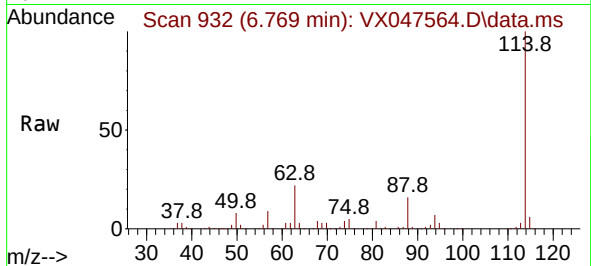




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047564.D
Acq: 29 Aug 2025 12:42

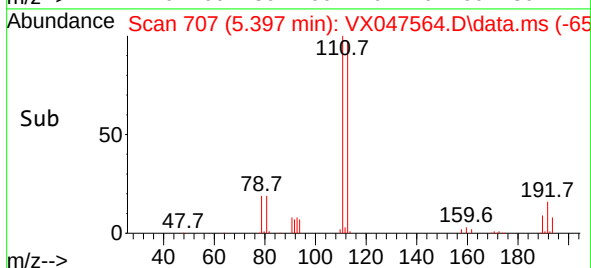
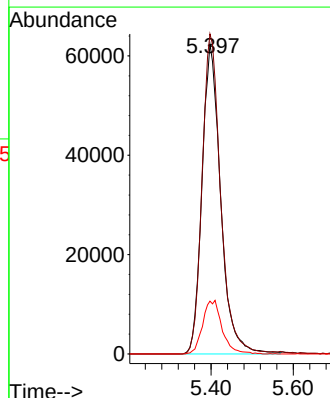
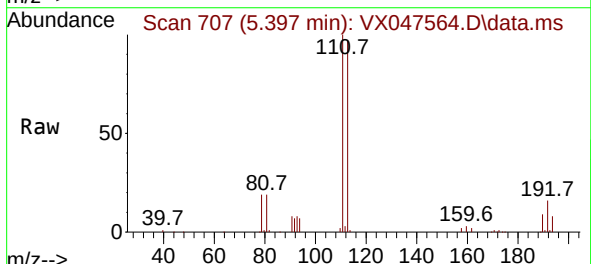
Instrument :
MSVOA_X
ClientSampleId :
IBLK

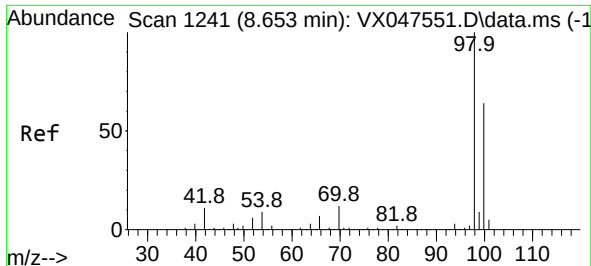
Tgt Ion:114 Resp: 570660
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.6
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.171 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047564.D
Acq: 29 Aug 2025 12:42

Tgt Ion:113 Resp: 196503
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 18.1 14.2 21.4

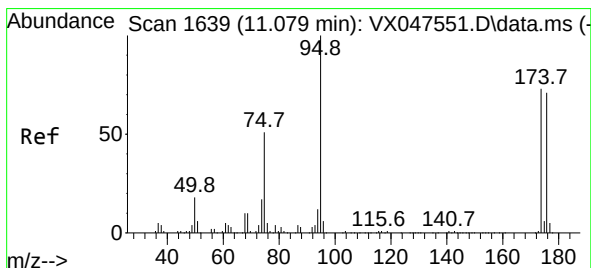
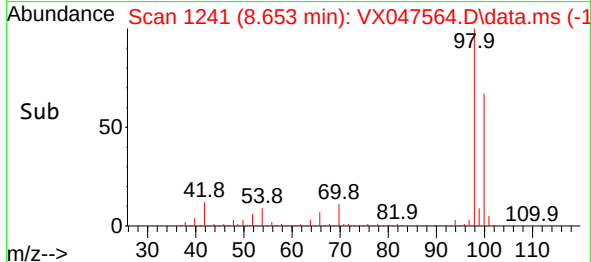
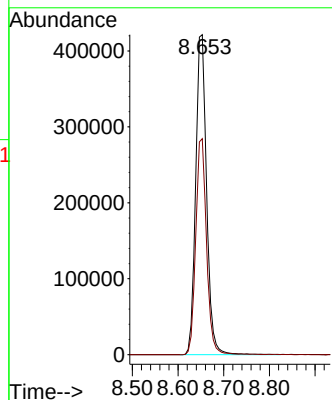
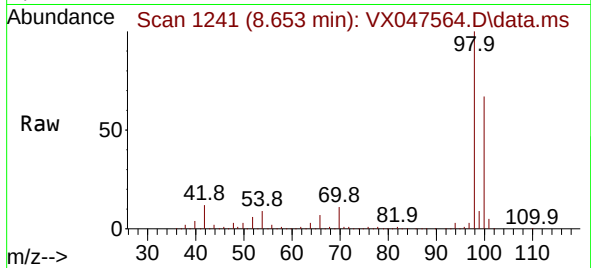




#50
Toluene-d8
Concen: 50.805 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047564.D
Acq: 29 Aug 2025 12:42

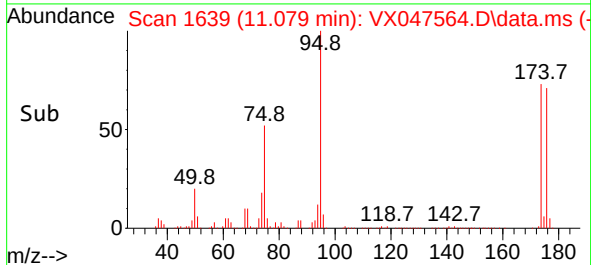
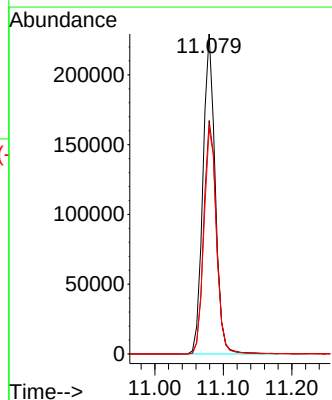
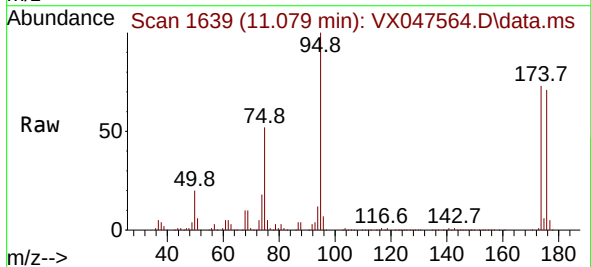
Instrument :
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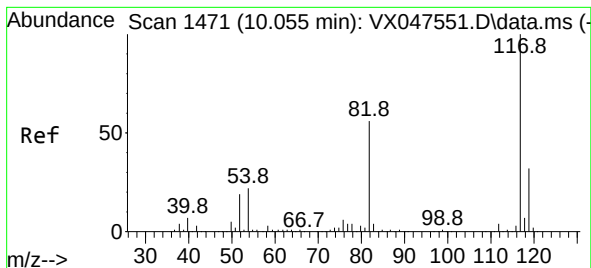
Tgt Ion: 98 Resp: 697476
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047564.D
Acq: 29 Aug 2025 12:42

Tgt Ion: 95 Resp: 286515
Ion Ratio Lower Upper
95 100
174 75.0 0.0 145.2
176 72.2 0.0 140.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX047564.D

Acq: 29 Aug 2025 12:42

Instrument :

MSVOA_X

ClientSampleId :

IBLK

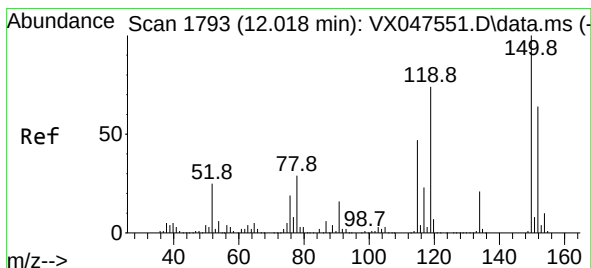
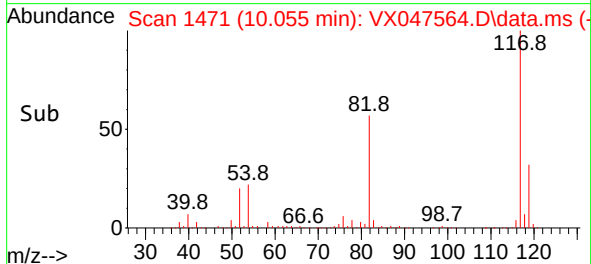
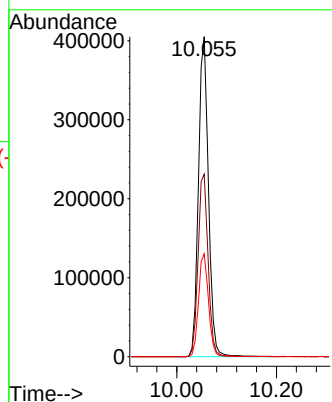
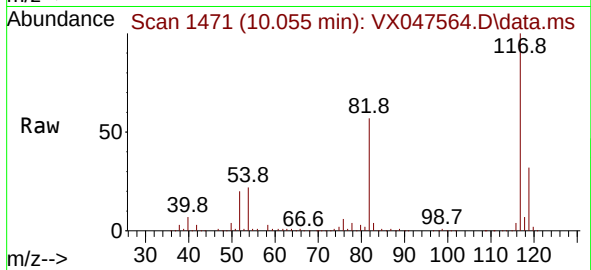
Tgt Ion:117 Resp: 562526

Ion Ratio Lower Upper

117 100

82 57.1 44.6 66.8

119 32.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX047564.D

Acq: 29 Aug 2025 12:42

Tgt Ion:152 Resp: 283455

Ion Ratio Lower Upper

152 100

115 62.5 42.9 128.5

150 157.7 0.0 351.0

