

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047402.D
 Acq On : 19 Aug 2025 10:55
 Operator : JC/MD
 Sample : VX0819WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBL01

Quant Time: Aug 19 11:12:22 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	204625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	410508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	212865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	163941	57.246	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.500%
35) Dibromofluoromethane	5.391	113	135590	50.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	8.647	98	471489	49.512	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.020%
62) 4-Bromofluorobenzene	11.079	95	197272	56.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.280%

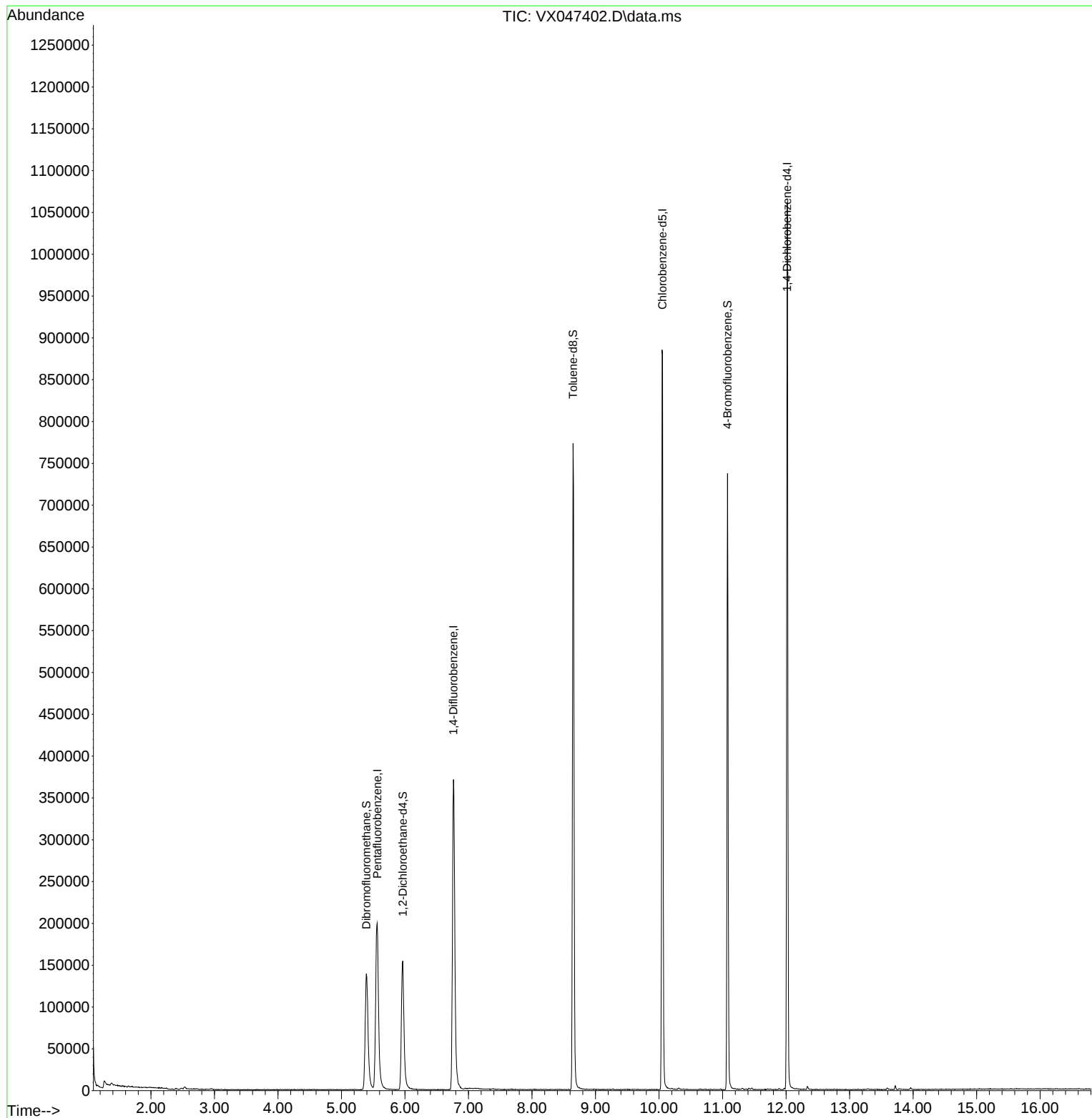
Target Compounds	Qvalue

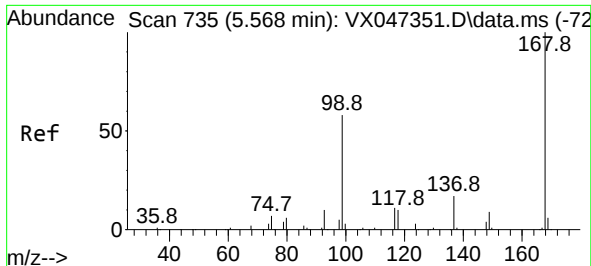
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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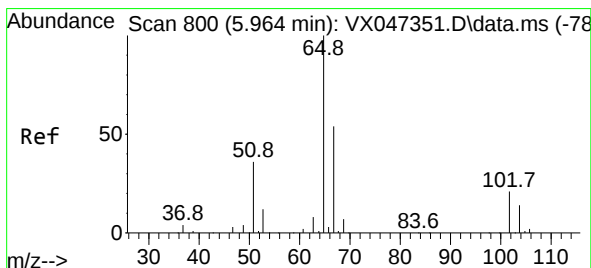
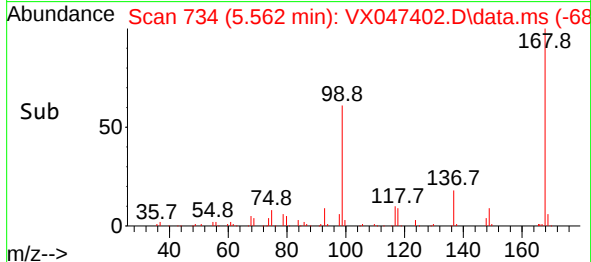
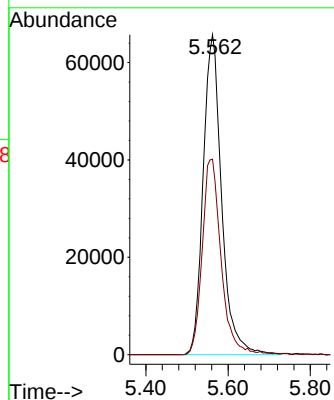
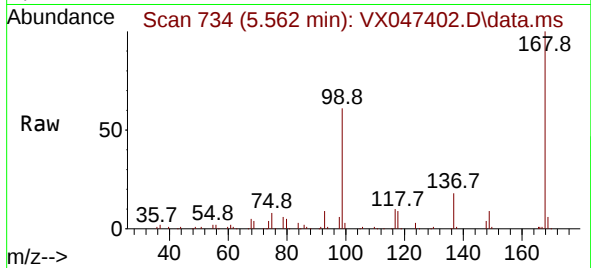




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047402.D
Acq: 19 Aug 2025 10:55

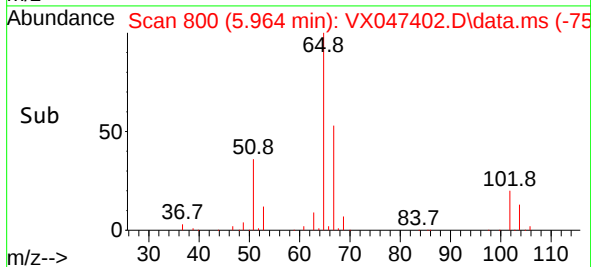
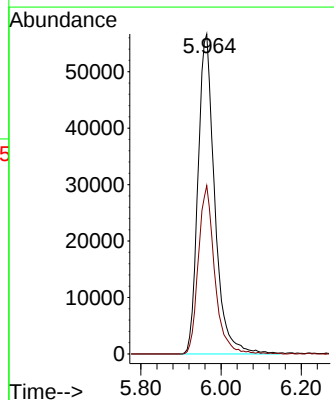
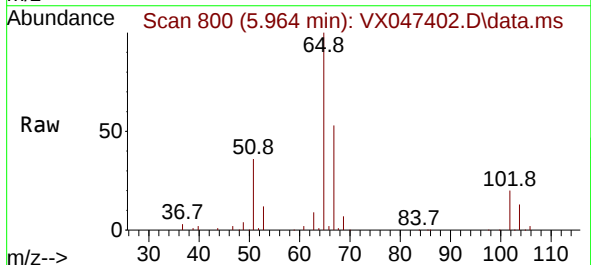
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBL01

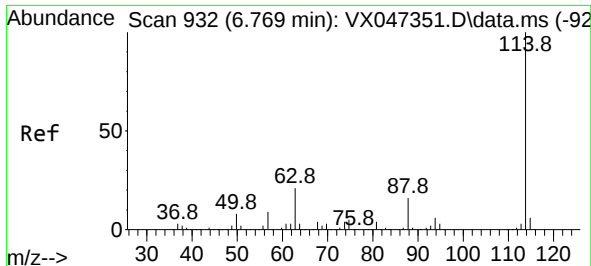
Tgt Ion:168 Resp: 204625
Ion Ratio Lower Upper
168 100
99 61.1 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 57.246 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047402.D
Acq: 19 Aug 2025 10:55

Tgt Ion: 65 Resp: 163941
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0

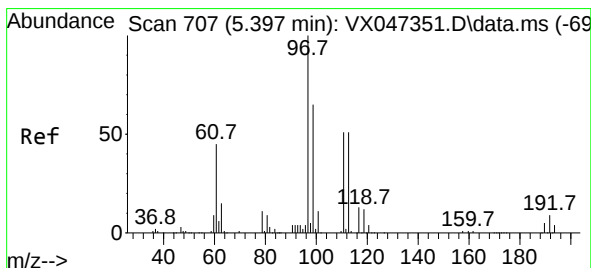
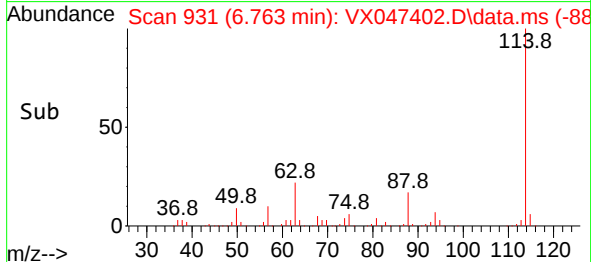
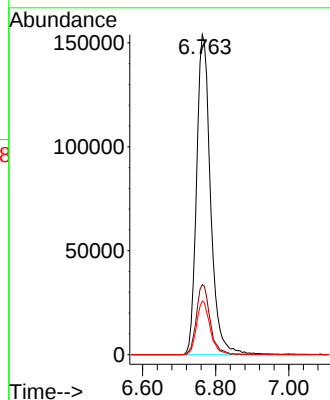
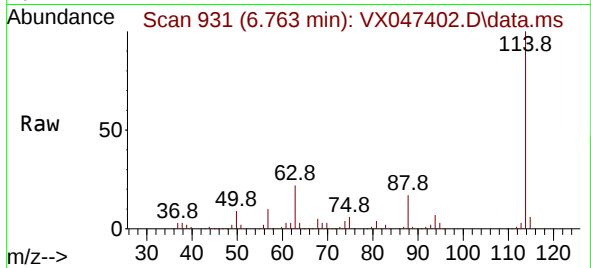




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047402.D
Acq: 19 Aug 2025 10:55

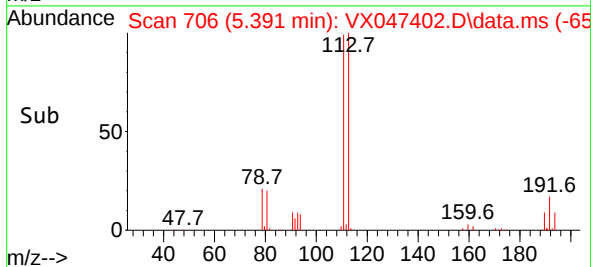
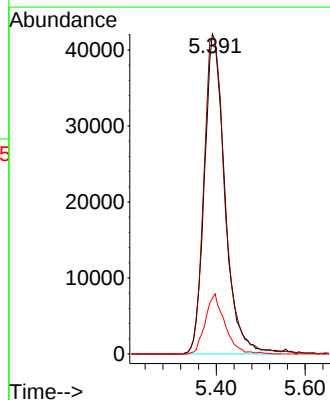
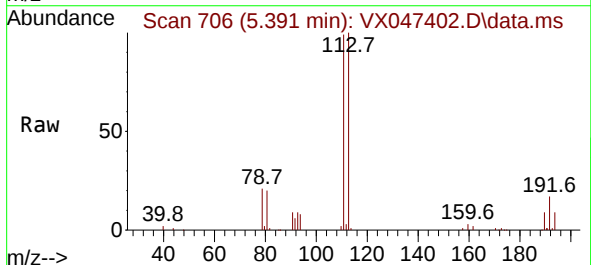
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBL01

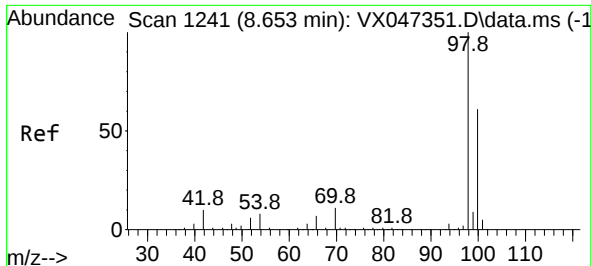
Tgt Ion:114 Resp: 410508
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.893 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047402.D
Acq: 19 Aug 2025 10:55

Tgt Ion:113 Resp: 135590
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.2
192 17.8 14.1 21.1

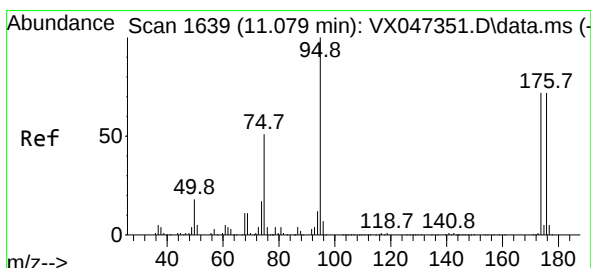
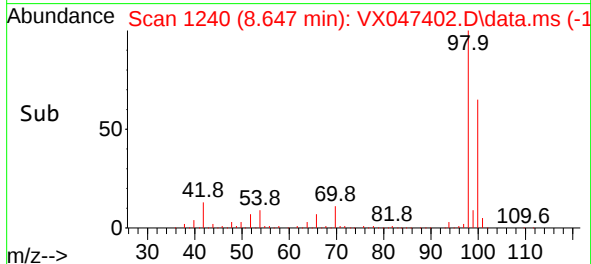
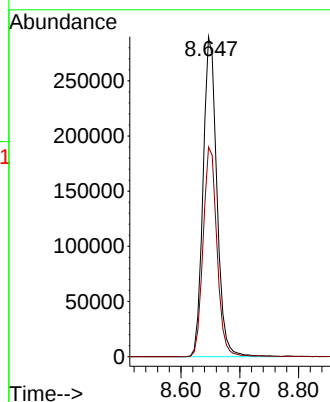
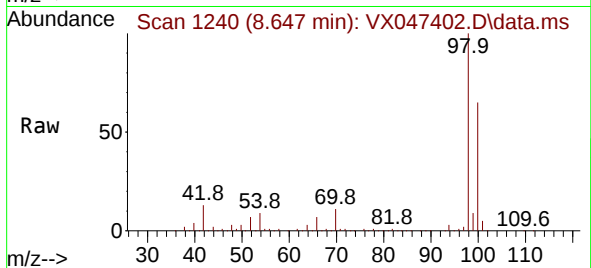




#50
Toluene-d8
Concen: 49.512 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047402.D
Acq: 19 Aug 2025 10:55

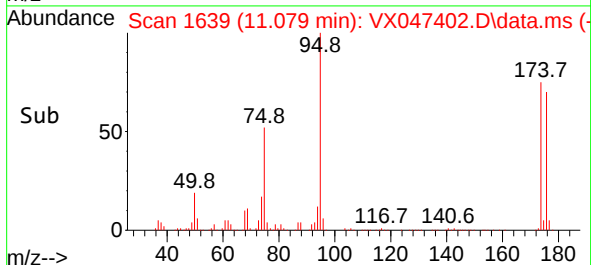
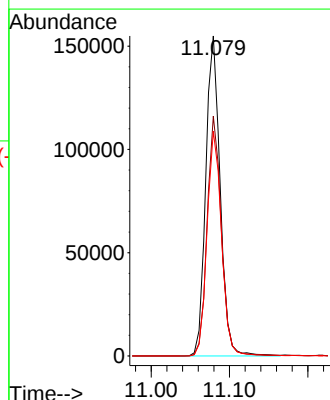
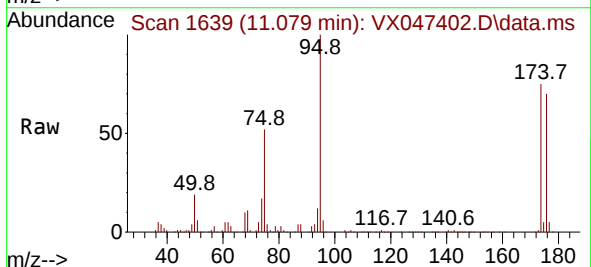
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBL01

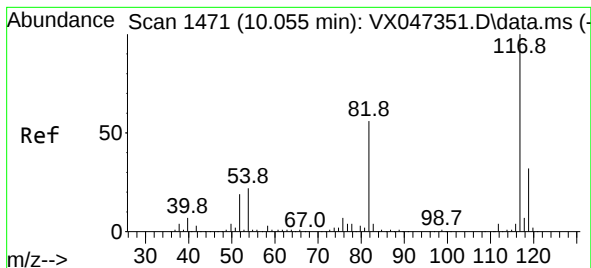
Tgt Ion: 98 Resp: 471489
Ion Ratio Lower Upper
98 100
100 65.8 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 56.138 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047402.D
Acq: 19 Aug 2025 10:55

Tgt Ion: 95 Resp: 197272
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.0
176 70.8 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: VX047402.D

Acq: 19 Aug 2025 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBL01

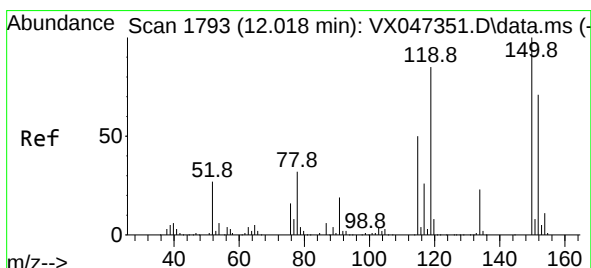
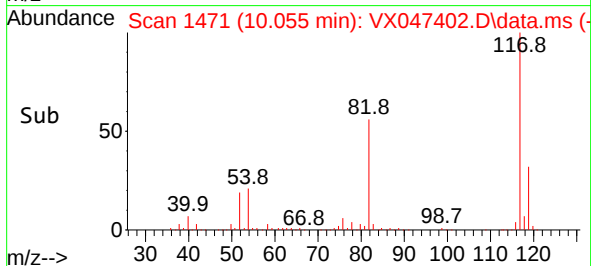
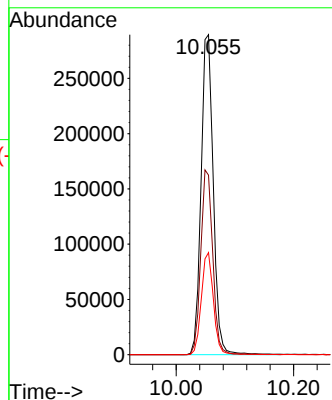
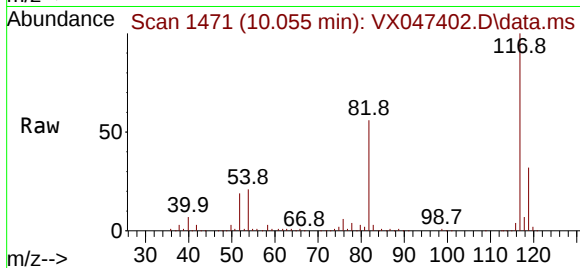
Tgt Ion:117 Resp: 416324

Ion Ratio Lower Upper

117 100

82 56.1 45.0 67.4

119 31.9 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: VX047402.D

Acq: 19 Aug 2025 10:55

Tgt Ion:152 Resp: 212865

Ion Ratio Lower Upper

152 100

115 61.9 44.6 133.8

150 156.7 0.0 349.8

