

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047516.D
 Acq On : 25 Aug 2025 12:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 26 00:38:13 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	261997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	525874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	248178	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	194942	53.165	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.340%
35) Dibromofluoromethane	5.397	113	168769	49.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.653	98	571440	46.844	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.680%
62) 4-Bromofluorobenzene	11.079	95	240297	53.380	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.760%

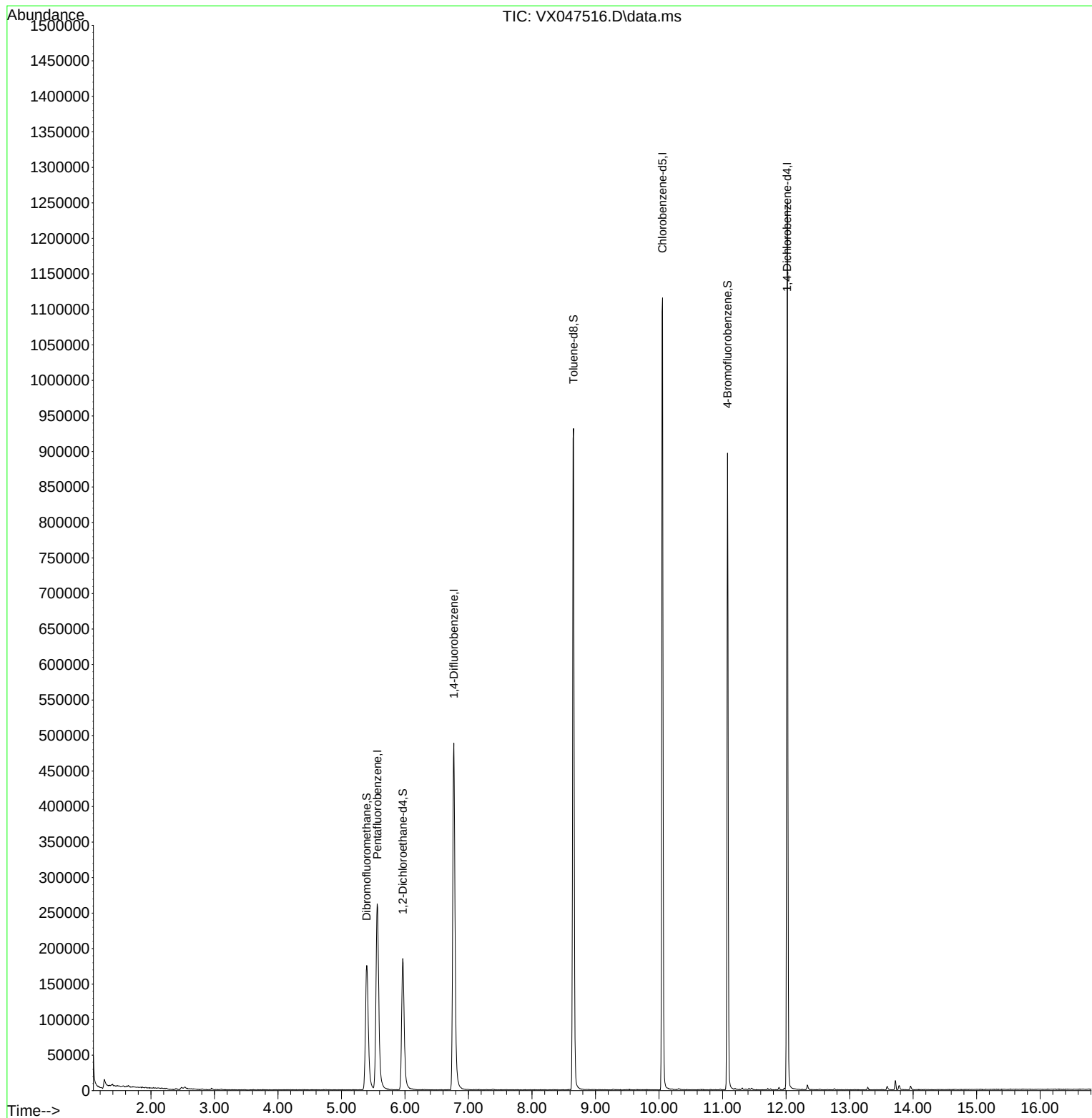
Target Compounds	Qvalue

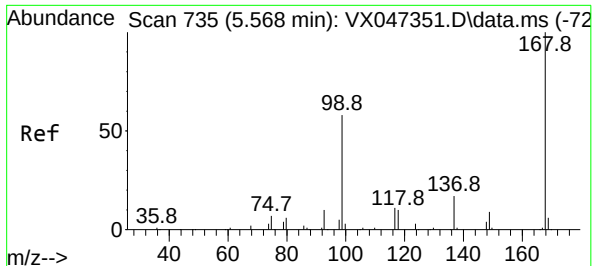
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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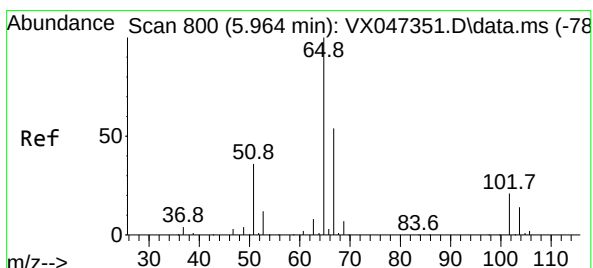
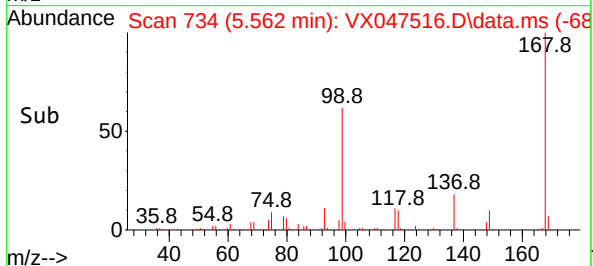
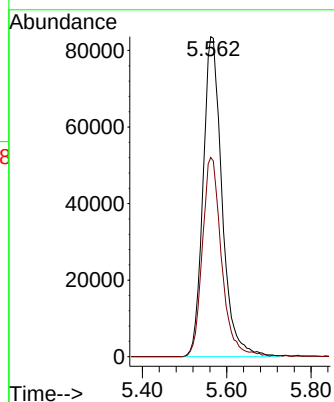
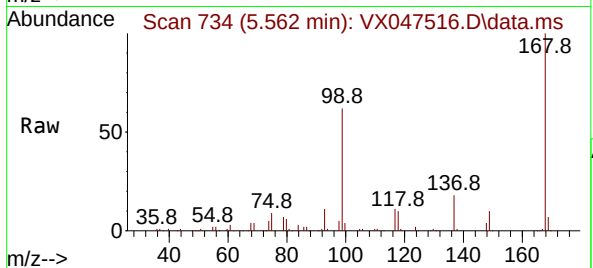




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047516.D
Acq: 25 Aug 2025 12:51

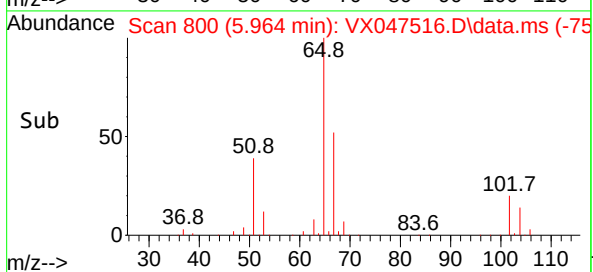
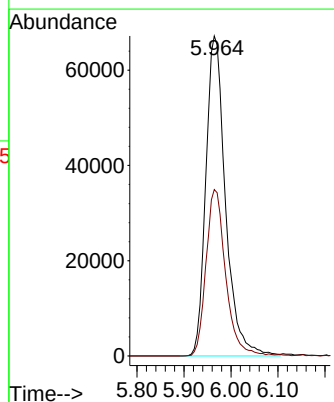
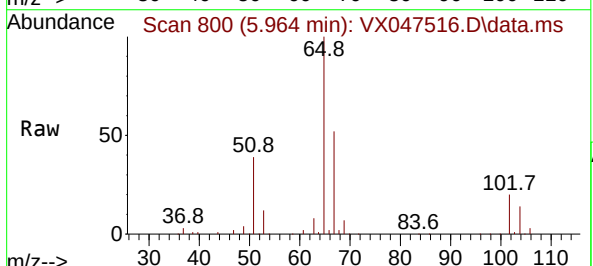
Instrument :
MSVOA_X
ClientSampleId :
IBLK

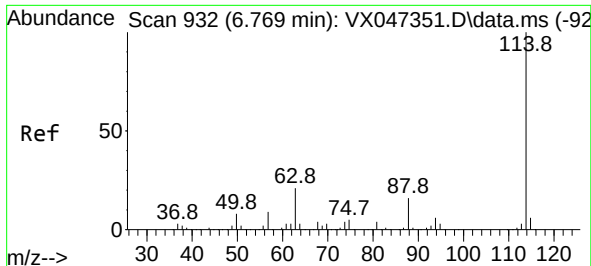
Tgt Ion:168 Resp: 261997
Ion Ratio Lower Upper
168 100
99 62.3 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 53.165 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047516.D
Acq: 25 Aug 2025 12:51

Tgt Ion: 65 Resp: 194942
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

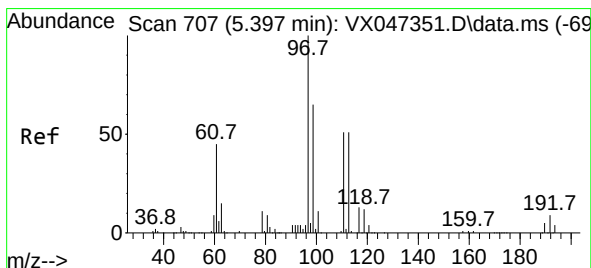
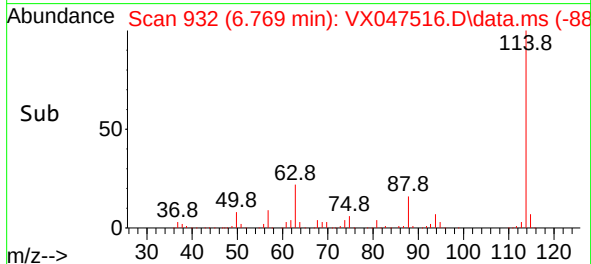
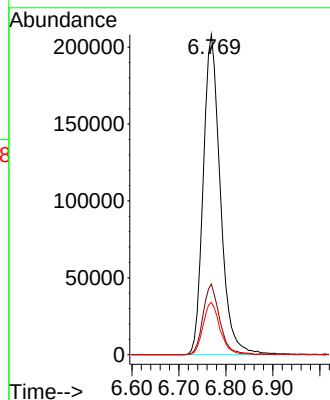
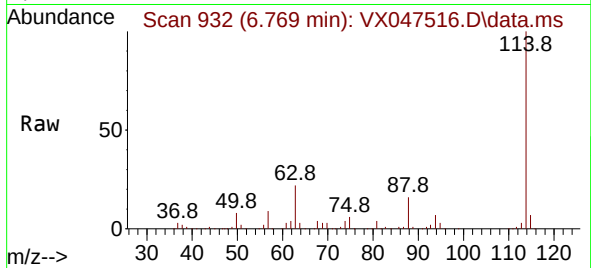




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047516.D
Acq: 25 Aug 2025 12:51

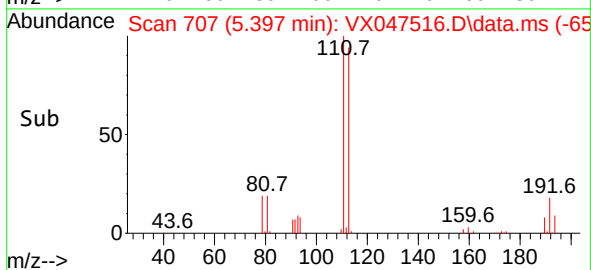
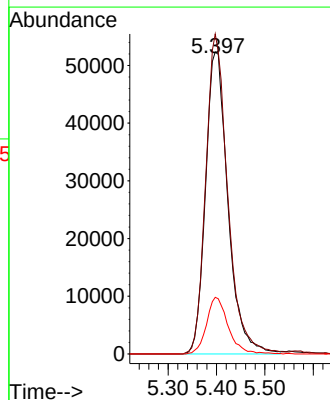
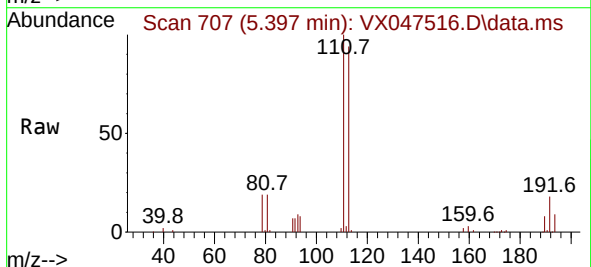
Instrument :
MSVOA_X
ClientSampleId :
IBLK

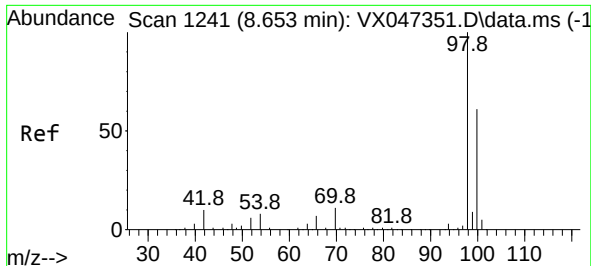
Tgt Ion:114 Resp: 525874
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.449 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047516.D
Acq: 25 Aug 2025 12:51

Tgt Ion:113 Resp: 168769
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.2
192 18.1 14.1 21.1

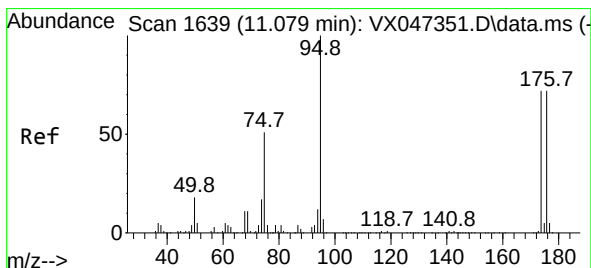
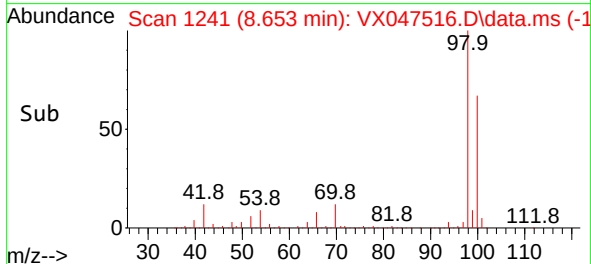
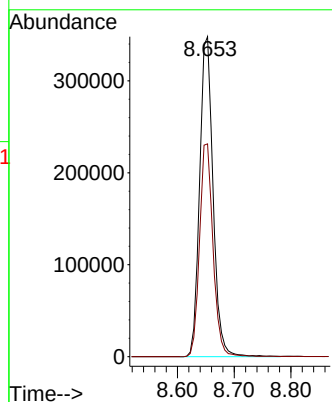
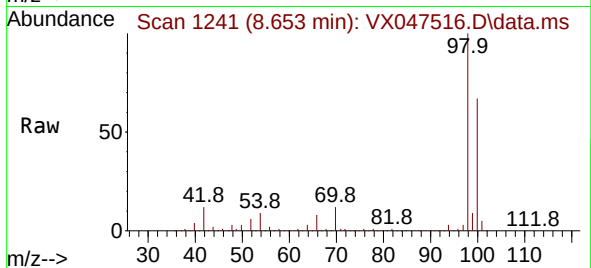




#50
Toluene-d8
Concen: 46.844 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047516.D
Acq: 25 Aug 2025 12:51

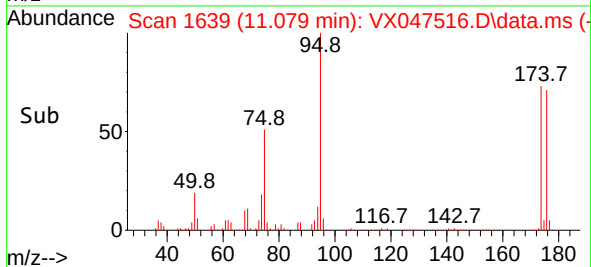
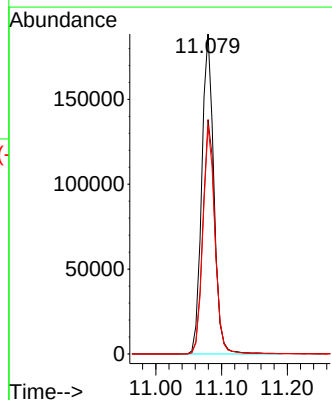
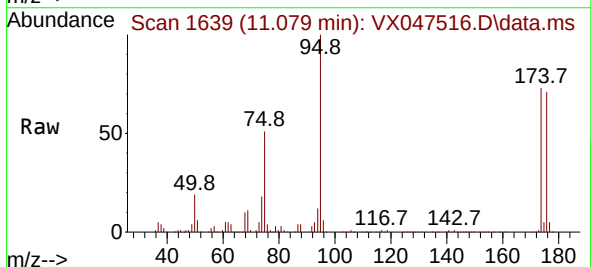
Instrument :
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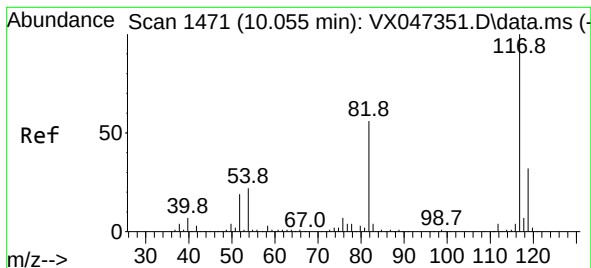
Tgt Ion: 98 Resp: 571440
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 53.380 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047516.D
Acq: 25 Aug 2025 12:51

Tgt Ion: 95 Resp: 240297
Ion Ratio Lower Upper
95 100
174 73.8 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: VX047516.D

Acq: 25 Aug 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

IBLK

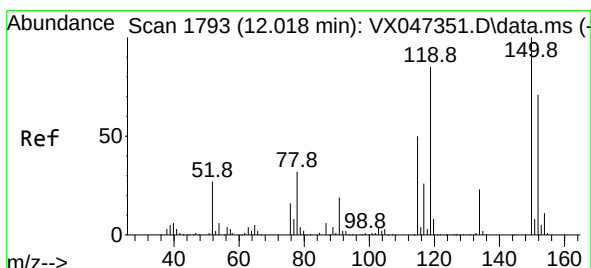
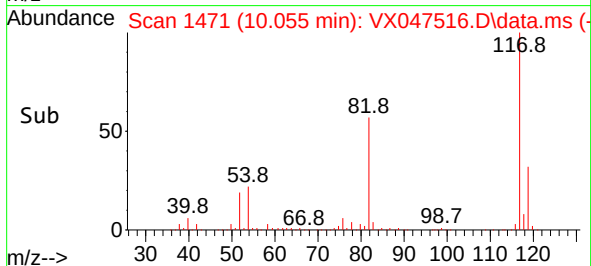
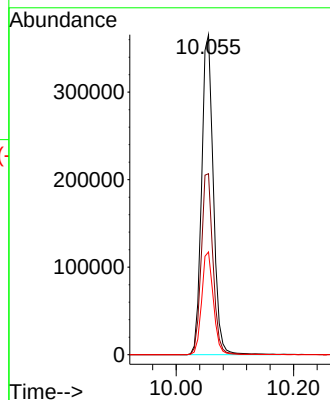
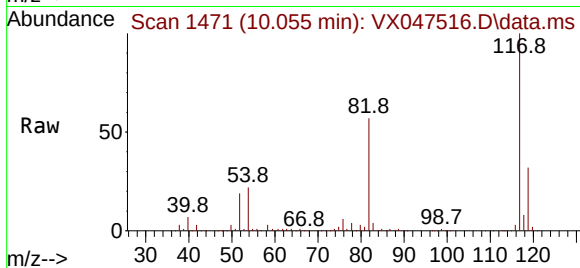
Tgt Ion:117 Resp: 506529

Ion Ratio Lower Upper

117 100

82 56.6 45.0 67.4

119 32.1 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: VX047516.D

Acq: 25 Aug 2025 12:51

Tgt Ion:152 Resp: 248178

Ion Ratio Lower Upper

152 100

115 61.4 44.6 133.8

150 158.1 0.0 349.8

