

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046607.D
 Acq On : 10 Jun 2025 16:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 11 01:51:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	116915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118237	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99430	47.802	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.600%
35) Dibromofluoromethane	5.404	113	82307	48.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	8.653	98	299190	53.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.960%
62) 4-Bromofluorobenzene	11.079	95	126131	55.006	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.020%

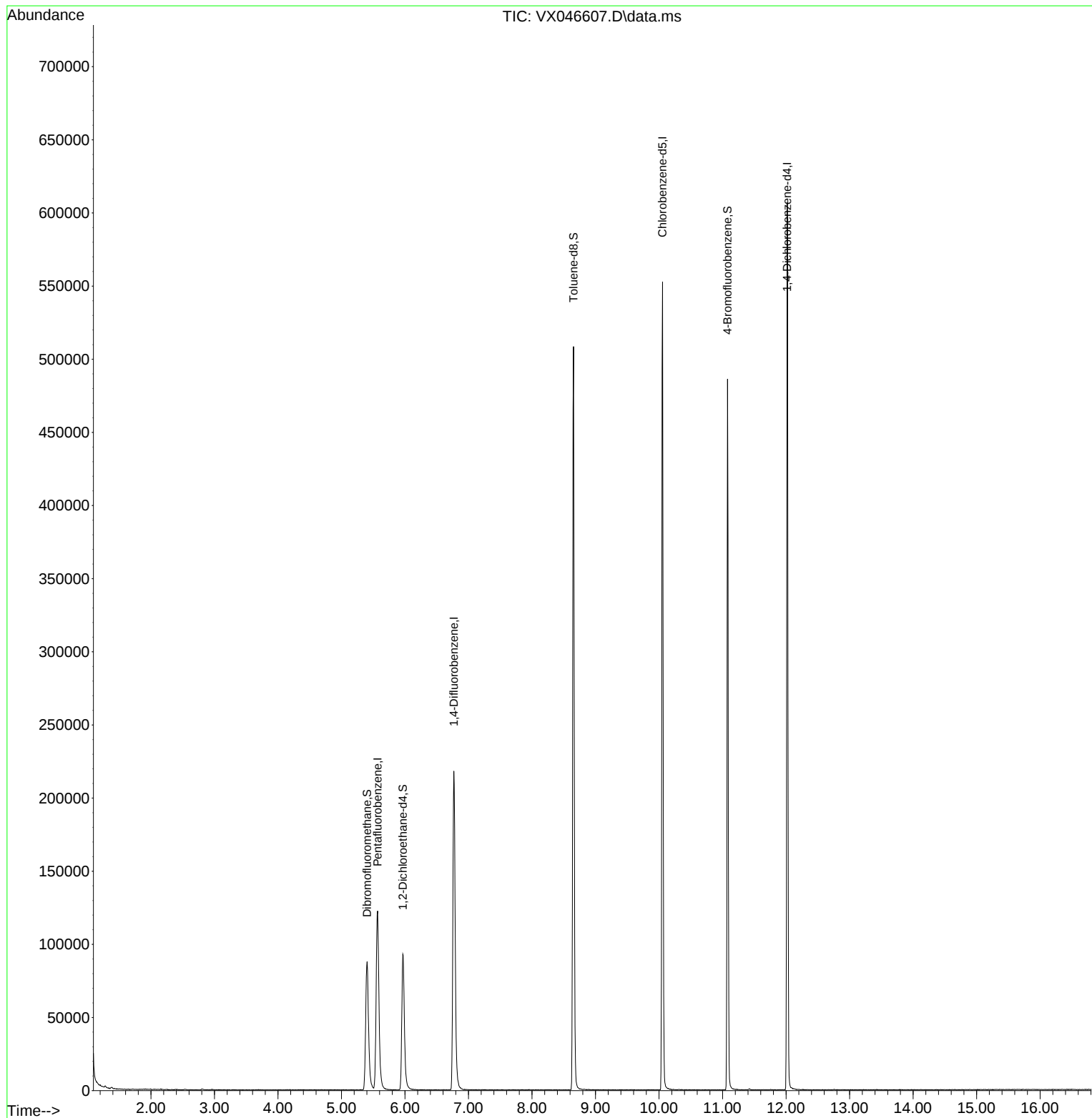
Target Compounds	Qvalue

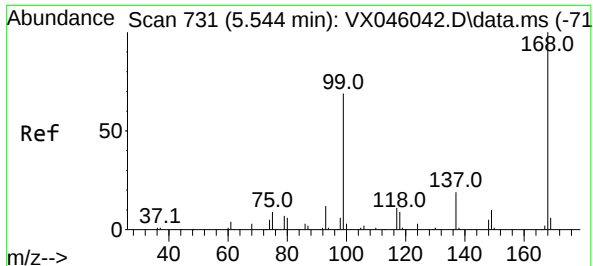
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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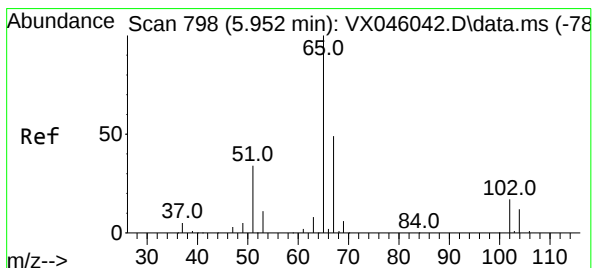
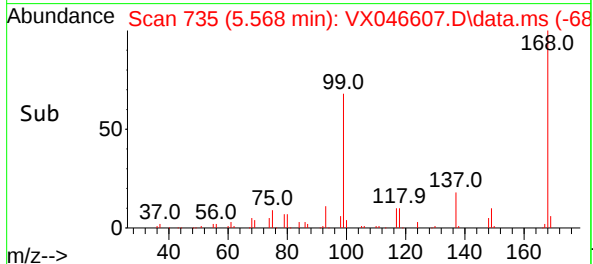
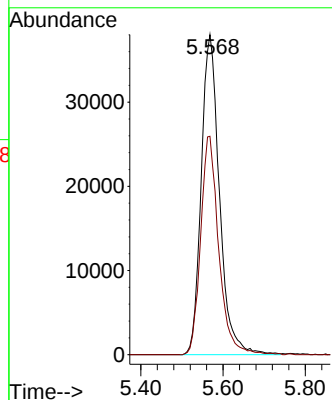
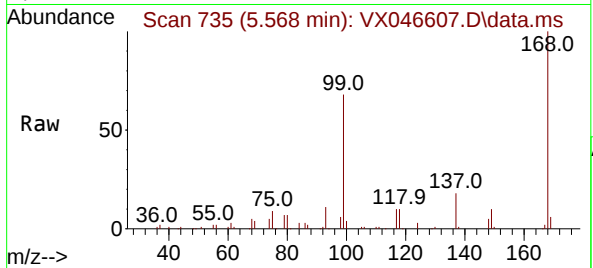




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

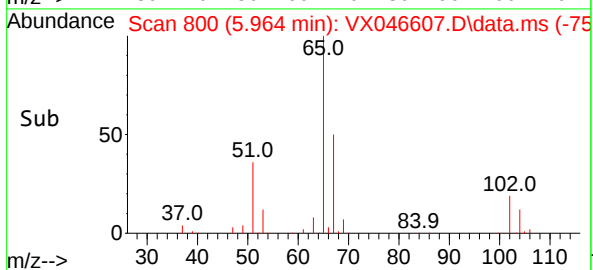
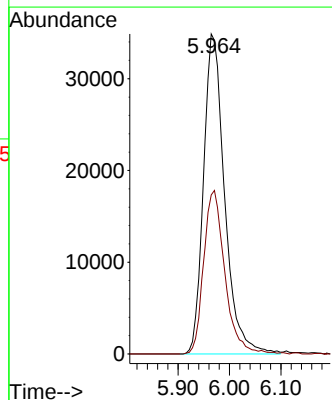
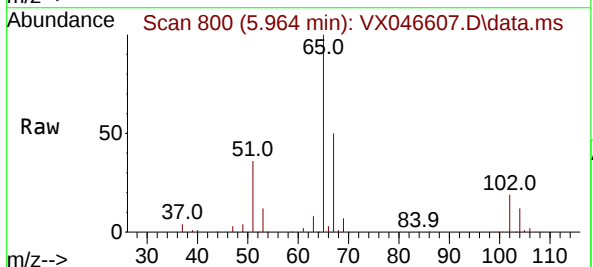
Instrument :
MSVOA_X
ClientSampleId :
IBLK

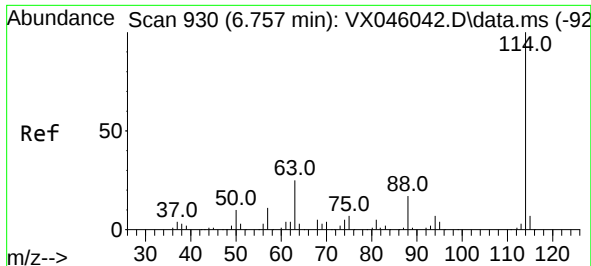
Tgt Ion:168 Resp: 116915
Ion Ratio Lower Upper
168 100
99 68.3 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 47.802 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

Tgt Ion: 65 Resp: 99430
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.0

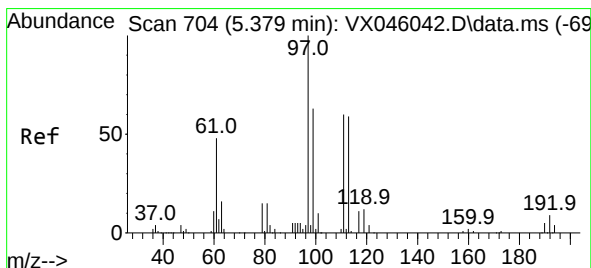
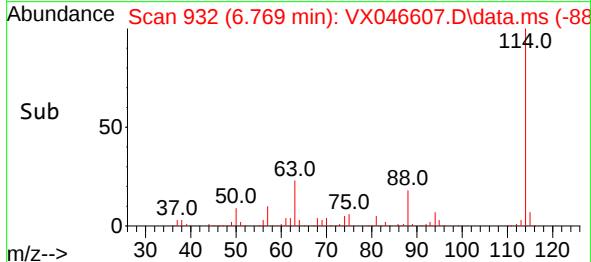
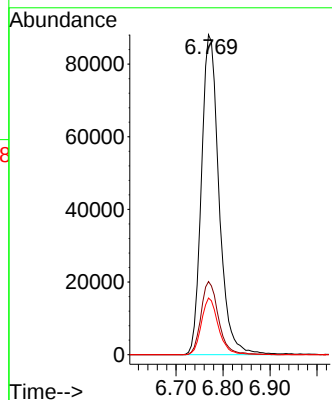
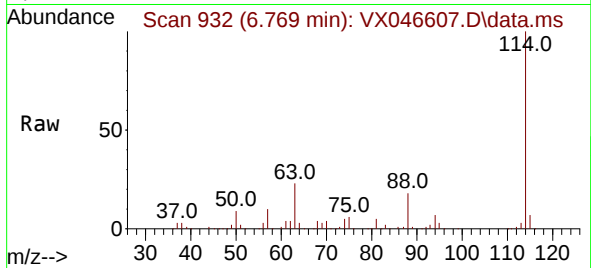




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

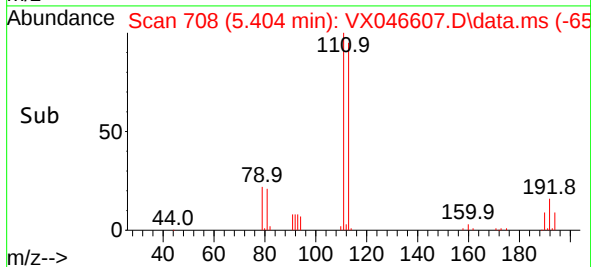
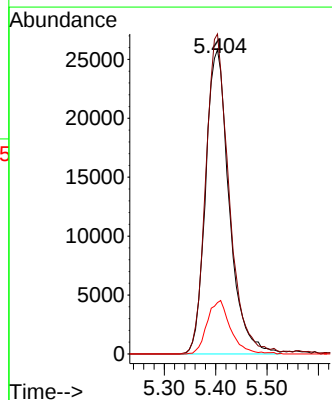
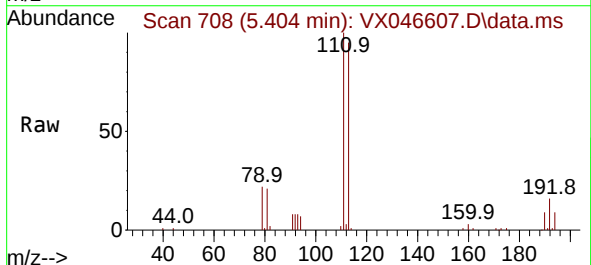
Instrument :
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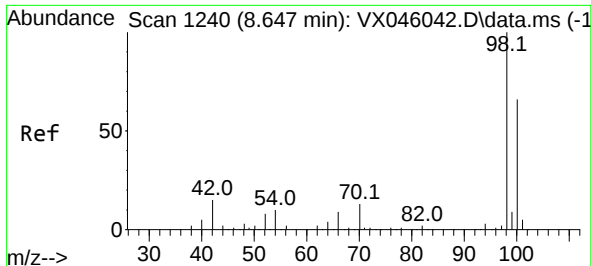
Tgt Ion:114 Resp: 228587
Ion Ratio Lower Upper
114 100
63 22.9 0.0 49.2
88 17.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 48.963 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.001 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

Tgt Ion:113 Resp: 82307
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 17.5 13.3 19.9

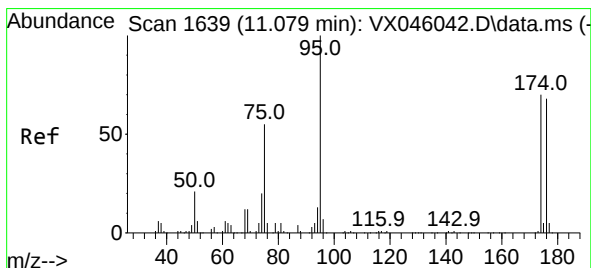
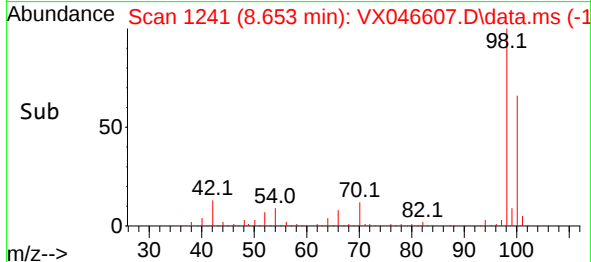
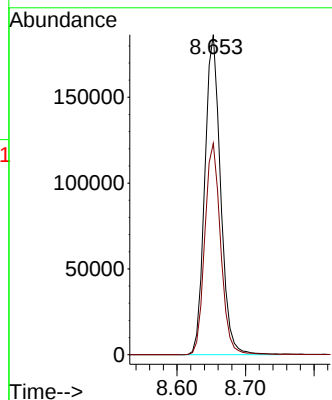
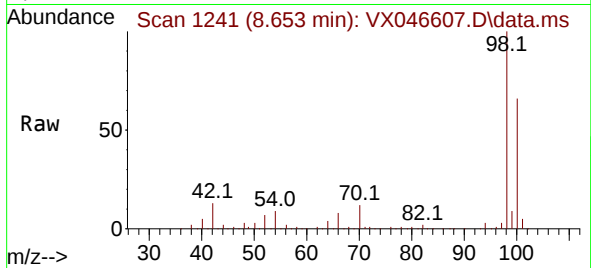




#50
Toluene-d8
Concen: 53.985 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

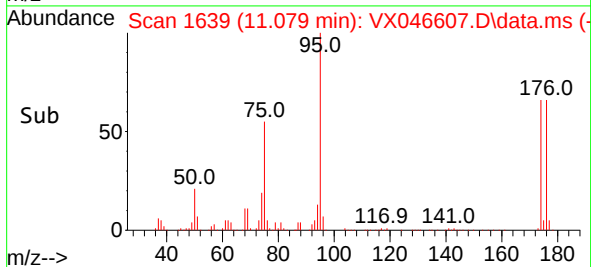
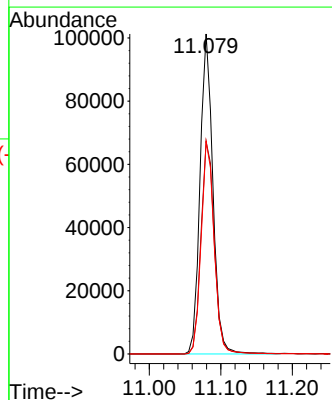
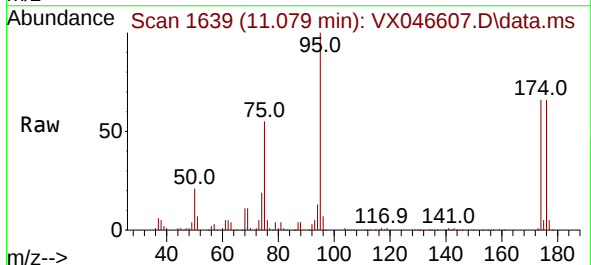
Instrument :
MSVOA_X
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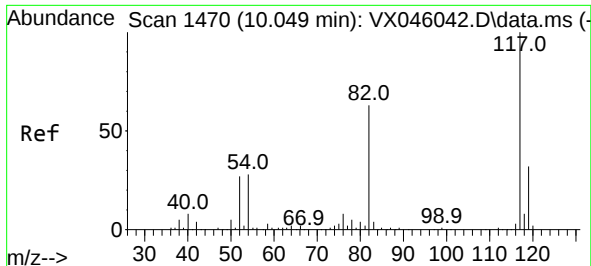
Tgt Ion: 98 Resp: 299190
Ion Ratio Lower Upper
98 100
100 66.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.006 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

Tgt Ion: 95 Resp: 126131
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.8
176 67.2 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX046607.D

Acq: 10 Jun 2025 16:46

Instrument :

MSVOA_X

ClientSampleId :

IBLK

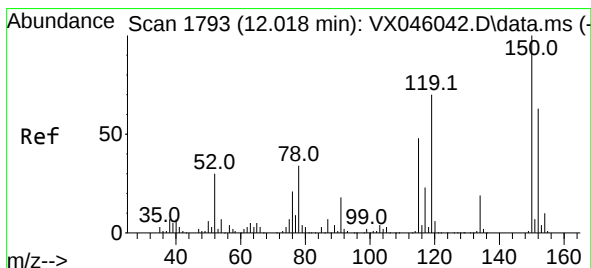
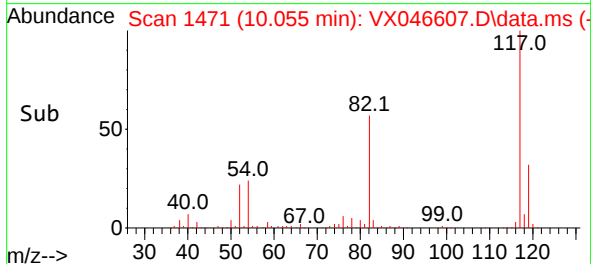
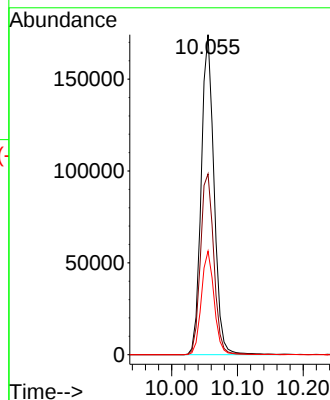
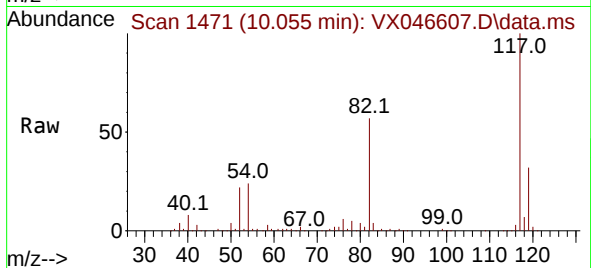
Tgt Ion:117 Resp: 236328

Ion Ratio Lower Upper

117 100

82 56.5 50.6 76.0

119 32.4 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX046607.D

Acq: 10 Jun 2025 16:46

Tgt Ion:152 Resp: 118237

Ion Ratio Lower Upper

152 100

115 64.8 46.9 140.7

150 157.4 0.0 351.0

