

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046821.D
 Acq On : 23 Jun 2025 15:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 24 04:08:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

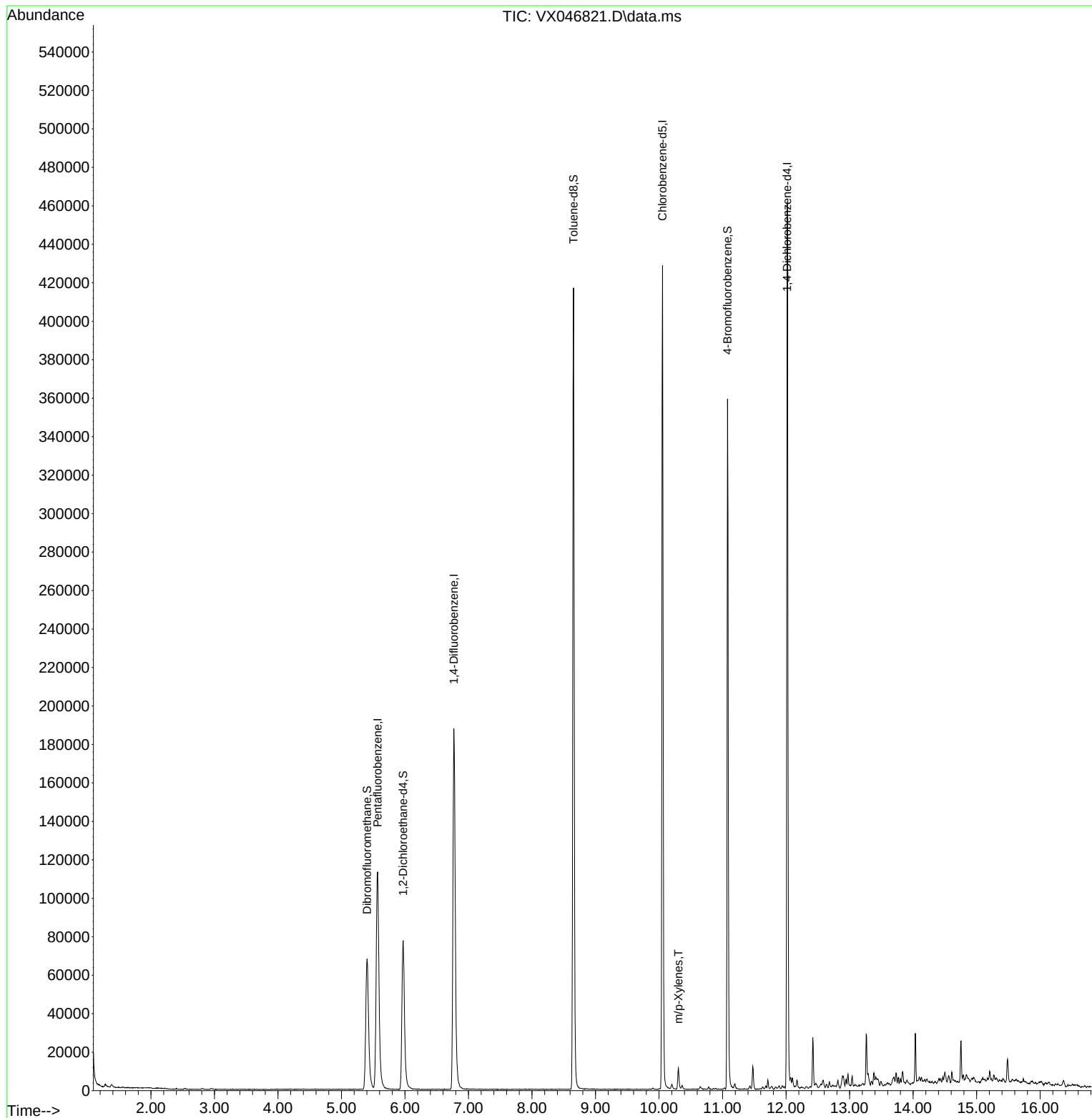
Internal Standards						
1) Pentafluorobenzene	5.568	168	118231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	208041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	81217	49.664	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.320%		
35) Dibromofluoromethane	5.403	113	66042	47.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.960%		
50) Toluene-d8	8.653	98	249474	50.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.900%		
62) 4-Bromofluorobenzene	11.079	95	97132	52.691	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.380%		
Target Compounds					Qvalue	
68) m/p-Xylenes	10.305	106	2951	1.055	ug/l	96

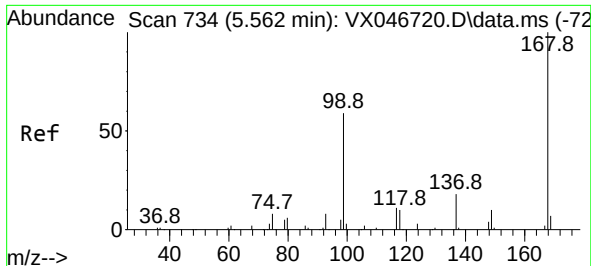
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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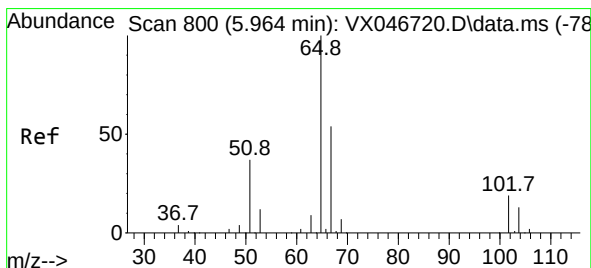
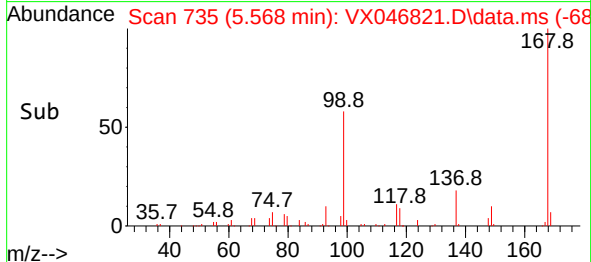
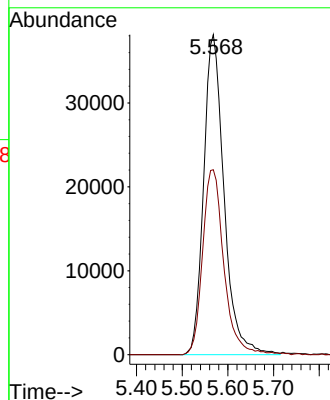
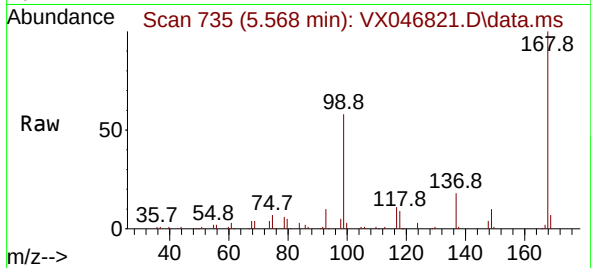




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

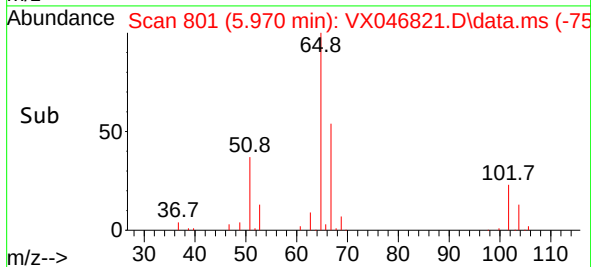
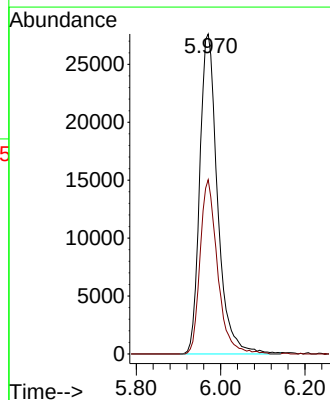
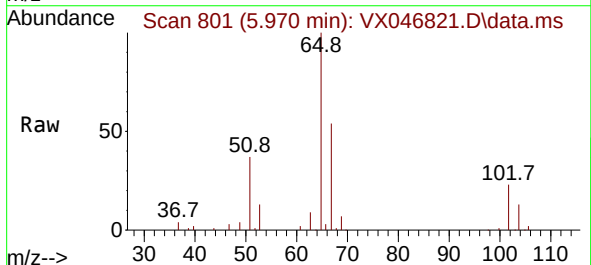
Instrument :
MSVOA_X
ClientSampleId :
IBLK

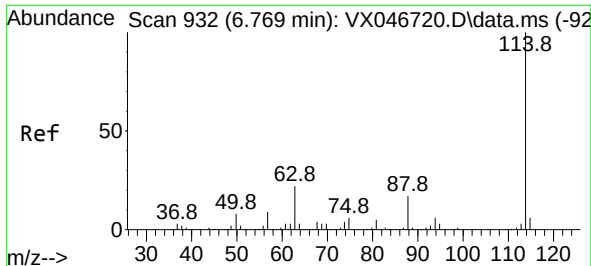
Tgt Ion:168 Resp: 118231
Ion Ratio Lower Upper
168 100
99 57.8 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 49.664 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

Tgt Ion: 65 Resp: 81217
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

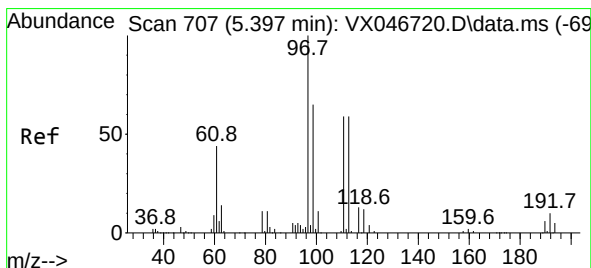
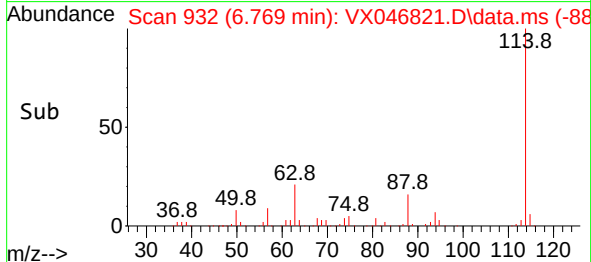
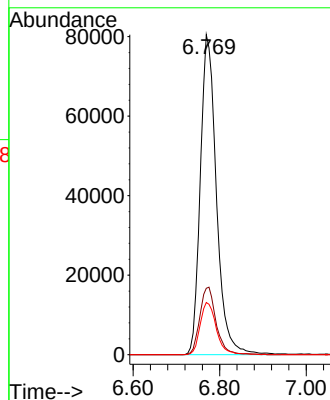
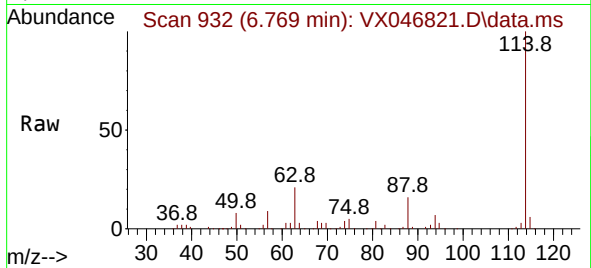




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

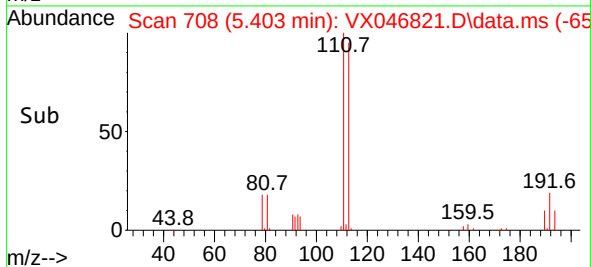
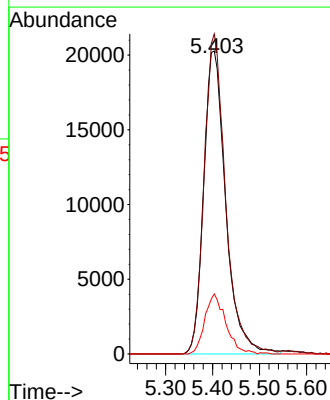
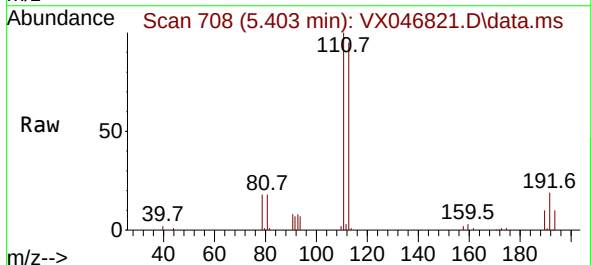
Instrument :
MSVOA_X
ClientSampleId :
IBLK

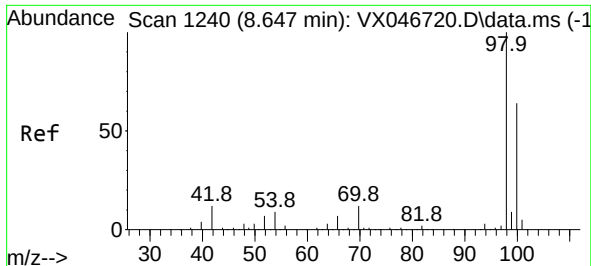
Tgt Ion:114 Resp: 208041
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.979 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

Tgt Ion:113 Resp: 66042
Ion Ratio Lower Upper
113 100
111 102.6 82.0 123.0
192 18.8 15.3 22.9

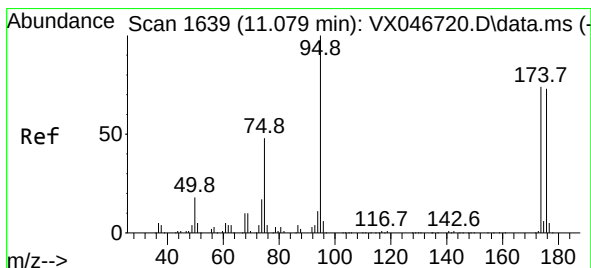
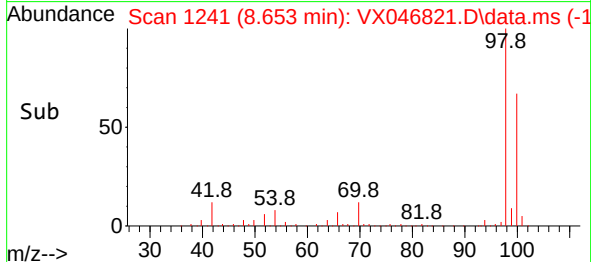
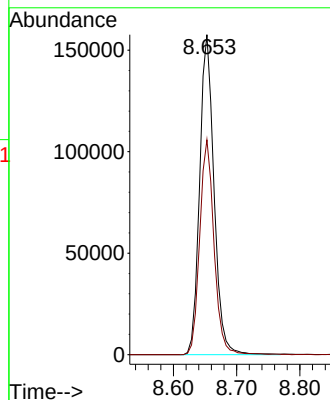
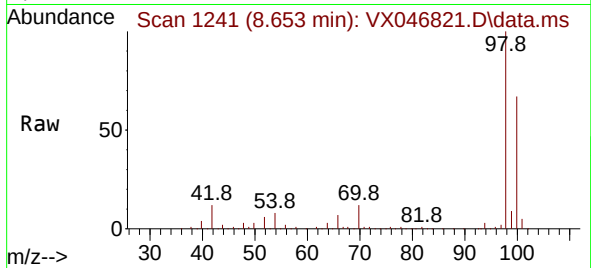




#50
Toluene-d8
Concen: 50.446 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

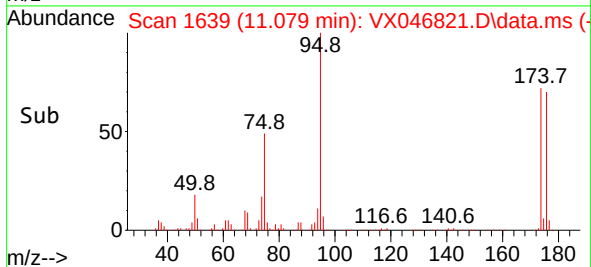
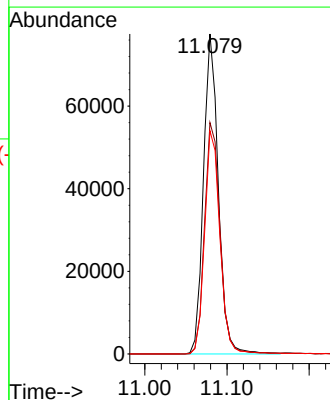
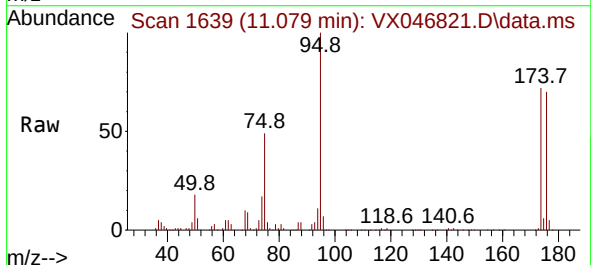
Instrument :
MSVOA_X
ClientSampleId :
IBLK

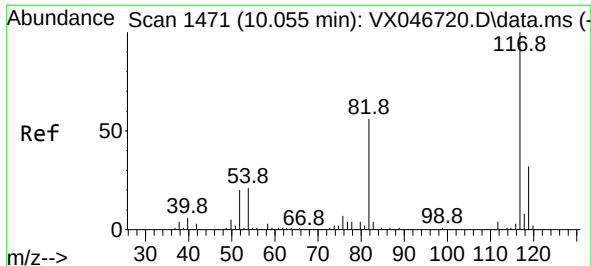
Tgt Ion: 98 Resp: 249474
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

Tgt Ion: 95 Resp: 97132
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.4
176 72.1 0.0 145.0

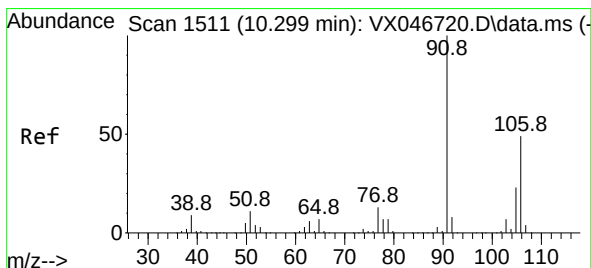
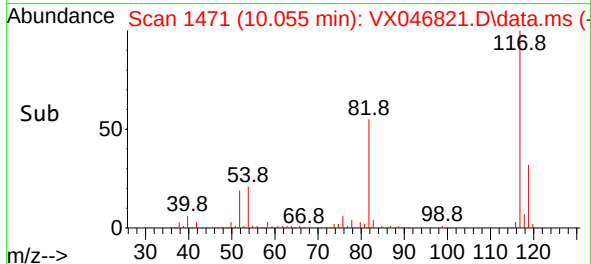
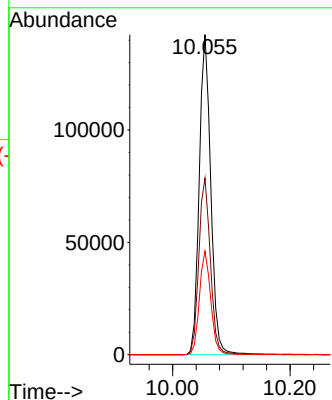
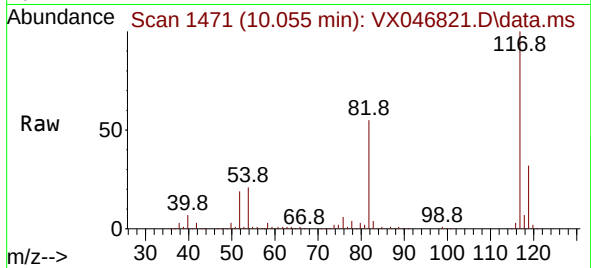




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

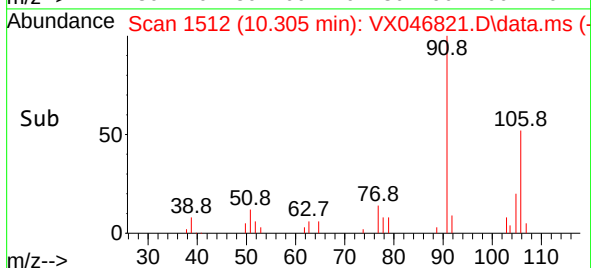
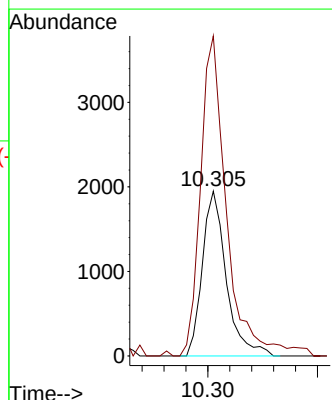
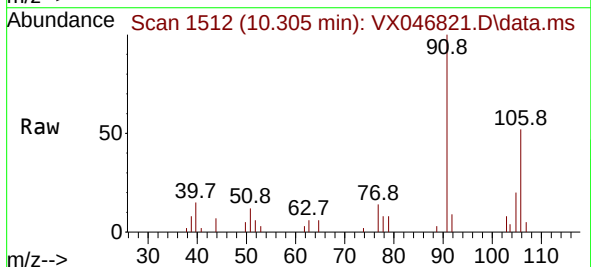
Instrument :
MSVOA_X
ClientSampleId :
IBLK

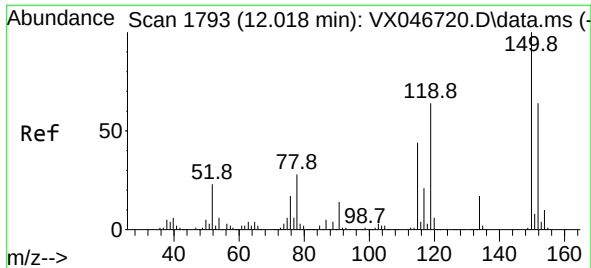
Tgt Ion:117 Resp: 194652
Ion Ratio Lower Upper
117 100
82 55.2 44.6 66.8
119 32.4 25.8 38.8



#68
m/p-Xylenes
Concen: 1.055 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

Tgt Ion:106 Resp: 2951
Ion Ratio Lower Upper
106 100
91 211.6 164.8 247.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046821.D
 Acq: 23 Jun 2025 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:152 Resp: 97083
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.2 129.6
 150 157.5 0.0 346.8

