

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046820.D
 Acq On : 23 Jun 2025 15:11
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 24 04:08:37 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)

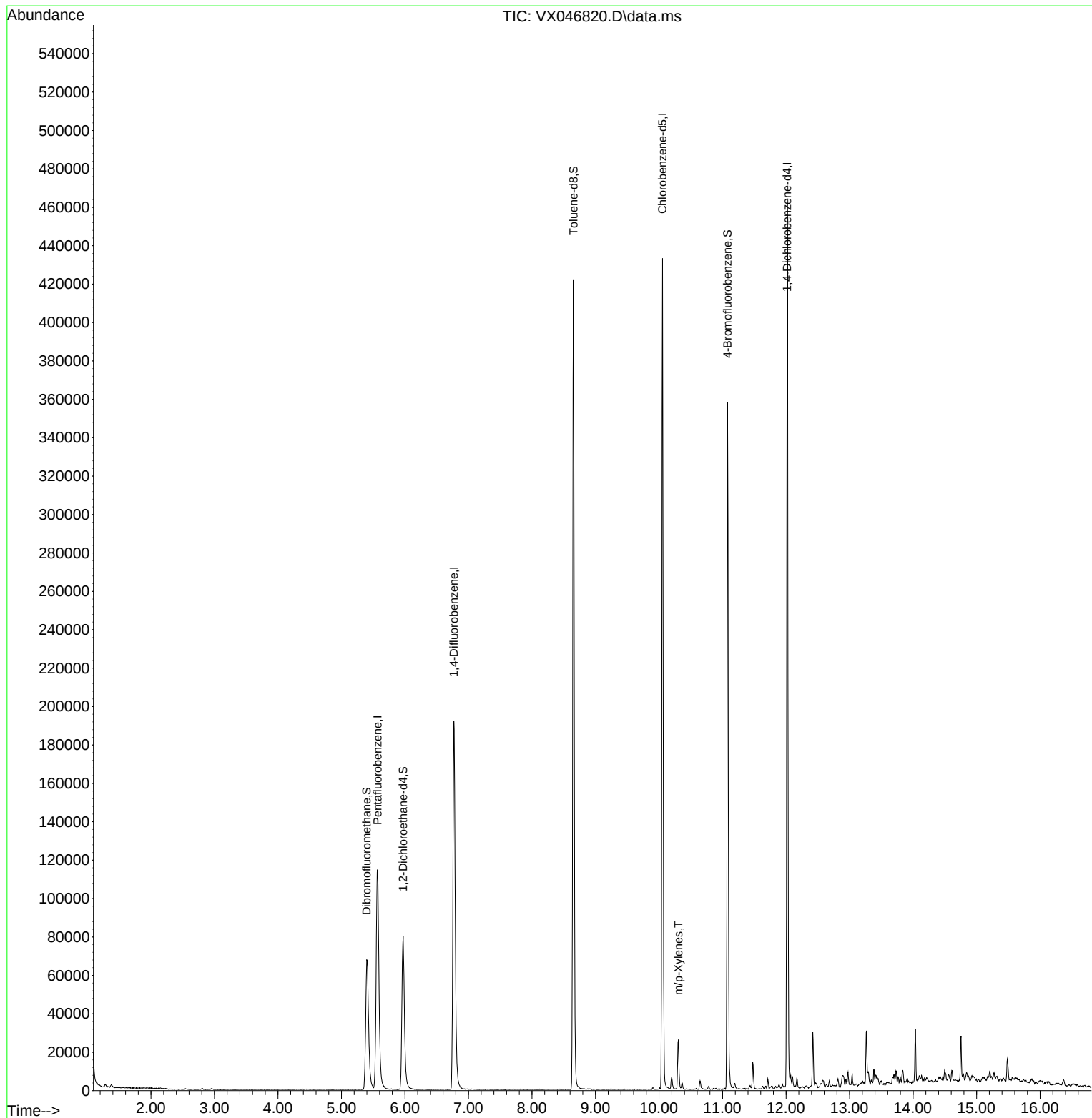
Internal Standards						
1) Pentafluorobenzene	5.568	168	120476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	81899	49.147	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.300%
35) Dibromofluoromethane	5.397	113	66907	47.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.560%
50) Toluene-d8	8.653	98	252932	49.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.480%
62) 4-Bromofluorobenzene	11.079	95	96977	51.164	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.320%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.305	106	6819	2.457	ug/l	97

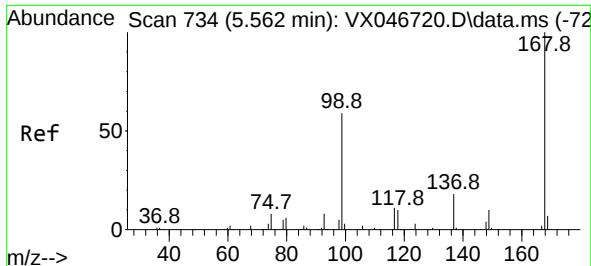
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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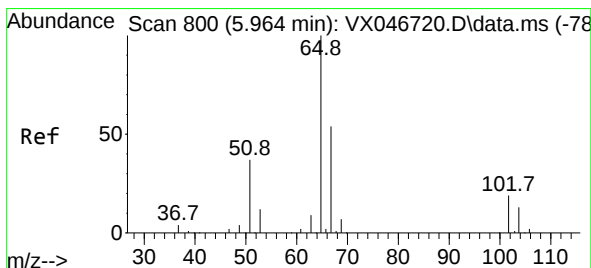
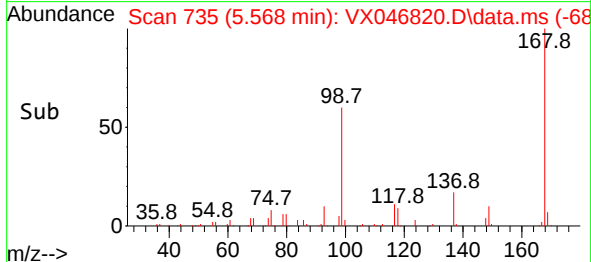
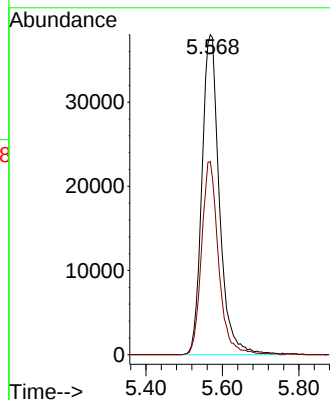
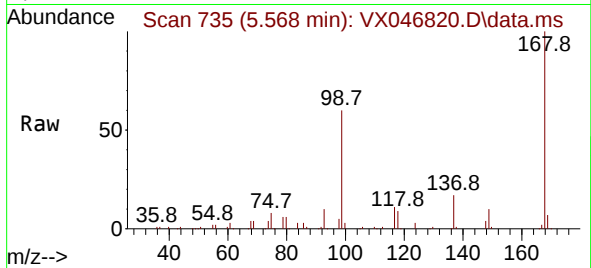




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

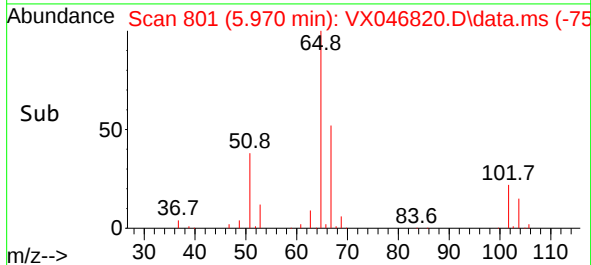
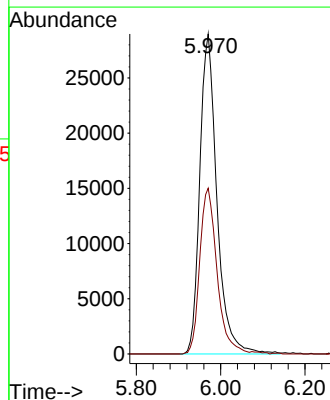
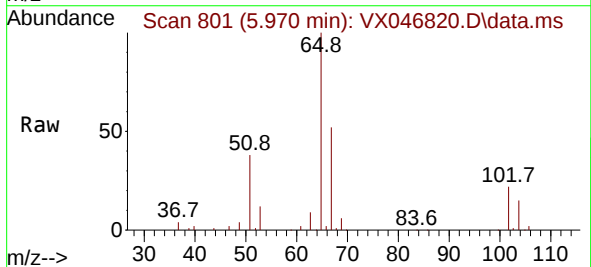
Instrument :
MSVOA_X
ClientSampleId :
IBLK

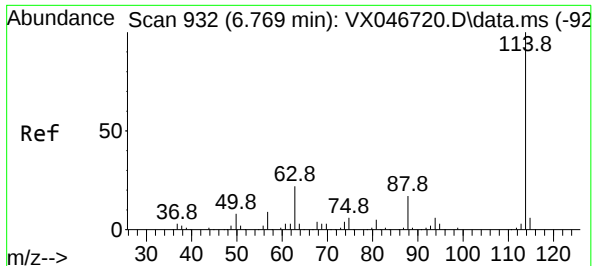
Tgt Ion:168 Resp: 120476
Ion Ratio Lower Upper
168 100
99 60.4 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 49.147 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

Tgt Ion: 65 Resp: 81899
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

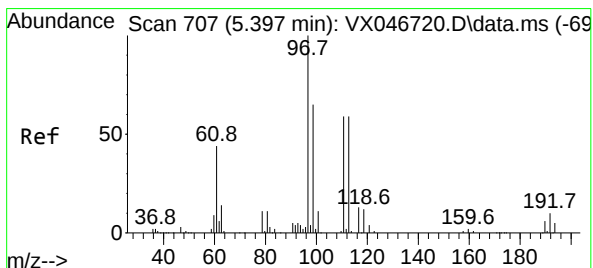
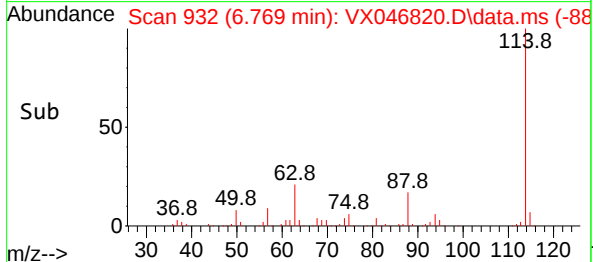
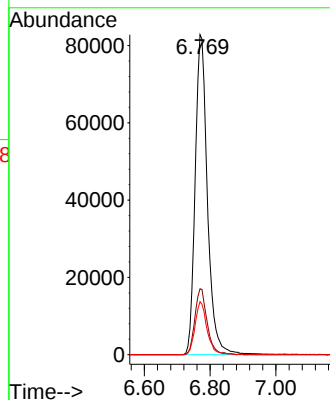
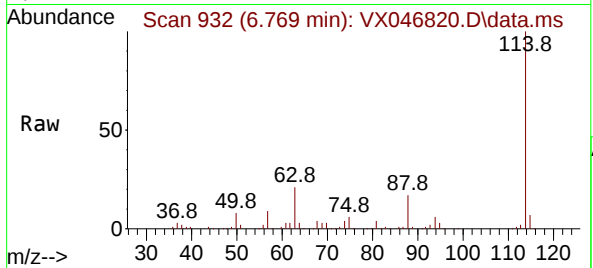




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

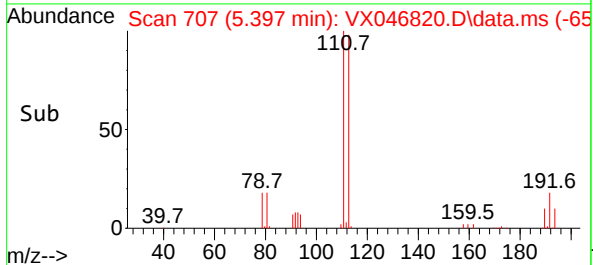
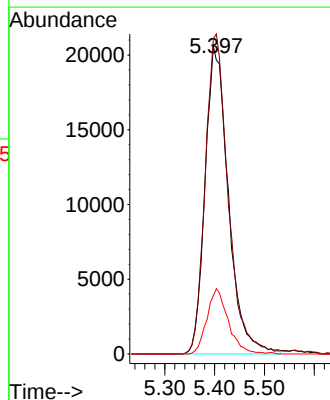
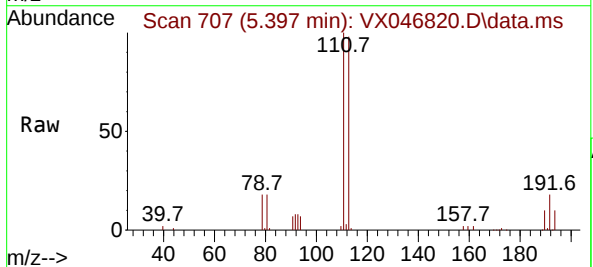
Instrument :
MSVOA_X
ClientSampleId :
IBLK

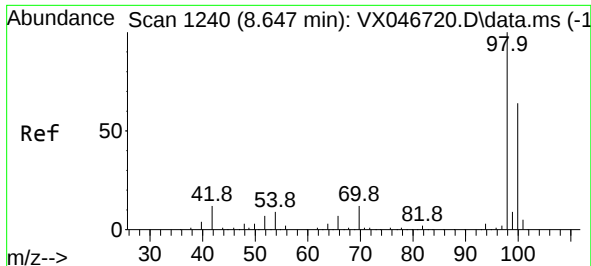
Tgt Ion:114 Resp: 213905
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.275 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

Tgt Ion:113 Resp: 66907
Ion Ratio Lower Upper
113 100
111 102.6 82.0 123.0
192 19.4 15.3 22.9

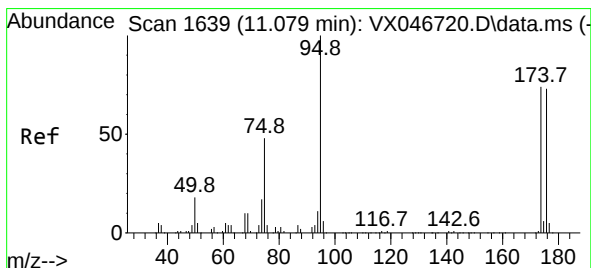
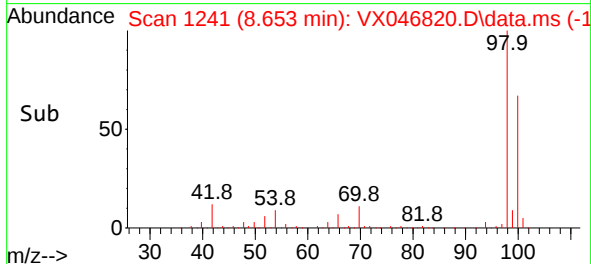
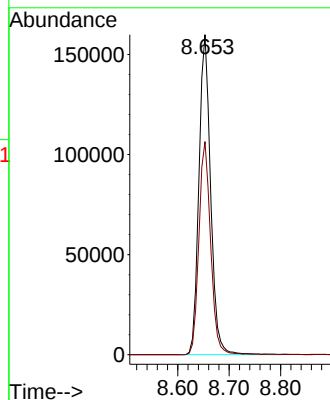
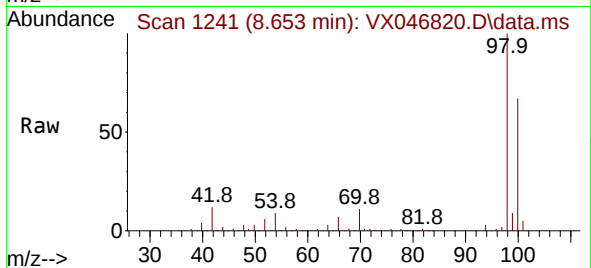




#50
Toluene-d8
Concen: 49.744 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

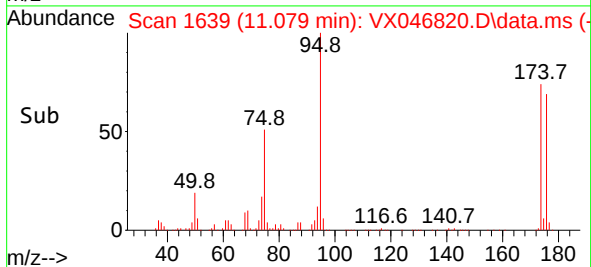
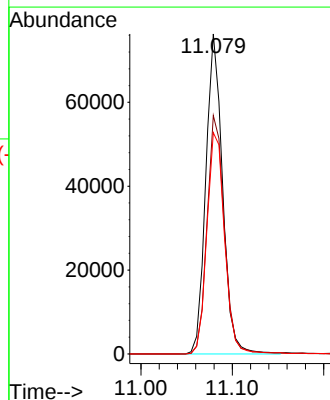
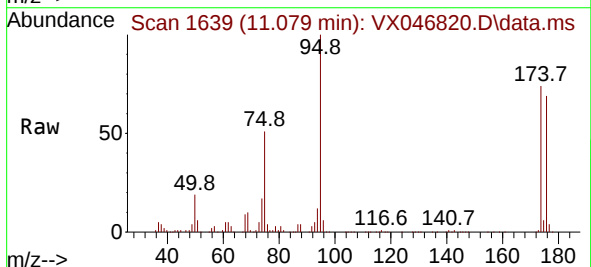
Instrument :
MSVOA_X
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IBLK

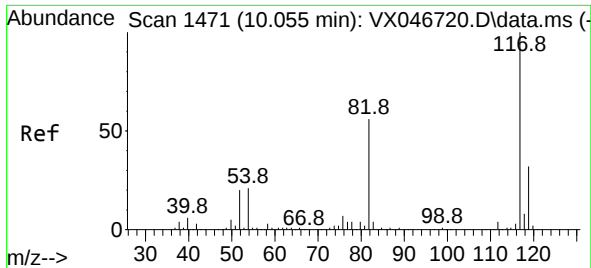
Tgt Ion: 98 Resp: 252932
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.164 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

Tgt Ion: 95 Resp: 96977
Ion Ratio Lower Upper
95 100
174 77.3 0.0 150.4
176 73.4 0.0 145.0

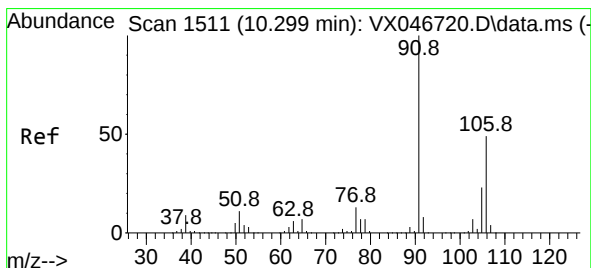
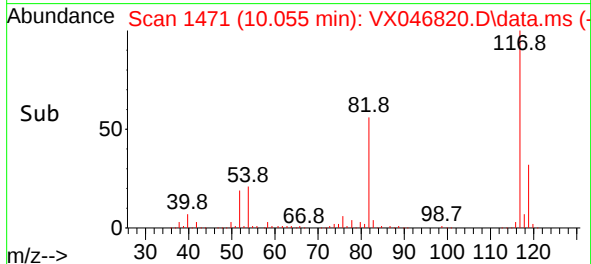
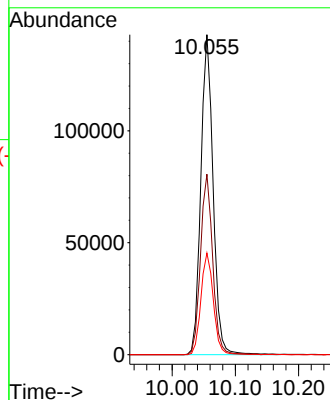
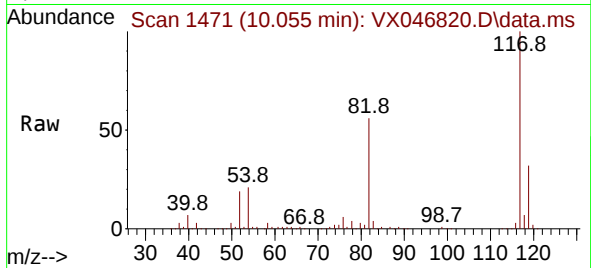




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

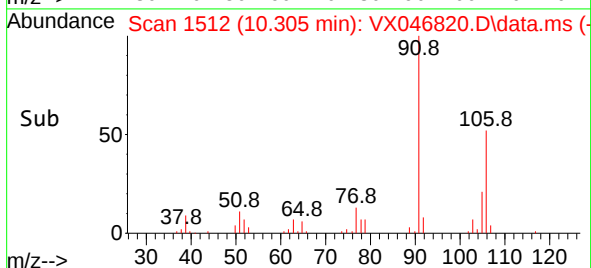
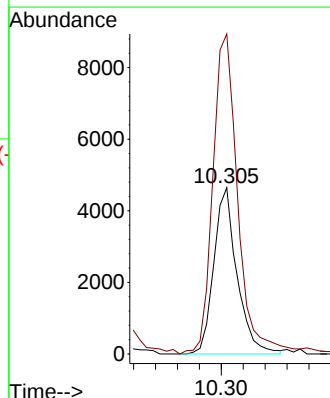
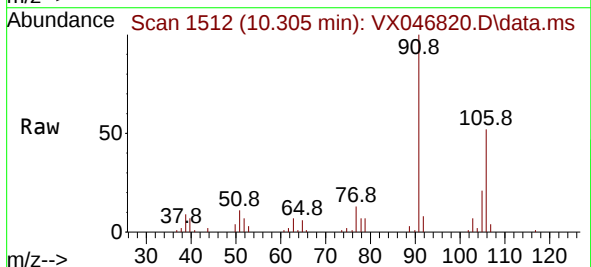
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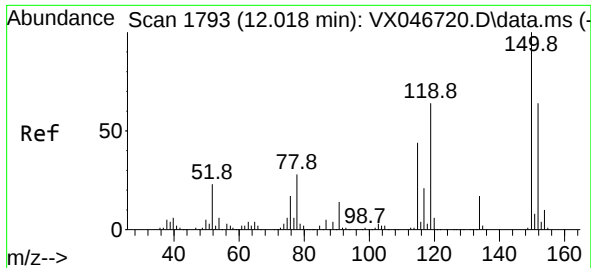
Tgt Ion:117 Resp: 193146
Ion Ratio Lower Upper
117 100
82 56.4 44.6 66.8
119 31.7 25.8 38.8



#68
m/p-Xylenes
Concen: 2.457 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

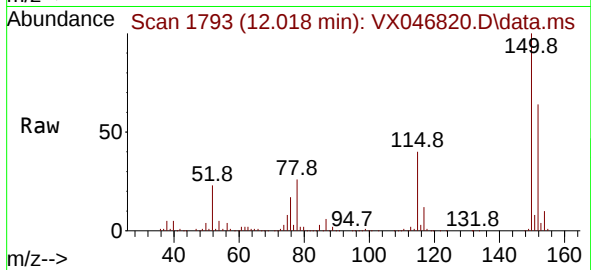
Tgt Ion:106 Resp: 6819
Ion Ratio Lower Upper
106 100
91 210.3 164.8 247.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046820.D
 Acq: 23 Jun 2025 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 97450
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.2 129.6
 150 156.7 0.0 346.8

