

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048094.D
 Acq On : 09 Oct 2025 17:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:29:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

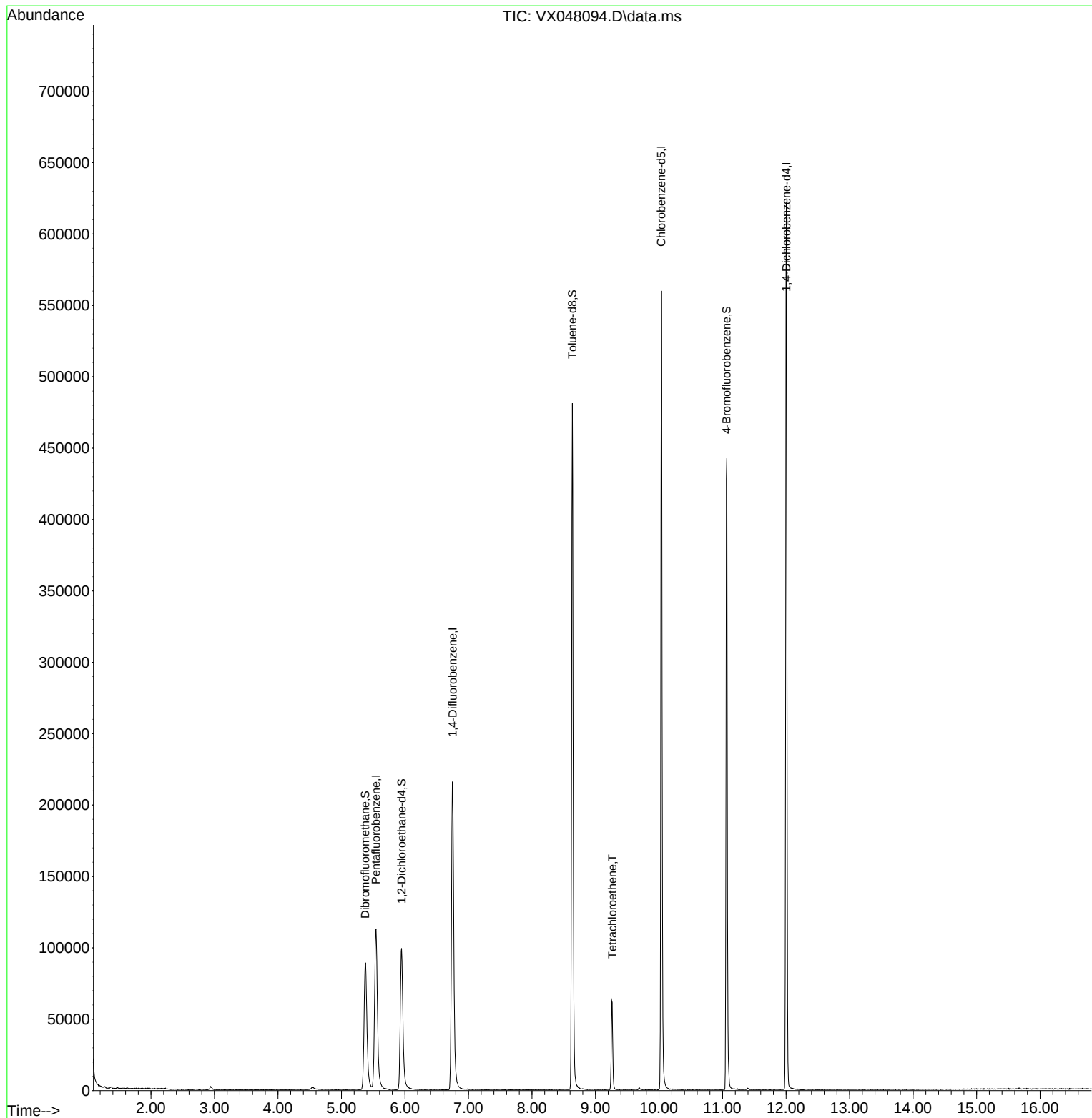
Internal Standards						
1) Pentafluorobenzene	5.543	168	114593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	235882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108869	59.686	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 119.380%#	
35) Dibromofluoromethane	5.373	113	87001	54.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.000%	
50) Toluene-d8	8.634	98	299388	54.694	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	11.061	95	129486	62.330	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 124.660%#	
Target Compounds						
					Qvalue	
64) Tetrachloroethene	9.262	164	12332	7.478	ug/l	96

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

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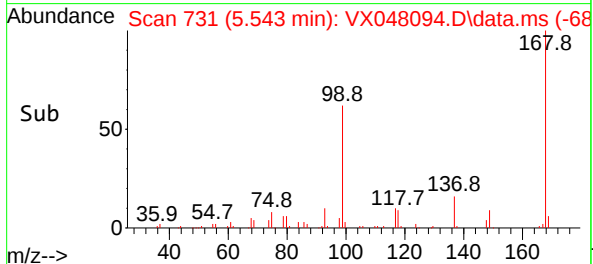
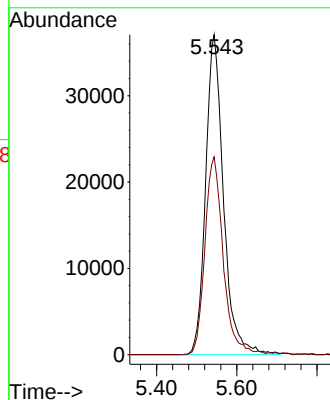
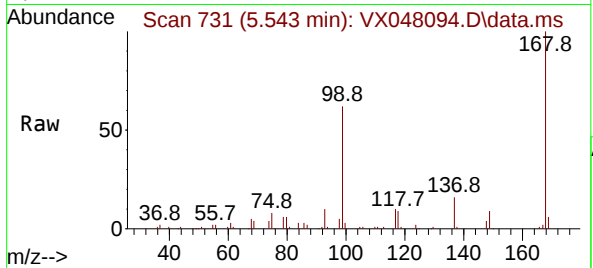




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.001 min
Lab File: VX048094.D
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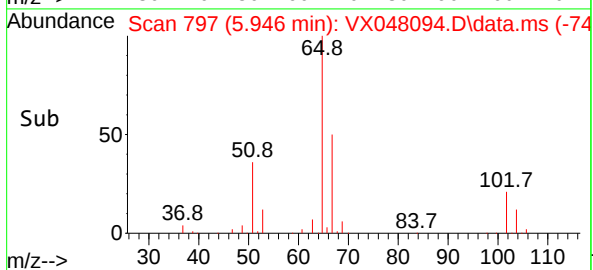
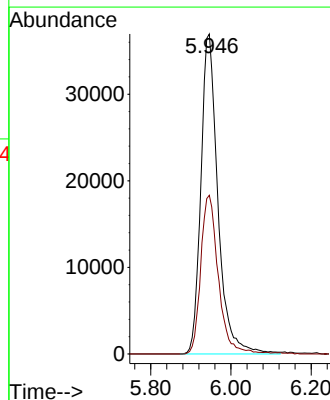
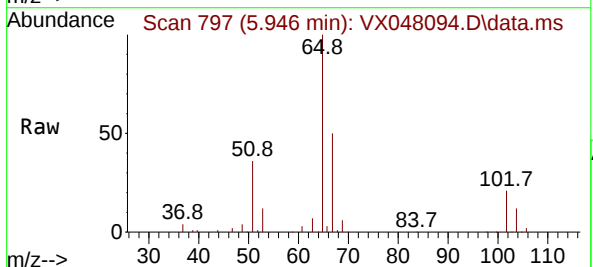
Instrument :
MSVOA_X
ClientSampleId :
IBLK

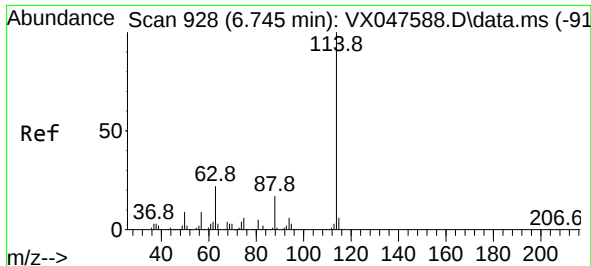
Tgt Ion:168 Resp: 114593
Ion Ratio Lower Upper
168 100
99 61.8 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 59.686 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

Tgt Ion: 65 Resp: 108869
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

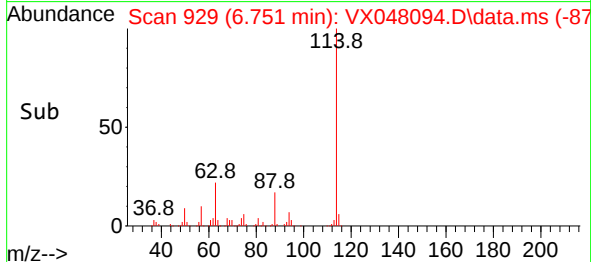
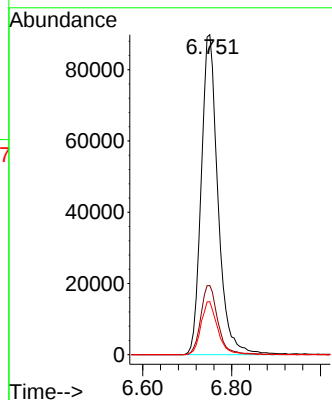
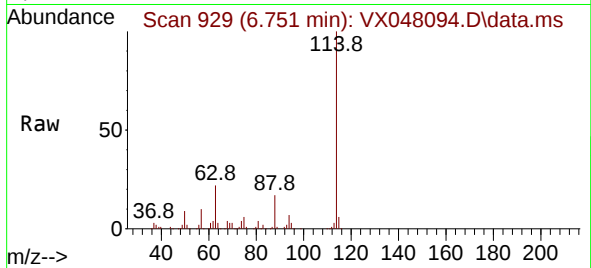




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

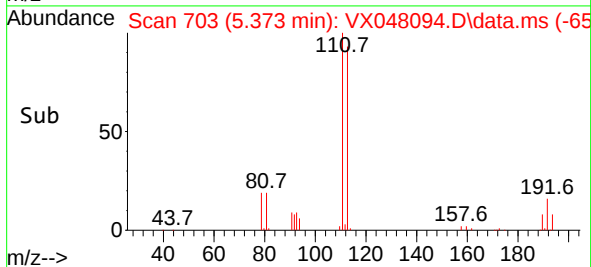
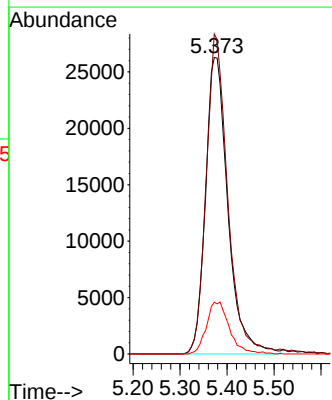
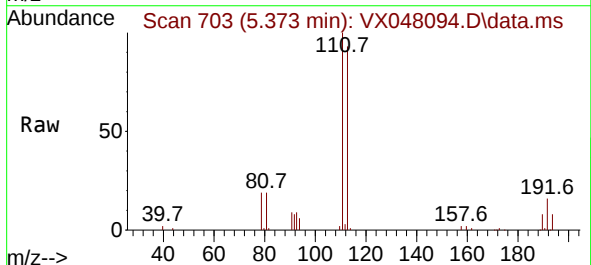
Instrument :
MSVOA_X
ClientSampleId :
IBLK

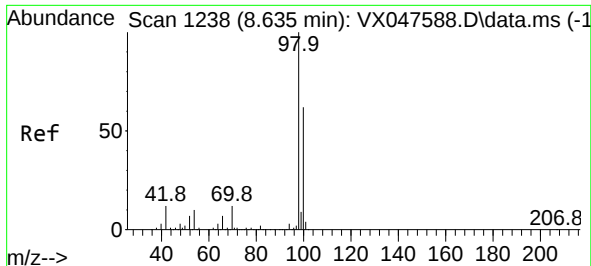
Tgt Ion:114 Resp: 235882
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 54.996 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

Tgt Ion:113 Resp: 87001
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 18.0 14.2 21.4

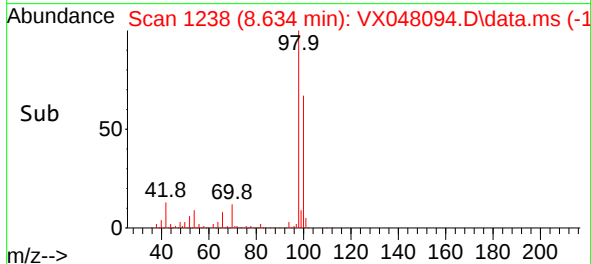
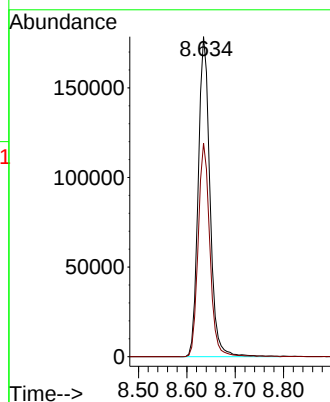
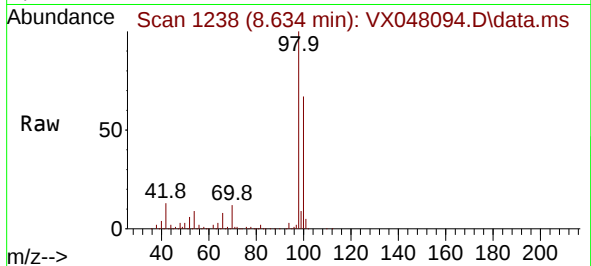




#50
Toluene-d8
Concen: 54.694 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

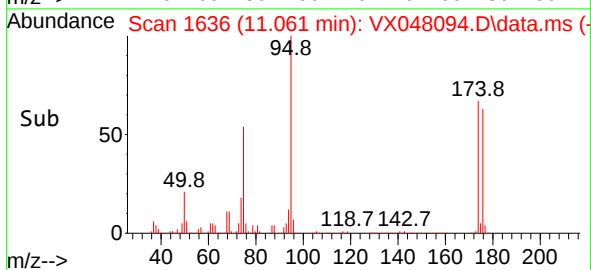
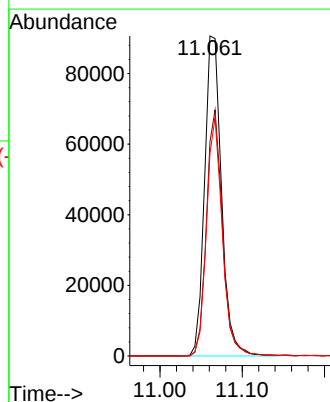
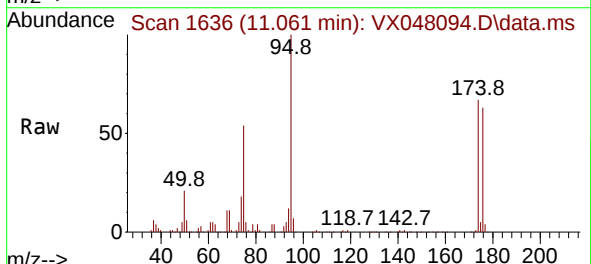
Instrument :
MSVOA_X
ClientSampleId :
IBLK

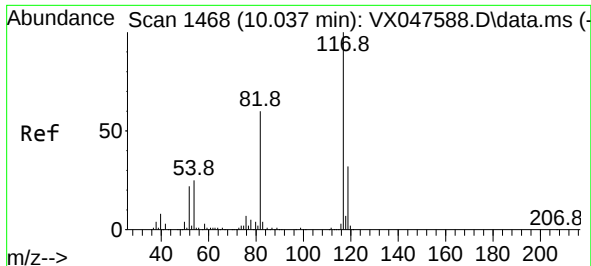
Tgt Ion: 98 Resp: 299388
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 62.330 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

Tgt Ion: 95 Resp: 129486
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.6
176 70.0 0.0 138.4

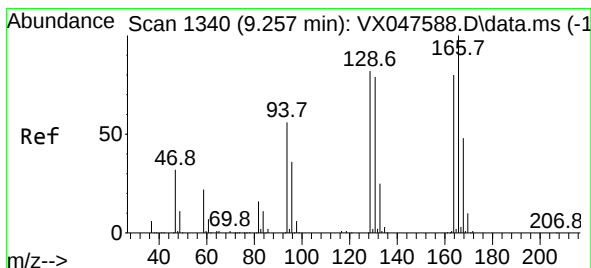
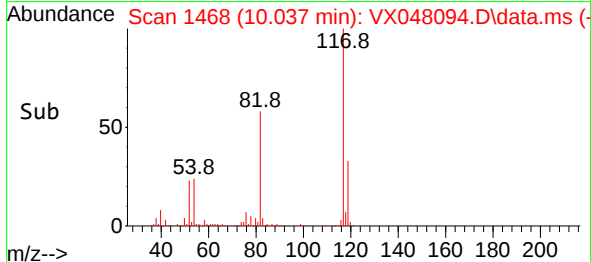
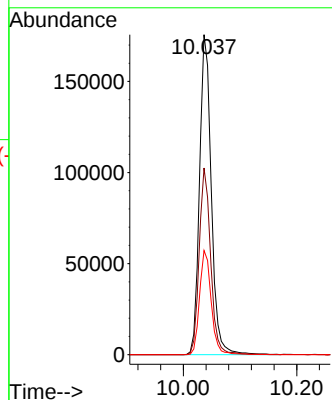
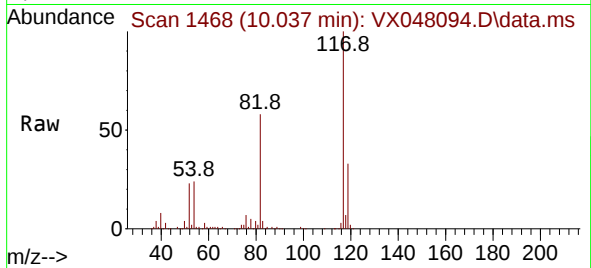




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

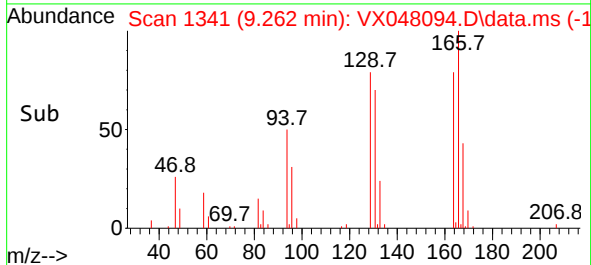
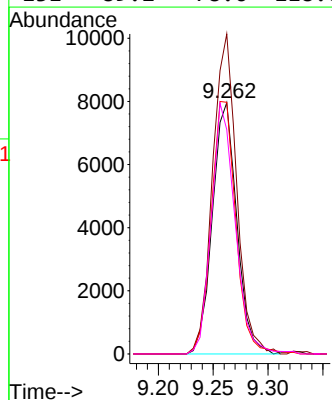
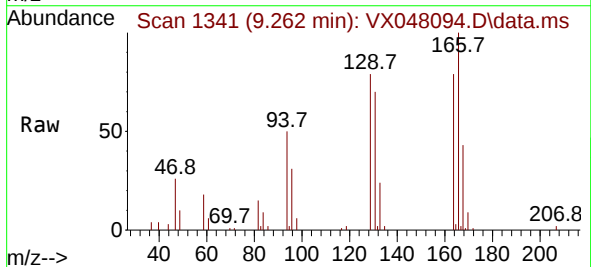
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 252976
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 32.6 25.2 37.8



#64
Tetrachloroethene
Concen: 7.478 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048094.D
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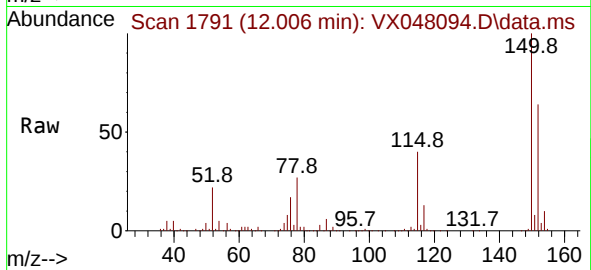
Tgt Ion:164 Resp: 12332
Ion Ratio Lower Upper
164 100
166 127.3 100.2 150.2
129 100.2 81.8 122.6
131 89.2 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048094.D
 Acq: 09 Oct 2025 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 128990
 Ion Ratio Lower Upper
 152 100
 115 63.2 44.9 134.5
 150 158.9 0.0 352.0

