

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048095.D
 Acq On : 09 Oct 2025 18:06
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:29:24 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)

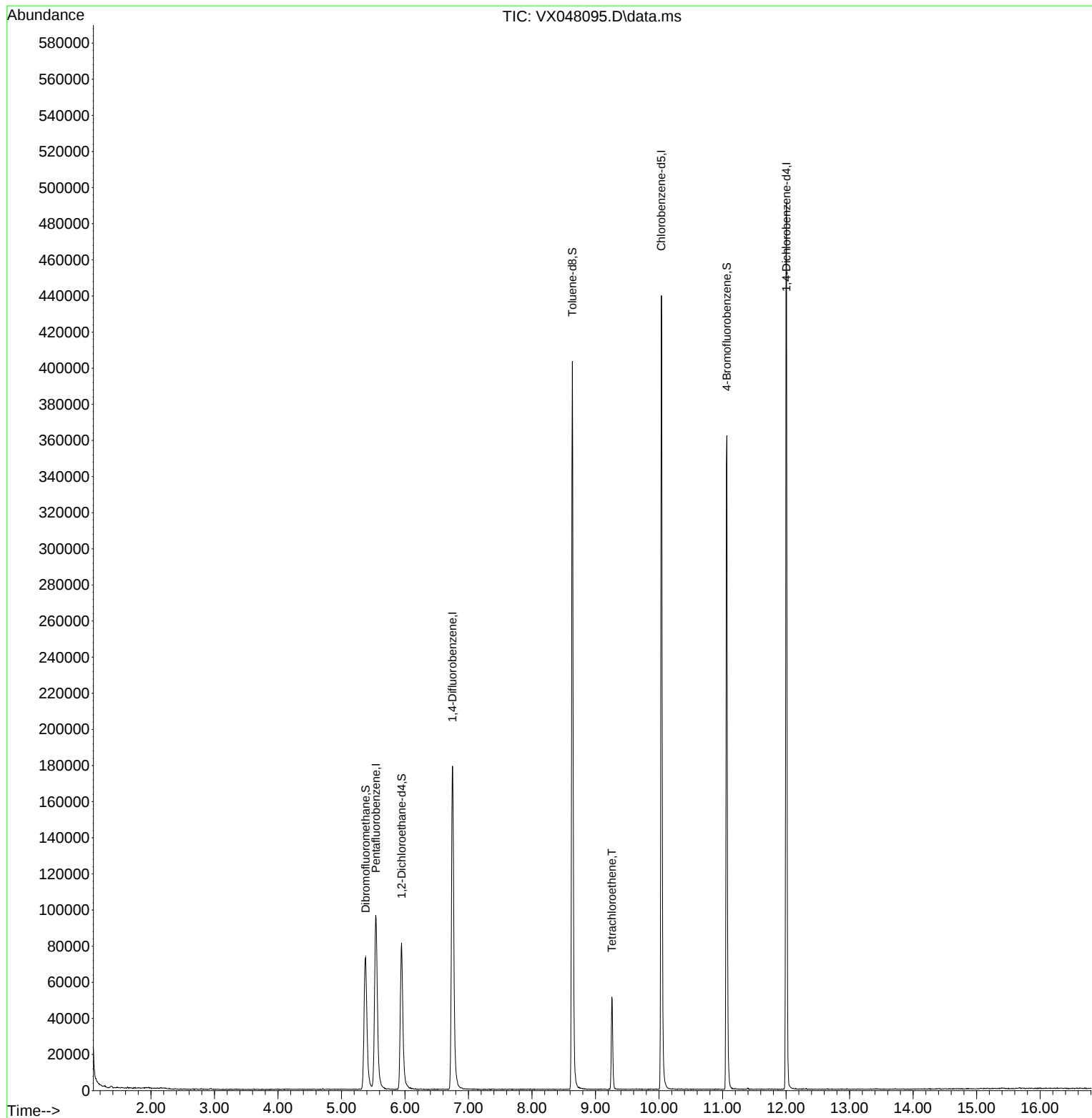
Internal Standards						
1) Pentafluorobenzene	5.544	168	97761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	197230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87252	56.071	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.140%	
35) Dibromofluoromethane	5.379	113	72578	54.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.740%	
50) Toluene-d8	8.635	98	249845	54.588	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.180%	
62) 4-Bromofluorobenzene	11.067	95	105156	60.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.080%	
Target Compounds						
64) Tetrachloroethene	9.256	164	10189	7.503	ug/l	Qvalue 94

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

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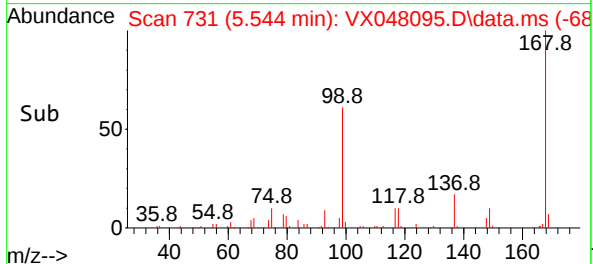
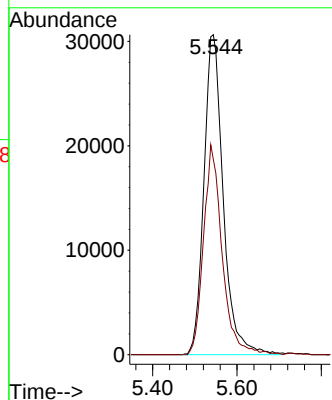
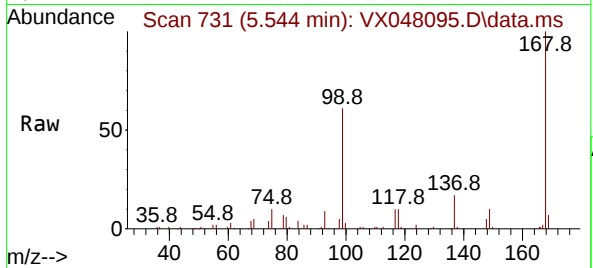




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048095.D
Acq: 09 Oct 2025 18:06

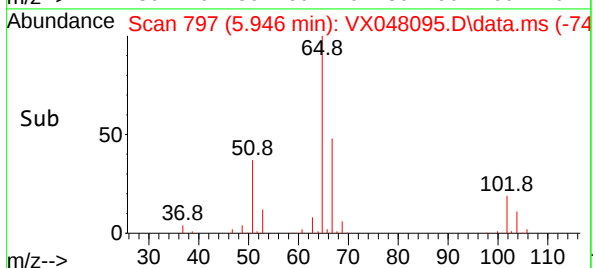
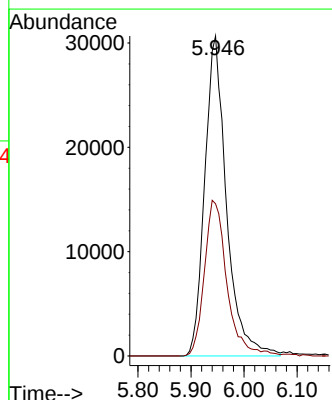
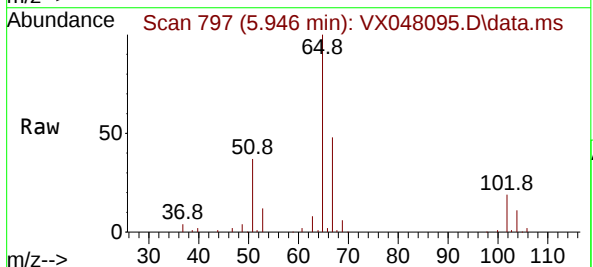
Instrument :
MSVOA_X
ClientSampleId :
IBLK

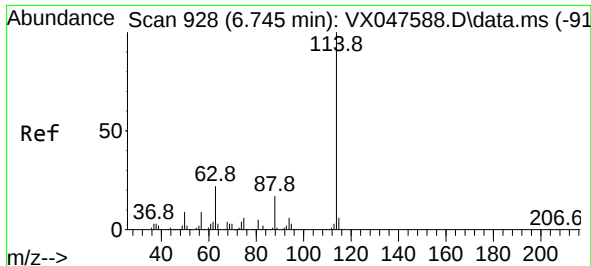
Tgt Ion:168 Resp: 97761
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 56.071 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048095.D
Acq: 09 Oct 2025 18:06

Tgt Ion: 65 Resp: 87252
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0

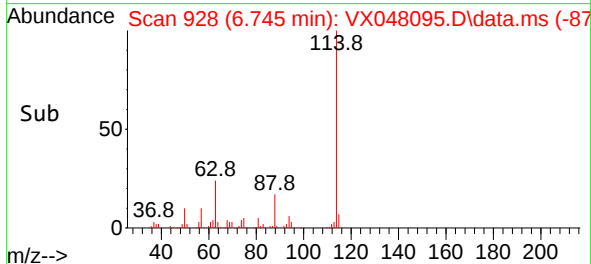
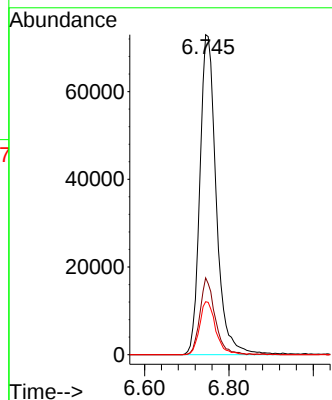
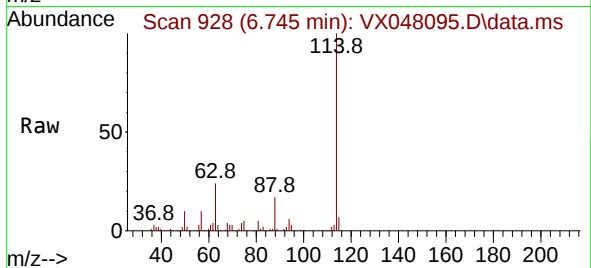




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048095.D
Acq: 09 Oct 2025 18:06

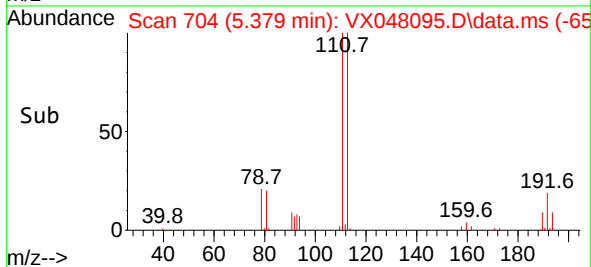
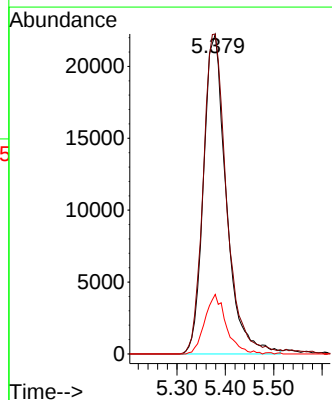
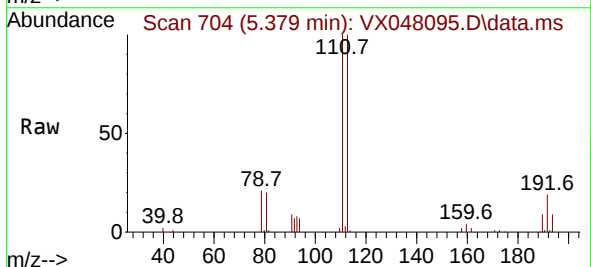
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 197230
Ion Ratio Lower Upper
114 100
63 24.0 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 54.870 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048095.D
Acq: 09 Oct 2025 18:06

Tgt Ion:113 Resp: 72578
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 17.4 14.2 21.4

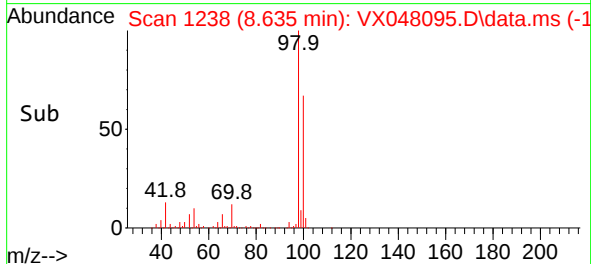
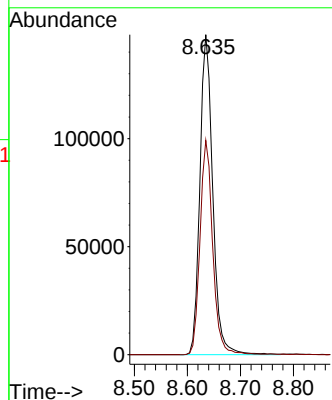
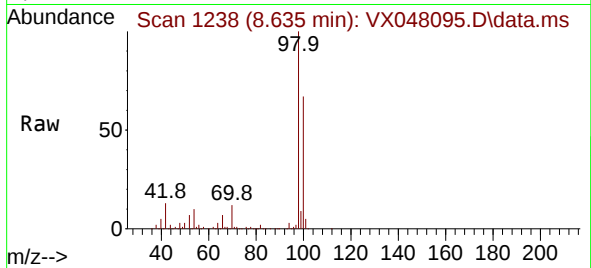




#50
Toluene-d8
Concen: 54.588 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048095.D
Acq: 09 Oct 2025 18:06

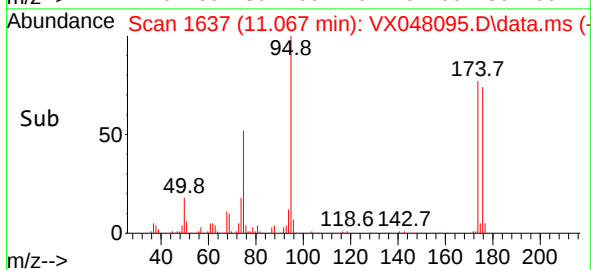
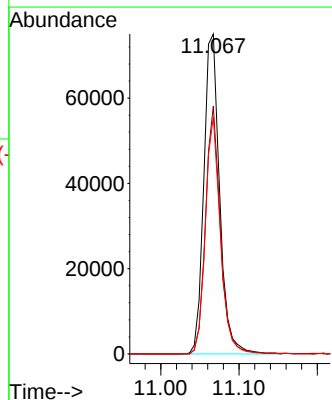
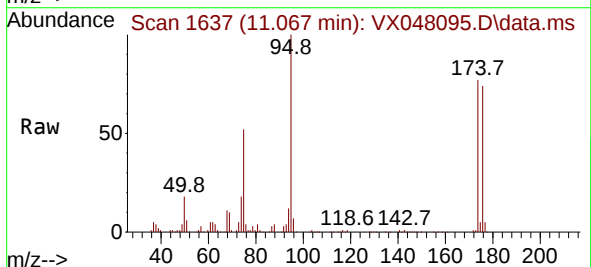
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 249845
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 60.538 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048095.D
Acq: 09 Oct 2025 18:06

Tgt Ion: 95 Resp: 105156
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 70.1 0.0 138.4

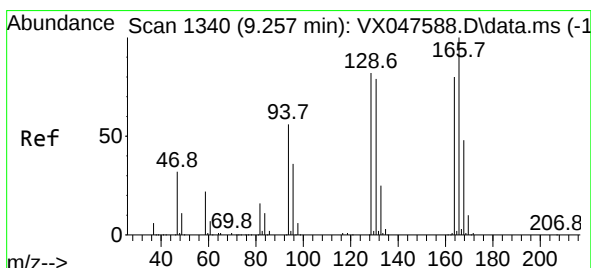
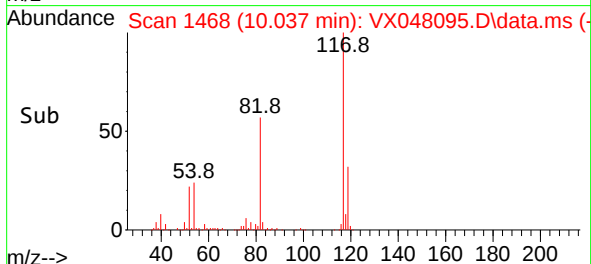
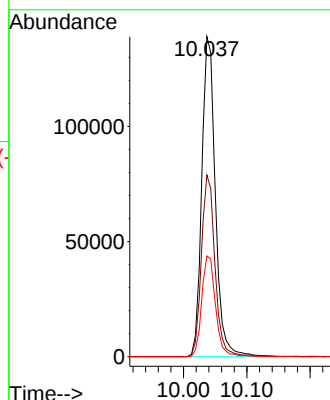
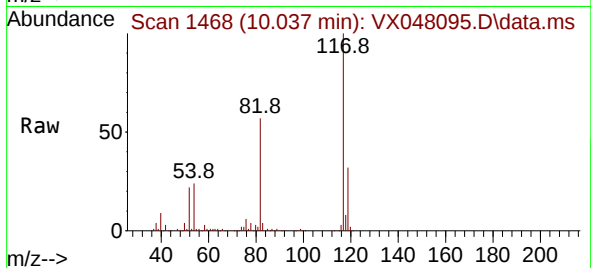




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048095.D
Acq: 09 Oct 2025 18:06

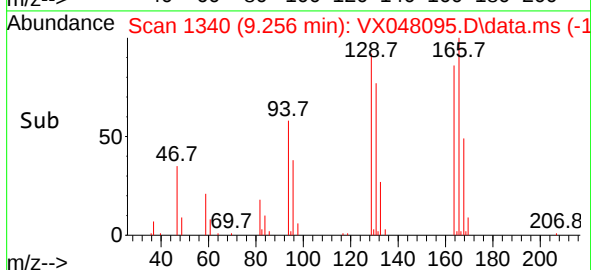
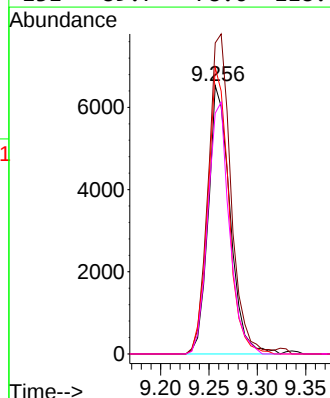
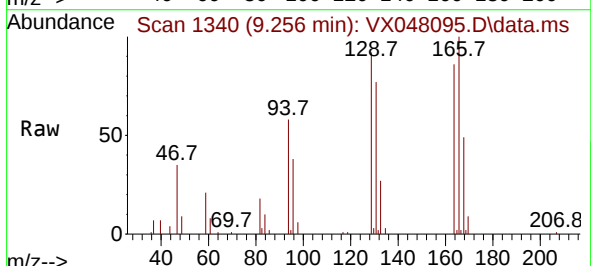
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 208318
Ion Ratio Lower Upper
117 100
82 56.7 47.8 71.6
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 7.503 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048095.D
Acq: 09 Oct 2025 18:06

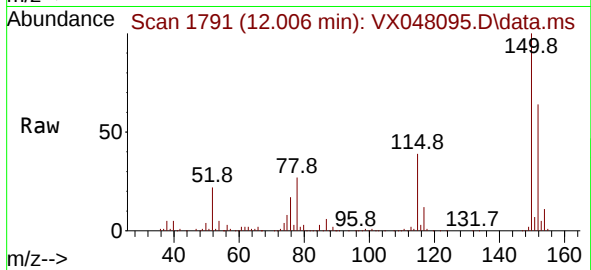
Tgt Ion:164 Resp: 10189
Ion Ratio Lower Upper
164 100
166 118.0 100.2 150.2
129 106.8 81.8 122.6
131 89.7 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048095.D
 Acq: 09 Oct 2025 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 103947
 Ion Ratio Lower Upper
 152 100
 115 61.7 44.9 134.5
 150 156.7 0.0 352.0

