

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048091.D
 Acq On : 09 Oct 2025 16:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:27:42 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)

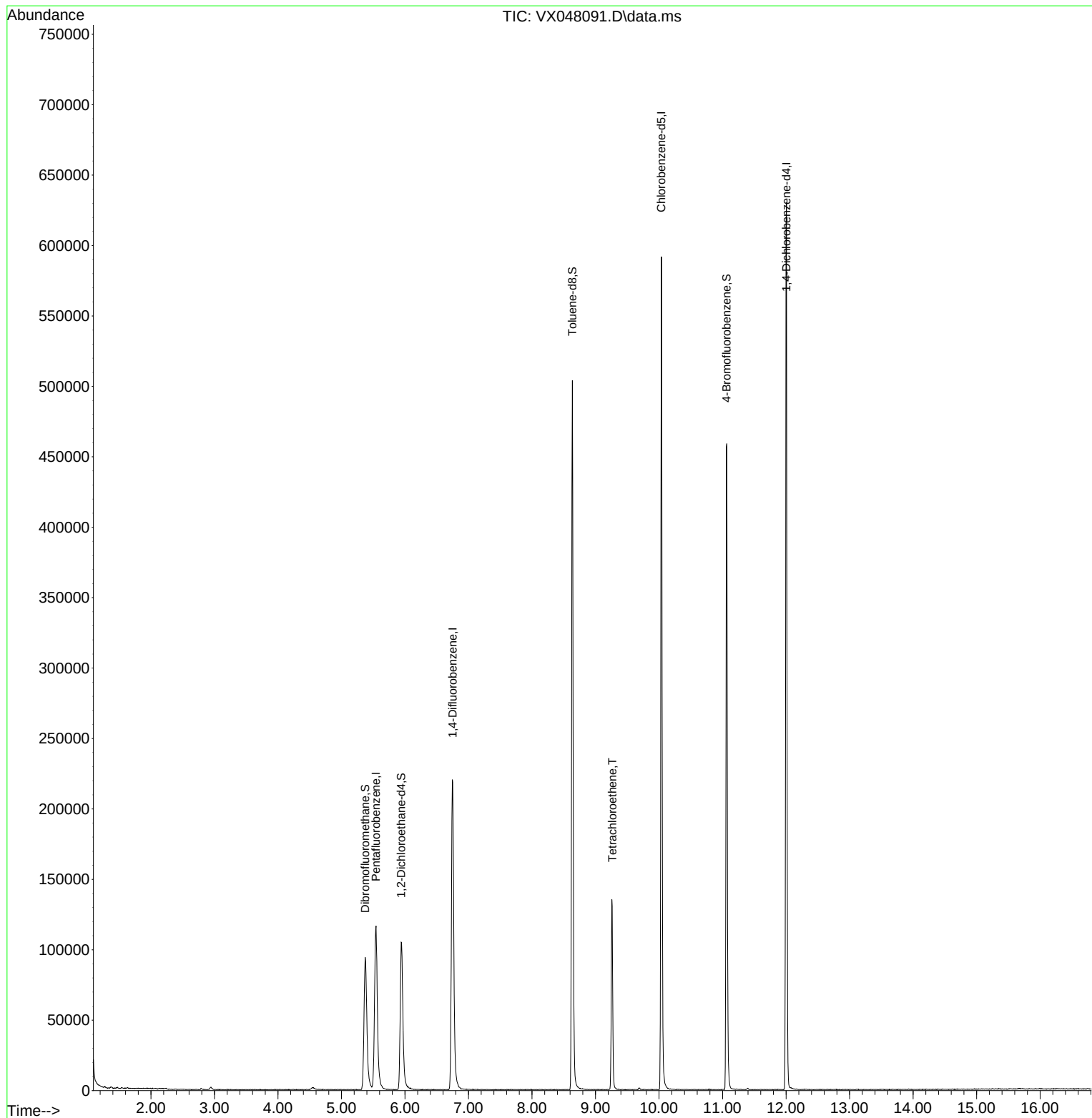
Internal Standards						
1) Pentafluorobenzene	5.544	168	115160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	244265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	263898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	115943	63.251	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	126.500%#
35) Dibromofluoromethane	5.373	113	91850	56.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.140%
50) Toluene-d8	8.635	98	308899	54.495	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.980%
62) 4-Bromofluorobenzene	11.061	95	136952	63.661	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	127.320%#
Target Compounds						
						Qvalue
64) Tetrachloroethene	9.263	164	26210	15.235	ug/l	93

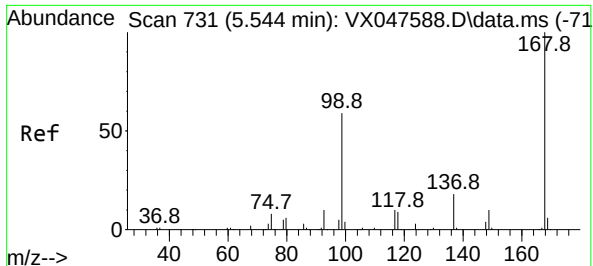
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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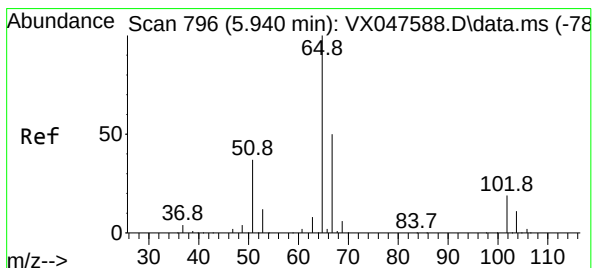
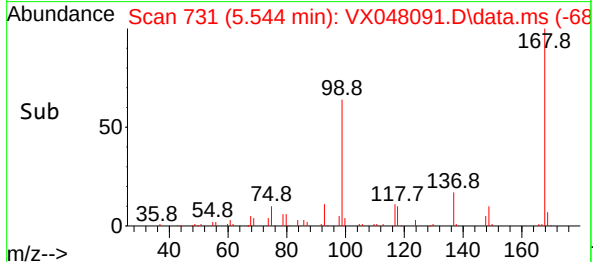
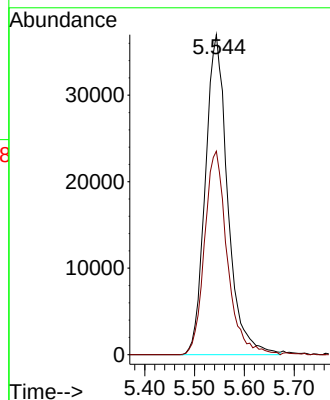
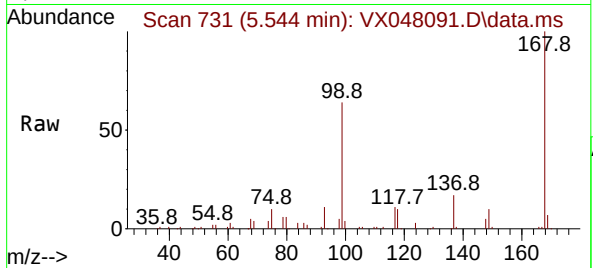




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

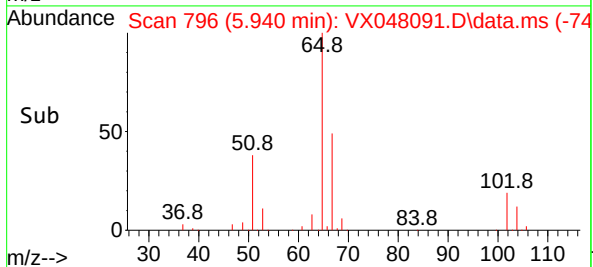
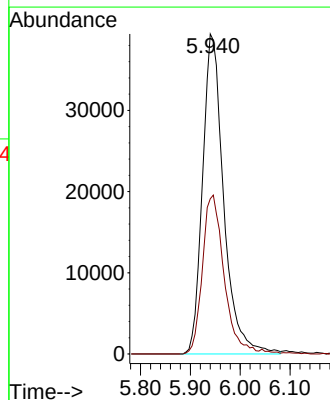
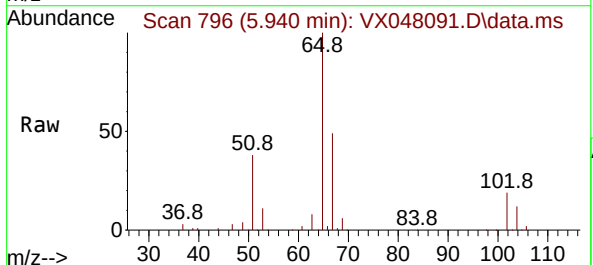
Instrument :
MSVOA_X
ClientSampleId :
IBLK

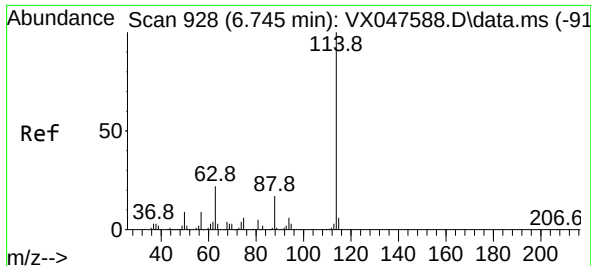
Tgt Ion:168 Resp: 115160
Ion Ratio Lower Upper
168 100
99 63.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 63.251 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Tgt Ion: 65 Resp: 115943
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

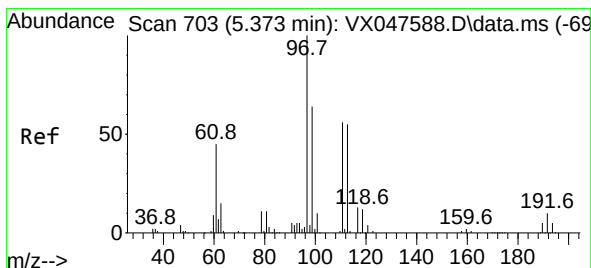
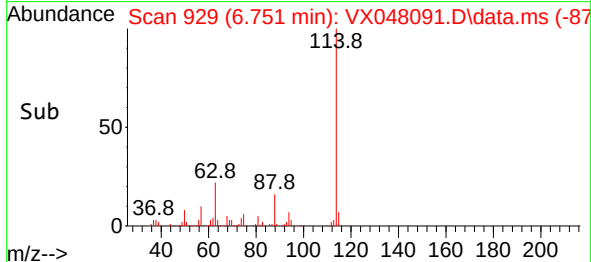
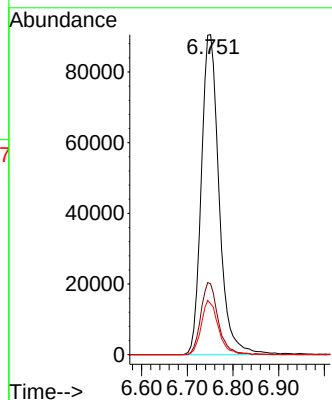
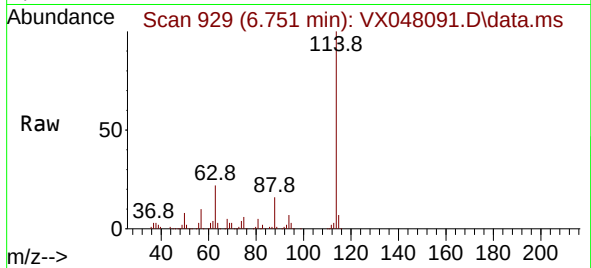




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

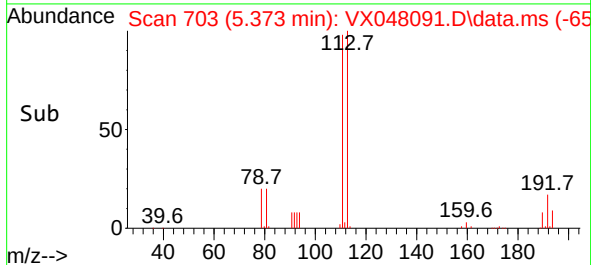
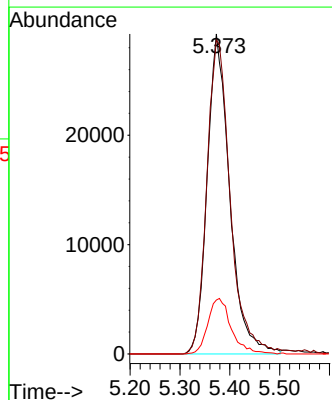
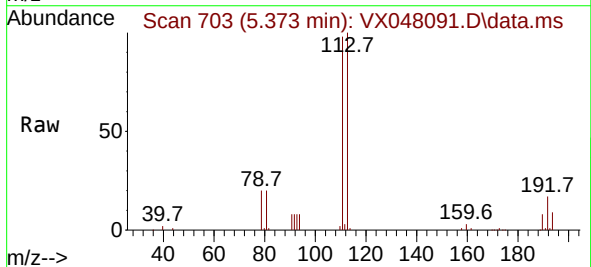
Instrument :
MSVOA_X
ClientSampleId :
IBLK

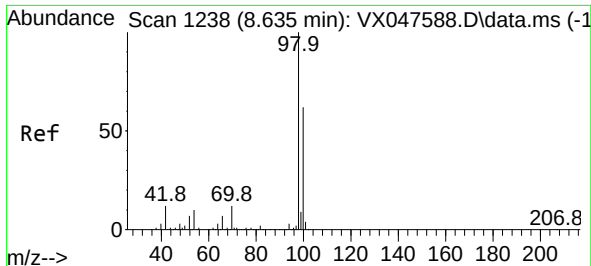
Tgt Ion:114 Resp: 244265
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 15.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 56.068 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Tgt Ion:113 Resp: 91850
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 18.0 14.2 21.4

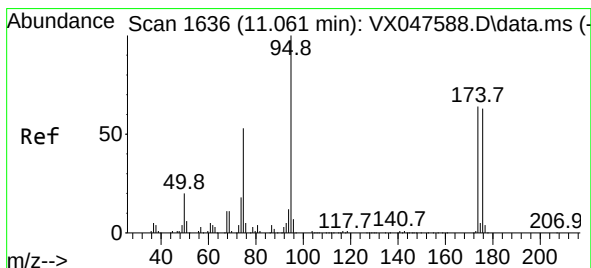
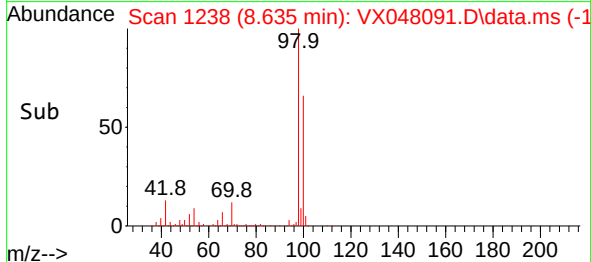
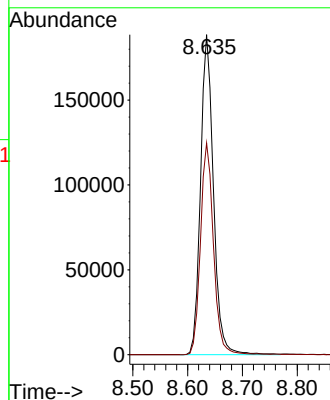
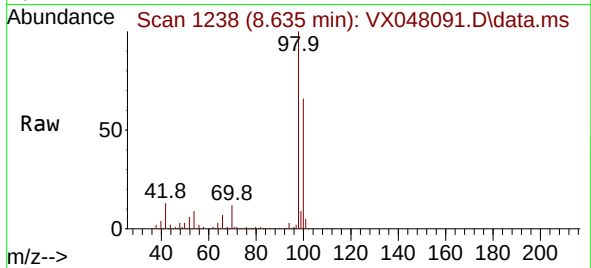




#50
Toluene-d8
Concen: 54.495 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

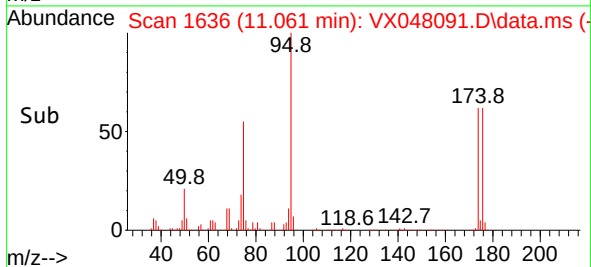
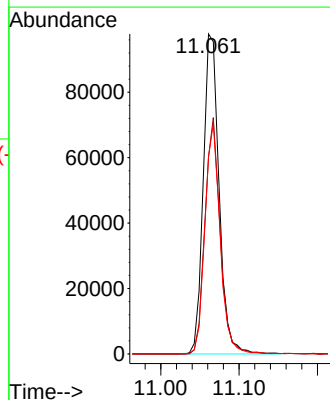
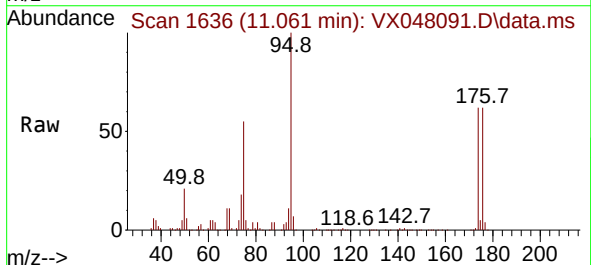
Instrument :
MSVOA_X
ClientSampleId :
IBLK

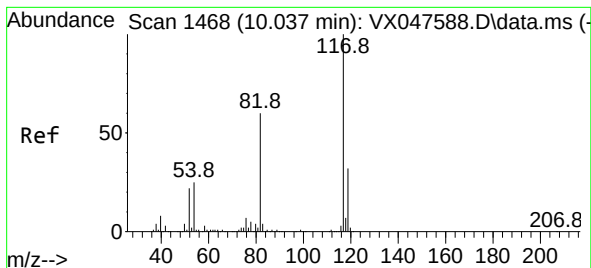
Tgt Ion: 98 Resp: 308899
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 63.661 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Tgt Ion: 95 Resp: 136952
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.6
176 69.2 0.0 138.4

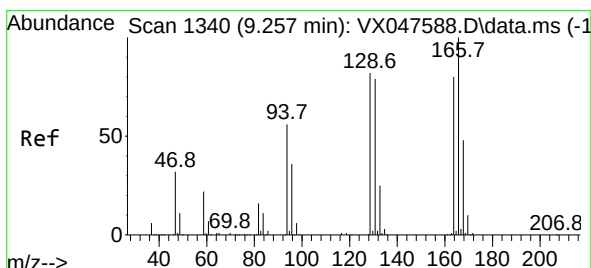
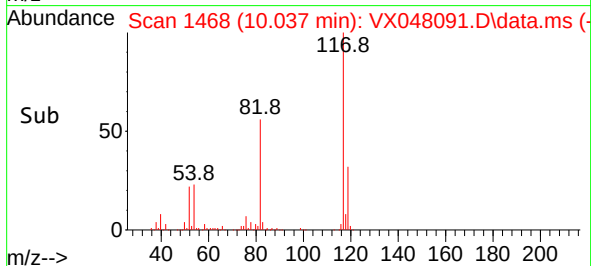
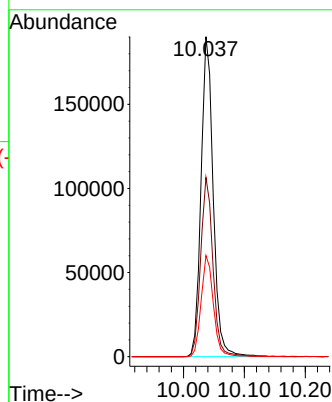
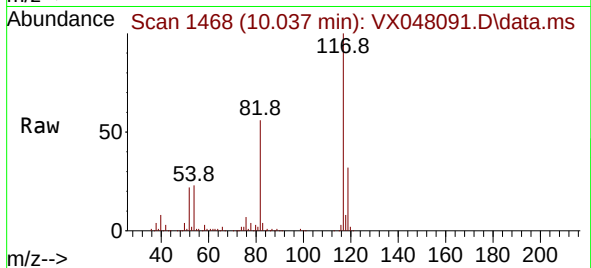




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

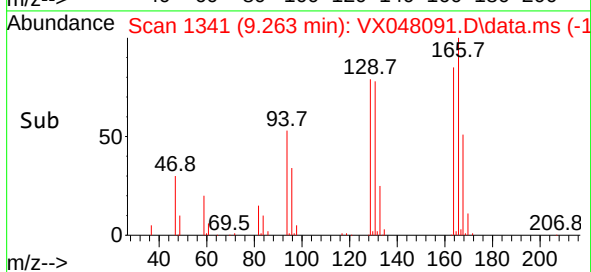
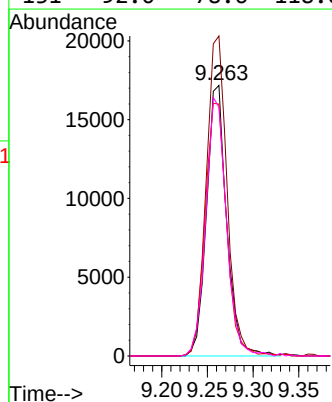
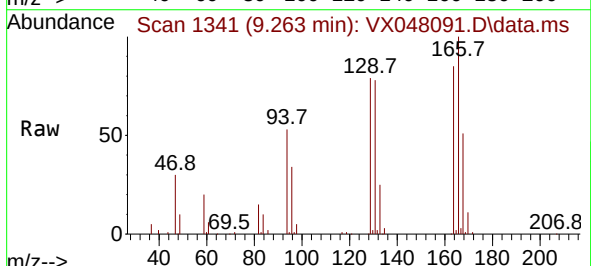
Instrument :
MSVOA_X
ClientSampleId :
IBLK

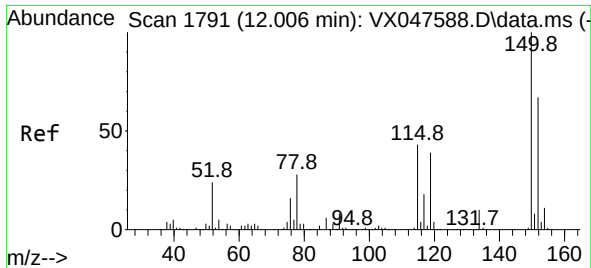
Tgt Ion:117 Resp: 263898
Ion Ratio Lower Upper
117 100
82 56.0 47.8 71.6
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: 15.235 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

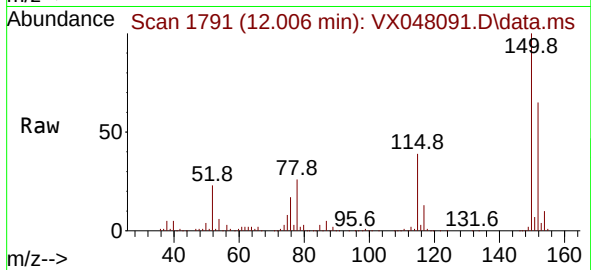
Tgt Ion:164 Resp: 26210
Ion Ratio Lower Upper
164 100
166 118.3 100.2 150.2
129 93.1 81.8 122.6
131 92.0 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048091.D
 Acq: 09 Oct 2025 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 134428
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.9 134.5
 150 157.6 0.0 352.0

