

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048089.D
 Acq On : 09 Oct 2025 16:03
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:26:54 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)

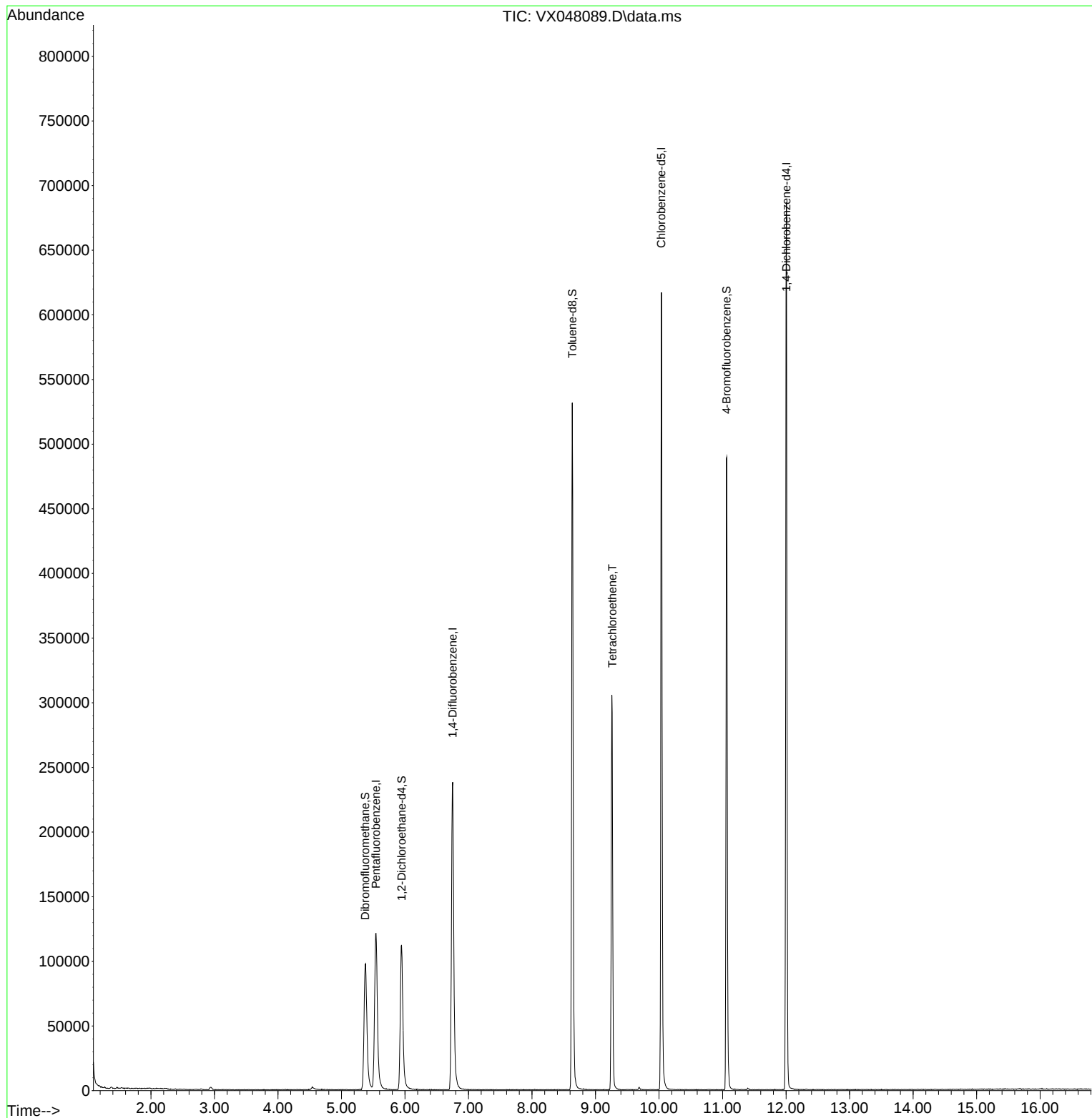
Internal Standards						
1) Pentafluorobenzene	5.544	168	121541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	257289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	276291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	122618	63.381	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 126.760%#	
35) Dibromofluoromethane	5.373	113	96561	55.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.920%	
50) Toluene-d8	8.634	98	326048	54.609	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.220%	
62) 4-Bromofluorobenzene	11.061	95	145788	64.338	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 128.680%#	
Target Compounds						
					Qvalue	
64) Tetrachloroethene	9.262	164	61009	33.873	ug/l	94

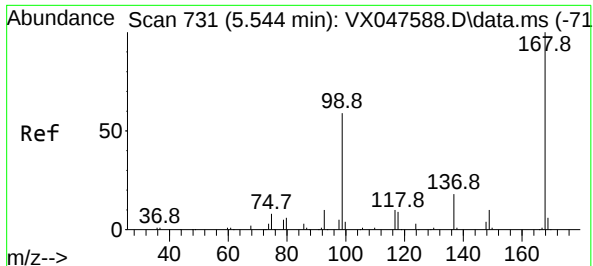
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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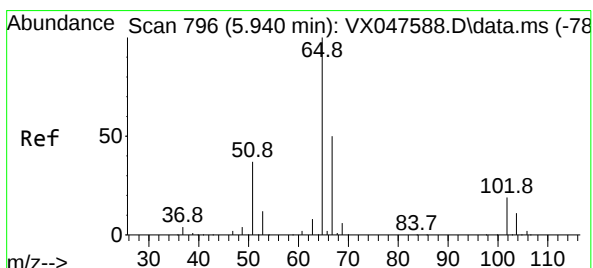
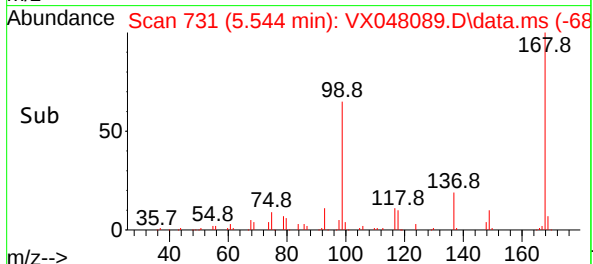
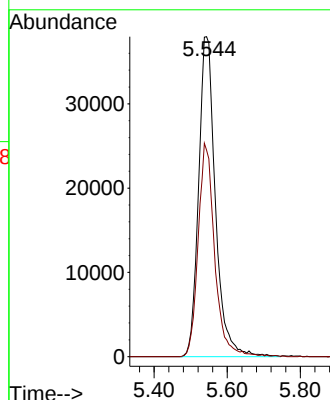
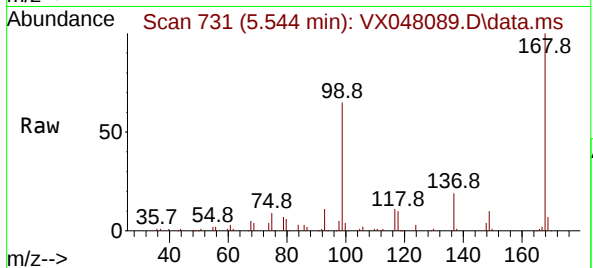




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX048089.D
Acq: 09 Oct 2025 16:03

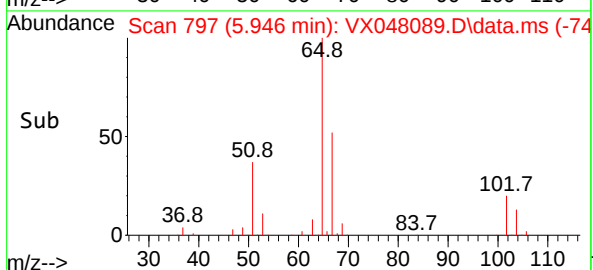
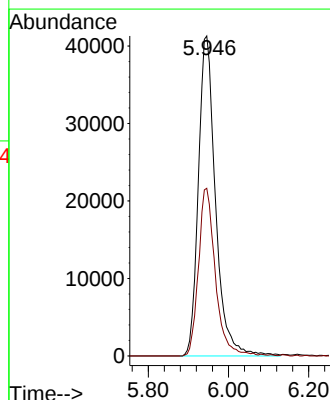
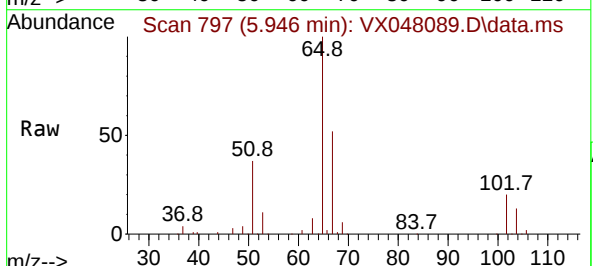
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 121541
Ion Ratio Lower Upper
168 100
99 64.5 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 63.381 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048089.D
Acq: 09 Oct 2025 16:03

Tgt Ion: 65 Resp: 122618
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

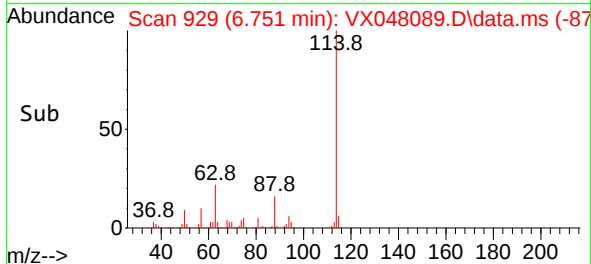
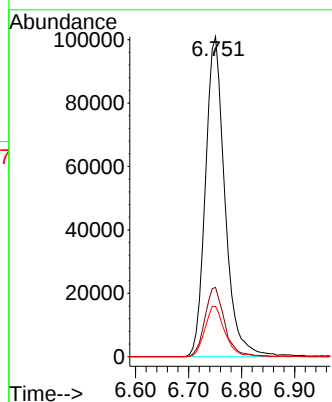
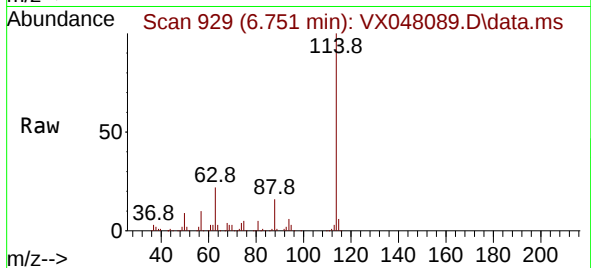




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048089.D
Acq: 09 Oct 2025 16:03

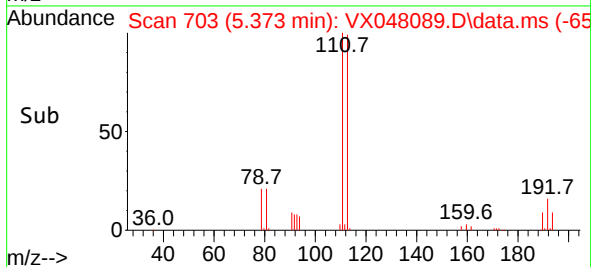
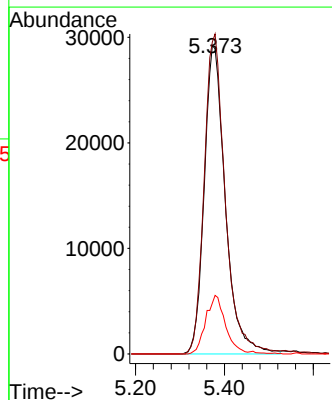
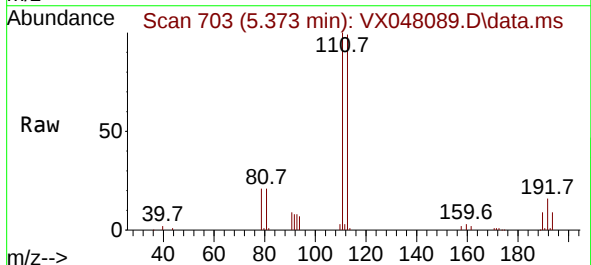
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 257289
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 15.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 55.960 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048089.D
Acq: 09 Oct 2025 16:03

Tgt Ion:113 Resp: 96561
Ion Ratio Lower Upper
113 100
111 103.2 80.9 121.3
192 17.6 14.2 21.4

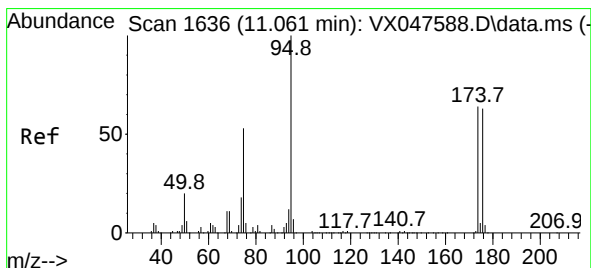
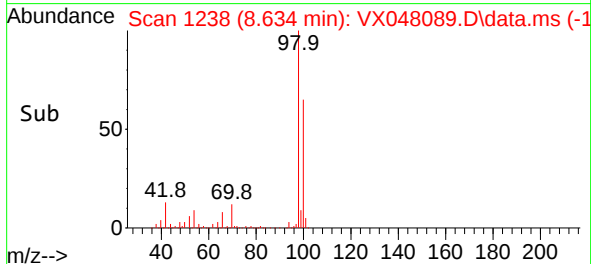
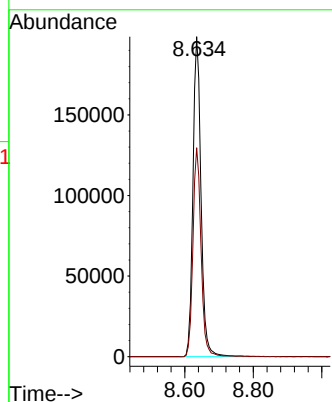
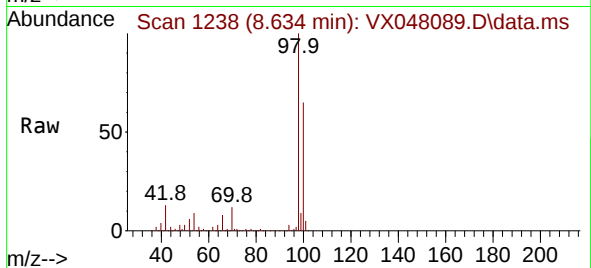




#50
Toluene-d8
Concen: 54.609 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048089.D
Acq: 09 Oct 2025 16:03

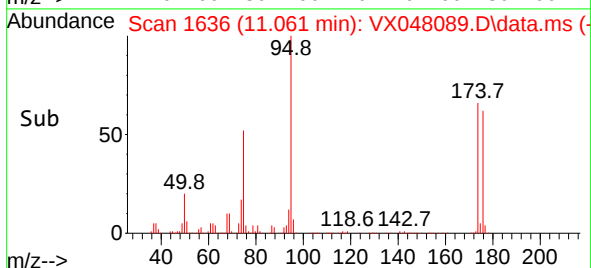
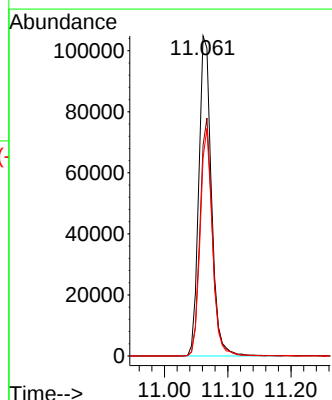
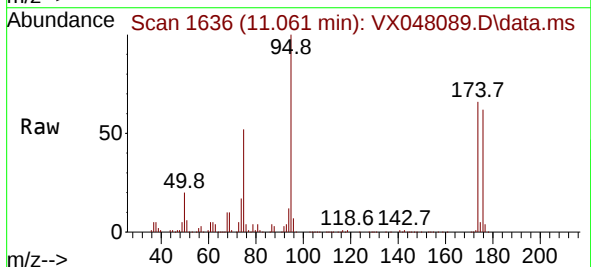
Instrument :
MSVOA_X
ClientSampleId :
IBLK

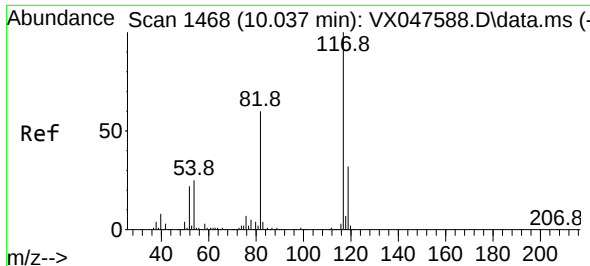
Tgt Ion: 98 Resp: 326048
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 64.338 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048089.D
Acq: 09 Oct 2025 16:03

Tgt Ion: 95 Resp: 145788
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 68.8 0.0 138.4

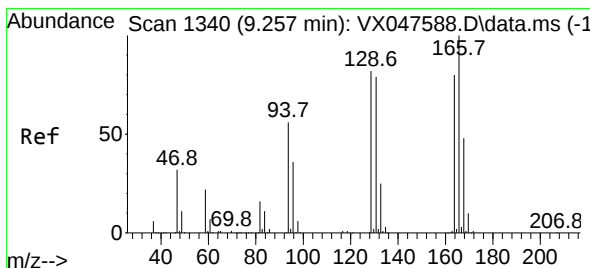
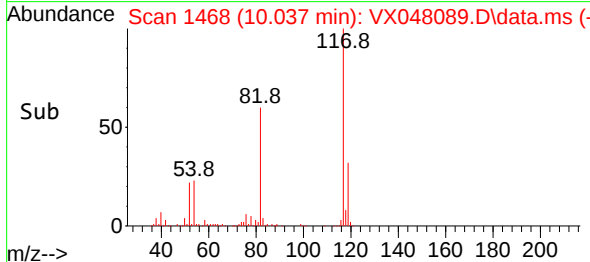
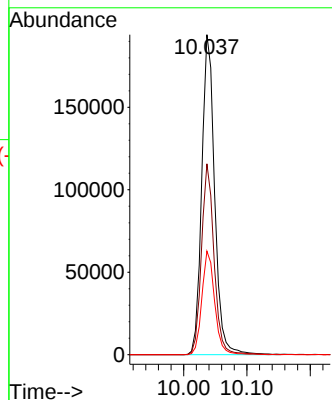
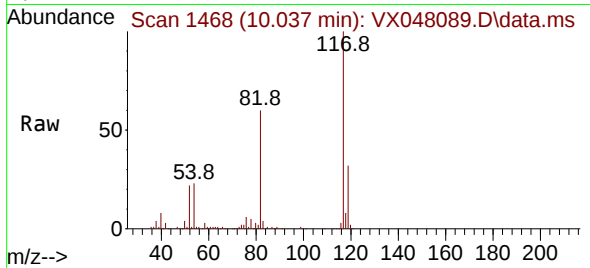




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048089.D
Acq: 09 Oct 2025 16:03

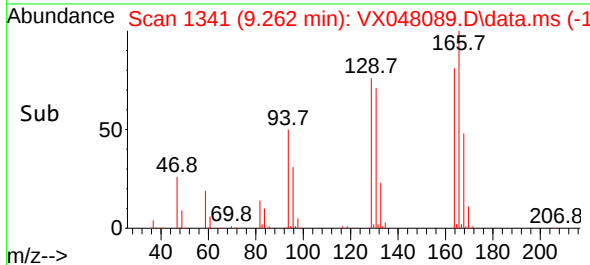
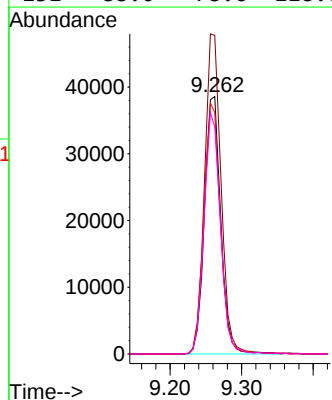
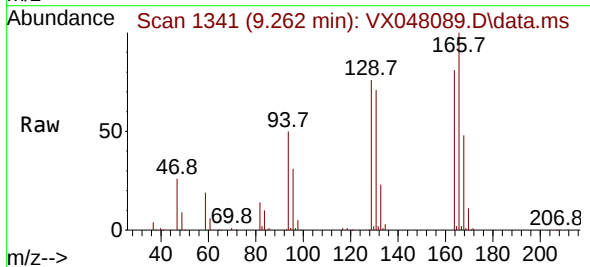
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 276291
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.6
119 32.4 25.2 37.8



#64
Tetrachloroethene
Concen: 33.873 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048089.D
Acq: 09 Oct 2025 16:03

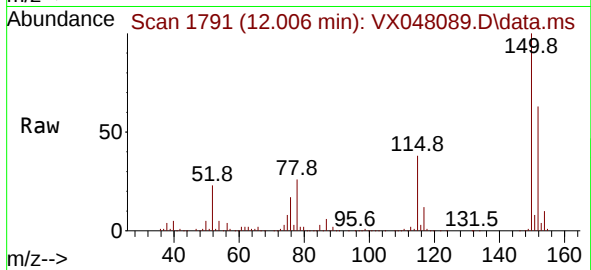
Tgt Ion:164 Resp: 61009
Ion Ratio Lower Upper
164 100
166 123.8 100.2 150.2
129 93.8 81.8 122.6
131 88.0 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048089.D
 Acq: 09 Oct 2025 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 143060
 Ion Ratio Lower Upper
 152 100
 115 62.6 44.9 134.5
 150 158.9 0.0 352.0

