

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048738.D
 Acq On : 05 Dec 2025 15:55
 Operator : JC/MD
 Sample : Q3789-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 05 22:06:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

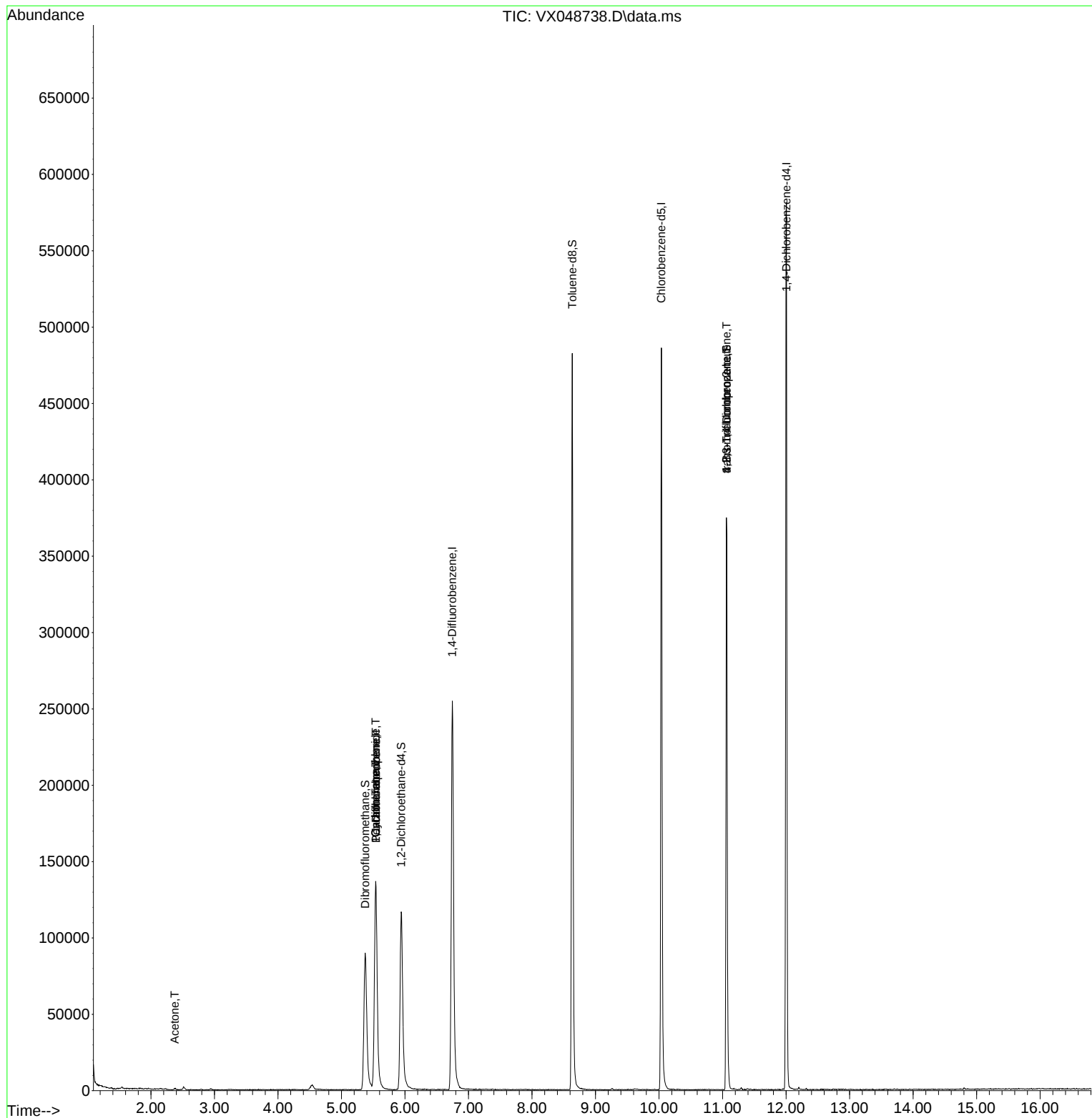
Internal Standards						
1) Pentafluorobenzene	5.544	168	140193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	290551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	224650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	128233	68.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 136.300%#	
35) Dibromofluoromethane	5.373	113	87231	43.603	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 87.200%	
50) Toluene-d8	8.635	98	293644	41.874	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 83.740%#	
62) 4-Bromofluorobenzene	11.061	95	104604	43.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.520%	
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1459	2.025	ug/l	94
31) Cyclohexane	5.538	56	2738	1.077	ug/l #	8
36) 1,1-Dichloropropene	5.544	75	11288	4.120	ug/l #	48
38) Carbon Tetrachloride	5.538	117	14798	4.768	ug/l #	13
76) 1,2,3-Trichloropropane	11.061	75	55059	22.790	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	55059	54.135	ug/l #	3
95) Naphthalene	13.749	128	213	Below Cal	#	69

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

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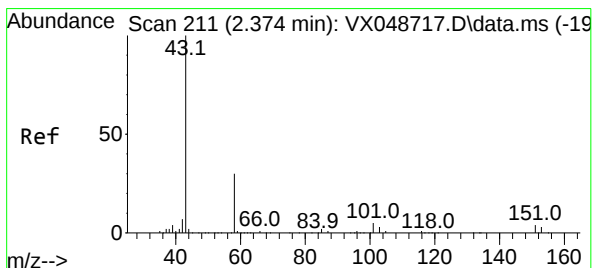
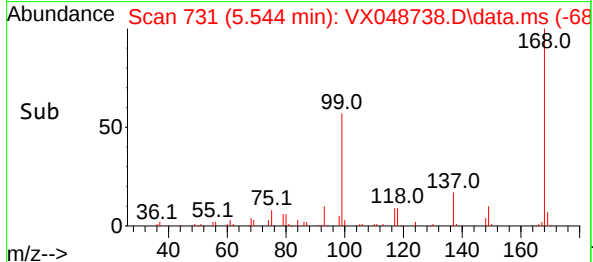
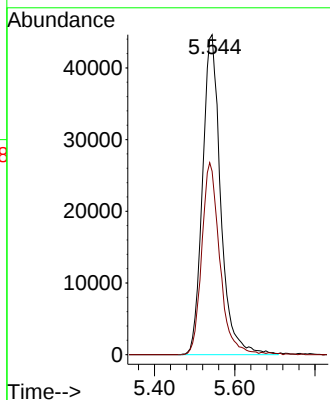
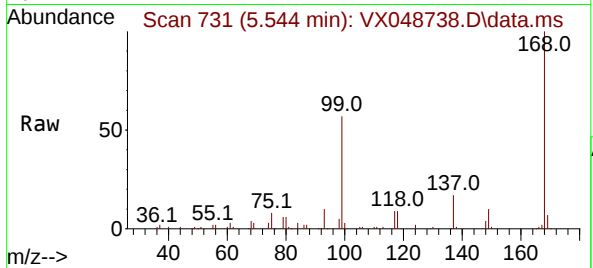




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

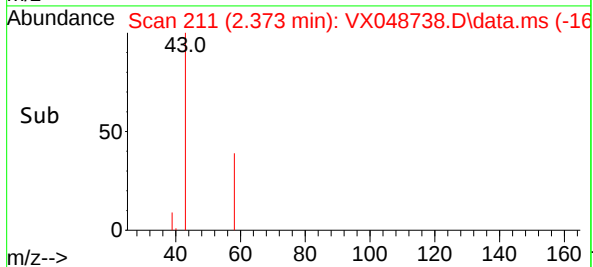
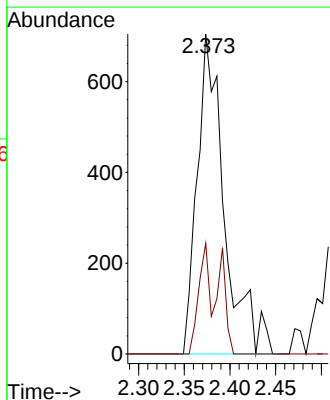
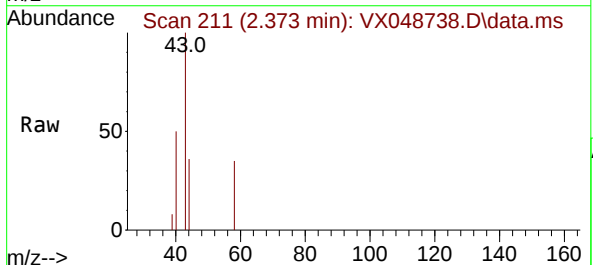
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

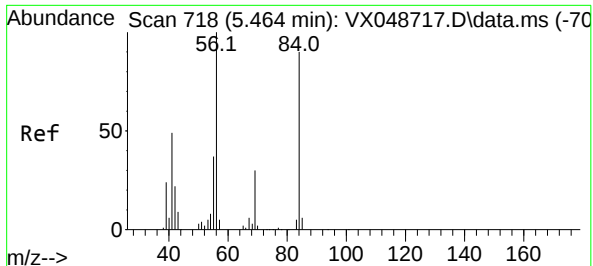
Tgt Ion:168 Resp: 140193
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#16
Acetone
Concen: 2.025 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
58 34.6 25.0 37.4

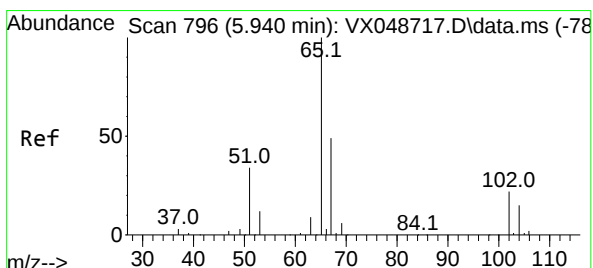
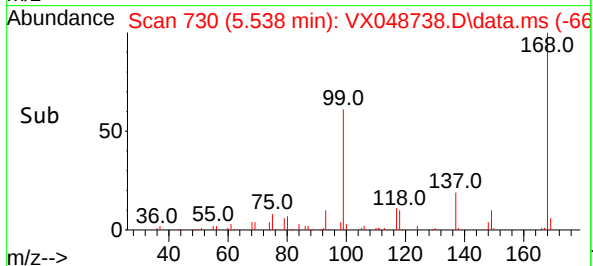
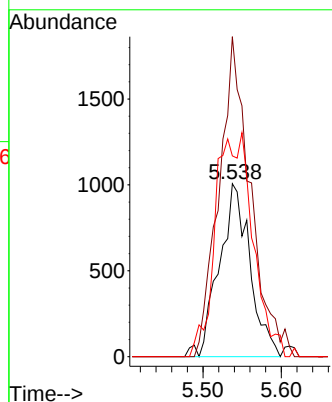
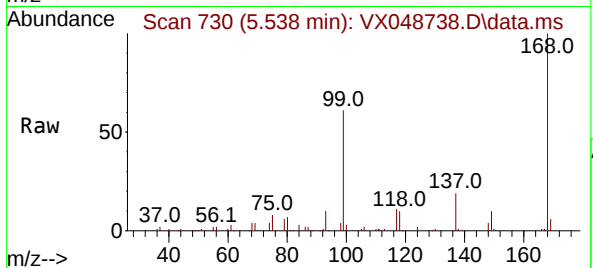




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

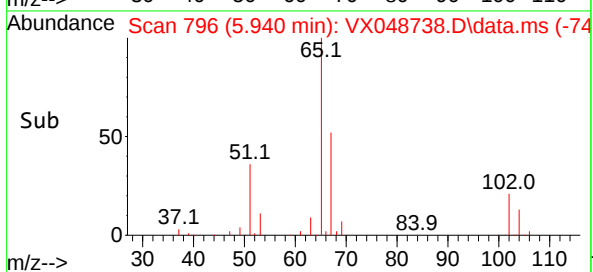
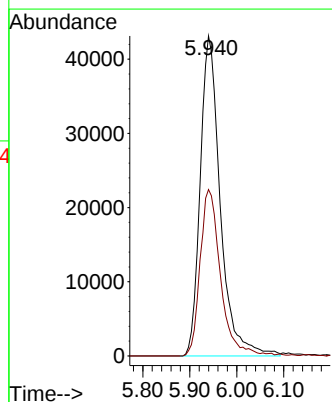
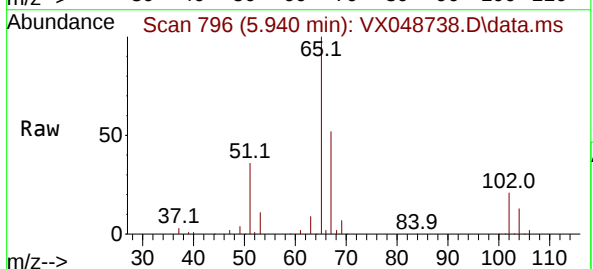
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

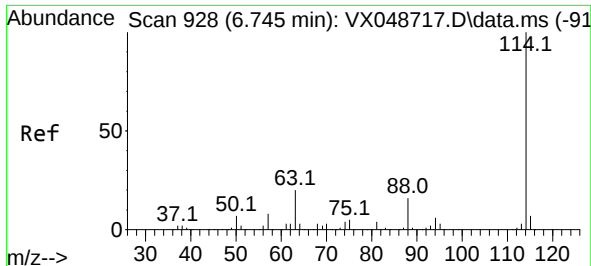
Tgt Ion: 56 Resp: 2738
Ion Ratio Lower Upper
56 100
69 185.0 24.2 36.2#
84 116.1 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 68.149 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

Tgt Ion: 65 Resp: 128233
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4

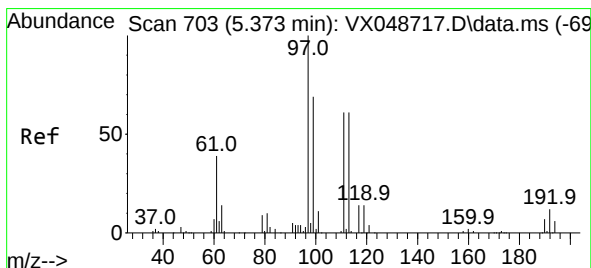
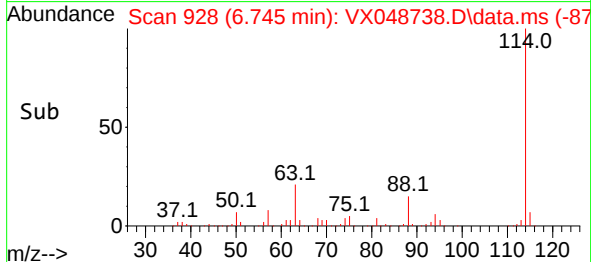
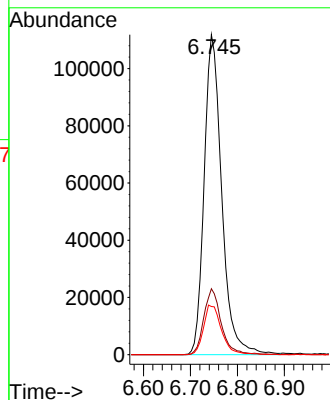
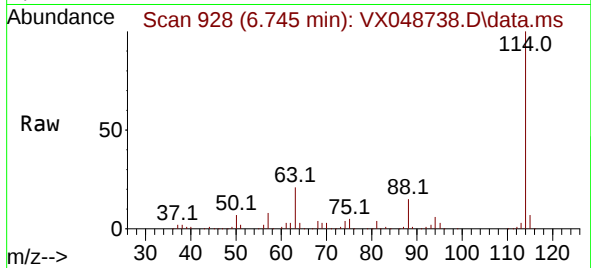




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

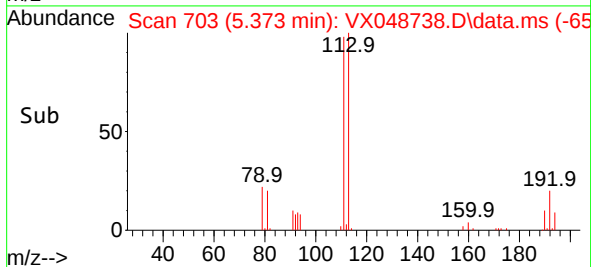
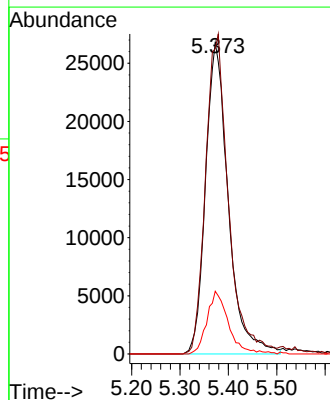
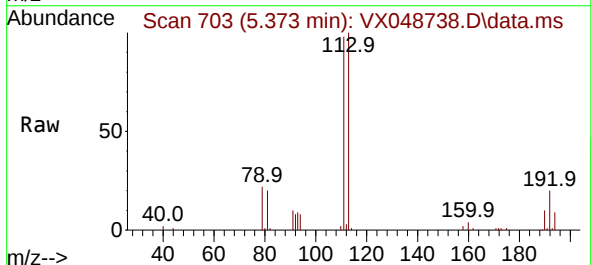
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

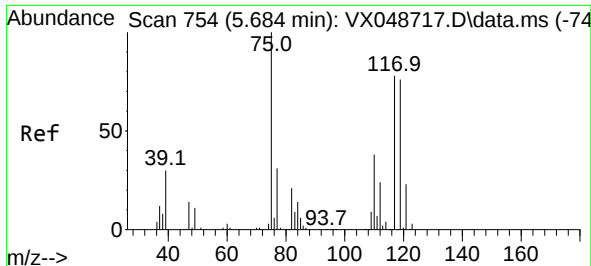
Tgt Ion:114 Resp: 290551
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.0
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.603 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

Tgt Ion:113 Resp: 87231
Ion Ratio Lower Upper
113 100
111 103.4 79.5 119.3
192 19.1 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.120 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX048738.D

Acq: 05 Dec 2025 15:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

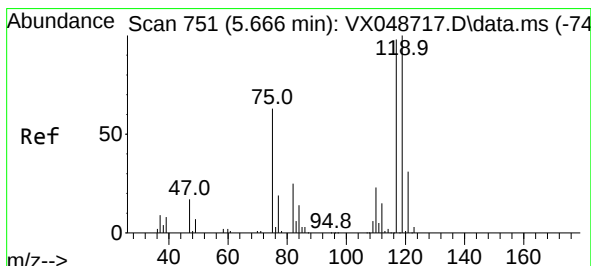
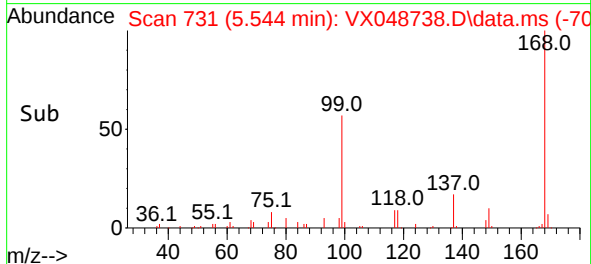
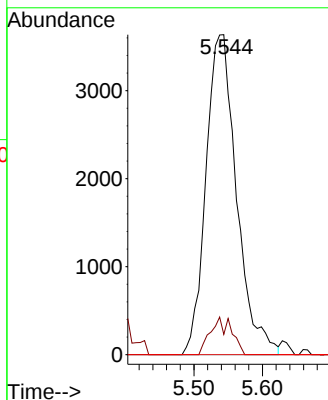
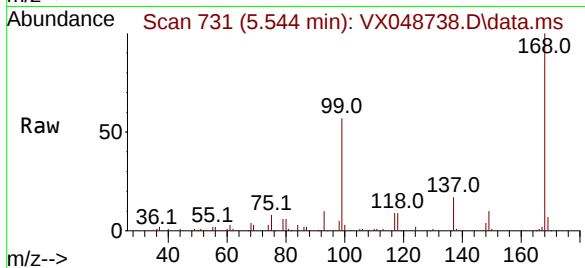
Tgt Ion: 75 Resp: 11288

Ion Ratio Lower Upper

75 100

110 8.2 18.6 55.8#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.768 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.128 min

Lab File: VX048738.D

Acq: 05 Dec 2025 15:55

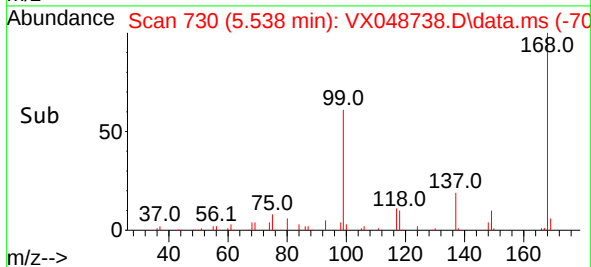
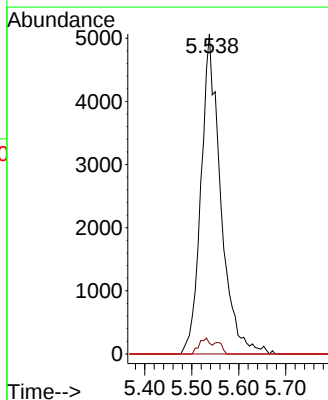
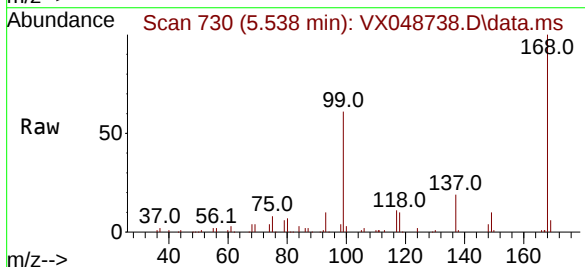
Tgt Ion: 117 Resp: 14798

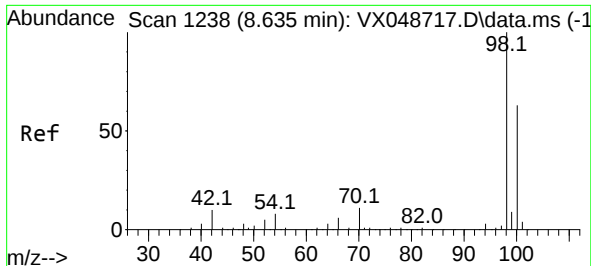
Ion Ratio Lower Upper

117 100

119 3.4 80.5 120.7#

121 0.0 25.4 38.0#

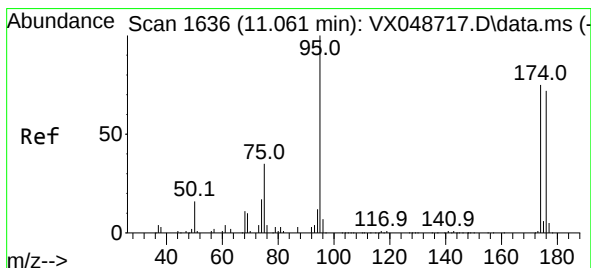
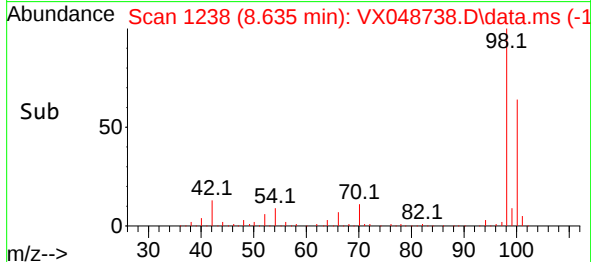
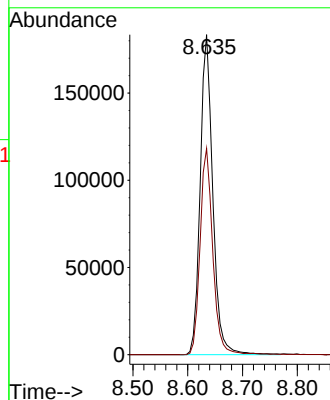
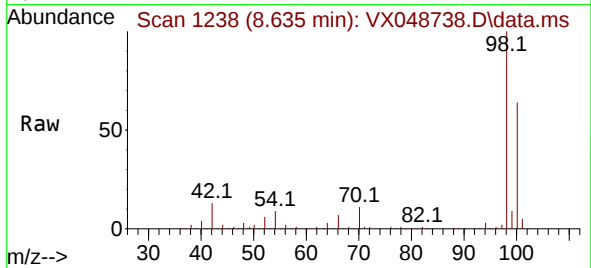




#50
Toluene-d8
Concen: 41.874 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

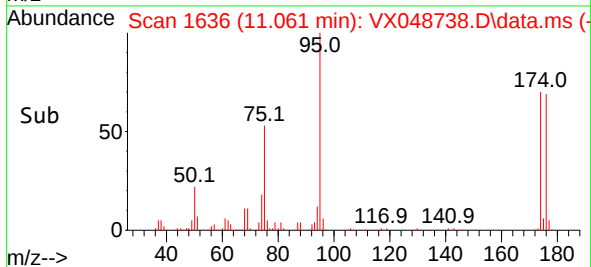
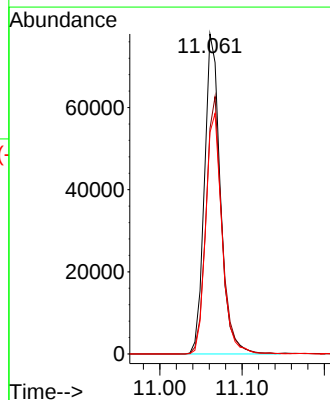
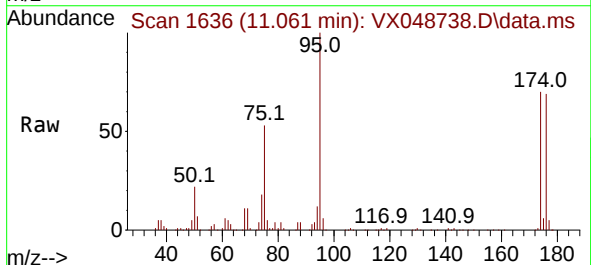
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

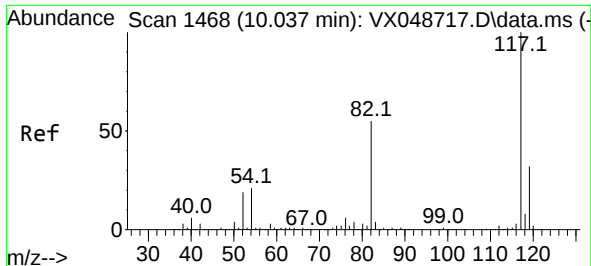
Tgt Ion: 98 Resp: 293644
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 43.258 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

Tgt Ion: 95 Resp: 104604
Ion Ratio Lower Upper
95 100
174 80.5 0.0 157.8
176 76.8 0.0 154.0

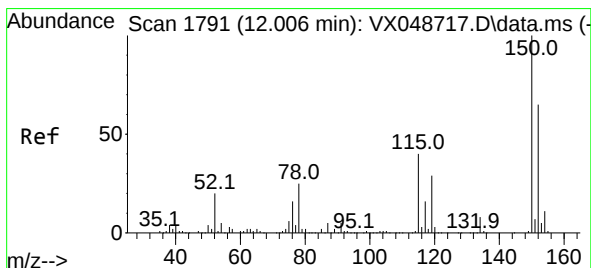
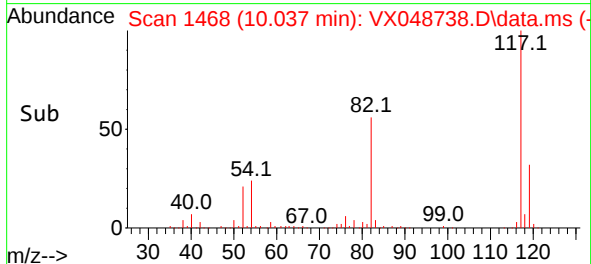
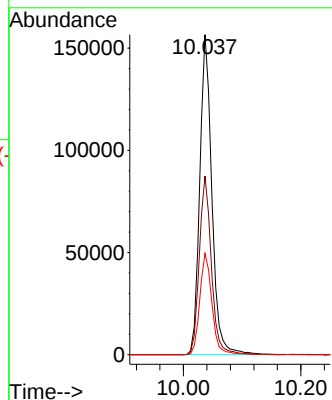
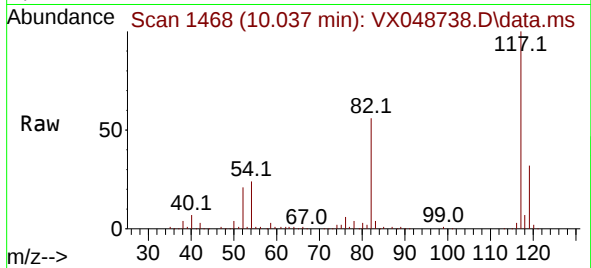




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

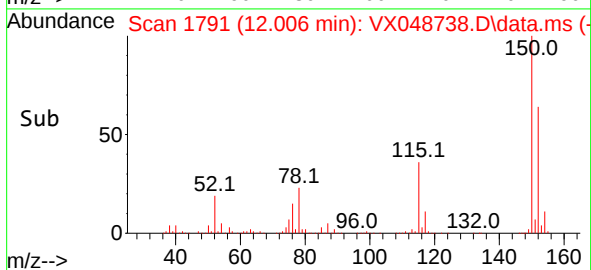
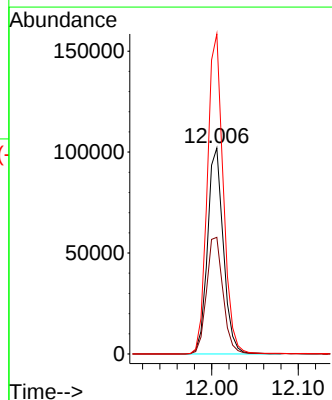
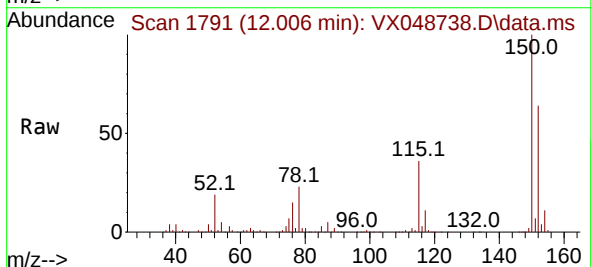
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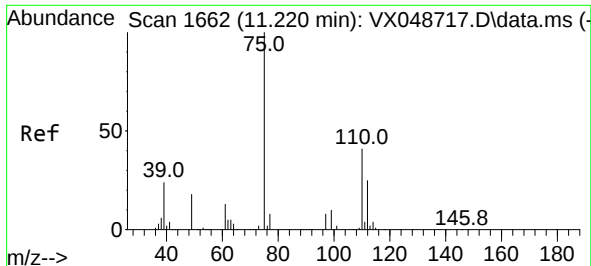
Tgt Ion:117 Resp: 224650
Ion Ratio Lower Upper
117 100
82 55.9 44.1 66.1
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

Tgt Ion:152 Resp: 129713
Ion Ratio Lower Upper
152 100
115 59.2 42.1 126.4
150 155.7 0.0 347.8

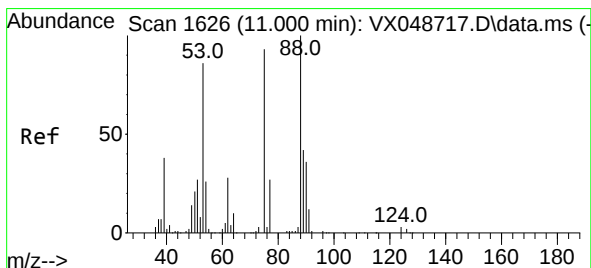
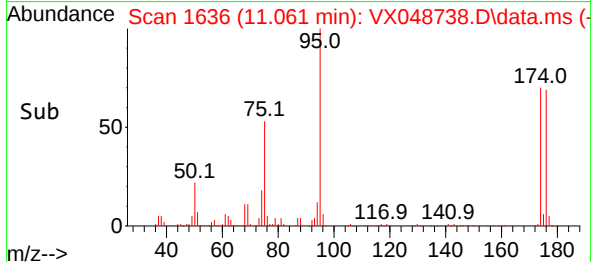
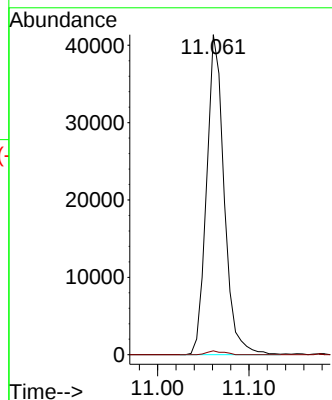
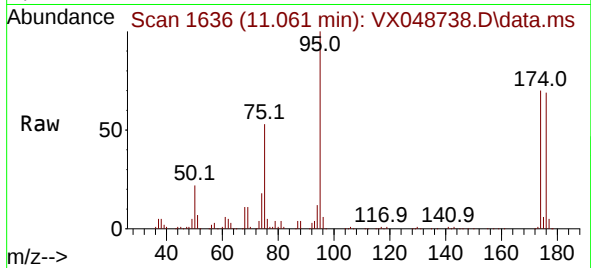




#76
1,2,3-Trichloropropane
Concen: 22.790 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

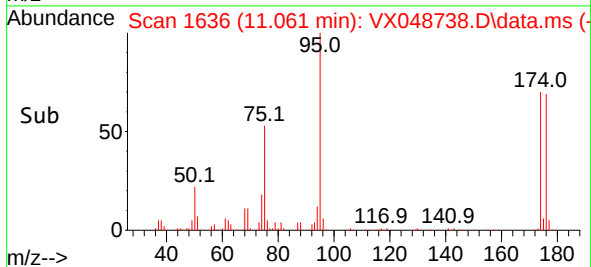
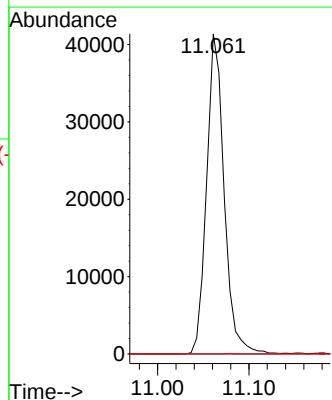
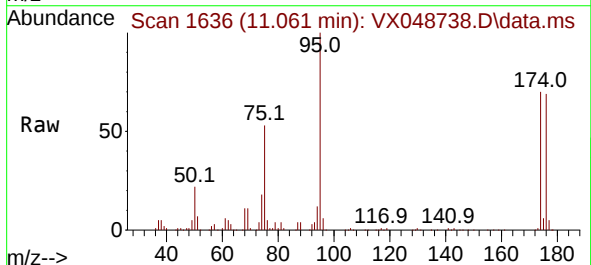
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

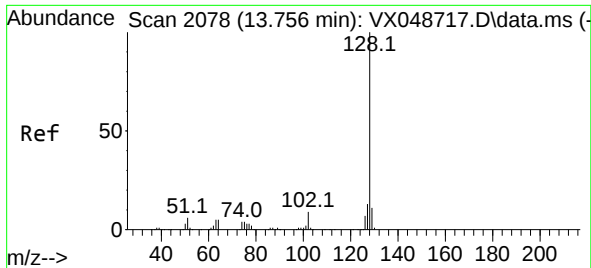
Tgt Ion: 75 Resp: 55059
Ion Ratio Lower Upper
75 100
77 1.1 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.135 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048738.D
Acq: 05 Dec 2025 15:55

Tgt Ion: 75 Resp: 55059
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.1 67.1 100.7#





#95

Naphthalene

Concen: Below Cal

RT: 13.749 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX048738.D

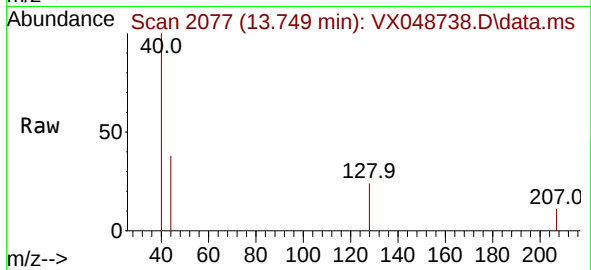
Acq: 05 Dec 2025 15:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion:128 Resp: 213

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

