

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047221.D
 Acq On : 04 Aug 2025 11:53
 Operator : JC/MD
 Sample : Q2744-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 05 02:56:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

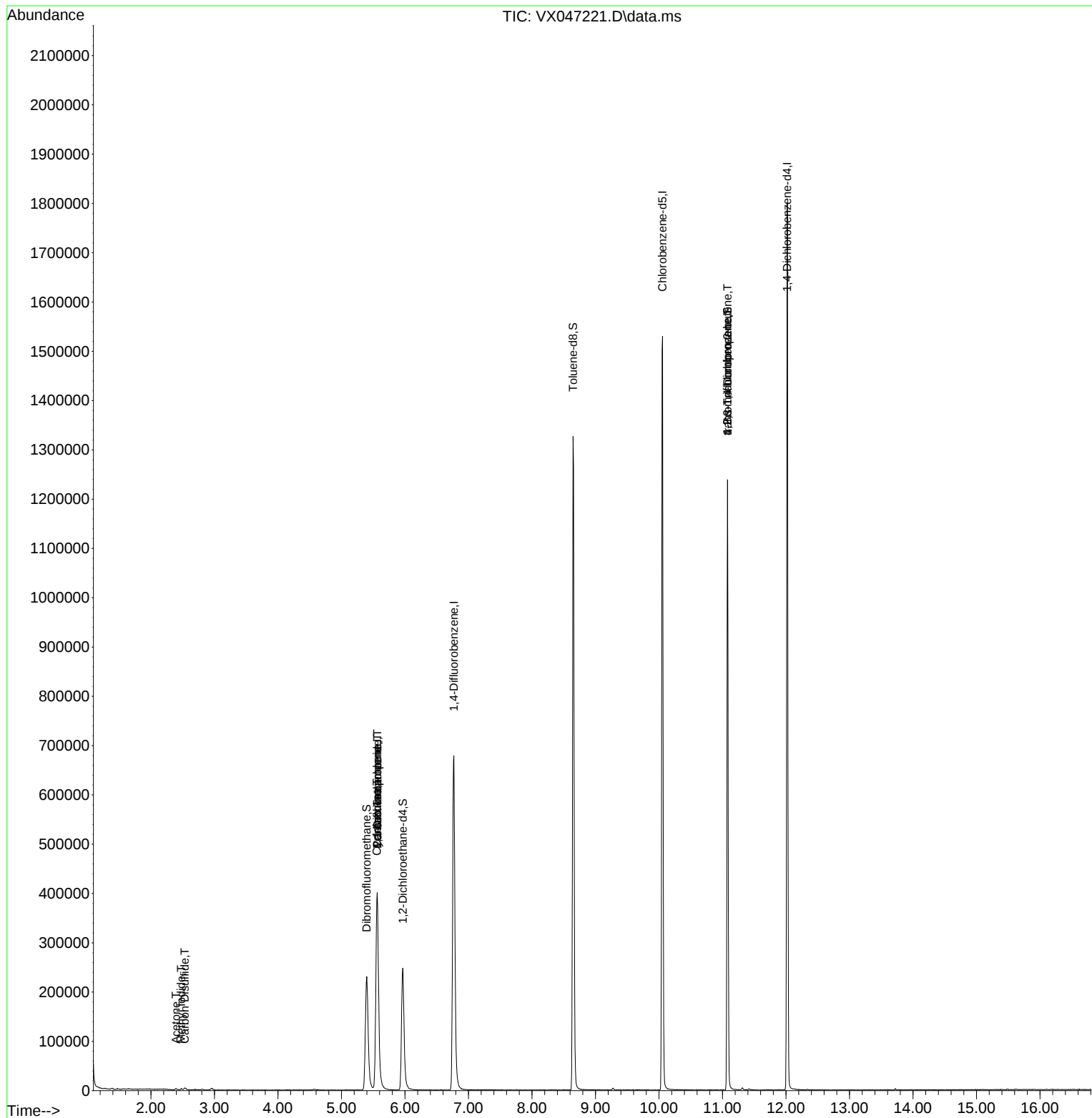
Internal Standards						
1) Pentafluorobenzene	5.562	168	393235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	730850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	701677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	352532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	263541	53.801	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.600%		
35) Dibromofluoromethane	5.397	113	220664	48.901	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.800%		
50) Toluene-d8	8.647	98	802518	54.916	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 109.840%		
62) 4-Bromofluorobenzene	11.079	95	332131	52.739	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.480%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.477	142	2643	0.520	ug/l #	87
11) Tert butyl alcohol	2.965	59	1341	Below Cal	#	72
16) Acetone	2.392	43	4173	2.127	ug/l	92
17) Carbon Disulfide	2.532	76	2897	0.203	ug/l #	76
31) Cyclohexane	5.556	56	9446	1.032	ug/l #	19
36) 1,1-Dichloropropene	5.562	75	33403	4.343	ug/l #	49
38) Carbon Tetrachloride	5.562	117	42254	5.147	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	172982	26.510	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	172982	68.300	ug/l #	8

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

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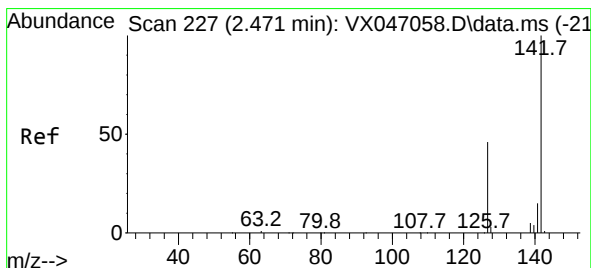
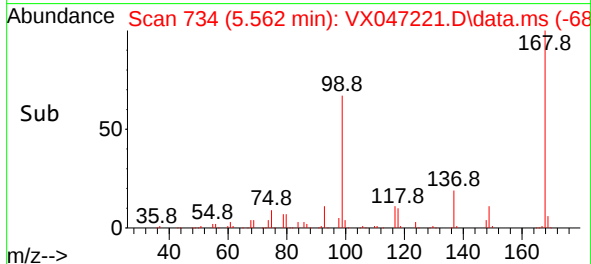
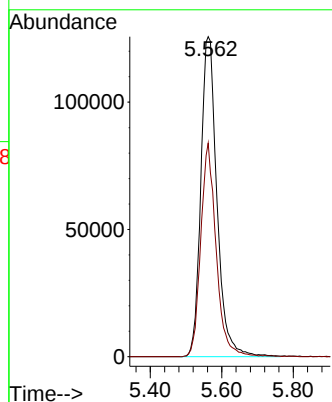
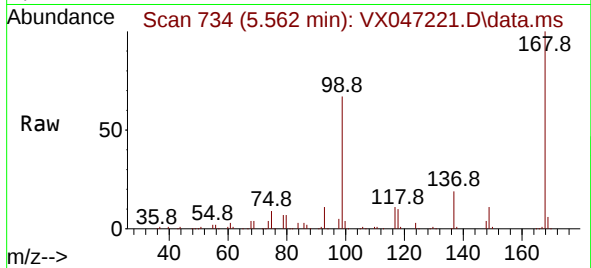




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

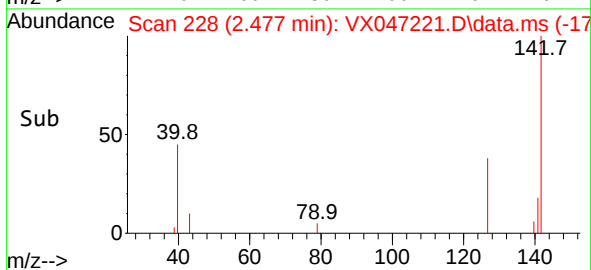
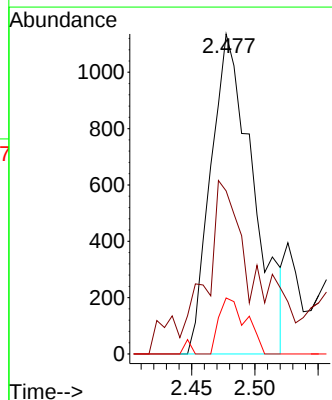
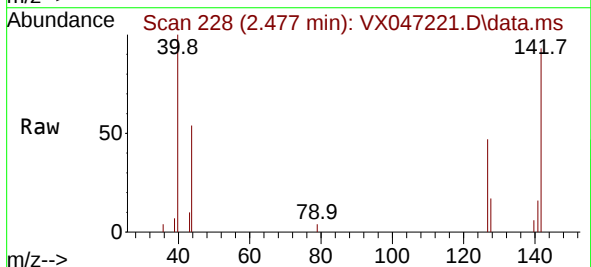
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

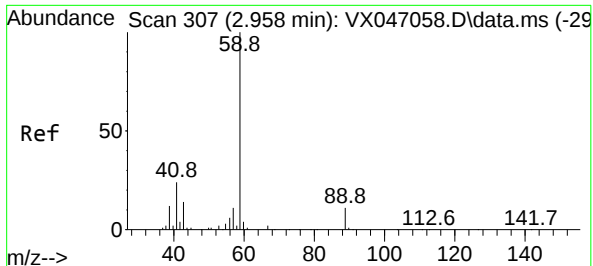
Tgt Ion:168 Resp: 393235
Ion Ratio Lower Upper
168 100
99 66.7 48.0 72.0



#10
Methyl Iodide
Concen: 0.520 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.007 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Tgt Ion:142 Resp: 2643
Ion Ratio Lower Upper
142 100
127 55.8 36.6 54.8#
141 11.4 10.9 16.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.965 min Scan# 307

Delta R.T. 0.007 min

Lab File: VX047221.D

Acq: 04 Aug 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

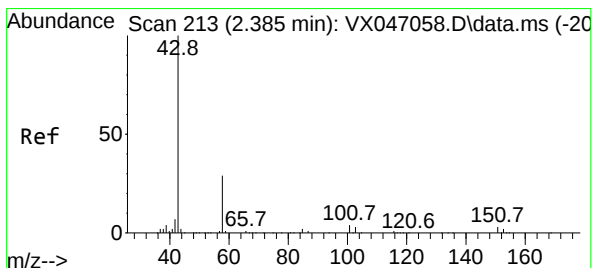
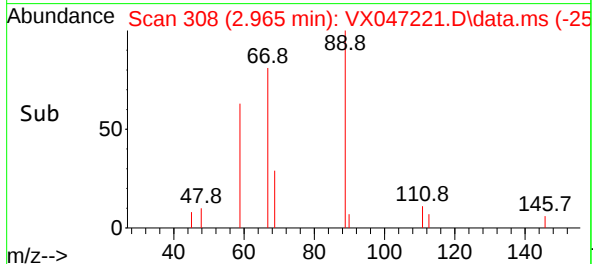
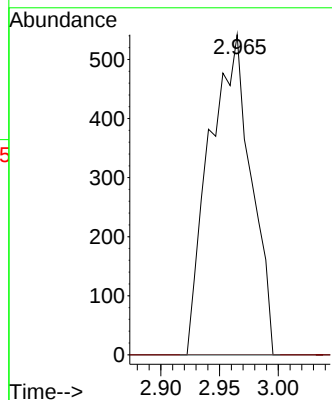
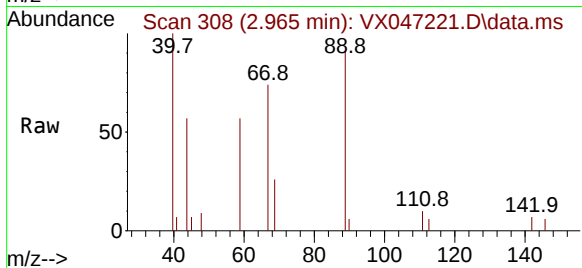
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 59 Resp: 1341

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 2.127 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.007 min

Lab File: VX047221.D

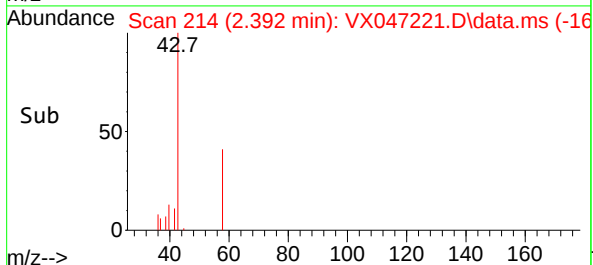
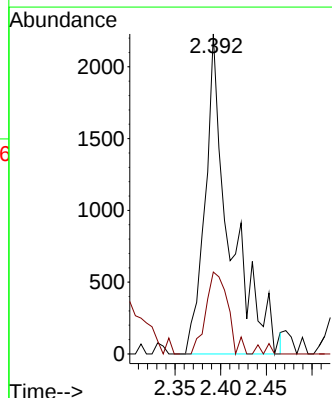
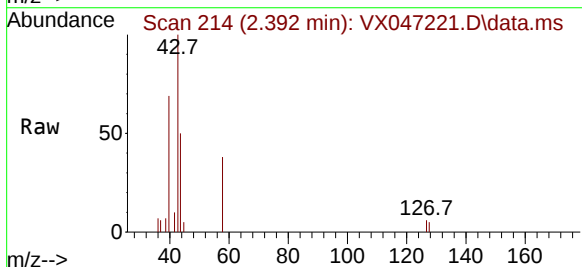
Acq: 04 Aug 2025 11:53

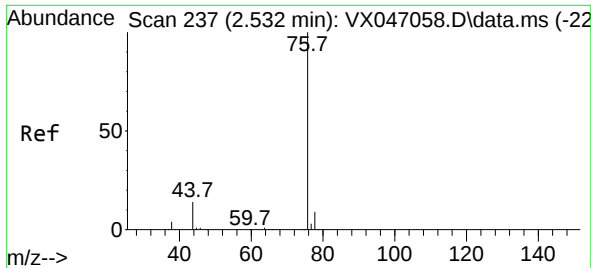
Tgt Ion: 43 Resp: 4173

Ion Ratio Lower Upper

43 100

58 25.6 24.0 36.0

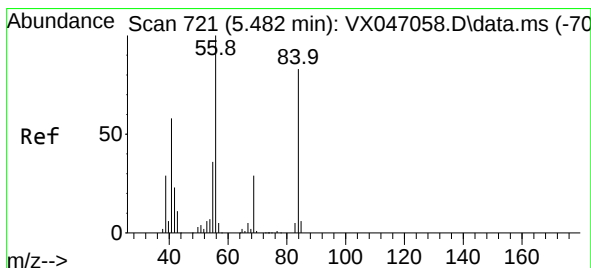
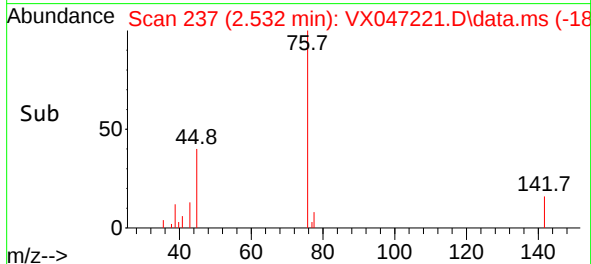
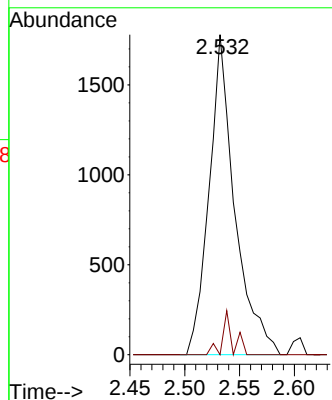
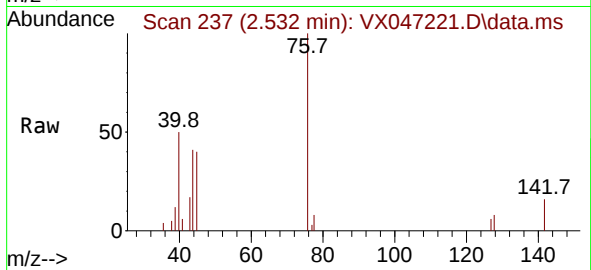




#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

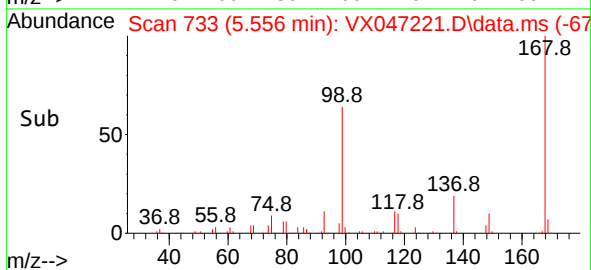
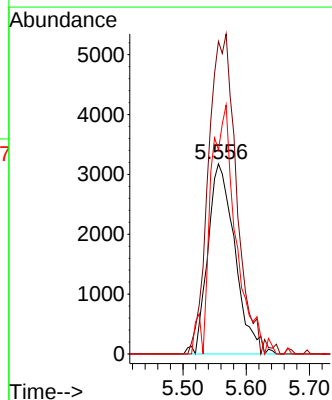
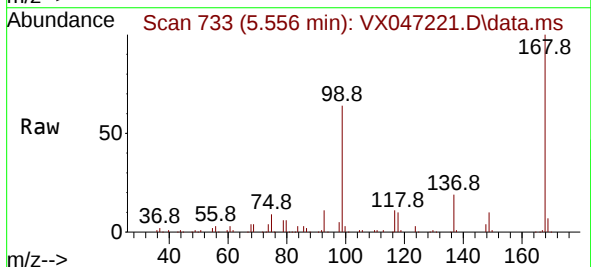
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

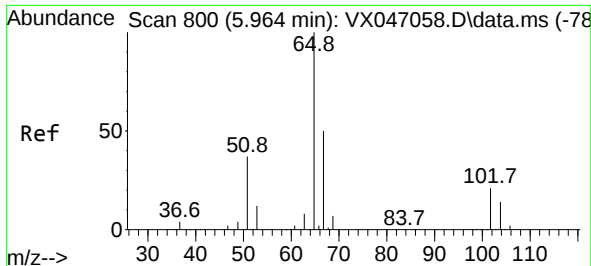
Tgt Ion: 76 Resp: 2897
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#31
Cyclohexane
Concen: 1.032 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.074 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Tgt Ion: 56 Resp: 9446
Ion Ratio Lower Upper
56 100
69 160.1 23.3 34.9#
84 104.5 66.5 99.7#





#33

1,2-Dichloroethane-d4

Concen: 53.801 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047221.D

Acq: 04 Aug 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

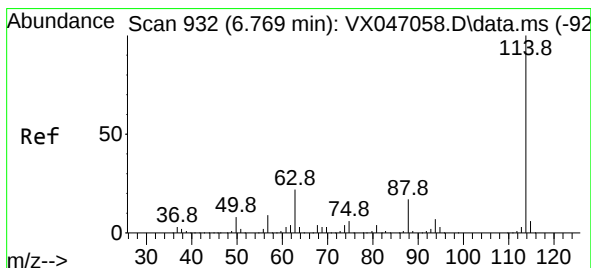
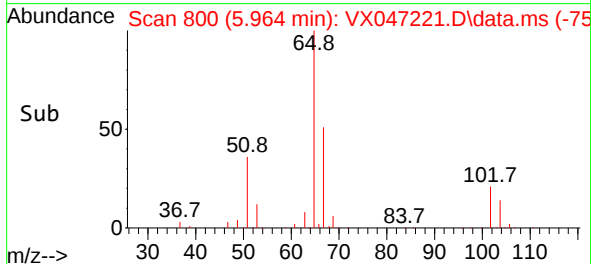
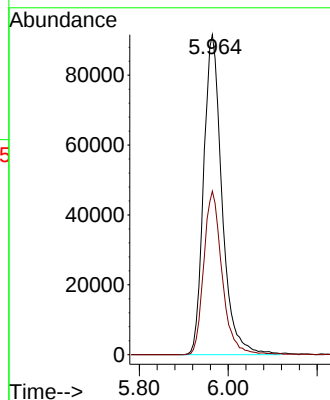
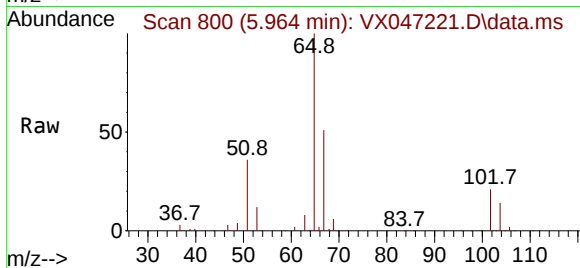
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 263541

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047221.D

Acq: 04 Aug 2025 11:53

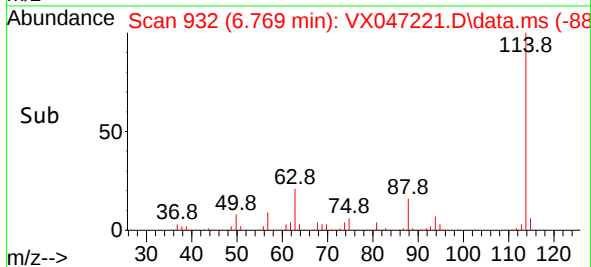
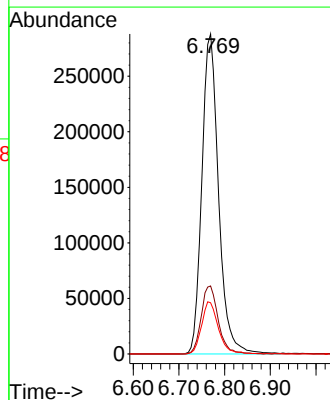
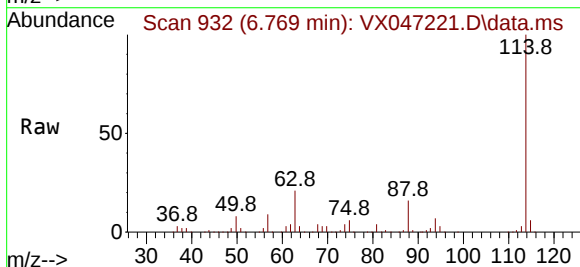
Tgt Ion: 114 Resp: 730850

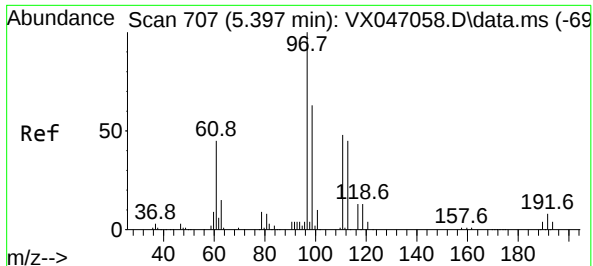
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 16.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.901 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047221.D

Acq: 04 Aug 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

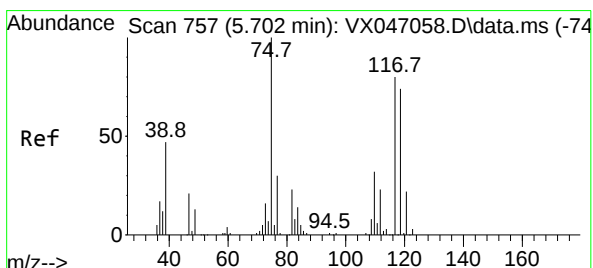
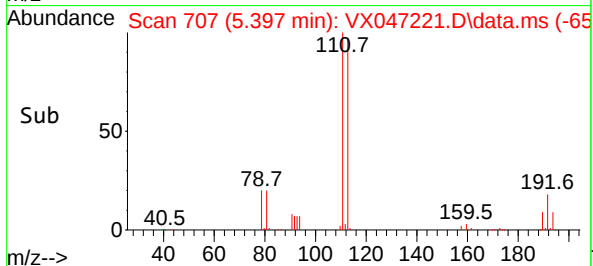
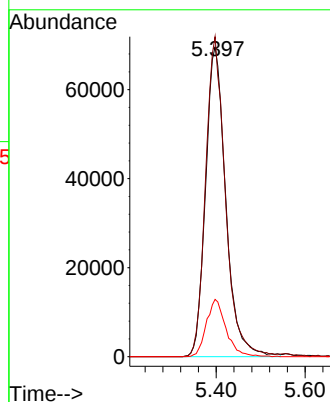
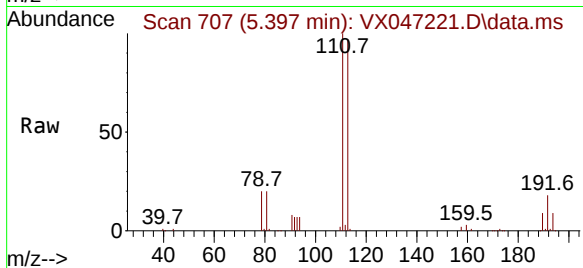
Tgt Ion:113 Resp: 220664

Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 18.1 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.343 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX047221.D

Acq: 04 Aug 2025 11:53

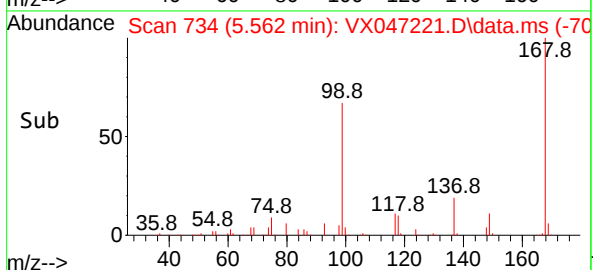
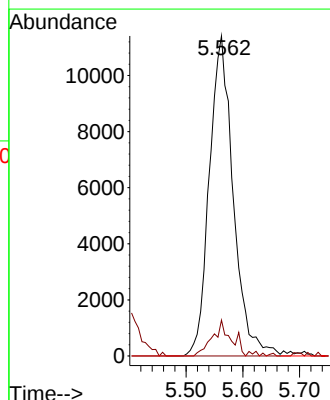
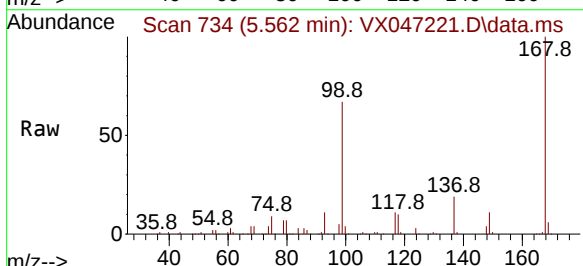
Tgt Ion: 75 Resp: 33403

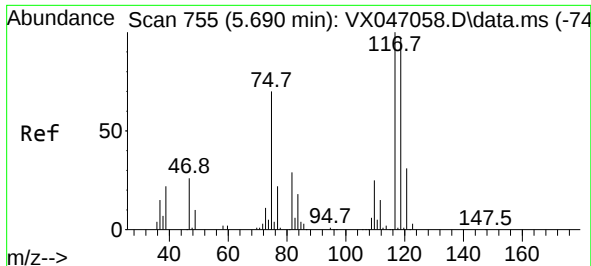
Ion Ratio Lower Upper

75 100

110 8.5 17.2 51.5#

77 0.0 25.1 37.7#

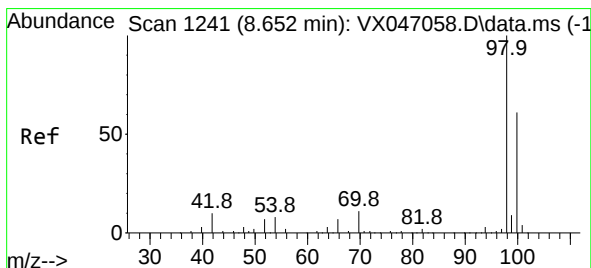
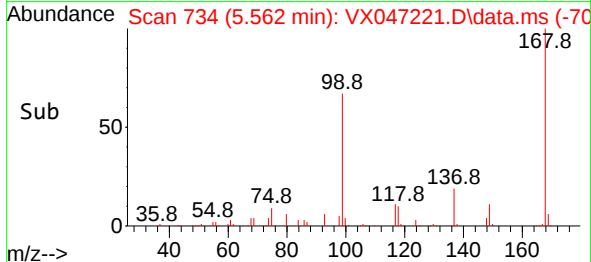
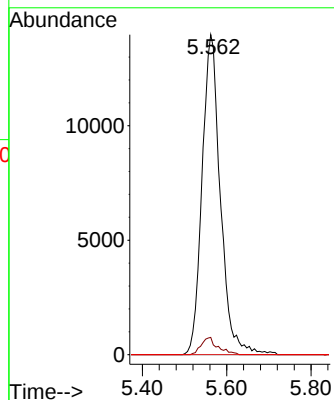
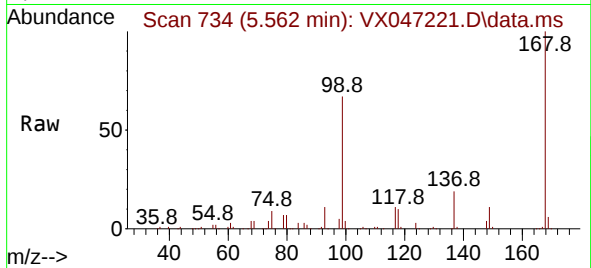




#38
Carbon Tetrachloride
Concen: 5.147 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

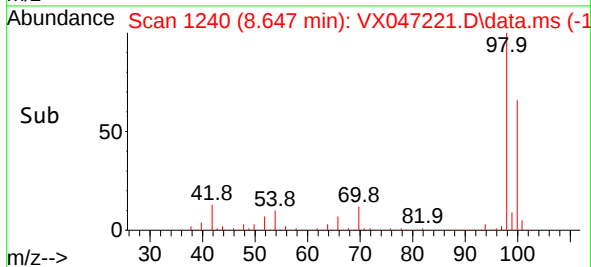
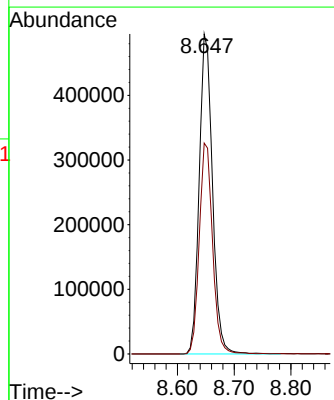
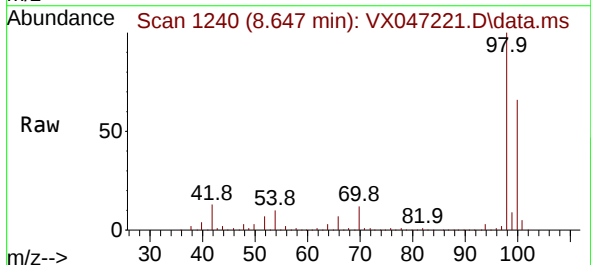
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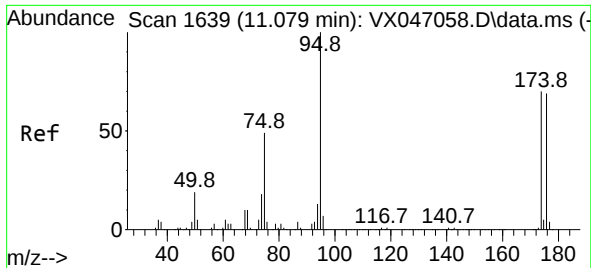
Tgt Ion:117 Resp: 42254
Ion Ratio Lower Upper
117 100
119 5.4 76.6 115.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 54.916 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Tgt Ion: 98 Resp: 802518
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9

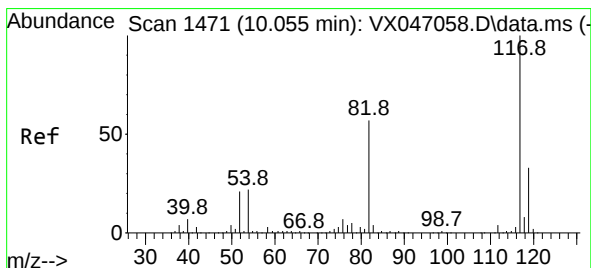
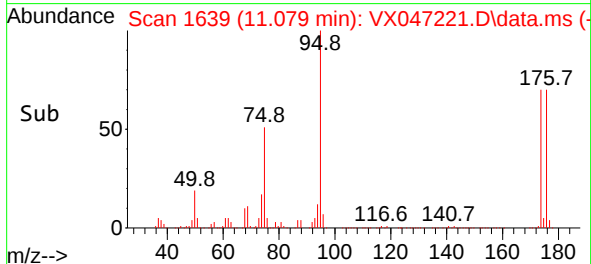
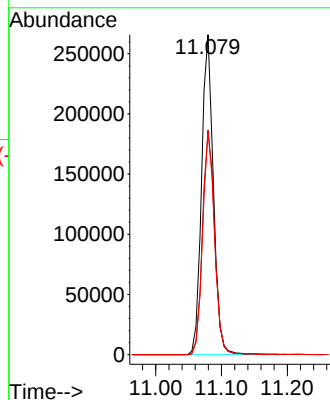
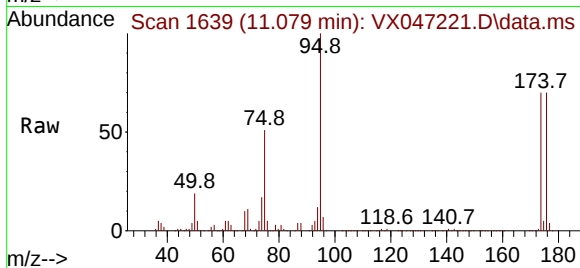




#62
4-Bromofluorobenzene
Concen: 52.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

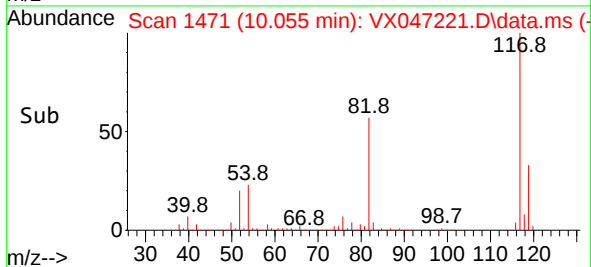
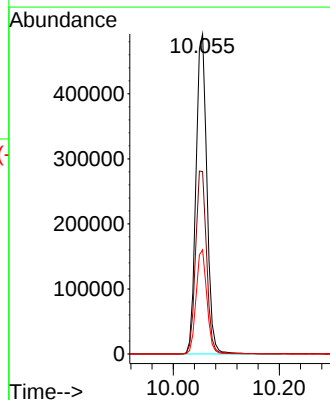
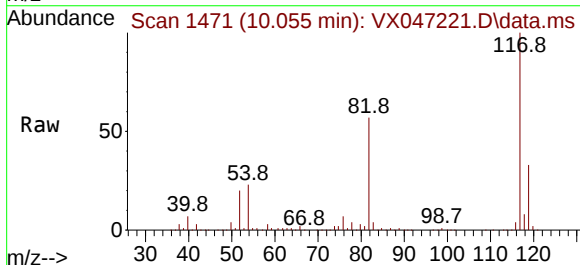
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

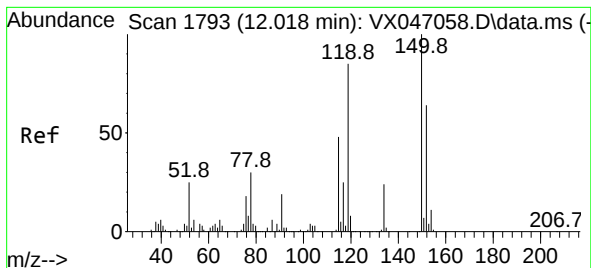
Tgt Ion: 95 Resp: 332131
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.6
176 70.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Tgt Ion: 117 Resp: 701677
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 32.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047221.D

Acq: 04 Aug 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

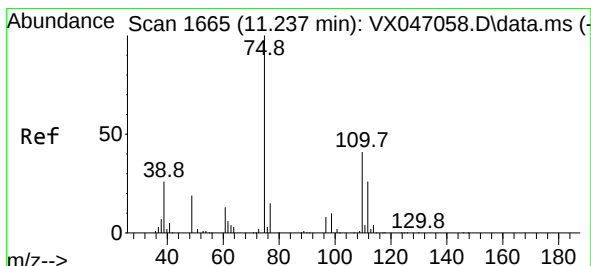
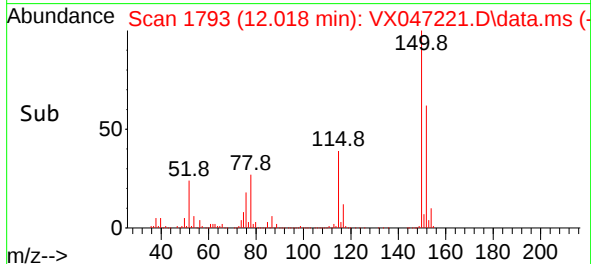
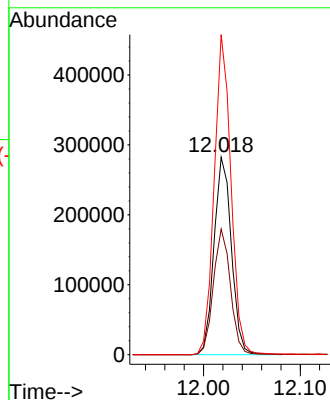
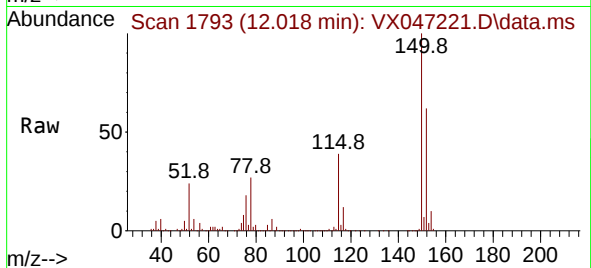
Tgt Ion:152 Resp: 352532

Ion Ratio Lower Upper

152 100

115 62.7 45.6 136.7

150 157.4 0.0 354.6



#76

1,2,3-Trichloropropane

Concen: 26.510 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047221.D

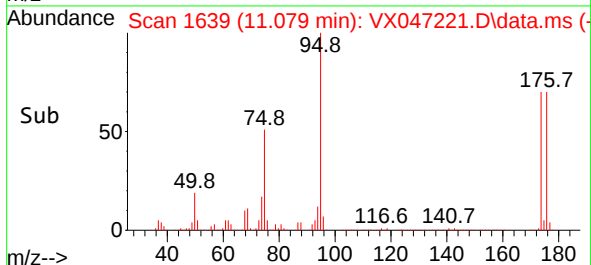
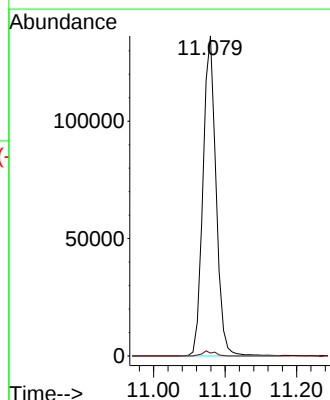
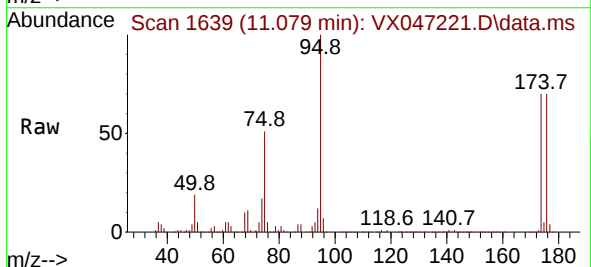
Acq: 04 Aug 2025 11:53

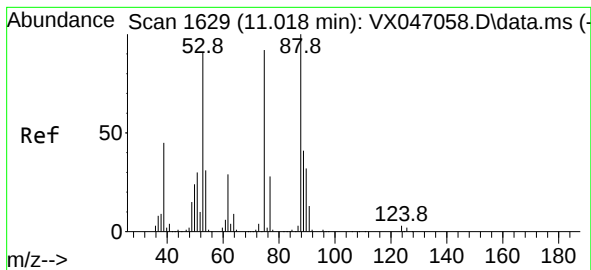
Tgt Ion: 75 Resp: 172982

Ion Ratio Lower Upper

75 100

77 1.4 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.300 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047221.D
 Acq: 04 Aug 2025 11:53

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

Tgt Ion: 75 Resp: 172982
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

