

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048577.D
 Acq On : 12 Nov 2025 14:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 14 00:28:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

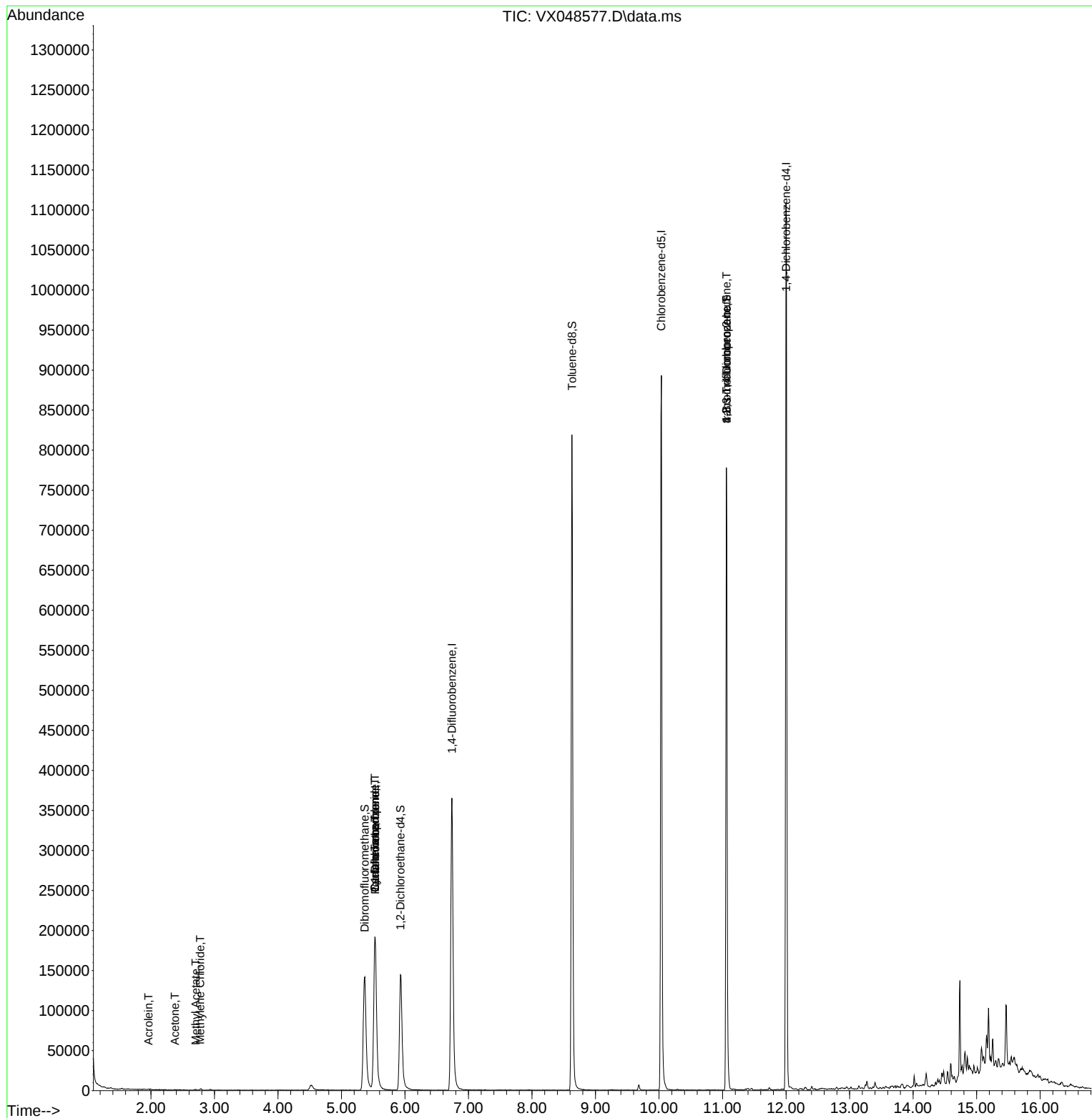
Internal Standards						
1) Pentafluorobenzene	5.532	168	211541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	424563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	454804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	251206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	155652	52.805	ug/l	-0.02
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.620%	
35) Dibromofluoromethane	5.367	113	145299	45.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.440%	
50) Toluene-d8	8.629	98	528744	52.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	11.061	95	225288	60.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 120.640%	
Target Compounds						
					Qvalue	
13) Acrolein	1.959	56	22	0.272	ug/l #	78
16) Acetone	2.380	43	792	0.568	ug/l	89
18) Methyl Acetate	2.703	43	1035	0.270	ug/l #	63
20) Methylene Chloride	2.776	84	860	0.300	ug/l #	81
31) Cyclohexane	5.525	56	3688	0.932	ug/l #	1
36) 1,1-Dichloropropene	5.525	75	15174	3.527	ug/l #	50
38) Carbon Tetrachloride	5.525	117	20573	4.200	ug/l #	18
76) 1,2,3-Trichloropropane	11.061	75	109593	18.109	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	109593	51.797	ug/l #	12

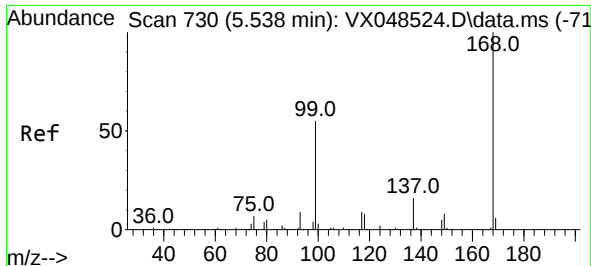
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
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Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

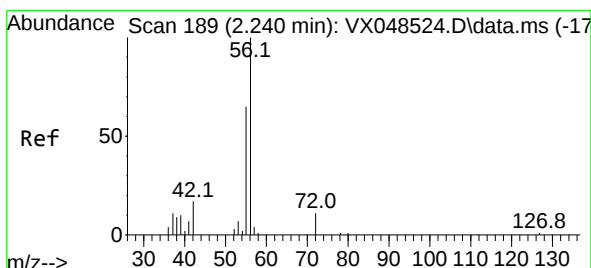
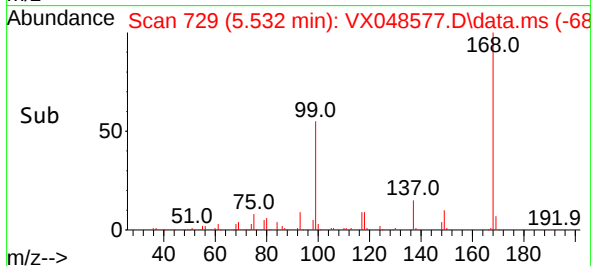
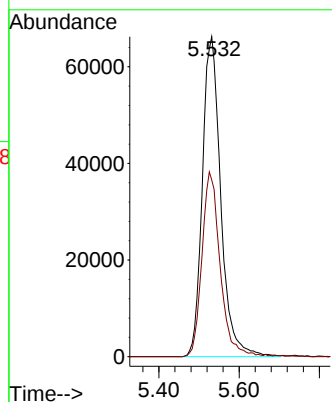
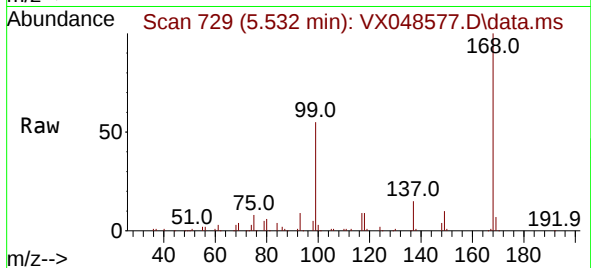




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

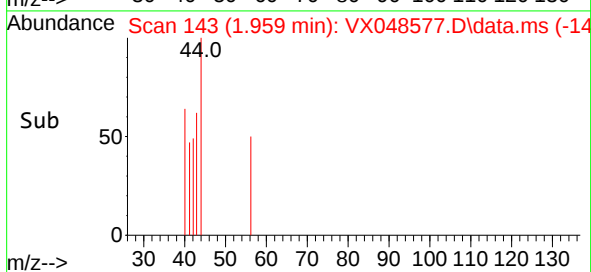
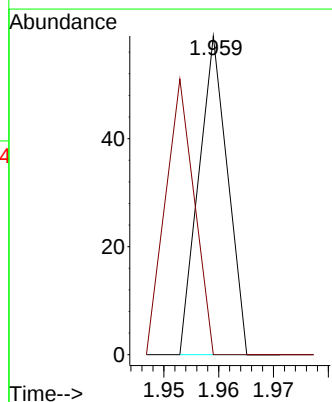
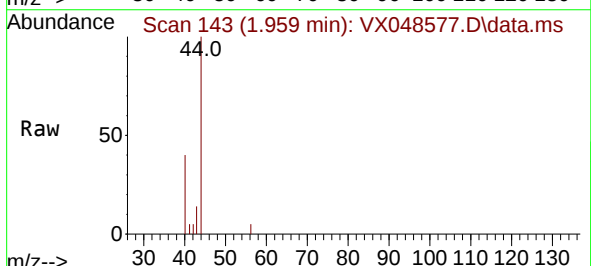
Instrument :
MSVOA_X
ClientSampleId :
IBLK

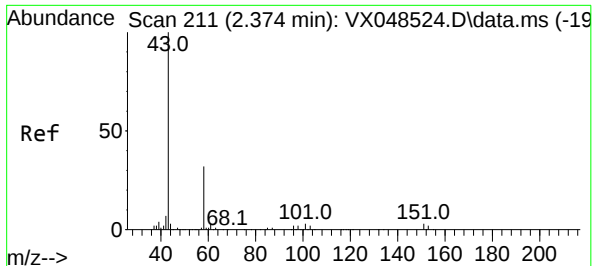
Tgt Ion:168 Resp: 211541
Ion Ratio Lower Upper
168 100
99 55.3 45.2 67.8



#13
Acrolein
Concen: 0.272 ug/l
RT: 1.959 min Scan# 143
Delta R.T. -0.281 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 86.4 54.9 82.3#

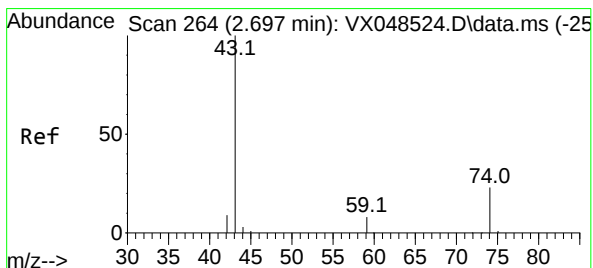
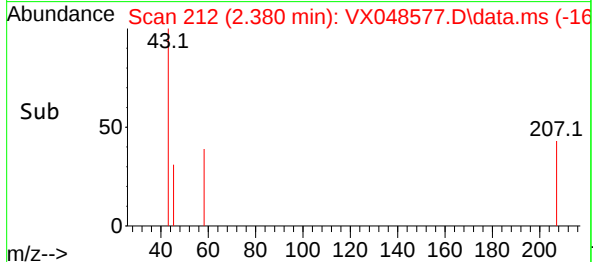
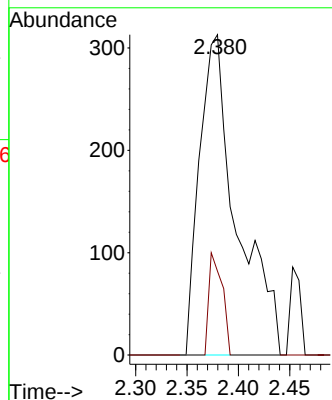
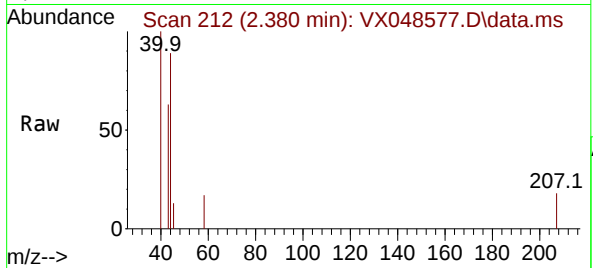




#16
Acetone
Concen: 0.568 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

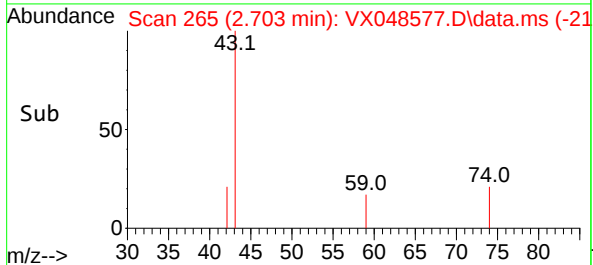
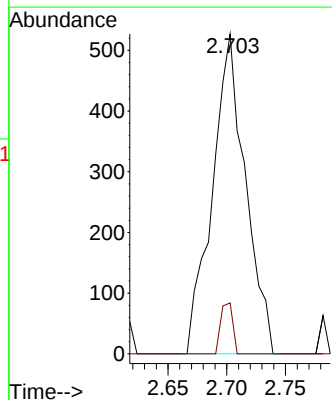
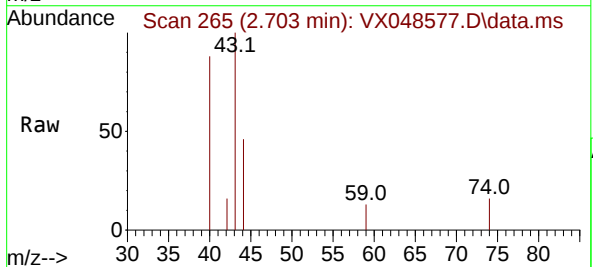
Instrument :
MSVOA_X
ClientSampleId :
IBLK

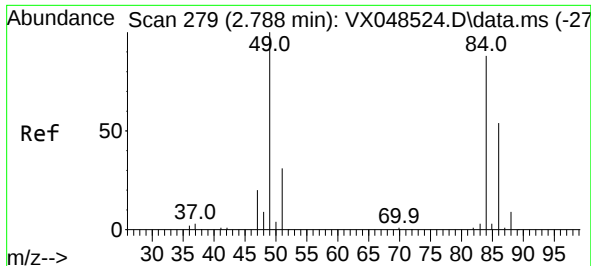
Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 26.2 25.8 38.6



#18
Methyl Acetate
Concen: 0.270 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

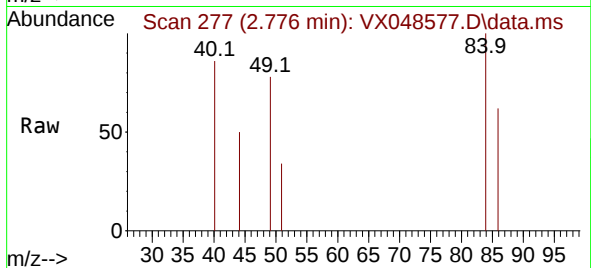
Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
74 5.8 19.1 28.7#



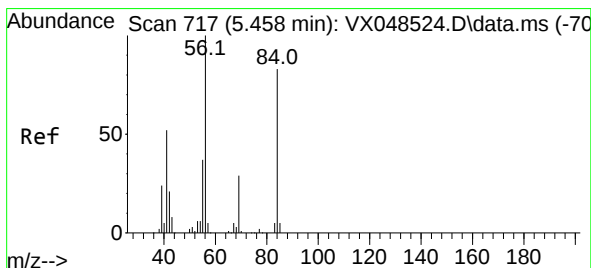
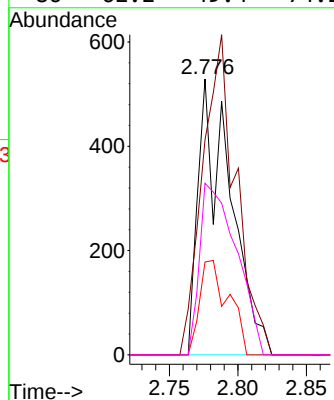


#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

Instrument :
MSVOA_X
ClientSampleId :
IBLK

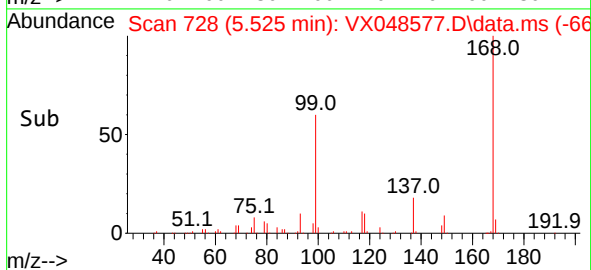
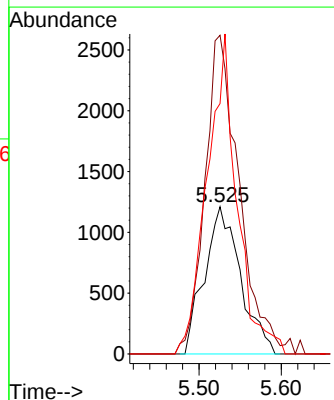
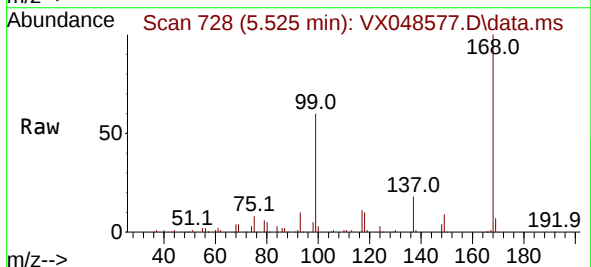


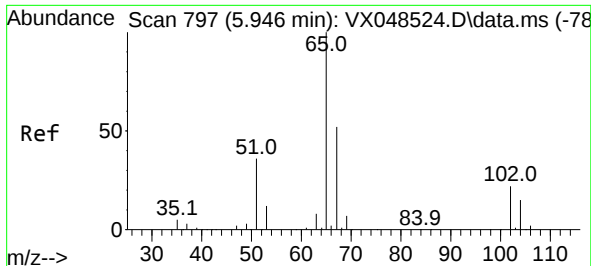
Tgt Ion: 84	Resp: 860
Ion Ratio	Lower Upper
84 100	
49 77.9	91.2 136.8#
51 33.6	28.3 42.5
86 62.2	49.4 74.2



#31
Cyclohexane
Concen: 0.932 ug/l
RT: 5.525 min Scan# 728
Delta R.T. 0.067 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

Tgt Ion: 56	Resp: 3688
Ion Ratio	Lower Upper
56 100	
69 210.8	23.4 35.2#
84 163.2	66.3 99.5#

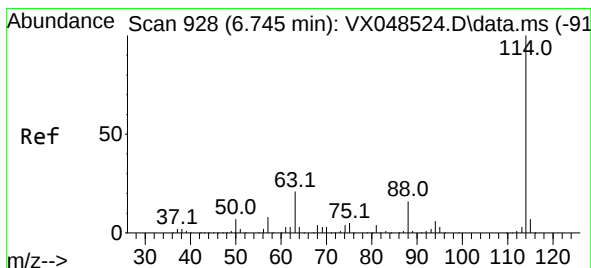
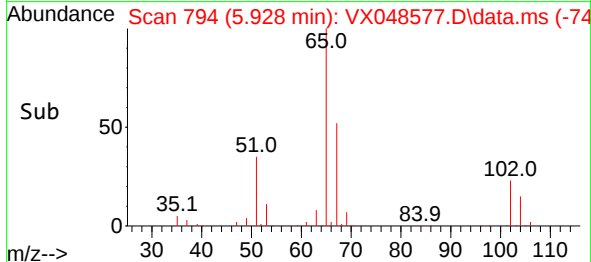
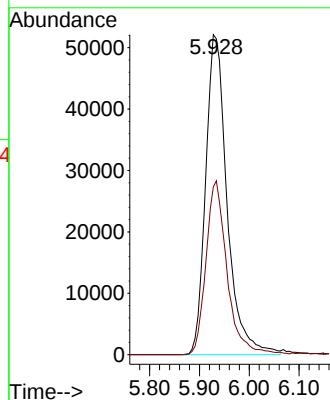
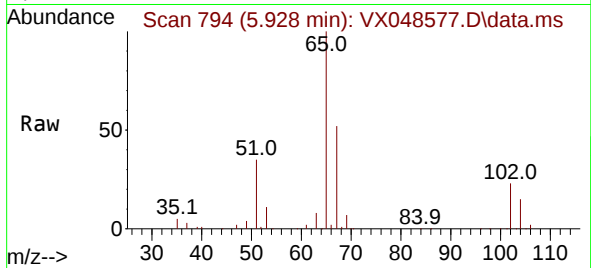




#33
 1,2-Dichloroethane-d4
 Concen: 52.805 ug/l
 RT: 5.928 min Scan# 794
 Delta R.T. -0.018 min
 Lab File: VX048577.D
 Acq: 12 Nov 2025 14:44

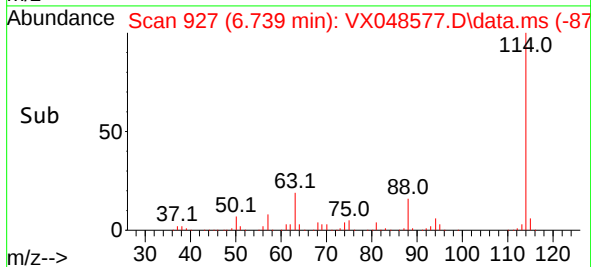
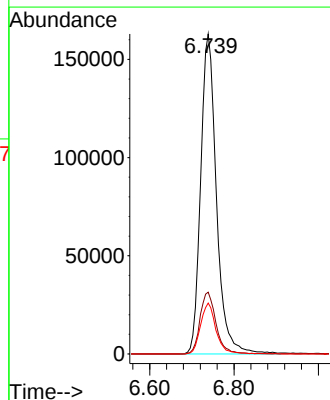
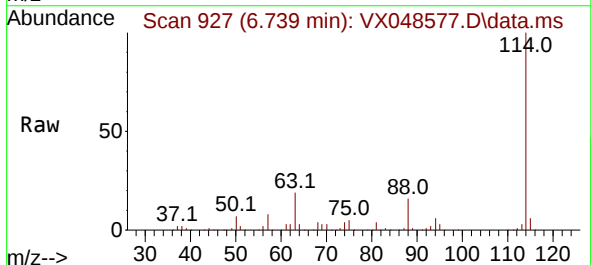
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

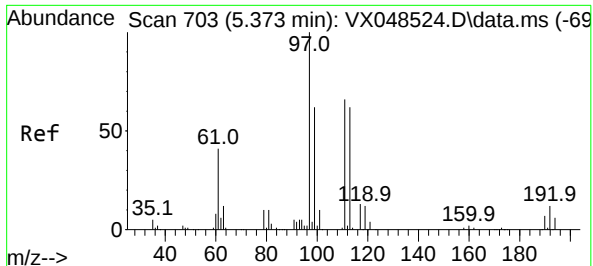
Tgt Ion: 65 Resp: 155652
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048577.D
 Acq: 12 Nov 2025 14:44

Tgt Ion: 114 Resp: 424563
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.2
 88 15.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.217 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048577.D

Acq: 12 Nov 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

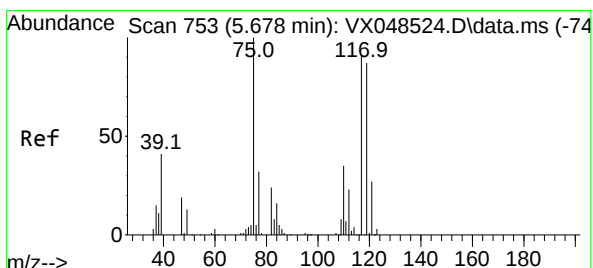
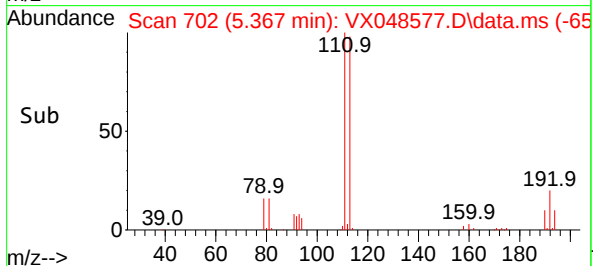
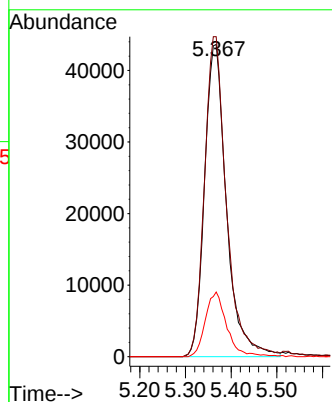
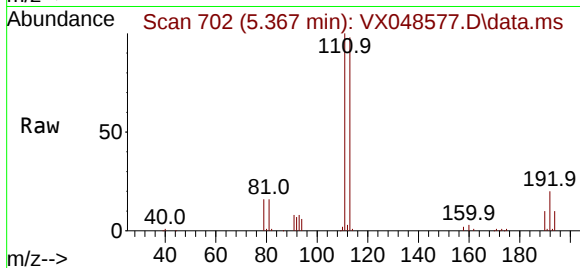
Tgt Ion:113 Resp: 145299

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 20.3 15.8 23.6



#36

1,1-Dichloropropene

Concen: 3.527 ug/l

RT: 5.525 min Scan# 728

Delta R.T. -0.152 min

Lab File: VX048577.D

Acq: 12 Nov 2025 14:44

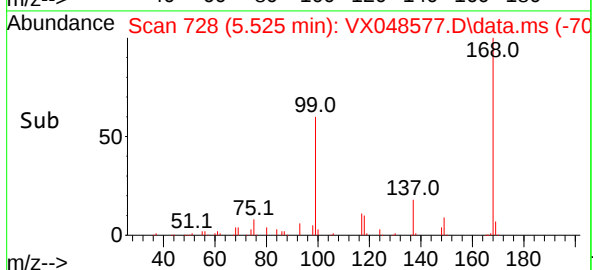
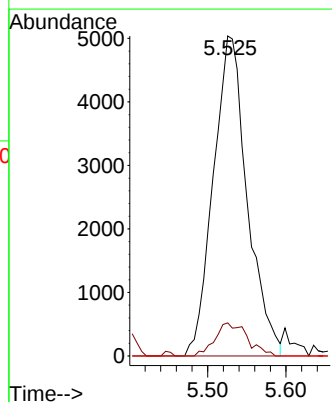
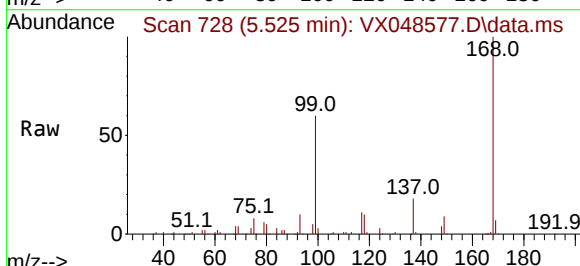
Tgt Ion: 75 Resp: 15174

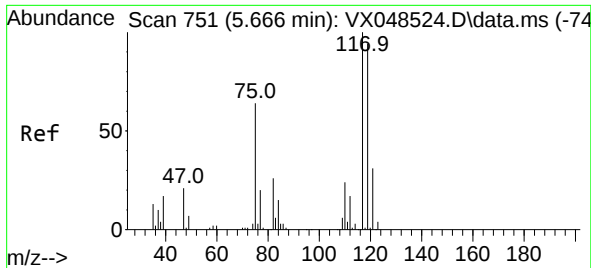
Ion Ratio Lower Upper

75 100

110 9.8 18.4 55.4#

77 0.0 24.6 37.0#

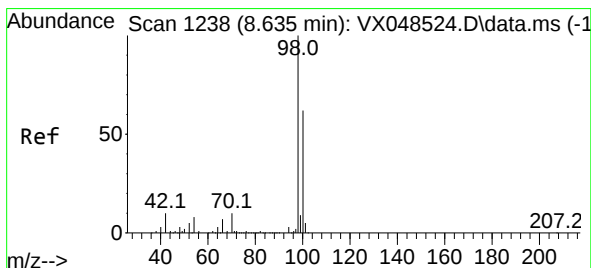
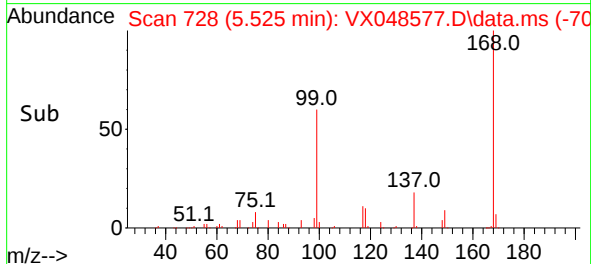
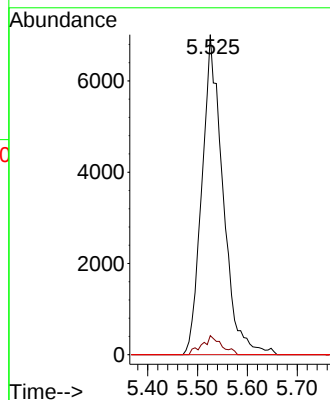
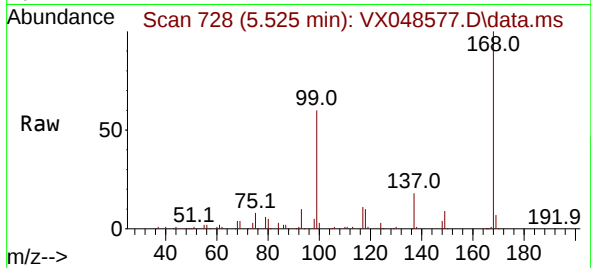




#38
Carbon Tetrachloride
Concen: 4.200 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

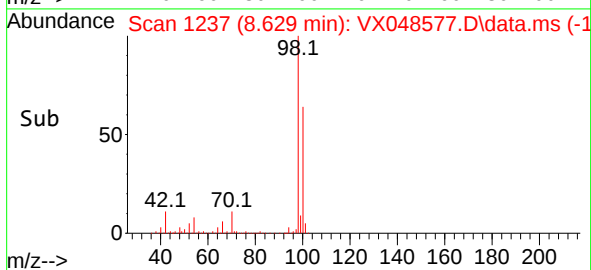
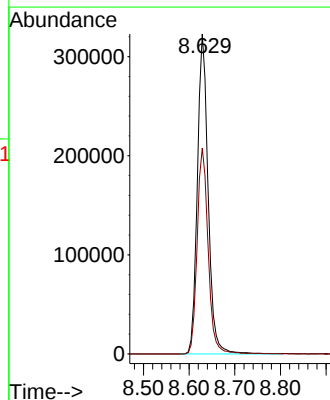
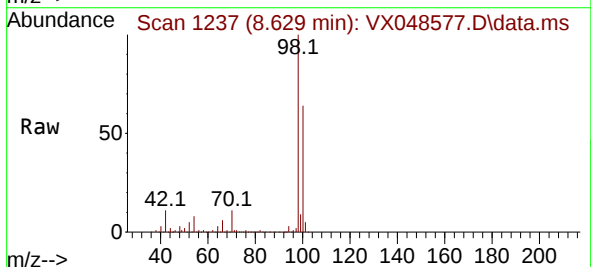
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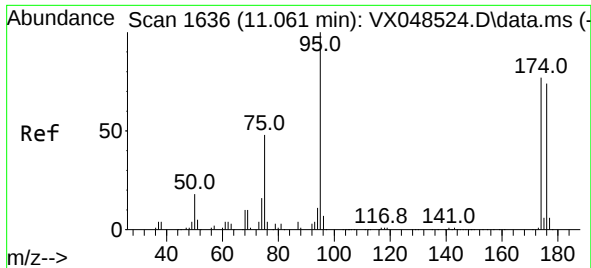
Tgt Ion:117 Resp: 20573
Ion Ratio Lower Upper
117 100
119 6.0 74.5 111.7#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.759 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

Tgt Ion: 98 Resp: 528744
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4

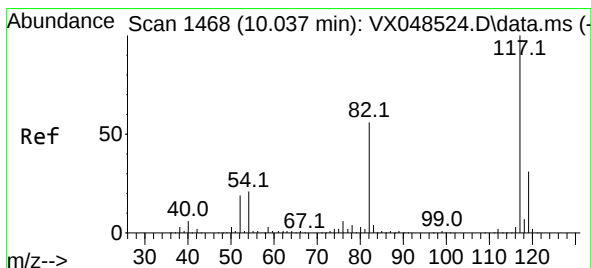
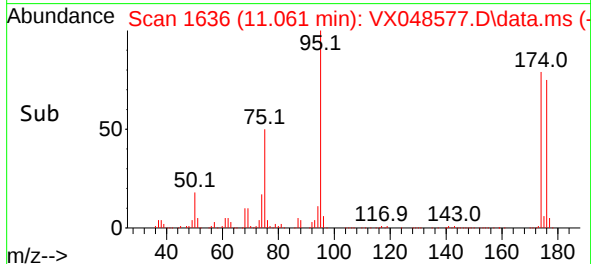
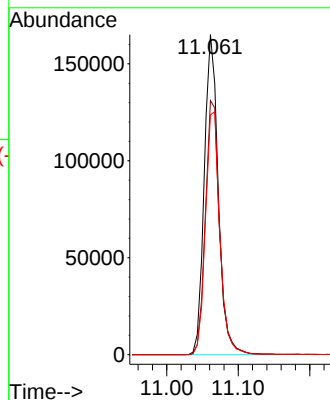
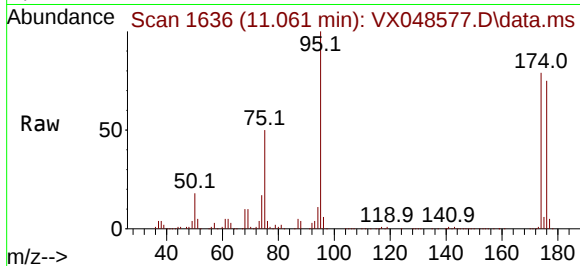




#62
4-Bromofluorobenzene
Concen: 60.321 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

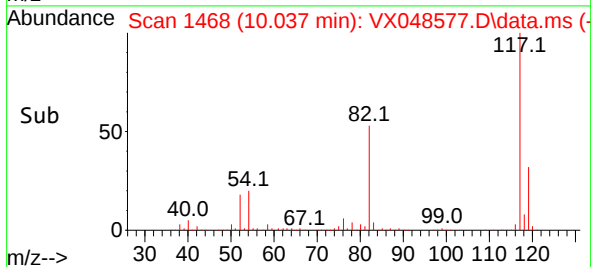
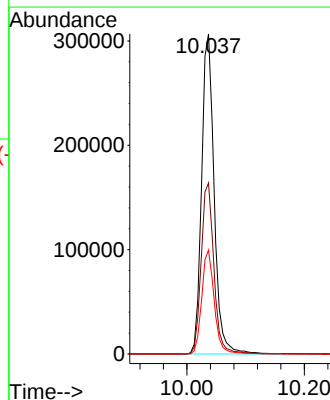
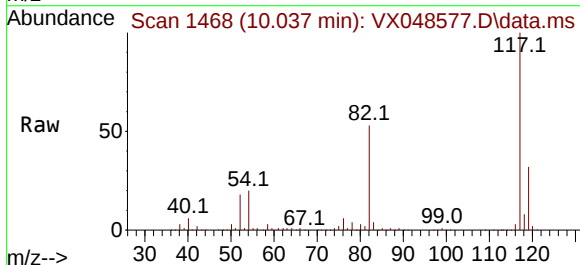
Instrument :
MSVOA_X
ClientSampleId :
IBLK

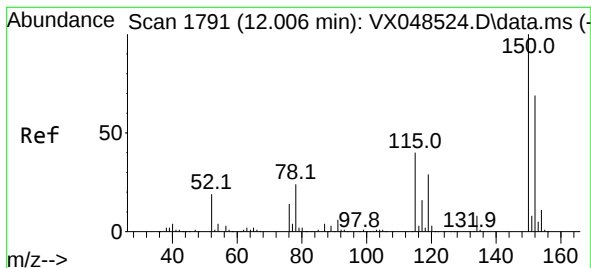
Tgt Ion: 95 Resp: 225288
Ion Ratio Lower Upper
95 100
174 80.6 0.0 161.8
176 77.9 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

Tgt Ion: 117 Resp: 454804
Ion Ratio Lower Upper
117 100
82 53.5 44.4 66.6
119 32.5 25.1 37.7

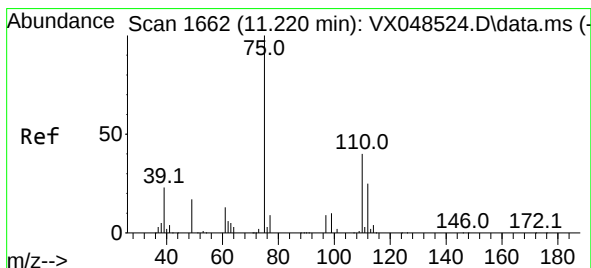
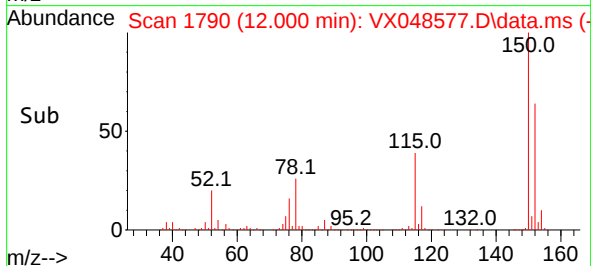
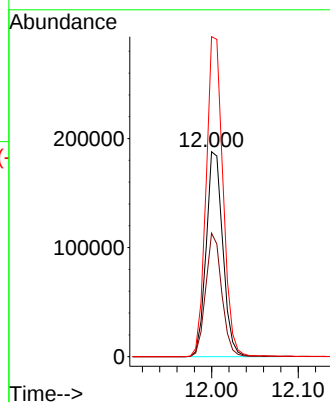
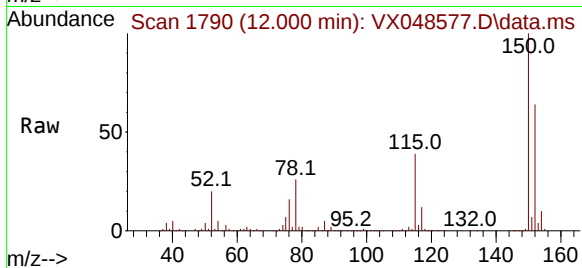




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

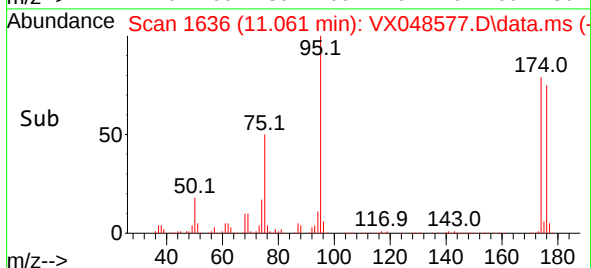
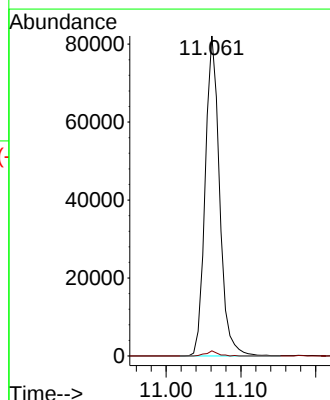
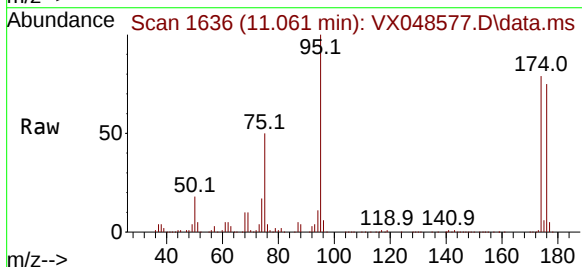
Instrument :
MSVOA_X
ClientSampleId :
IBLK

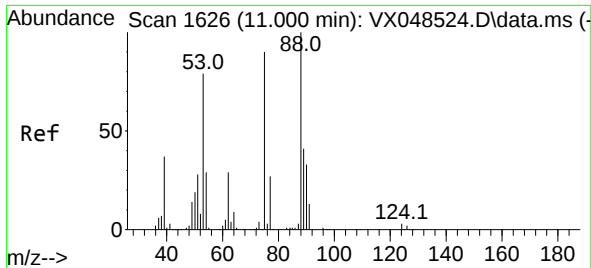
Tgt Ion:152 Resp: 251206
Ion Ratio Lower Upper
152 100
115 58.1 39.2 117.6
150 158.3 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 18.109 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

Tgt Ion: 75 Resp: 109593
Ion Ratio Lower Upper
75 100
77 1.3 24.3 72.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.797 ug/l
 RT: 11.061 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX048577.D
 Acq: 12 Nov 2025 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 109593
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.4 108.6#
 89 0.0 43.6 65.4#

