

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046789.D
 Acq On : 20 Jun 2025 17:40
 Operator : JC/MD
 Sample : Q2258-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 21 00:10:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

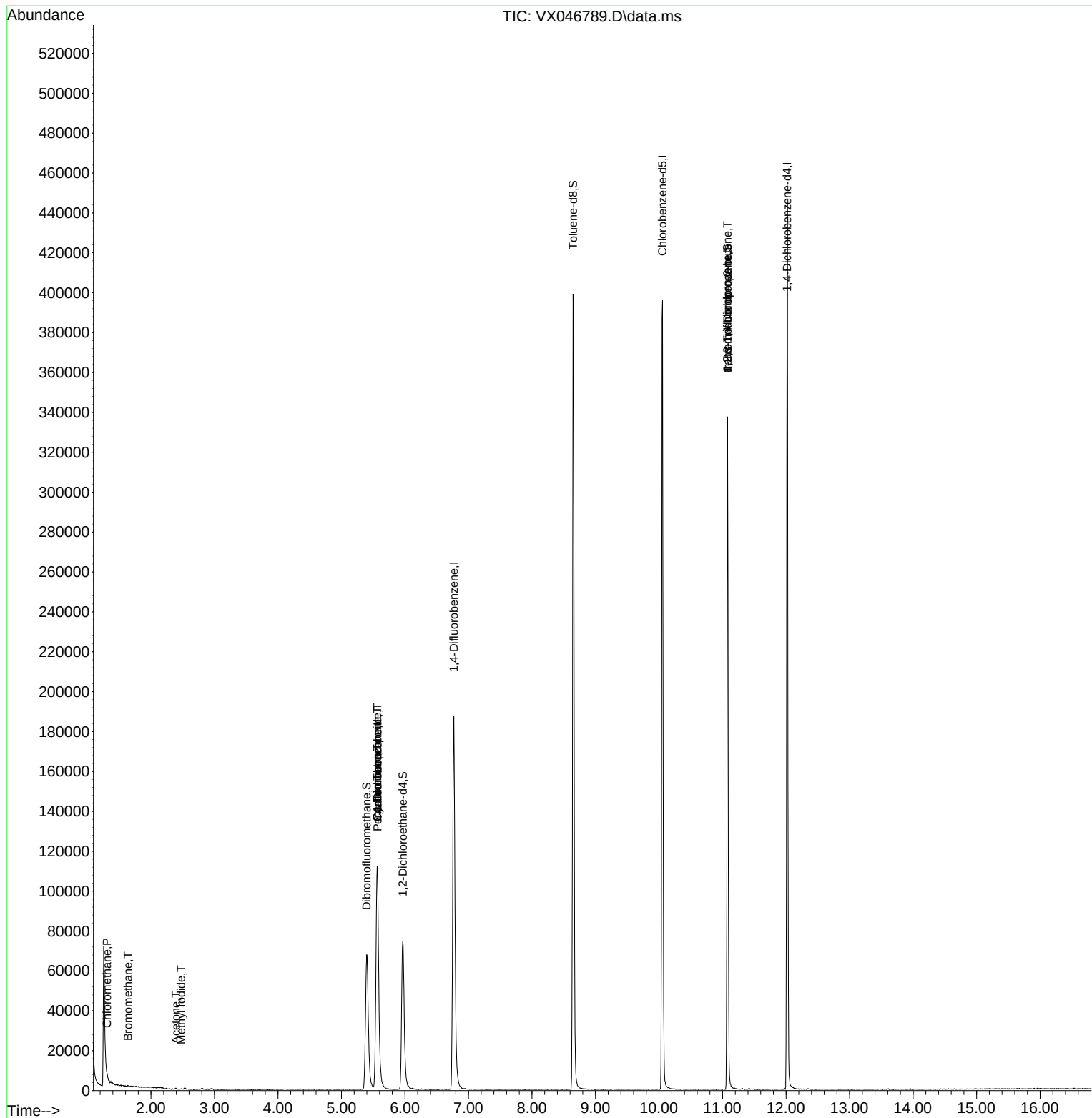
Internal Standards						
1) Pentafluorobenzene	5.568	168	114897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	203300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80067	50.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.760%	
35) Dibromofluoromethane	5.397	113	66126	49.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.320%	
50) Toluene-d8	8.647	98	242465	50.173	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	11.079	95	89670	49.777	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	521	0.393	ug/l	90
5) Bromomethane	1.636	94	169	0.213	ug/l	91
10) Methyl Iodide	2.477	142	334	4.519	ug/l #	73
16) Acetone	2.392	43	693	1.308	ug/l	98
31) Cyclohexane	5.562	56	2381	1.001	ug/l #	10
36) 1,1-Dichloropropene	5.562	75	9270	4.774	ug/l #	52
38) Carbon Tetrachloride	5.562	117	11987	5.689	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	45938	27.580	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45938	77.957	ug/l #	7

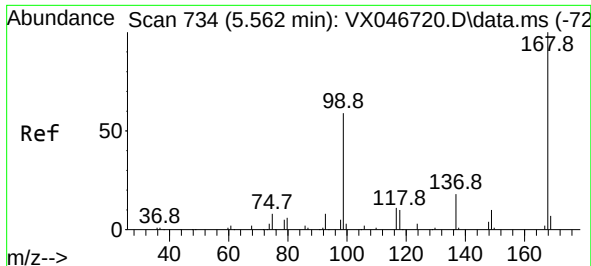
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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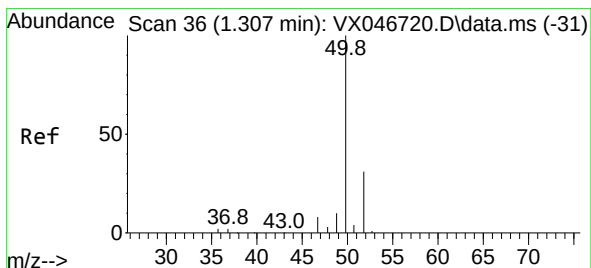
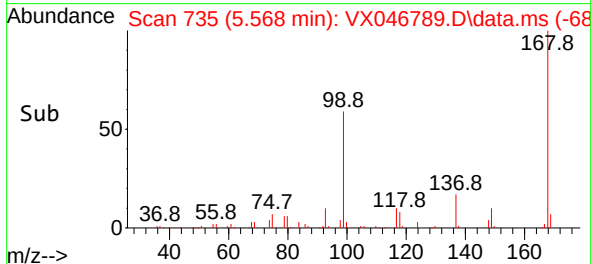
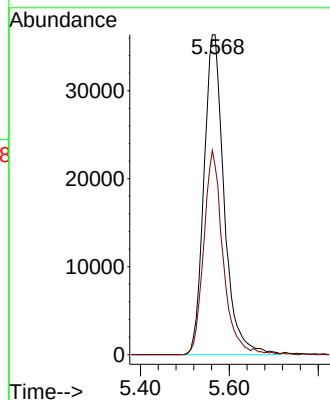
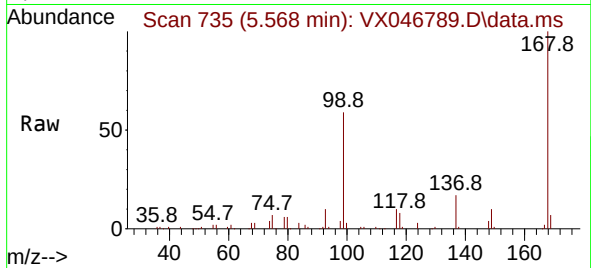




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

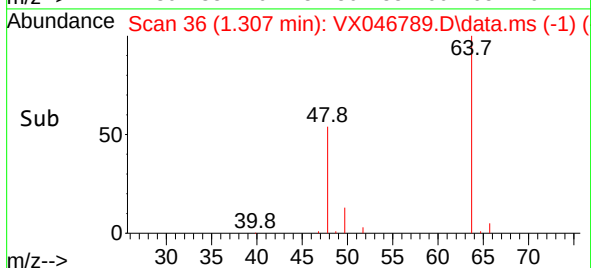
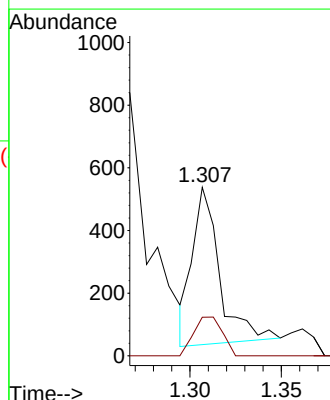
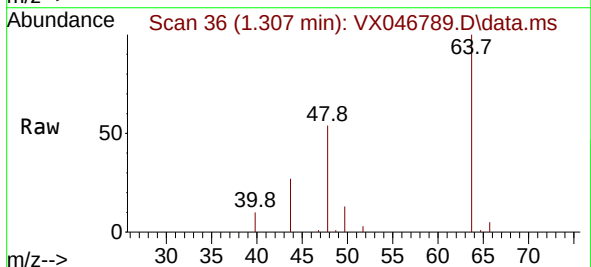
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

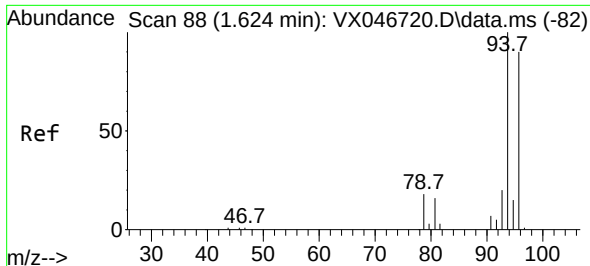
Tgt Ion:168 Resp: 114897
Ion Ratio Lower Upper
168 100
99 59.0 48.5 72.7



#3
Chloromethane
Concen: 0.393 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

Tgt Ion: 50 Resp: 521
Ion Ratio Lower Upper
50 100
52 25.6 24.9 37.3

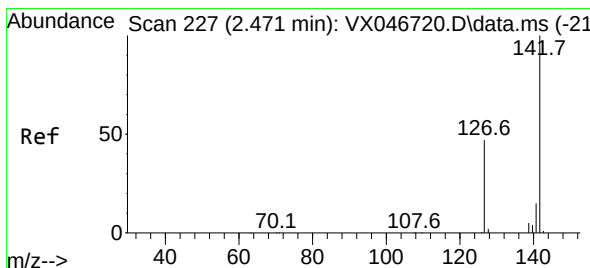
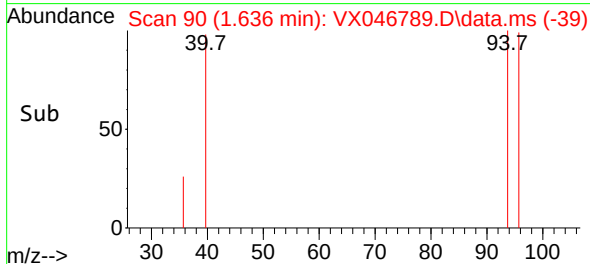
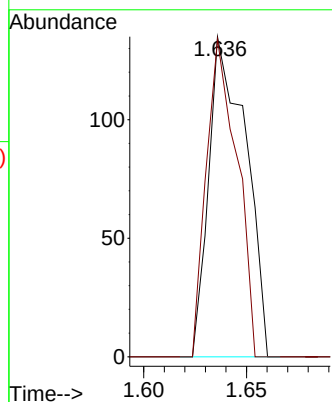
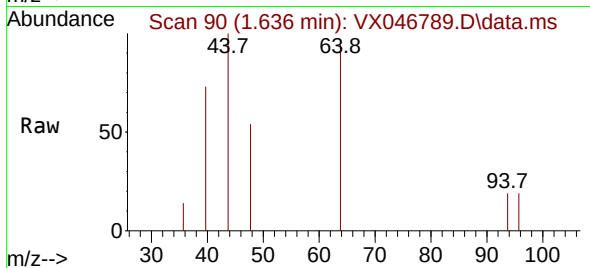




#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

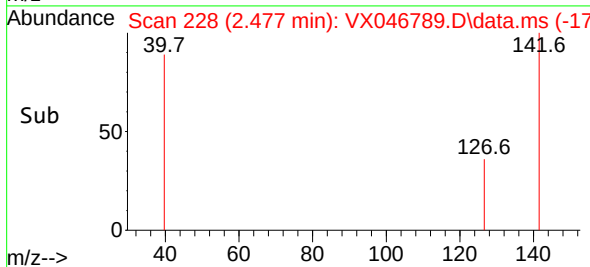
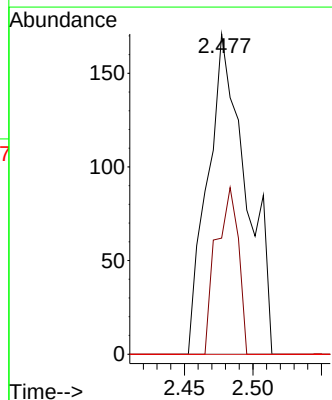
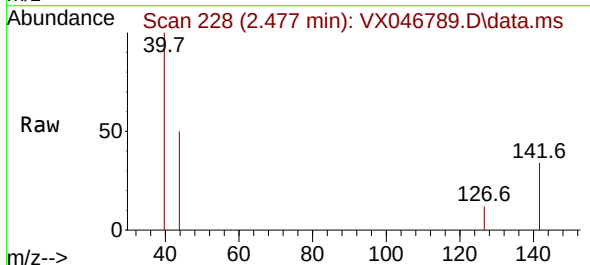
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

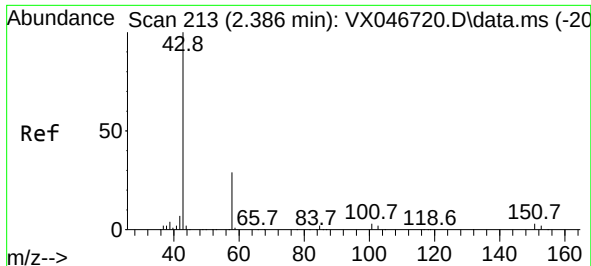
Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 99.3 72.3 108.5



#10
Methyl Iodide
Concen: 4.519 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

Tgt Ion: 142 Resp: 334
Ion Ratio Lower Upper
142 100
127 29.9 37.0 55.6#
141 0.0 11.5 17.3#

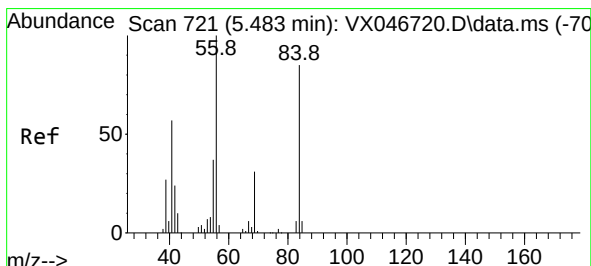
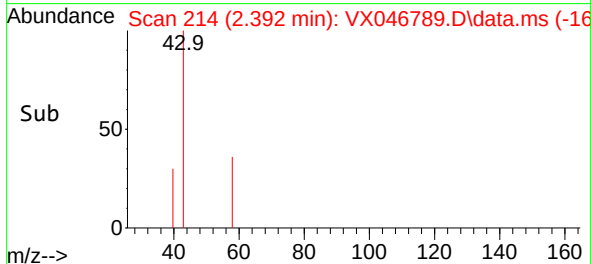
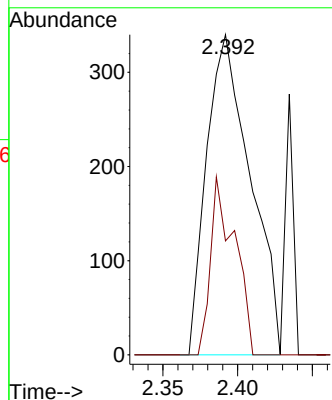
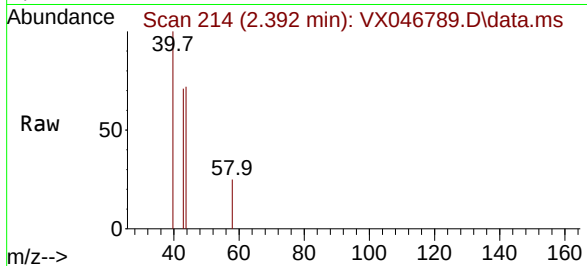




#16
Acetone
Concen: 1.308 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

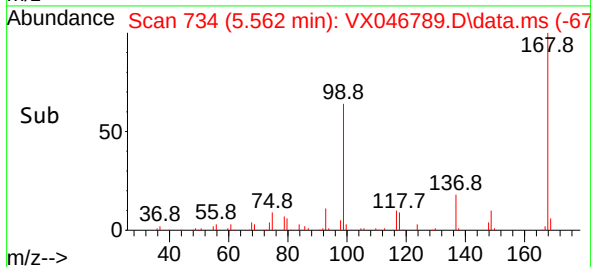
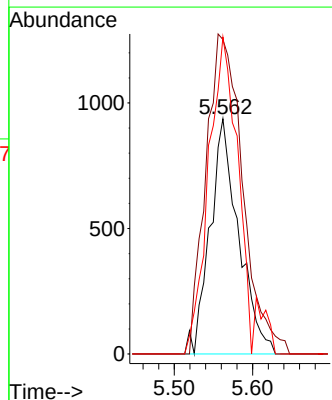
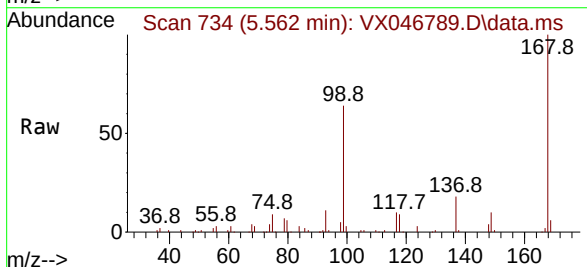
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

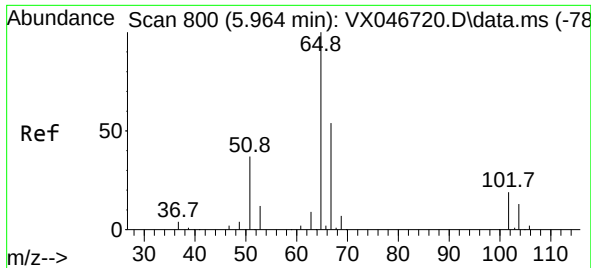
Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
58 29.6 24.5 36.7



#31
Cyclohexane
Concen: 1.001 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

Tgt Ion: 56 Resp: 2381
Ion Ratio Lower Upper
56 100
69 133.7 24.8 37.2#
84 134.8 68.2 102.2#

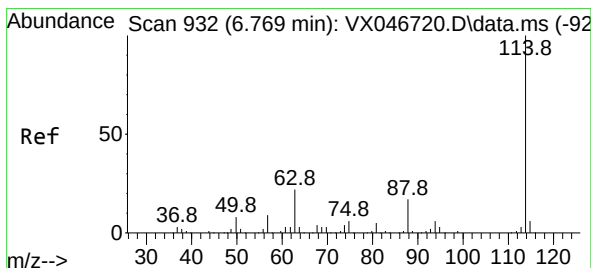
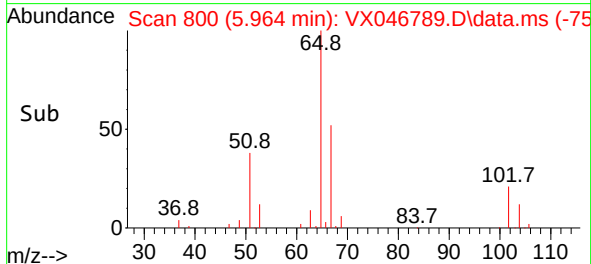
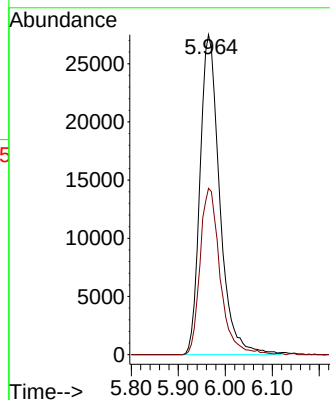
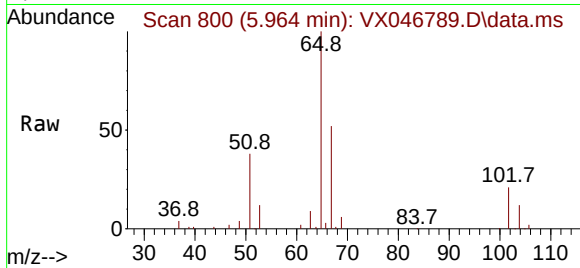




#33
1,2-Dichloroethane-d4
Concen: 50.381 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

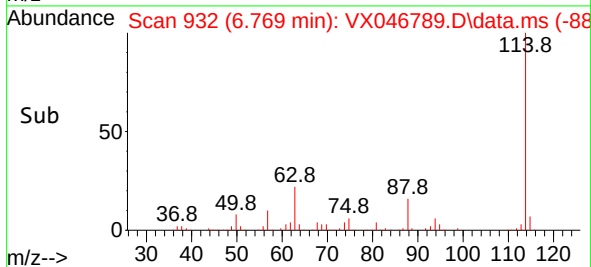
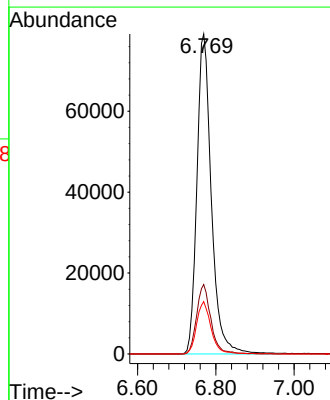
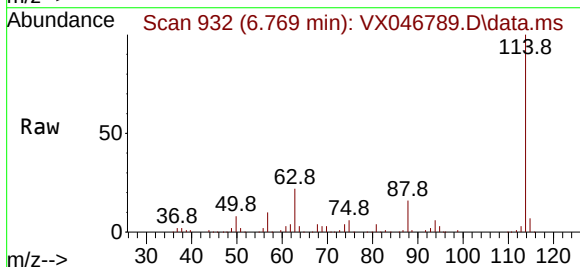
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

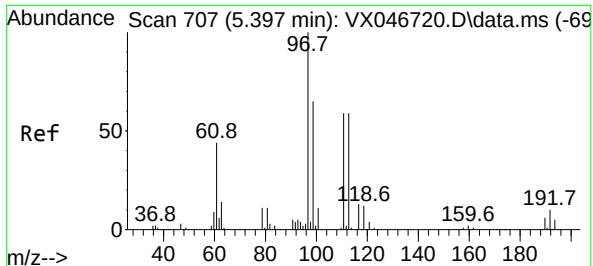
Tgt Ion	65	67
Resp	80067	53.0
Ratio	100	53.0
Lower		0.0
Upper		105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

Tgt Ion	114	63	88
Resp	203300	21.7	16.4
Ratio	100	21.7	16.4
Lower		0.0	0.0
Upper		44.2	33.2





#35

Dibromofluoromethane

Concen: 49.161 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046789.D

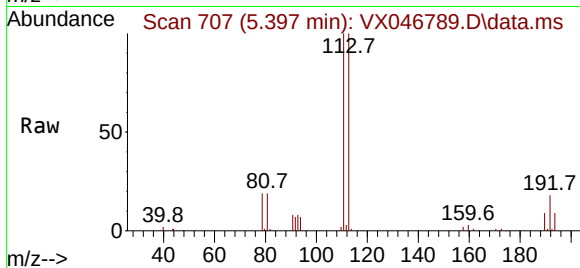
Acq: 20 Jun 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



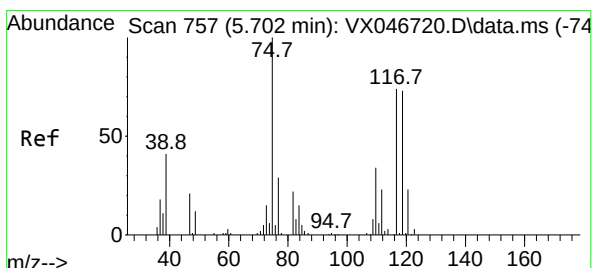
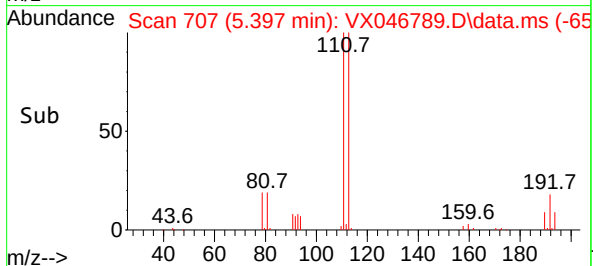
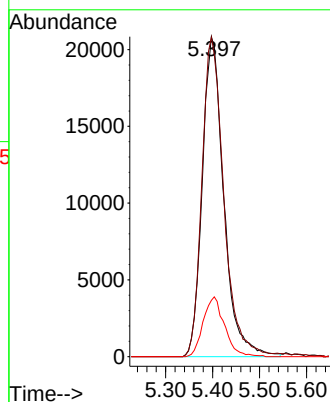
Tgt Ion:113 Resp: 66126

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

192 18.6 15.3 22.9



#36

1,1-Dichloropropene

Concen: 4.774 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX046789.D

Acq: 20 Jun 2025 17:40

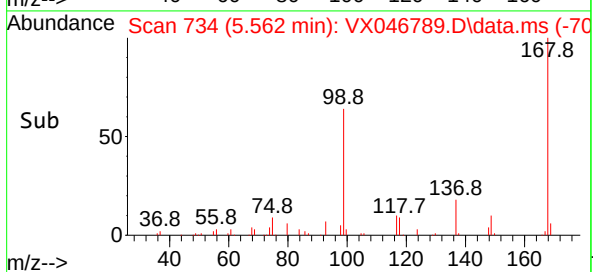
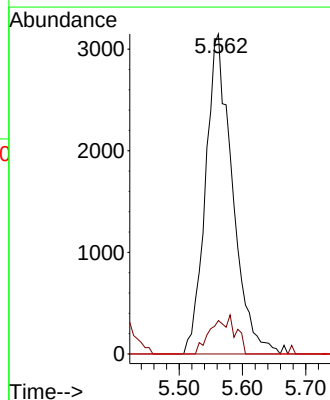
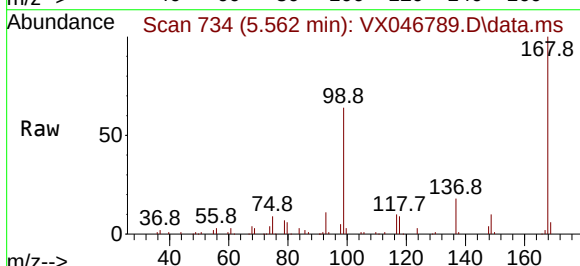
Tgt Ion: 75 Resp: 9270

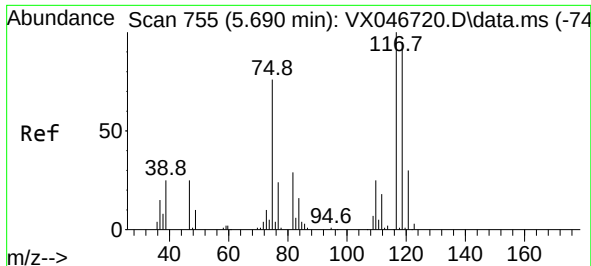
Ion Ratio Lower Upper

75 100

110 11.0 17.2 51.5#

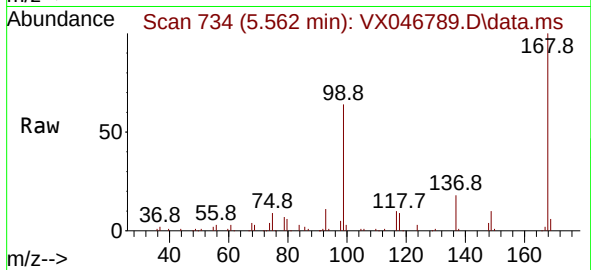
77 0.0 24.2 36.4#



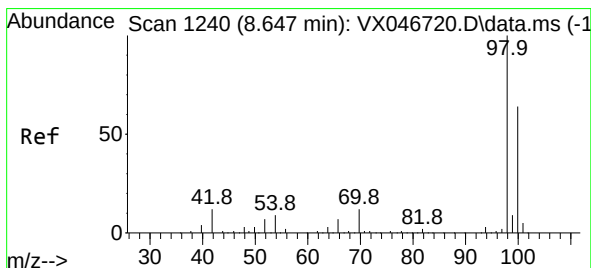
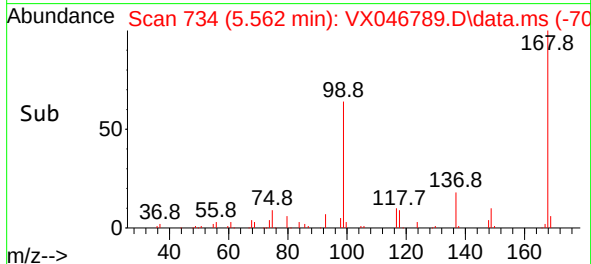
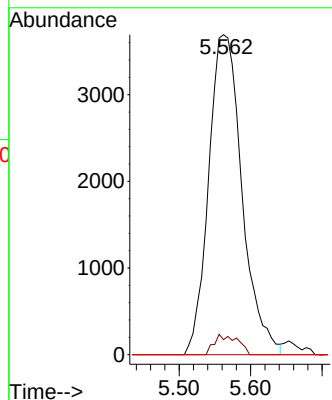


#38
Carbon Tetrachloride
Concen: 5.689 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

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

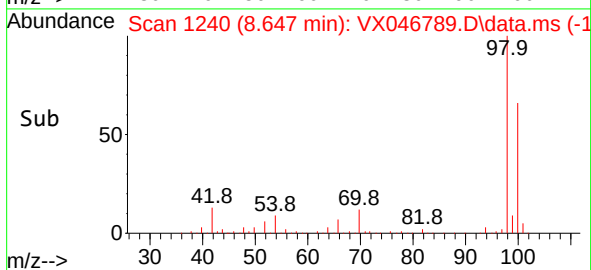
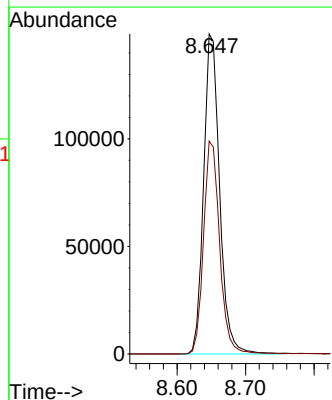
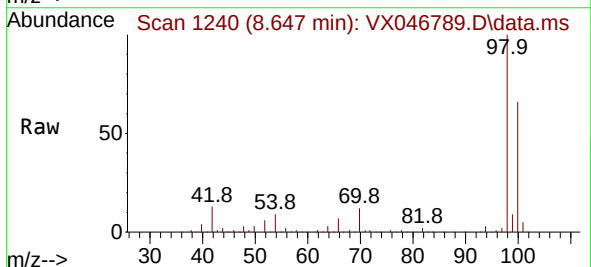


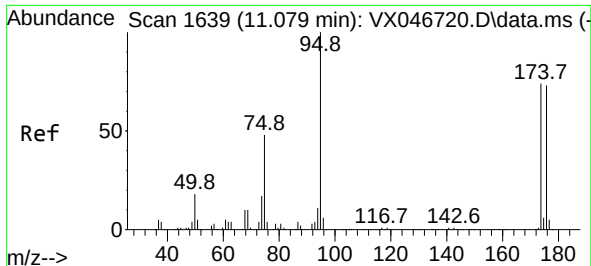
Tgt Ion:117 Resp: 11987
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.173 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

Tgt Ion: 98 Resp: 242465
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

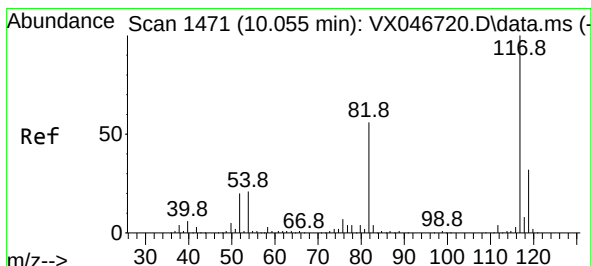
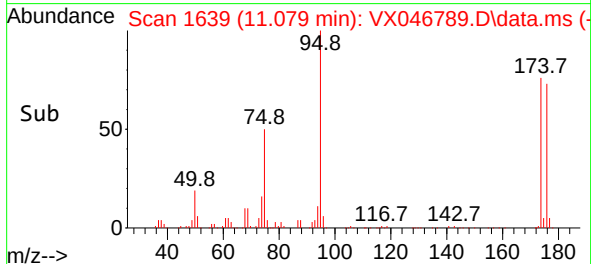
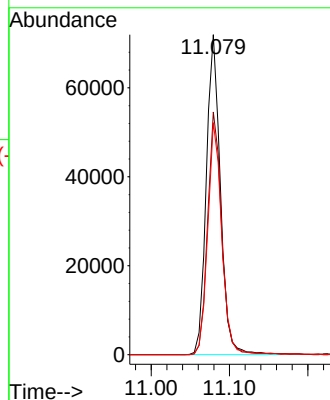
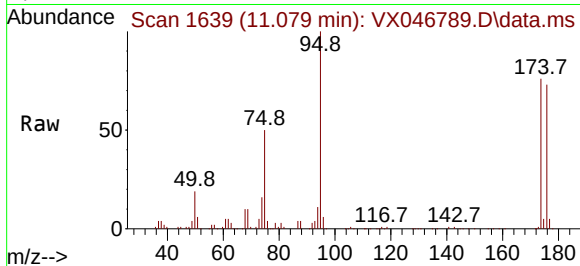




#62
4-Bromofluorobenzene
Concen: 49.777 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

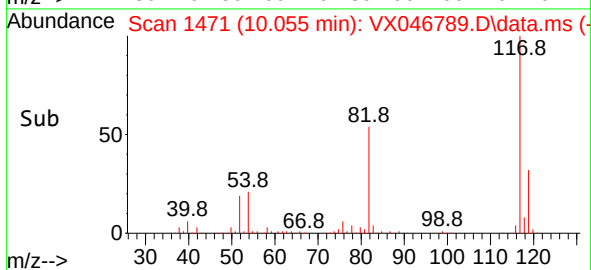
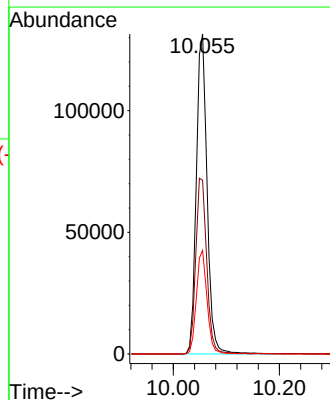
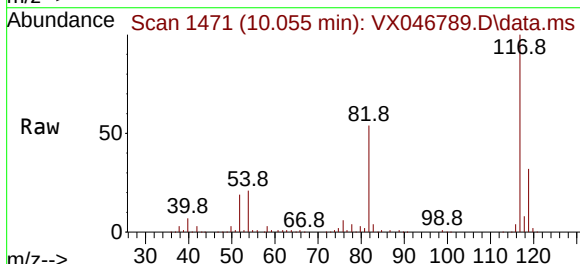
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

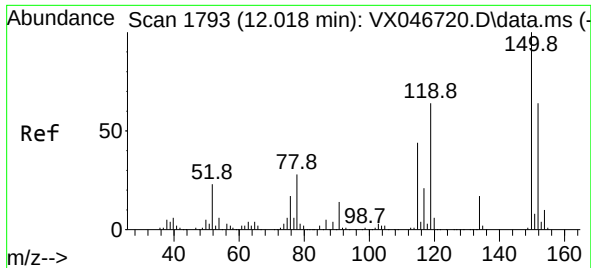
Tgt Ion: 95 Resp: 89670
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.4
176 72.4 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

Tgt Ion: 117 Resp: 185688
Ion Ratio Lower Upper
117 100
82 54.3 44.6 66.8
119 32.4 25.8 38.8

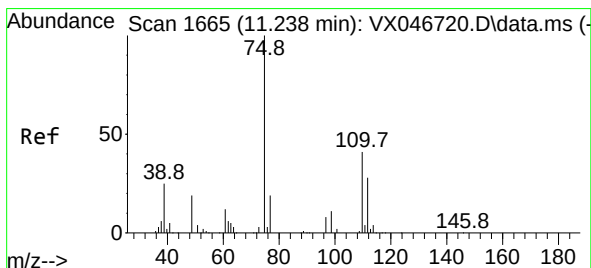
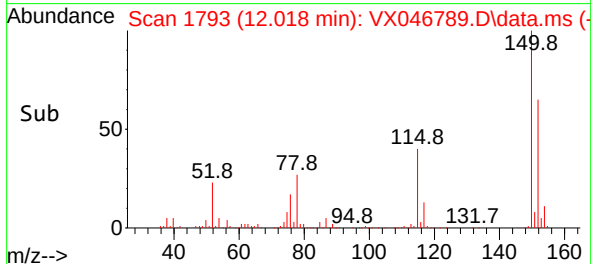
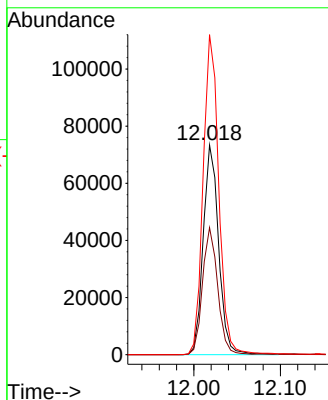
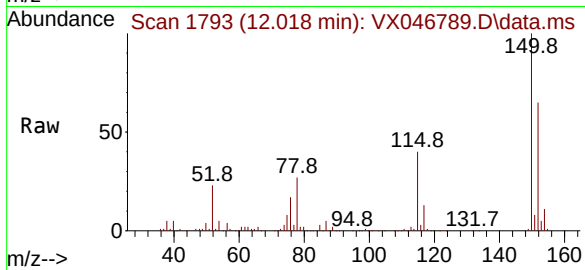




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

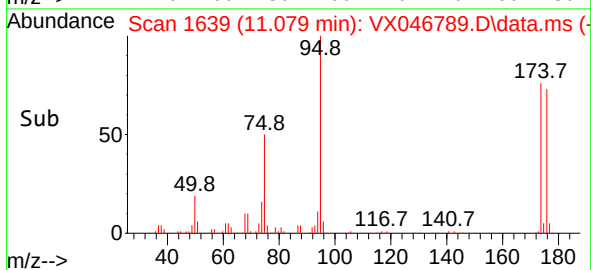
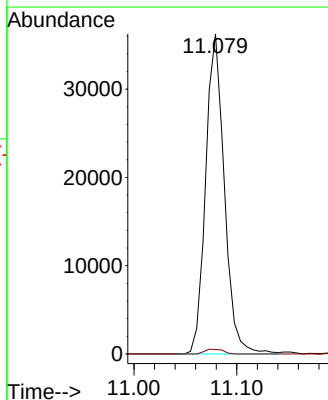
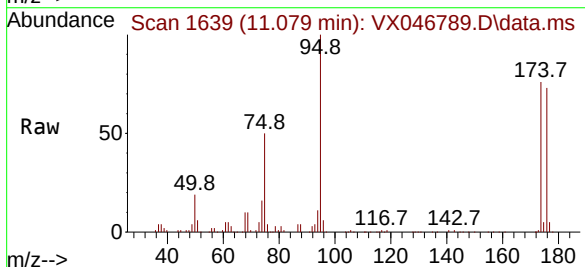
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

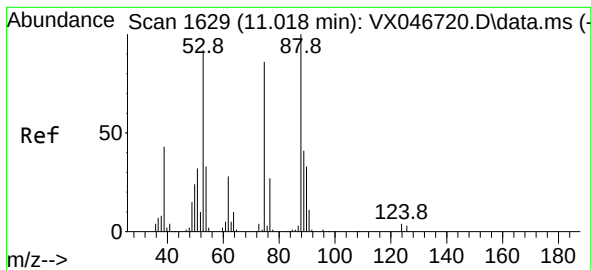
Tgt Ion:152 Resp: 90942
Ion Ratio Lower Upper
152 100
115 59.9 43.2 129.6
150 155.1 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

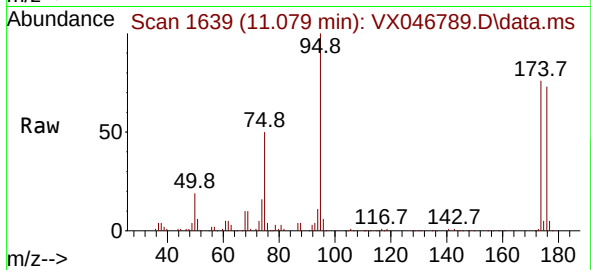
Tgt Ion: 75 Resp: 45938
Ion Ratio Lower Upper
75 100
77 1.5 18.5 55.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.957 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

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



Tgt Ion: 75 Resp: 45938
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

