

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045675.D
 Acq On : 09 Apr 2025 14:57
 Operator : JC/MD
 Sample : Q1729-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Apr 10 01:35:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

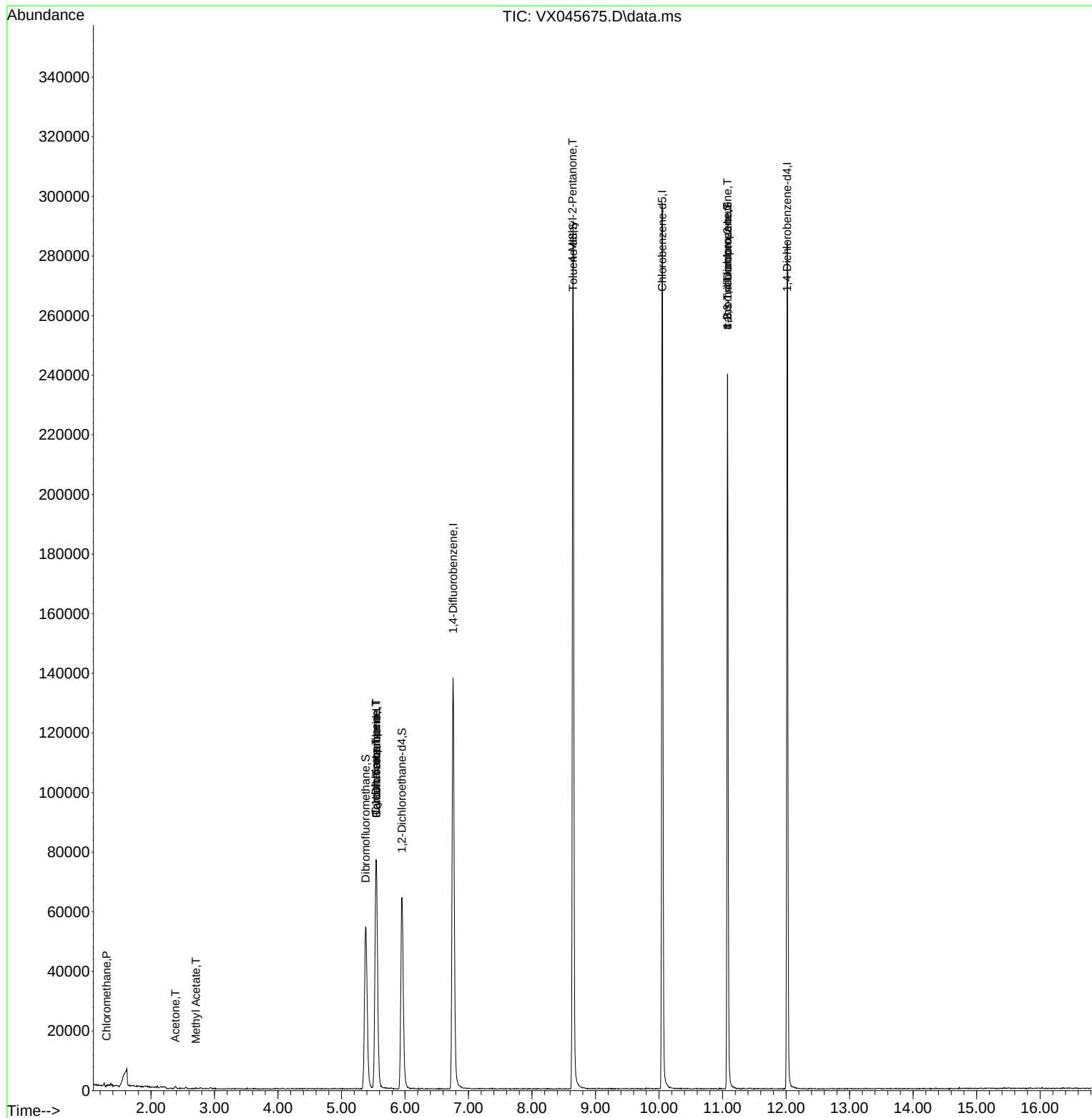
Internal Standards						
1) Pentafluorobenzene	5.550	168	65953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67218	55.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.460%	
35) Dibromofluoromethane	5.379	113	47437	51.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.120%	
50) Toluene-d8	8.647	98	164442	50.711	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	11.079	95	62105	52.579	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	327	0.323	ug/l #	42
16) Acetone	2.386	43	888	1.793	ug/l	93
18) Methyl Acetate	2.709	43	353	0.310	ug/l #	54
31) Cyclohexane	5.544	56	2187	1.478	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	6729	5.364	ug/l #	48
38) Carbon Tetrachloride	5.550	117	7571	5.585	ug/l #	18
51) 4-Methyl-2-Pentanone	8.641	43	943	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35661	28.161	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35661	95.575	ug/l #	1

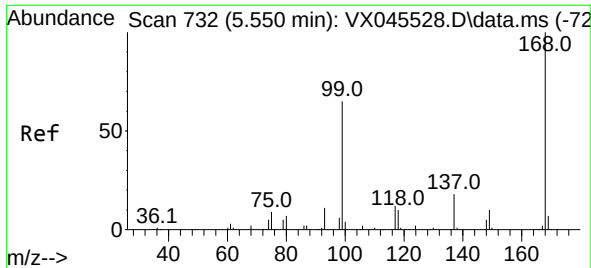
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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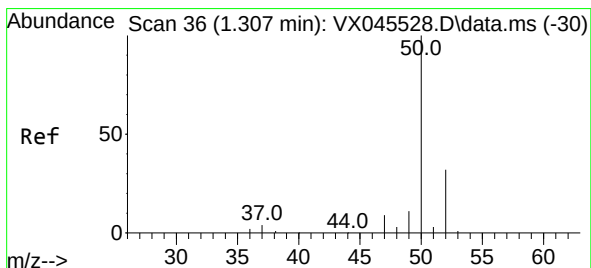
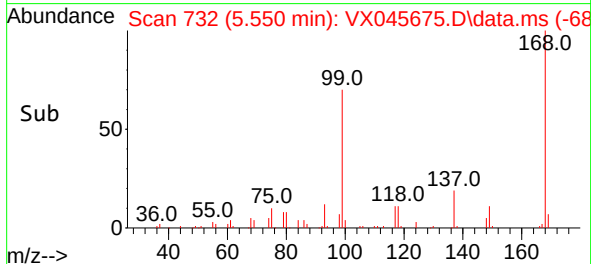
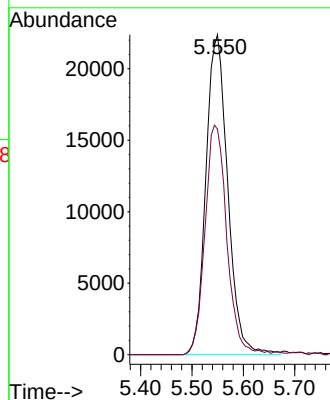
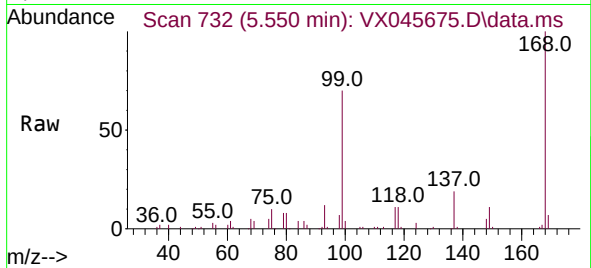




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

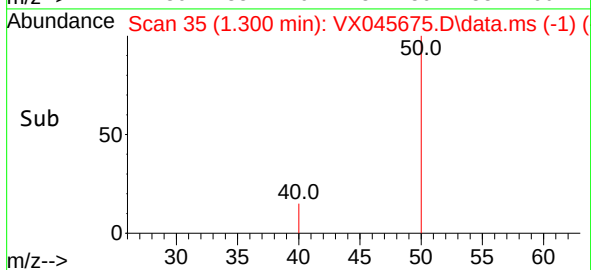
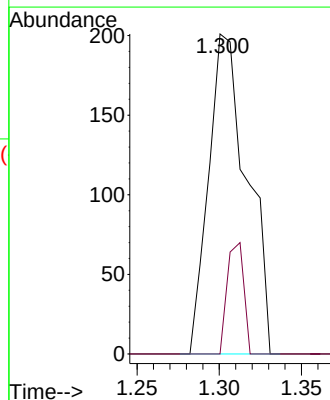
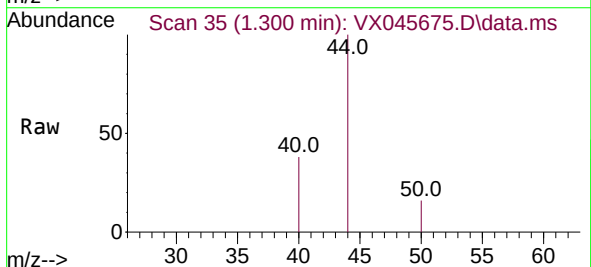
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

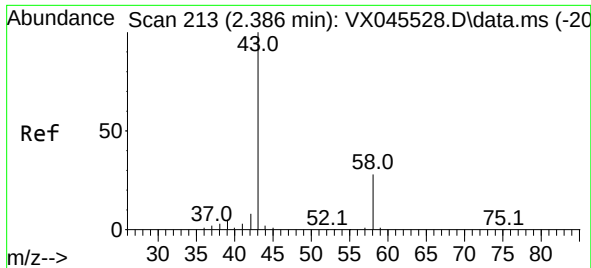
Tgt Ion:168 Resp: 65953
Ion Ratio Lower Upper
168 100
99 70.5 52.3 78.5



#3
Chloromethane
Concen: 0.323 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

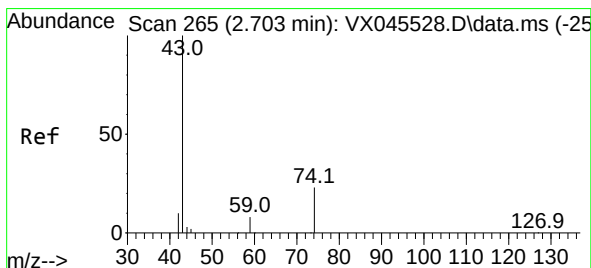
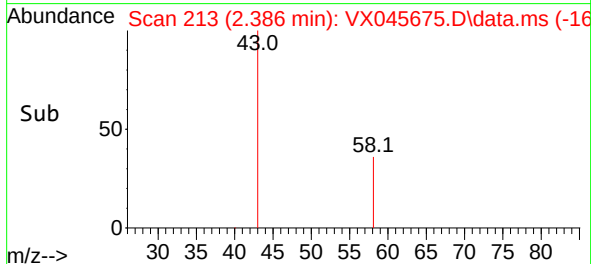
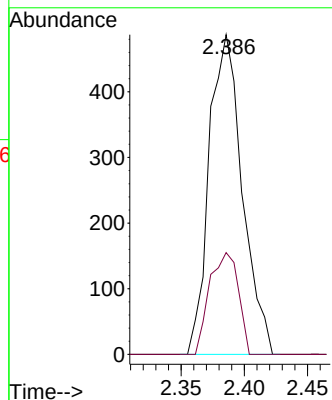
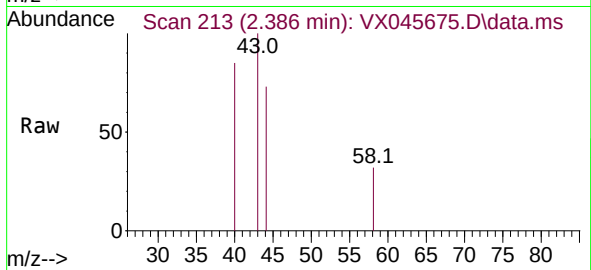




#16
Acetone
Concen: 1.793 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

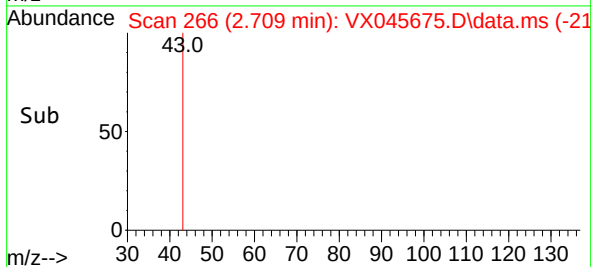
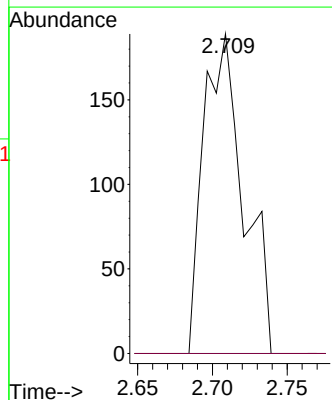
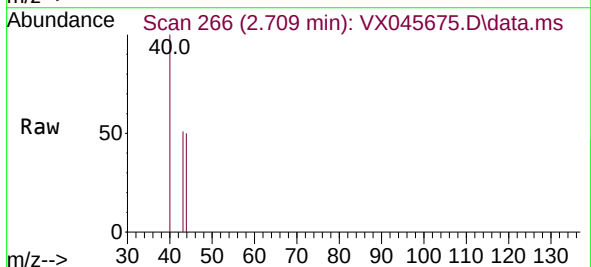
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

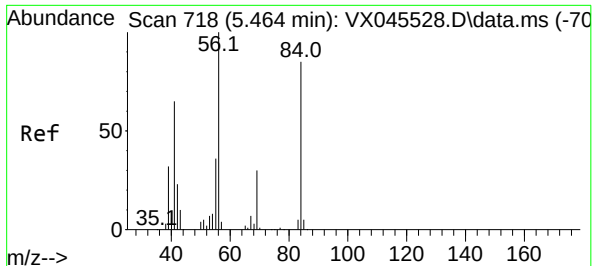
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 31.8 22.3 33.5



#18
Methyl Acetate
Concen: 0.310 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

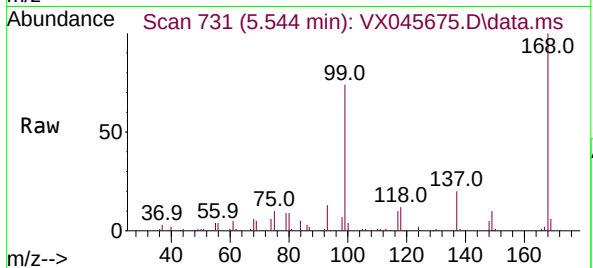
Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



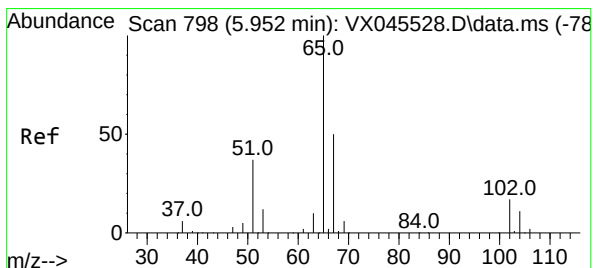
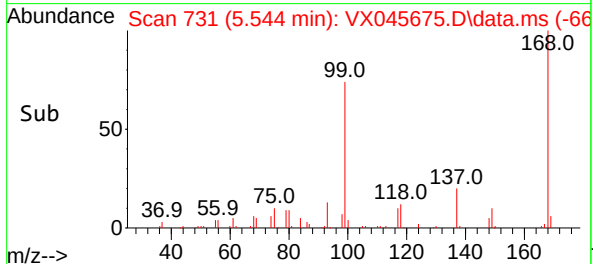
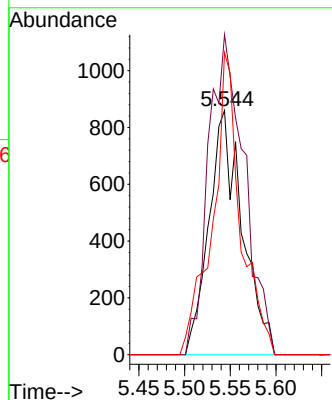


#31
Cyclohexane
Concen: 1.478 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

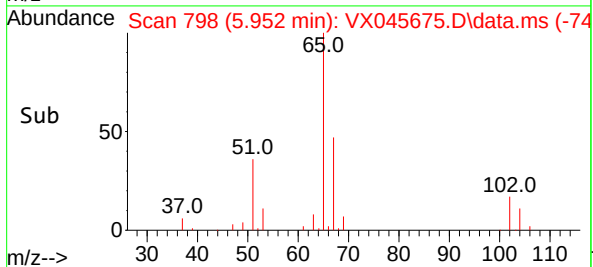
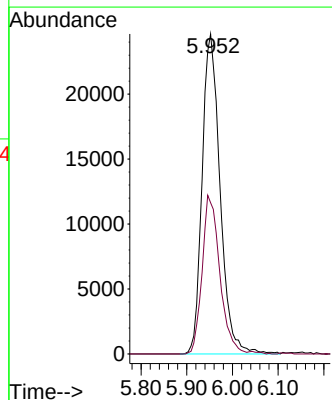
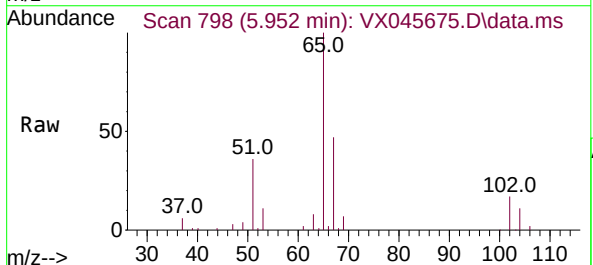


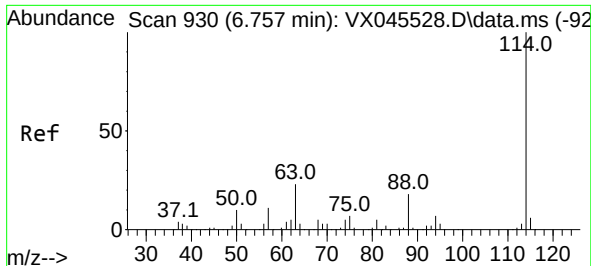
Tgt Ion: 56 Resp: 2187
Ion Ratio Lower Upper
56 100
69 131.0 23.6 35.4#
84 123.7 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 55.731 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

Tgt Ion: 65 Resp: 67218
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0

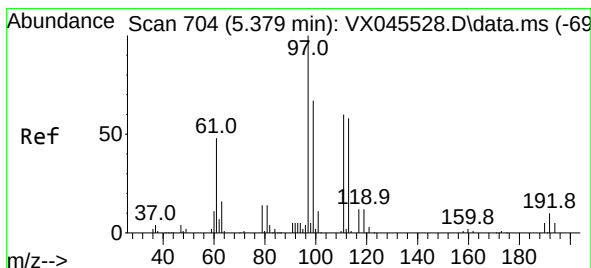
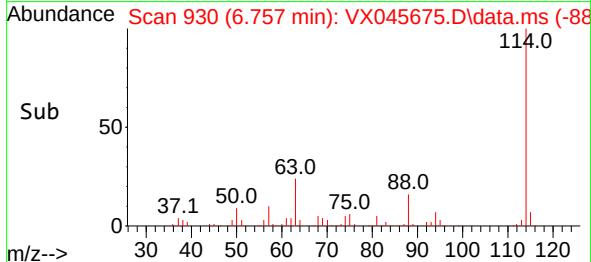
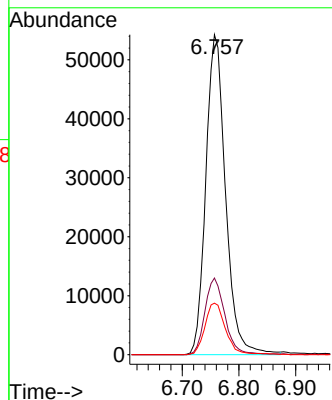
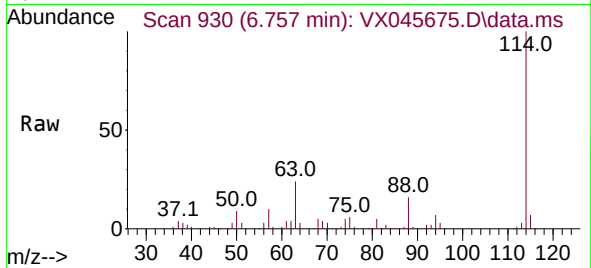




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

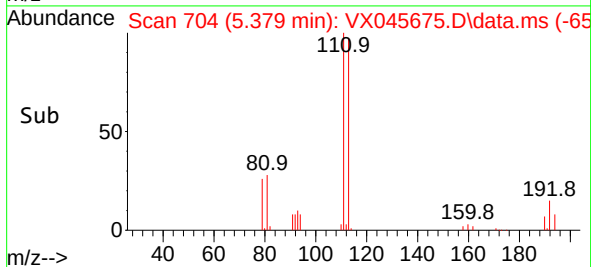
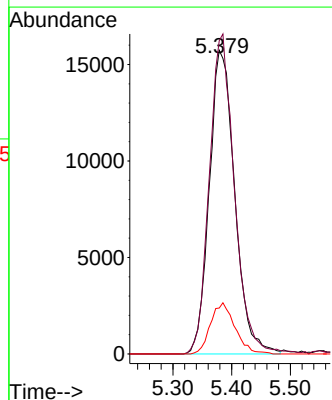
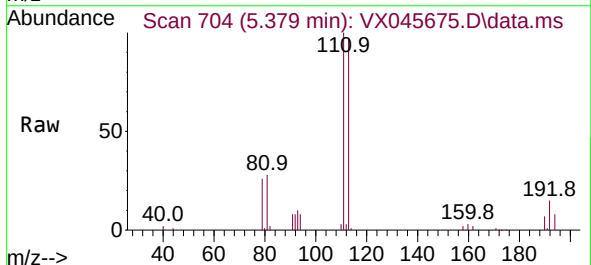
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

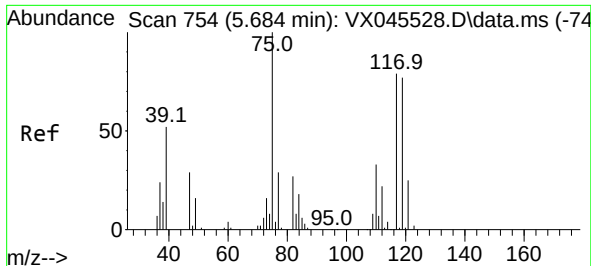
Tgt Ion:114 Resp: 130944
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.8
88 16.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.060 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

Tgt Ion:113 Resp: 47437
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 16.2 13.8 20.6

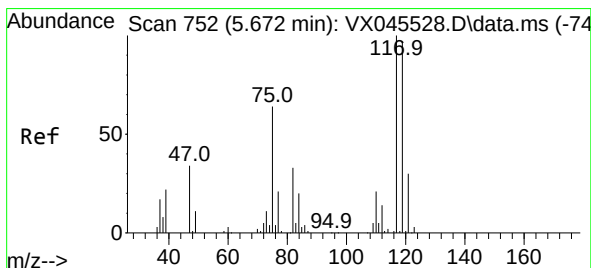
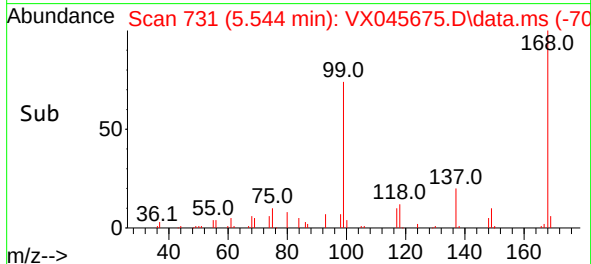
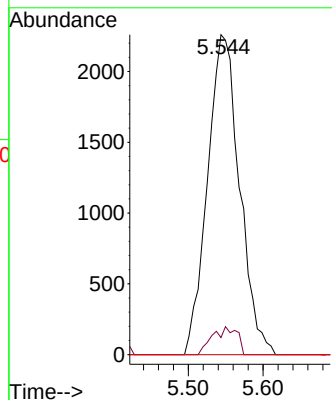
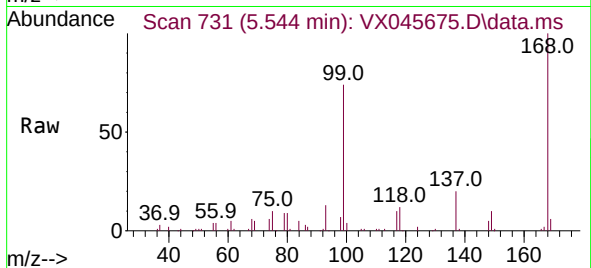




#36
1,1-Dichloropropene
Concen: 5.364 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

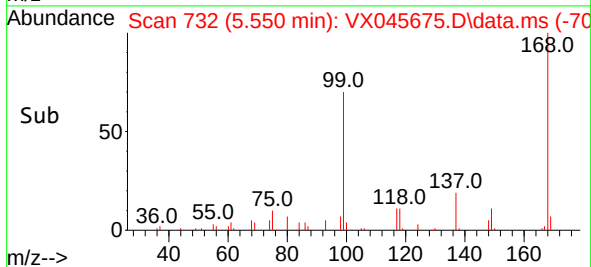
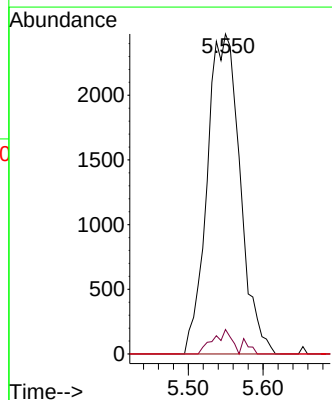
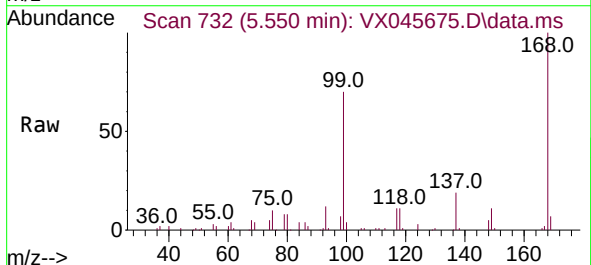
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

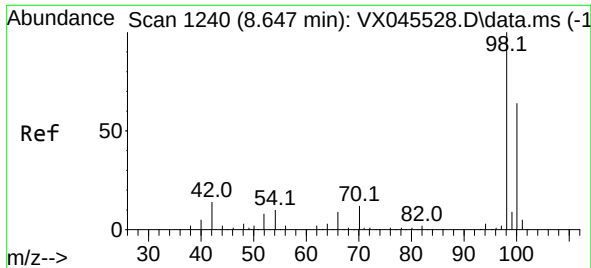
Tgt Ion: 75 Resp: 6729
Ion Ratio Lower Upper
75 100
110 6.7 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.585 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

Tgt Ion: 117 Resp: 7571
Ion Ratio Lower Upper
117 100
119 7.6 76.9 115.3#
121 0.0 24.2 36.2#

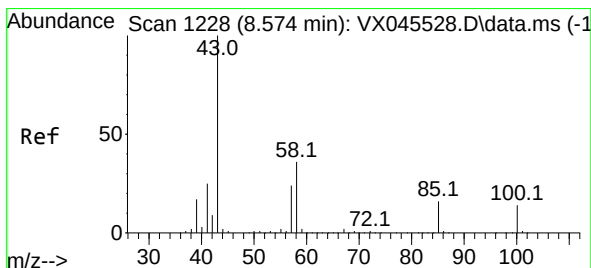
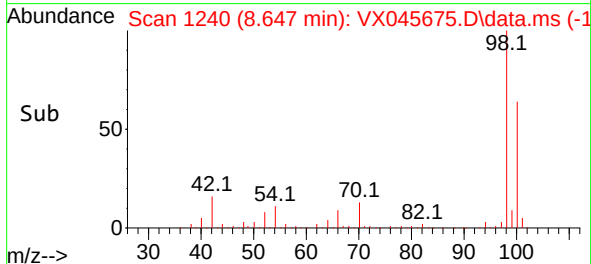
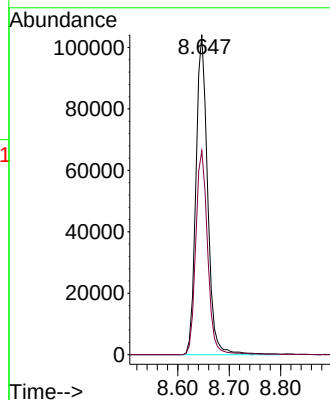
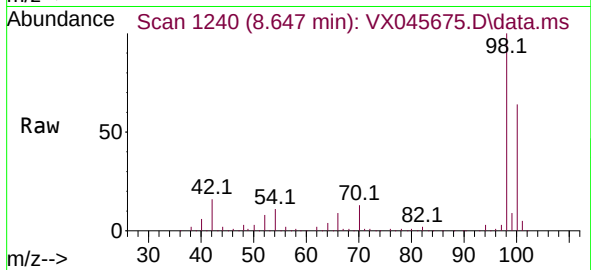




#50
Toluene-d8
Concen: 50.711 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

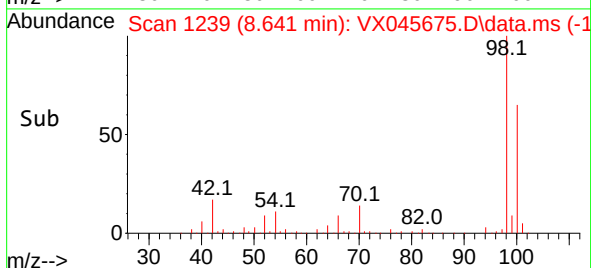
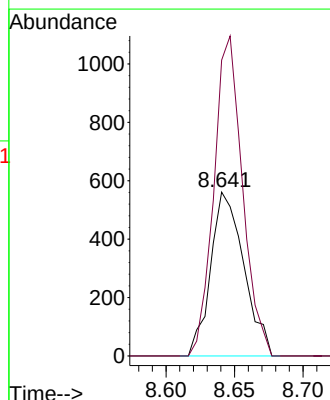
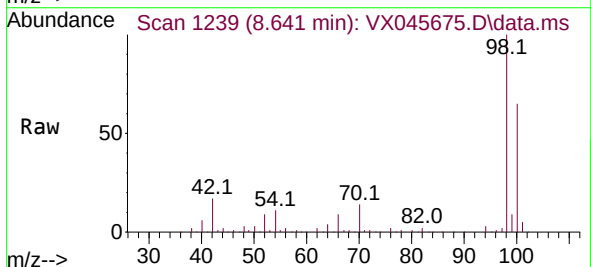
Instrument :
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ClientSampleId :
Storage-Blank-WATER-REF-4

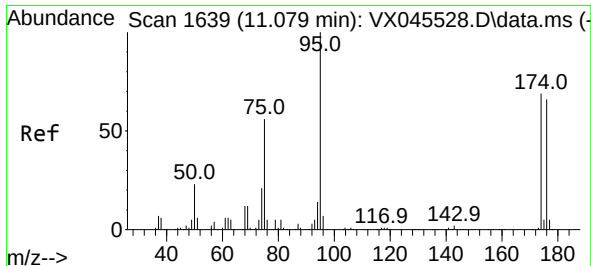
Tgt Ion: 98 Resp: 164442
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045675.D
Acq: 09 Apr 2025 14:57

Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 168.8 28.5 42.7#





#62

4-Bromofluorobenzene

Concen: 52.579 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045675.D

Acq: 09 Apr 2025 14:57

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

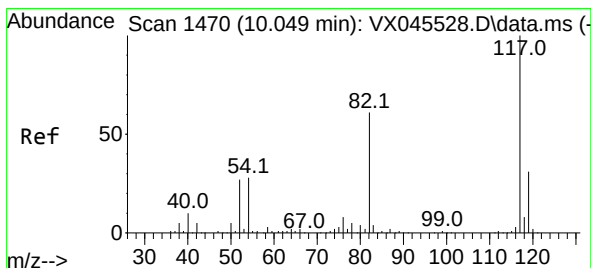
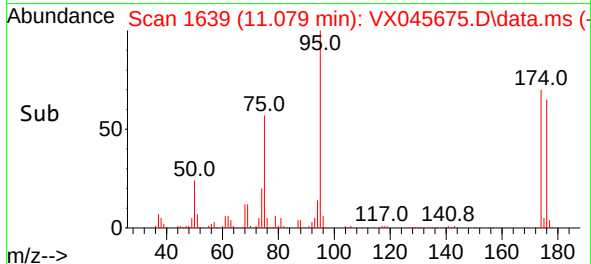
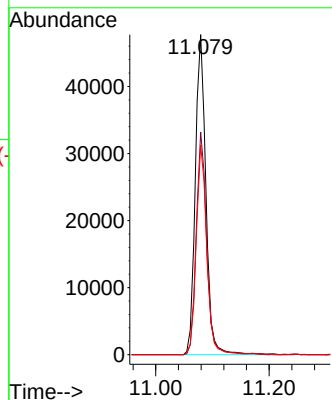
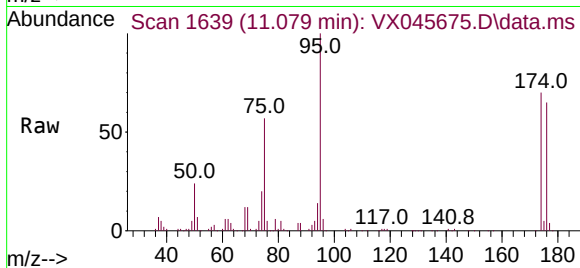
Tgt Ion: 95 Resp: 62105

Ion Ratio Lower Upper

95 100

174 68.3 0.0 135.8

176 64.9 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045675.D

Acq: 09 Apr 2025 14:57

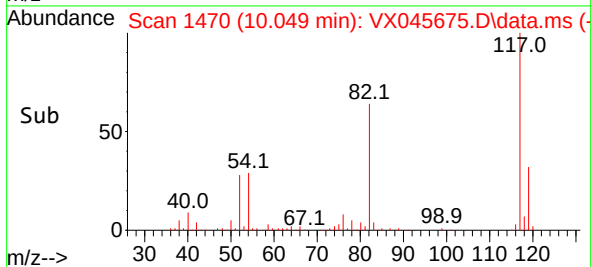
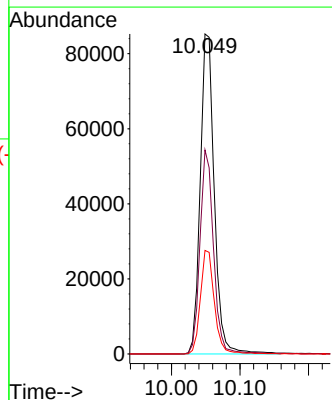
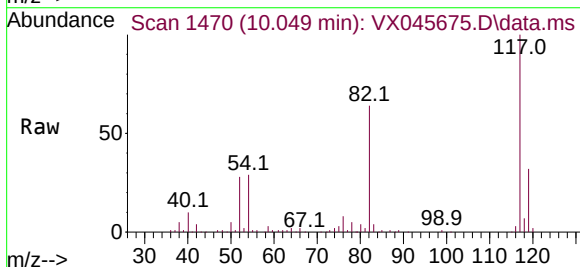
Tgt Ion: 117 Resp: 122026

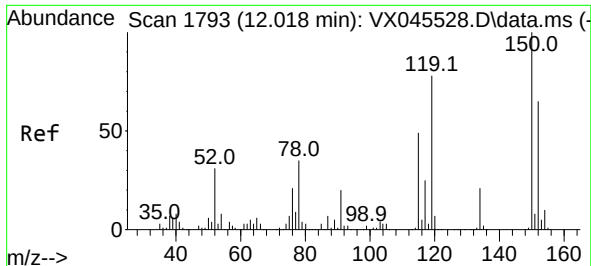
Ion Ratio Lower Upper

117 100

82 63.8 49.2 73.8

119 32.3 25.1 37.7

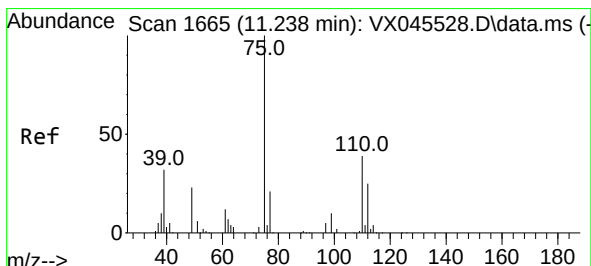
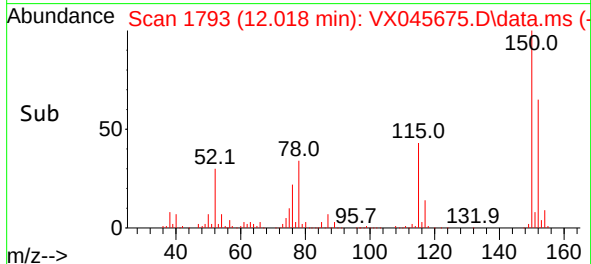
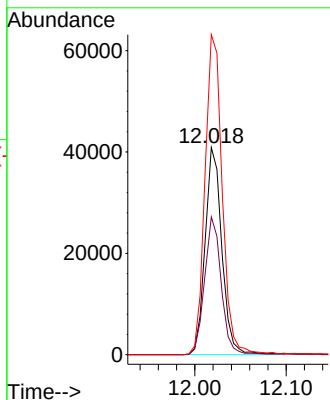
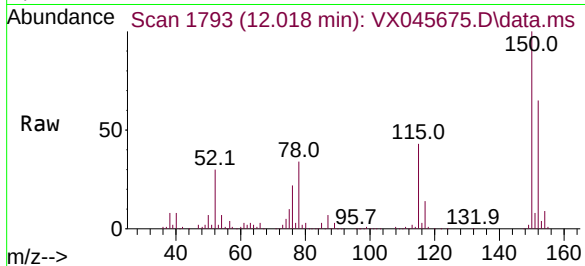




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045675.D
 Acq: 09 Apr 2025 14:57

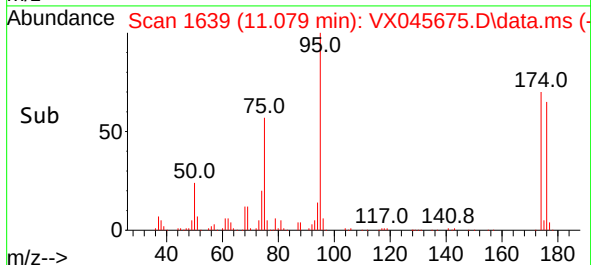
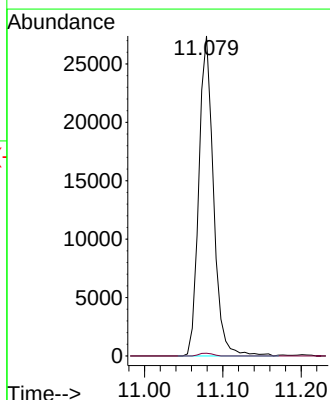
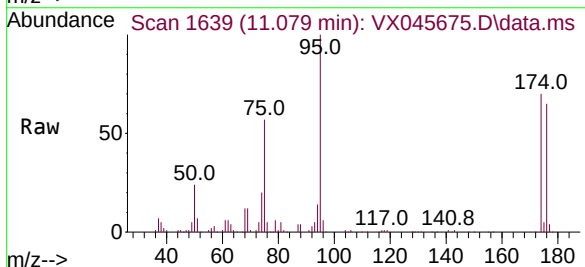
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

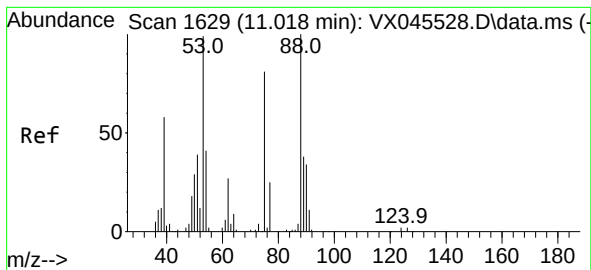
Tgt Ion:152 Resp: 51915
 Ion Ratio Lower Upper
 152 100
 115 66.0 46.9 140.7
 150 159.1 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 28.161 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045675.D
 Acq: 09 Apr 2025 14:57

Tgt Ion: 75 Resp: 35661
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.575 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045675.D
 Acq: 09 Apr 2025 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Tgt Ion: 75 Resp: 35661
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.1 37.2 55.8#

