

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045358.D
 Acq On : 20 Mar 2025 14:03
 Operator : JC/MD
 Sample : Q1584-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 21 01:48:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

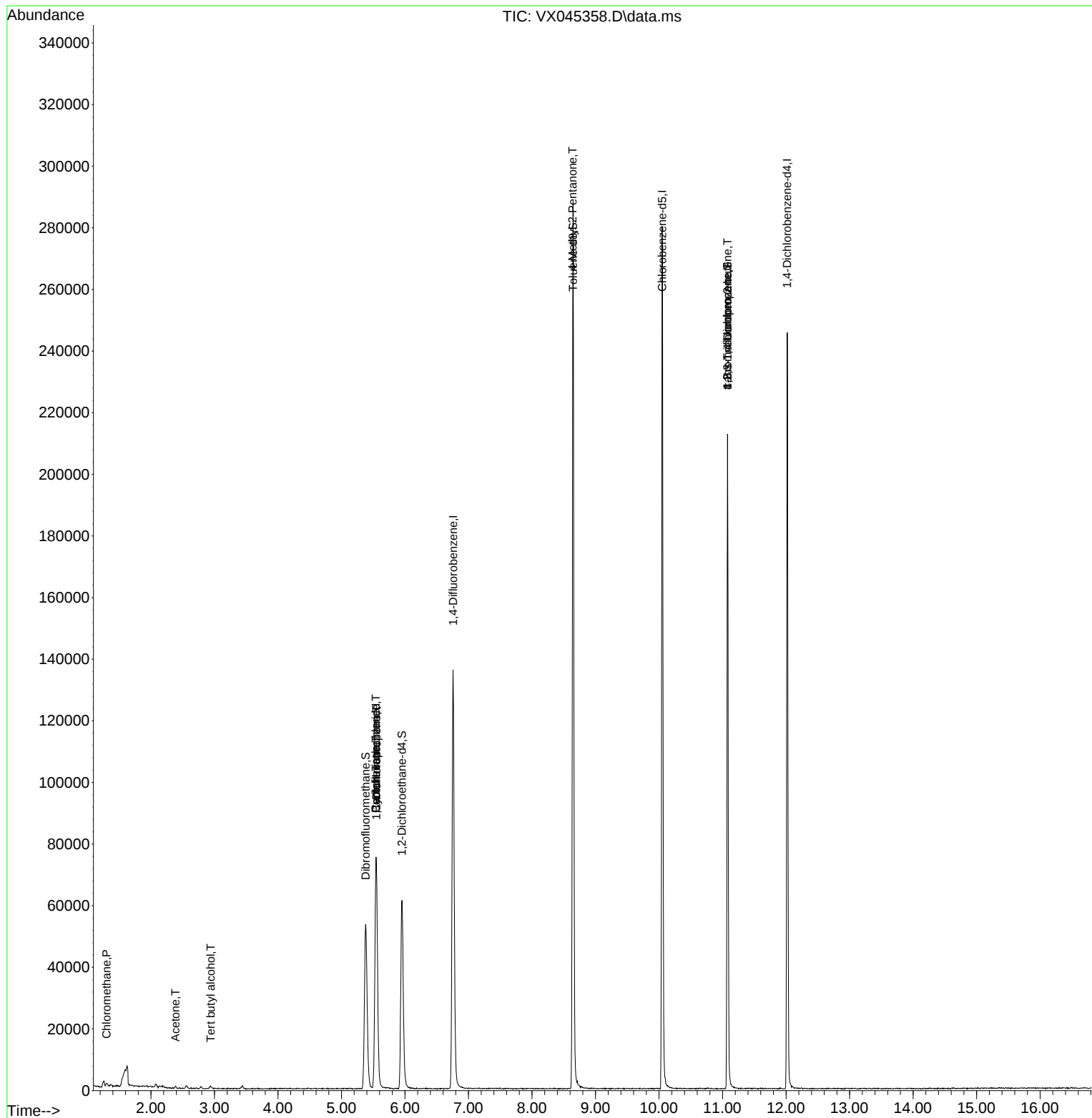
Internal Standards						
1) Pentafluorobenzene	5.544	168	67006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61092	57.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.640%	
35) Dibromofluoromethane	5.379	113	46017	53.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.040%	
50) Toluene-d8	8.647	98	164112	52.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.300%	
62) 4-Bromofluorobenzene	11.079	95	55671	53.391	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	1449	1.404	ug/l #	73
11) Tert butyl alcohol	2.941	59	309	1.531	ug/l #	73
16) Acetone	2.386	43	700	1.416	ug/l #	81
31) Cyclohexane	5.544	56	1951	1.345	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	6293	5.287	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7477	6.187	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1004	0.659	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30794	28.589	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30794	97.837	ug/l #	6

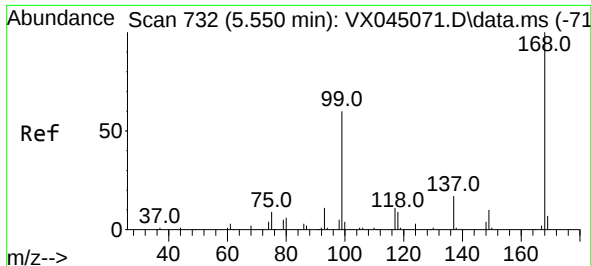
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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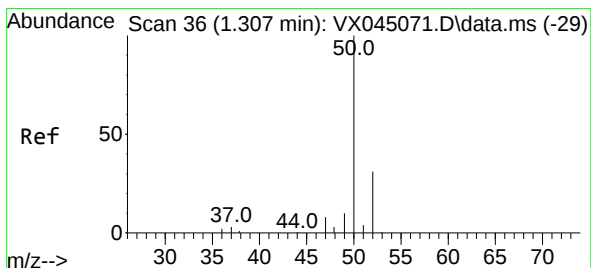
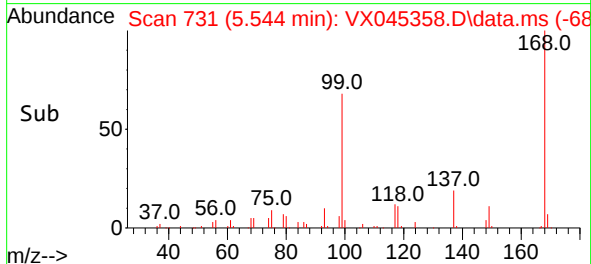
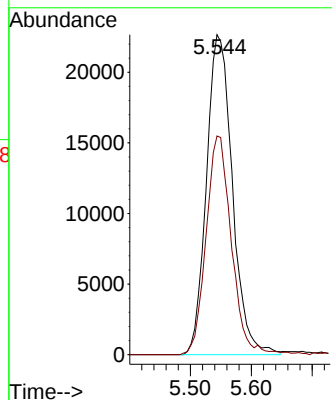
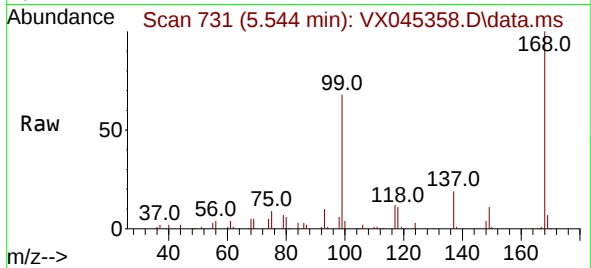




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

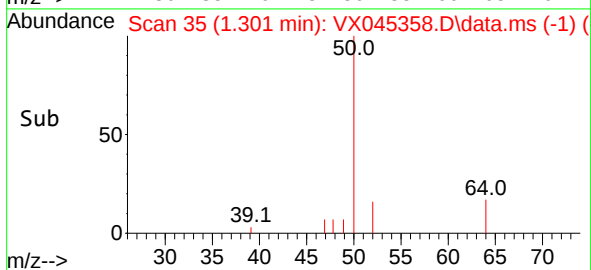
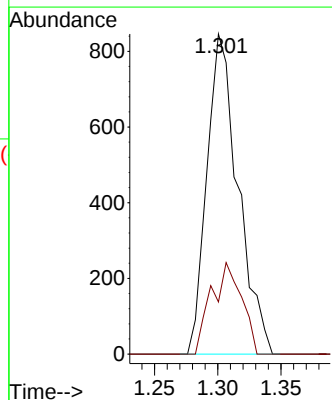
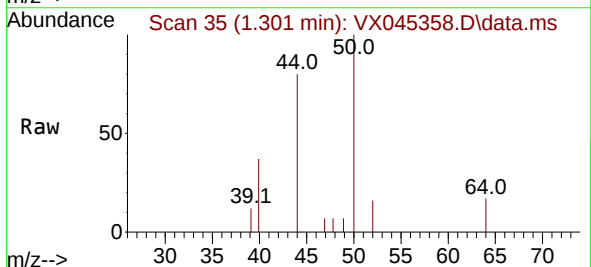
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

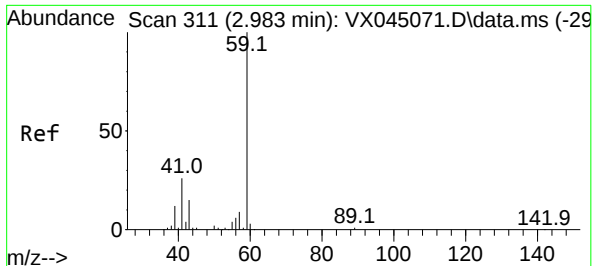
Tgt Ion:168 Resp: 67006
Ion Ratio Lower Upper
168 100
99 68.4 48.2 72.4



#3
Chloromethane
Concen: 1.404 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

Tgt Ion: 50 Resp: 1449
Ion Ratio Lower Upper
50 100
52 16.3 25.0 37.4#





#11

Tert butyl alcohol

Concen: 1.531 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045358.D

Acq: 20 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

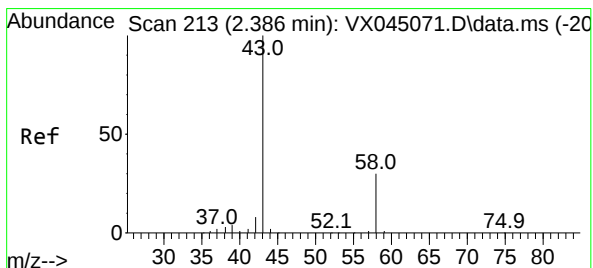
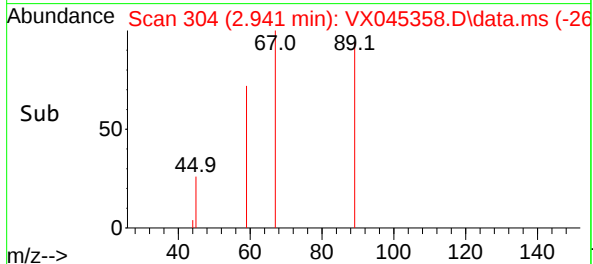
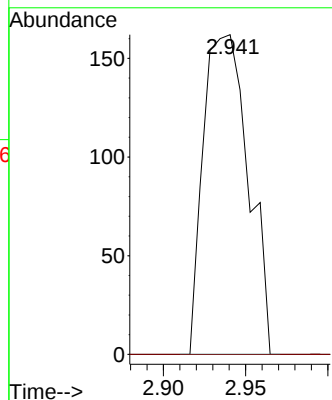
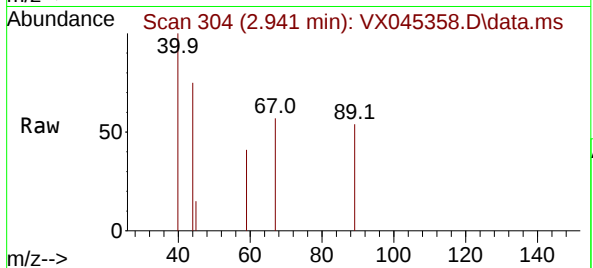
Storage-Blank-WATER-REF-4

Tgt Ion: 59 Resp: 309

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 1.416 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045358.D

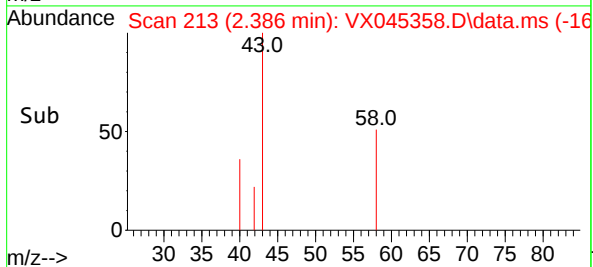
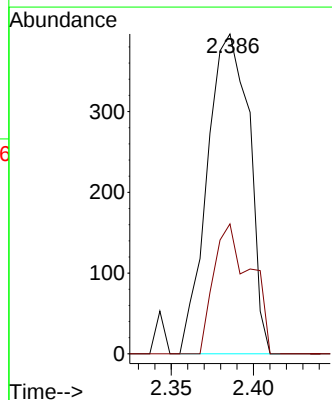
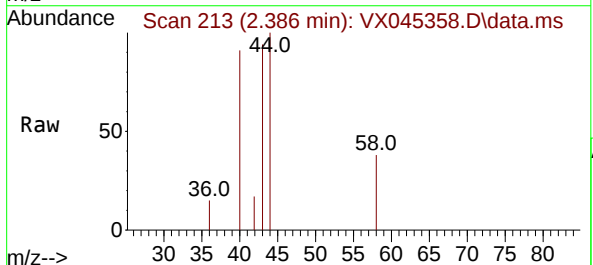
Acq: 20 Mar 2025 14:03

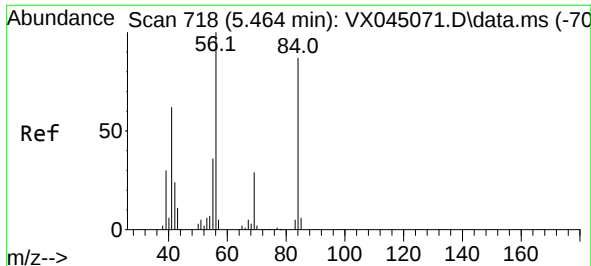
Tgt Ion: 43 Resp: 700

Ion Ratio Lower Upper

43 100

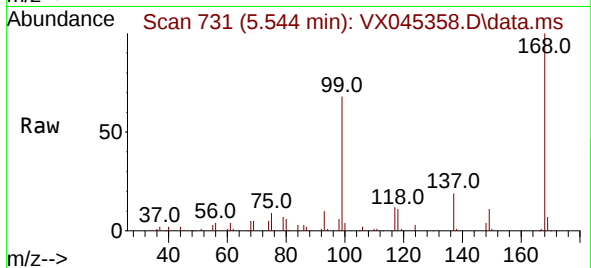
58 40.7 24.2 36.4#



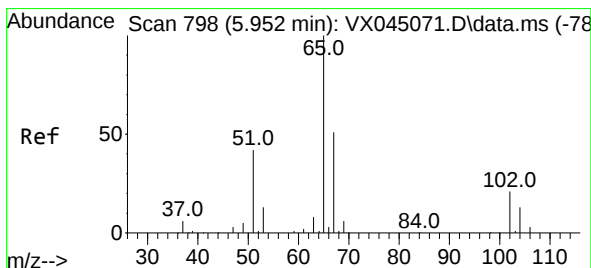
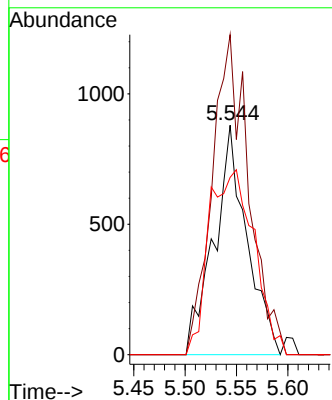
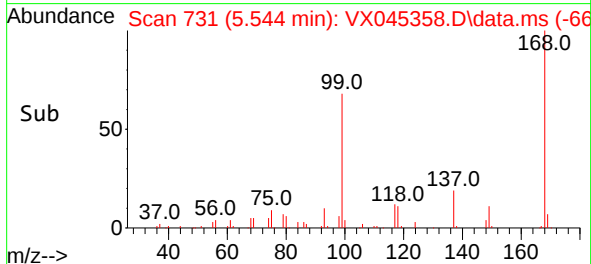


#31
Cyclohexane
Concen: 1.345 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

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

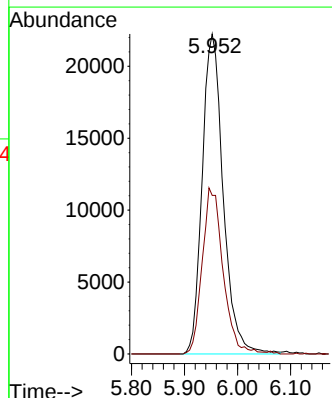
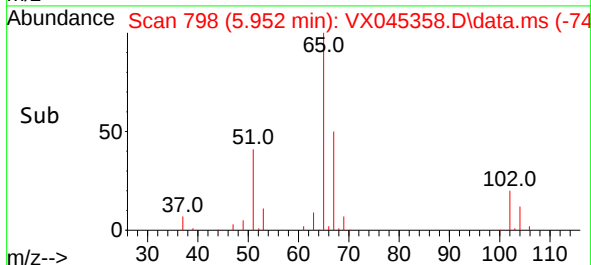
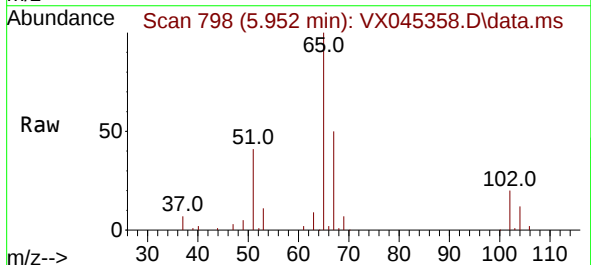


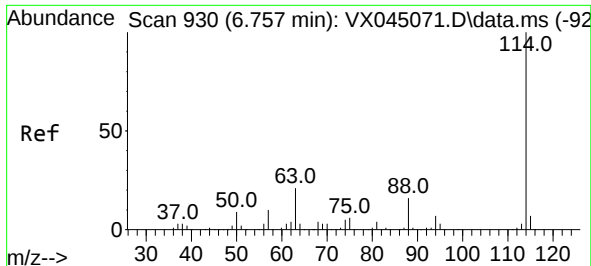
Tgt Ion: 56 Resp: 1951
Ion Ratio Lower Upper
56 100
69 139.4 23.4 35.2#
84 77.3 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 57.319 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

Tgt Ion: 65 Resp: 61092
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.2

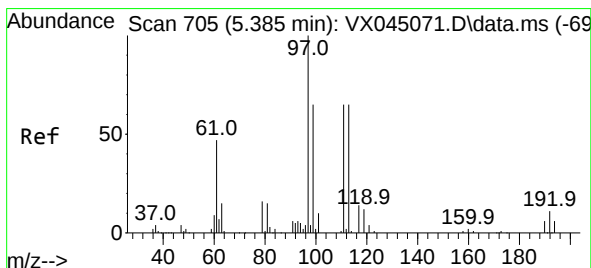
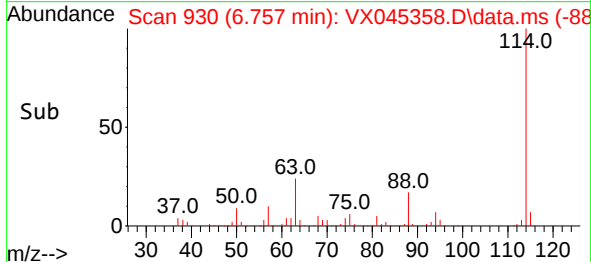
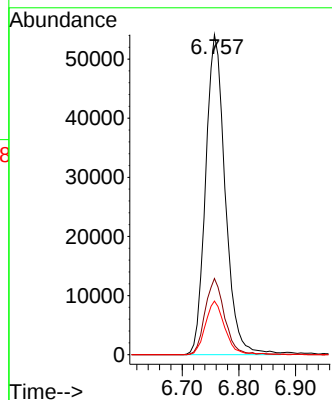
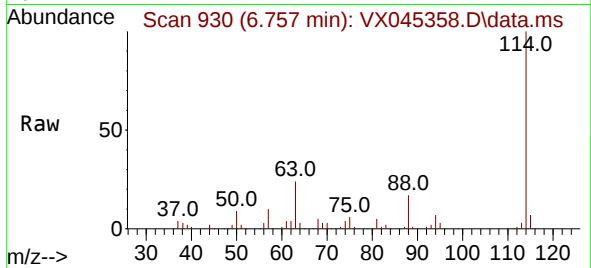




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

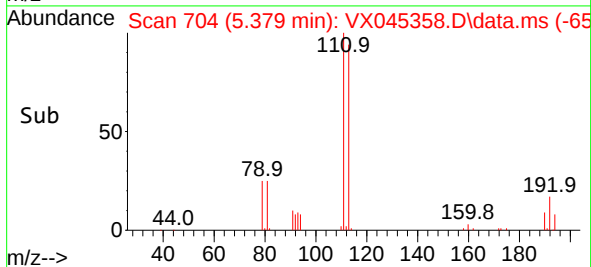
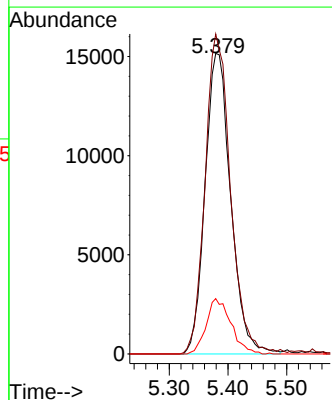
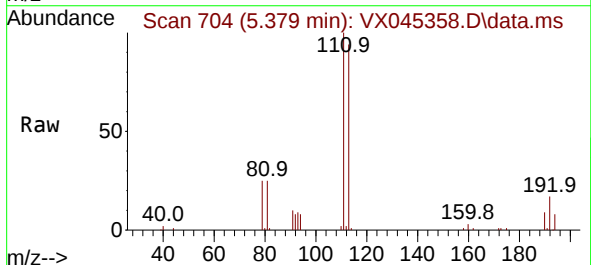
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

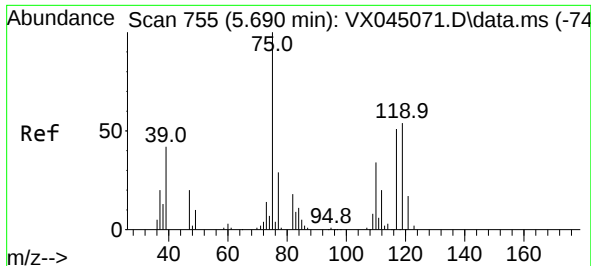
Tgt Ion:114 Resp: 129802
Ion Ratio Lower Upper
114 100
63 23.8 0.0 41.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.018 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

Tgt Ion:113 Resp: 46017
Ion Ratio Lower Upper
113 100
111 105.7 81.8 122.6
192 17.7 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.287 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045358.D

Acq: 20 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

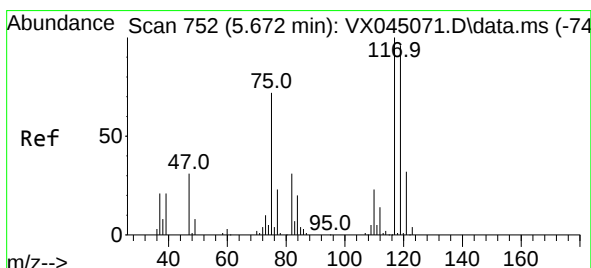
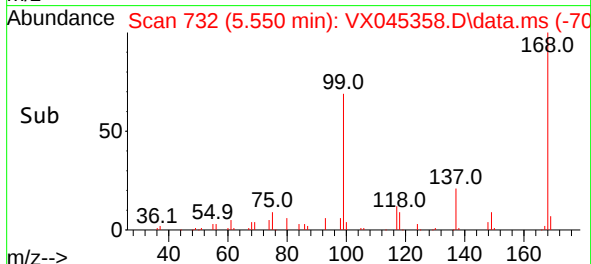
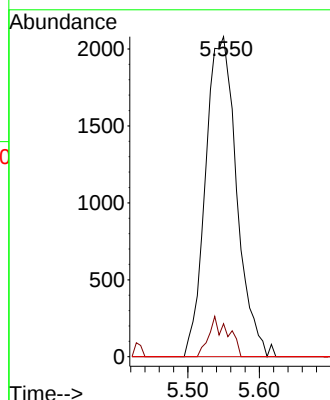
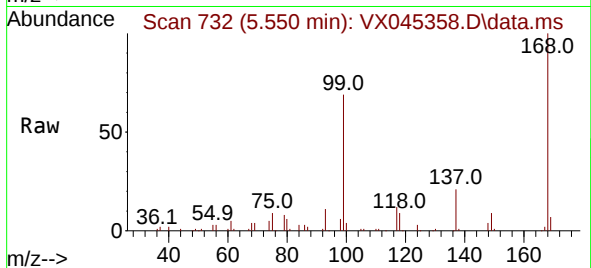
Tgt Ion: 75 Resp: 6293

Ion Ratio Lower Upper

75 100

110 7.8 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.187 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045358.D

Acq: 20 Mar 2025 14:03

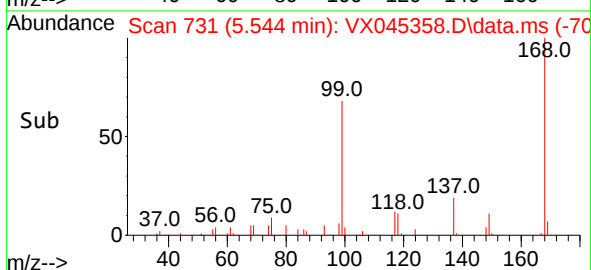
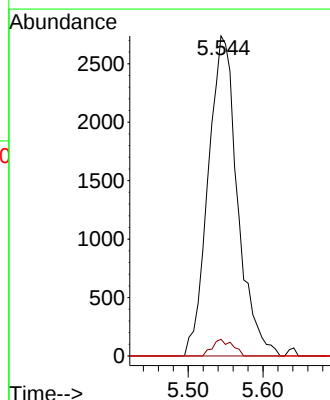
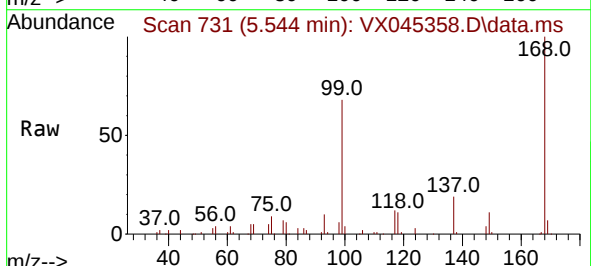
Tgt Ion: 117 Resp: 7477

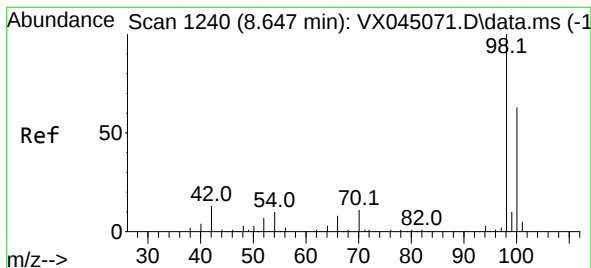
Ion Ratio Lower Upper

117 100

119 5.2 76.7 115.1#

121 0.0 25.5 38.3#





#50

Toluene-d8

Concen: 52.155 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045358.D

Acq: 20 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

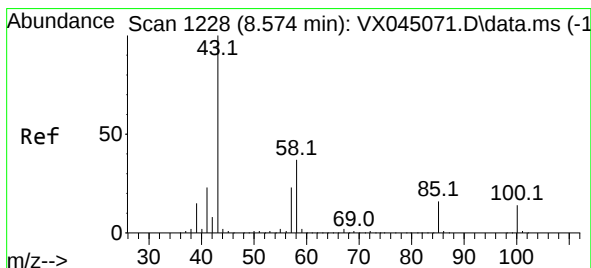
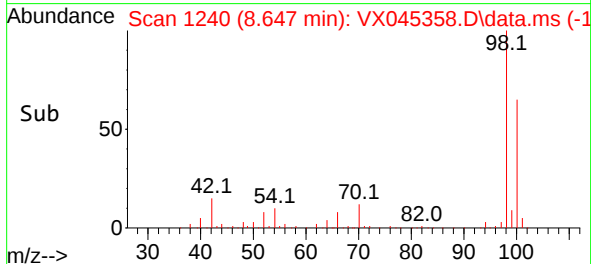
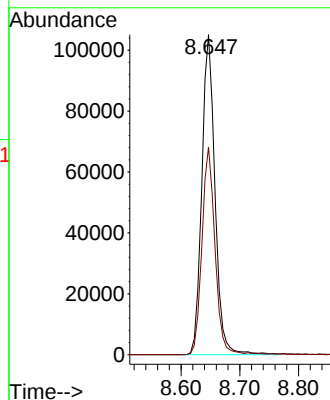
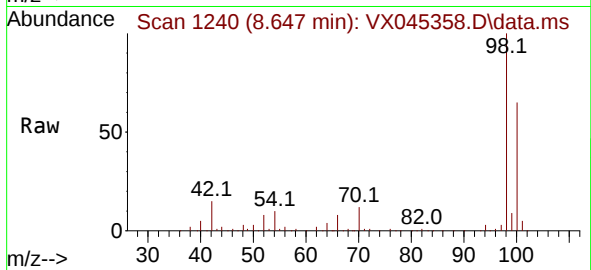
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 164112

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.659 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX045358.D

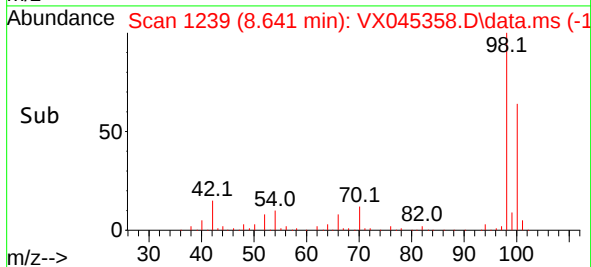
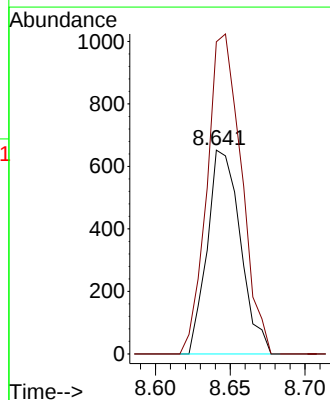
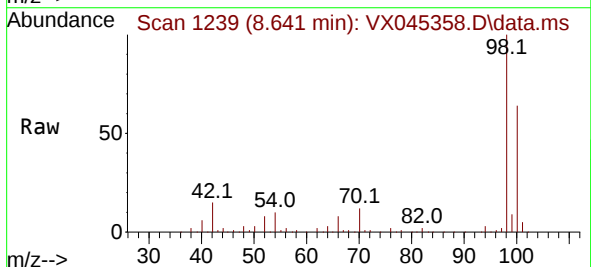
Acq: 20 Mar 2025 14:03

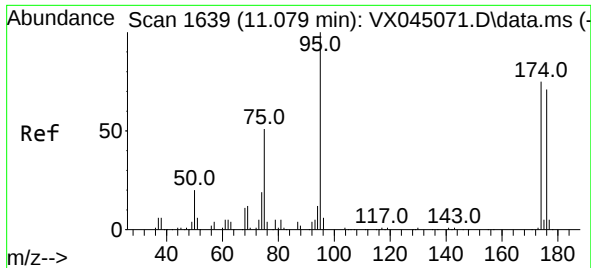
Tgt Ion: 43 Resp: 1004

Ion Ratio Lower Upper

43 100

58 163.0 29.2 43.8#

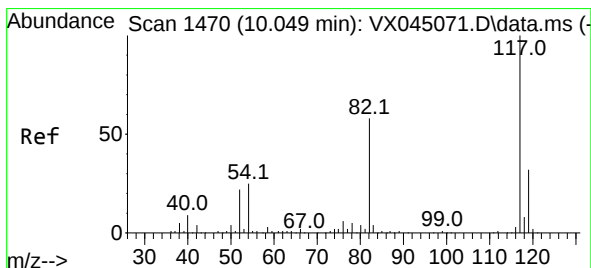
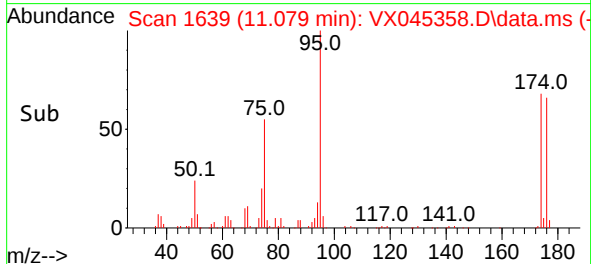
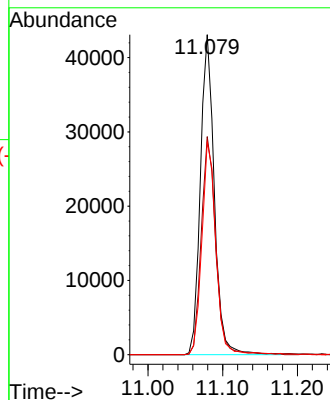
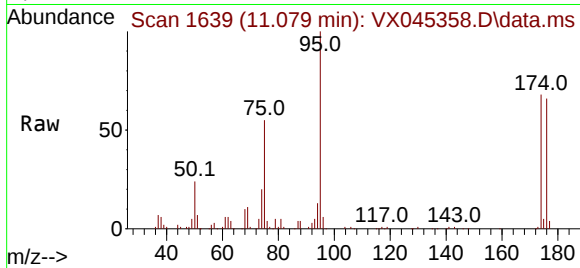




#62
4-Bromofluorobenzene
Concen: 53.391 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

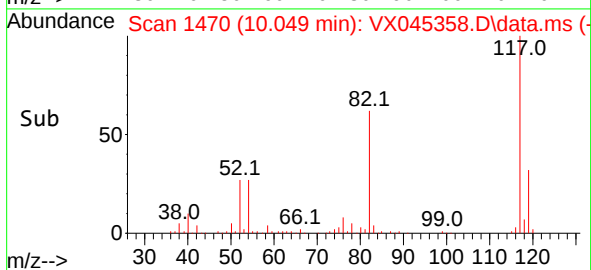
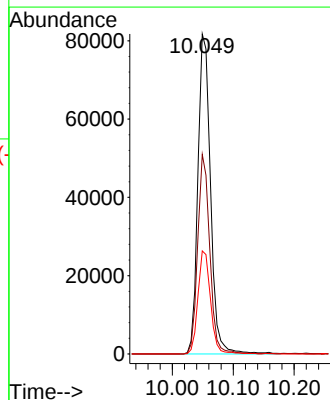
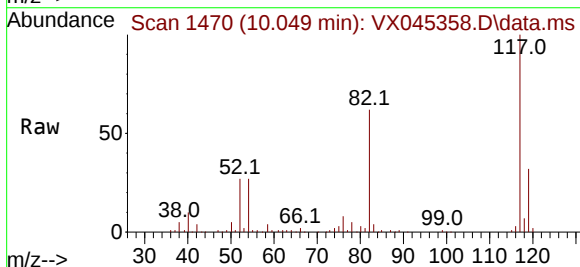
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

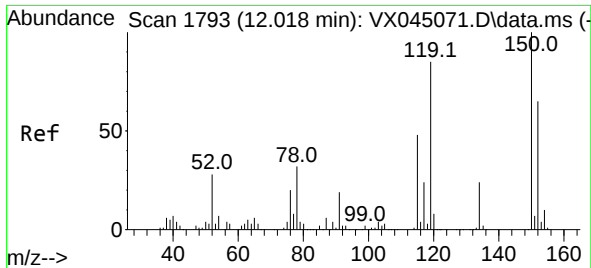
Tgt Ion: 95 Resp: 55671
Ion Ratio Lower Upper
95 100
174 70.0 0.0 148.2
176 67.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

Tgt Ion: 117 Resp: 117724
Ion Ratio Lower Upper
117 100
82 62.4 46.3 69.5
119 32.2 25.7 38.5

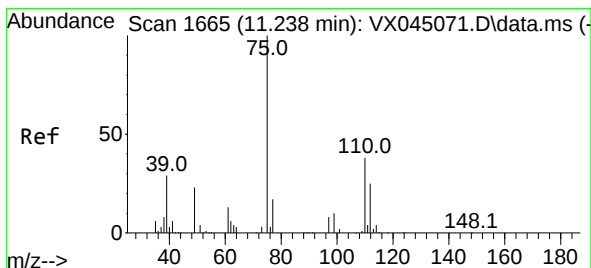
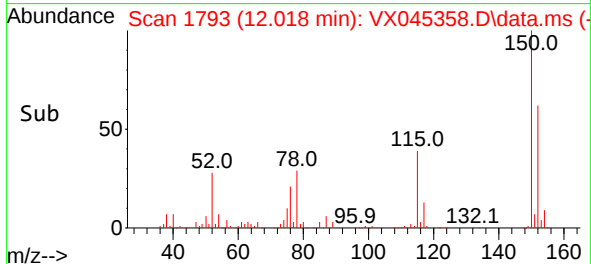
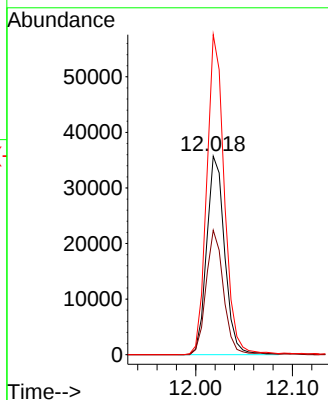
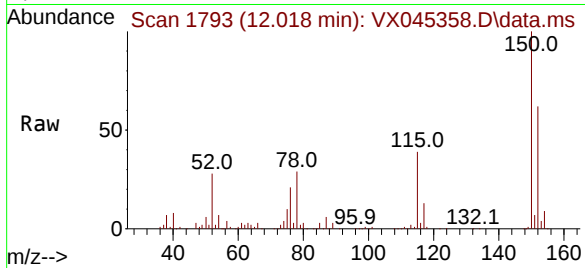




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

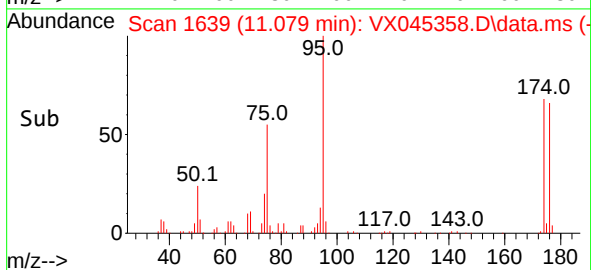
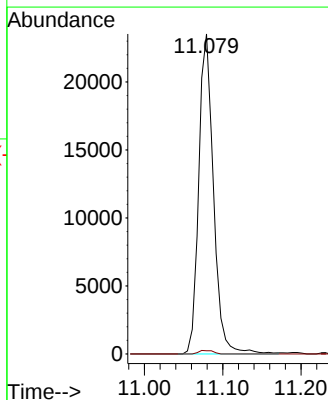
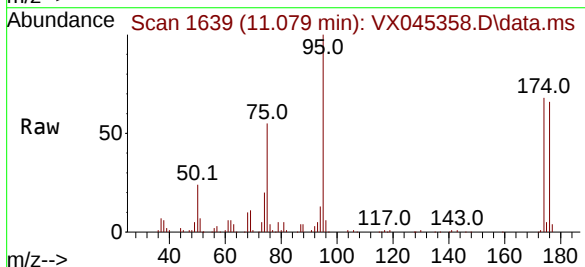
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

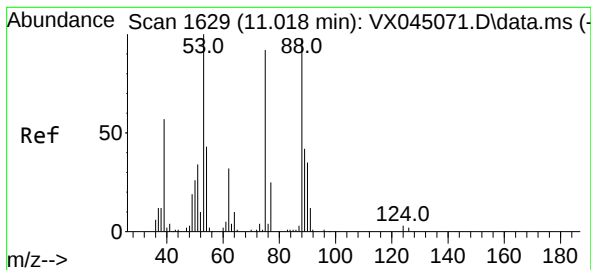
Tgt Ion:152 Resp: 46278
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 158.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.589 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

Tgt Ion: 75 Resp: 30794
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.837 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045358.D
 Acq: 20 Mar 2025 14:03

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

Tgt Ion: 75 Resp: 30794
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

