

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035638.D
 Acq On : 12 May 2023 15:18
 Operator : JC/MD
 Sample : 02777-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 15 01:57:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

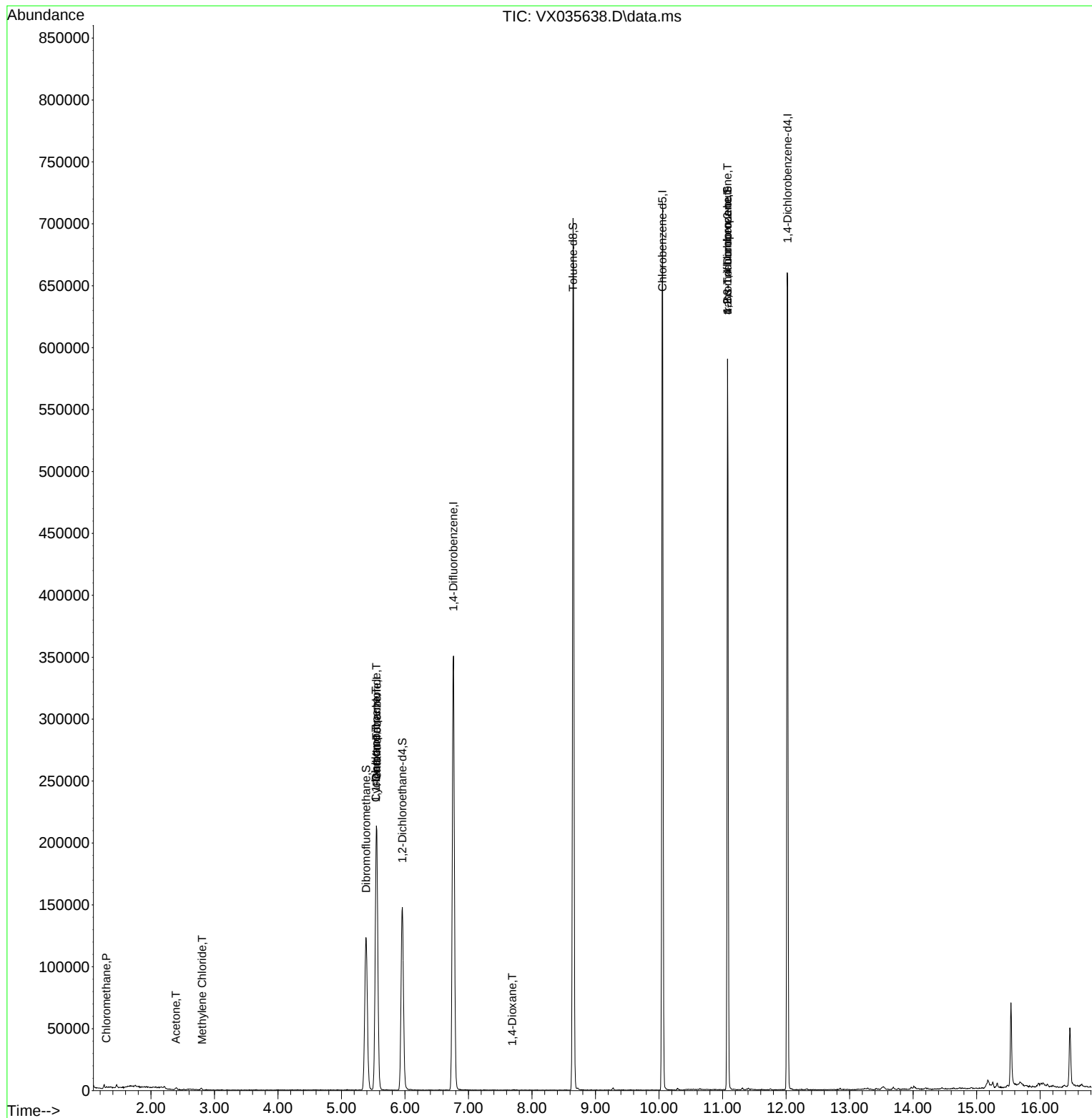
Internal Standards						
1) Pentafluorobenzene	5.556	168	183113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152285	47.671	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.340%		
35) Dibromofluoromethane	5.385	113	107832	48.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	8.647	98	397181	48.094	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.180%		
62) 4-Bromofluorobenzene	11.079	95	156435	47.045	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.100%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1063	0.367	ug/l	95
16) Acetone	2.392	43	2005	1.460	ug/l	91
20) Methylene Chloride	2.806	84	693	0.279	ug/l #	54
31) Cyclohexane	5.544	56	4967	1.231	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	17379	4.925	ug/l #	50
38) Carbon Tetrachloride	5.550	117	20796	6.221	ug/l #	16
49) 1,4-Dioxane	7.689	88	70	2.997	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86057	27.684	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	86057	89.222	ug/l #	8

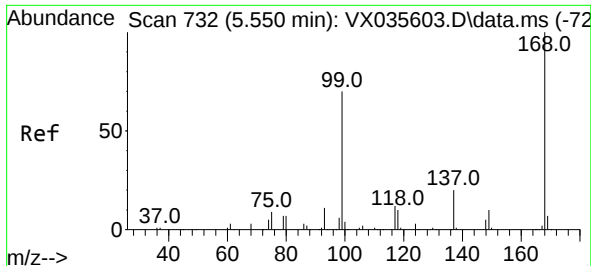
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
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Quant Time: May 15 01:57:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

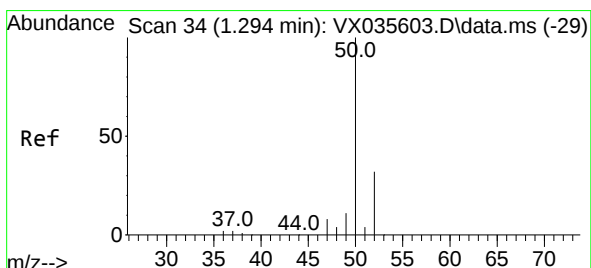
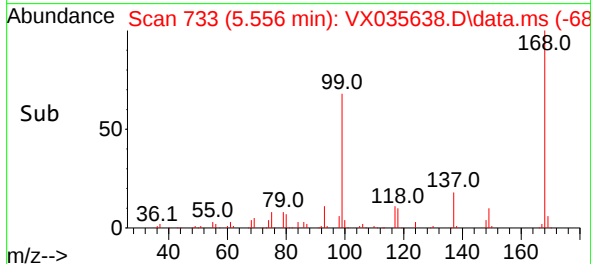
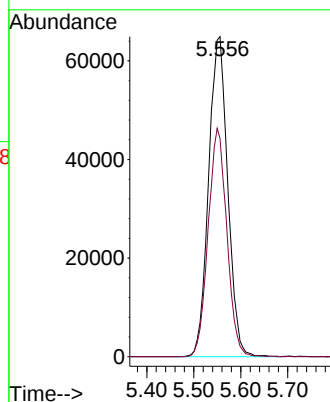
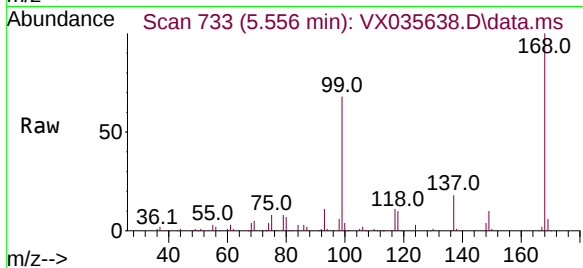




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

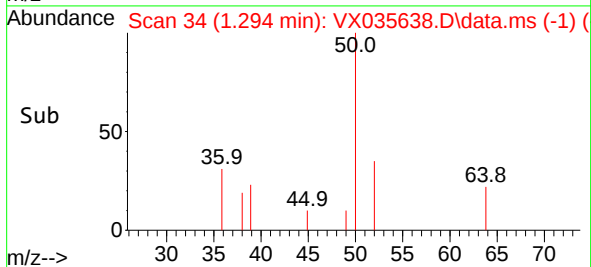
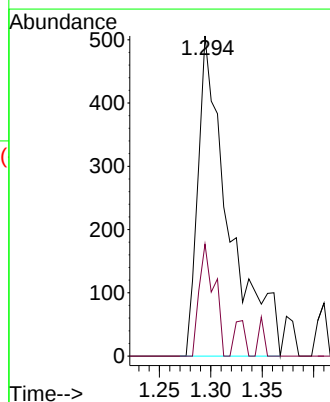
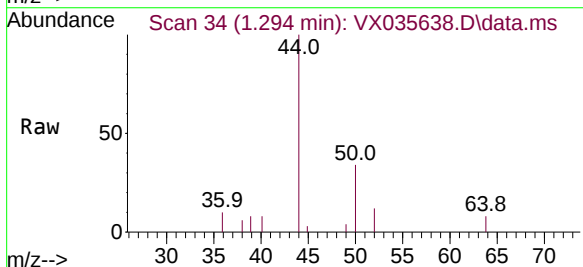
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

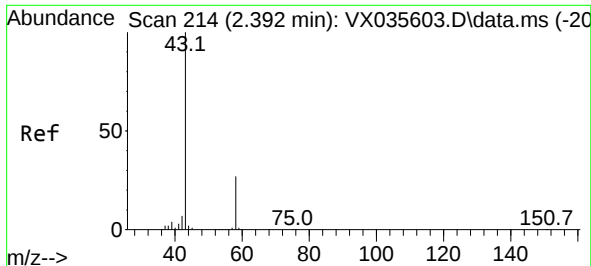
Tgt Ion:168 Resp: 183113
Ion Ratio Lower Upper
168 100
99 68.2 45.7 68.5



#3
Chloromethane
Concen: 0.367 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

Tgt Ion: 50 Resp: 1063
Ion Ratio Lower Upper
50 100
52 35.0 25.9 38.9

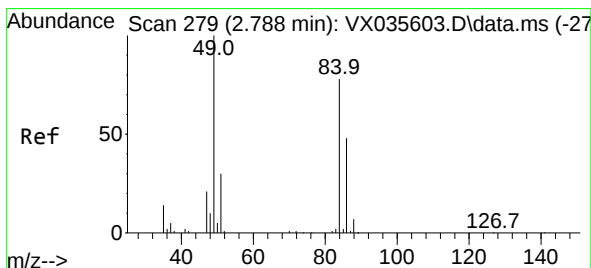
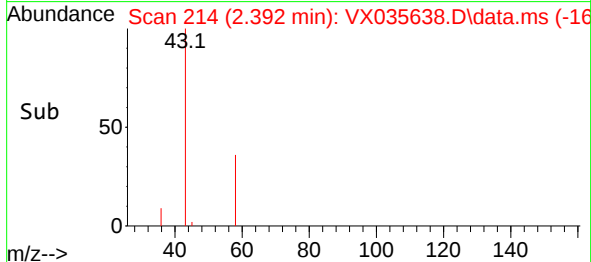
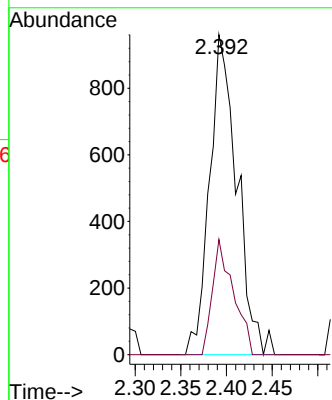
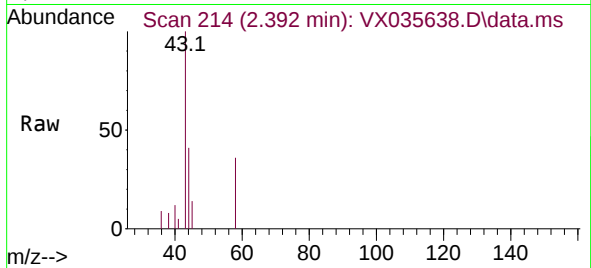




#16
Acetone
Concen: 1.460 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

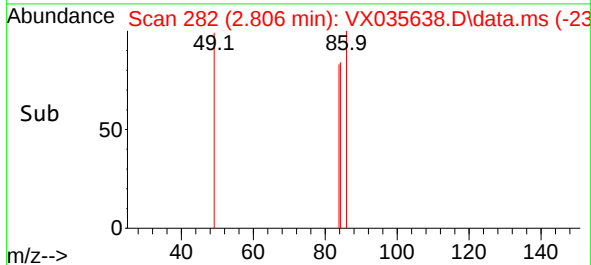
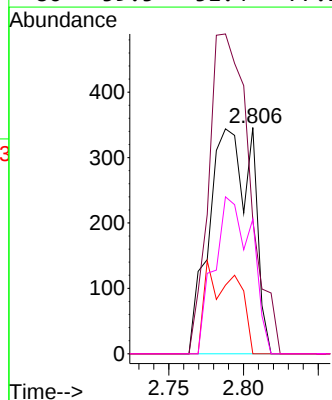
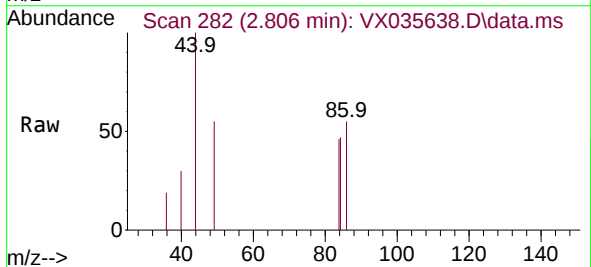
Instrument :
MSVOA_X
ClientSampleId :
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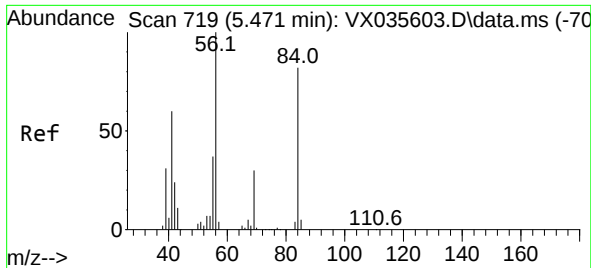
Tgt Ion: 43 Resp: 2005
Ion Ratio Lower Upper
43 100
58 36.0 24.7 37.1



#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.018 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

Tgt Ion: 84 Resp: 693
Ion Ratio Lower Upper
84 100
49 59.0 103.8 155.8#
51 0.0 31.8 47.8#
86 59.5 51.4 77.2

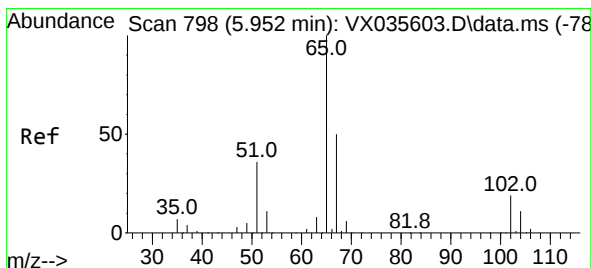
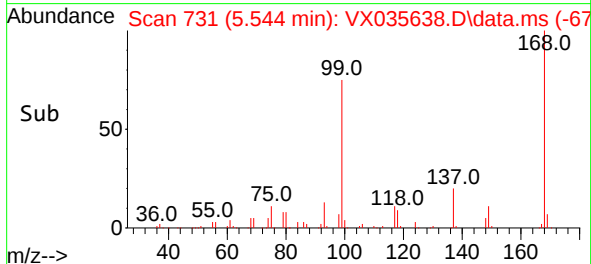
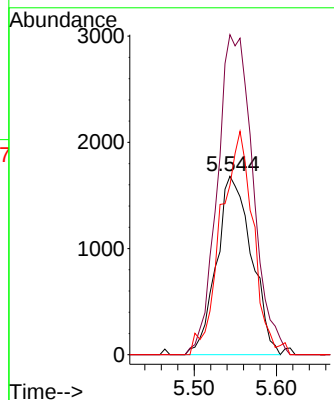
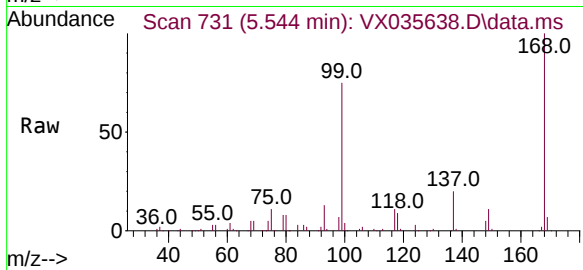




#31
Cyclohexane
Concen: 1.231 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

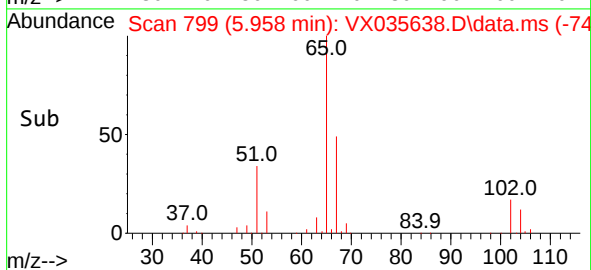
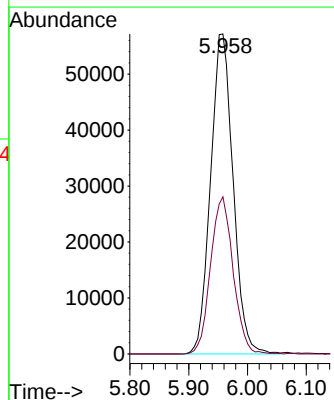
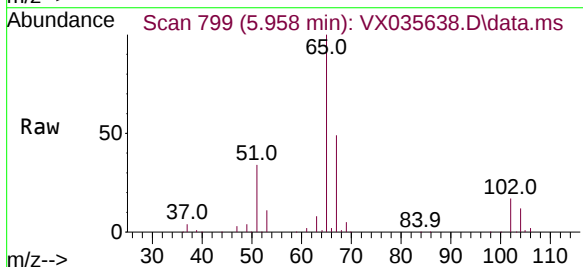
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

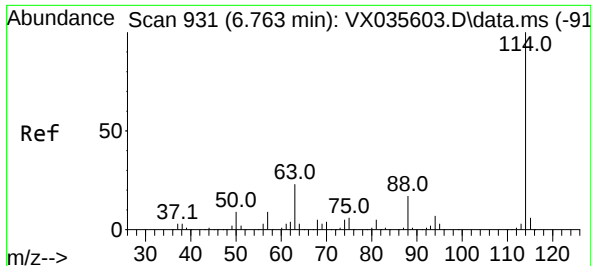
Tgt Ion: 56 Resp: 4967
Ion Ratio Lower Upper
56 100
69 179.3 23.7 35.5#
84 94.9 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 47.671 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

Tgt Ion: 65 Resp: 152285
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.0

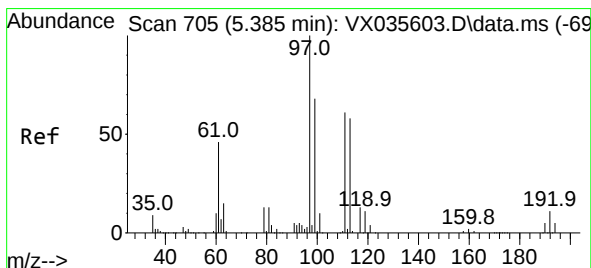
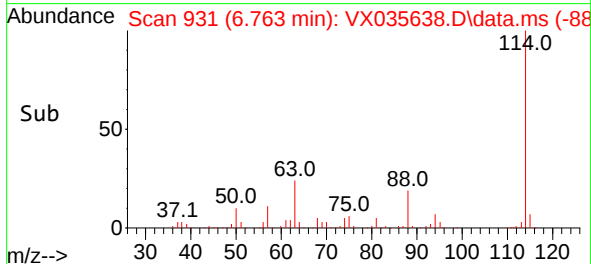
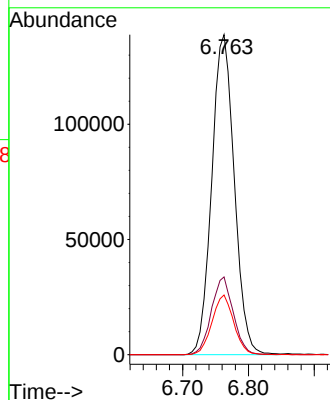
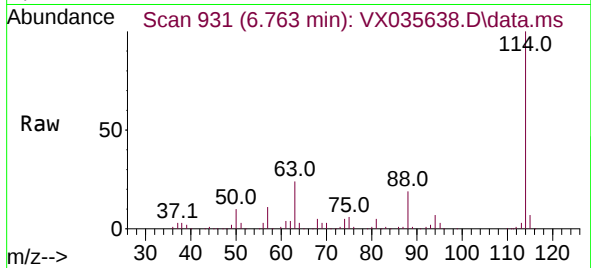




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

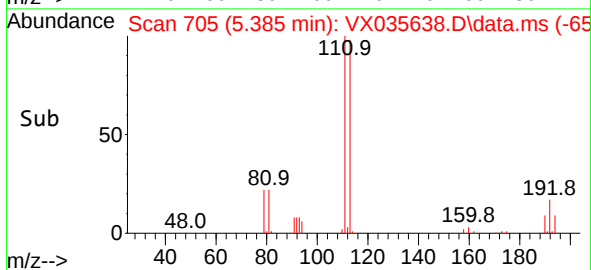
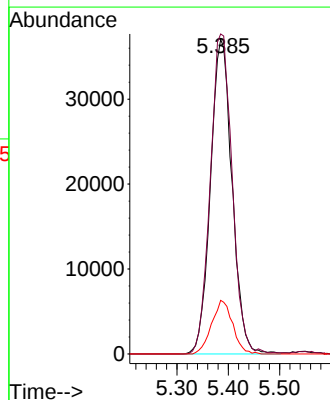
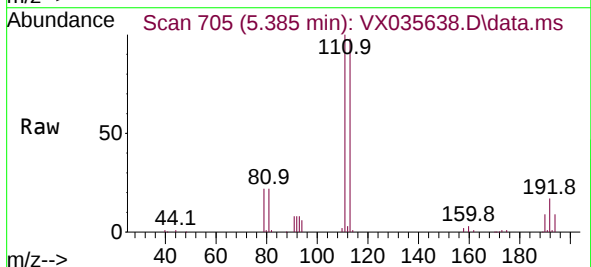
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

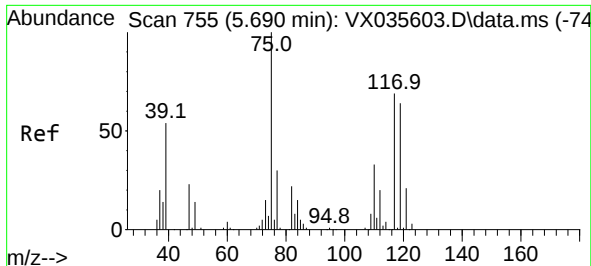
Tgt Ion:114 Resp: 331480
Ion Ratio Lower Upper
114 100
63 24.3 0.0 42.2
88 18.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.236 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

Tgt Ion:113 Resp: 107832
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 16.6 15.4 23.2

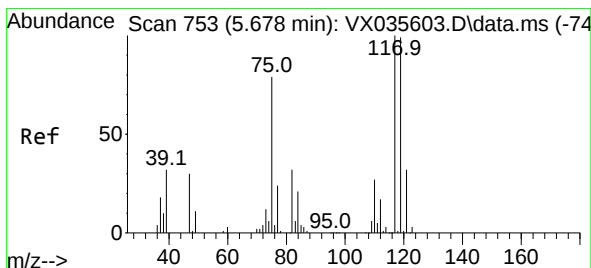
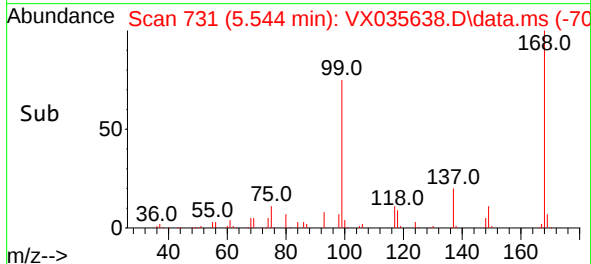
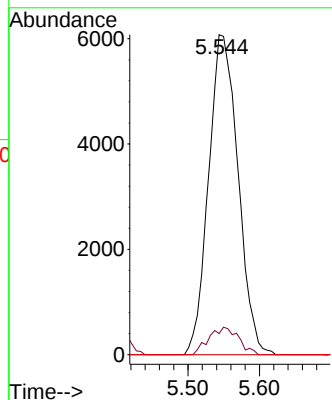
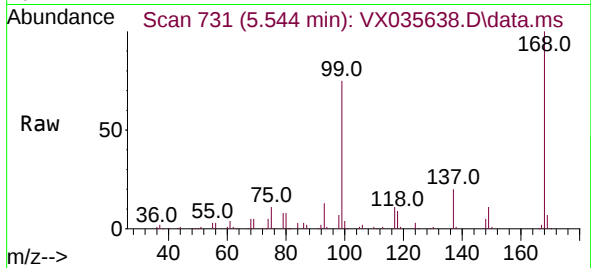




#36
1,1-Dichloropropene
Concen: 4.925 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

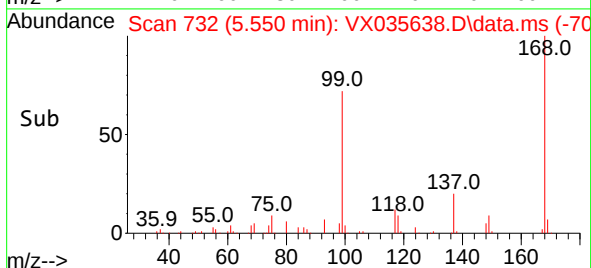
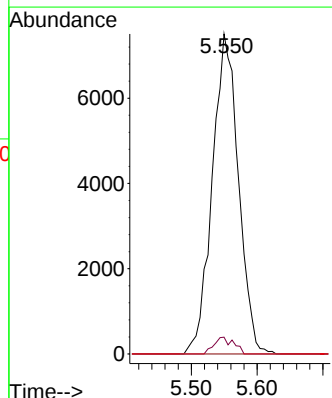
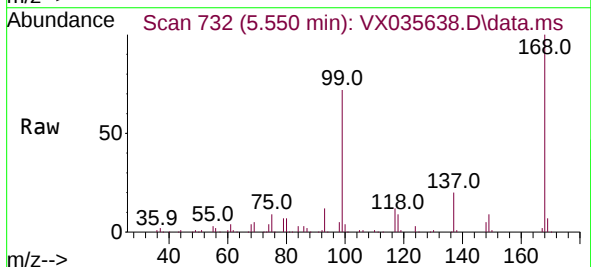
Instrument :
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

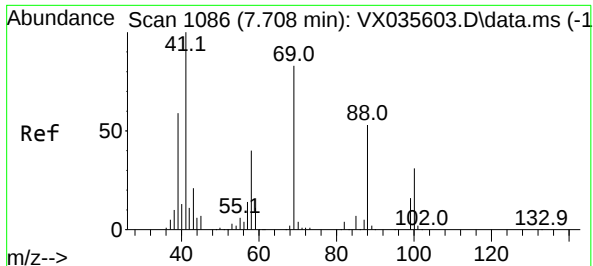
Tgt Ion: 75 Resp: 17379
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.221 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

Tgt Ion: 117 Resp: 20796
Ion Ratio Lower Upper
117 100
119 5.2 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 2.997 ug/l

RT: 7.689 min Scan# 1086

Delta R.T. -0.019 min

Lab File: VX035638.D

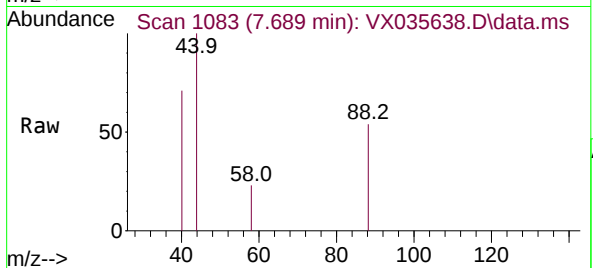
Acq: 12 May 2023 15:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



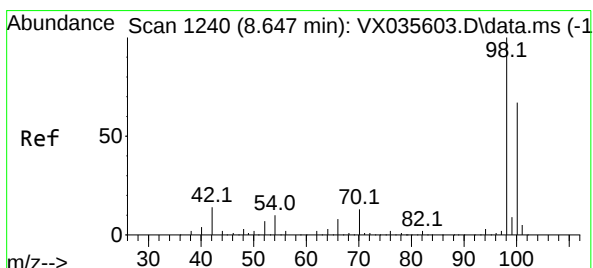
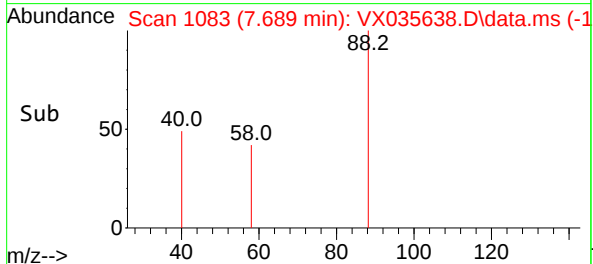
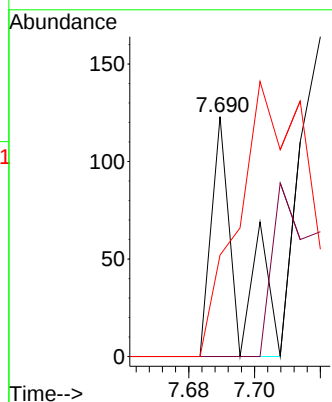
Tgt Ion: 88 Resp: 70

Ion Ratio Lower Upper

88 100

43 138.6 27.7 41.5#

58 288.6 56.8 85.2#



#50

Toluene-d8

Concen: 48.094 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035638.D

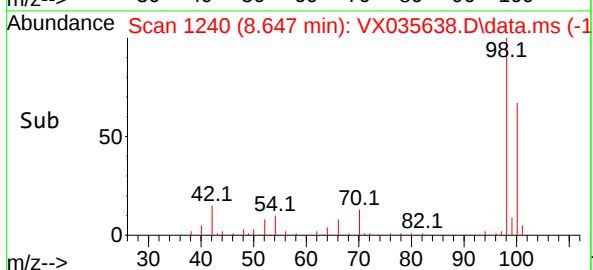
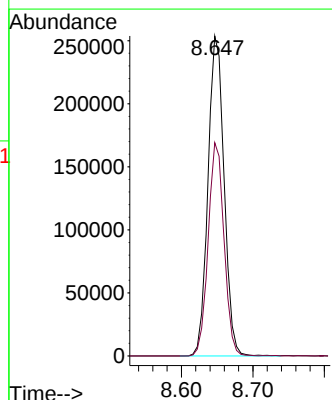
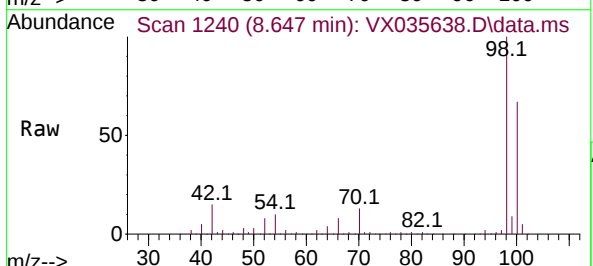
Acq: 12 May 2023 15:18

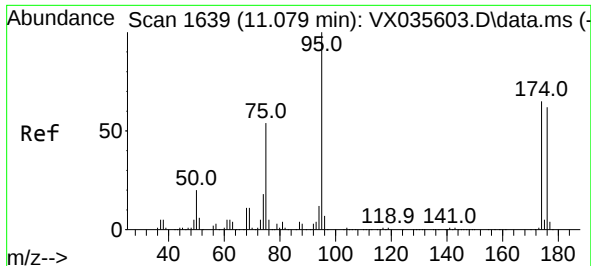
Tgt Ion: 98 Resp: 397181

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 47.045 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035638.D

Acq: 12 May 2023 15:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

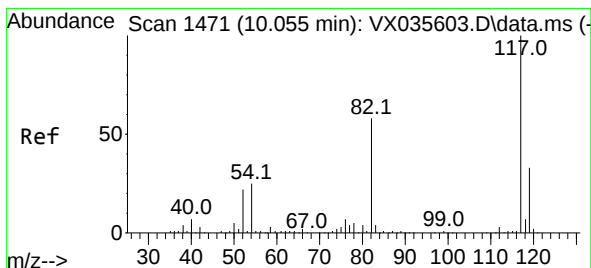
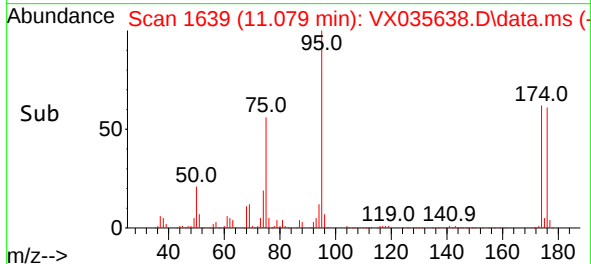
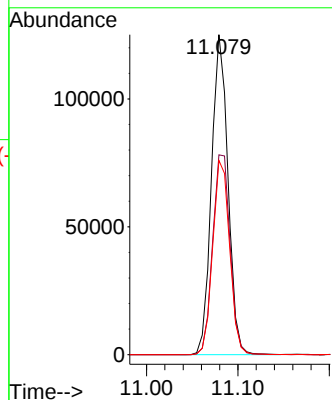
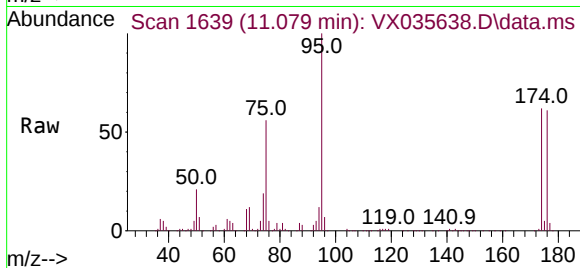
Tgt Ion: 95 Resp: 156435

Ion Ratio Lower Upper

95 100

174 66.3 0.0 147.4

176 62.5 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035638.D

Acq: 12 May 2023 15:18

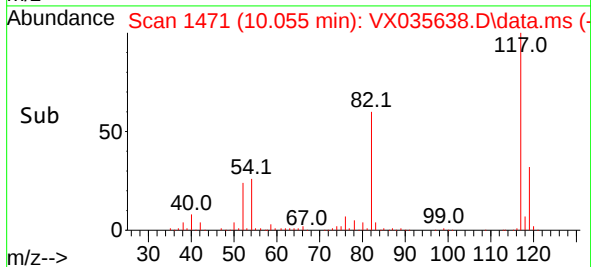
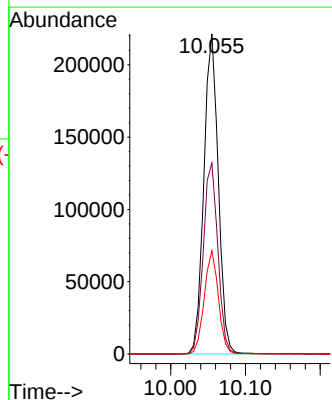
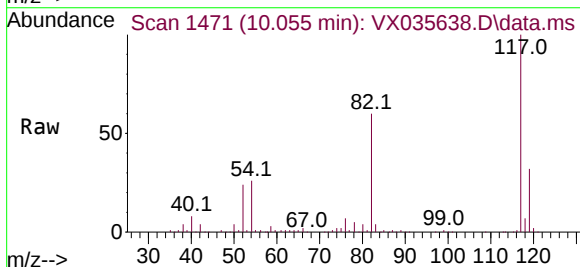
Tgt Ion: 117 Resp: 296817

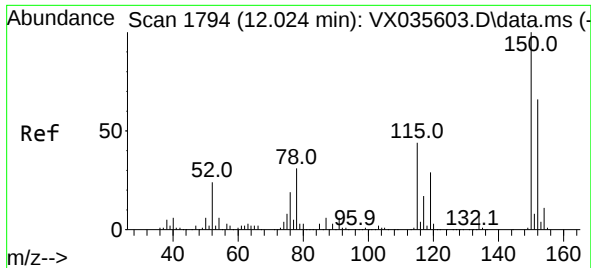
Ion Ratio Lower Upper

117 100

82 59.7 45.0 67.4

119 32.3 26.0 39.0

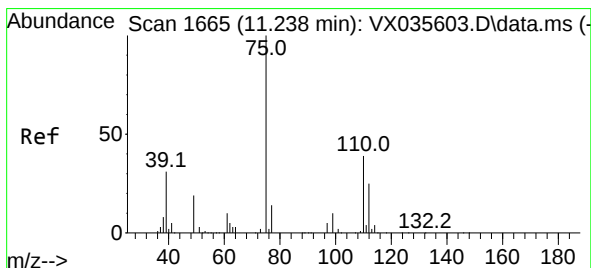
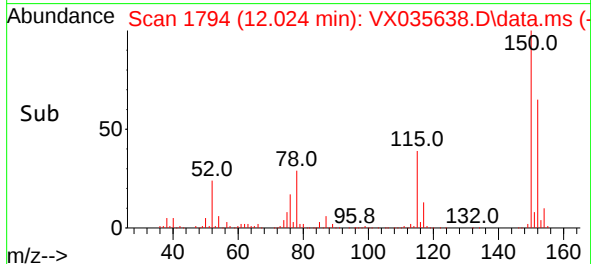
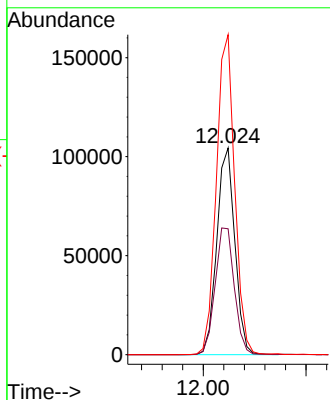
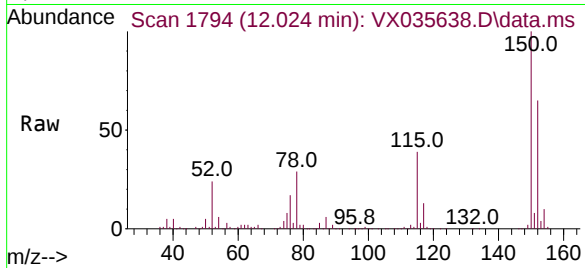




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

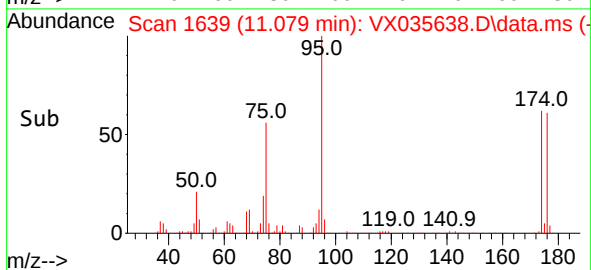
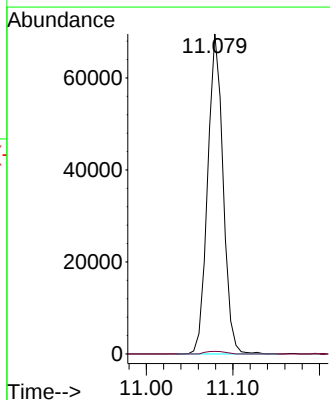
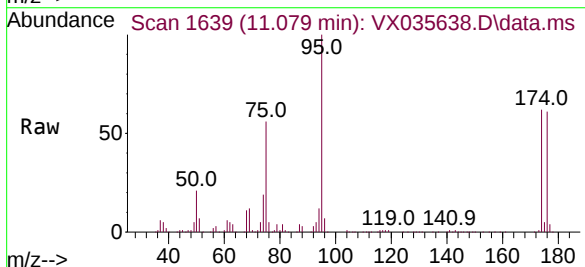
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

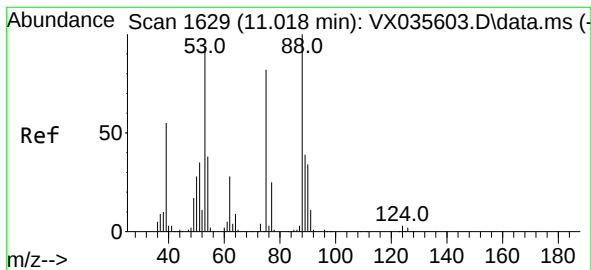
Tgt Ion:152 Resp: 127085
Ion Ratio Lower Upper
152 100
115 65.0 45.0 135.0
150 157.0 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 27.684 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035638.D
Acq: 12 May 2023 15:18

Tgt Ion: 75 Resp: 86057
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.222 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035638.D
 Acq: 12 May 2023 15:18

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

Tgt Ion: 75 Resp: 86057
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

