

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034805.D
 Acq On : 28 Mar 2023 19:55
 Operator : JC/MD
 Sample : 02098-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Mar 29 04:07:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	260410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168671	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	182769	48.244	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.480%
35) Dibromofluoromethane	5.385	113	137135	46.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	8.647	98	533276	48.747	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.079	95	187889	42.521	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.040%

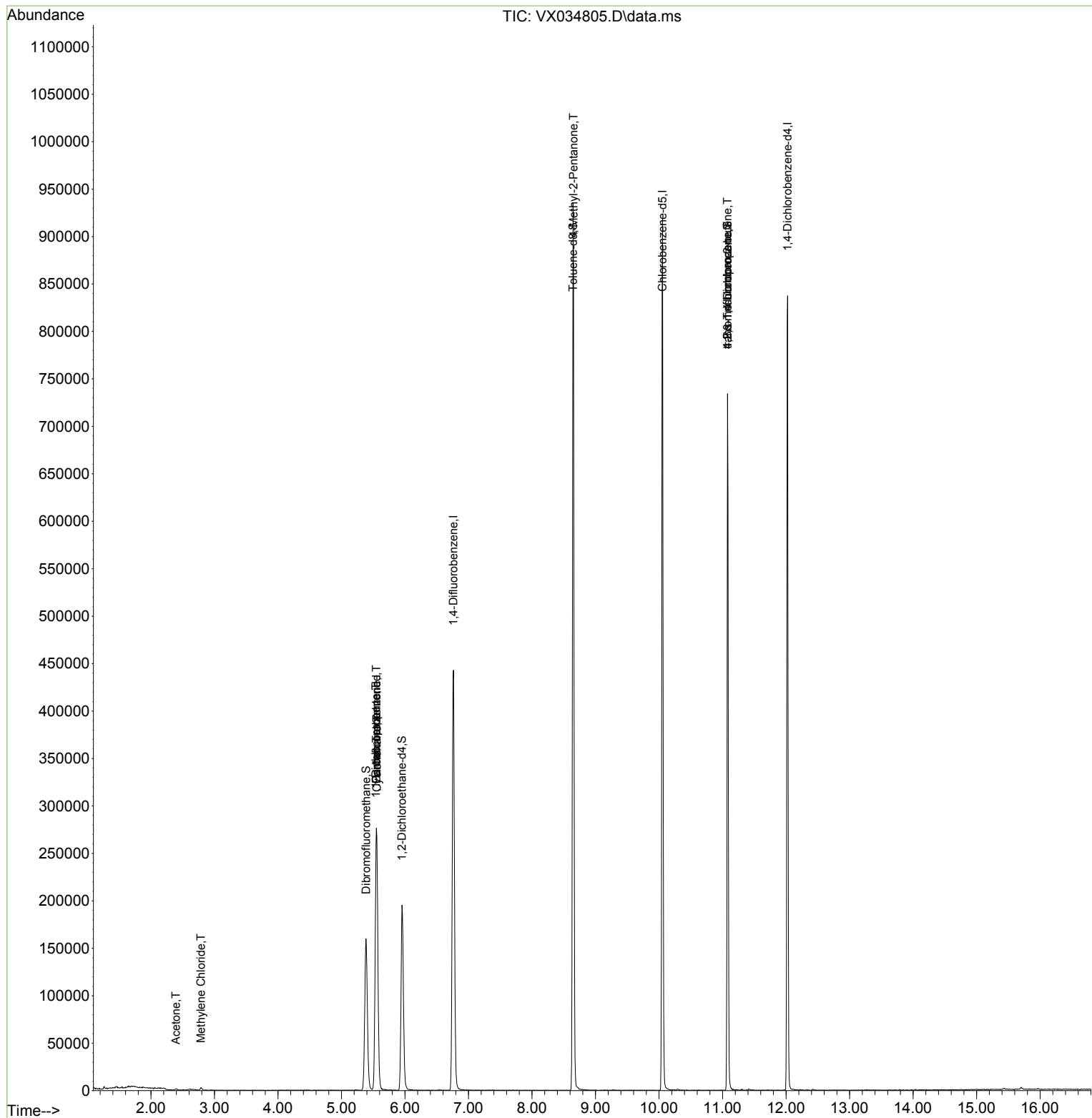
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	433	Below Cal	#	78
16) Acetone	2.392	43	1712	0.959	ug/l #	88
20) Methylene Chloride	2.788	84	1074	0.310	ug/l #	73
31) Cyclohexane	5.556	56	6206	1.168	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	21475	4.771	ug/l #	52
38) Carbon Tetrachloride	5.550	117	26882	6.004	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2491	0.515	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	101028	26.086	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	101028	70.571	ug/l #	8

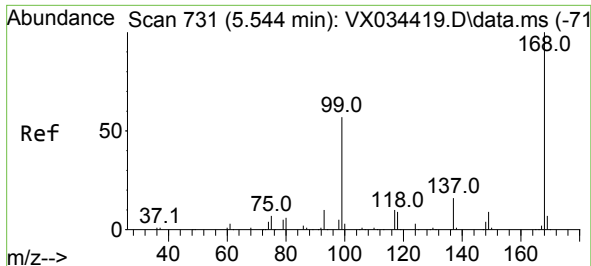
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

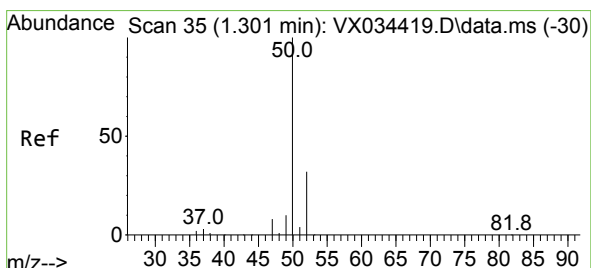
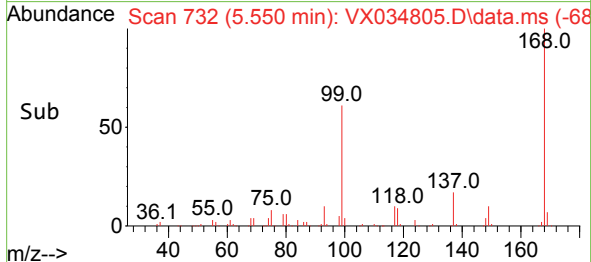
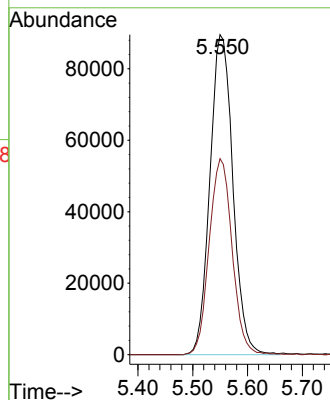
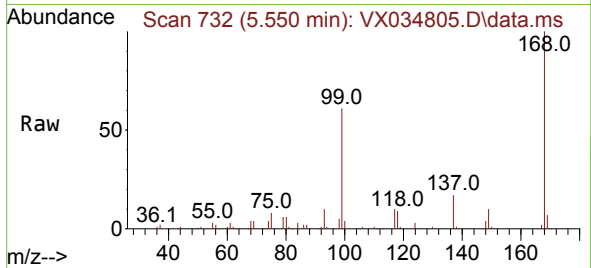




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

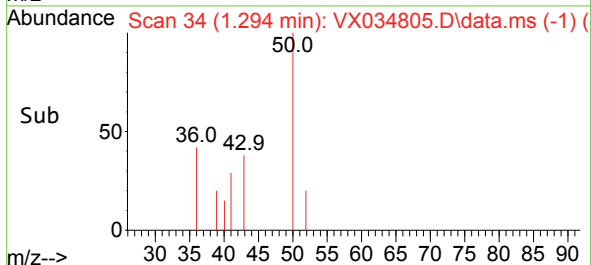
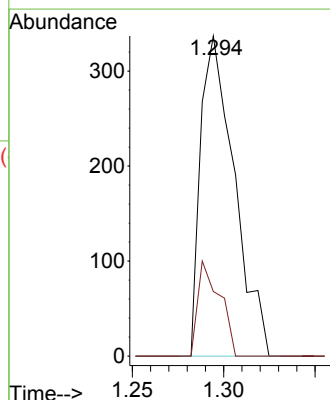
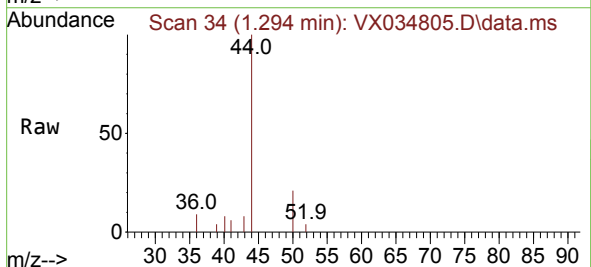
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

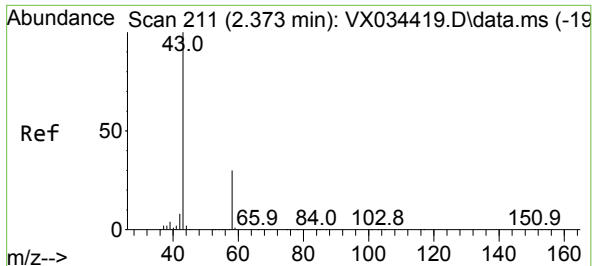
Tgt Ion:168 Resp: 260410
Ion Ratio Lower Upper
168 100
99 61.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

Tgt Ion: 50 Resp: 433
Ion Ratio Lower Upper
50 100
52 20.2 25.9 38.9#

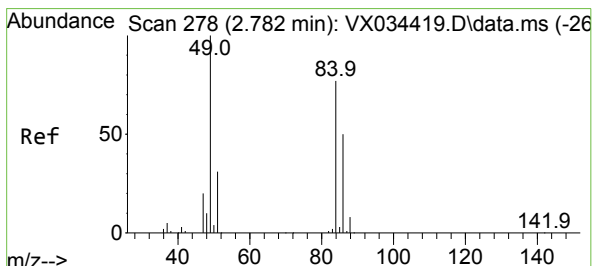
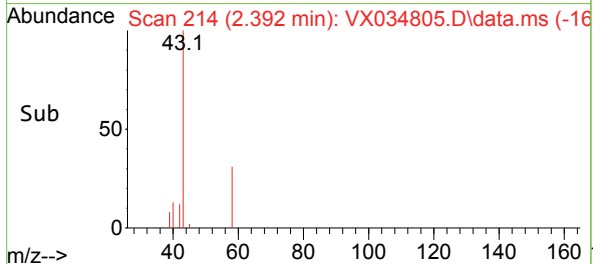
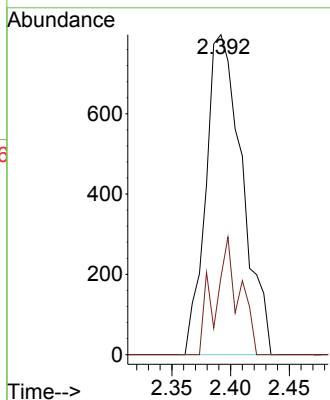
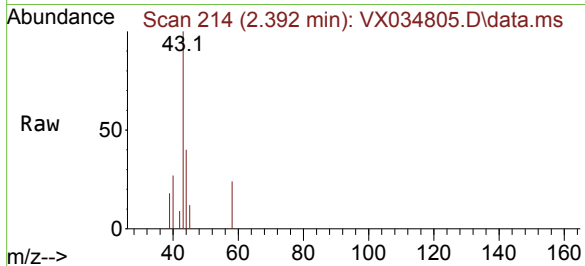




#16
Acetone
Concen: 0.959 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

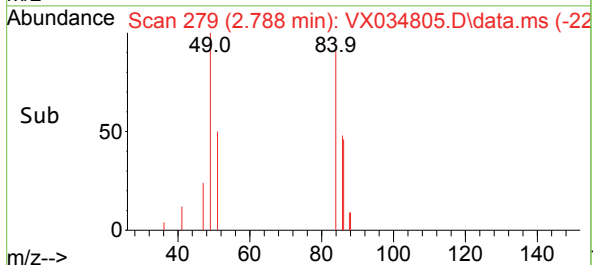
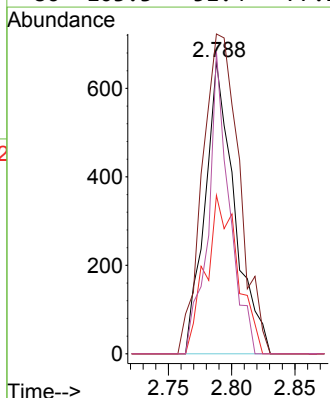
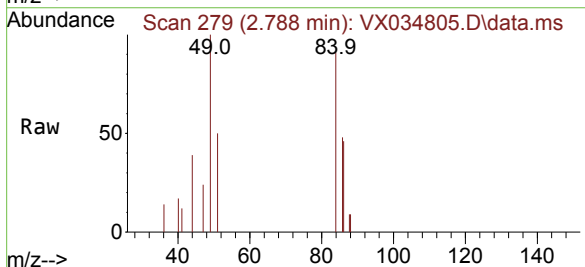
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

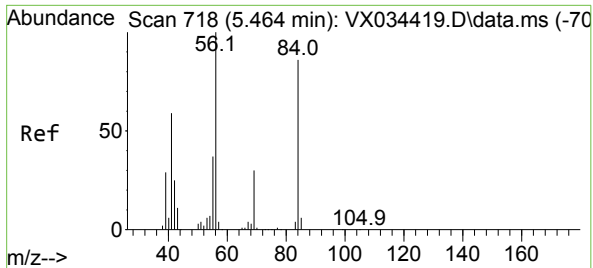
Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
58 24.2 24.7 37.1#



#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

Tgt Ion: 84 Resp: 1074
Ion Ratio Lower Upper
84 100
49 109.4 103.8 155.8
51 54.2 31.8 47.8#
86 103.3 51.4 77.2#

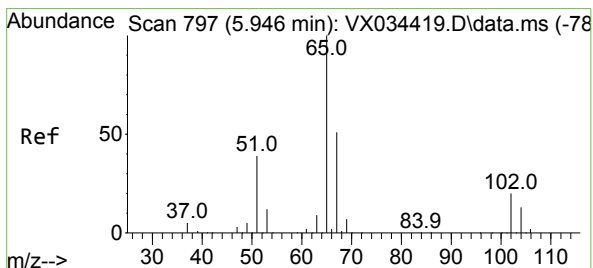
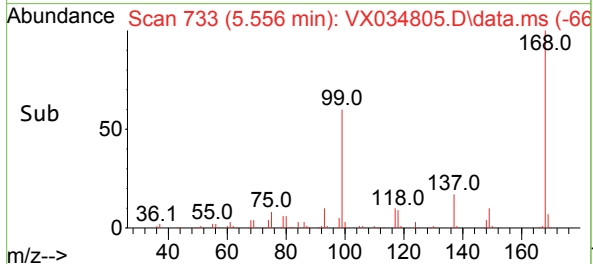
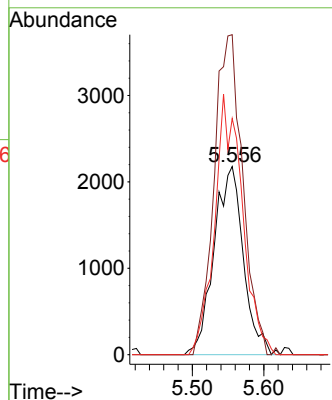
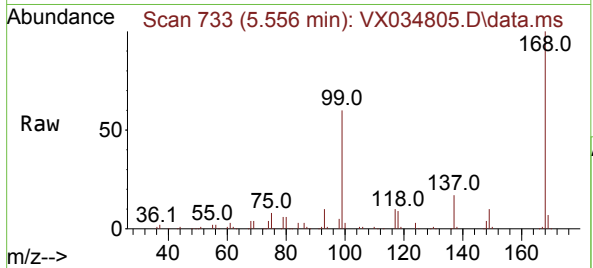




#31
Cyclohexane
Concen: 1.168 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

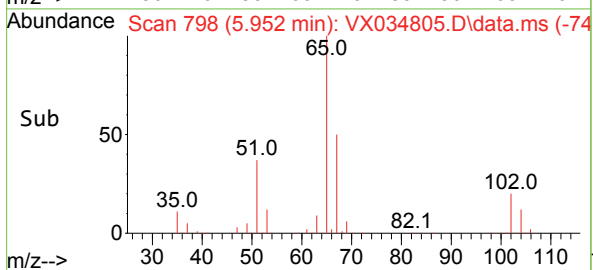
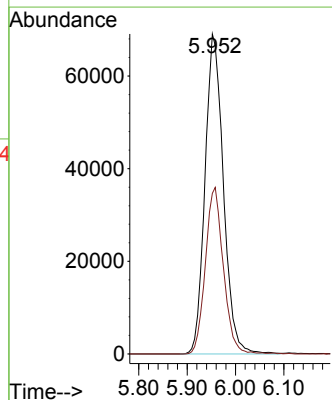
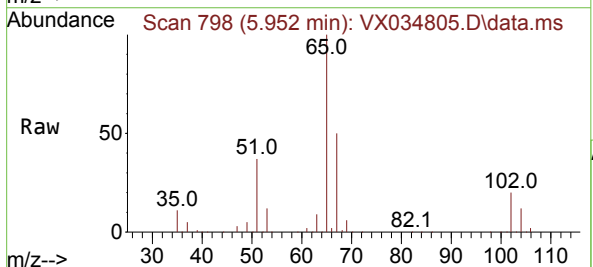
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

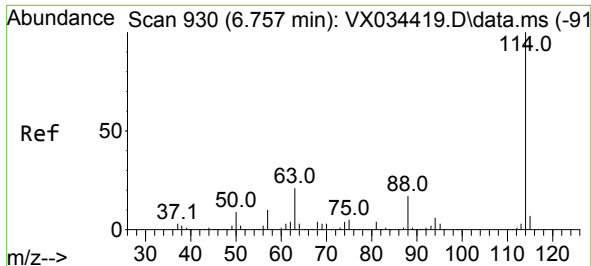
Tgt Ion: 56 Resp: 6206
Ion Ratio Lower Upper
56 100
69 170.1 23.7 35.5#
84 125.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.244 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

Tgt Ion: 65 Resp: 182769
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

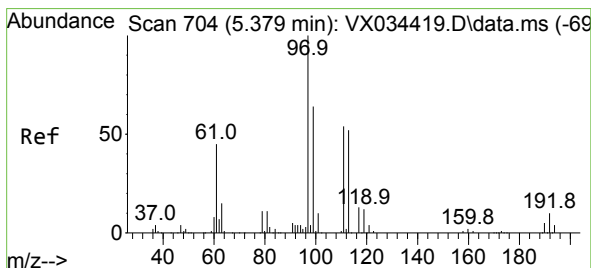
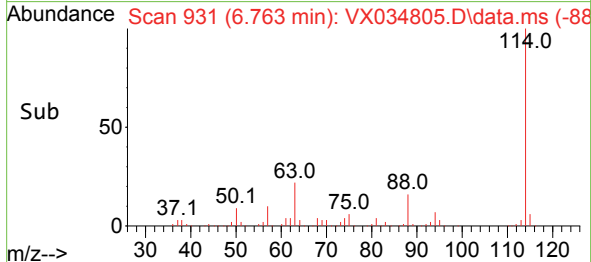
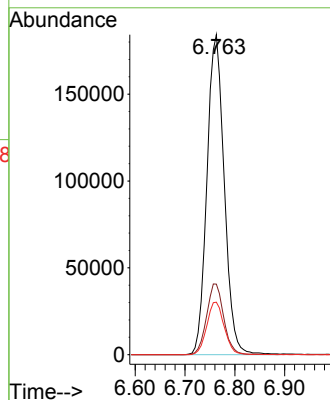
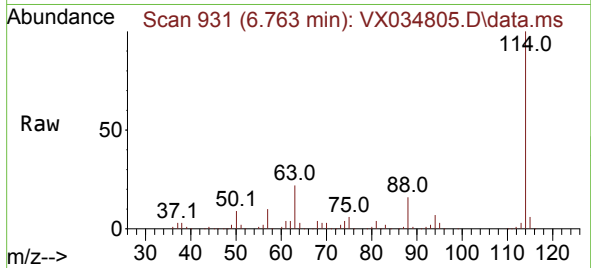




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

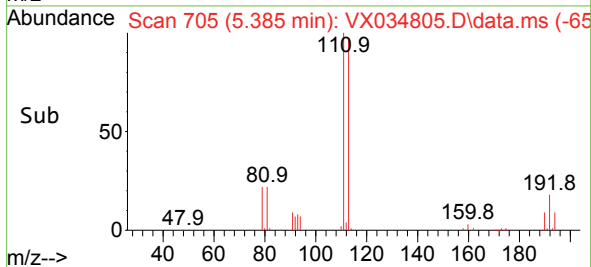
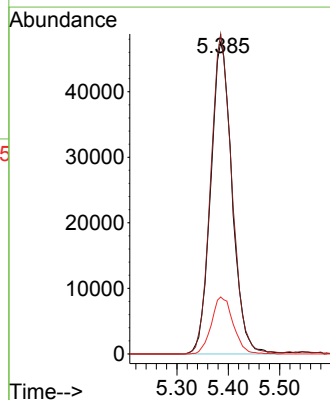
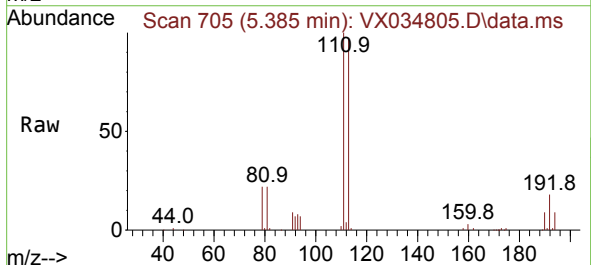
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

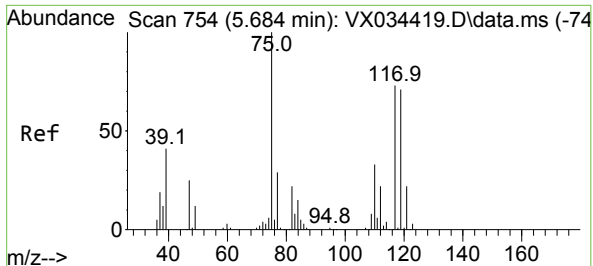
Tgt Ion:114 Resp: 443843
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.796 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

Tgt Ion:113 Resp: 137135
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 18.6 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.771 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX034805.D

Acq: 28 Mar 2023 19:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

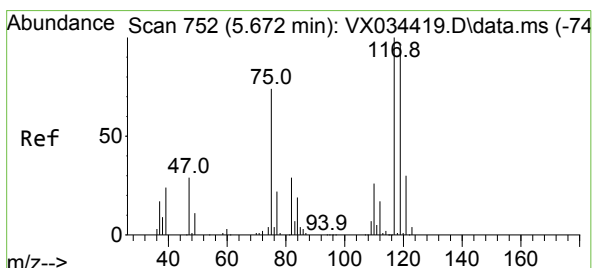
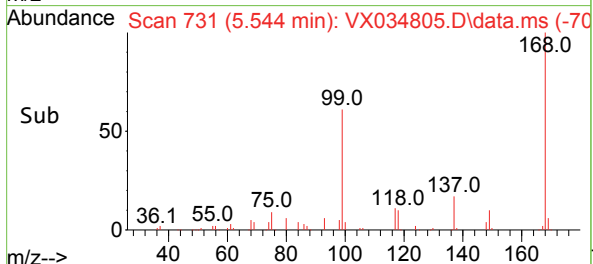
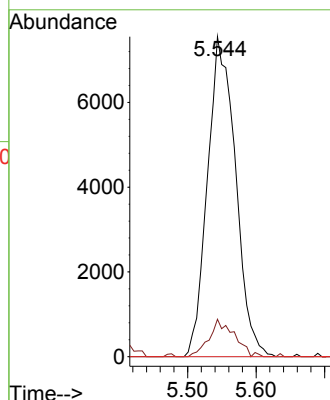
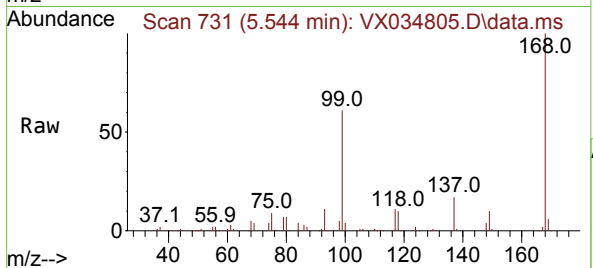
Tgt Ion: 75 Resp: 21475

Ion Ratio Lower Upper

75 100

110 10.5 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.004 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034805.D

Acq: 28 Mar 2023 19:55

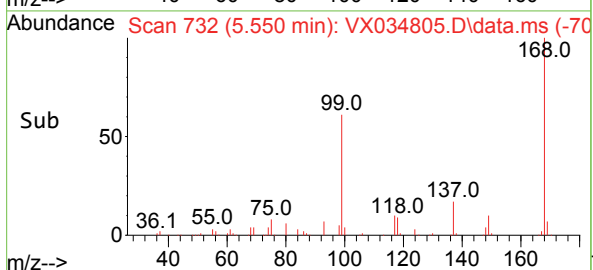
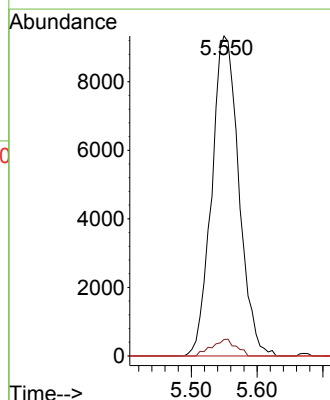
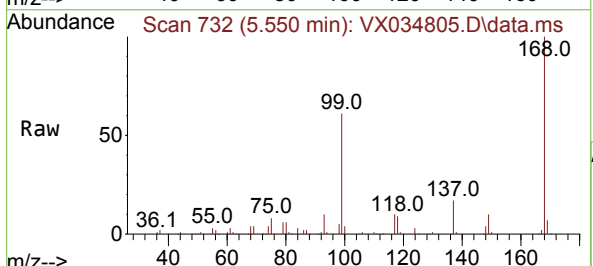
Tgt Ion: 117 Resp: 26882

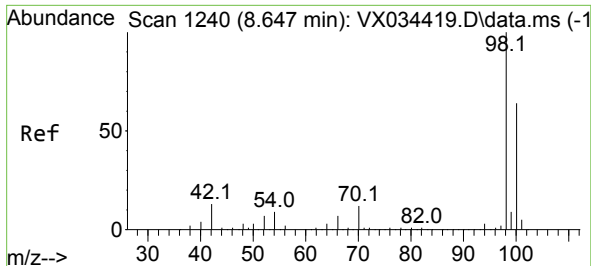
Ion Ratio Lower Upper

117 100

119 5.1 76.6 114.8#

121 0.0 23.8 35.6#

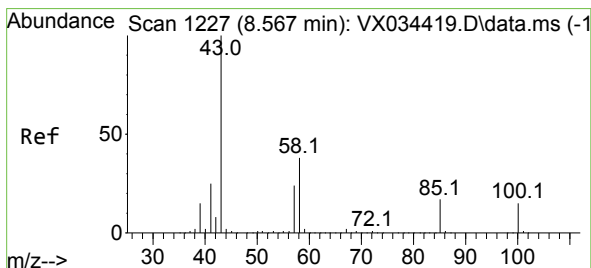
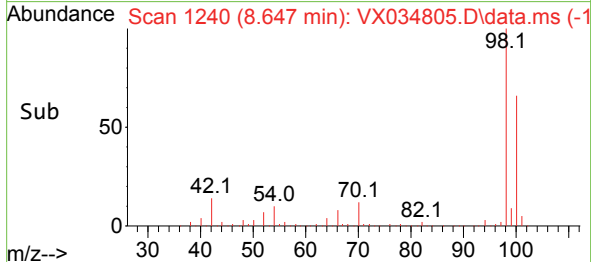
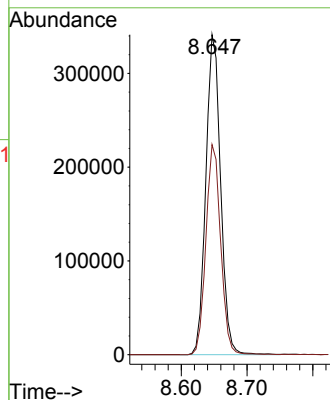
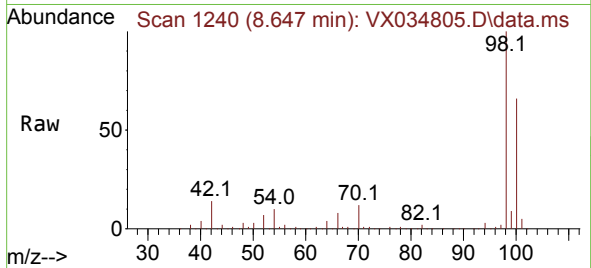




#50
Toluene-d8
Concen: 48.747 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

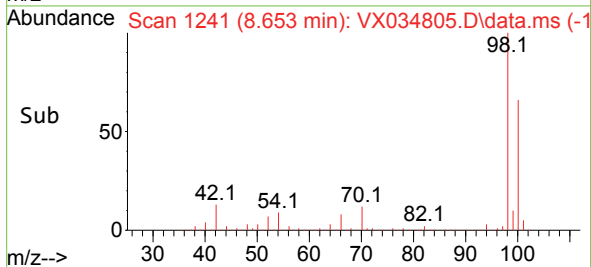
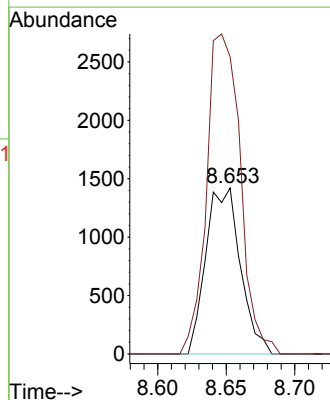
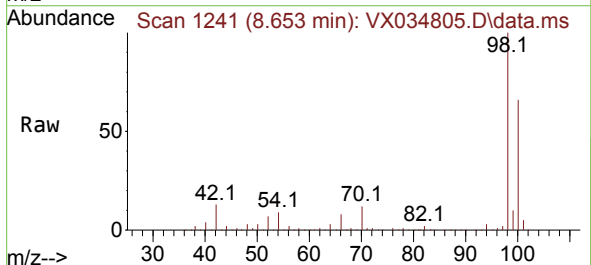
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STORAGE-BLANK-WATER-REF-4

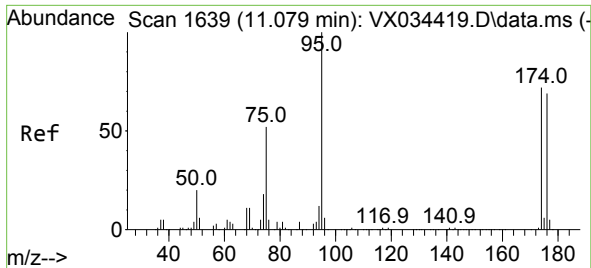
Tgt Ion: 98 Resp: 533276
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.085 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

Tgt Ion: 43 Resp: 2491
Ion Ratio Lower Upper
43 100
58 188.8 30.6 46.0#

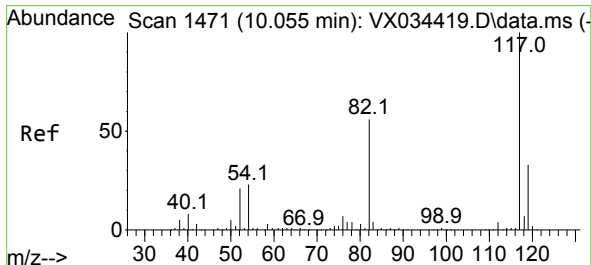
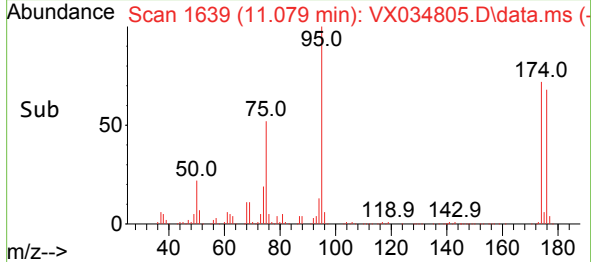
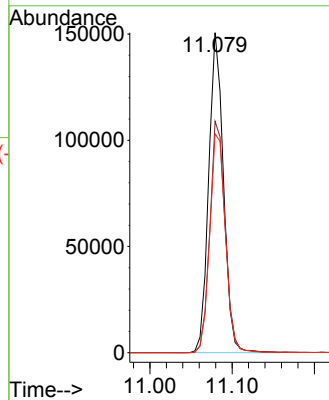
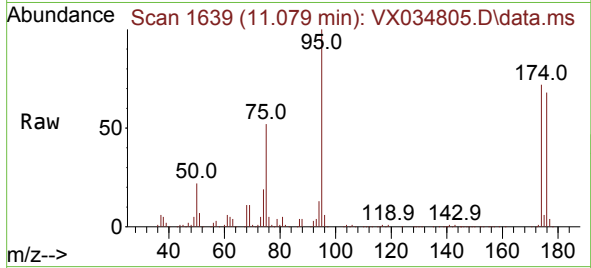




#62
4-Bromofluorobenzene
Concen: 42.521 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

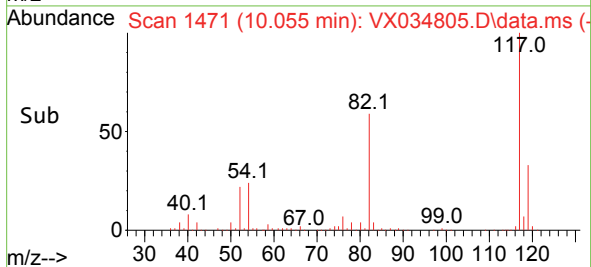
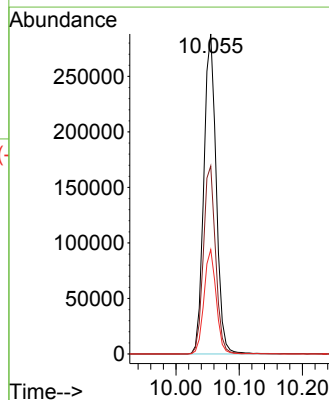
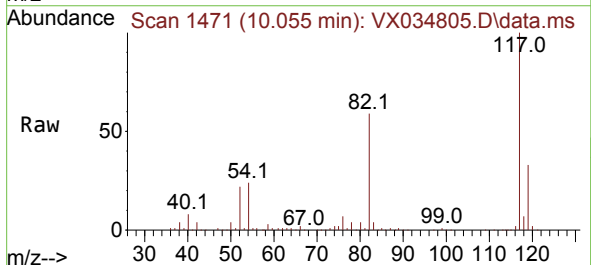
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

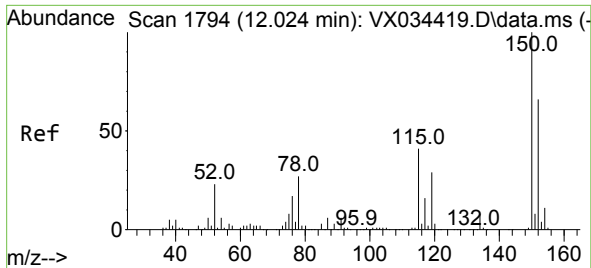
Tgt Ion: 95 Resp: 187889
Ion Ratio Lower Upper
95 100
174 75.3 0.0 147.4
176 72.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034805.D
Acq: 28 Mar 2023 19:55

Tgt Ion: 117 Resp: 392961
Ion Ratio Lower Upper
117 100
82 58.7 45.0 67.4
119 32.6 26.0 39.0

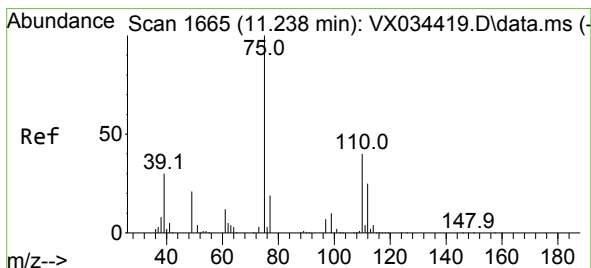
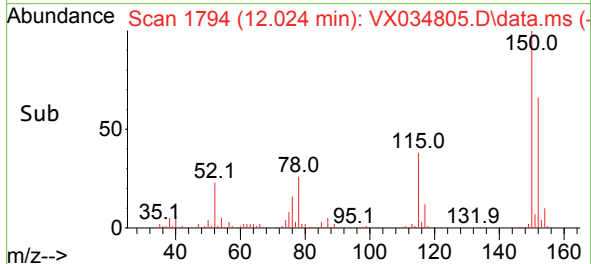
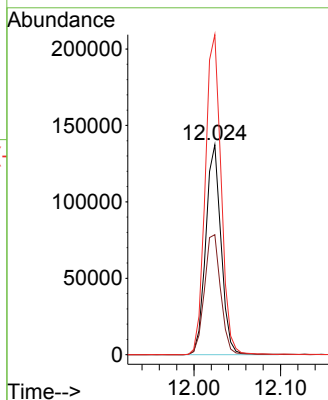
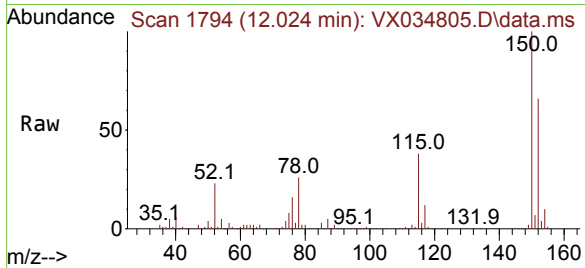




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034805.D
 Acq: 28 Mar 2023 19:55

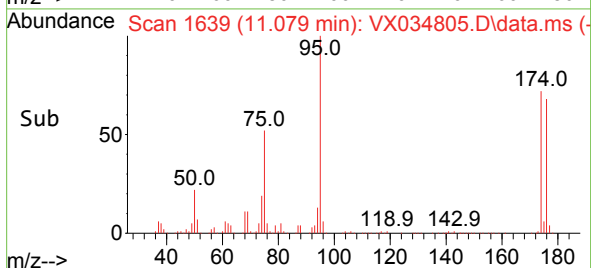
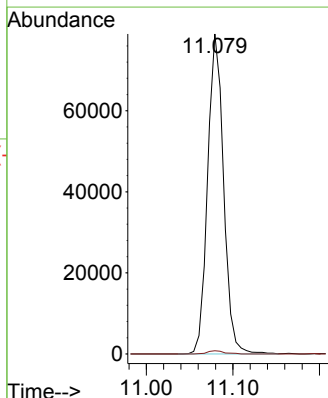
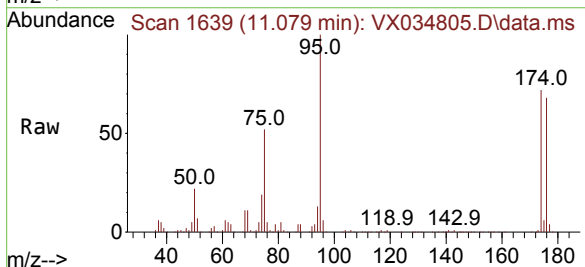
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

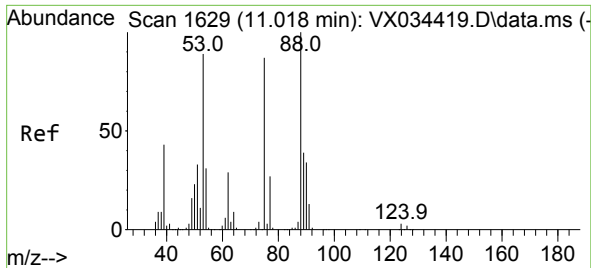
Tgt Ion:152 Resp: 168671
 Ion Ratio Lower Upper
 152 100
 115 60.7 45.0 135.0
 150 157.7 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.086 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034805.D
 Acq: 28 Mar 2023 19:55

Tgt Ion: 75 Resp: 101028
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.571 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034805.D
 Acq: 28 Mar 2023 19:55

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

Tgt Ion: 75 Resp: 101028
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

