

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076436.D
 Acq On : 27 Jan 2023 13:47
 Operator : JC\MD
 Sample : 01332-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jan 27 22:37:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

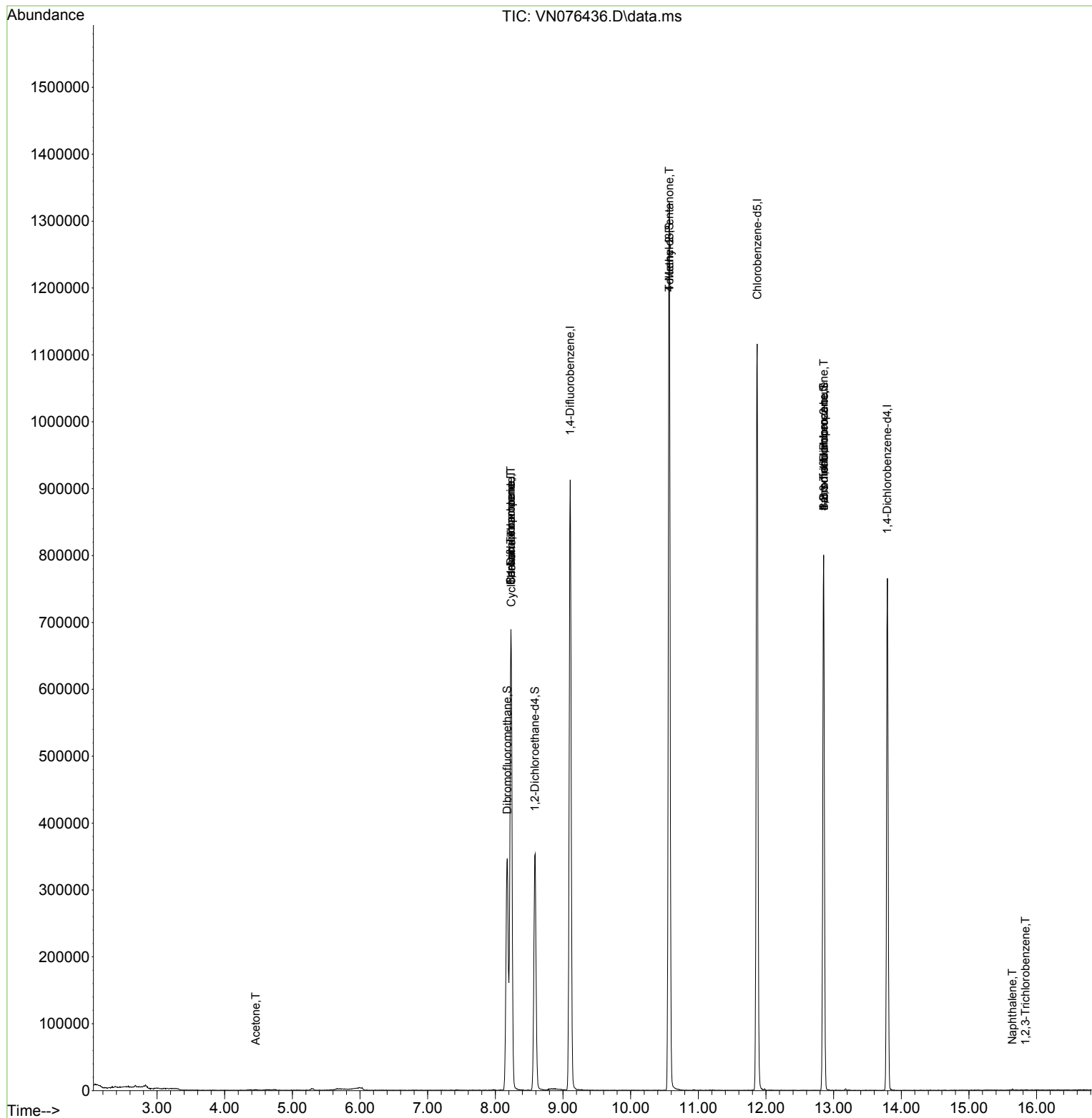
Internal Standards						
1) Pentafluorobenzene	8.230	168	504645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	819265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	678365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	304325	53.859	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.720%	
35) Dibromofluoromethane	8.177	113	254678	49.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.380%	
50) Toluene-d8	10.571	98	931608	49.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.440%	
62) 4-Bromofluorobenzene	12.853	95	265558	42.980	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	923	0.436	ug/l	95
20) Methylene Chloride	5.289	84	2078	Below Cal	#	86
31) Cyclohexane	8.236	56	10450	1.204	ug/l	# 19
36) 1,1-Dichloropropene	8.230	75	39990	5.491	ug/l	# 49
38) Carbon Tetrachloride	8.230	117	53737	6.617	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.571	43	3402	0.610	ug/l	# 1
71) Bromoform	12.853	173	1437	0.373	ug/l	# 1
76) 1,2,3-Trichloropropane	12.853	75	143285	37.248	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	143285	113.634	ug/l	# 11
95) Naphthalene	15.641	128	1470	1.969	ug/l	# 81
96) 1,2,3-Trichlorobenzene	15.835	180	173	1.202	ug/l	# 46

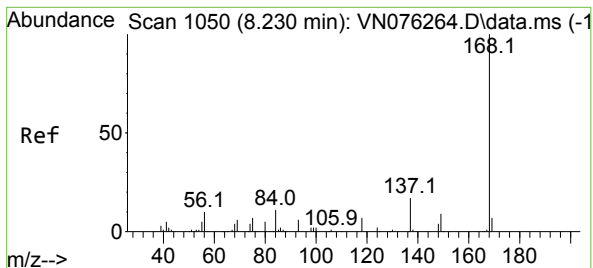
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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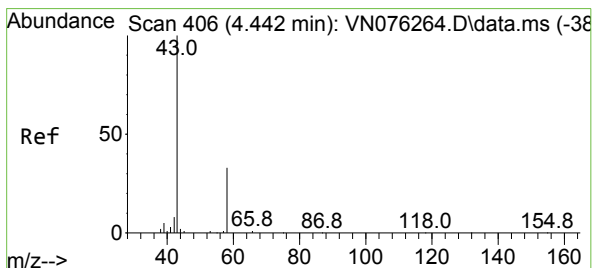
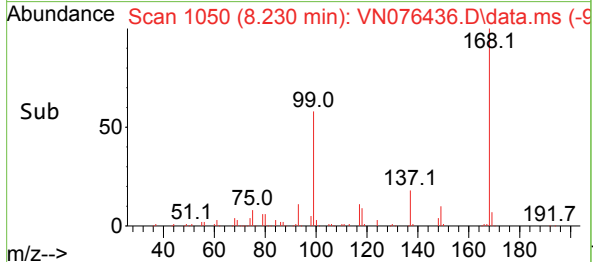
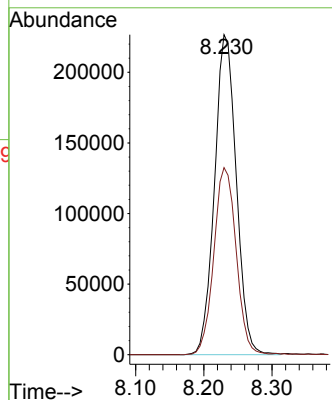
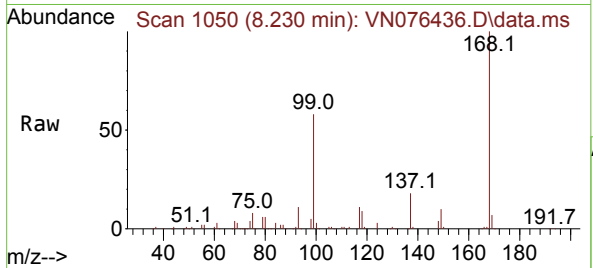




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

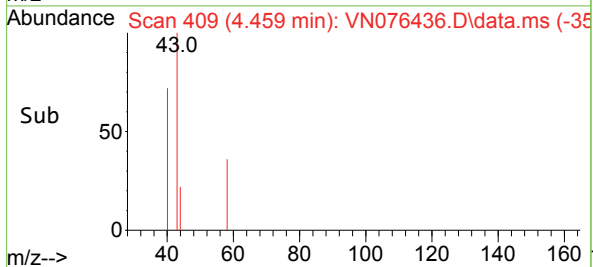
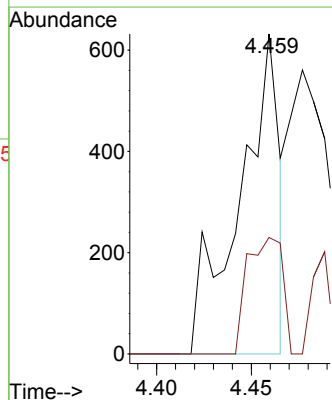
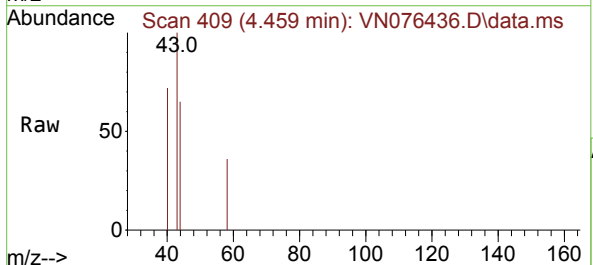
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

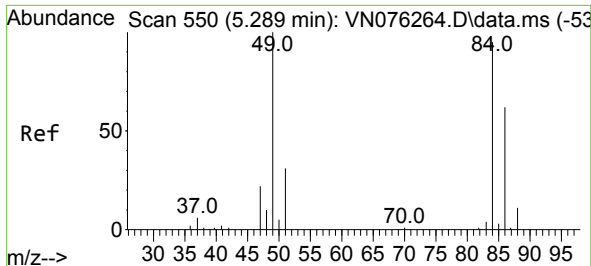
Tgt Ion:168 Resp: 504645
Ion Ratio Lower Upper
168 100
99 58.5 41.6 62.4



#16
Acetone
Concen: 0.436 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 36.4 26.7 40.1

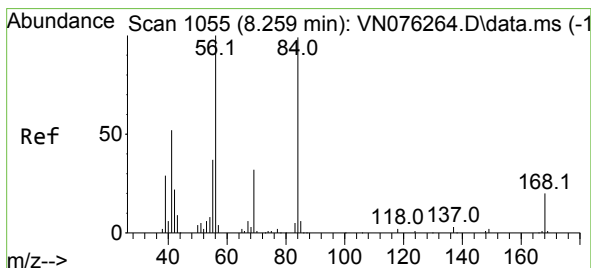
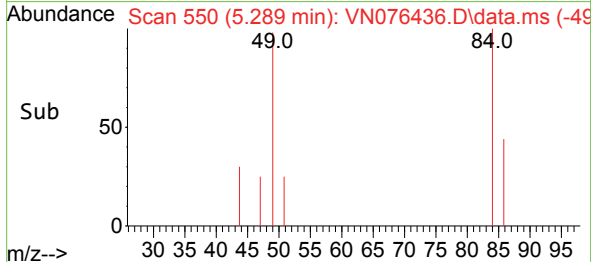
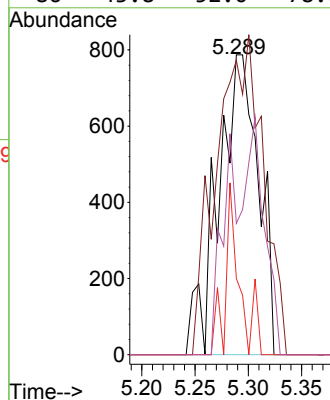
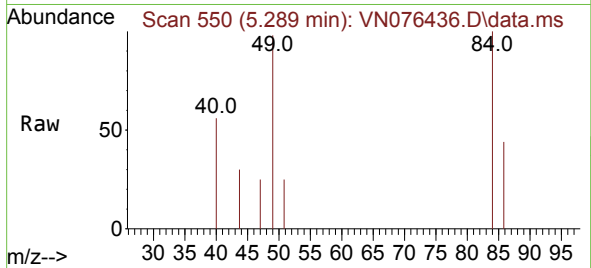




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

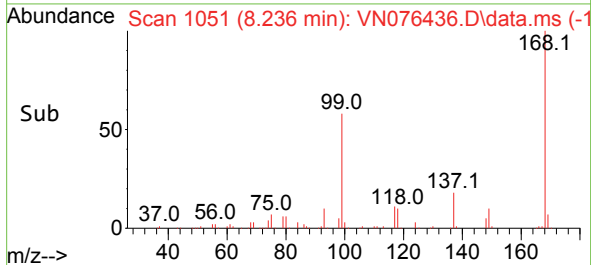
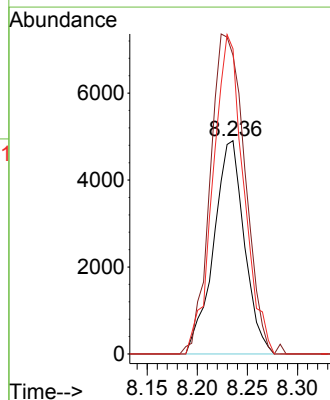
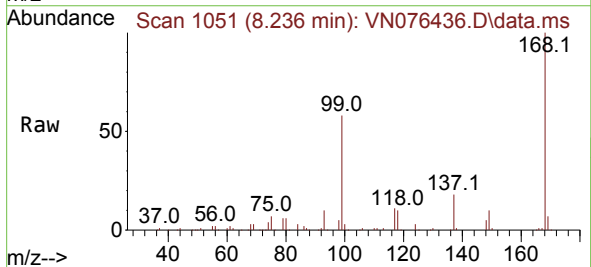
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

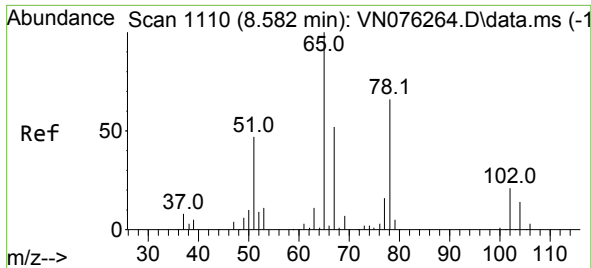
Tgt Ion:	84	Resp:	2078
Ion	Ratio	Lower	Upper
84	100		
49	98.2	84.5	126.7
51	25.4	26.0	39.0#
86	43.8	52.0	78.0#



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.023 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

Tgt Ion:	56	Resp:	10450
Ion	Ratio	Lower	Upper
56	100		
69	140.1	25.8	38.8#
84	143.0	79.0	118.4#

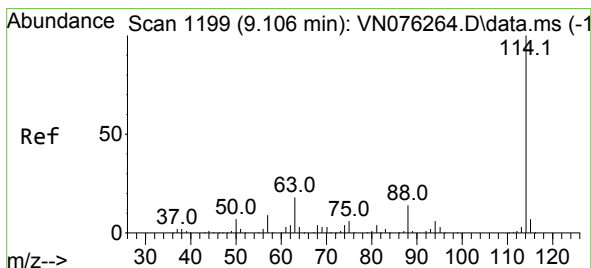
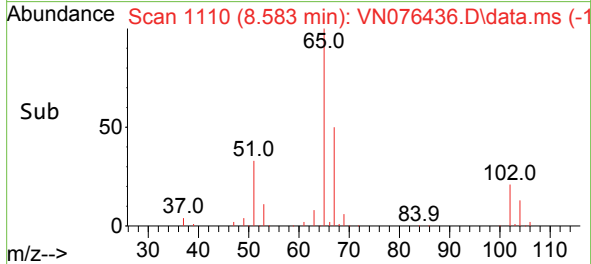
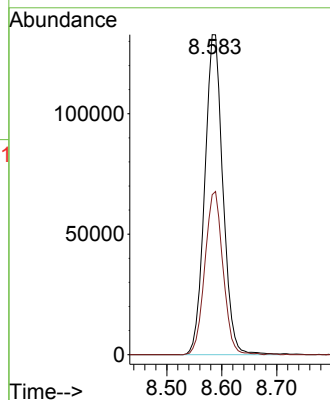
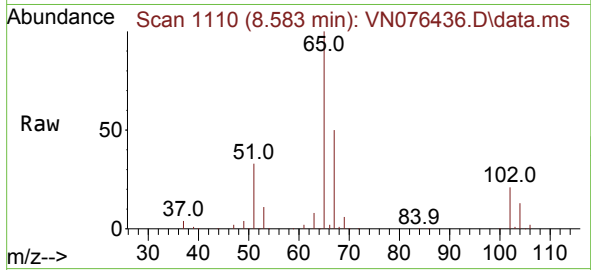




#33
1,2-Dichloroethane-d4
Concen: 53.859 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

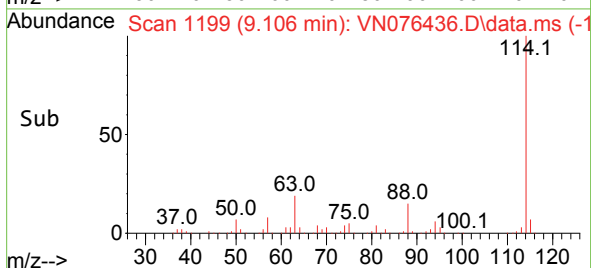
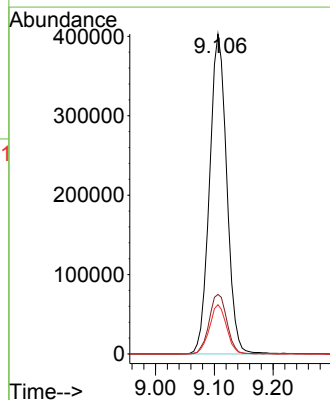
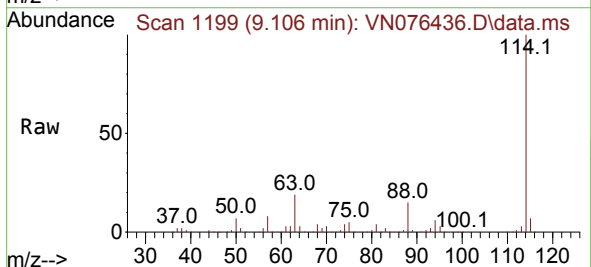
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

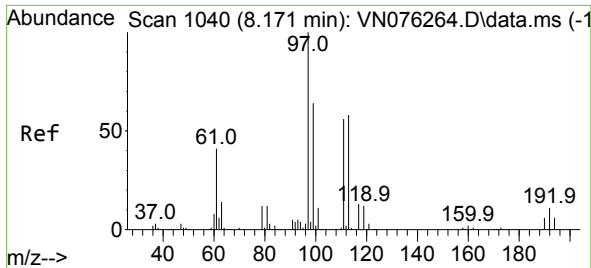
Tgt Ion: 65 Resp: 304325
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

Tgt Ion: 114 Resp: 819265
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.8
88 15.4 0.0 28.0

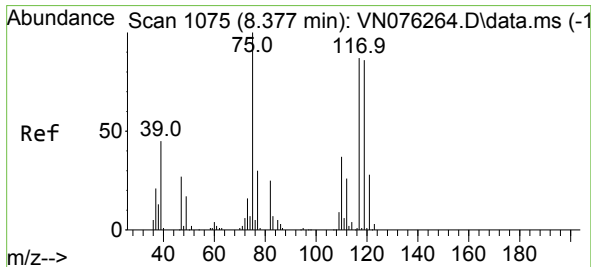
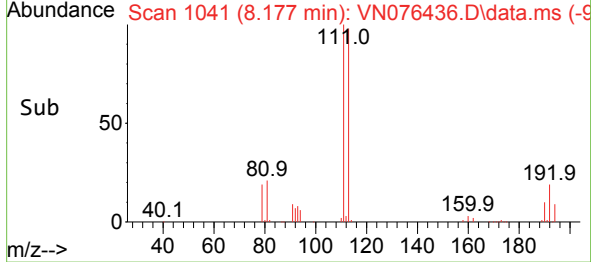
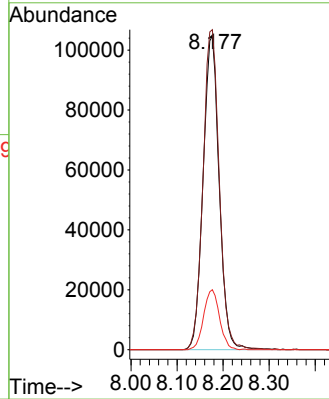
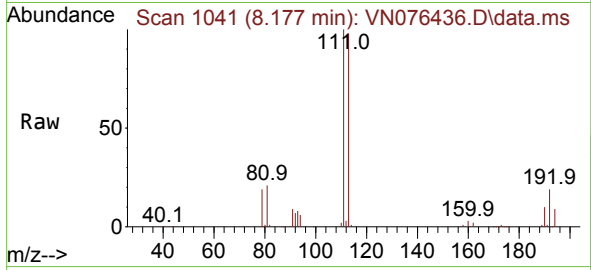




#35
Dibromofluoromethane
Concen: 49.695 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

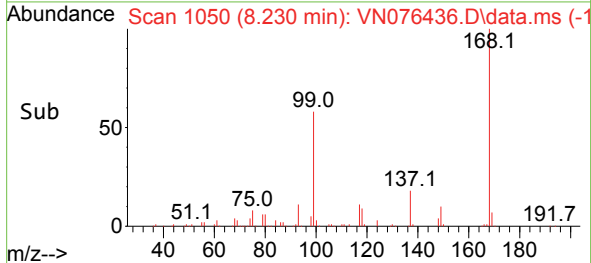
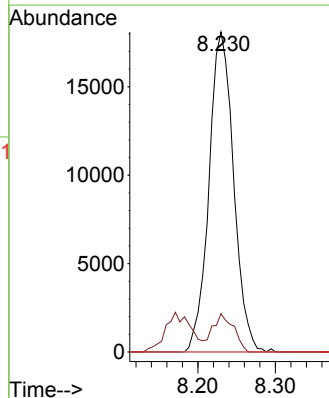
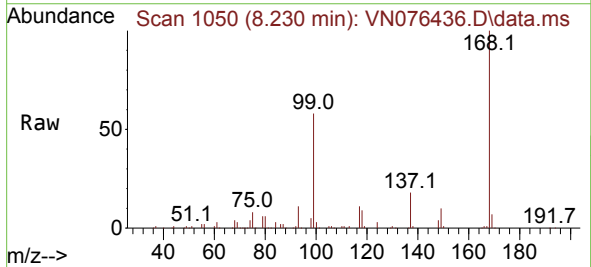
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

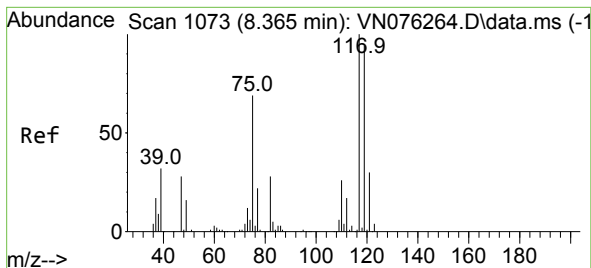
Tgt Ion:113 Resp: 254678
Ion Ratio Lower Upper
113 100
111 103.2 82.7 124.1
192 18.9 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.491 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

Tgt Ion: 75 Resp: 39990
Ion Ratio Lower Upper
75 100
110 10.3 18.8 56.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.617 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076436.D

Acq: 27 Jan 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

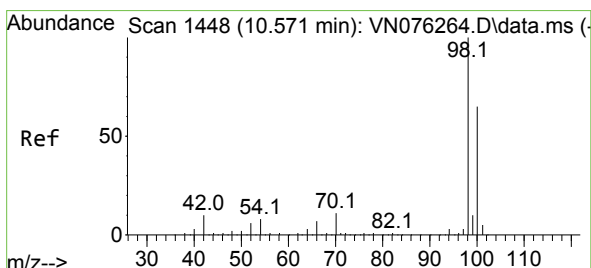
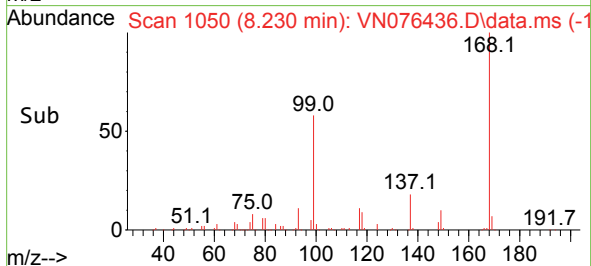
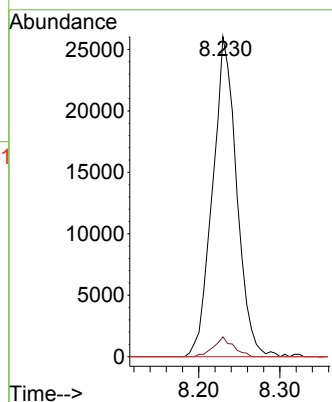
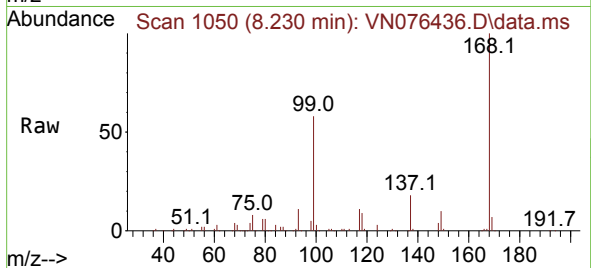
Tgt Ion:117 Resp: 53737

Ion Ratio Lower Upper

117 100

119 6.2 75.4 113.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.222 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076436.D

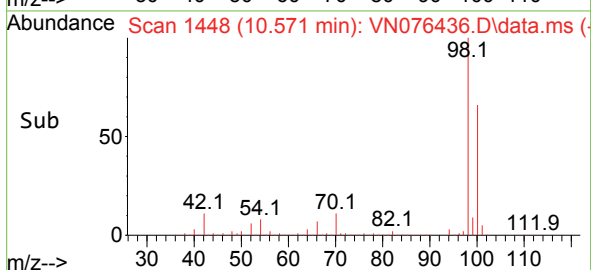
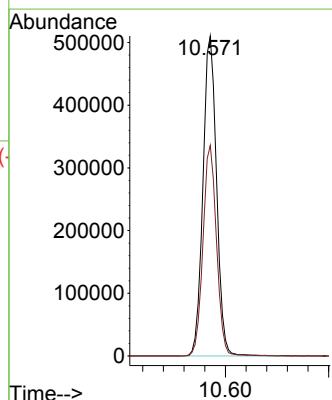
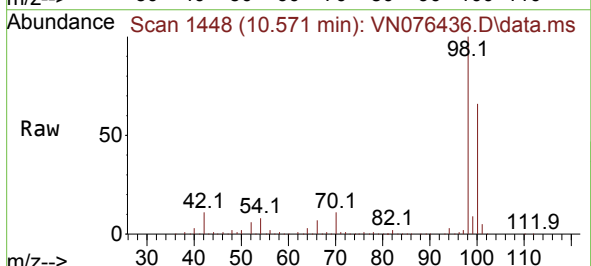
Acq: 27 Jan 2023 13:47

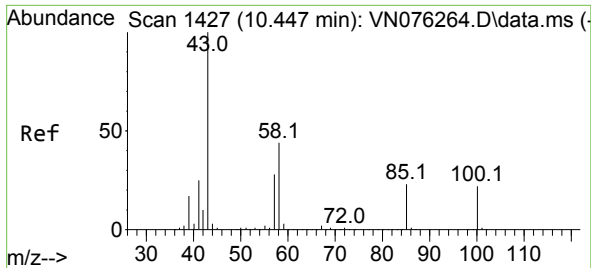
Tgt Ion: 98 Resp: 931608

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4

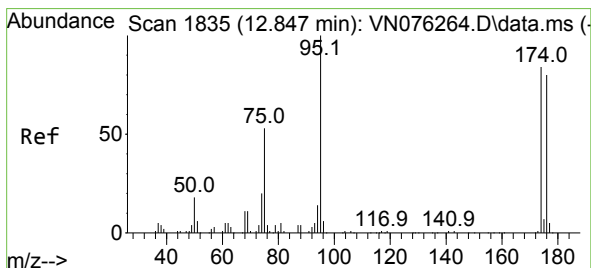
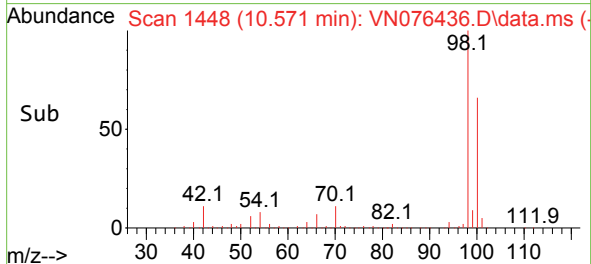
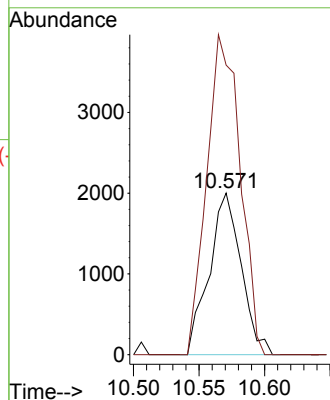
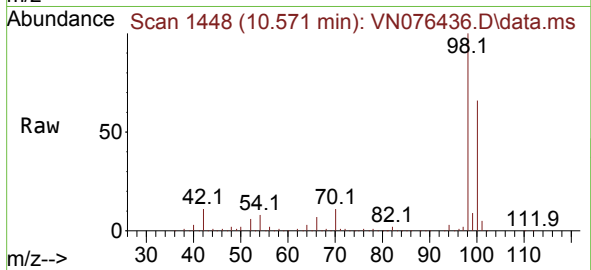




#51
4-Methyl-2-Pentanone
Concen: 0.610 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.124 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

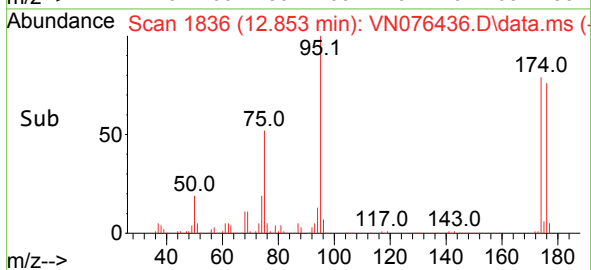
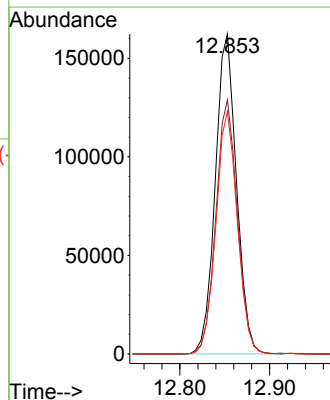
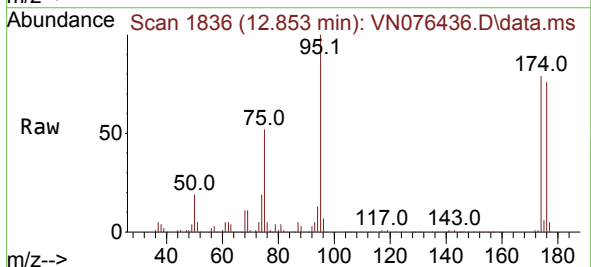
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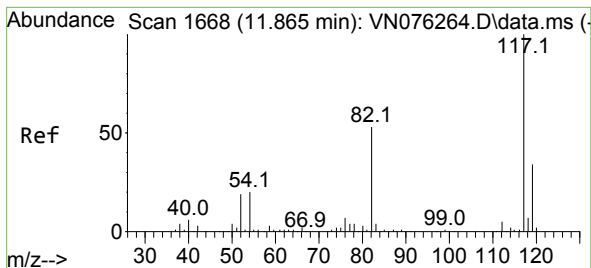
Tgt Ion: 43 Resp: 3402
Ion Ratio Lower Upper
43 100
58 206.4 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 42.980 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

Tgt Ion: 95 Resp: 265558
Ion Ratio Lower Upper
95 100
174 80.9 0.0 174.6
176 76.7 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076436.D

Acq: 27 Jan 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

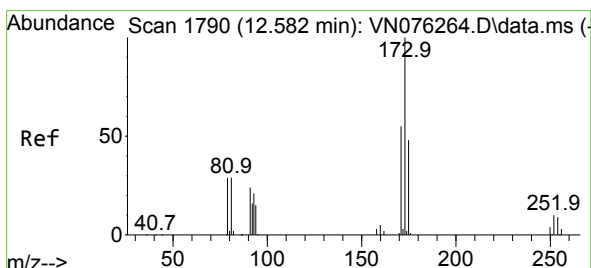
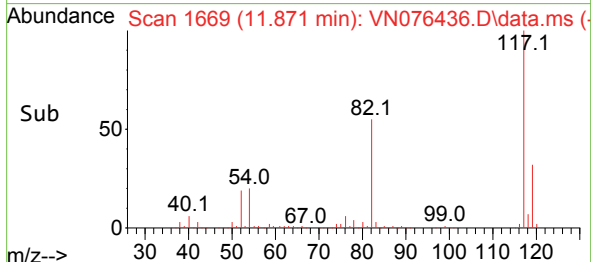
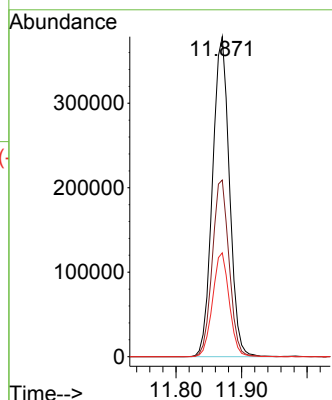
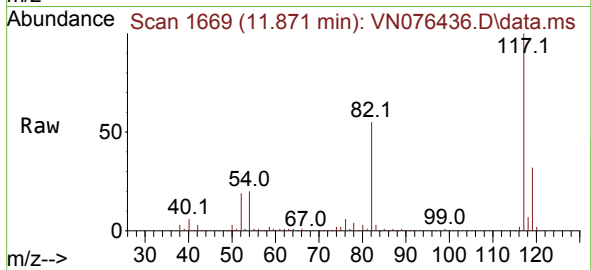
Tgt Ion:117 Resp: 678365

Ion Ratio Lower Upper

117 100

82 55.2 42.2 63.2

119 32.5 26.9 40.3



#71

Bromoform

Concen: 0.373 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076436.D

Acq: 27 Jan 2023 13:47

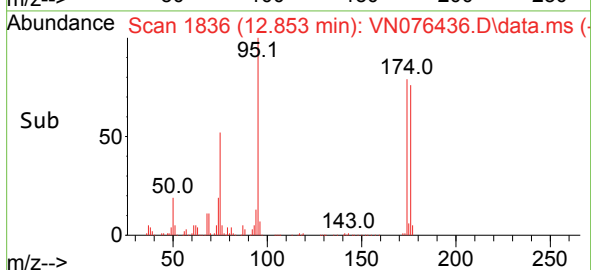
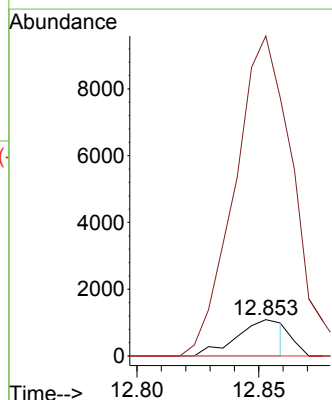
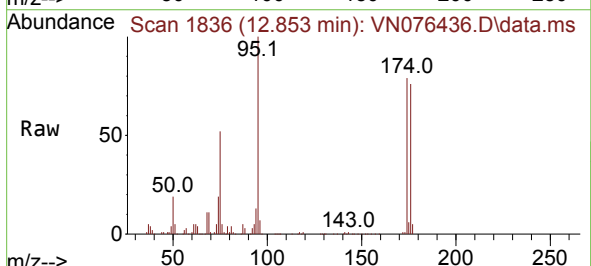
Tgt Ion:173 Resp: 1437

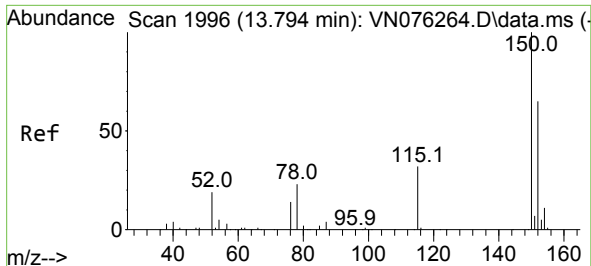
Ion Ratio Lower Upper

173 100

175 893.2 24.1 72.4#

254 0.0 0.0 0.0

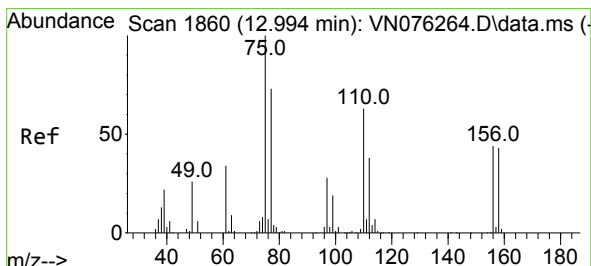
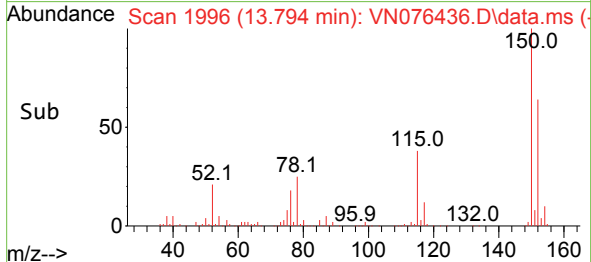
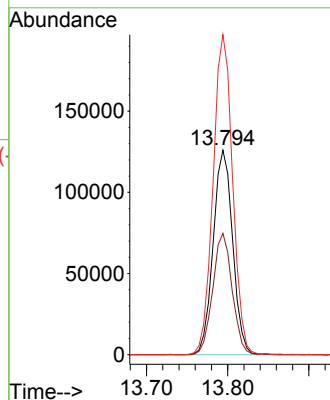
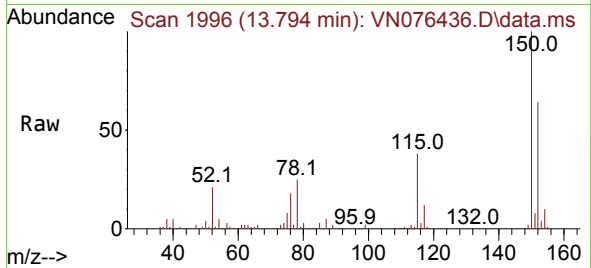




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076436.D
 Acq: 27 Jan 2023 13:47

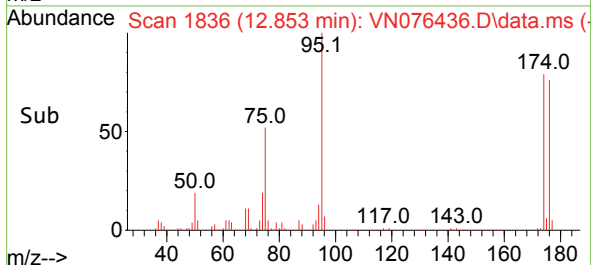
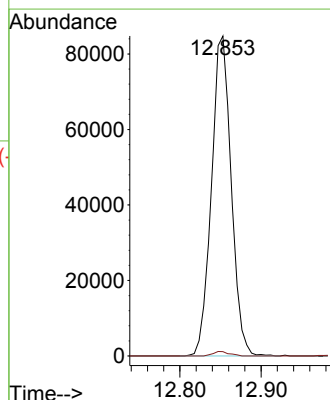
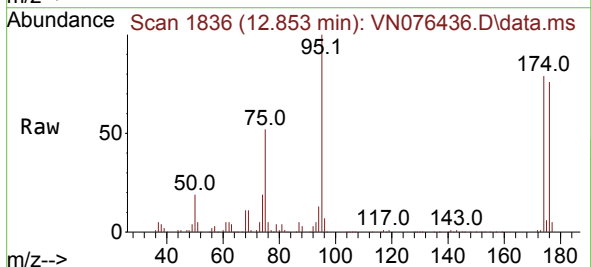
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

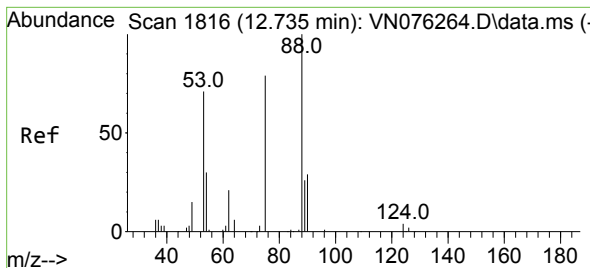
Tgt Ion:152 Resp: 209798
 Ion Ratio Lower Upper
 152 100
 115 59.2 29.6 88.9
 150 157.0 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 37.248 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076436.D
 Acq: 27 Jan 2023 13:47

Tgt Ion: 75 Resp: 143285
 Ion Ratio Lower Upper
 75 100
 77 1.2 75.2 225.6#

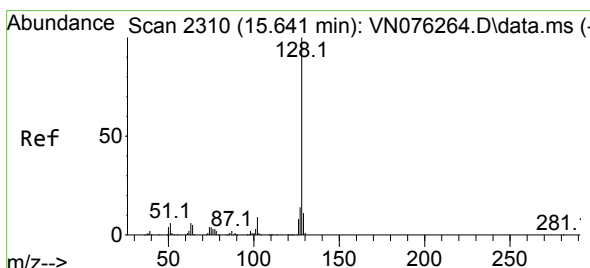
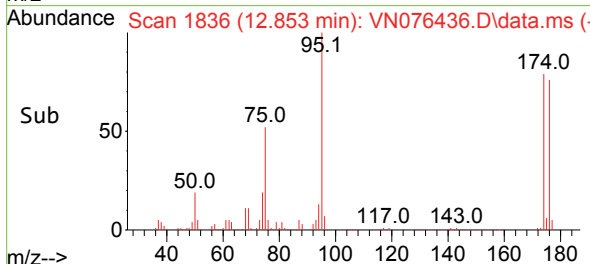
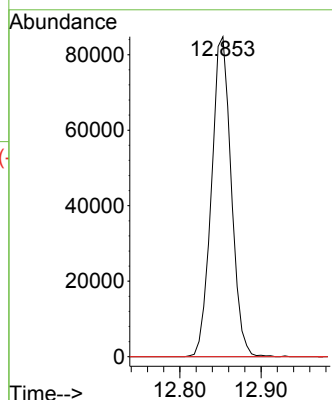
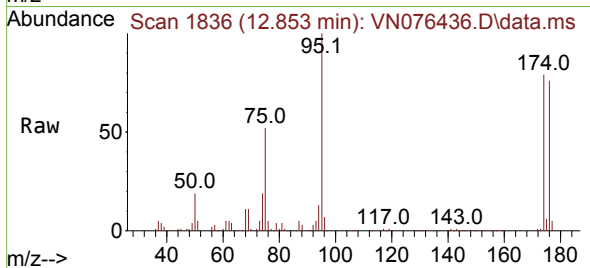




#81
trans-1,4-Dichloro-2-butene
Concen: 113.634 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

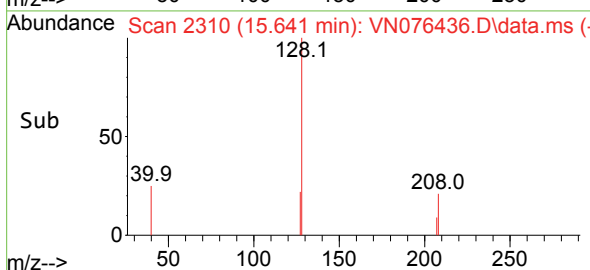
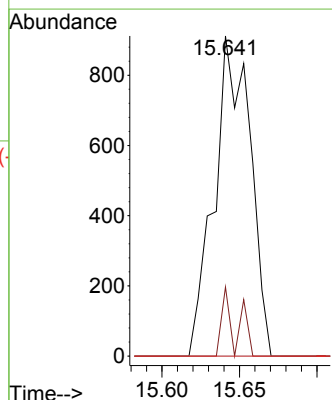
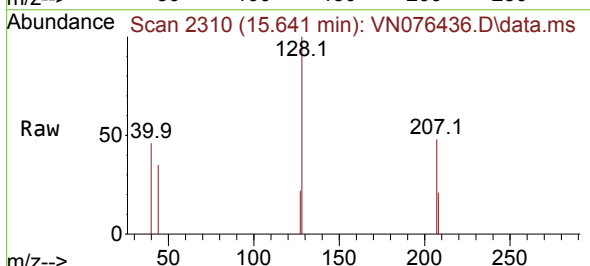
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

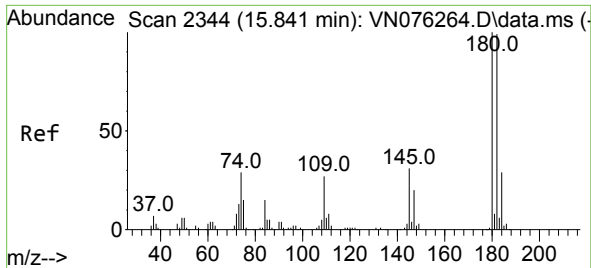
Tgt Ion: 75 Resp: 143285
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 1.969 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076436.D
Acq: 27 Jan 2023 13:47

Tgt Ion:128 Resp: 1470
Ion Ratio Lower Upper
128 100
127 8.6 10.3 15.5#
129 0.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.202 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN076436.D

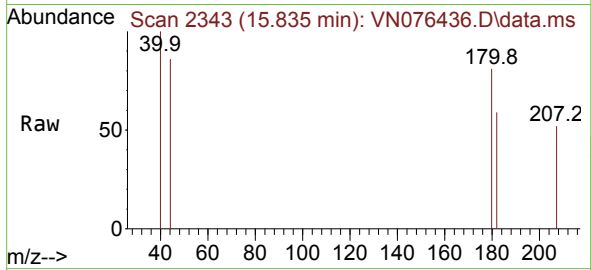
Acq: 27 Jan 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion:180 Resp: 173

Ion Ratio Lower Upper

180 100

182 43.9 47.5 142.5#

145 0.0 15.9 47.6#

