

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076113.D
 Acq On : 05 Jan 2023 16:03
 Operator : JC\MD
 Sample : 01003-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jan 05 23:50:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

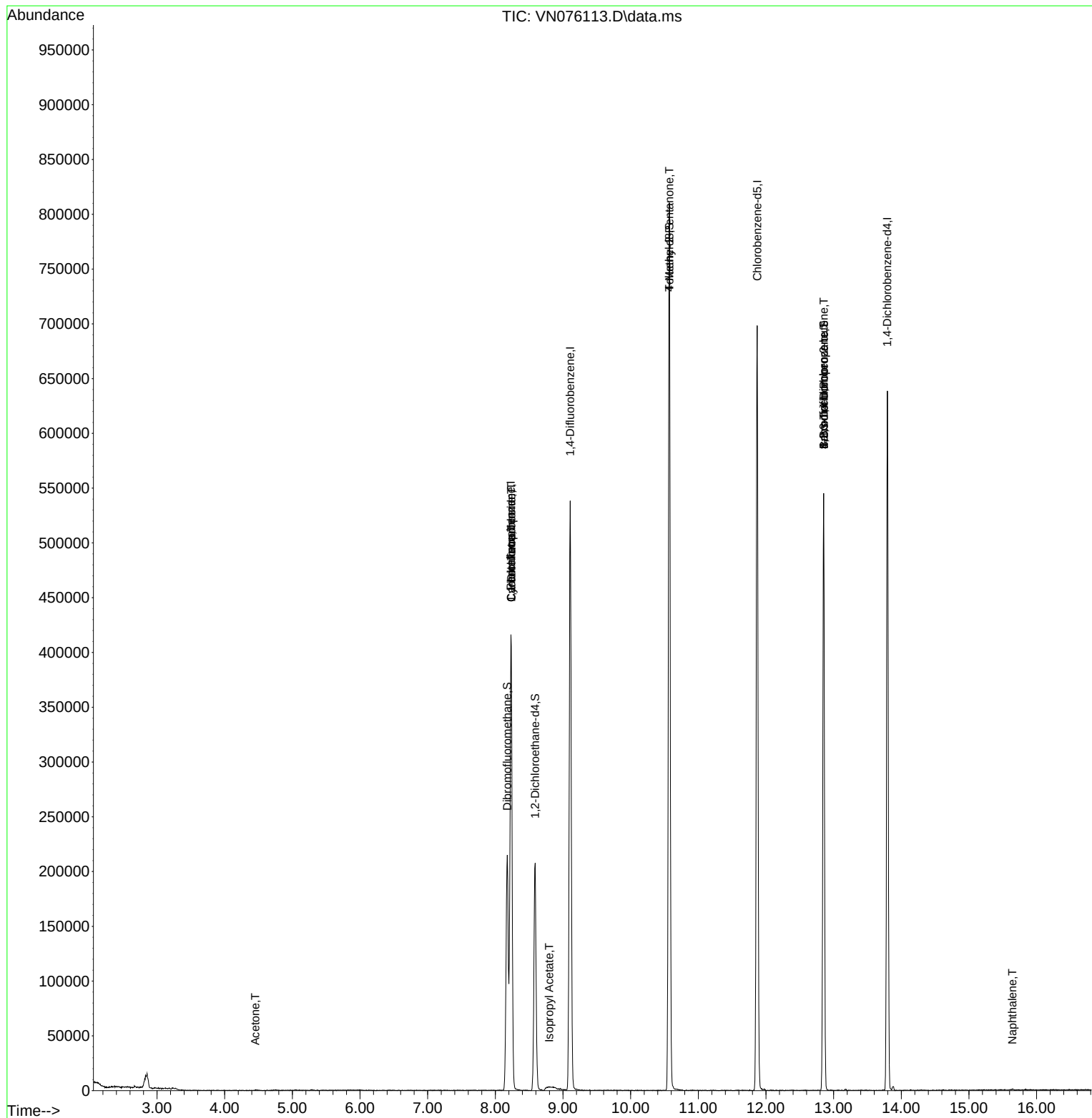
Internal Standards						
1) Pentafluorobenzene	8.230	168	317694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	495579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	433007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	164899	47.711	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.420%
35) Dibromofluoromethane	8.177	113	150449	49.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	10.571	98	573255	49.958	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.853	95	177143	46.609	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.220%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	406	0.341	ug/l #	39
20) Methylene Chloride	5.289	84	355	Below Cal	#	56
31) Cyclohexane	8.236	56	5568	1.125	ug/l #	1
36) 1,1-Dichloropropene	8.236	75	22734	5.576	ug/l #	50
38) Carbon Tetrachloride	8.236	117	30873	6.766	ug/l #	17
43) Isopropyl Acetate	8.794	43	3814	0.706	ug/l #	50
51) 4-Methyl-2-Pentanone	10.571	43	2353	0.720	ug/l #	1
71) Bromoform	12.853	173	1381	0.577	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	90581	24.835	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	90581	89.393	ug/l #	12
95) Naphthalene	15.641	128	1183	2.292	ug/l #	69

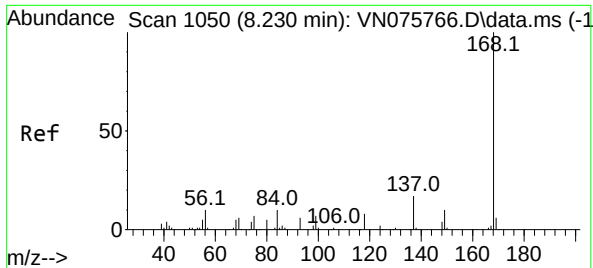
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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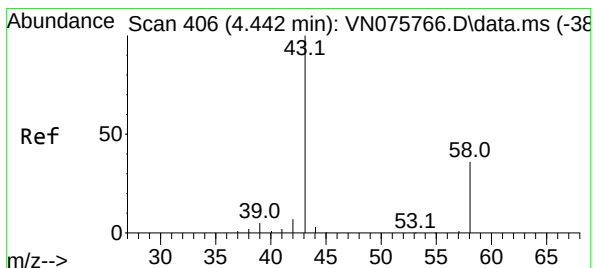
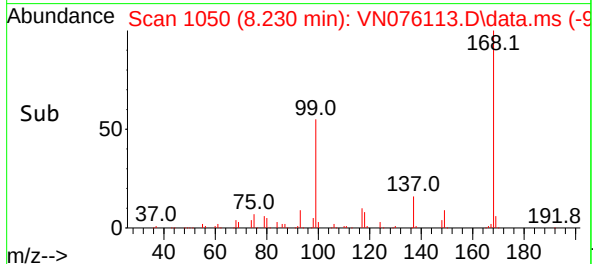
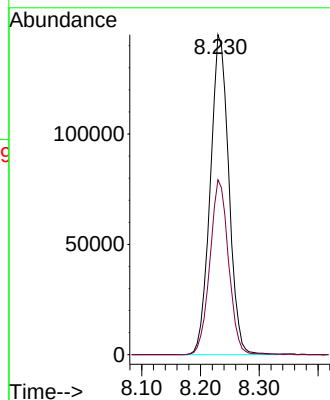
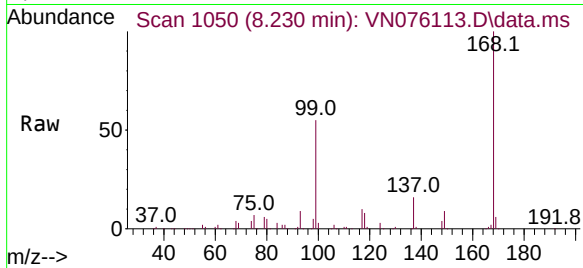




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

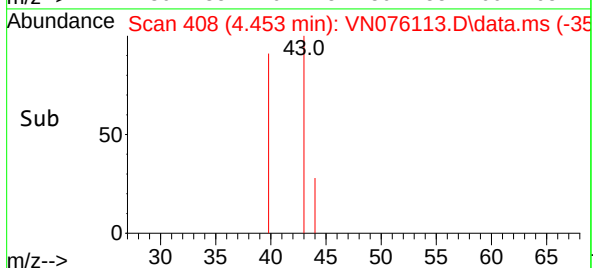
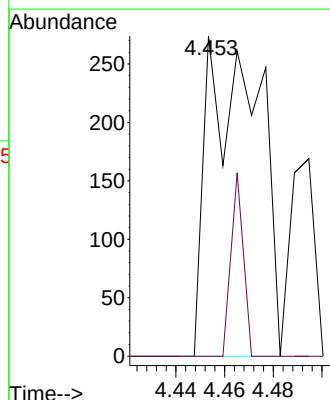
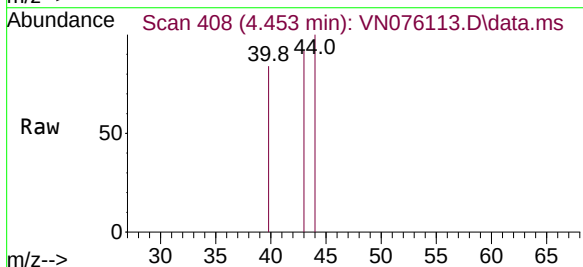
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

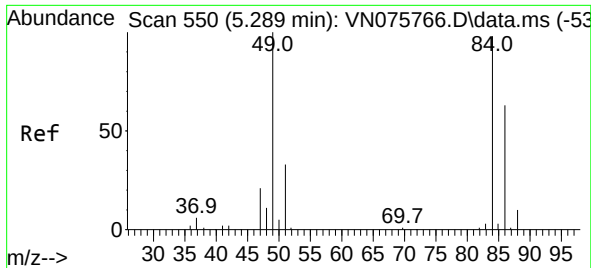
Tgt Ion:168 Resp: 317694
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#16
Acetone
Concen: 0.341 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

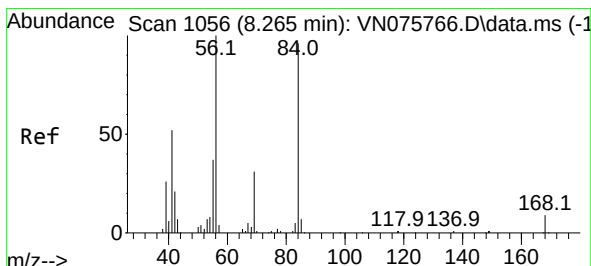
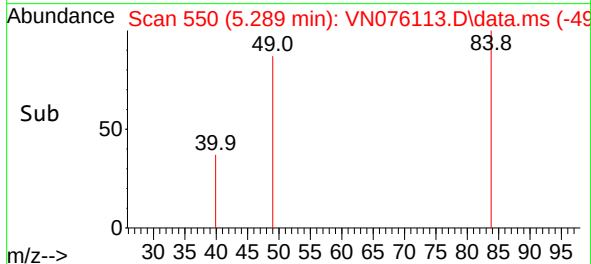
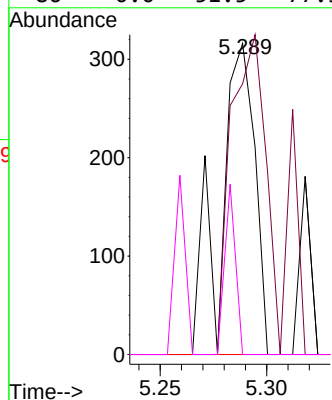
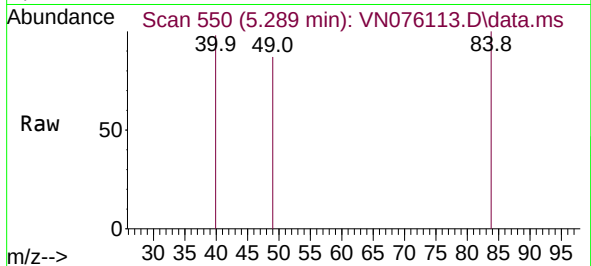




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

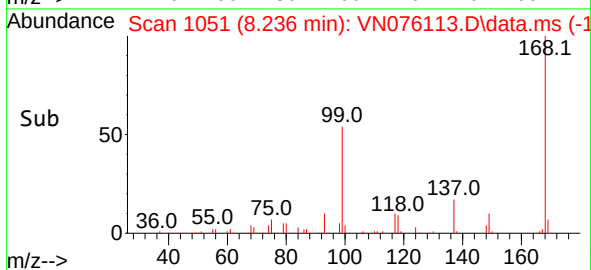
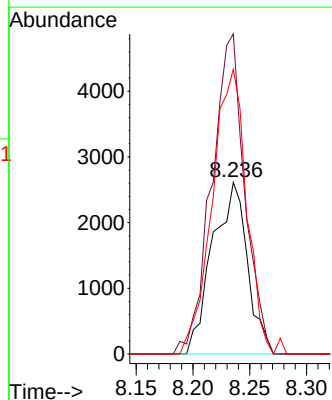
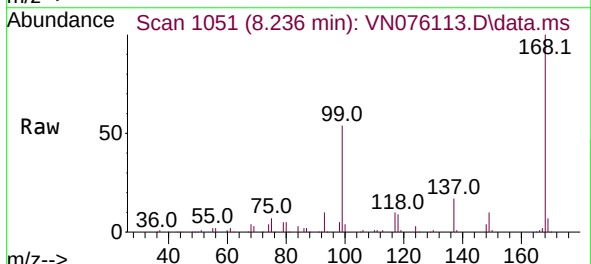
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

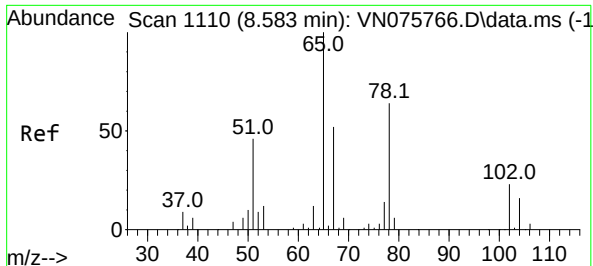
Tgt Ion: 84	Resp:	355	
Ion	Ratio	Lower	Upper
84	100		
49	87.0	81.8	122.6
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#



#31
Cyclohexane
Concen: 1.125 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

Tgt Ion: 56	Resp:	5568	
Ion	Ratio	Lower	Upper
56	100		
69	186.4	24.7	37.1#
84	165.8	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.711 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076113.D

Acq: 05 Jan 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

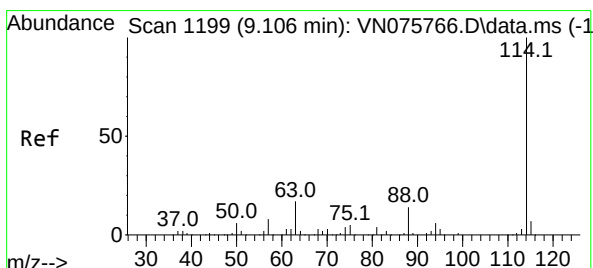
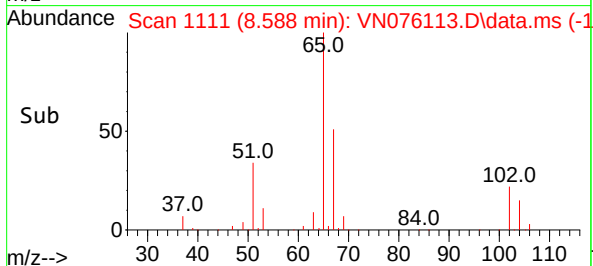
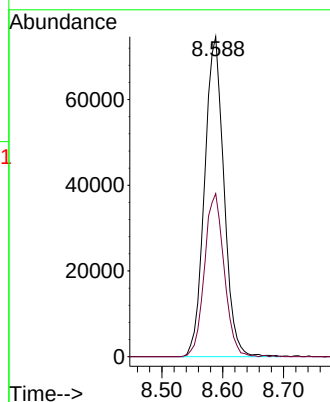
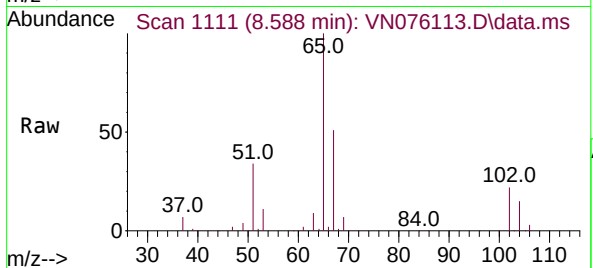
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 164899

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076113.D

Acq: 05 Jan 2023 16:03

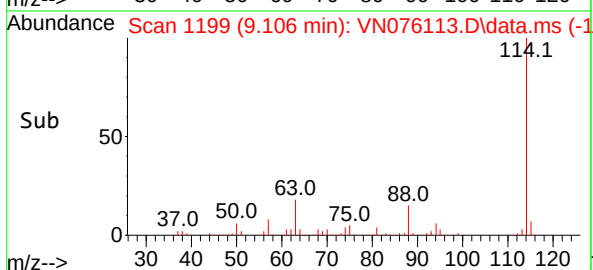
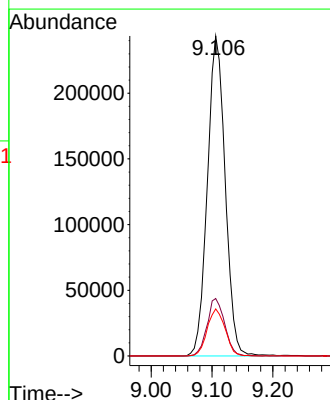
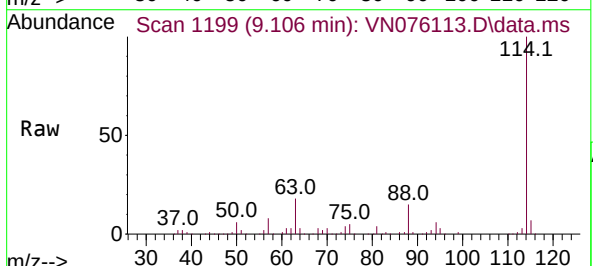
Tgt Ion: 114 Resp: 495579

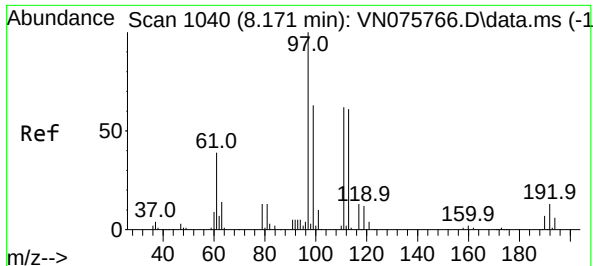
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.021 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076113.D

Acq: 05 Jan 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

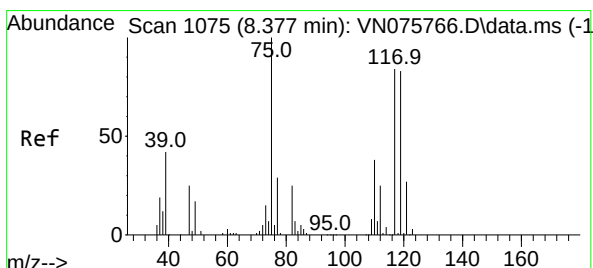
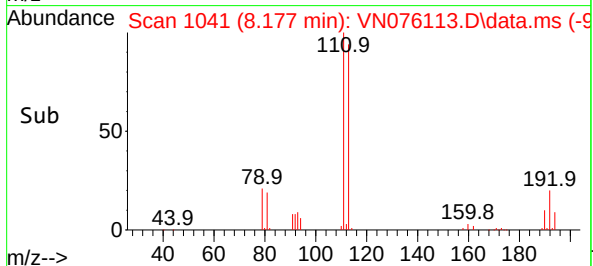
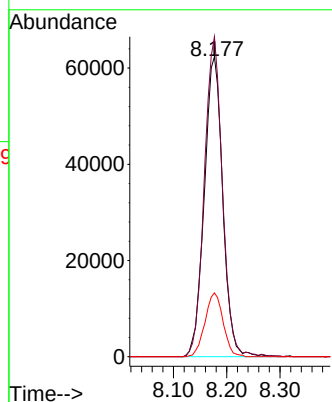
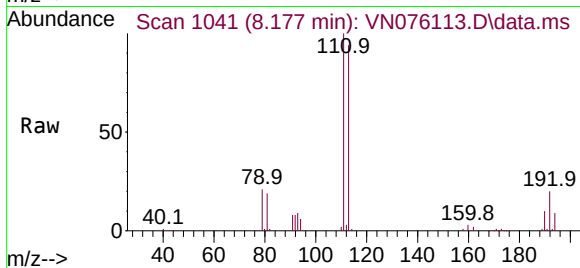
Tgt Ion:113 Resp: 150449

Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

192 20.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.576 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN076113.D

Acq: 05 Jan 2023 16:03

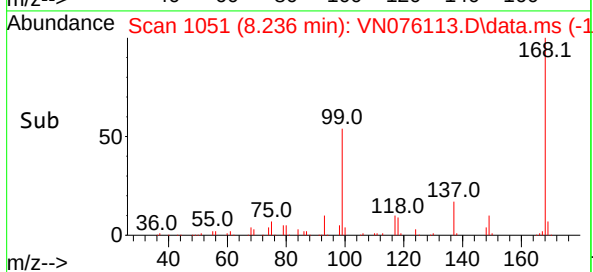
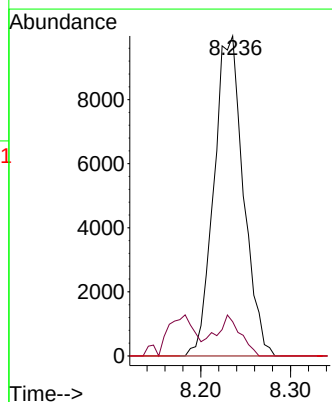
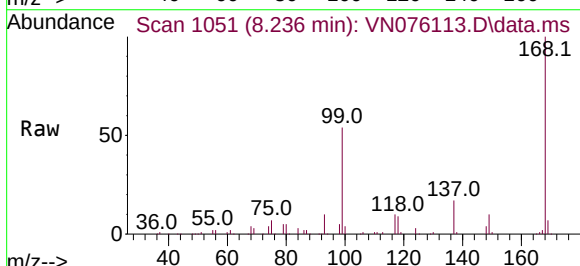
Tgt Ion: 75 Resp: 22734

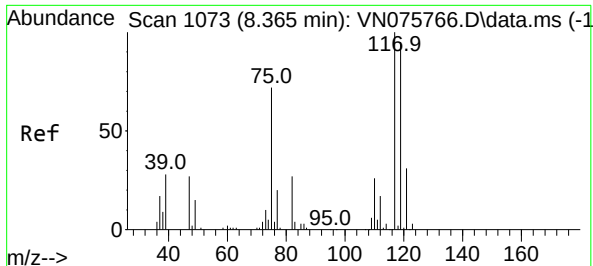
Ion Ratio Lower Upper

75 100

110 10.0 18.8 56.4#

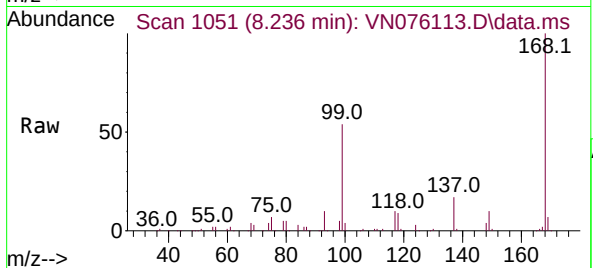
77 0.0 24.1 36.1#



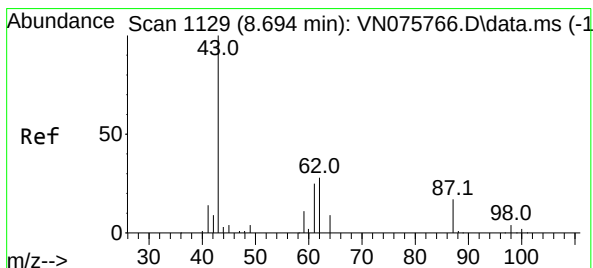
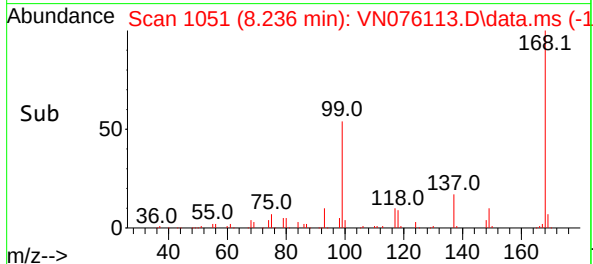
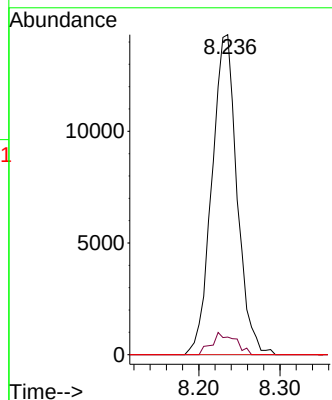


#38
Carbon Tetrachloride
Concen: 6.766 ug/l
RT: 8.236 min Scan# 1105
Delta R.T. -0.129 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

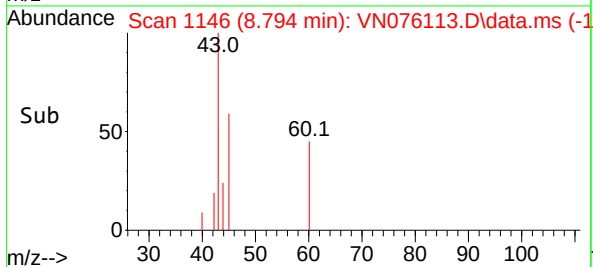
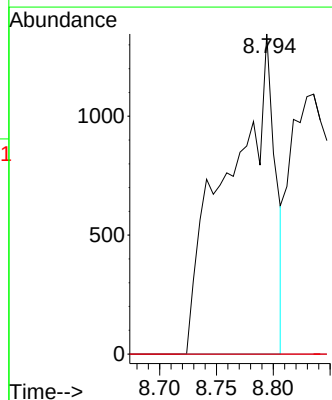
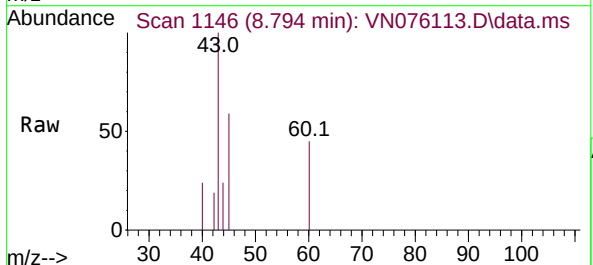


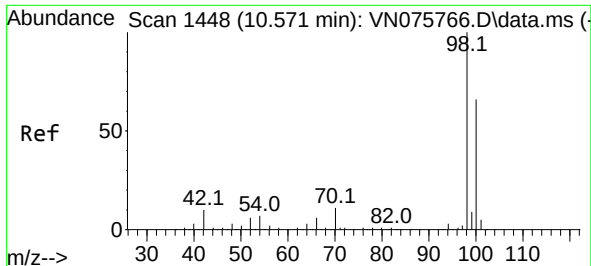
Tgt Ion:117 Resp: 30873
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.706 ug/l
RT: 8.794 min Scan# 1146
Delta R.T. 0.100 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

Tgt Ion: 43 Resp: 3814
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

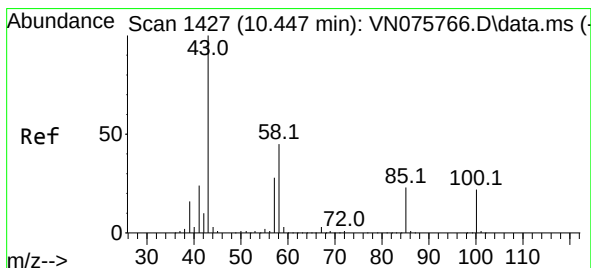
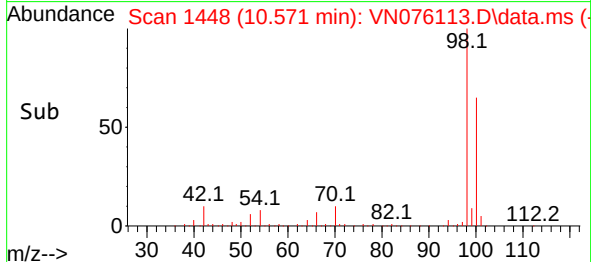
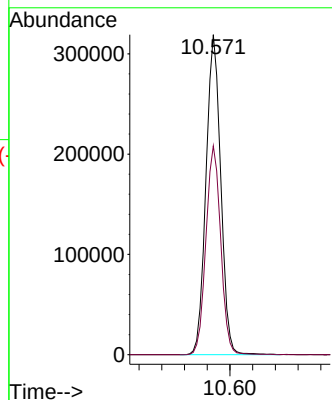
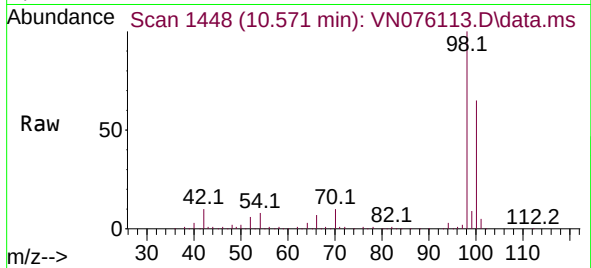




#50
Toluene-d8
Concen: 49.958 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

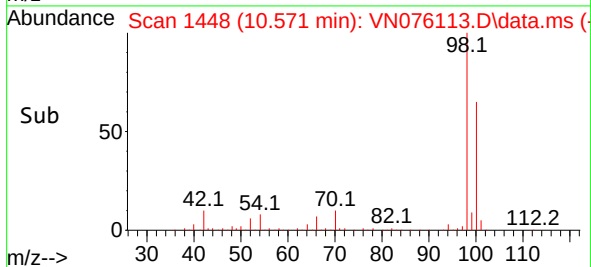
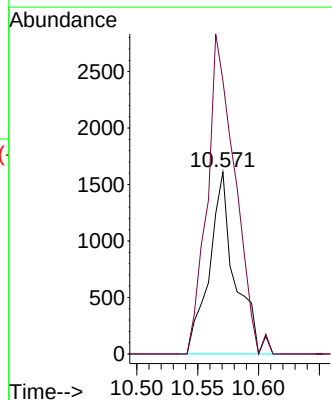
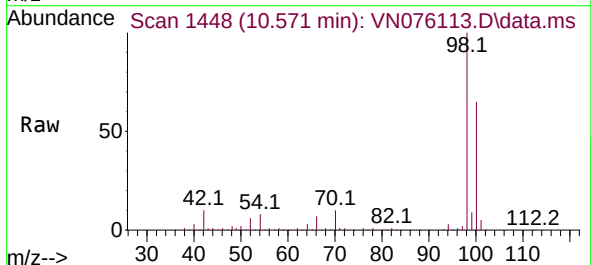
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

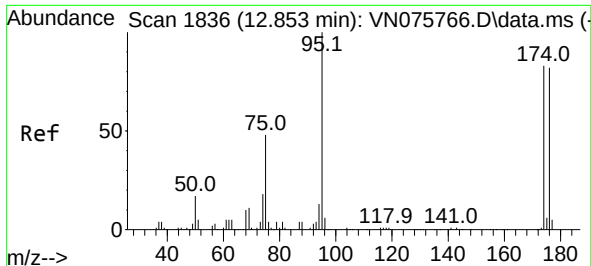
Tgt Ion: 98 Resp: 573255
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.720 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

Tgt Ion: 43 Resp: 2353
Ion Ratio Lower Upper
43 100
58 190.6 35.5 53.3#

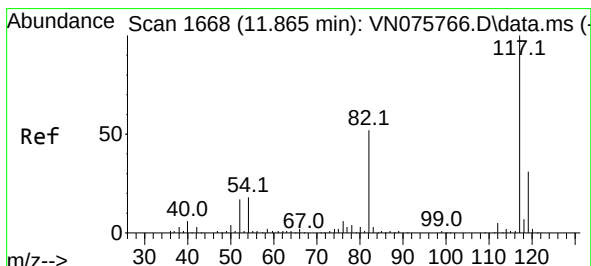
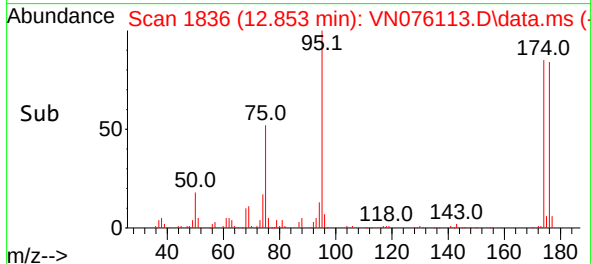
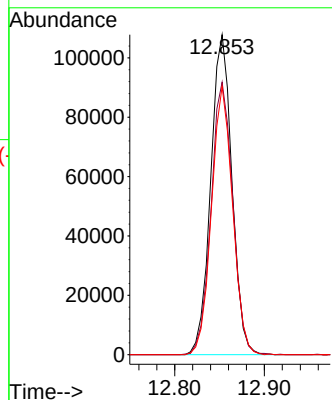
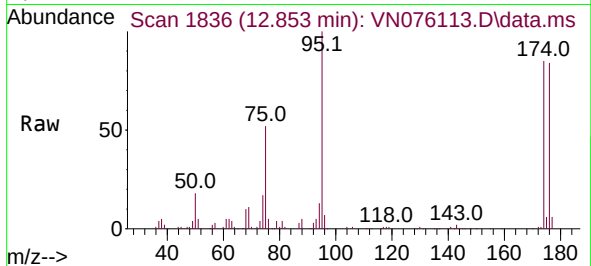




#62
4-Bromofluorobenzene
Concen: 46.609 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

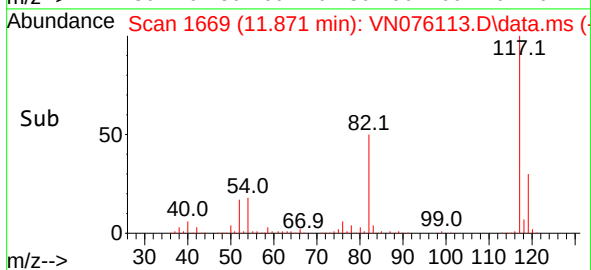
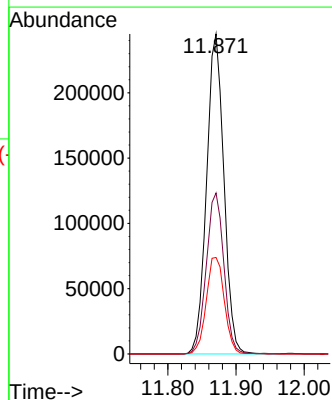
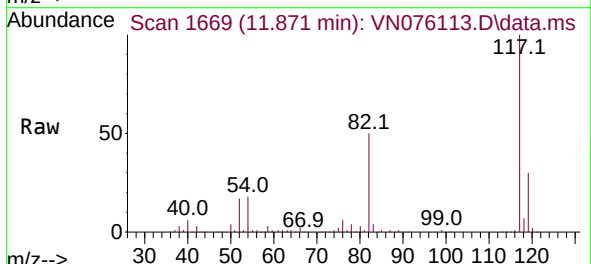
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

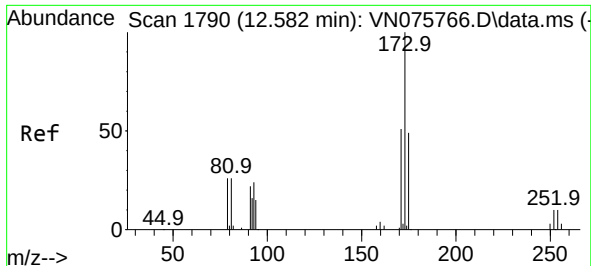
Tgt Ion: 95 Resp: 177143
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.6
176 83.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

Tgt Ion: 117 Resp: 433007
Ion Ratio Lower Upper
117 100
82 50.3 41.3 61.9
119 30.1 24.6 37.0

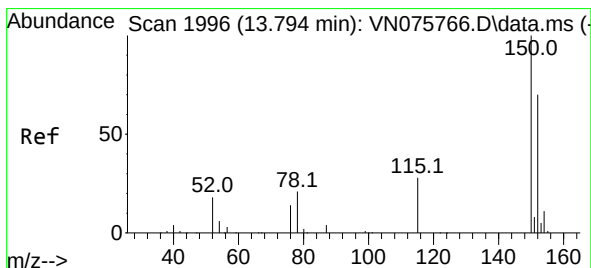
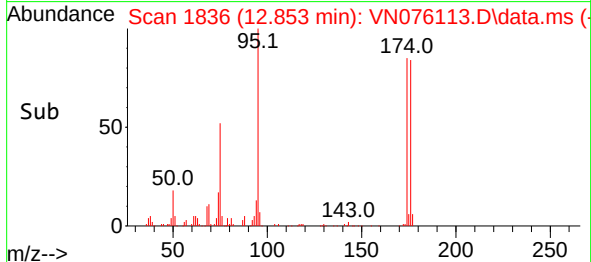
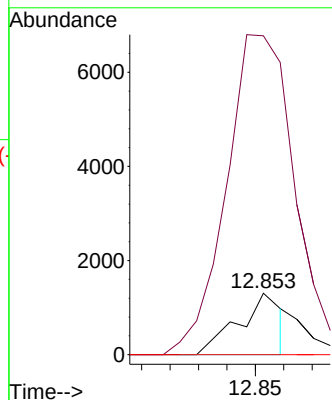
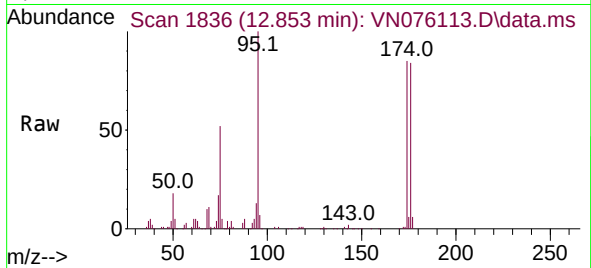




#71
Bromoform
Concen: 0.577 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

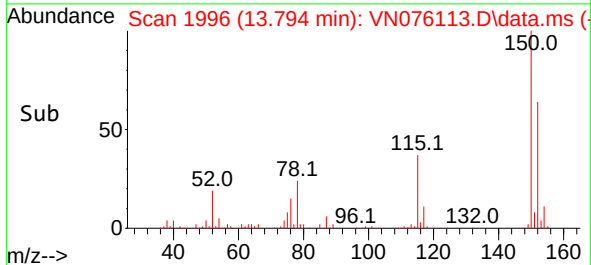
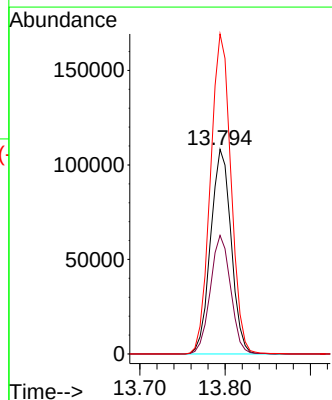
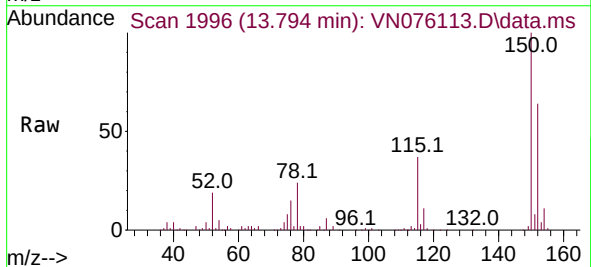
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

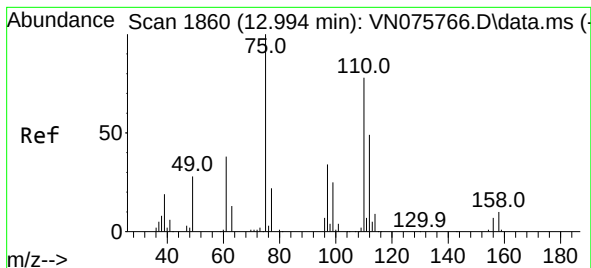
Tgt Ion:173 Resp: 1381
Ion Ratio Lower Upper
173 100
175 683.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

Tgt Ion:152 Resp: 180942
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.4
150 156.7 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 24.835 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076113.D

Acq: 05 Jan 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

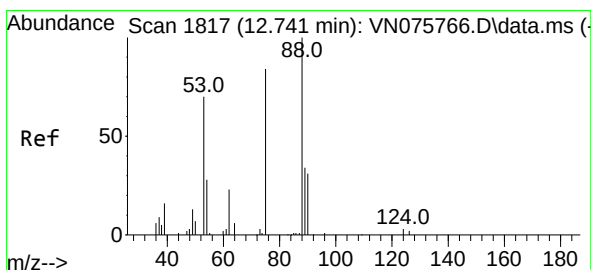
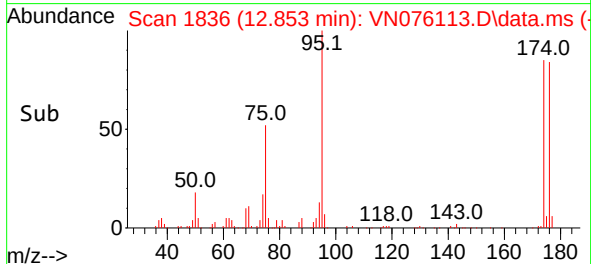
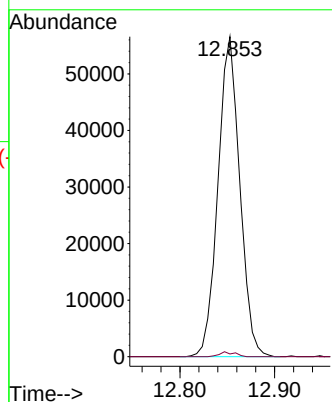
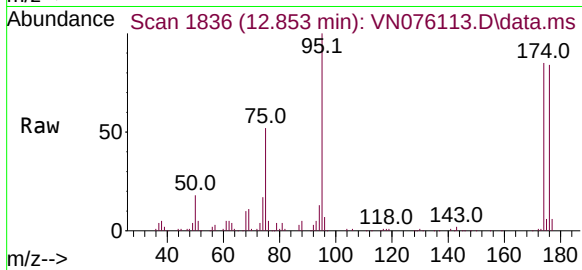
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 90581

Ion Ratio Lower Upper

75 100

77 1.1 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.393 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076113.D

Acq: 05 Jan 2023 16:03

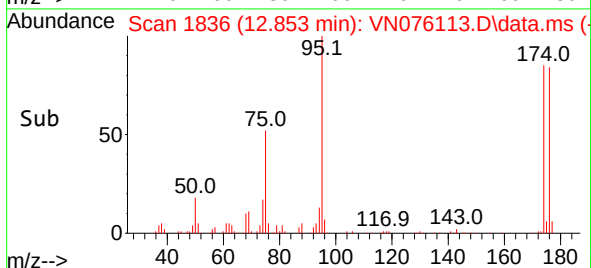
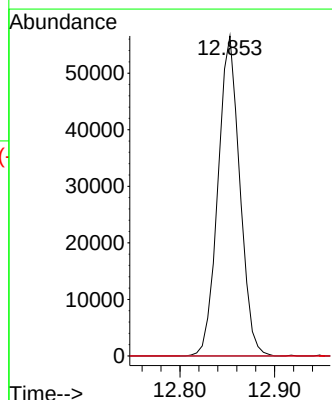
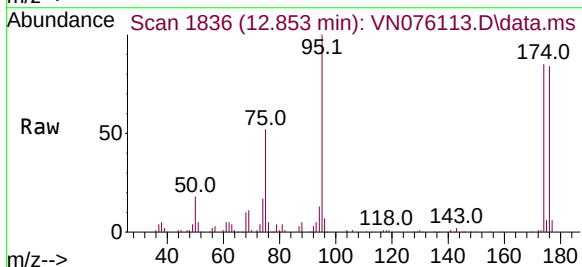
Tgt Ion: 75 Resp: 90581

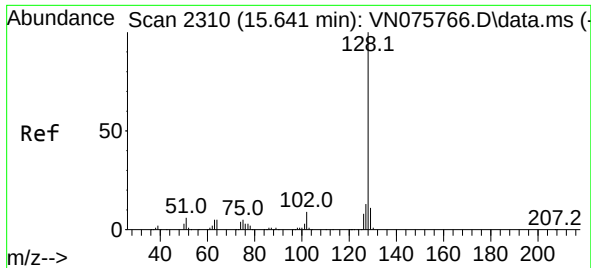
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.292 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076113.D
Acq: 05 Jan 2023 16:03

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:128 Resp: 1183
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

