

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076933.D
 Acq On : 10 Mar 2023 18:49
 Operator : JC\MD
 Sample : 01871-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Mar 13 01:22:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

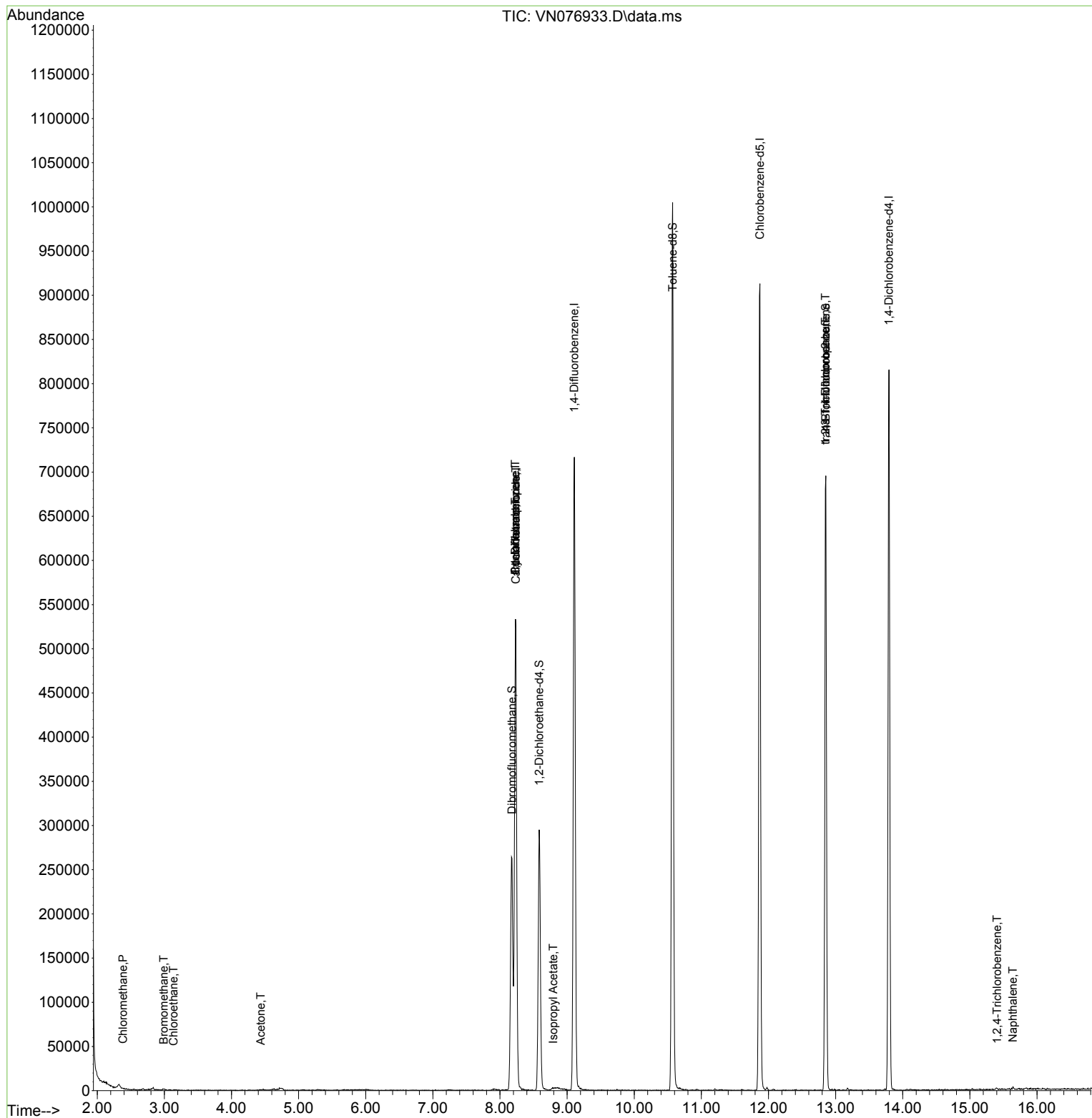
Internal Standards						
1) Pentafluorobenzene	8.231	168	368132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	602822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	529859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	217768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	261349	47.574	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.140%		
35) Dibromofluoromethane	8.178	113	191786	47.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.480%		
50) Toluene-d8	10.572	98	703472	47.510	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.020%		
62) 4-Bromofluorobenzene	12.854	95	252109	46.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds						Qvalue
3) Chloromethane	2.384	50	795	0.222	ug/l #	40
5) Bromomethane	2.990	94	915	0.373	ug/l #	52
6) Chloroethane	3.137	64	495	0.234	ug/l #	42
16) Acetone	4.437	43	423	0.222	ug/l #	40
31) Cyclohexane	8.231	56	7728	0.980	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	30934	4.978	ug/l #	50
38) Carbon Tetrachloride	8.236	117	41677	5.731	ug/l #	17
43) Isopropyl Acetate	8.795	43	2076	0.237	ug/l #	48
76) 1,2,3-Trichloropropane	12.848	75	139391	26.402	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	139391	86.241	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.407	180	1058	0.240	ug/l	65
95) Naphthalene	15.642	128	2685	0.204	ug/l #	87

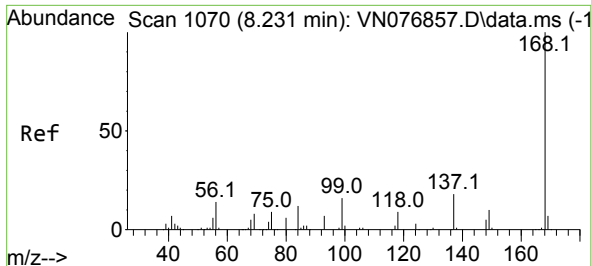
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

Quant Time: Mar 13 01:22:46 2023
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Quant Title : SW846 8260
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Response via : Initial Calibration

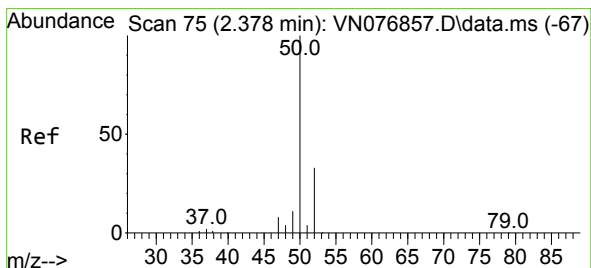
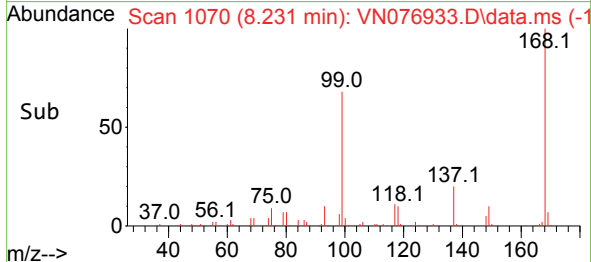
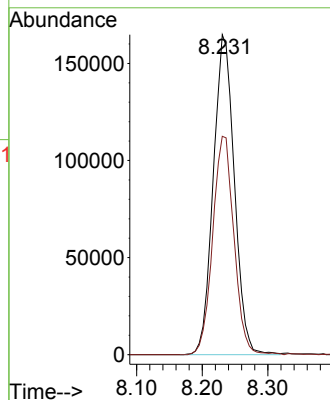
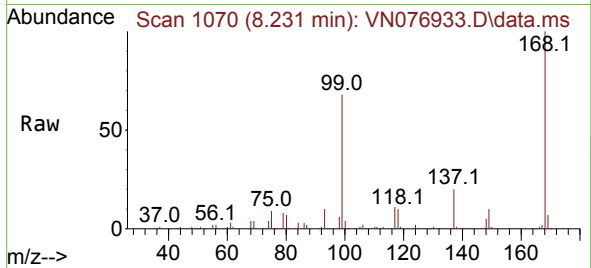




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

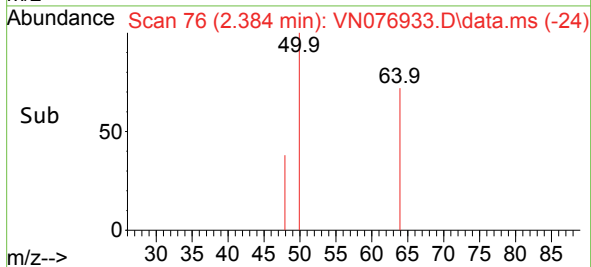
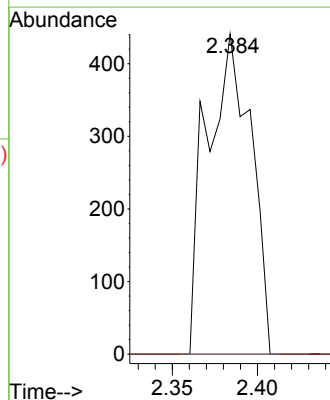
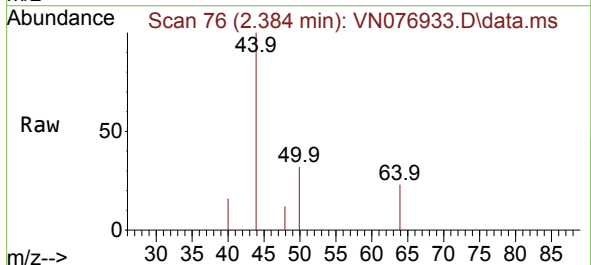
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

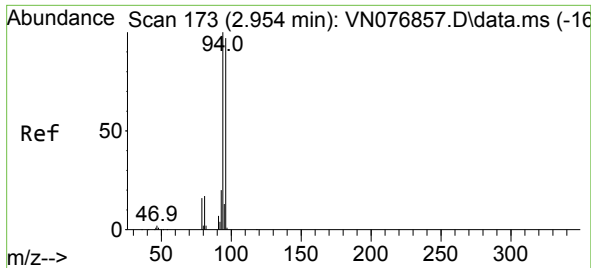
Tgt Ion:168 Resp: 368132
Ion Ratio Lower Upper
168 100
99 68.3 48.6 73.0



#3
Chloromethane
Concen: 0.222 ug/l
RT: 2.384 min Scan# 76
Delta R.T. 0.006 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

Tgt Ion: 50 Resp: 795
Ion Ratio Lower Upper
50 100
52 0.0 27.9 41.9#

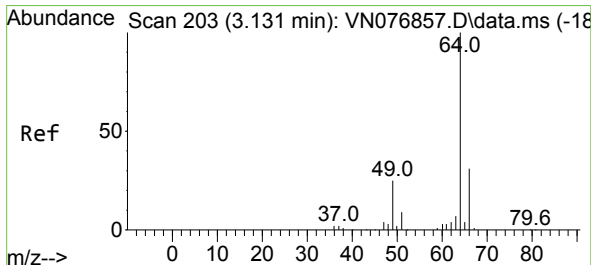
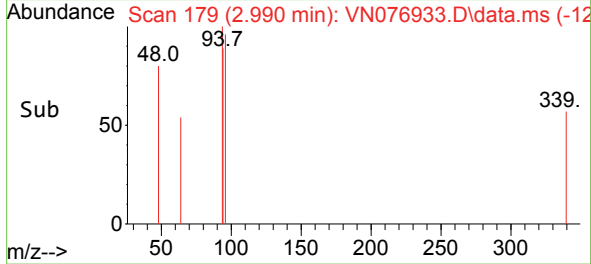
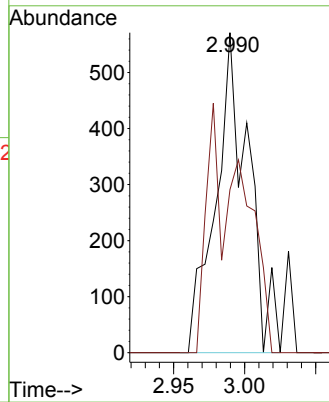
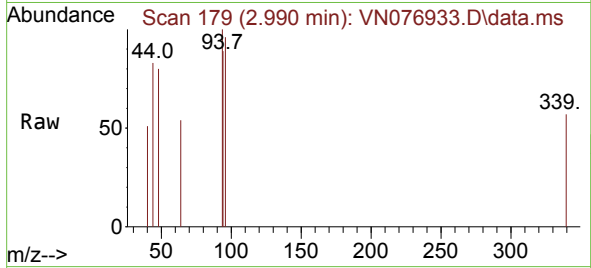




#5
Bromomethane
Concen: 0.373 ug/l
RT: 2.990 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

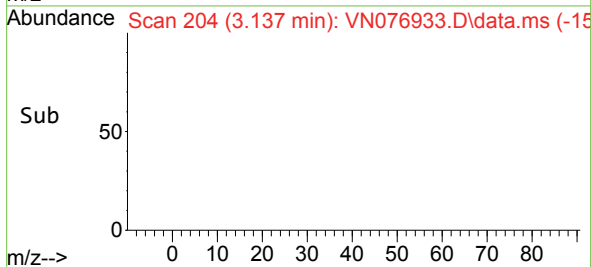
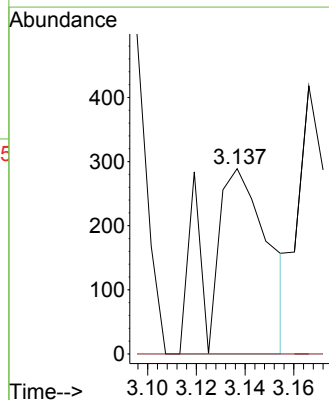
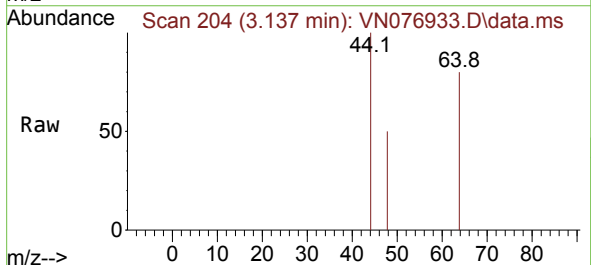
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

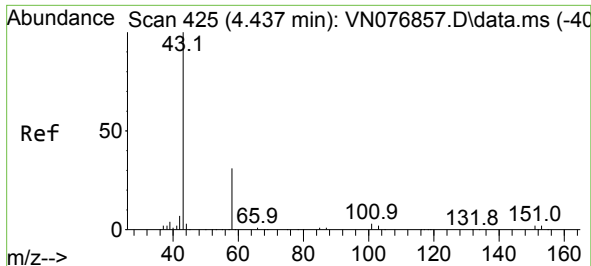
Tgt Ion: 94 Resp: 915
Ion Ratio Lower Upper
94 100
96 51.0 79.0 118.6#



#6
Chloroethane
Concen: 0.234 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

Tgt Ion: 64 Resp: 495
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

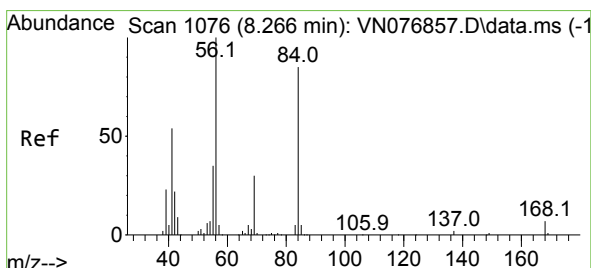
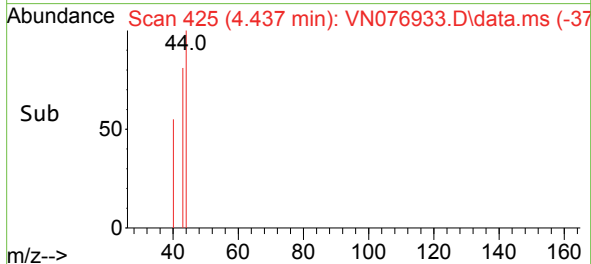
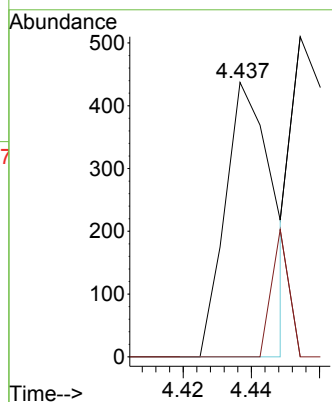
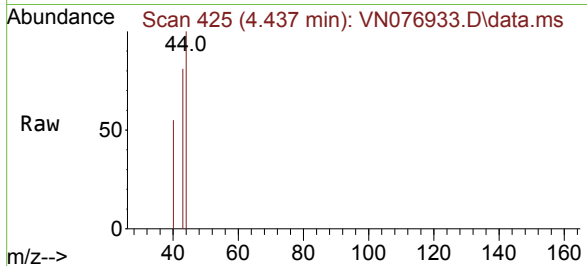




#16
Acetone
Concen: 0.222 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

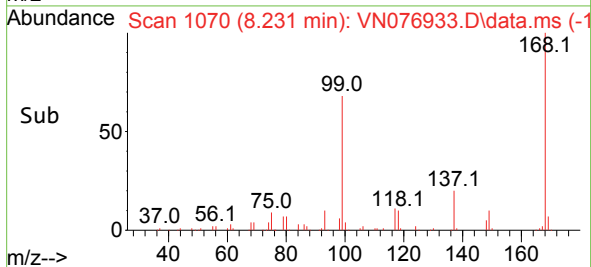
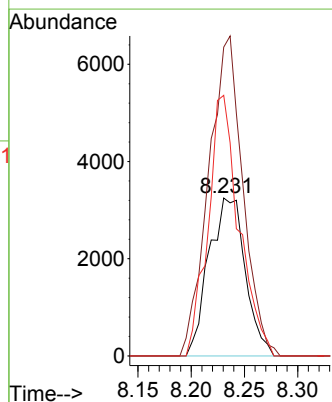
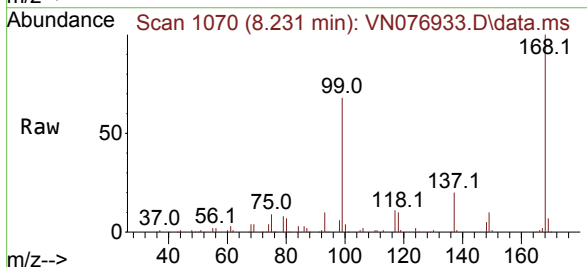
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

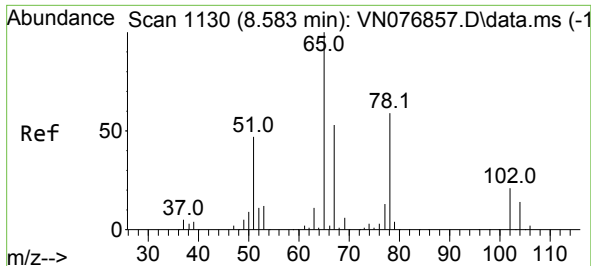
Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#31
Cyclohexane
Concen: 0.980 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.035 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

Tgt Ion: 56 Resp: 7728
Ion Ratio Lower Upper
56 100
69 195.5 27.0 40.6#
84 165.0 82.9 124.3#





#33

1,2-Dichloroethane-d4

Concen: 47.574 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076933.D

Acq: 10 Mar 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

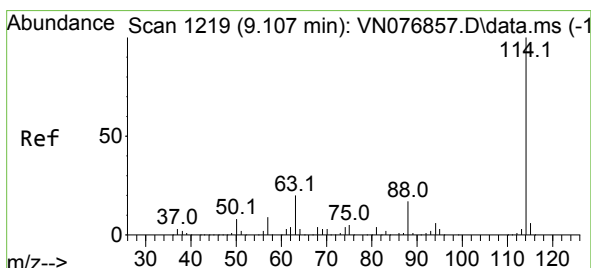
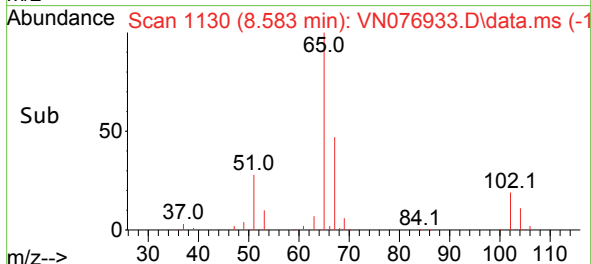
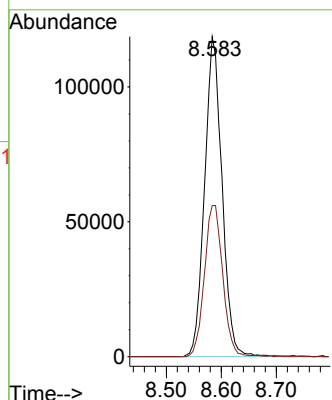
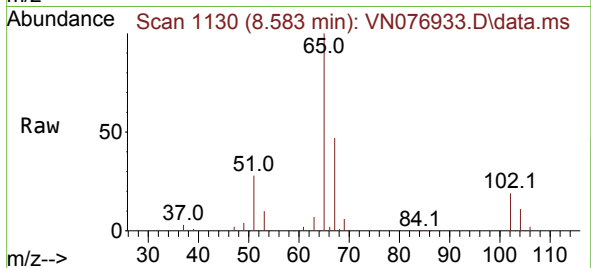
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 261349

Ion Ratio Lower Upper

65 100

67 49.8 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076933.D

Acq: 10 Mar 2023 18:49

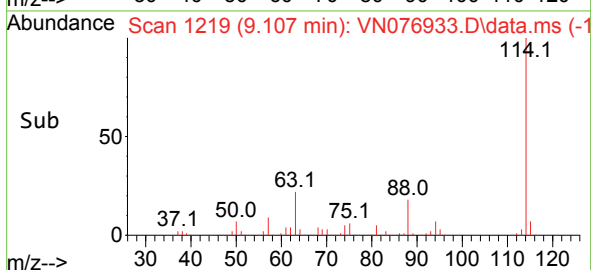
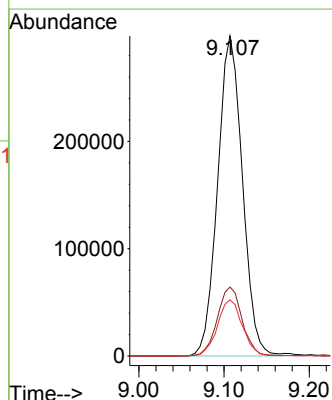
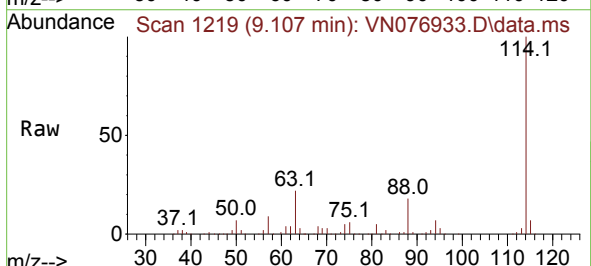
Tgt Ion: 114 Resp: 602822

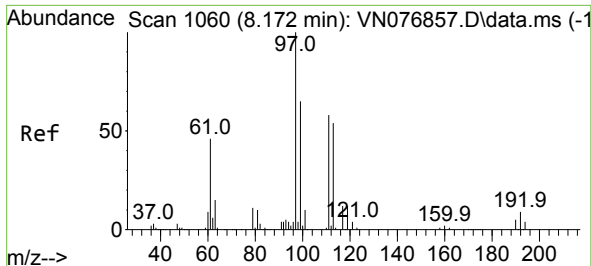
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.6

88 17.6 0.0 28.6

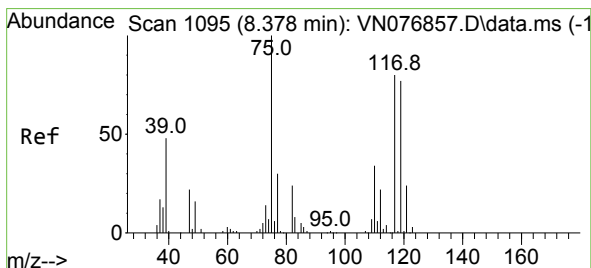
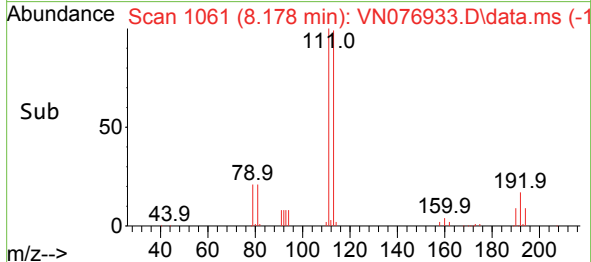
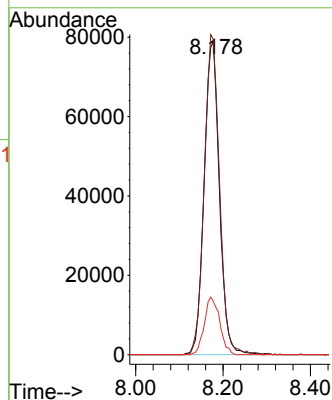
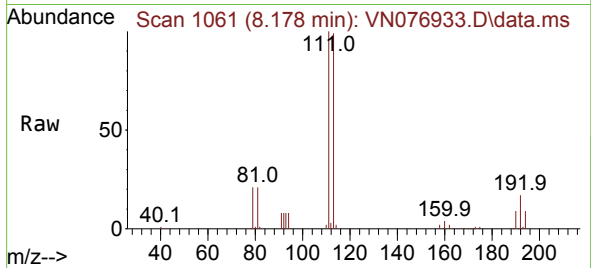




#35
Dibromofluoromethane
Concen: 47.736 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

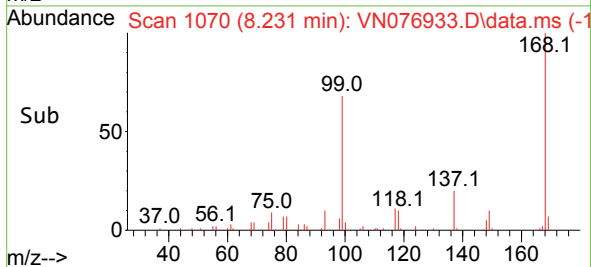
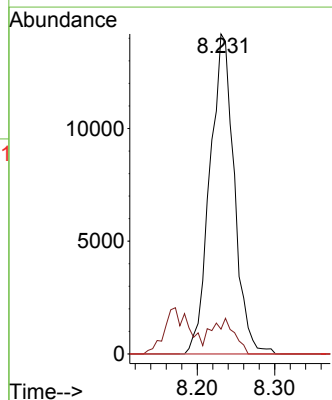
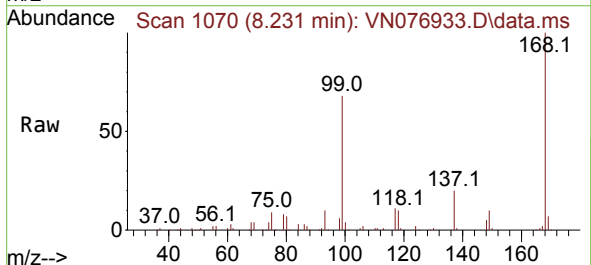
Instrument :
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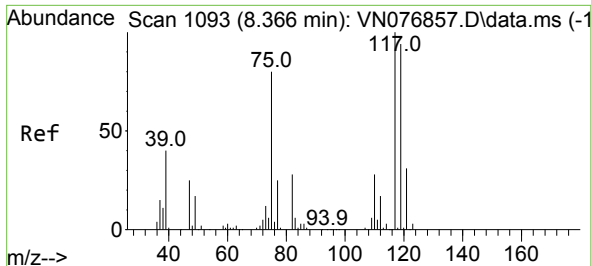
Tgt Ion:113 Resp: 191786
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 18.5 13.9 20.9



#36
1,1-Dichloropropene
Concen: 4.978 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

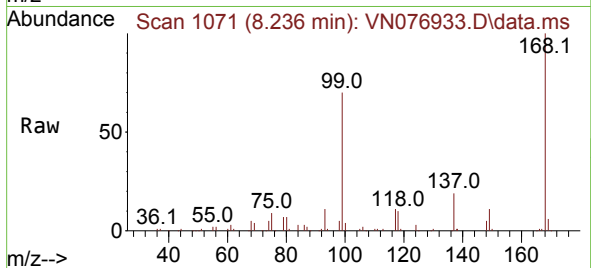
Tgt Ion: 75 Resp: 30934
Ion Ratio Lower Upper
75 100
110 10.5 18.9 56.9#
77 0.0 24.9 37.3#



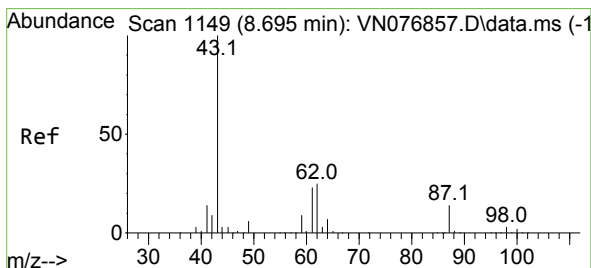
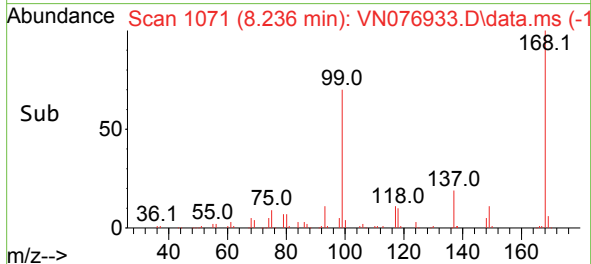
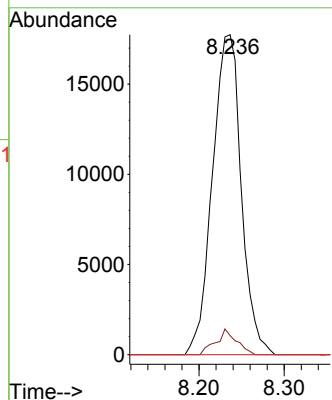


#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 8.236 min Scan# 1166
Delta R.T. -0.135 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

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

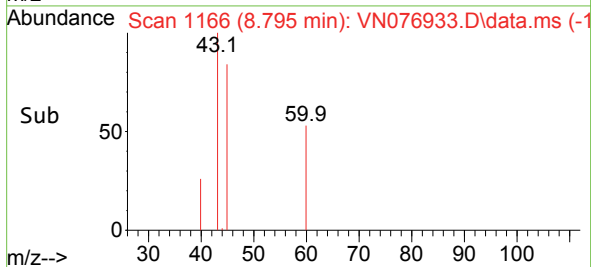
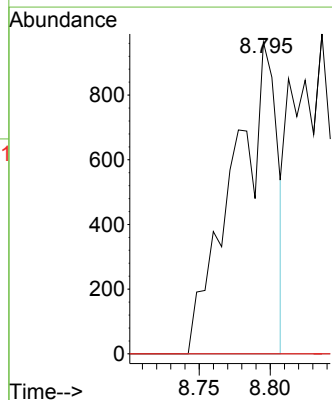
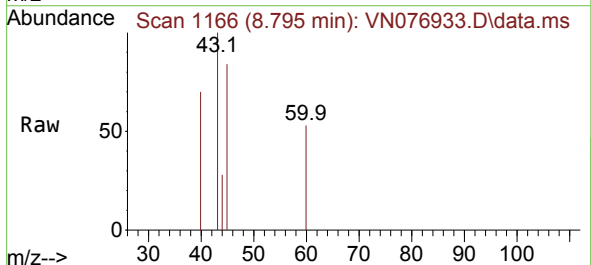


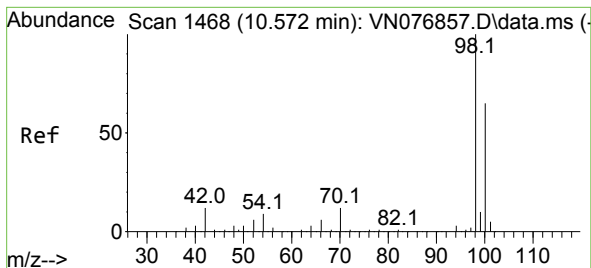
Tgt Ion:117 Resp: 41677
Ion Ratio Lower Upper
117 100
119 6.0 76.9 115.3#
121 0.0 23.2 34.8#



#43
Isopropyl Acetate
Concen: 0.237 ug/l
RT: 8.795 min Scan# 1166
Delta R.T. 0.100 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
61 0.0 26.2 39.2#
87 0.0 14.8 22.2#

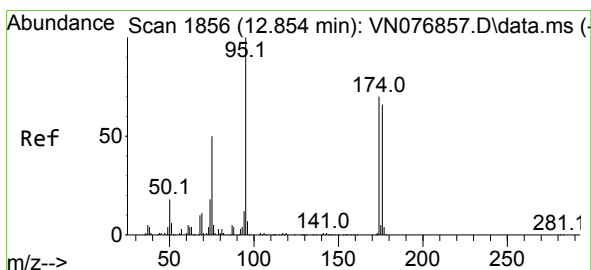
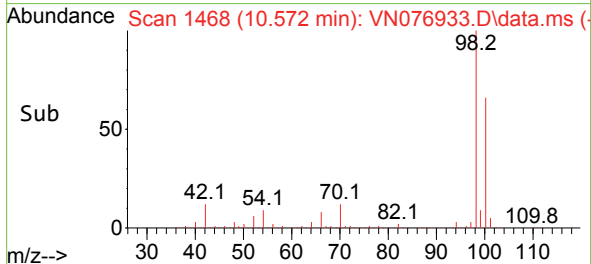
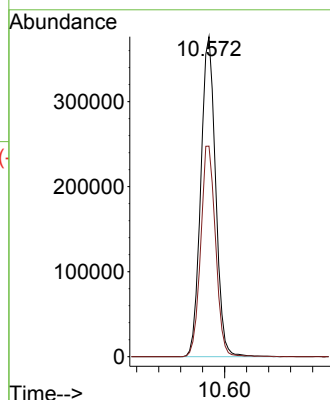
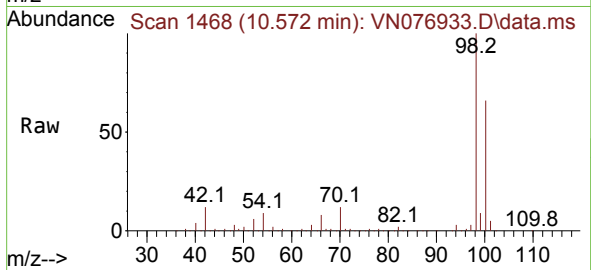




#50
Toluene-d8
Concen: 47.510 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

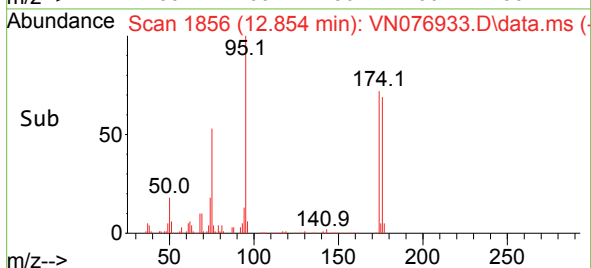
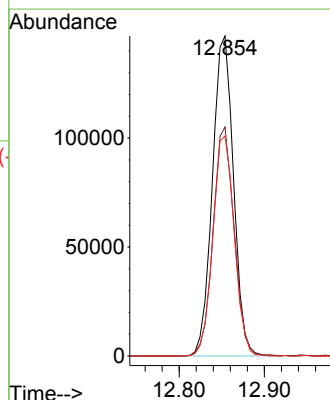
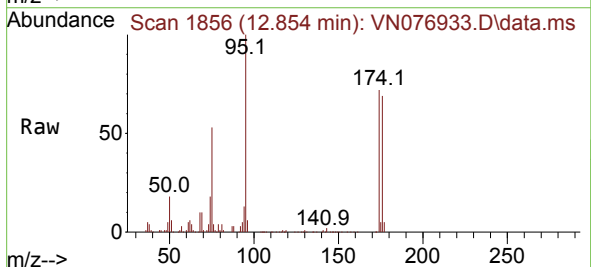
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

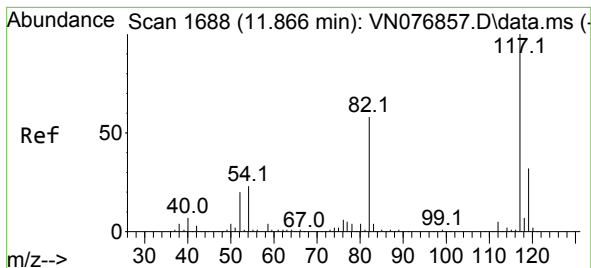
Tgt Ion: 98 Resp: 703472
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.550 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

Tgt Ion: 95 Resp: 252109
Ion Ratio Lower Upper
95 100
174 71.7 0.0 162.4
176 69.6 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076933.D

Acq: 10 Mar 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

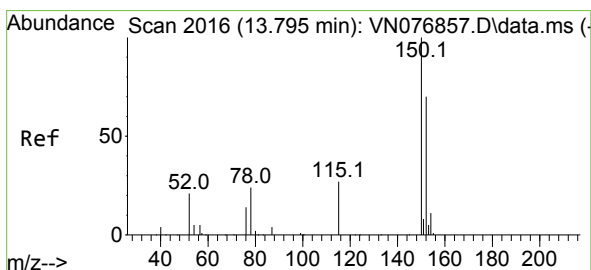
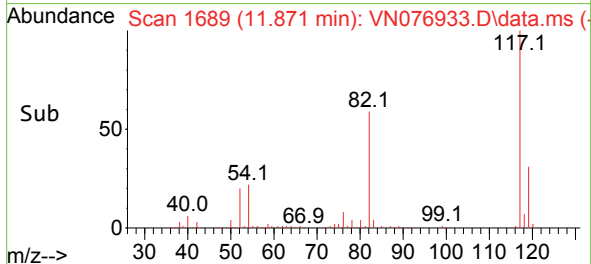
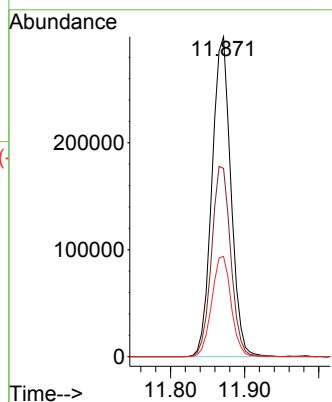
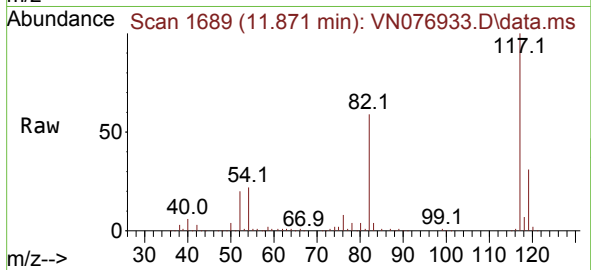
Tgt Ion:117 Resp: 529859

Ion Ratio Lower Upper

117 100

82 58.8 43.5 65.3

119 31.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076933.D

Acq: 10 Mar 2023 18:49

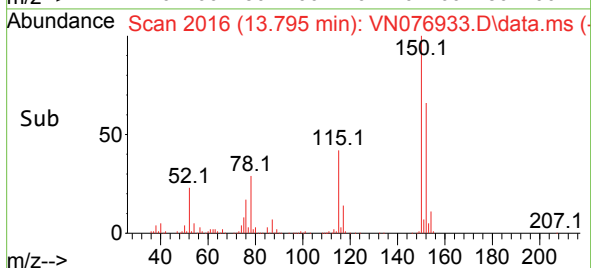
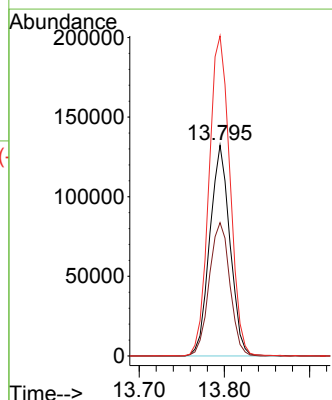
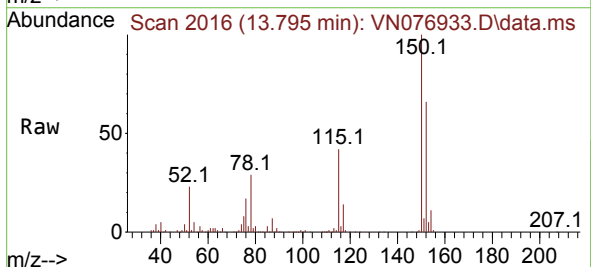
Tgt Ion:152 Resp: 217768

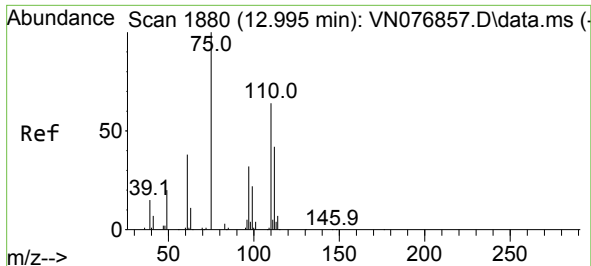
Ion Ratio Lower Upper

152 100

115 64.7 30.3 90.9

150 157.4 0.0 353.6

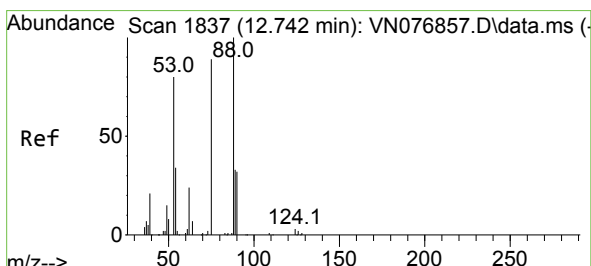
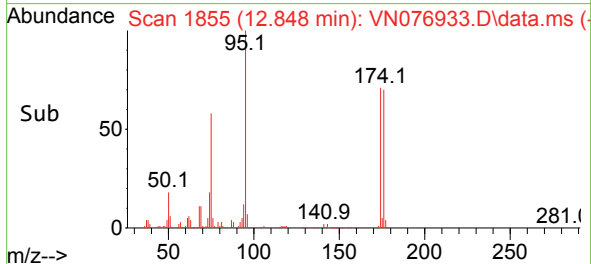
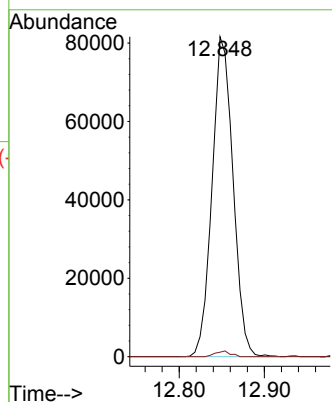
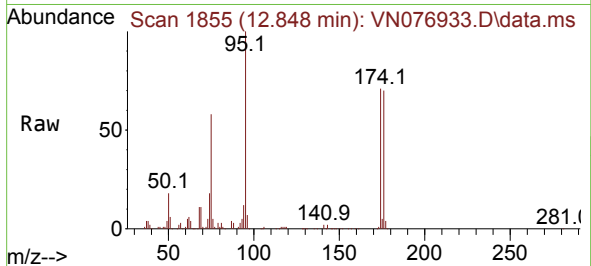




#76
1,2,3-Trichloropropane
Concen: 26.402 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

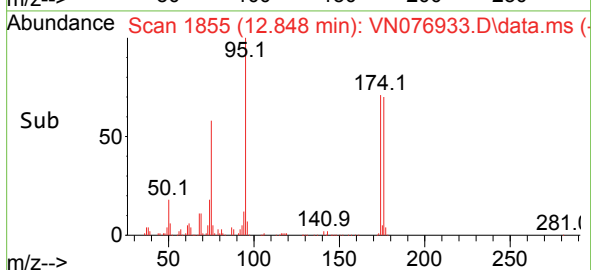
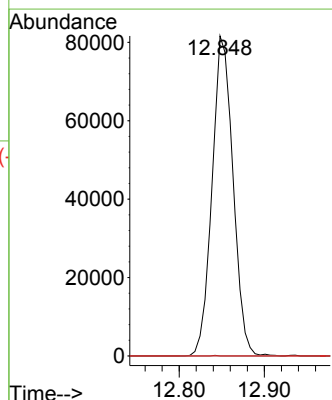
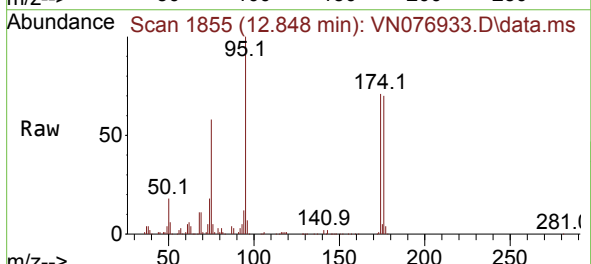
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

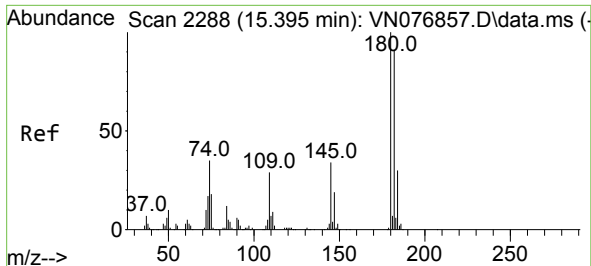
Tgt Ion: 75 Resp: 139391
Ion Ratio Lower Upper
75 100
77 1.3 93.8 281.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.241 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

Tgt Ion: 75 Resp: 139391
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.240 ug/l

RT: 15.407 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN076933.D

Acq: 10 Mar 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

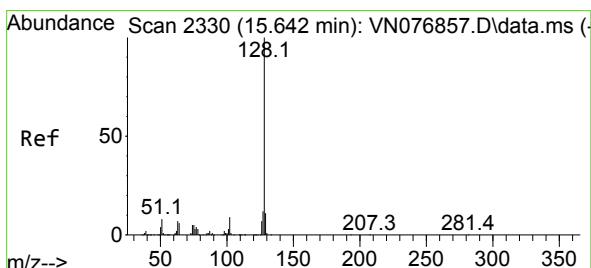
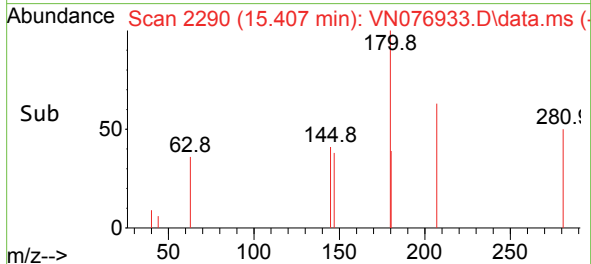
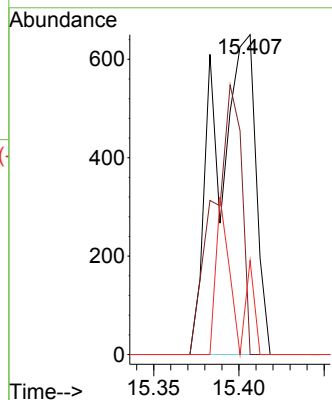
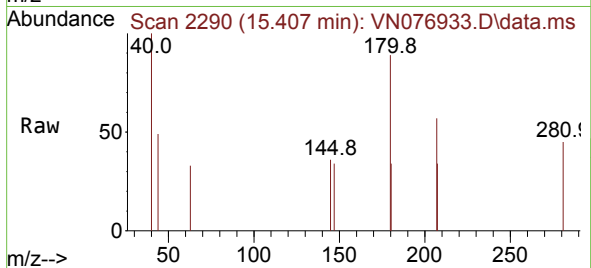
Tgt Ion:180 Resp: 1058

Ion Ratio Lower Upper

180 100

182 59.1 47.4 142.2

145 16.2 15.8 47.3



#95

Naphthalene

Concen: 0.204 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076933.D

Acq: 10 Mar 2023 18:49

Tgt Ion:128 Resp: 2685

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.4

129 2.0 8.9 13.3#

