

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076934.D
 Acq On : 10 Mar 2023 19:13
 Operator : JC\MD
 Sample : 01871-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Mar 13 01:23:09 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)

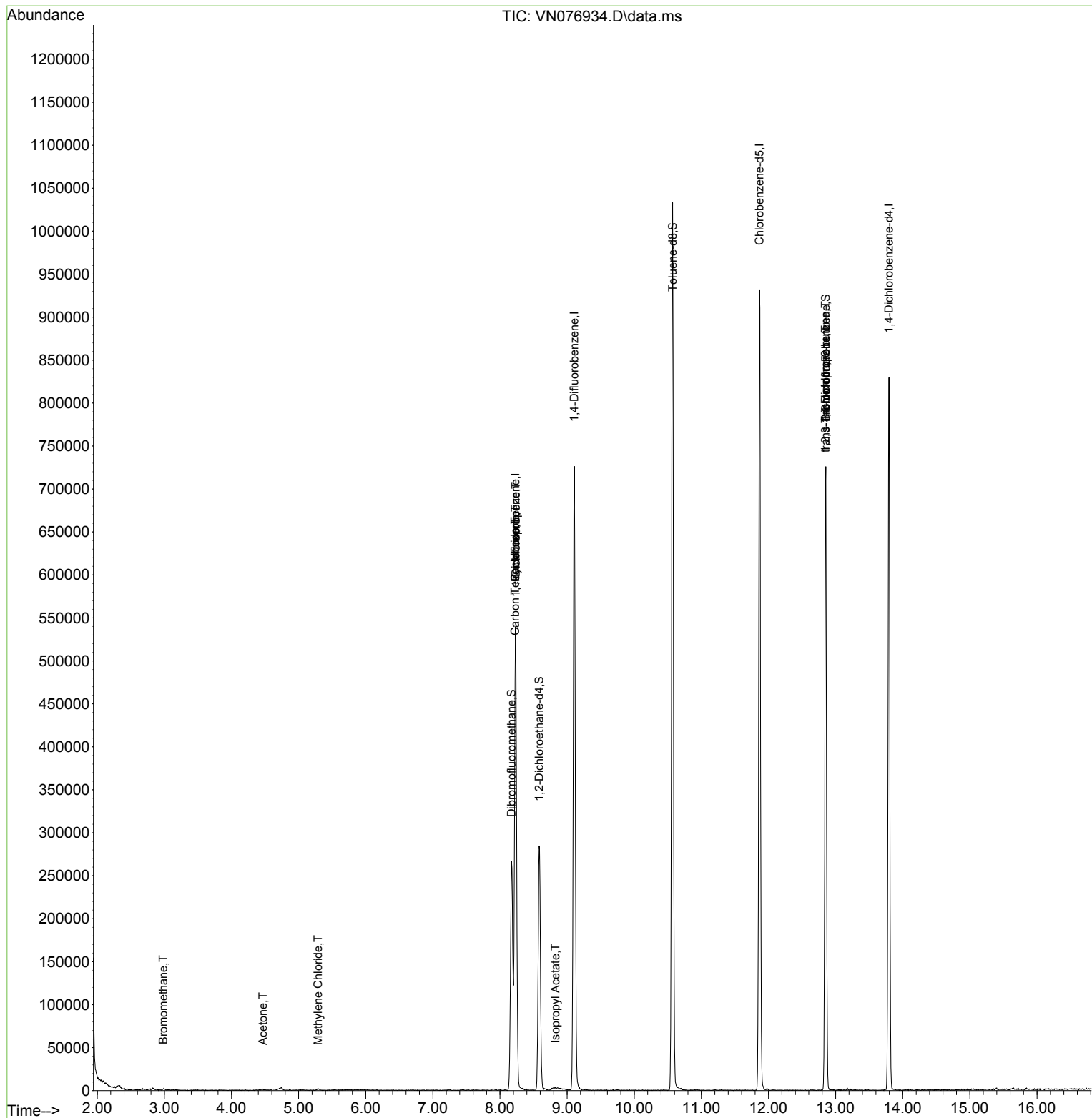
Internal Standards						
1) Pentafluorobenzene	8.231	168	374306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	605604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	536714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	223427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	258674	46.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.620%		
35) Dibromofluoromethane	8.172	113	188025	46.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.180%		
50) Toluene-d8	10.572	98	720526	48.438	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.880%		
62) 4-Bromofluorobenzene	12.854	95	256575	47.157	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.320%		
Target Compounds						Qvalue
5) Bromomethane	2.984	94	893	0.358	ug/l	87
16) Acetone	4.466	43	1402	0.724	ug/l #	40
20) Methylene Chloride	5.290	84	1249	0.251	ug/l #	46
31) Cyclohexane	8.231	56	8788	1.097	ug/l #	42
36) 1,1-Dichloropropene	8.236	75	32386	5.188	ug/l #	49
38) Carbon Tetrachloride	8.225	117	42753	5.852	ug/l #	14
43) Isopropyl Acetate	8.825	43	4229	0.480	ug/l #	48
71) Bromoform	12.854	173	1424	0.419	ug/l #	1
76) 1,2,3-Trichloropropane	12.848	75	138811	25.626	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	138811	83.707	ug/l #	15

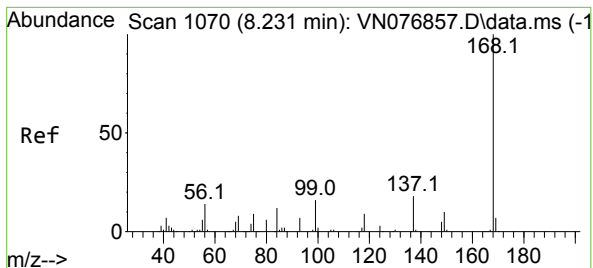
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
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Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076934.D

Acq: 10 Mar 2023 19:13

Instrument :

MSVOA_N

ClientSampleId :

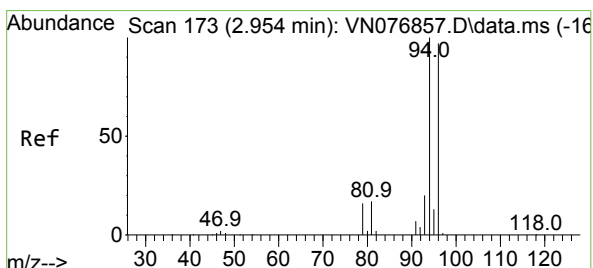
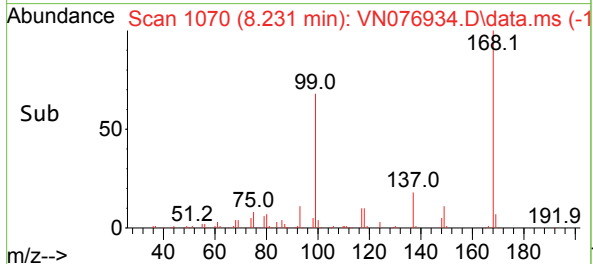
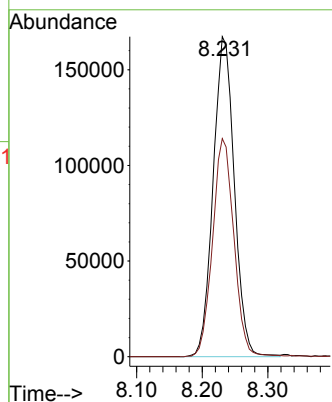
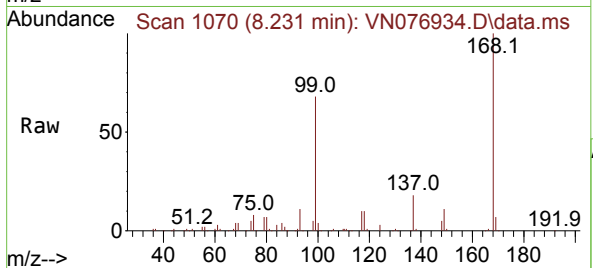
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 374306

Ion Ratio Lower Upper

168 100

99 68.2 48.6 73.0



#5

Bromomethane

Concen: 0.358 ug/l

RT: 2.984 min Scan# 178

Delta R.T. 0.029 min

Lab File: VN076934.D

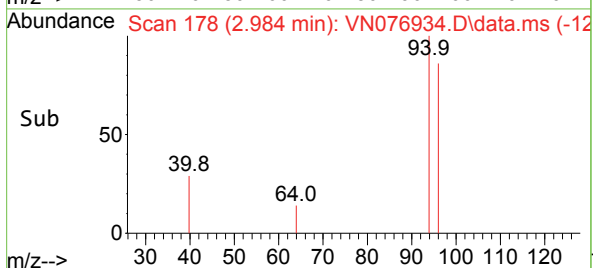
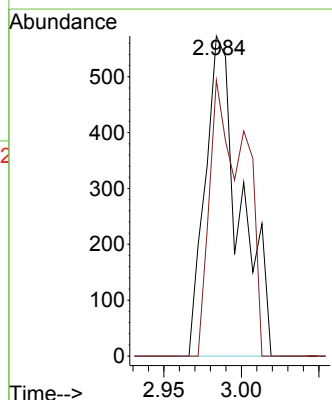
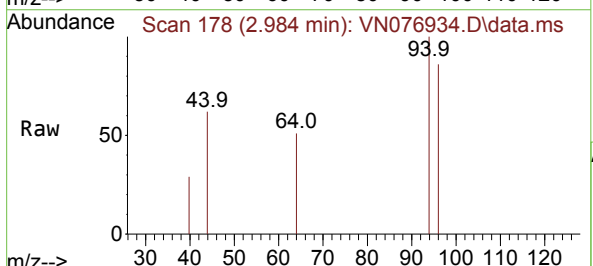
Acq: 10 Mar 2023 19:13

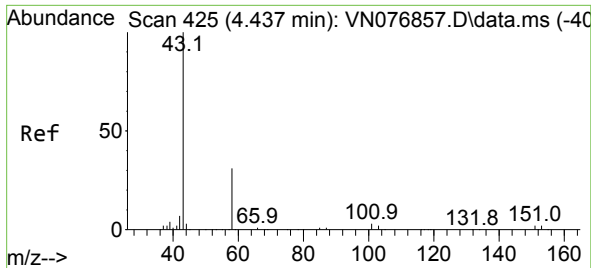
Tgt Ion: 94 Resp: 893

Ion Ratio Lower Upper

94 100

96 86.2 79.0 118.6

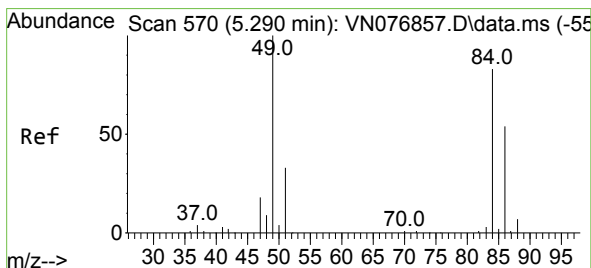
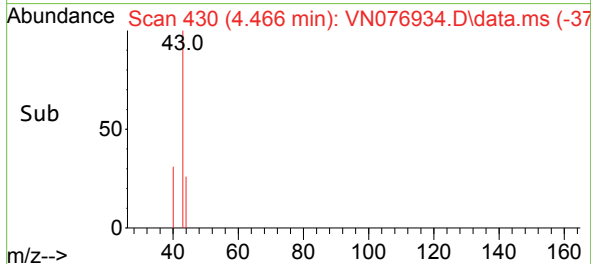
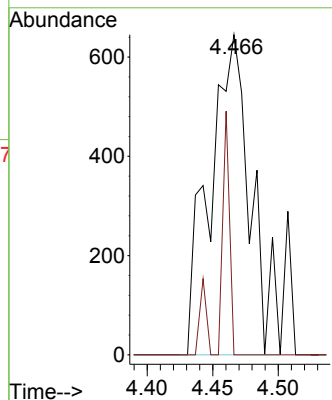
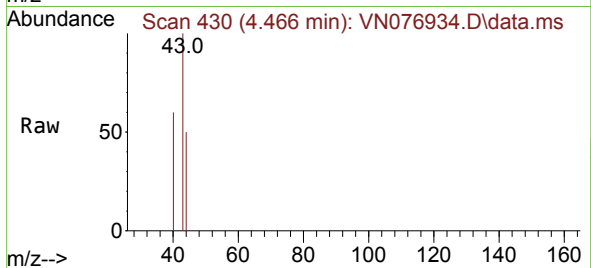




#16
Acetone
Concen: 0.724 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

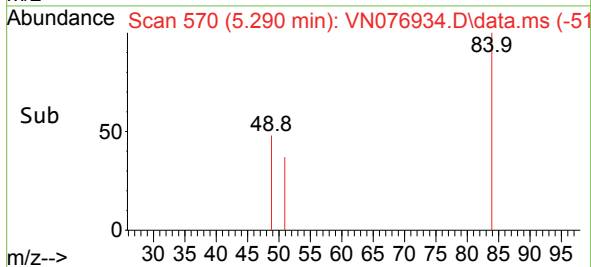
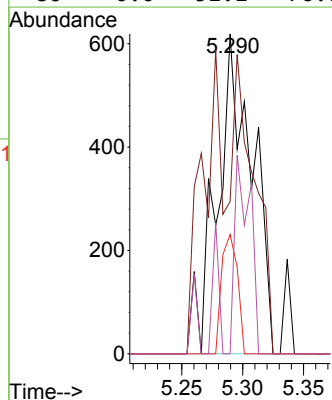
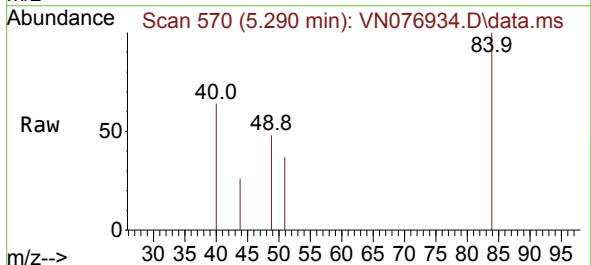
Instrument :
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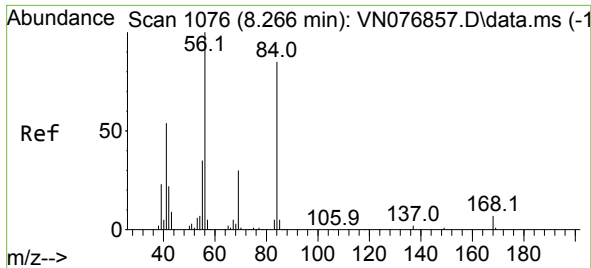
Tgt Ion: 43 Resp: 1402
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

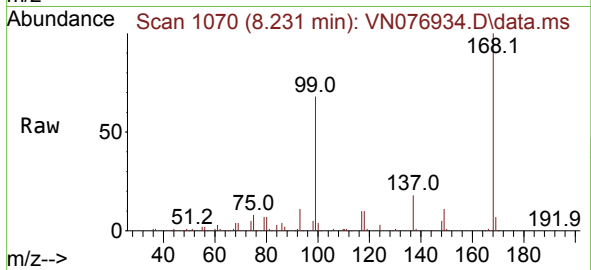
Tgt Ion: 84 Resp: 1249
Ion Ratio Lower Upper
84 100
49 47.7 76.6 114.8#
51 37.3 25.4 38.2
86 0.0 51.1 76.7#



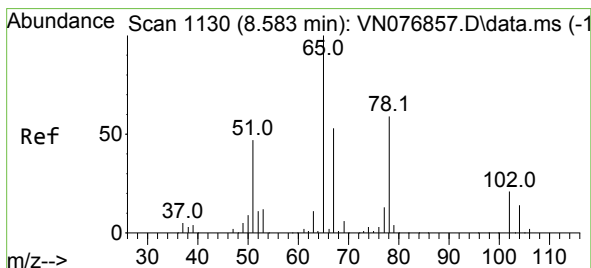
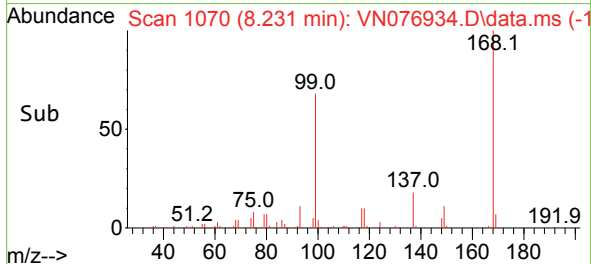
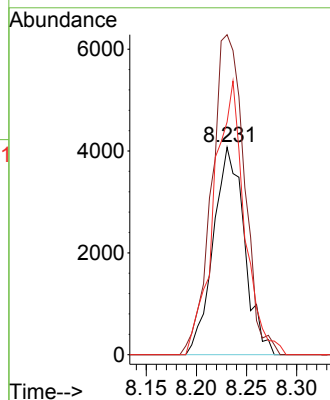


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 8.231 min Scan# 1076
Delta R.T. -0.035 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

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

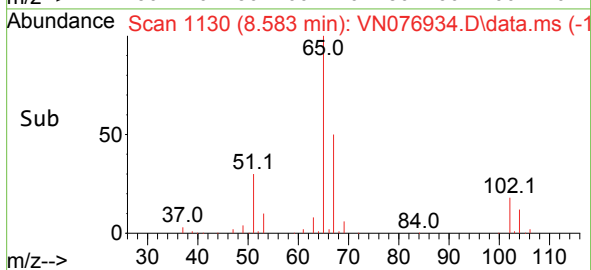
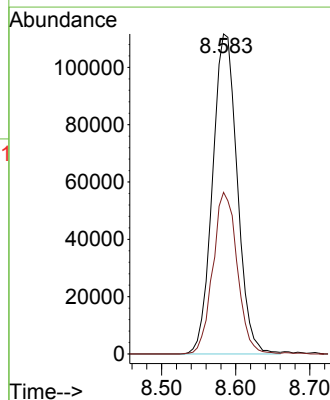
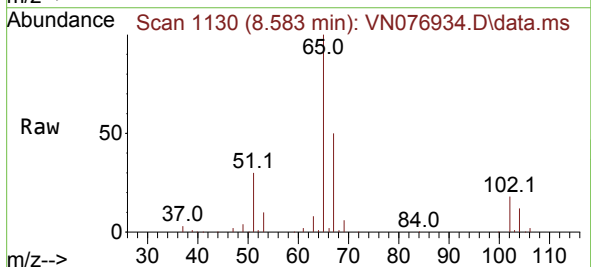


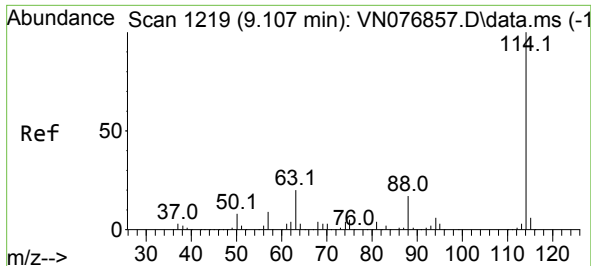
Tgt Ion: 56 Resp: 8788
Ion Ratio Lower Upper
56 100
69 154.3 27.0 40.6#
84 112.2 82.9 124.3



#33
1,2-Dichloroethane-d4
Concen: 46.310 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

Tgt Ion: 65 Resp: 258674
Ion Ratio Lower Upper
65 100
67 49.8 0.0 107.2

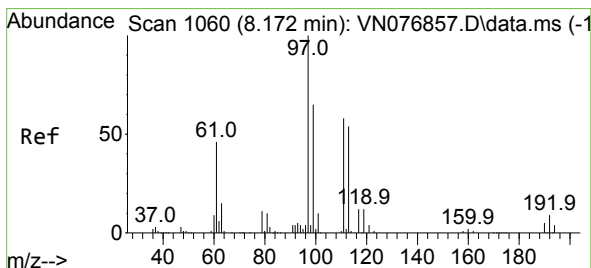
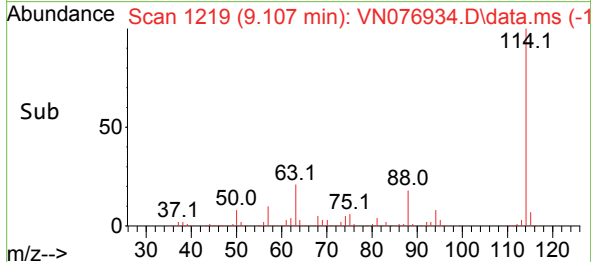
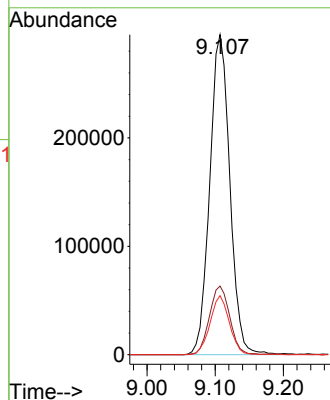
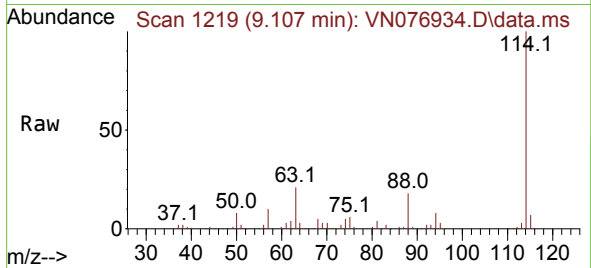




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

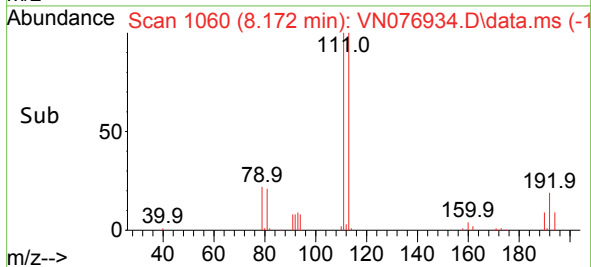
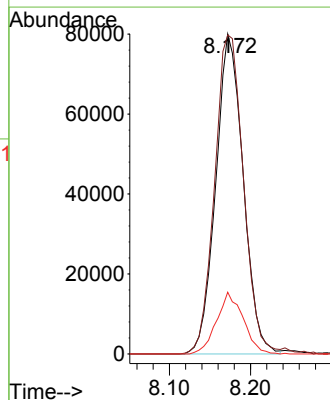
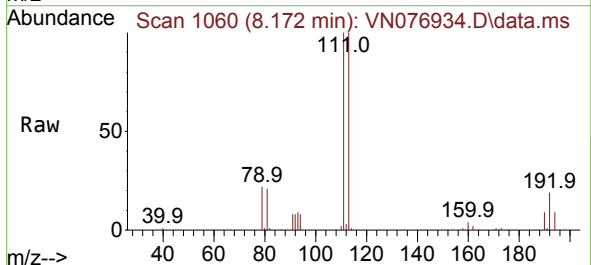
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

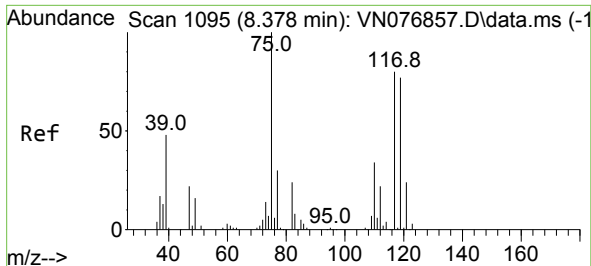
Tgt Ion:114 Resp: 605604
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.6
88 18.4 0.0 28.6



#35
Dibromofluoromethane
Concen: 46.585 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

Tgt Ion:113 Resp: 188025
Ion Ratio Lower Upper
113 100
111 105.0 81.8 122.8
192 18.7 13.9 20.9





#36

1,1-Dichloropropene

Concen: 5.188 ug/l

RT: 8.236 min Scan# 1071

Delta R.T. -0.141 min

Lab File: VN076934.D

Acq: 10 Mar 2023 19:13

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

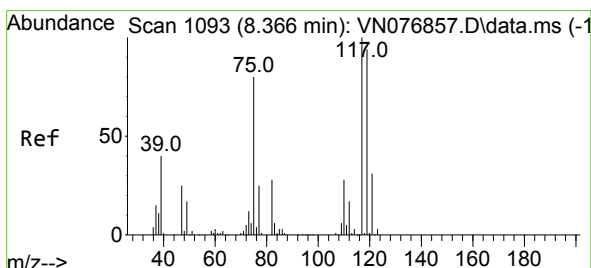
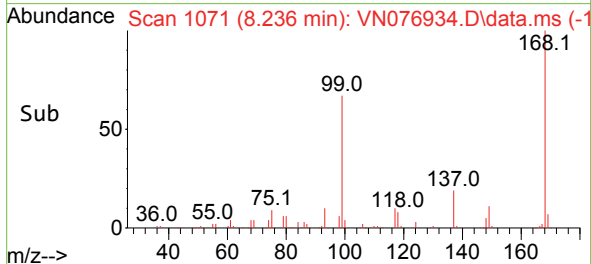
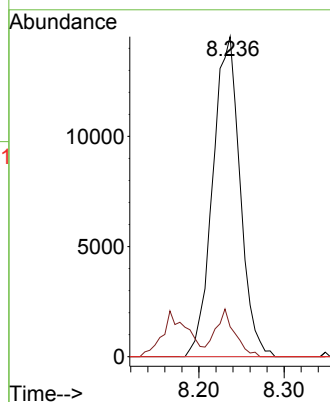
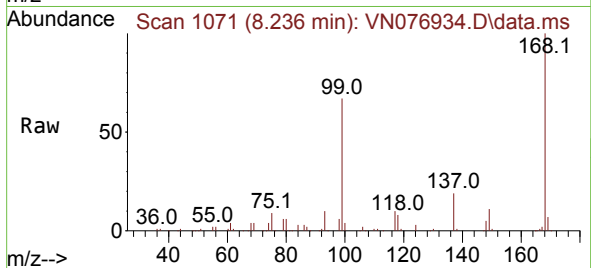
Tgt Ion: 75 Resp: 32386

Ion Ratio Lower Upper

75 100

110 10.4 18.9 56.9#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.852 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.147 min

Lab File: VN076934.D

Acq: 10 Mar 2023 19:13

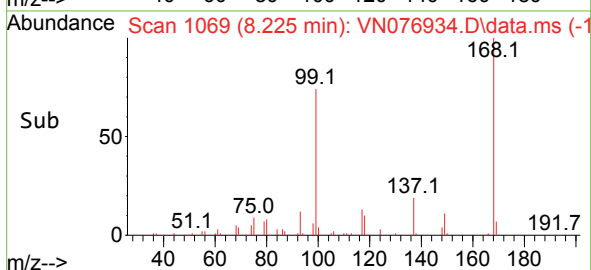
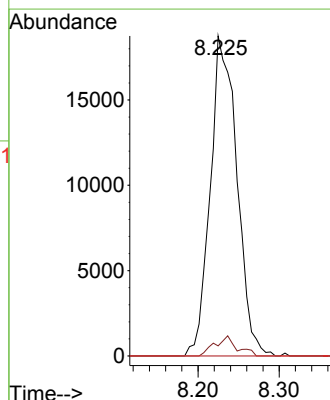
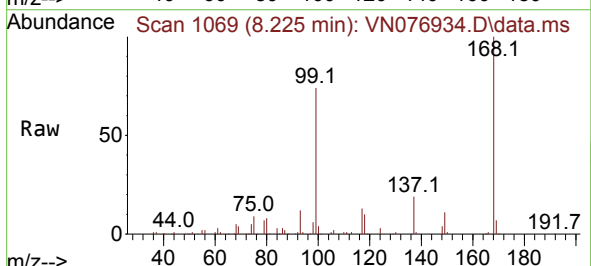
Tgt Ion: 117 Resp: 42753

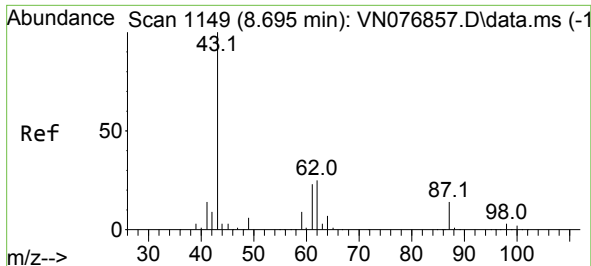
Ion Ratio Lower Upper

117 100

119 3.2 76.9 115.3#

121 0.0 23.2 34.8#





#43

Isopropyl Acetate

Concen: 0.480 ug/l

RT: 8.825 min Scan# 1171

Delta R.T. 0.129 min

Lab File: VN076934.D

Acq: 10 Mar 2023 19:13

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

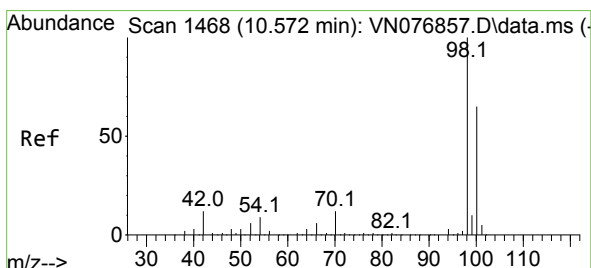
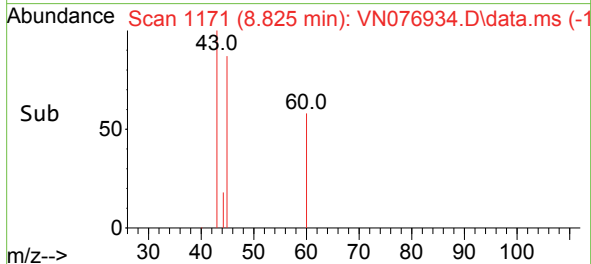
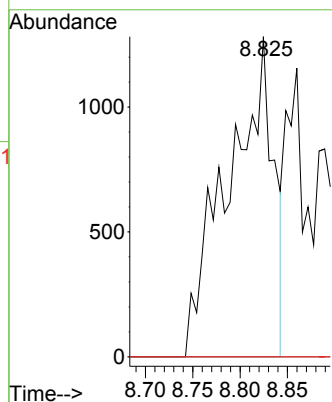
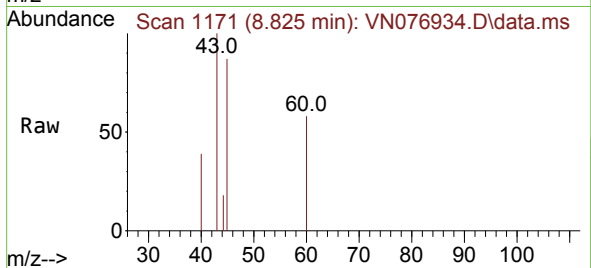
Tgt Ion: 43 Resp: 4229

Ion Ratio Lower Upper

43 100

61 0.0 26.2 39.2#

87 0.0 14.8 22.2#



#50

Toluene-d8

Concen: 48.438 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076934.D

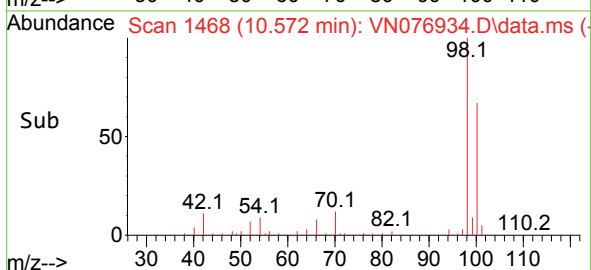
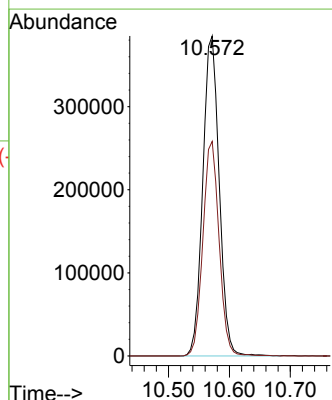
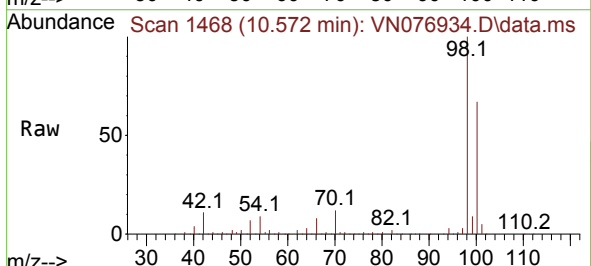
Acq: 10 Mar 2023 19:13

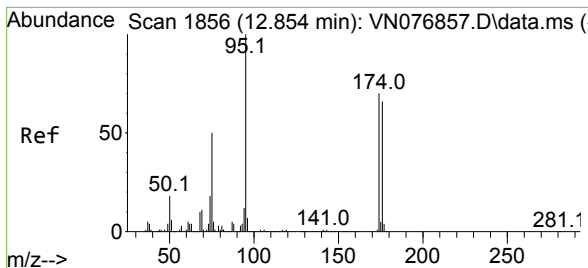
Tgt Ion: 98 Resp: 720526

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2

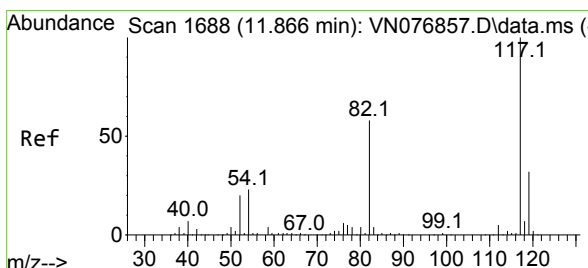
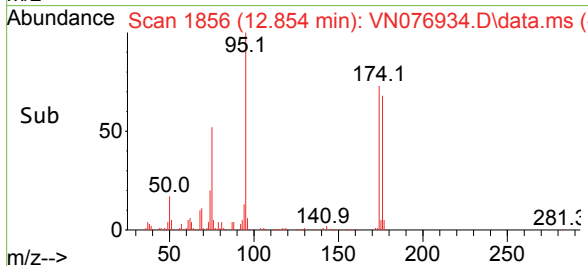
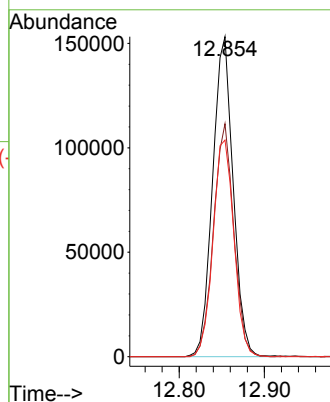
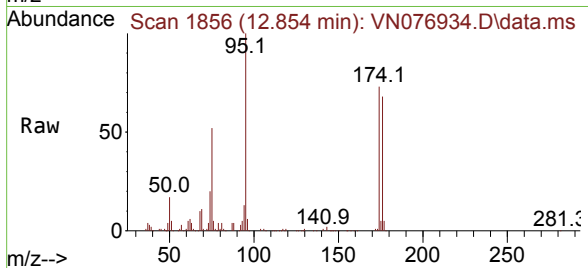




#62
4-Bromofluorobenzene
Concen: 47.157 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

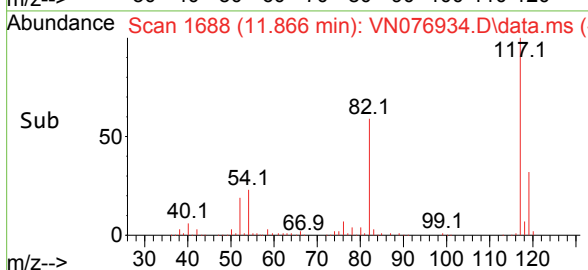
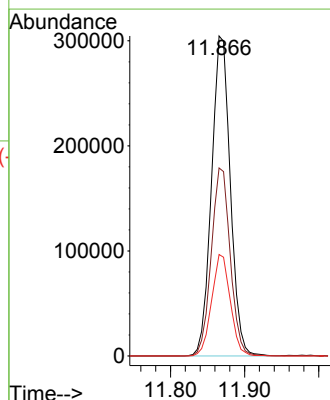
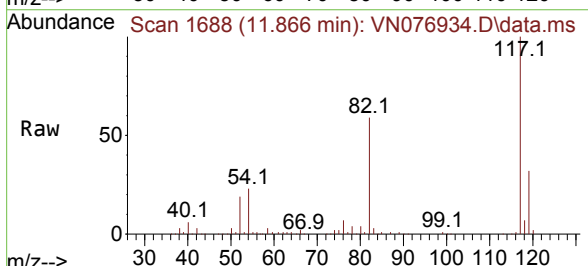
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

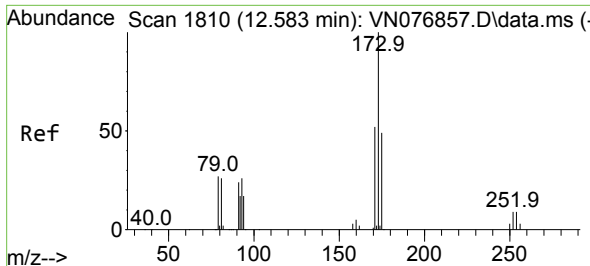
Tgt Ion: 95 Resp: 256575
Ion Ratio Lower Upper
95 100
174 72.1 0.0 162.4
176 69.0 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

Tgt Ion: 117 Resp: 536714
Ion Ratio Lower Upper
117 100
82 58.7 43.5 65.3
119 31.7 25.5 38.3

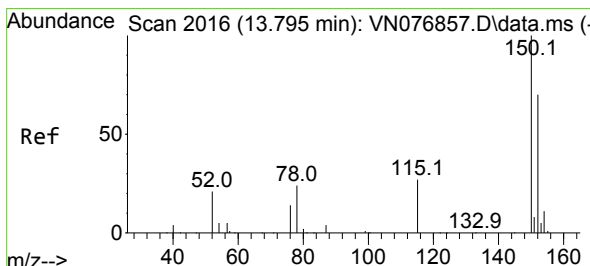
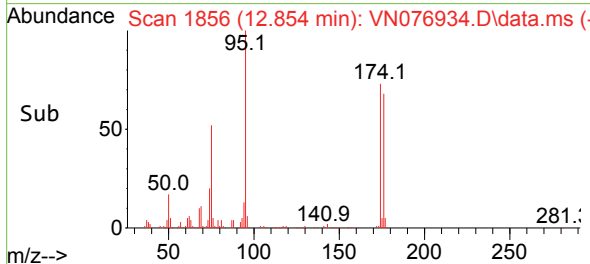
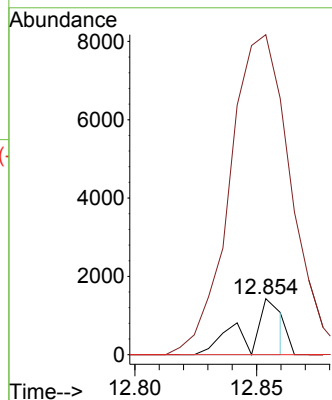
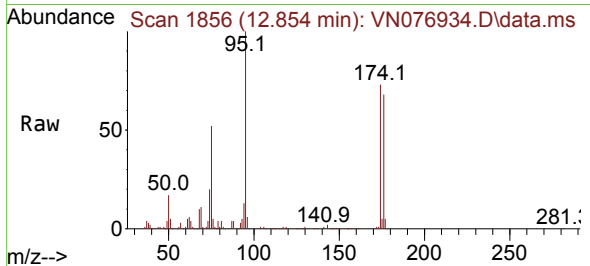




#71
Bromoform
Concen: 0.419 ug/l
RT: 12.854 min Scan# 1810
Delta R.T. 0.270 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

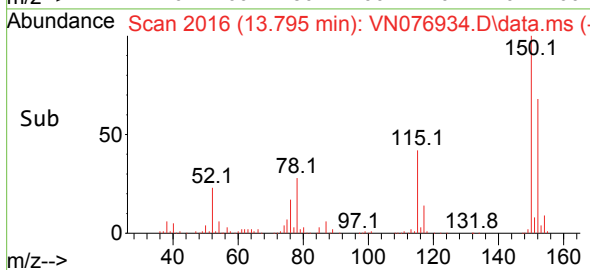
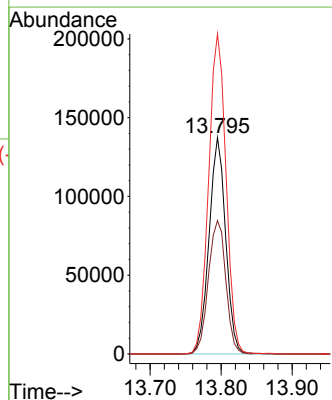
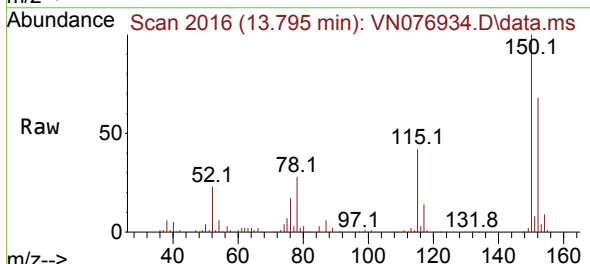
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

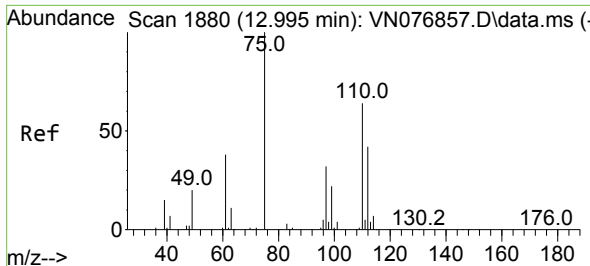
Tgt Ion:173 Resp: 1424
Ion Ratio Lower Upper
173 100
175 839.5 24.9 74.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

Tgt Ion:152 Resp: 223427
Ion Ratio Lower Upper
152 100
115 64.7 30.3 90.9
150 154.7 0.0 353.6

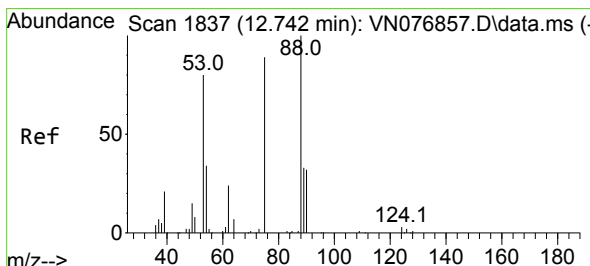
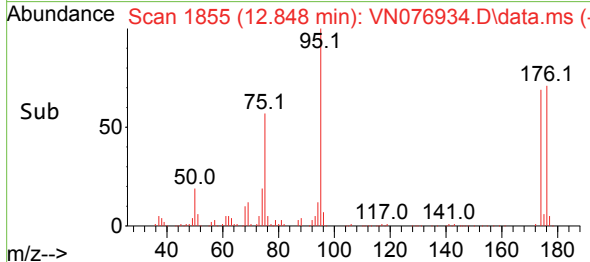
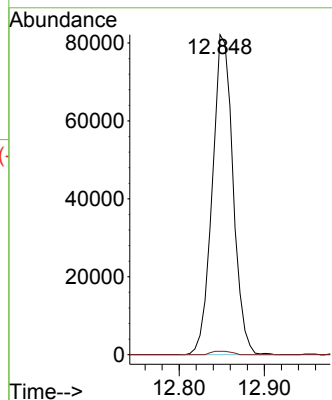
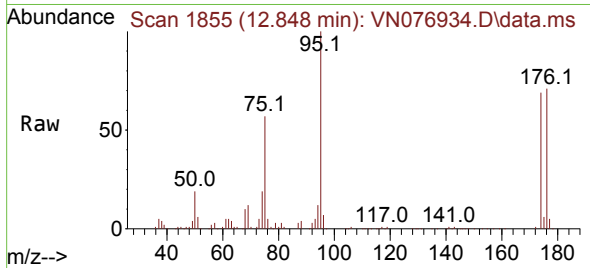




#76
1,2,3-Trichloropropane
Concen: 25.626 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

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

Tgt Ion: 75 Resp: 138811
Ion Ratio Lower Upper
75 100
77 1.1 93.8 281.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.707 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

Tgt Ion: 75 Resp: 138811
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#

