

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080879.D
 Acq On : 02 Feb 2024 17:27
 Operator : JC\MD
 Sample : P1363-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 02 23:53:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

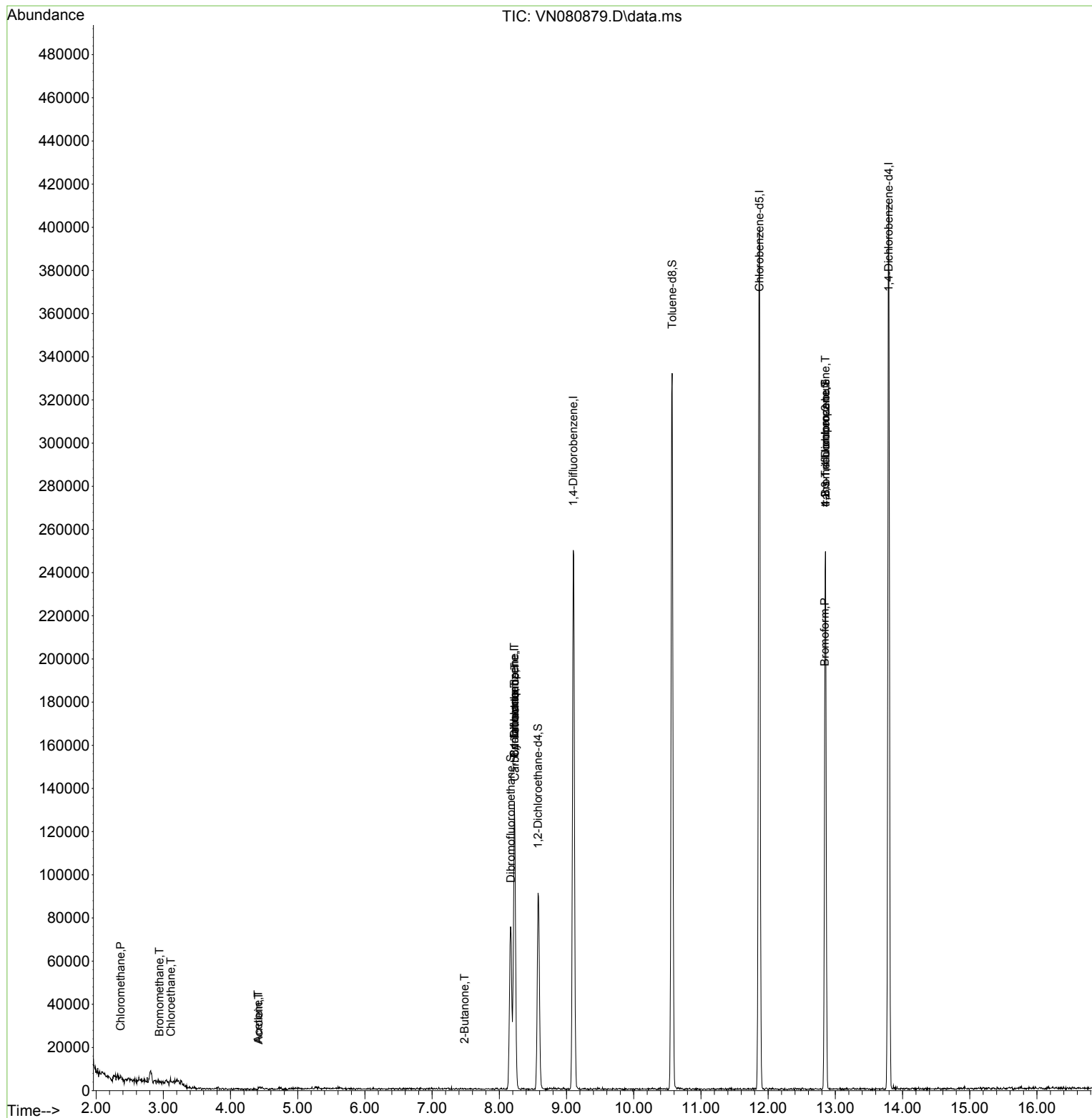
Internal Standards						
1) Pentafluorobenzene	8.224	168	79970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	194074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	204921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	85965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	71119	51.407	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.820%	
35) Dibromofluoromethane	8.171	113	53805	45.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.640%	
50) Toluene-d8	10.571	98	220185	47.380	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.760%	
62) 4-Bromofluorobenzene	12.853	95	84297	52.053	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1311	0.734	ug/l #	65
5) Bromomethane	2.942	94	118	0.217	ug/l #	6
6) Chloroethane	3.112	64	236	0.326	ug/l #	42
13) Acrolein	4.418	56	79	0.278	ug/l #	15
16) Acetone	4.412	43	315	0.628	ug/l #	44
25) 2-Butanone	7.483	43	274	0.288	ug/l #	51
31) Cyclohexane	8.224	56	3111	1.311	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	9054	4.103	ug/l #	49
38) Carbon Tetrachloride	8.230	117	9766	5.492	ug/l #	14
71) Bromoform	12.841	173	213	0.217	ug/l #	30
76) 1,2,3-Trichloropropane	12.853	75	50041	19.301	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	50041	49.722	ug/l #	14

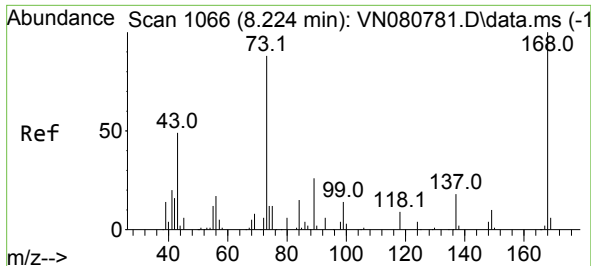
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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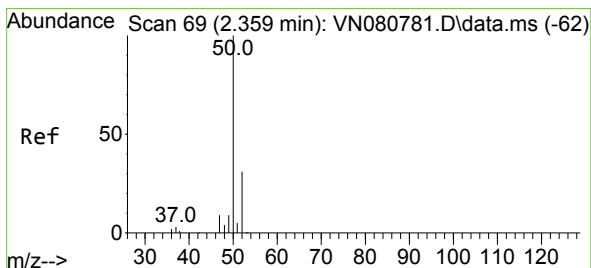
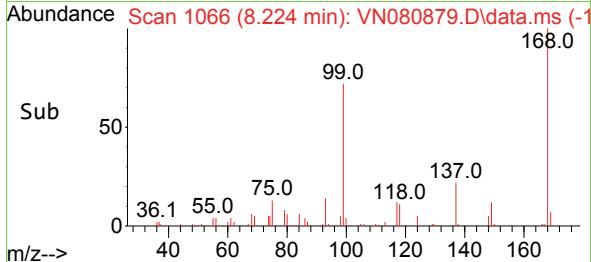
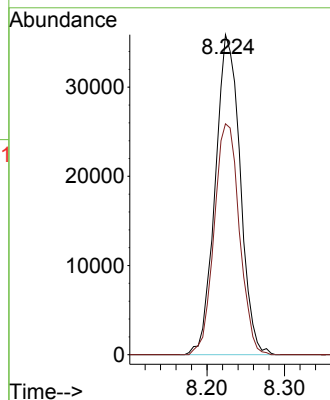
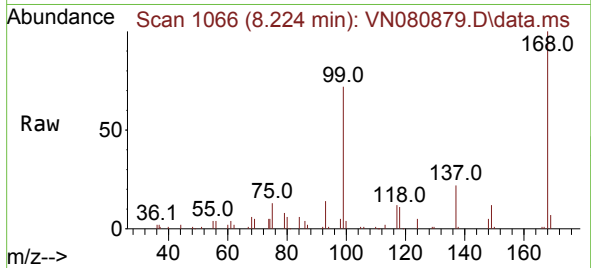




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

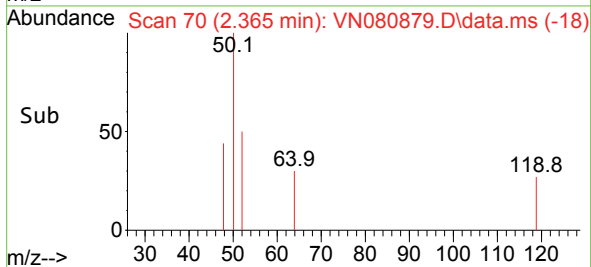
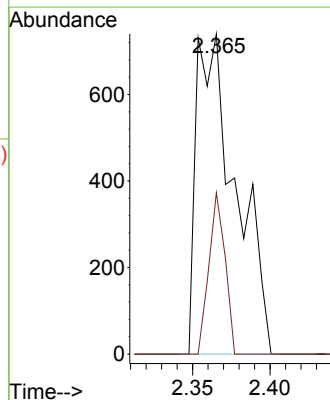
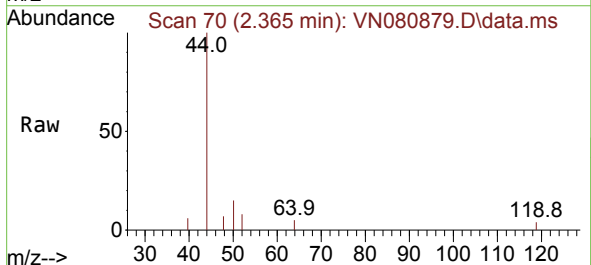
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

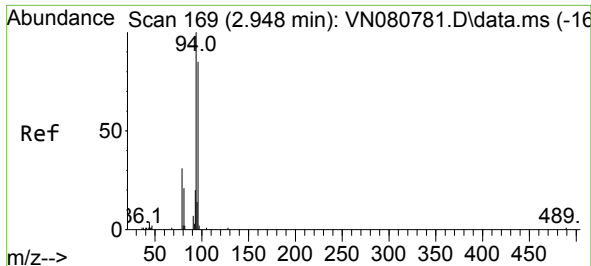
Tgt Ion:168 Resp: 79970
Ion Ratio Lower Upper
168 100
99 72.1 59.9 89.9



#3
Chloromethane
Concen: 0.734 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

Tgt Ion: 50 Resp: 1311
Ion Ratio Lower Upper
50 100
52 50.4 25.0 37.4#

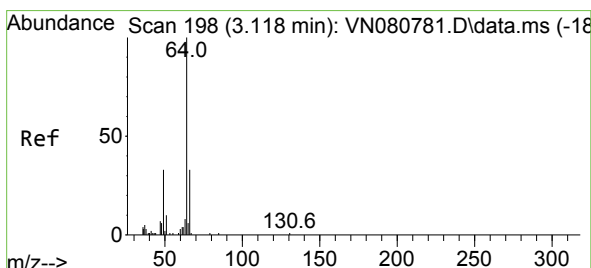
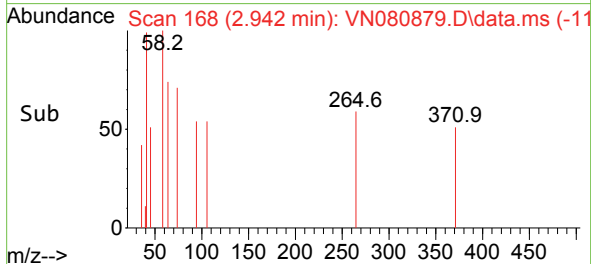
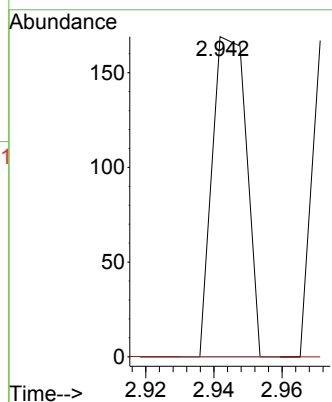
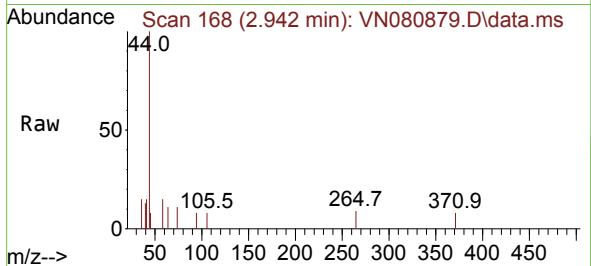




#5
Bromomethane
Concen: 0.217 ug/l
RT: 2.942 min Scan# 118
Delta R.T. -0.006 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

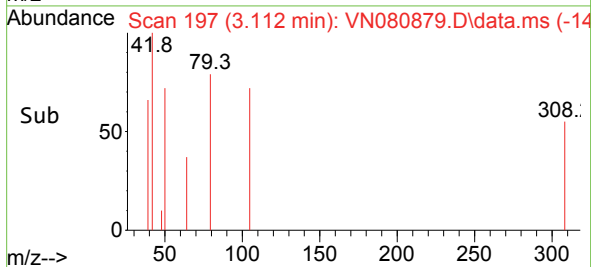
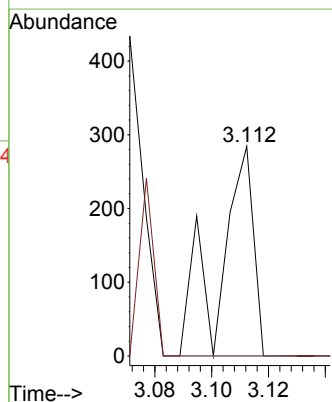
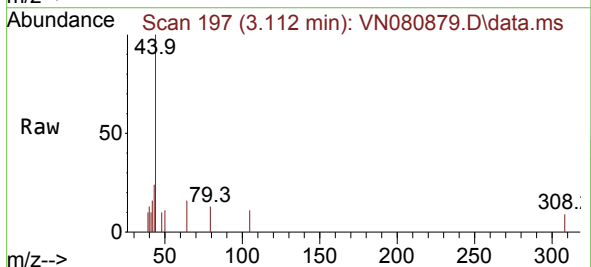
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

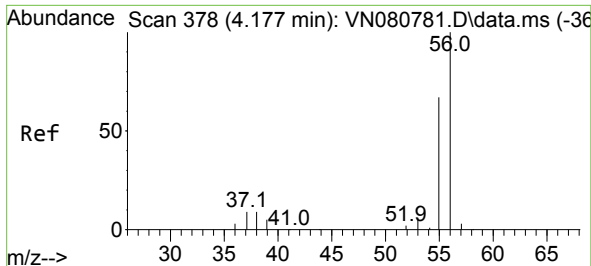
Tgt Ion: 94 Resp: 118
Ion Ratio Lower Upper
94 100
96 0.0 69.2 103.8#



#6
Chloroethane
Concen: 0.326 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

Tgt Ion: 64 Resp: 236
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

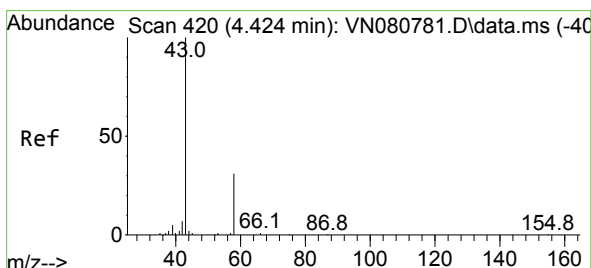
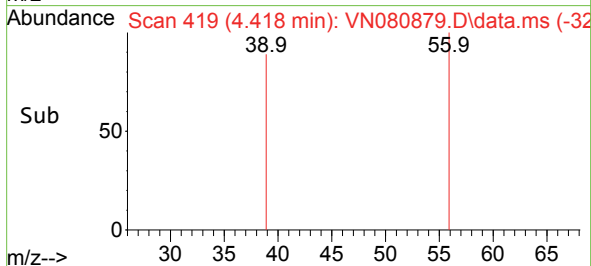
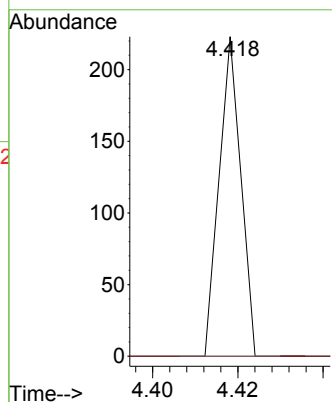
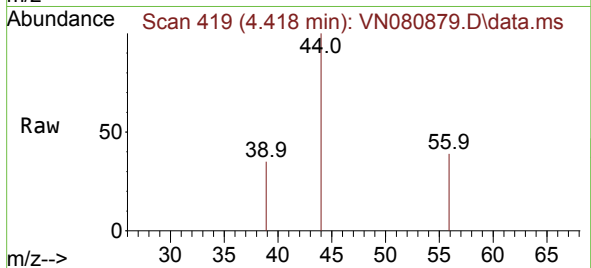




#13
Acrolein
Concen: 0.278 ug/l
RT: 4.418 min Scan# 418
Delta R.T. 0.241 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

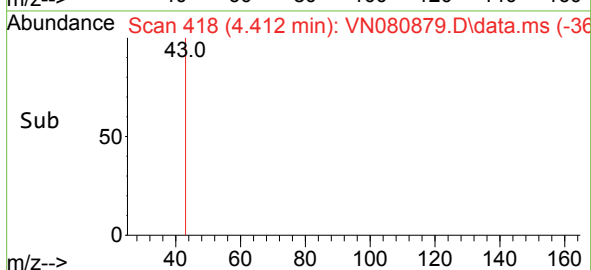
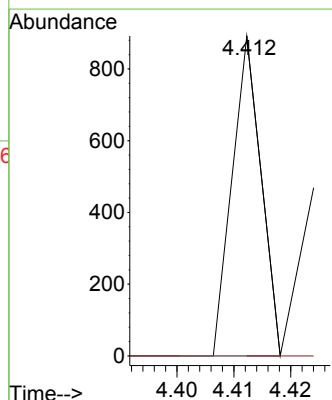
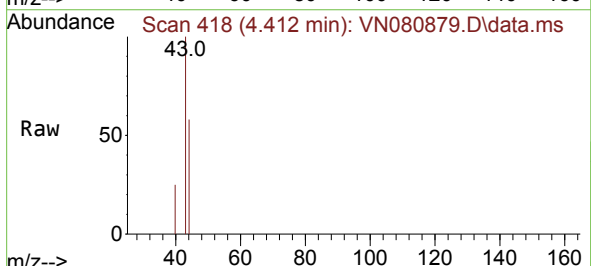
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

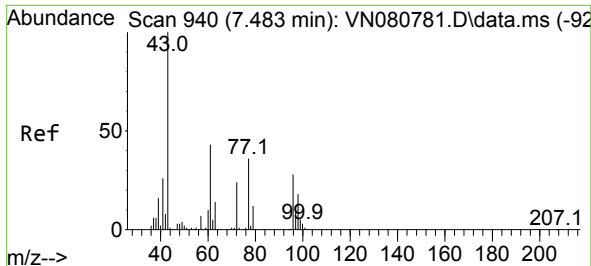
Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#16
Acetone
Concen: 0.628 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

Tgt Ion: 43 Resp: 315
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#

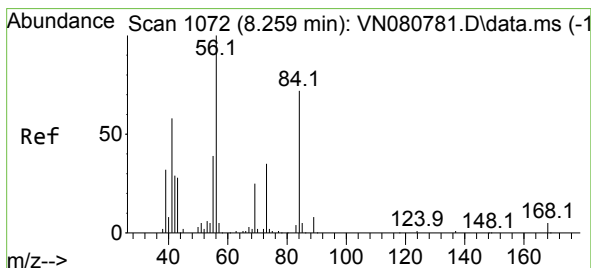
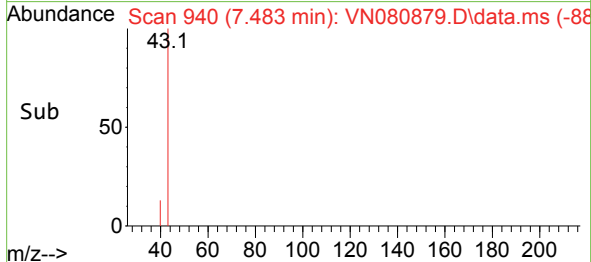
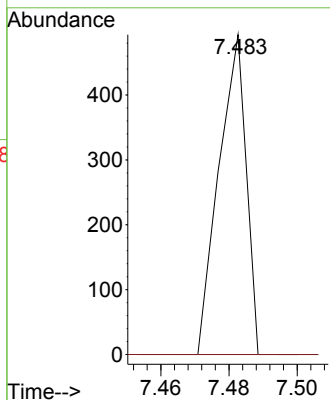
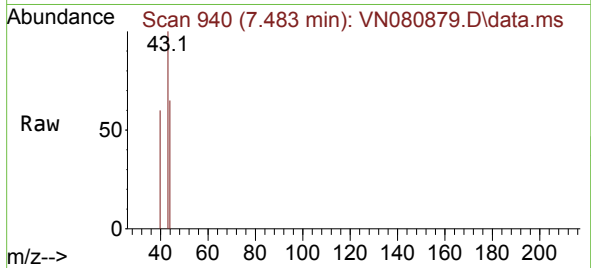




#25
2-Butanone
Concen: 0.288 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

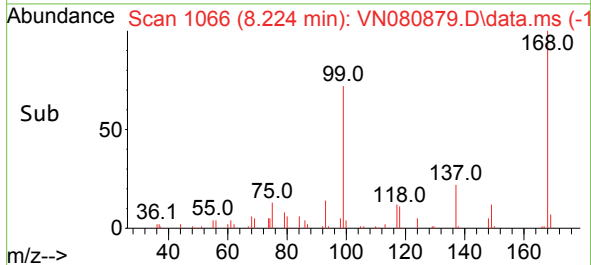
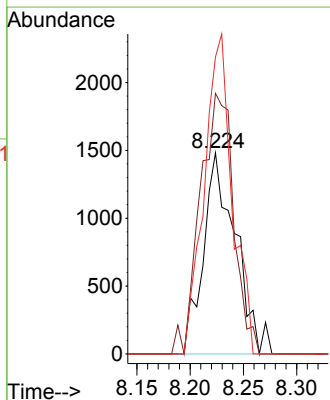
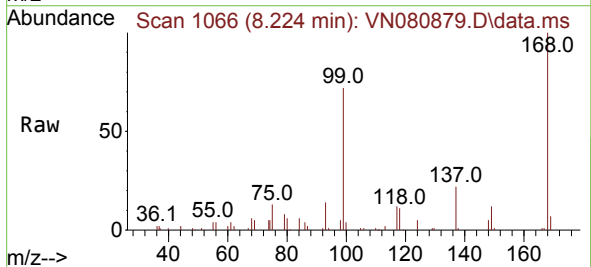
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

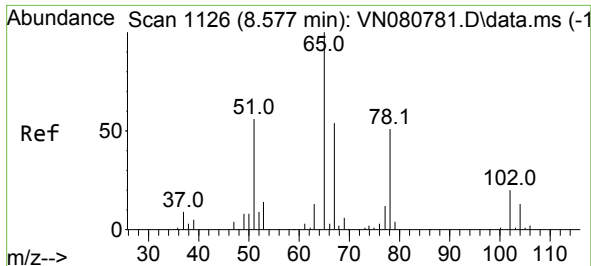
Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 1.311 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

Tgt Ion: 56 Resp: 3111
Ion Ratio Lower Upper
56 100
69 129.6 20.1 30.1#
84 147.6 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 51.407 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080879.D

Acq: 02 Feb 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

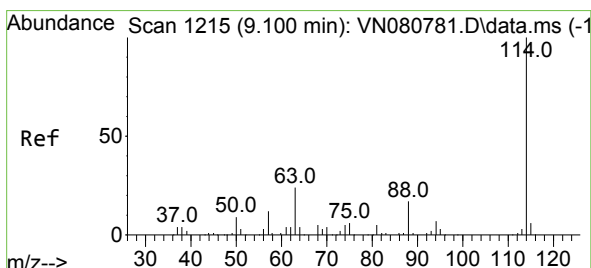
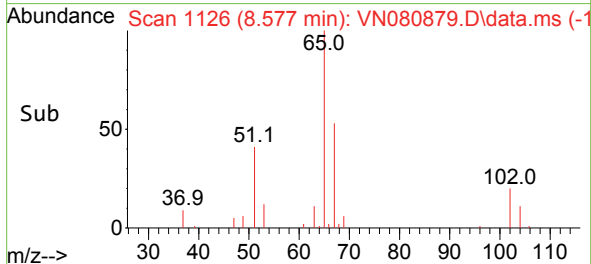
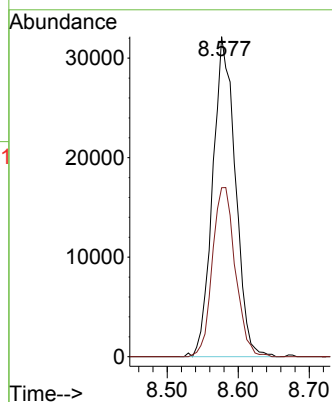
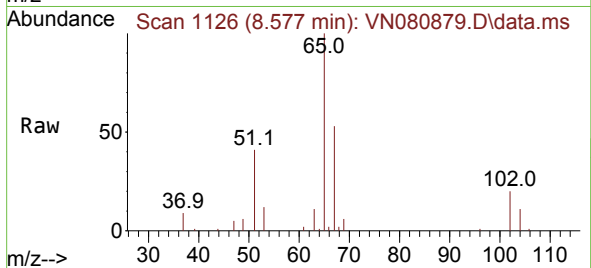
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 71119

Ion Ratio Lower Upper

65 100

67 53.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080879.D

Acq: 02 Feb 2024 17:27

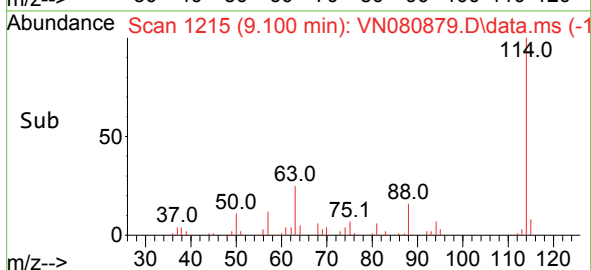
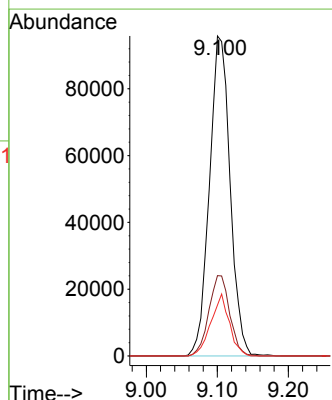
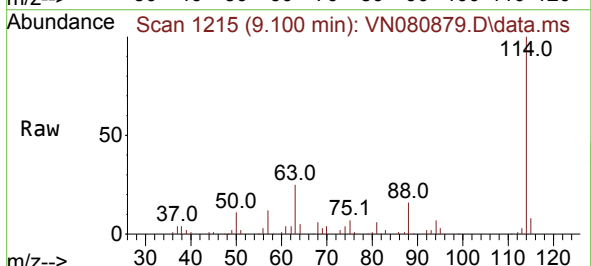
Tgt Ion: 114 Resp: 194074

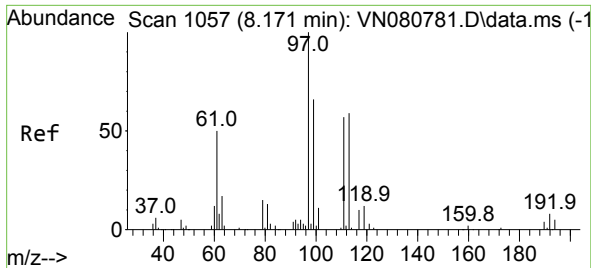
Ion Ratio Lower Upper

114 100

63 25.1 0.0 48.0

88 15.9 0.0 34.8

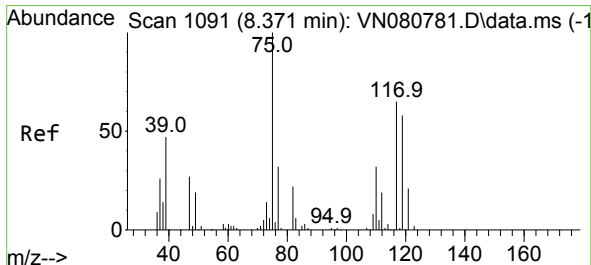
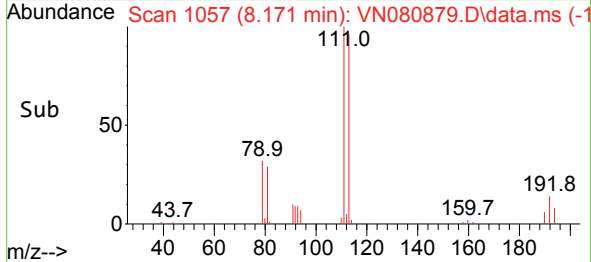
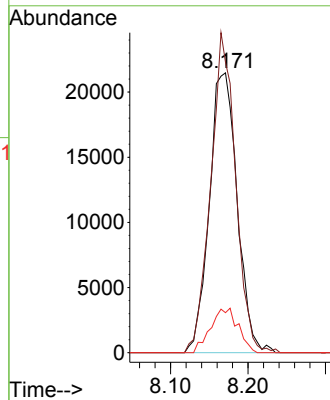
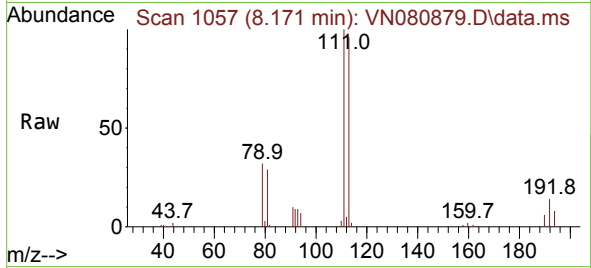




#35
Dibromofluoromethane
Concen: 45.315 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

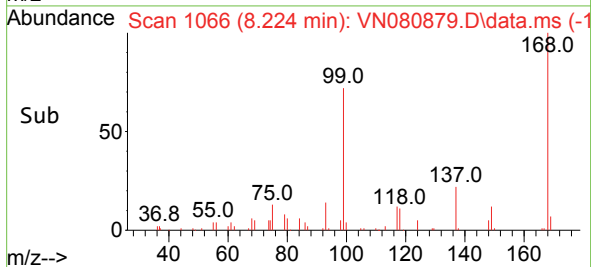
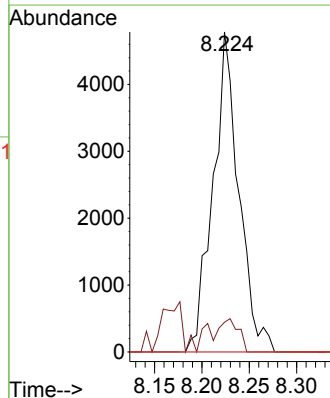
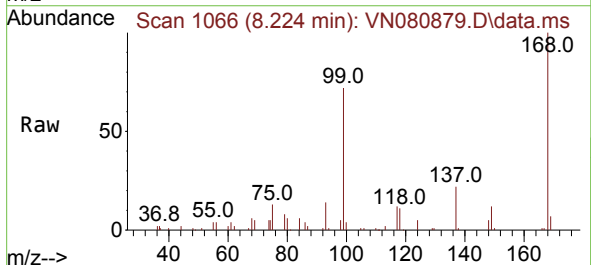
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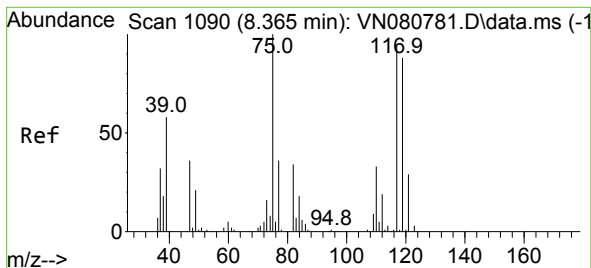
Tgt Ion:	113	Resp:	53805
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	15.7	12.5	18.7



#36
1,1-Dichloropropene
Concen: 4.103 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

Tgt Ion:	75	Resp:	9054
Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.0	48.0#
77	0.0	25.8	38.6#





#38

Carbon Tetrachloride

Concen: 5.492 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080879.D

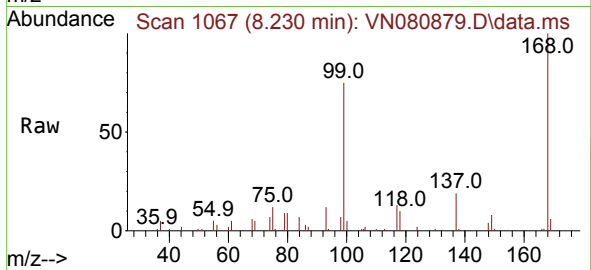
Acq: 02 Feb 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



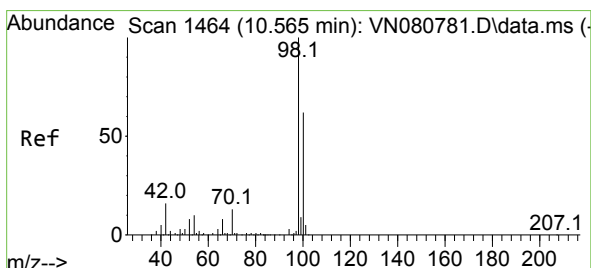
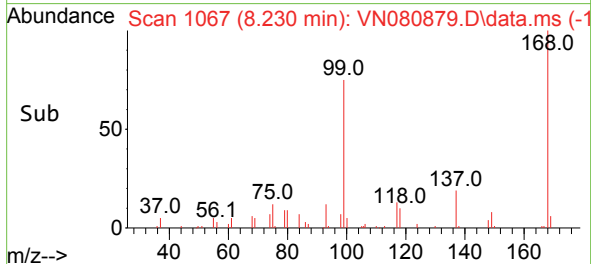
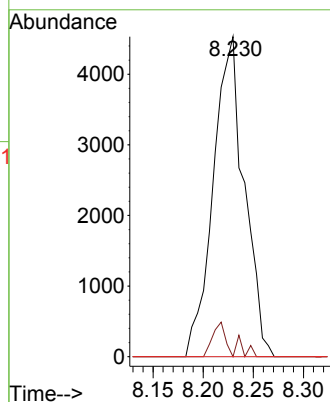
Tgt Ion:117 Resp: 9766

Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 47.380 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080879.D

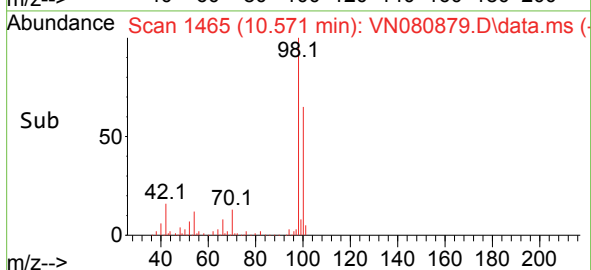
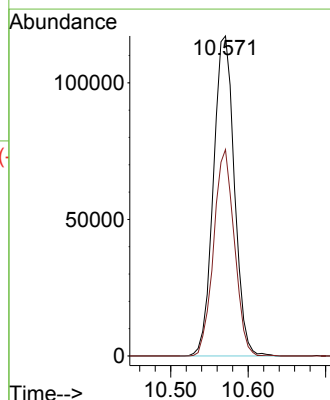
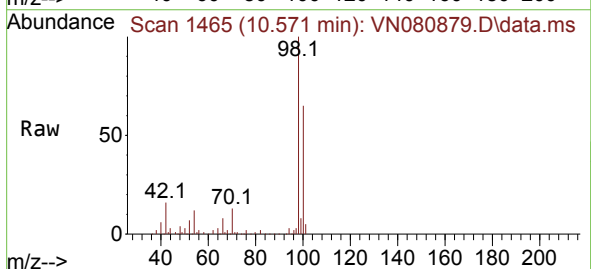
Acq: 02 Feb 2024 17:27

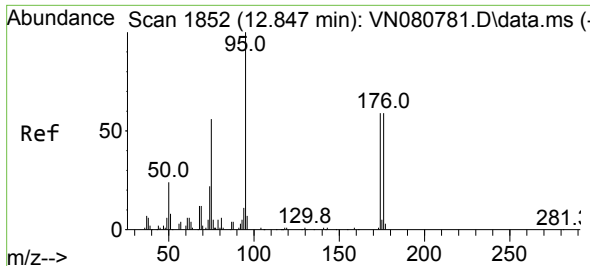
Tgt Ion: 98 Resp: 220185

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.0

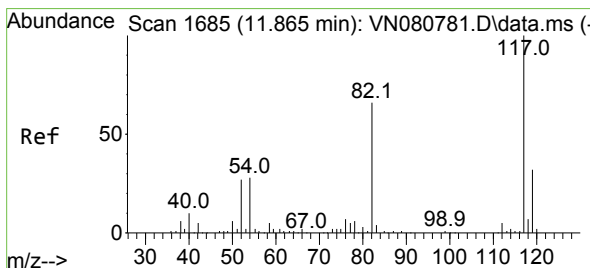
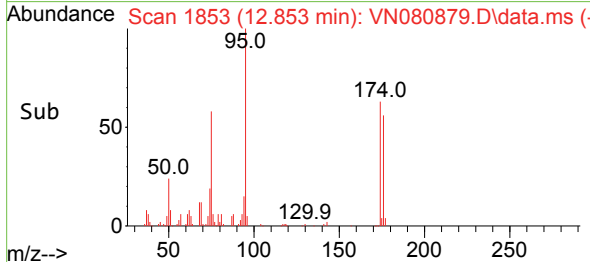
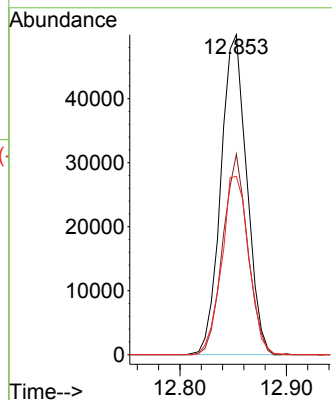
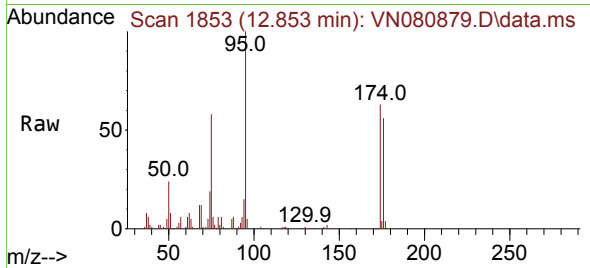




#62
4-Bromofluorobenzene
Concen: 52.053 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

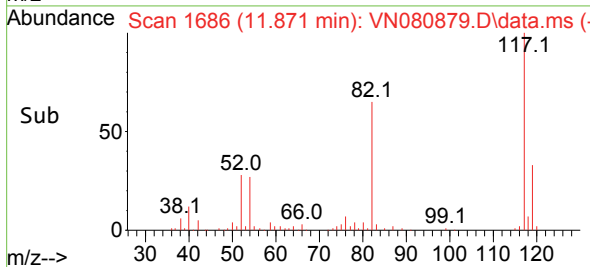
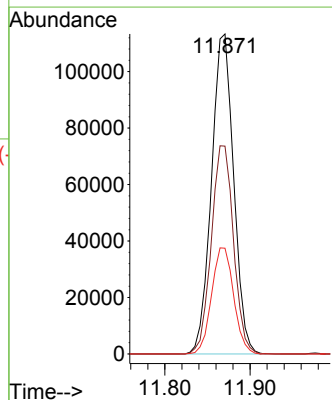
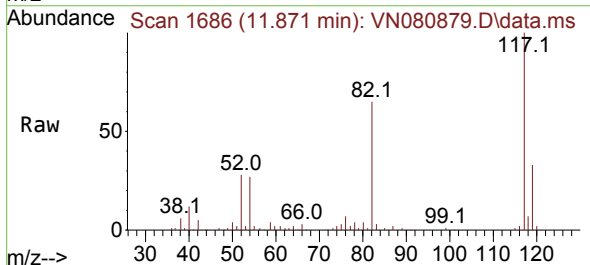
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

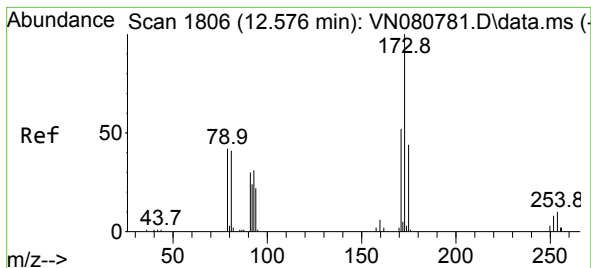
Tgt Ion: 95 Resp: 84297
Ion Ratio Lower Upper
95 100
174 59.9 0.0 120.4
176 58.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

Tgt Ion: 117 Resp: 204921
Ion Ratio Lower Upper
117 100
82 65.0 52.7 79.1
119 33.1 25.3 37.9





#71

Bromoform

Concen: 0.217 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN080879.D

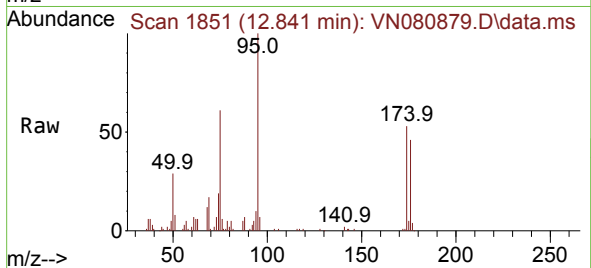
Acq: 02 Feb 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



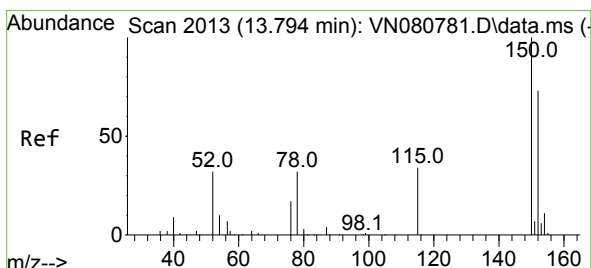
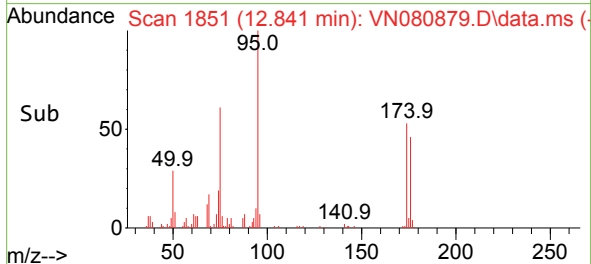
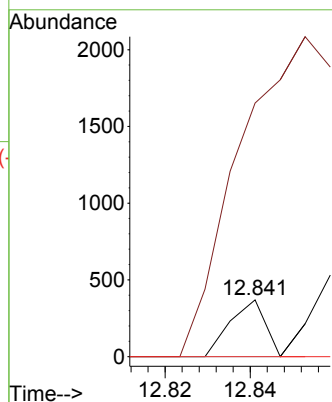
Tgt Ion:173 Resp: 213

Ion Ratio Lower Upper

173 100

175 0.0 23.1 69.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080879.D

Acq: 02 Feb 2024 17:27

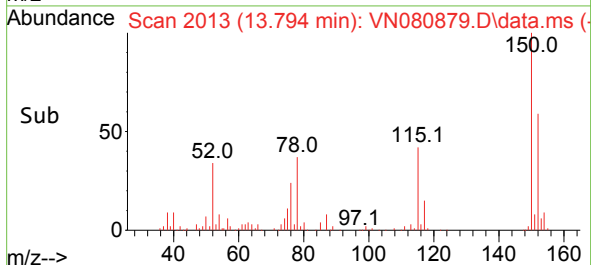
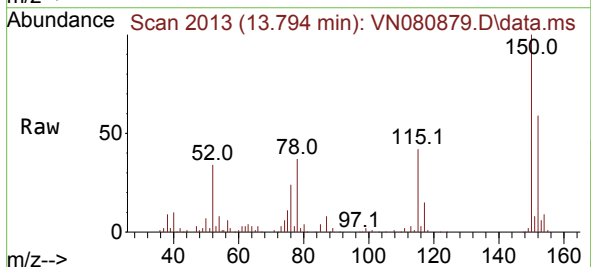
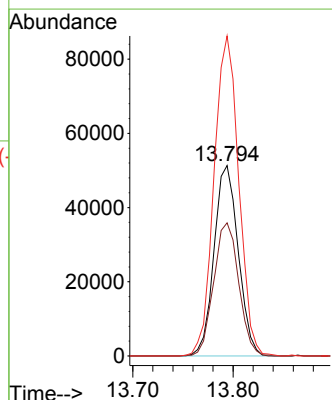
Tgt Ion:152 Resp: 85965

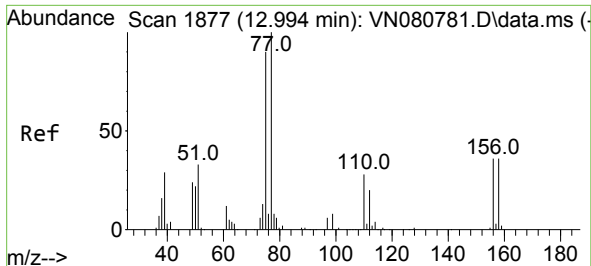
Ion Ratio Lower Upper

152 100

115 72.4 32.3 96.8

150 171.4 0.0 339.8

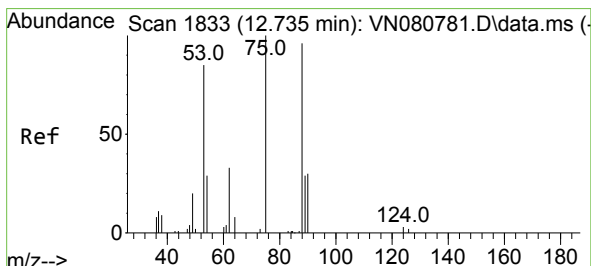
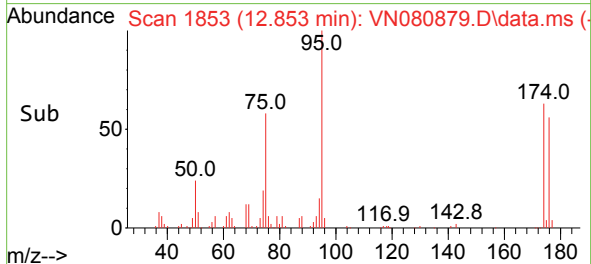
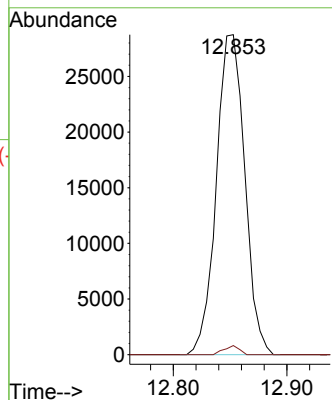
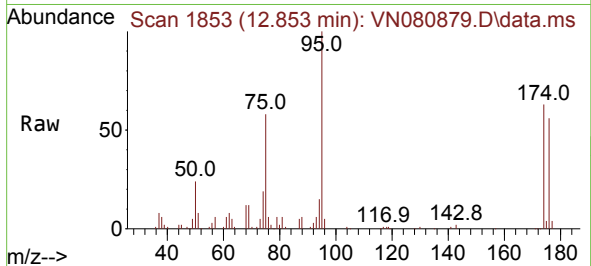




#76
1,2,3-Trichloropropane
Concen: 19.301 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

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

Tgt Ion: 75 Resp: 50041
Ion Ratio Lower Upper
75 100
77 1.5 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.722 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080879.D
Acq: 02 Feb 2024 17:27

Tgt Ion: 75 Resp: 50041
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

