

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082411.D
 Acq On : 31 May 2024 16:22
 Operator : JC\MD
 Sample : P2669-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: May 31 22:59:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

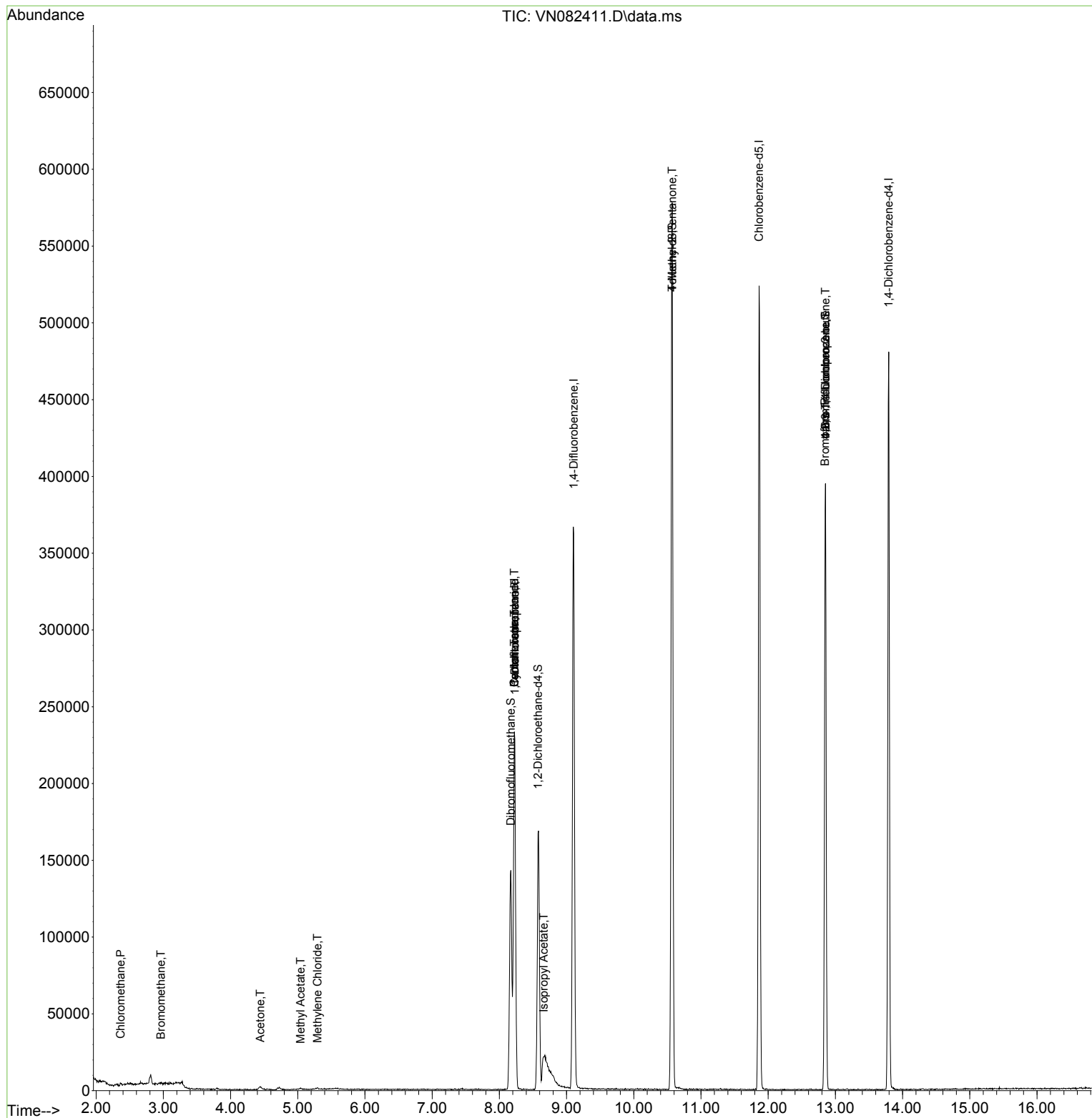
Internal Standards						
1) Pentafluorobenzene	8.223	168	159686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	276406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	138407	54.891	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 109.780%		
35) Dibromofluoromethane	8.171	113	98617	54.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 108.840%		
50) Toluene-d8	10.570	98	372926	53.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 107.340%		
62) 4-Bromofluorobenzene	12.853	95	124788	50.320	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 100.640%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	970	0.372	ug/l #	80
5) Bromomethane	2.965	94	329	0.233	ug/l #	63
16) Acetone	4.441	43	4005	3.872	ug/l #	75
18) Methyl Acetate	5.041	43	1671	0.649	ug/l #	55
20) Methylene Chloride	5.294	84	715	0.343	ug/l #	53
31) Cyclohexane	8.223	56	4848	1.204	ug/l #	44
36) 1,1-Dichloropropene	8.229	75	15352	5.051	ug/l #	49
38) Carbon Tetrachloride	8.223	117	17768	5.767	ug/l #	18
43) Isopropyl Acetate	8.659	43	16628	2.759	ug/l #	52
51) 4-Methyl-2-Pentanone	10.570	43	3020	0.882	ug/l #	1
71) Bromoform	12.847	173	1064	1.357	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	73961	30.392	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	73961	71.087	ug/l #	12

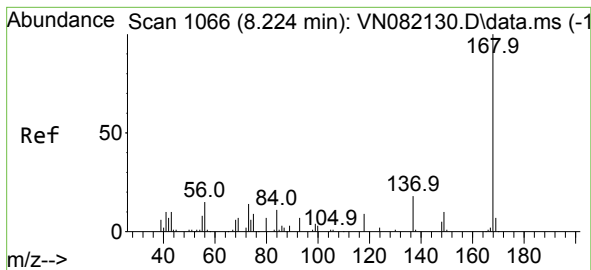
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Storage-Blank-WATER-REF-5

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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.223 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN082411.D

Acq: 31 May 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

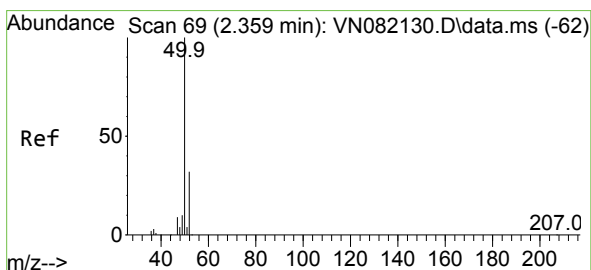
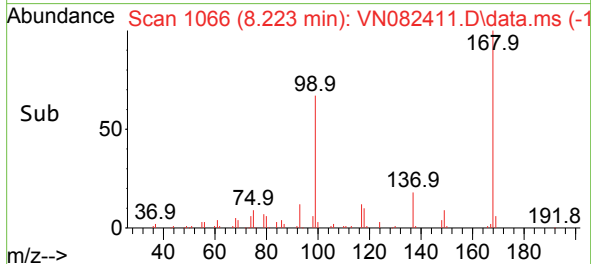
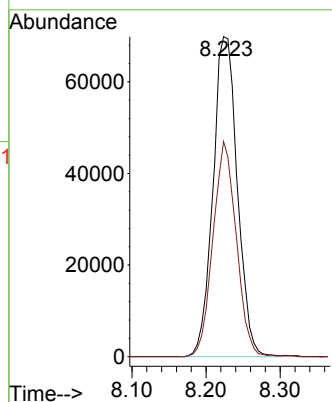
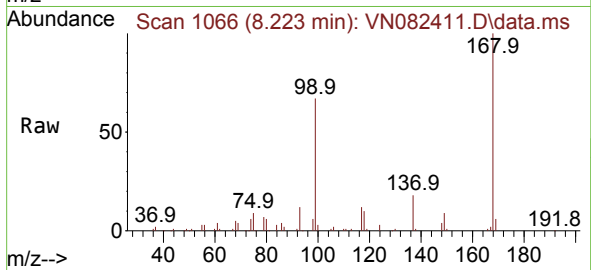
Storage-Blank-WATER-REF-5

Tgt Ion:168 Resp: 159686

Ion Ratio Lower Upper

168 100

99 67.3 48.2 72.4



#3

Chloromethane

Concen: 0.372 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082411.D

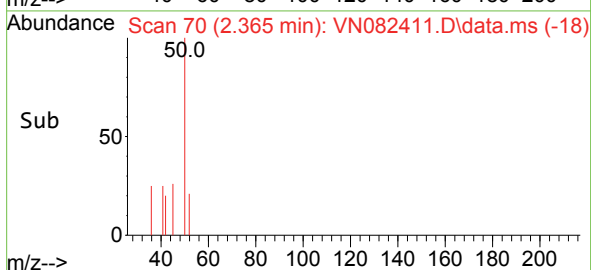
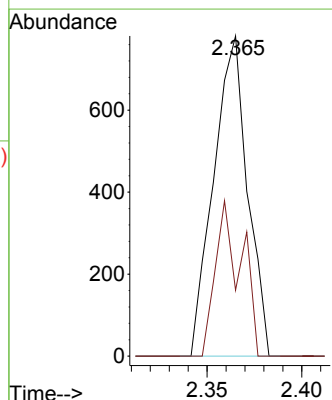
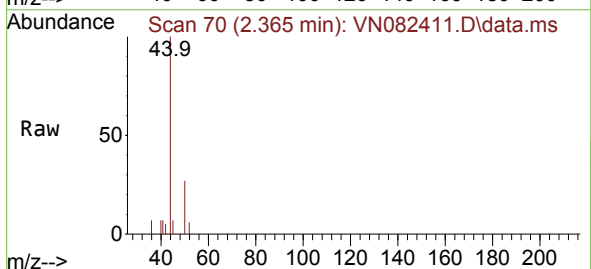
Acq: 31 May 2024 16:22

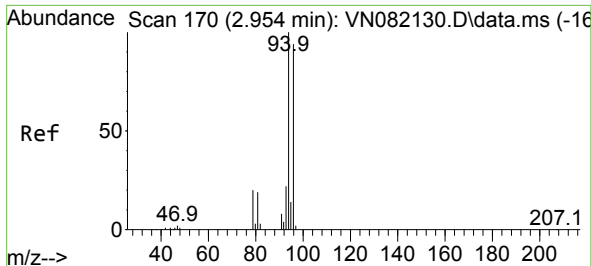
Tgt Ion: 50 Resp: 970

Ion Ratio Lower Upper

50 100

52 20.6 25.5 38.3#

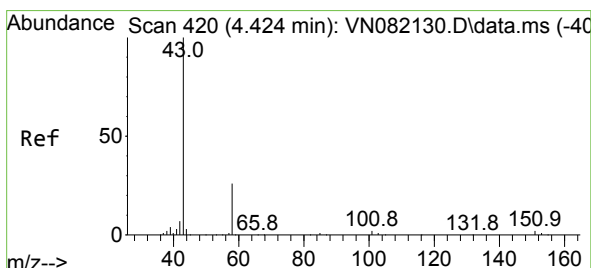
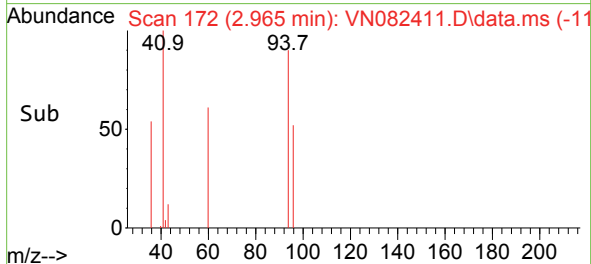
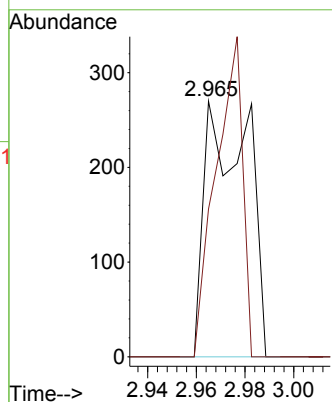
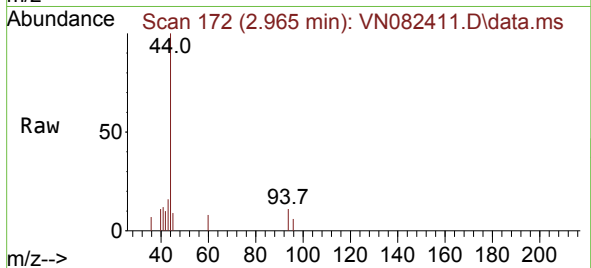




#5
Bromomethane
Concen: 0.233 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

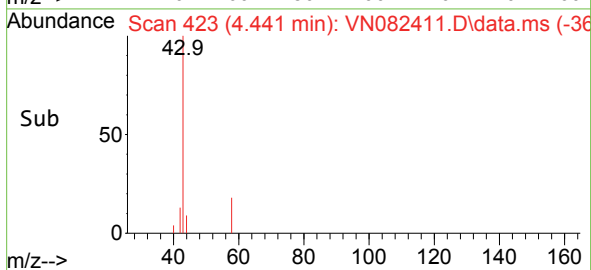
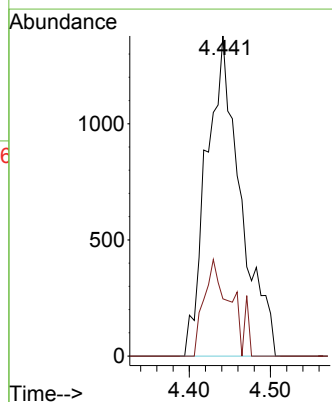
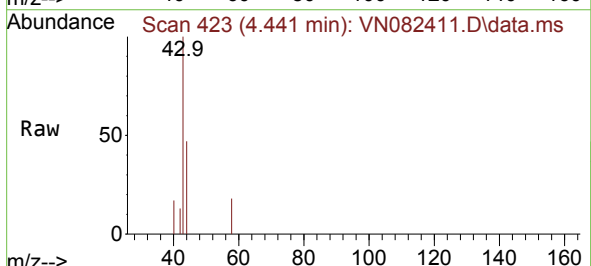
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

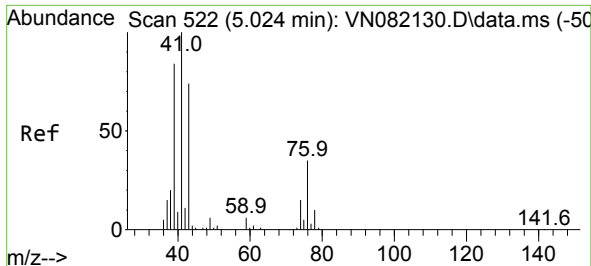
Tgt Ion: 94 Resp: 329
Ion Ratio Lower Upper
94 100
96 57.8 74.8 112.2#



#16
Acetone
Concen: 3.872 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

Tgt Ion: 43 Resp: 4005
Ion Ratio Lower Upper
43 100
58 17.9 25.2 37.8#





#18

Methyl Acetate

Concen: 0.649 ug/l

RT: 5.041 min Scan# 51

Delta R.T. 0.017 min

Lab File: VN082411.D

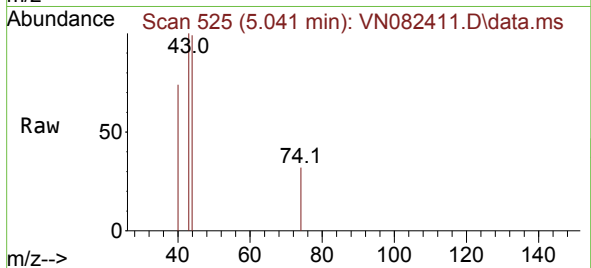
Acq: 31 May 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

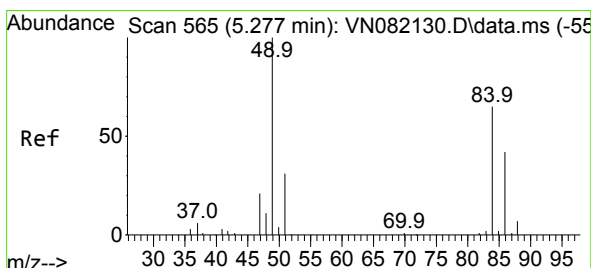
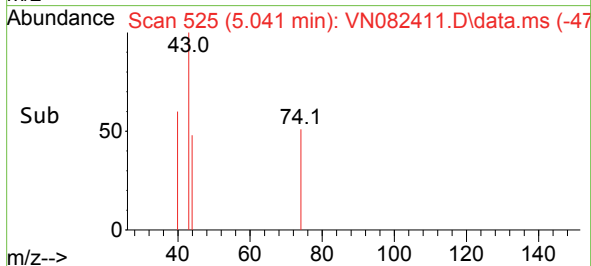
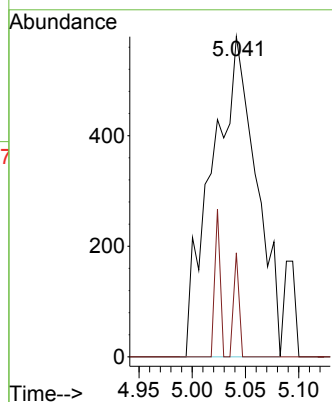


Tgt Ion: 43 Resp: 1671

Ion Ratio Lower Upper

43 100

74 3.9 22.2 33.2#



#20

Methylene Chloride

Concen: 0.343 ug/l

RT: 5.294 min Scan# 568

Delta R.T. 0.017 min

Lab File: VN082411.D

Acq: 31 May 2024 16:22

Tgt Ion: 84 Resp: 715

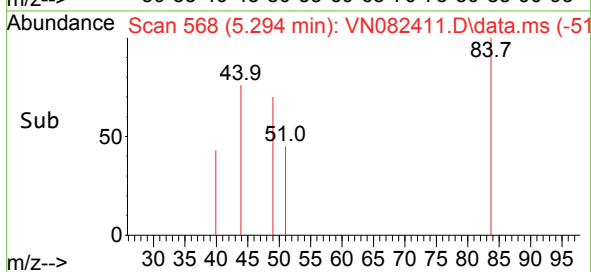
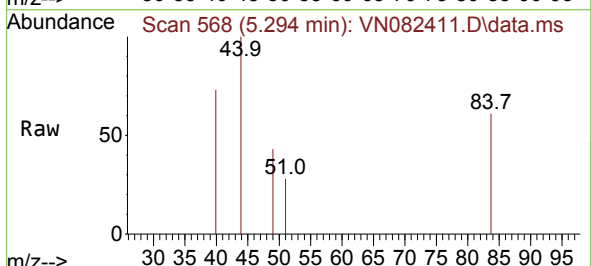
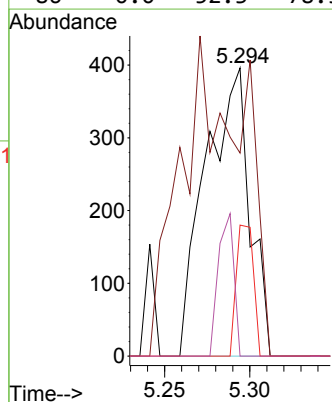
Ion Ratio Lower Upper

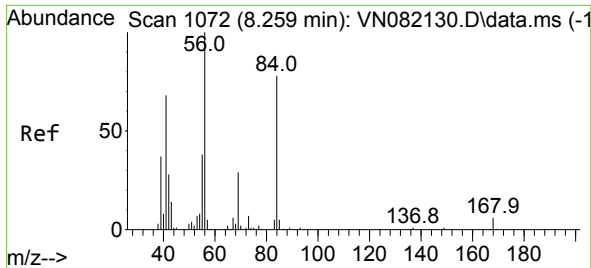
84 100

49 70.5 84.9 127.3#

51 45.5 27.0 40.6#

86 0.0 52.3 78.5#

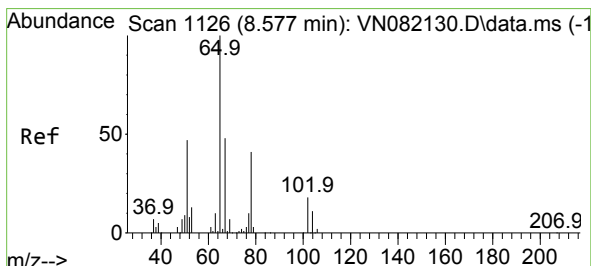
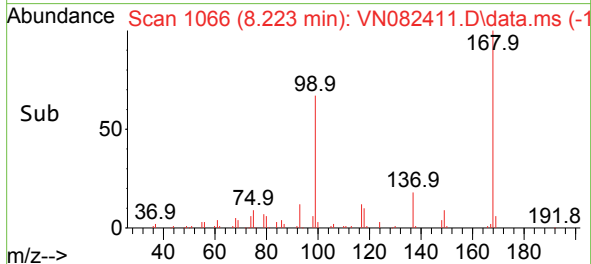
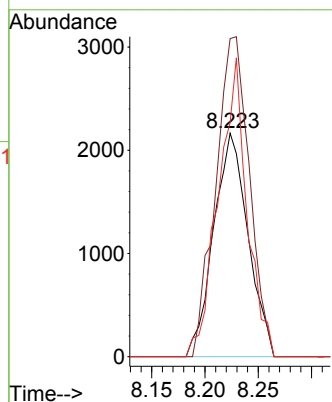
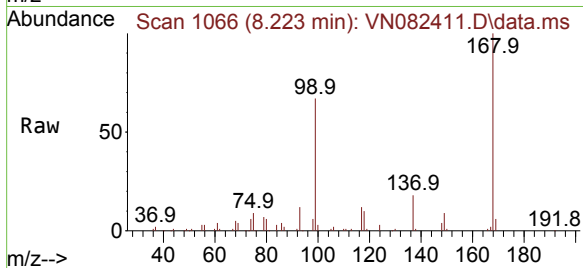




#31
Cyclohexane
Concen: 1.204 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.036 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

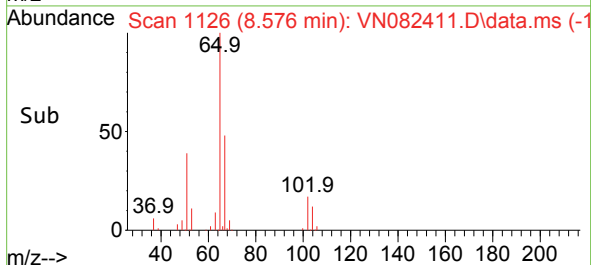
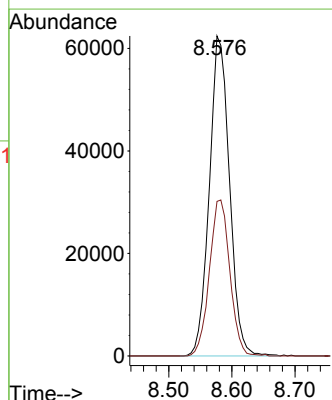
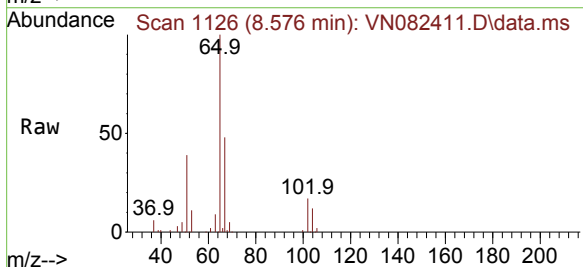
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

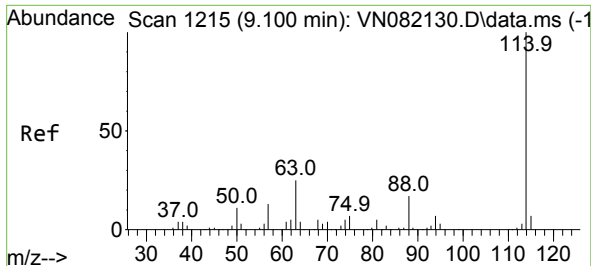
Tgt Ion: 56 Resp: 4848
Ion Ratio Lower Upper
56 100
69 142.2 24.4 36.6#
84 104.7 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 54.891 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

Tgt Ion: 65 Resp: 138407
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN082411.D

Acq: 31 May 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

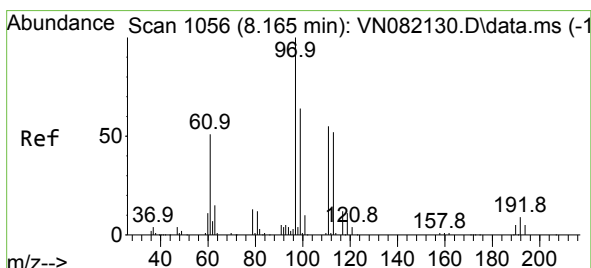
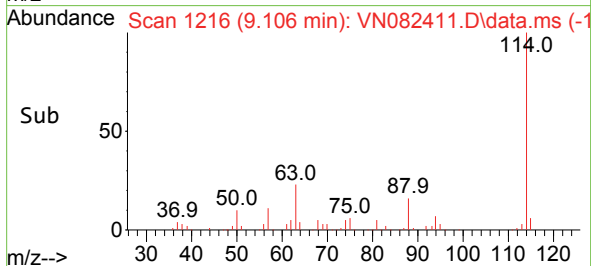
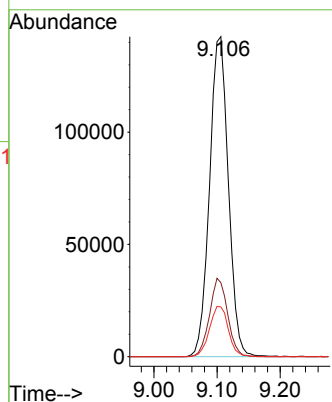
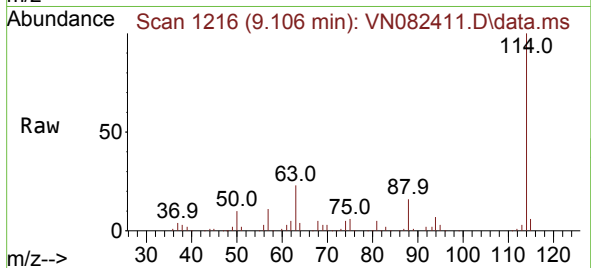
Tgt Ion:114 Resp: 294596

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.418 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082411.D

Acq: 31 May 2024 16:22

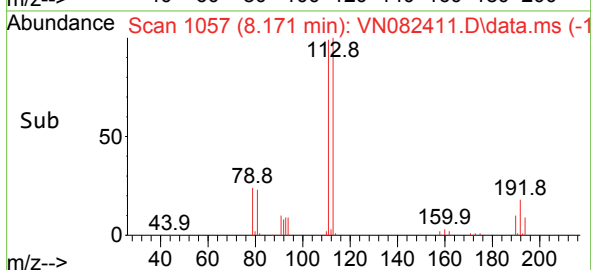
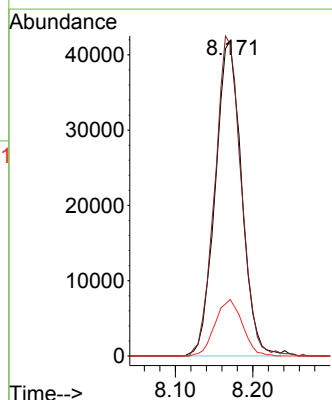
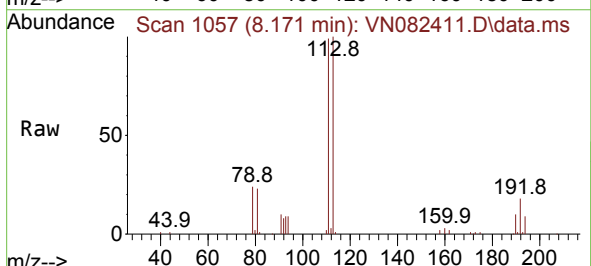
Tgt Ion:113 Resp: 98617

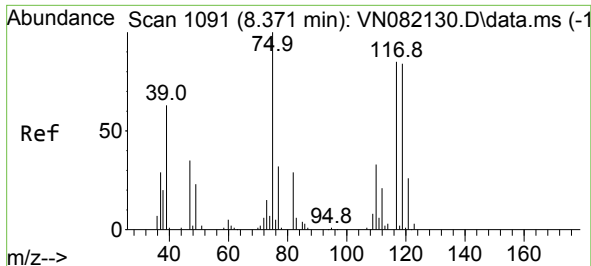
Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 18.6 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.051 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082411.D

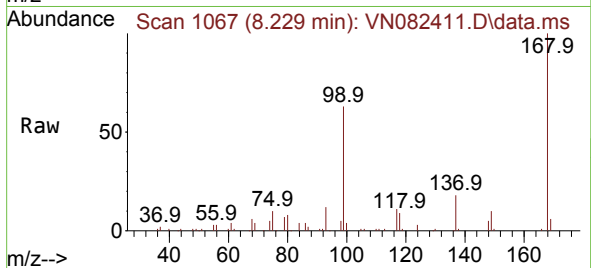
Acq: 31 May 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5



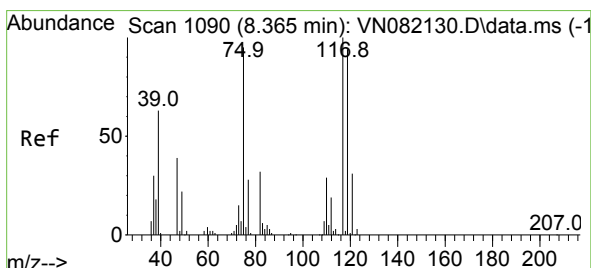
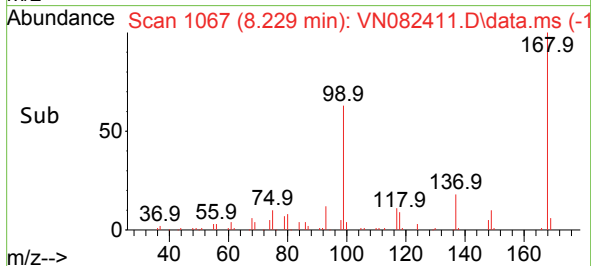
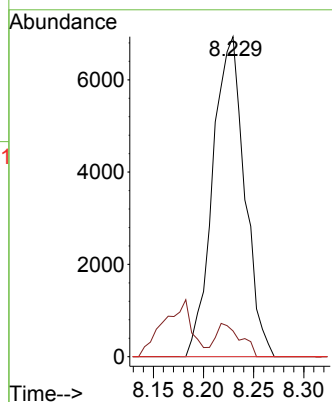
Tgt Ion: 75 Resp: 15352

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.767 ug/l

RT: 8.223 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082411.D

Acq: 31 May 2024 16:22

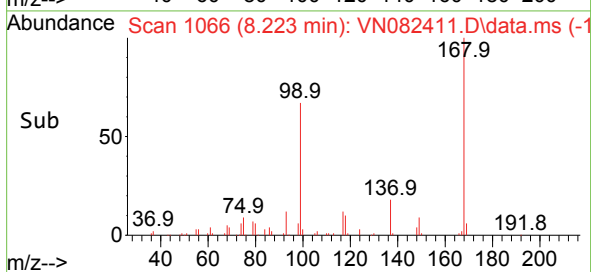
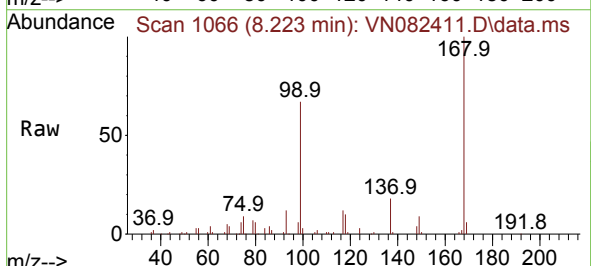
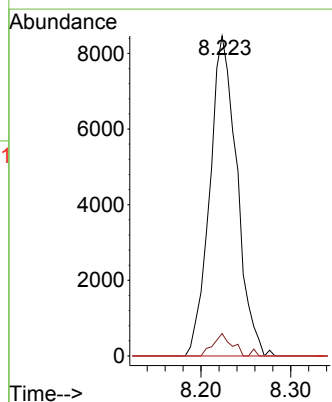
Tgt Ion: 117 Resp: 17768

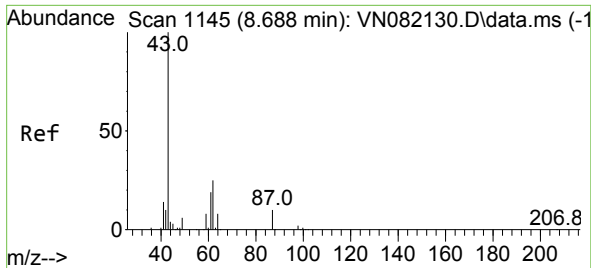
Ion Ratio Lower Upper

117 100

119 7.0 76.5 114.7#

121 0.0 23.9 35.9#

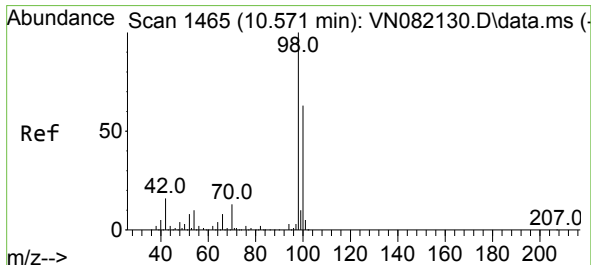
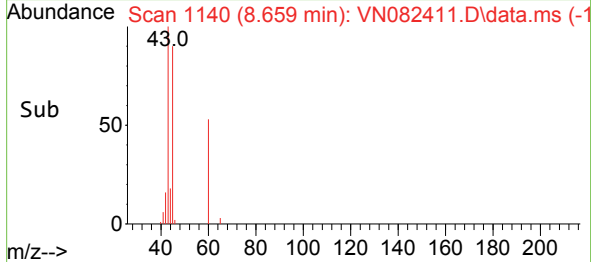
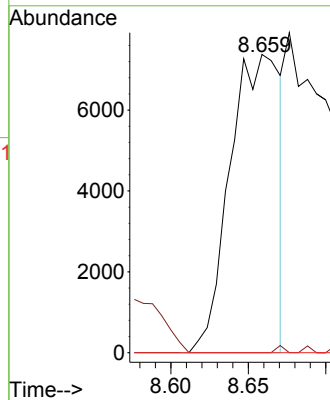
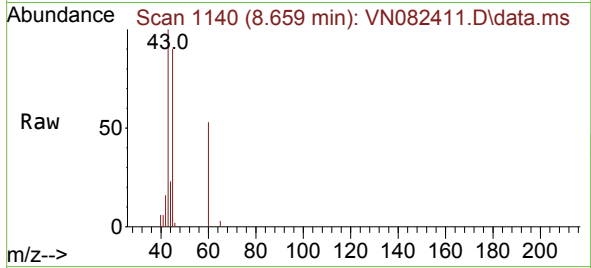




#43
Isopropyl Acetate
Concen: 2.759 ug/l
RT: 8.659 min Scan# 1145
Delta R.T. -0.030 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

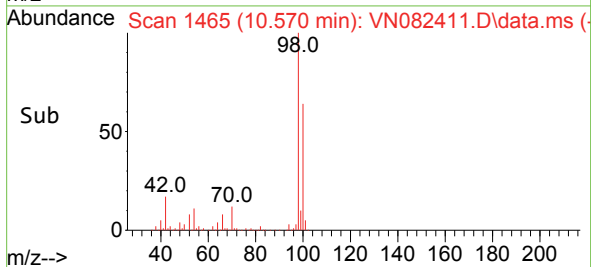
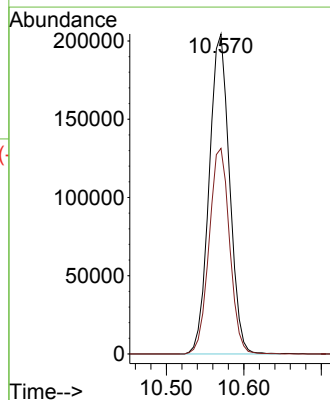
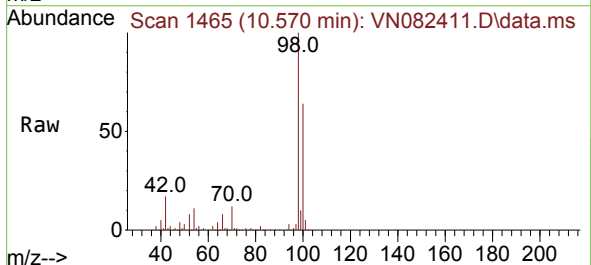
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-5

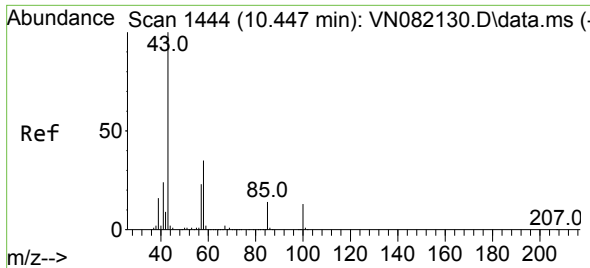
Tgt Ion: 43 Resp: 16628
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.675 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

Tgt Ion: 98 Resp: 372926
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

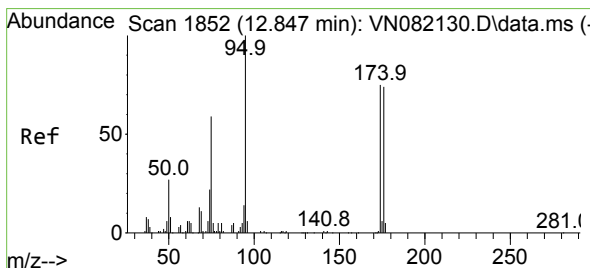
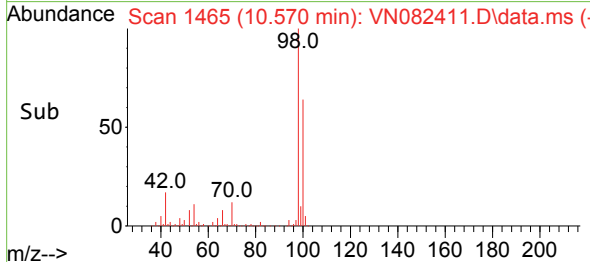
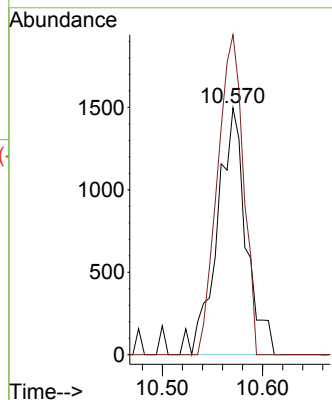
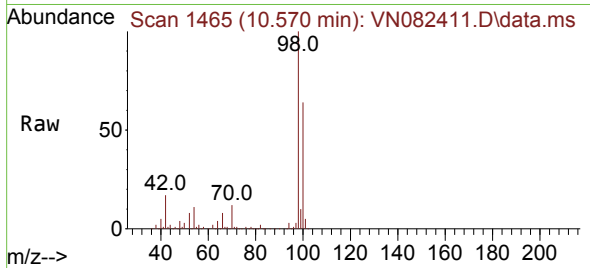




#51
4-Methyl-2-Pentanone
Concen: 0.882 ug/l
RT: 10.570 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

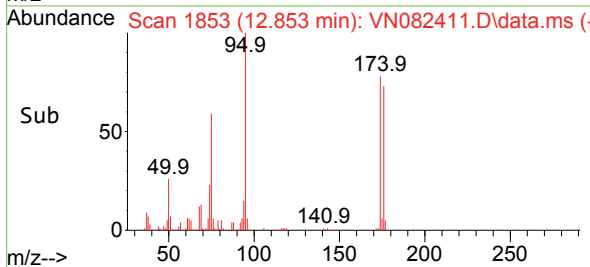
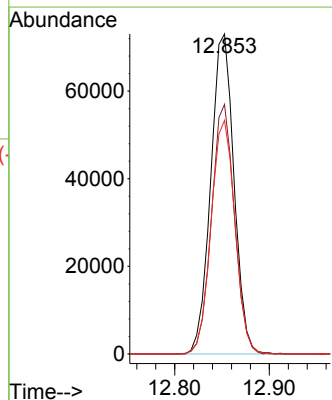
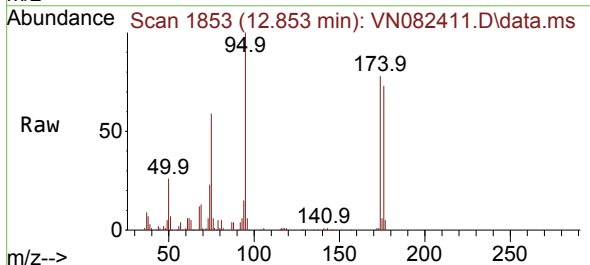
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-5

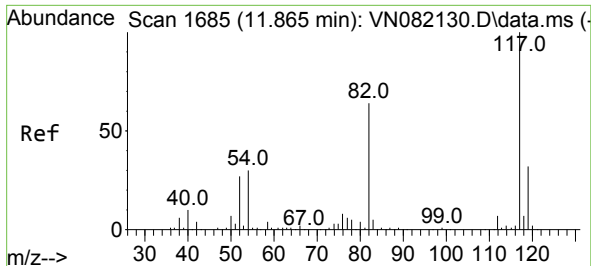
Tgt Ion: 43 Resp: 3020
Ion Ratio Lower Upper
43 100
58 115.3 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 50.320 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

Tgt Ion: 95 Resp: 124788
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.6
176 74.7 0.0 152.8

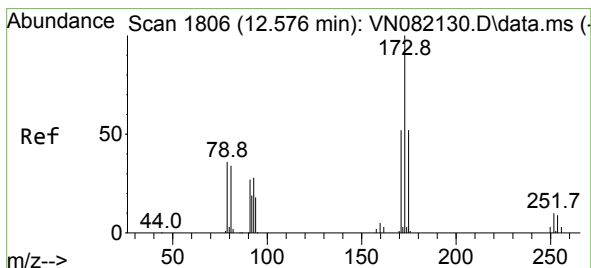
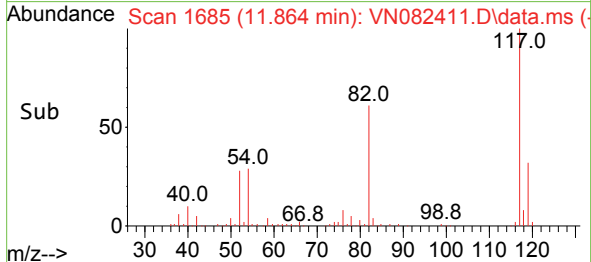
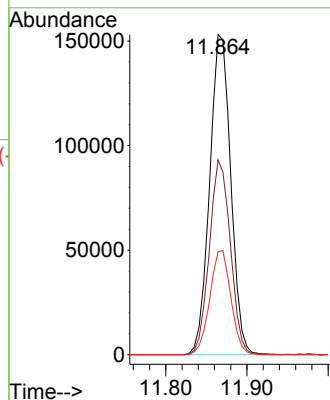
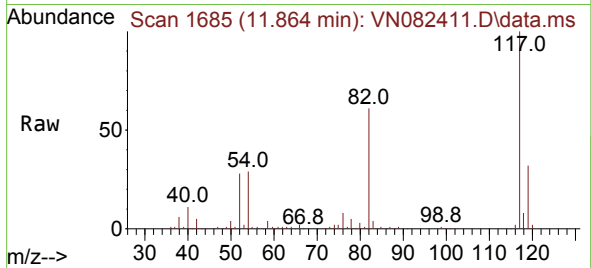




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

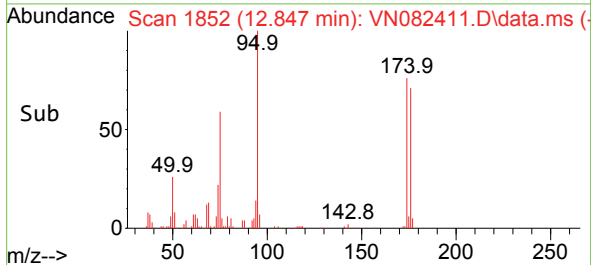
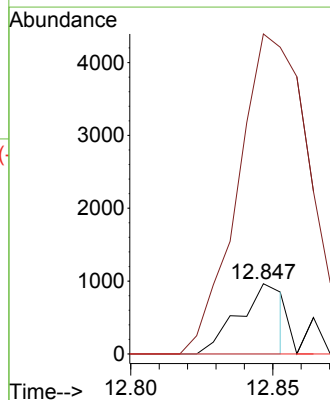
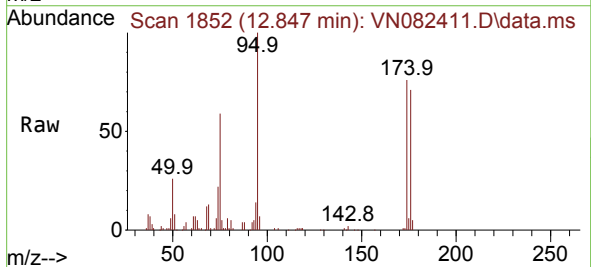
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

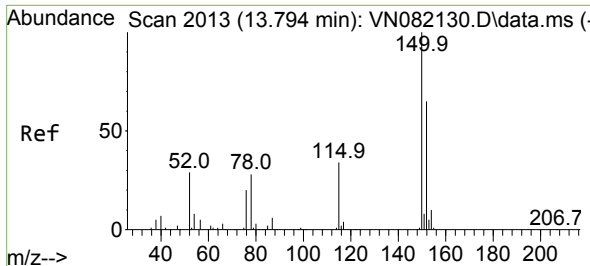
Tgt Ion:117 Resp: 276406
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 32.2 25.9 38.9



#71
Bromoform
Concen: 1.357 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

Tgt Ion:173 Resp: 1064
Ion Ratio Lower Upper
173 100
175 481.8 24.6 74.0#
254 0.0 0.0 0.0

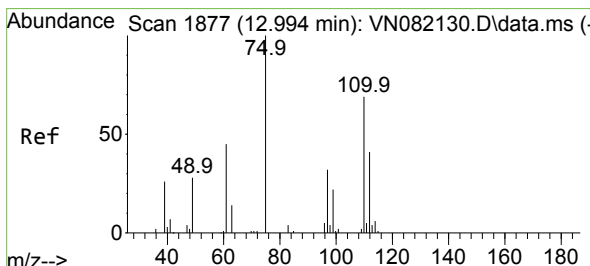
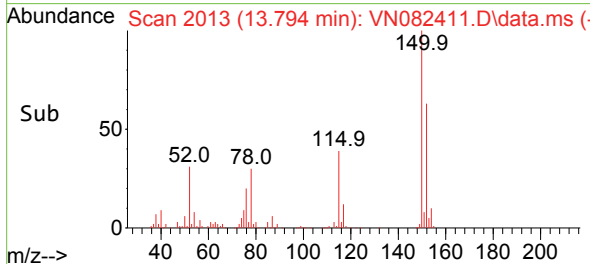
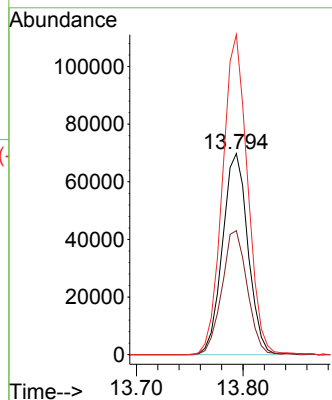
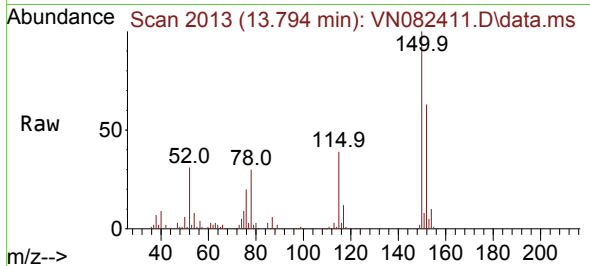




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082411.D
 Acq: 31 May 2024 16:22

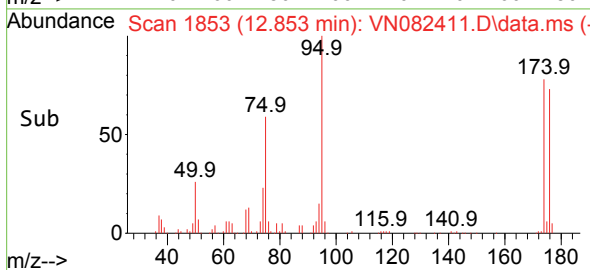
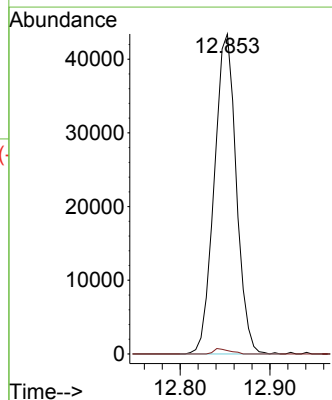
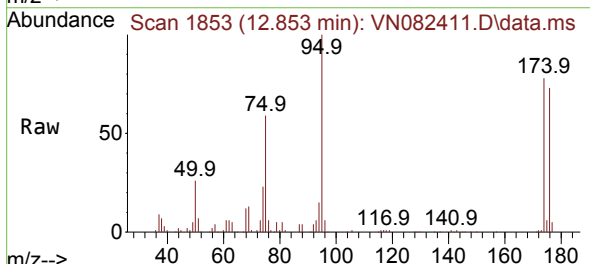
Instrument : MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

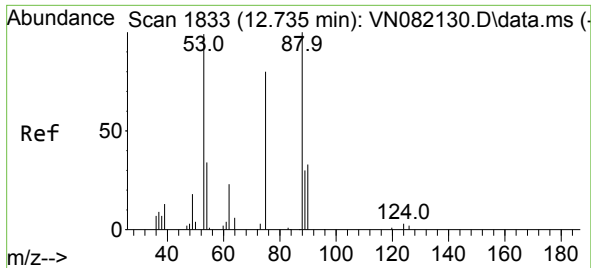
Tgt Ion:152 Resp: 115620
 Ion Ratio Lower Upper
 152 100
 115 61.6 30.4 91.3
 150 157.0 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 30.392 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082411.D
 Acq: 31 May 2024 16:22

Tgt Ion: 75 Resp: 73961
 Ion Ratio Lower Upper
 75 100
 77 1.2 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.087 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.117 min
 Lab File: VN082411.D
 Acq: 31 May 2024 16:22

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Tgt Ion: 75 Resp: 73961
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

