

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081881.D
 Acq On : 26 Apr 2024 16:32
 Operator : JC\MD
 Sample : P2282-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

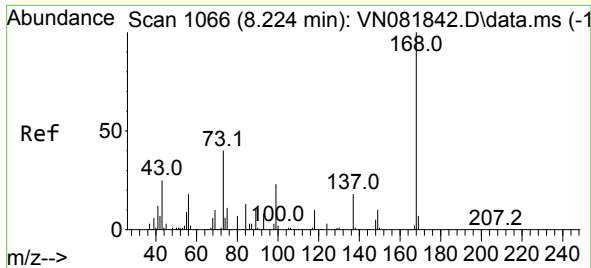
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Apr 26 23:02:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	235184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	434091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169550	42.716	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.440%
35) Dibromofluoromethane	8.171	113	128368	49.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	10.571	98	530535	51.685	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.847	95	189156	46.617	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.240%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	858	0.249	ug/l #	83
5) Bromomethane	2.965	94	846	Below Cal	#	3
6) Chloroethane	3.124	64	439	0.279	ug/l #	44
13) Acrolein	4.165	56	298	Below Cal	#	1
16) Acetone	4.448	43	3416	Below Cal	#	67
20) Methylene Chloride	5.265	84	830	0.244	ug/l #	73
31) Cyclohexane	8.230	56	6243	1.044	ug/l #	4
36) 1,1-Dichloropropene	8.218	75	22247	5.232	ug/l #	48
38) Carbon Tetrachloride	8.230	117	23615	5.683	ug/l #	16
76) 1,2,3-Trichloropropane	12.847	75	102060	25.698	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	102060	52.659	ug/l #	12

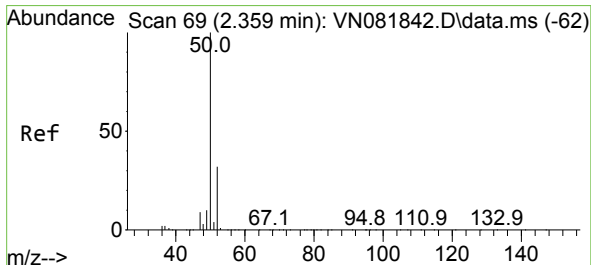
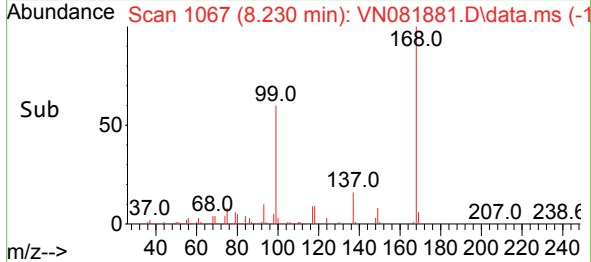
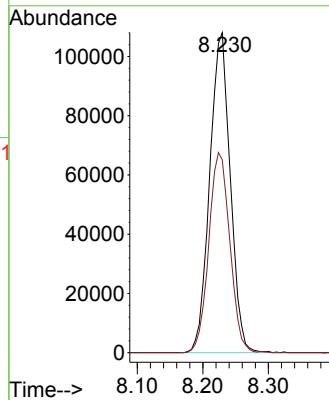
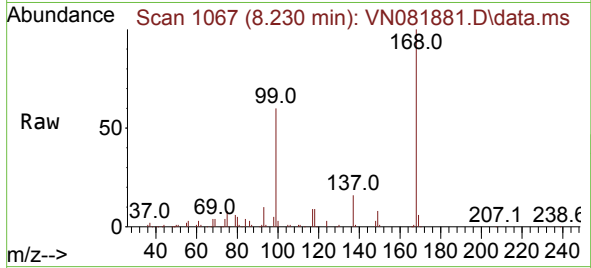
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

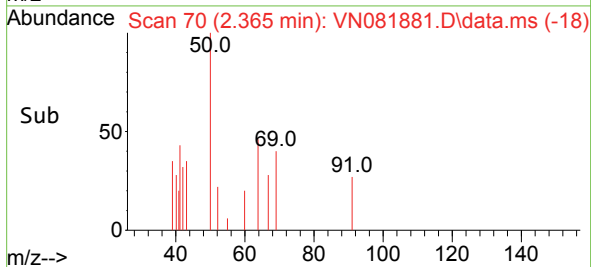
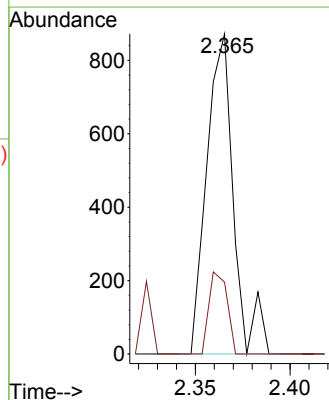
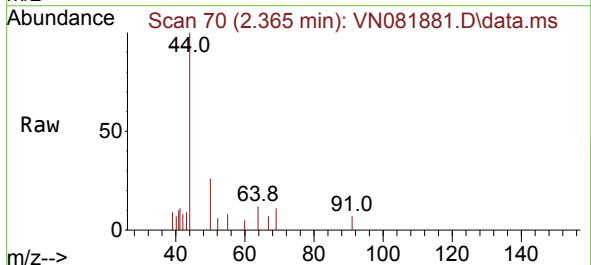
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

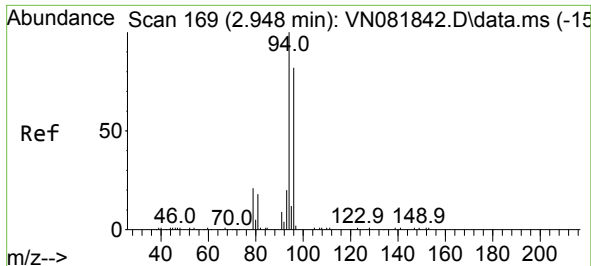
Tgt Ion:168 Resp: 235184
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#3
Chloromethane
Concen: 0.249 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

Tgt Ion: 50 Resp: 858
Ion Ratio Lower Upper
50 100
52 22.5 25.5 38.3#

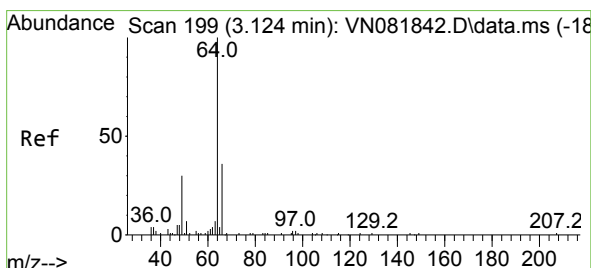
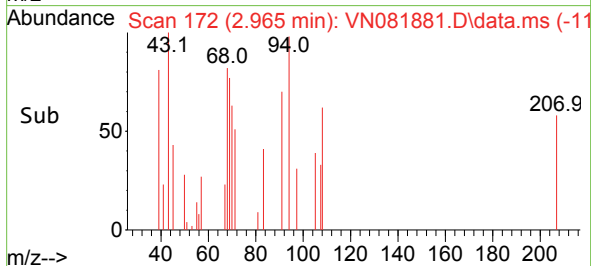
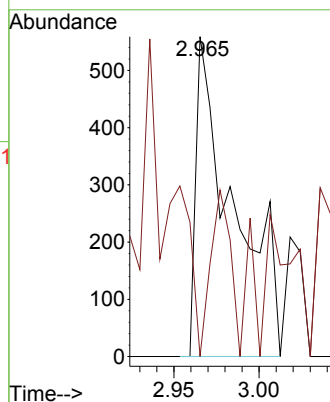
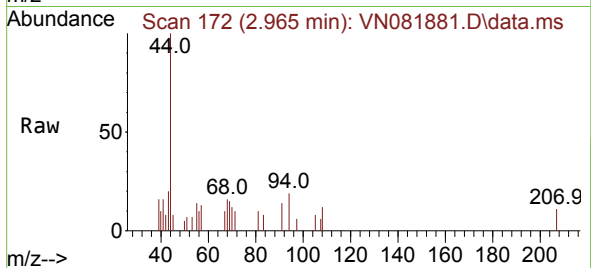




#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

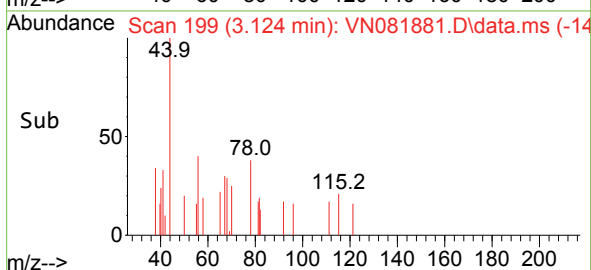
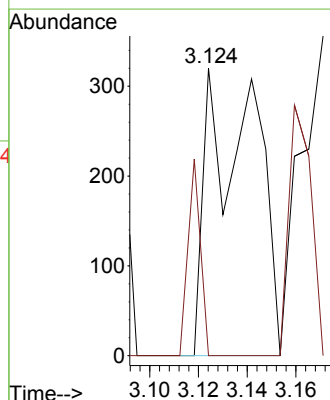
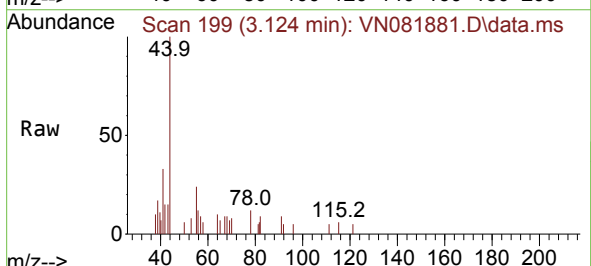
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

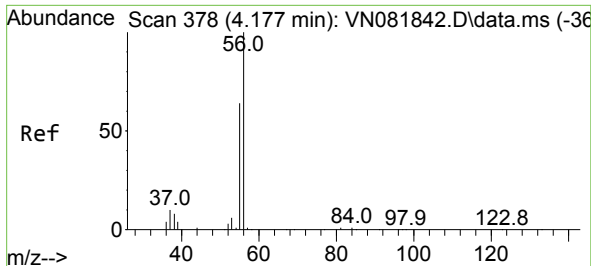
Tgt Ion: 94 Resp: 846
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#6
Chloroethane
Concen: 0.279 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

Tgt Ion: 64 Resp: 439
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

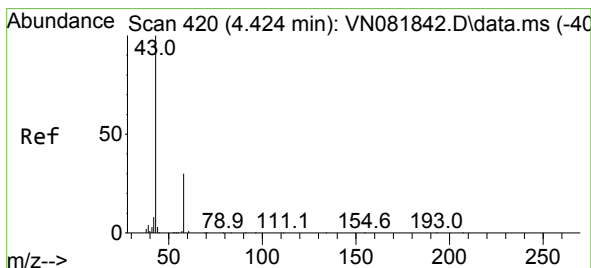
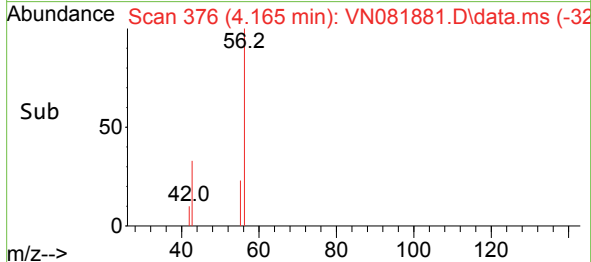
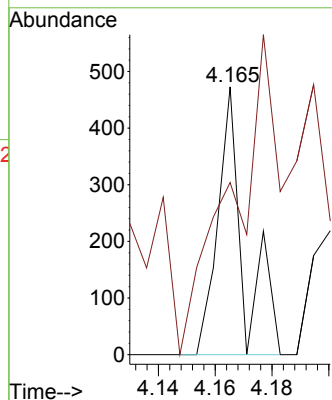
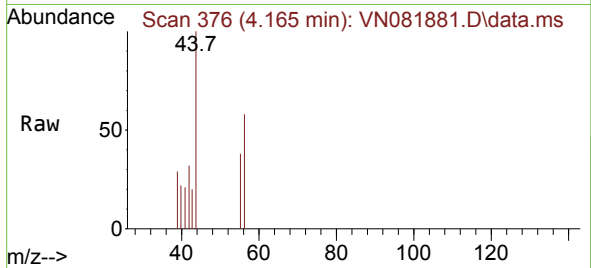




#13
Acrolein
Concen: Below Cal
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

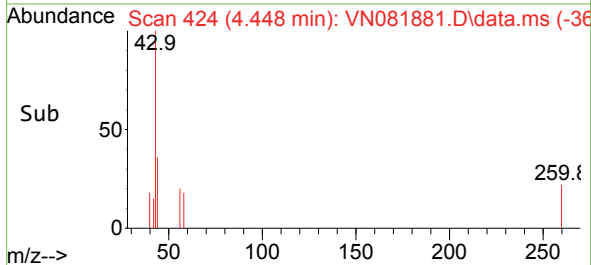
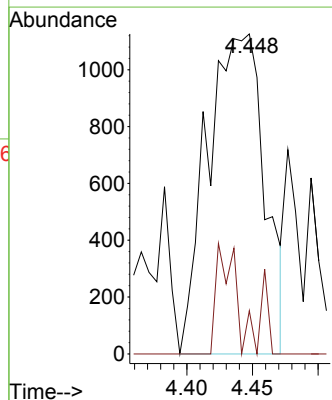
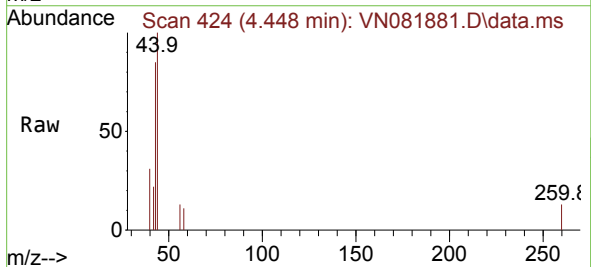
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

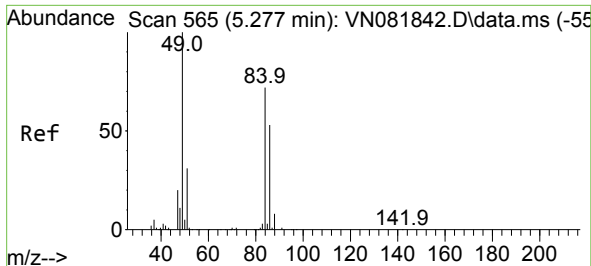
Tgt Ion: 56 Resp: 298
Ion Ratio Lower Upper
56 100
55 355.7 55.8 83.8#



#16
Acetone
Concen: Below Cal
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

Tgt Ion: 43 Resp: 3416
Ion Ratio Lower Upper
43 100
58 13.5 25.2 37.8#

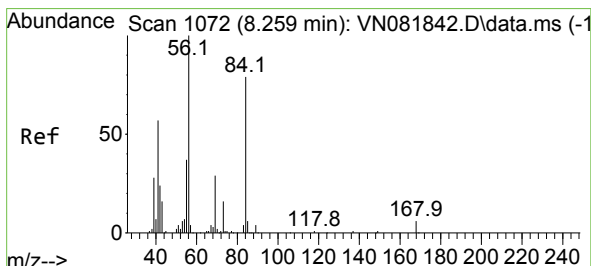
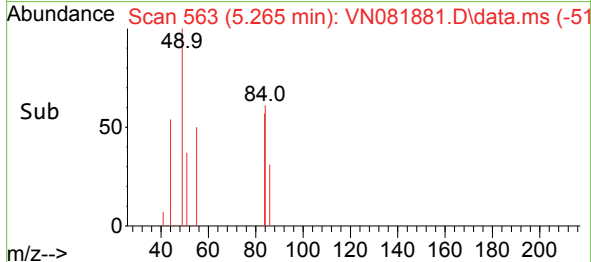
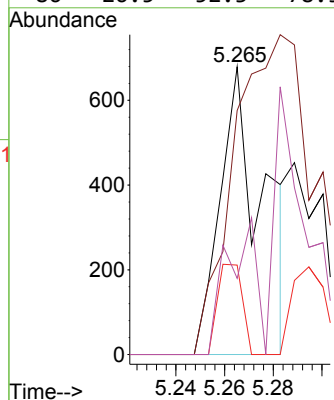
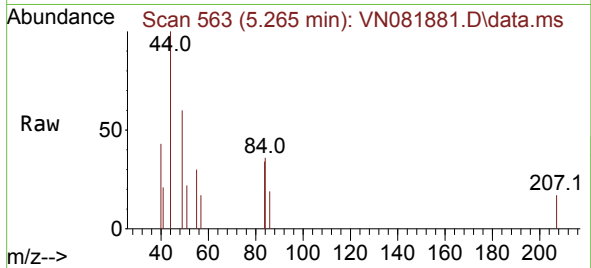




#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

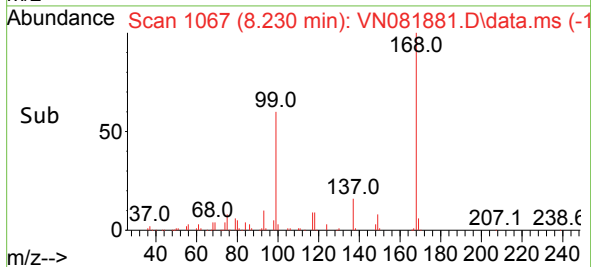
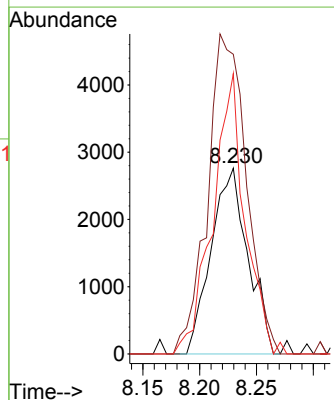
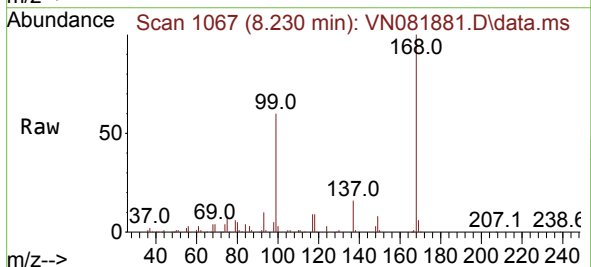
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

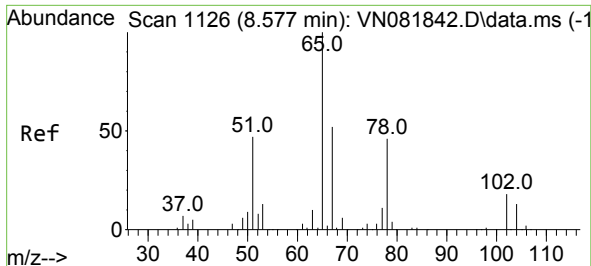
Tgt Ion:	84	Resp:	830
Ion	Ratio	Lower	Upper
84	100		
49	84.8	84.9	127.3#
51	31.1	27.0	40.6
86	26.5	52.3	78.5#



#31
Cyclohexane
Concen: 1.044 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

Tgt Ion:	56	Resp:	6243
Ion	Ratio	Lower	Upper
56	100		
69	161.4	24.4	36.6#
84	145.1	77.0	115.4#





#33

1,2-Dichloroethane-d4

Concen: 42.716 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081881.D

Acq: 26 Apr 2024 16:32

Instrument :

MSVOA_N

ClientSampleId :

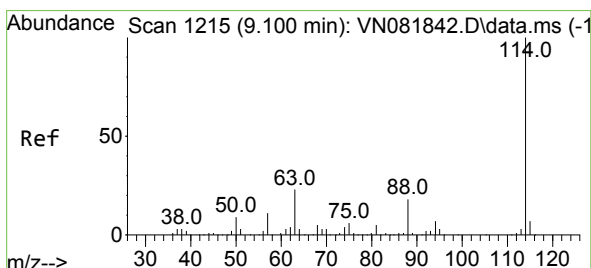
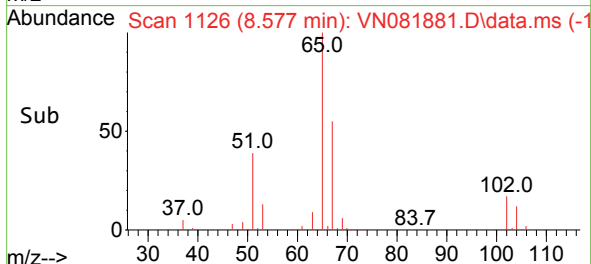
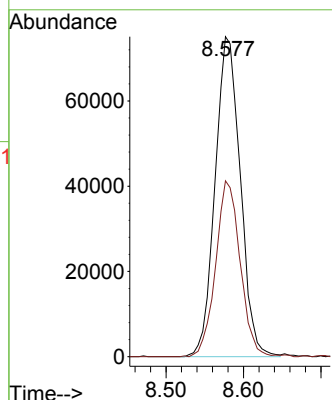
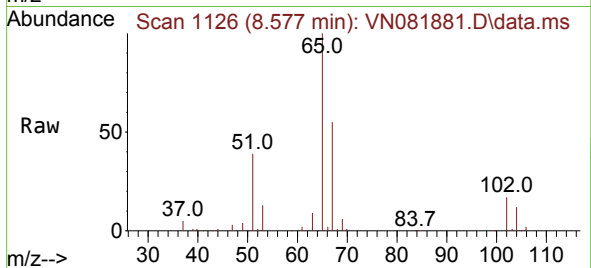
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 169550

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081881.D

Acq: 26 Apr 2024 16:32

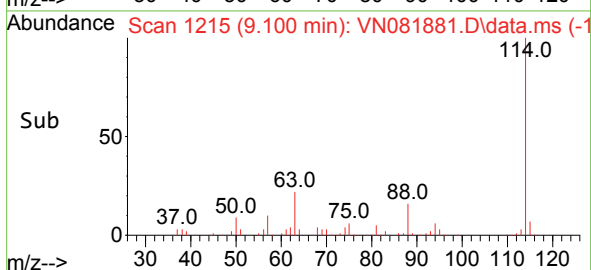
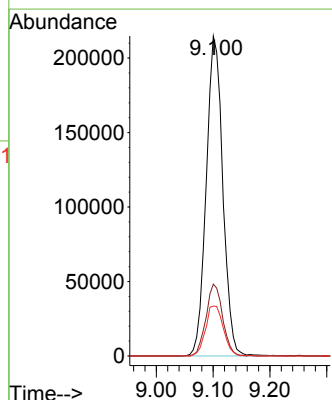
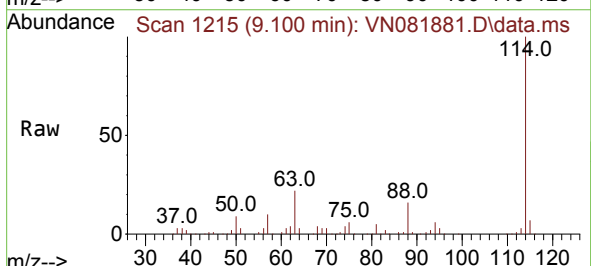
Tgt Ion: 114 Resp: 434091

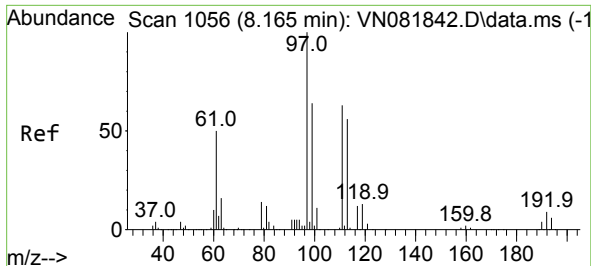
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.0

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.115 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081881.D

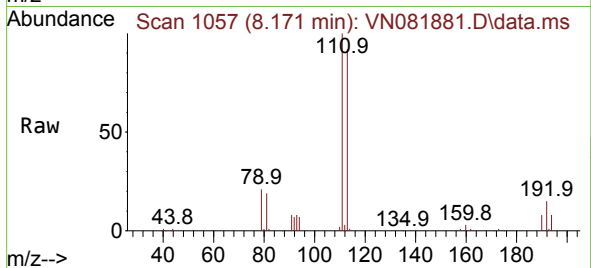
Acq: 26 Apr 2024 16:32

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



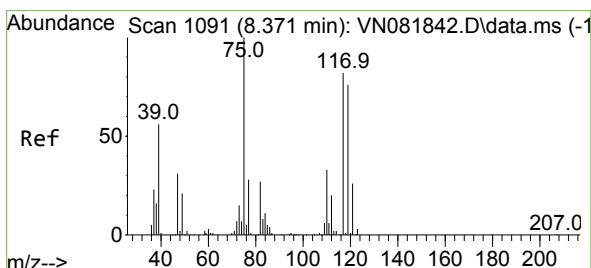
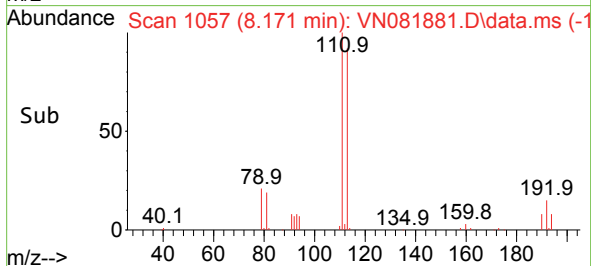
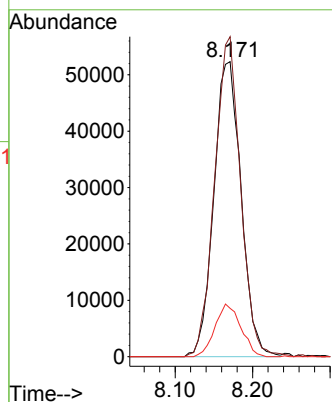
Tgt Ion:113 Resp: 128368

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 16.9 14.0 21.0



#36

1,1-Dichloropropene

Concen: 5.232 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN081881.D

Acq: 26 Apr 2024 16:32

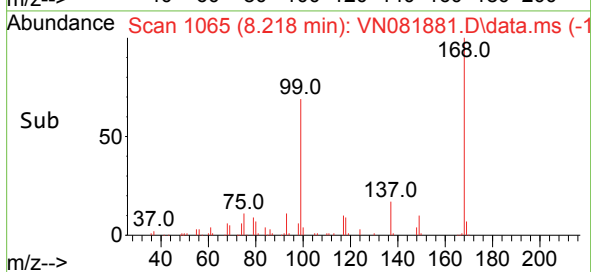
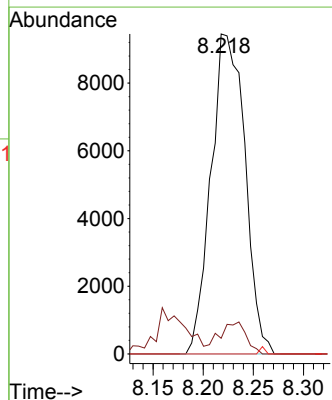
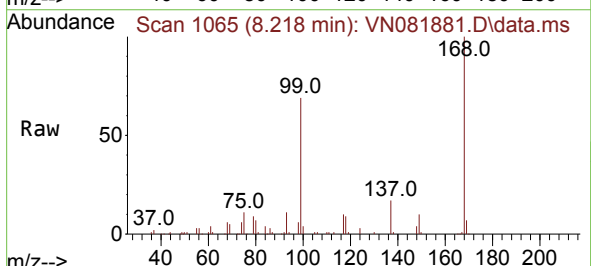
Tgt Ion: 75 Resp: 22247

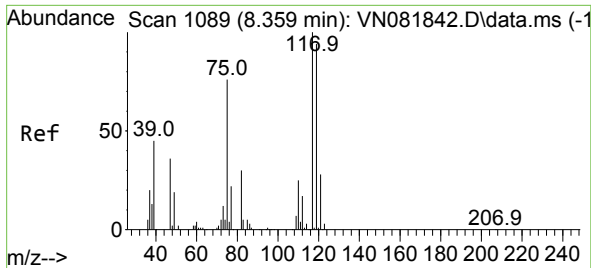
Ion Ratio Lower Upper

75 100

110 8.0 17.8 53.5#

77 0.0 25.0 37.4#

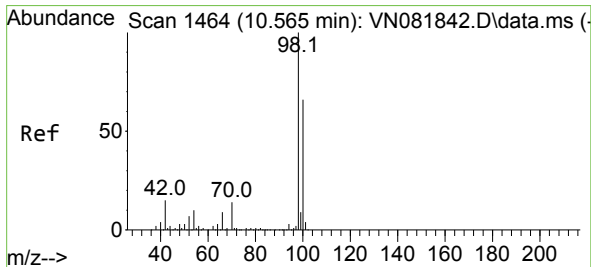
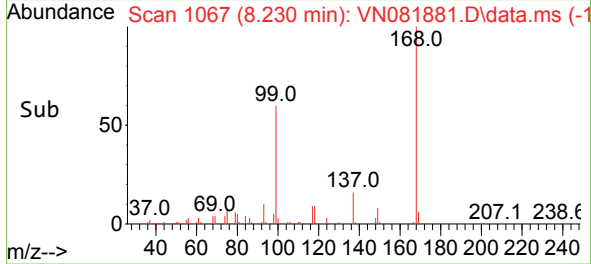
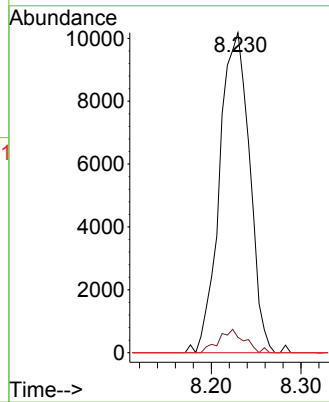
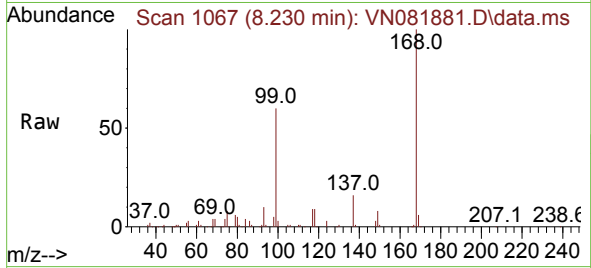




#38
Carbon Tetrachloride
Concen: 5.683 ug/l
RT: 8.230 min Scan# 1089
Delta R.T. -0.129 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

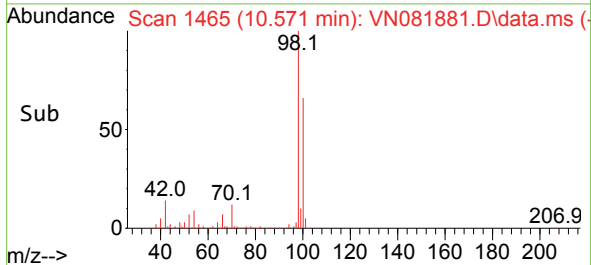
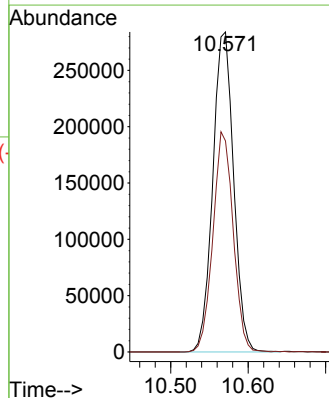
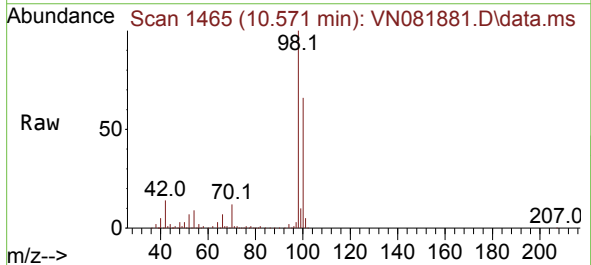
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

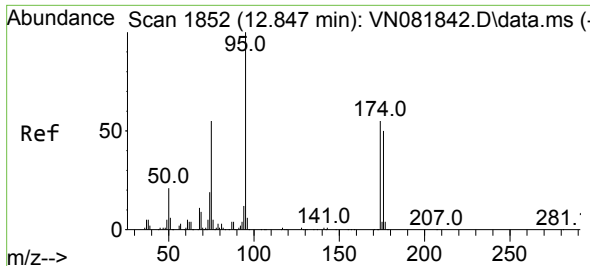
Tgt Ion:117 Resp: 23615
Ion Ratio Lower Upper
117 100
119 4.8 76.5 114.7#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 51.685 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

Tgt Ion: 98 Resp: 530535
Ion Ratio Lower Upper
98 100
100 66.9 51.8 77.6

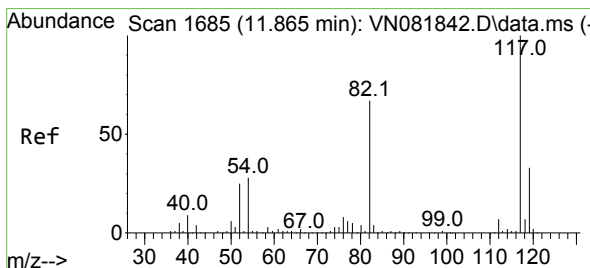
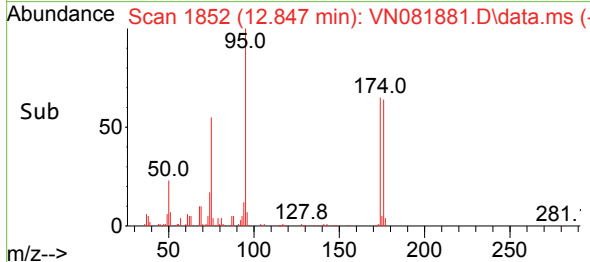
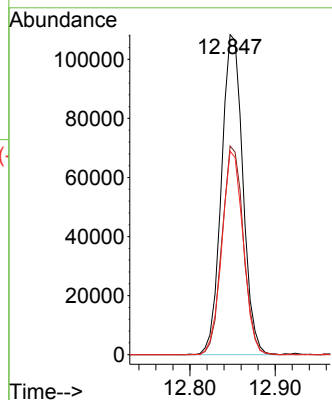
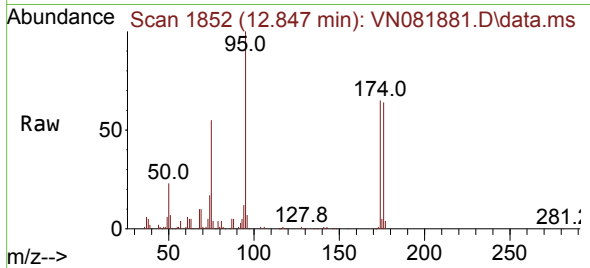




#62
4-Bromofluorobenzene
Concen: 46.617 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

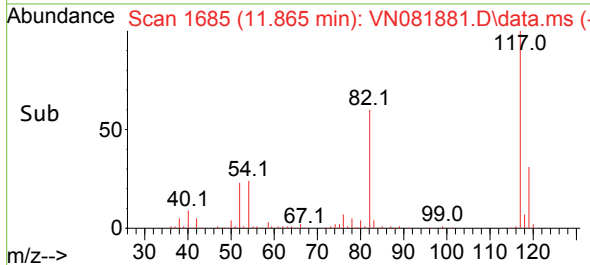
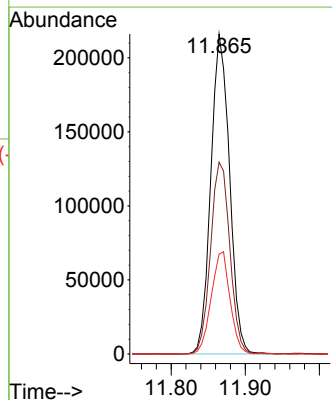
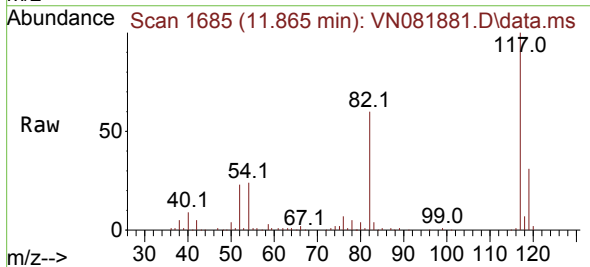
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

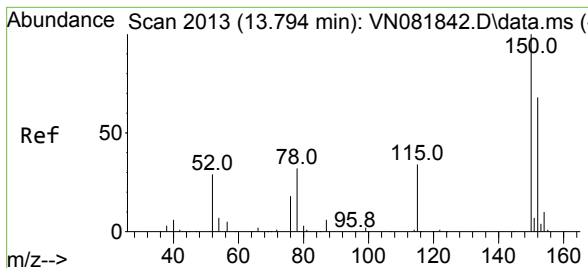
Tgt Ion: 95 Resp: 189156
Ion Ratio Lower Upper
95 100
174 65.1 0.0 160.6
176 63.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

Tgt Ion: 117 Resp: 379101
Ion Ratio Lower Upper
117 100
82 59.9 44.6 66.8
119 31.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN081881.D

Acq: 26 Apr 2024 16:32

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

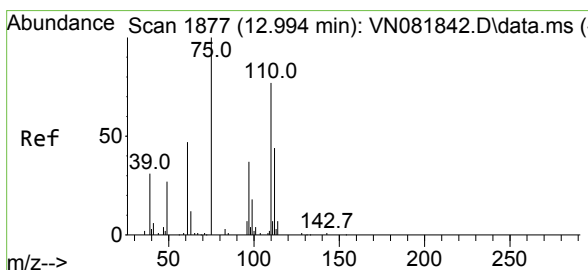
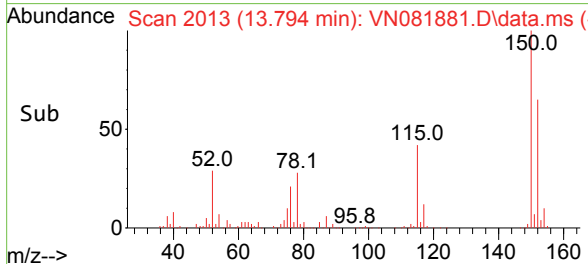
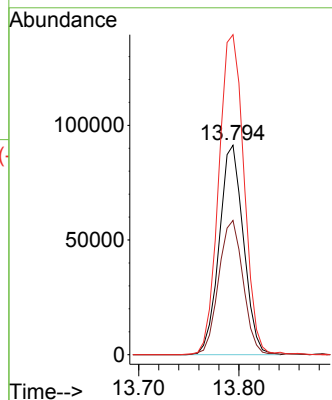
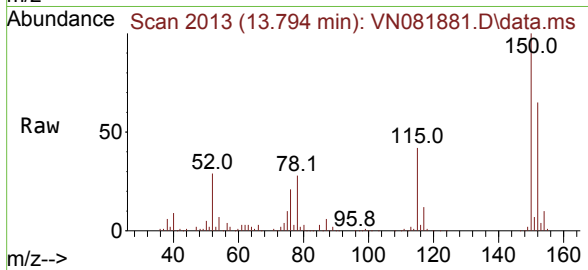
Tgt Ion:152 Resp: 153175

Ion Ratio Lower Upper

152 100

115 65.0 30.4 91.3

150 159.5 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 25.698 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081881.D

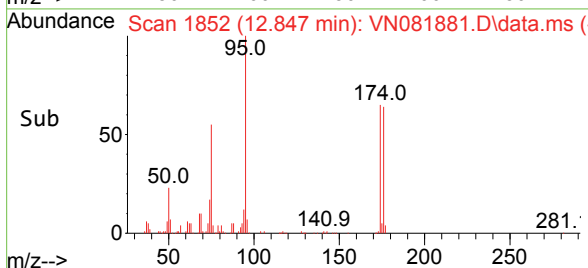
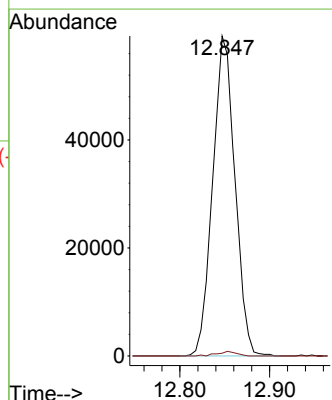
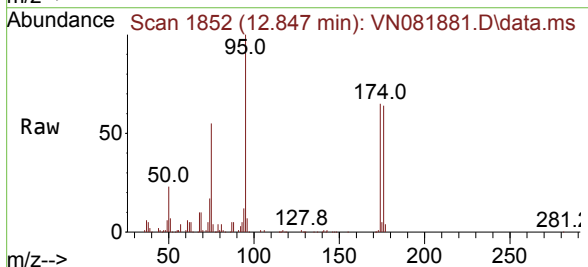
Acq: 26 Apr 2024 16:32

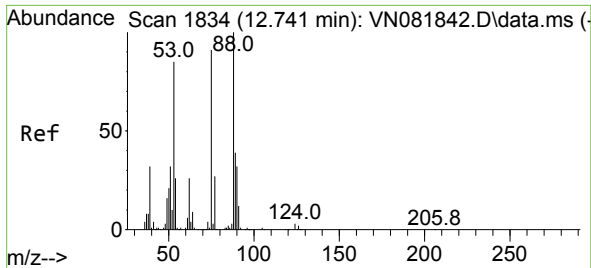
Tgt Ion: 75 Resp: 102060

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 52.659 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN081881.D
Acq: 26 Apr 2024 16:32

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

Tgt Ion: 75 Resp: 102060
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.1 39.1 58.7#

