

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081062.D
 Acq On : 16 Feb 2024 18:54
 Operator : JC\MD
 Sample : P1519-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 16 23:50:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

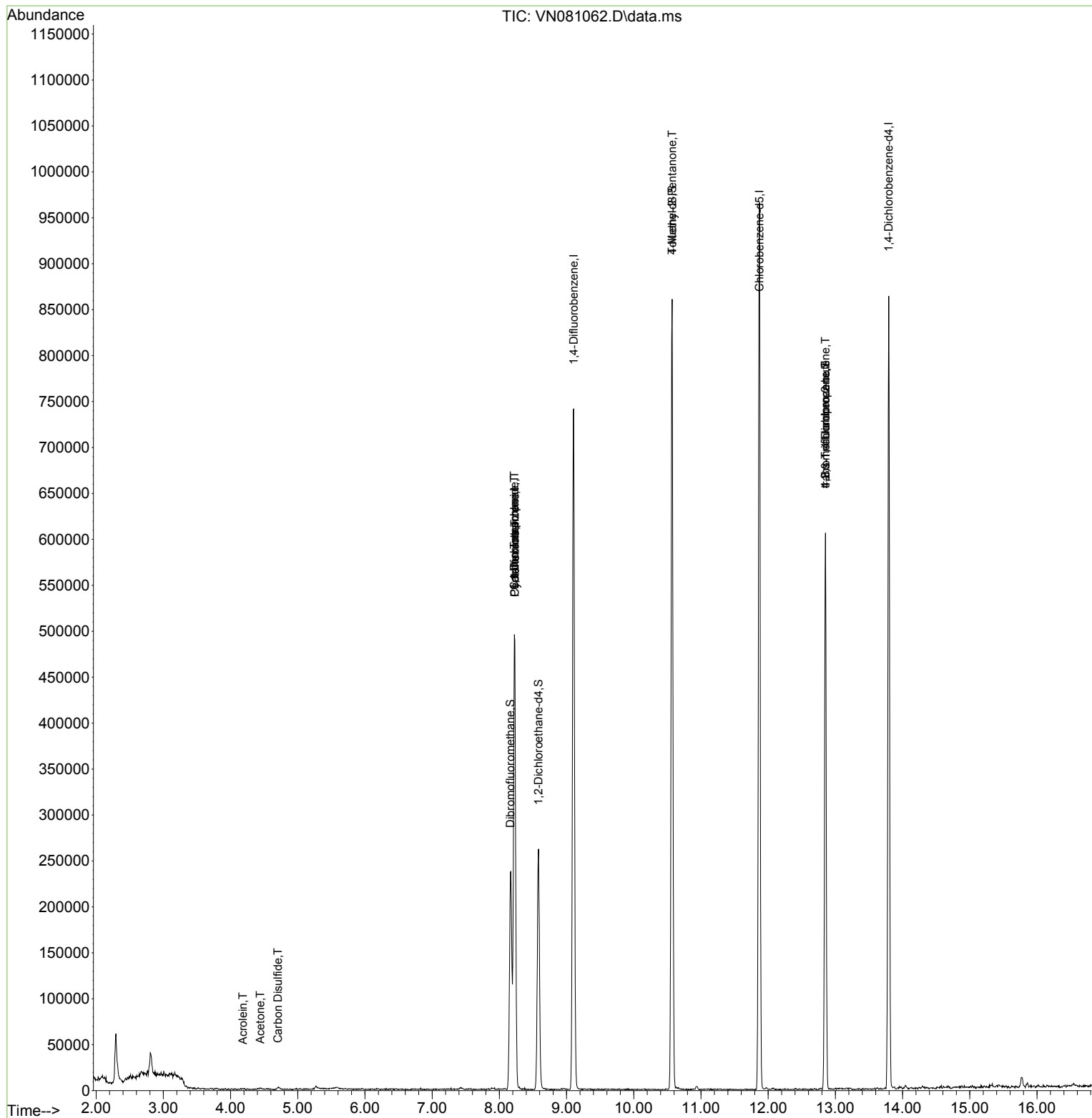
Internal Standards						
1) Pentafluorobenzene	8.230	168	346433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	656580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	564016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	211519	49.813	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.620%		
35) Dibromofluoromethane	8.165	113	175677	47.317	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.640%		
50) Toluene-d8	10.571	98	589812	44.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.460%		
62) 4-Bromofluorobenzene	12.853	95	214105	43.210	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.420%		
Target Compounds						
3) Chloromethane	2.359	50	2286	Below Cal	Qvalue 93	
6) Chloroethane	3.089	64	862	Below Cal	# 42	
13) Acrolein	4.183	56	364	0.870 ug/l	# 52	
16) Acetone	4.442	43	2471	1.479 ug/l	# 60	
17) Carbon Disulfide	4.706	76	2280	0.209 ug/l	# 78	
20) Methylene Chloride	5.271	84	370	Below Cal	# 28	
31) Cyclohexane	8.230	56	9235	1.260 ug/l	# 1	
36) 1,1-Dichloropropene	8.224	75	30492	4.794 ug/l	# 53	
38) Carbon Tetrachloride	8.224	117	40634	6.314 ug/l	# 17	
49) 1,4-Dioxane	9.712	88	141	Below Cal	# 37	
51) 4-Methyl-2-Pentanone	10.571	43	3042	0.527 ug/l	# 1	
76) 1,2,3-Trichloropropane	12.853	75	113520	21.770 ug/l	# 1	
81) trans-1,4-Dichloro-2-b...	12.853	75	113520	56.035 ug/l	# 14	

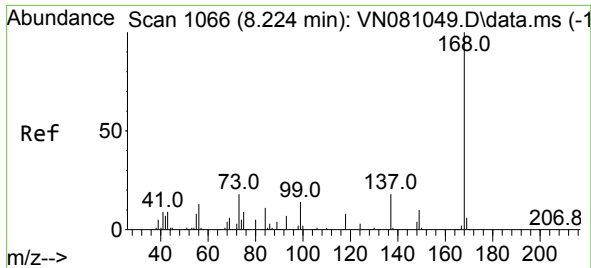
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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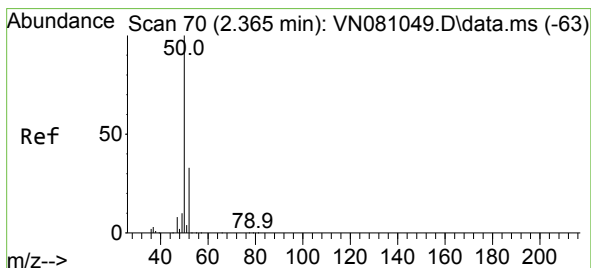
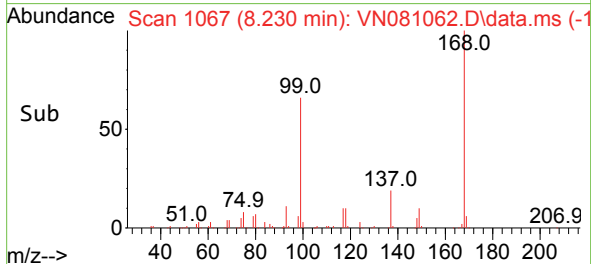
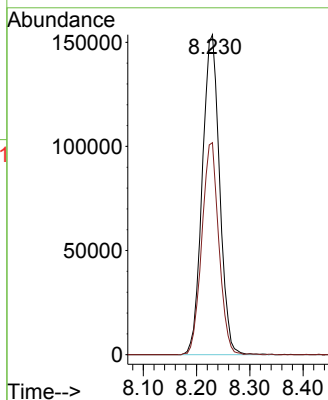
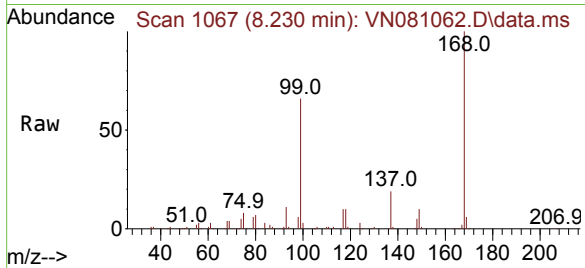




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

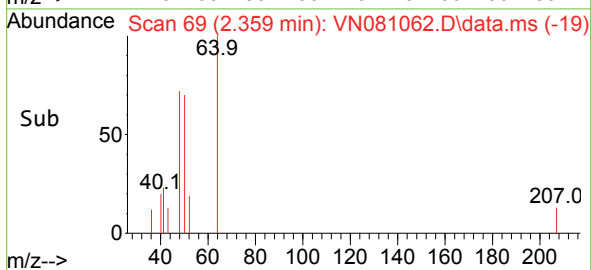
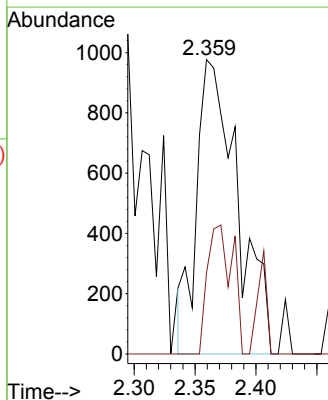
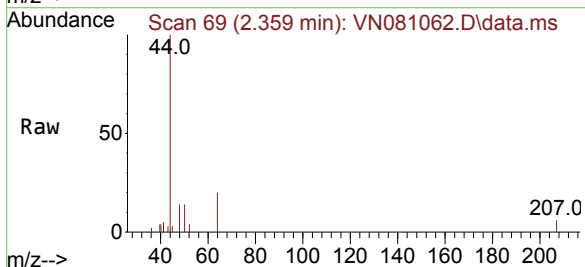
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

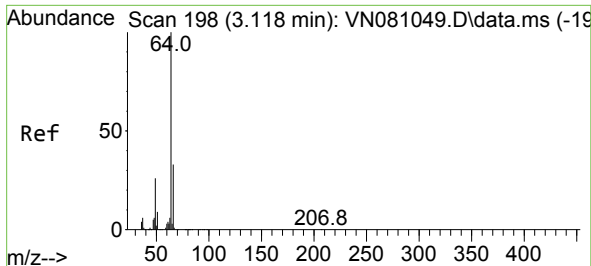
Tgt Ion:168 Resp: 346433
Ion Ratio Lower Upper
168 100
99 66.3 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

Tgt Ion: 50 Resp: 2286
Ion Ratio Lower Upper
50 100
52 27.5 25.0 37.4

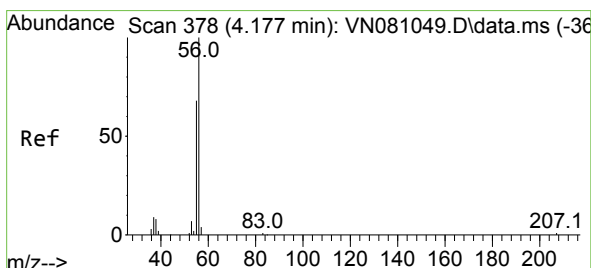
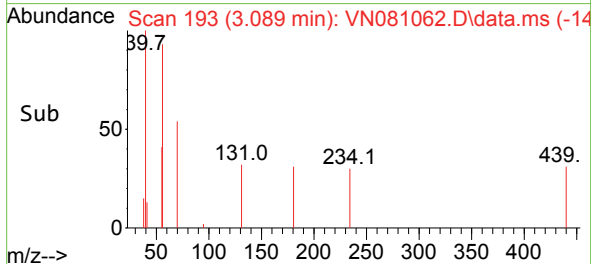
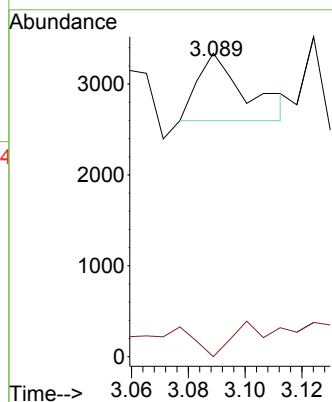
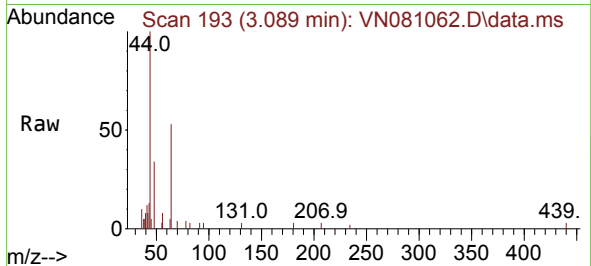




#6
Chloroethane
Concen: Below Cal
RT: 3.089 min Scan# 198
Delta R.T. -0.029 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

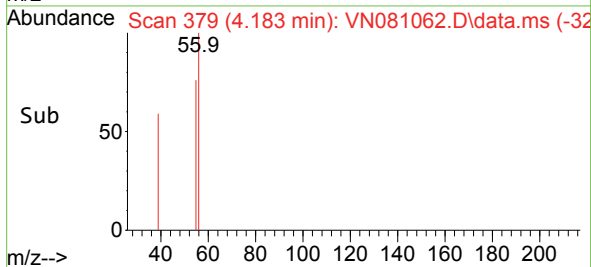
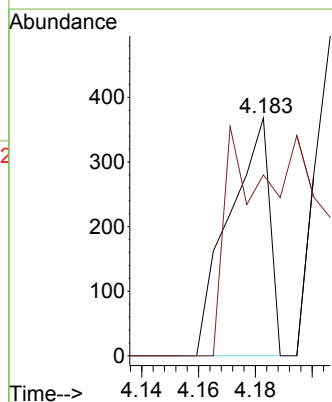
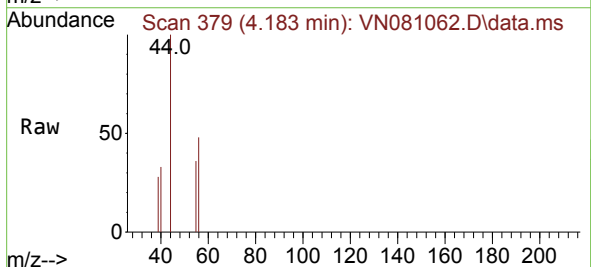
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

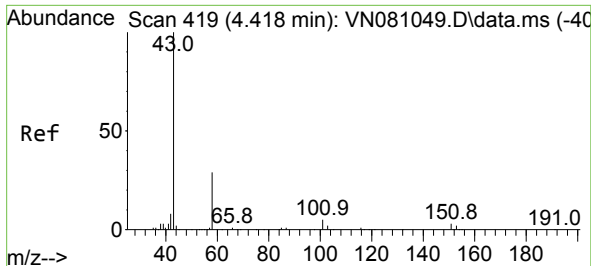
Tgt Ion: 64 Resp: 862
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 0.870 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

Tgt Ion: 56 Resp: 364
Ion Ratio Lower Upper
56 100
55 108.0 55.3 82.9#

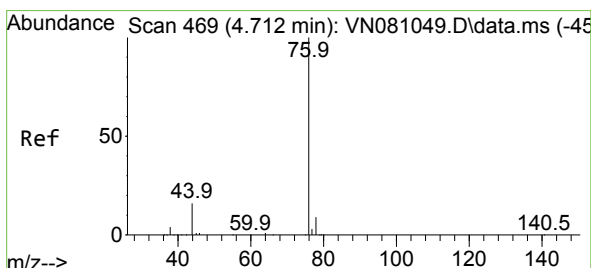
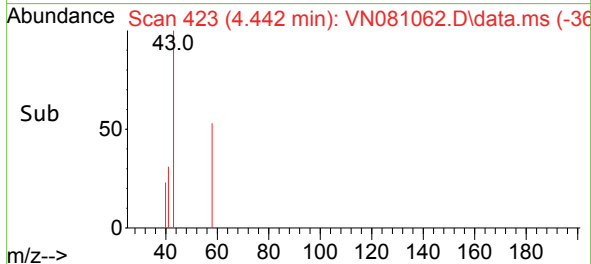
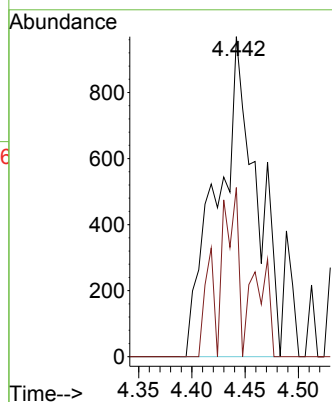
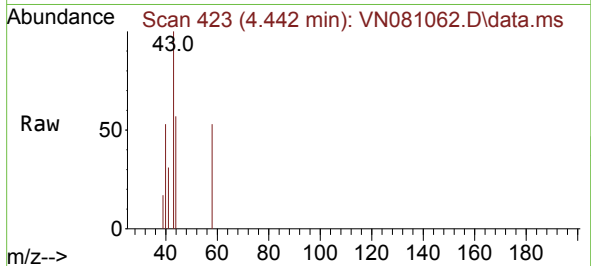




#16
Acetone
Concen: 1.479 ug/l
RT: 4.442 min Scan# 419
Delta R.T. 0.023 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

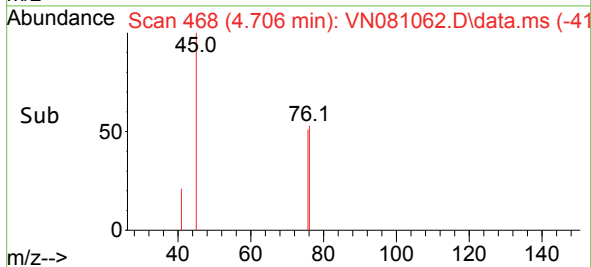
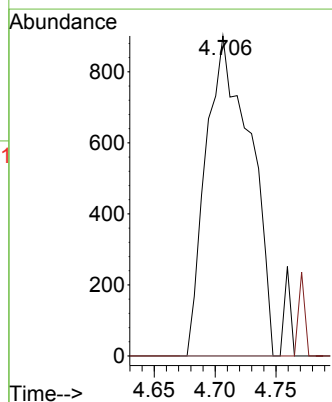
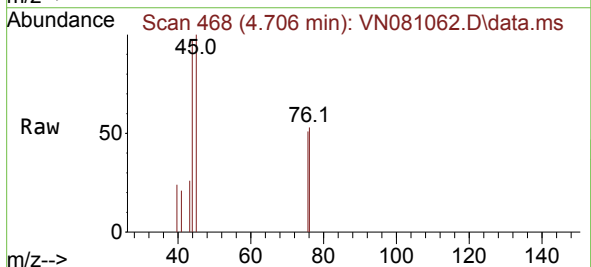
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

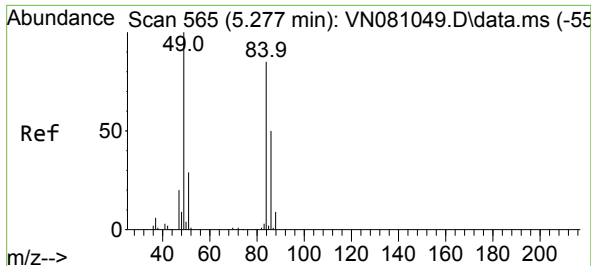
Tgt Ion: 43 Resp: 2471
Ion Ratio Lower Upper
43 100
58 52.8 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.209 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

Tgt Ion: 76 Resp: 2280
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#

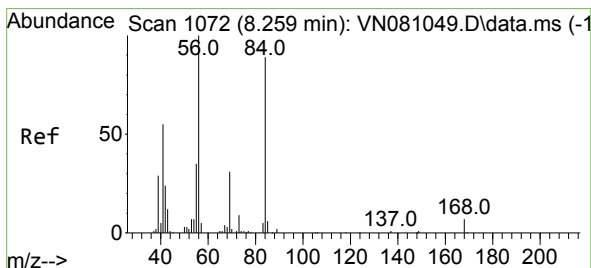
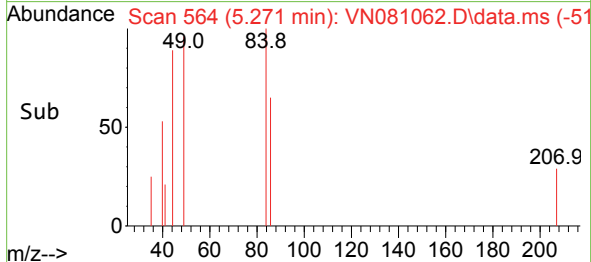
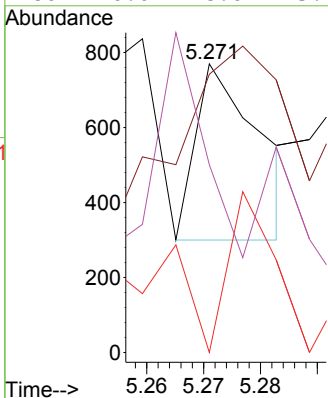
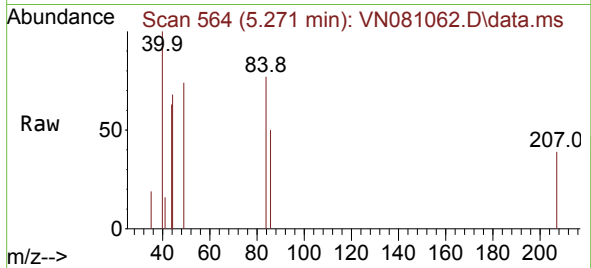




#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

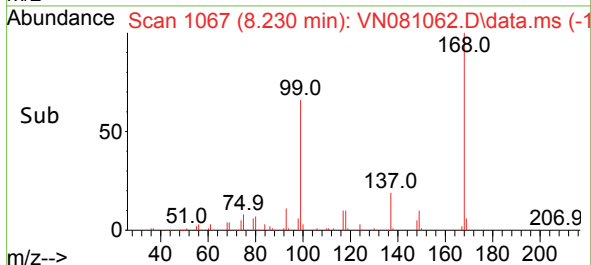
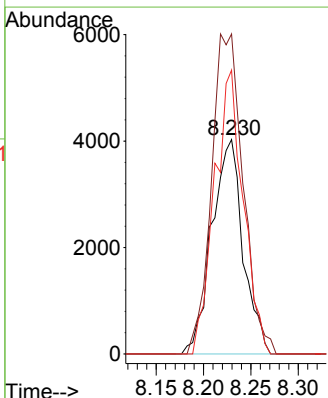
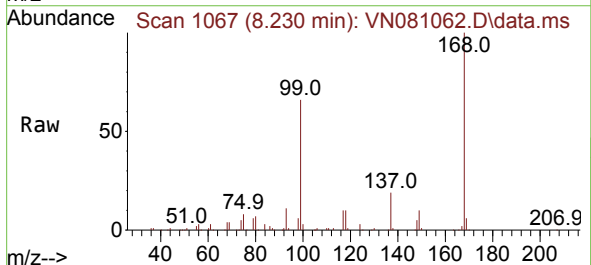
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

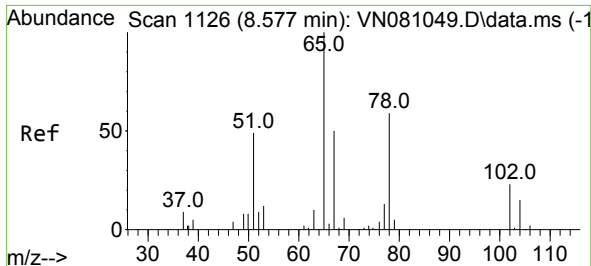
Tgt Ion:	84	Resp:	370
Ion	Ratio	Lower	Upper
84	100		
49	51.3	108.1	162.1#
51	0.0	32.9	49.3#
86	0.0	48.6	73.0#



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

Tgt Ion:	56	Resp:	9235
Ion	Ratio	Lower	Upper
56	100		
69	149.2	20.1	30.1#
84	132.3	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 49.813 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081062.D

Acq: 16 Feb 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

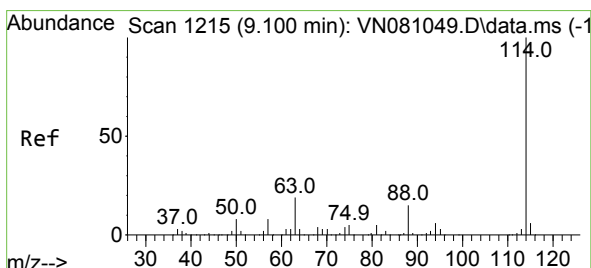
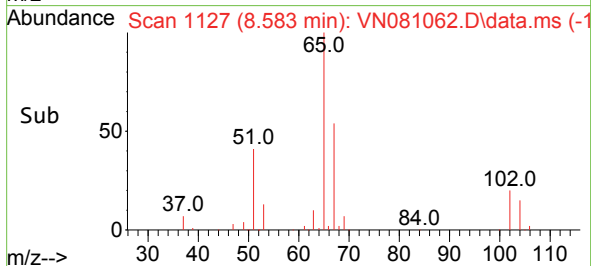
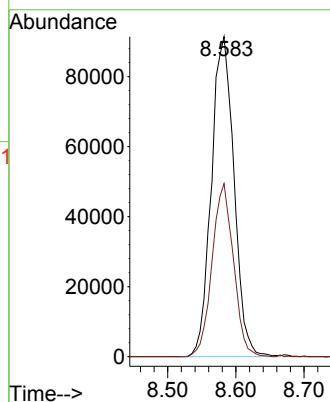
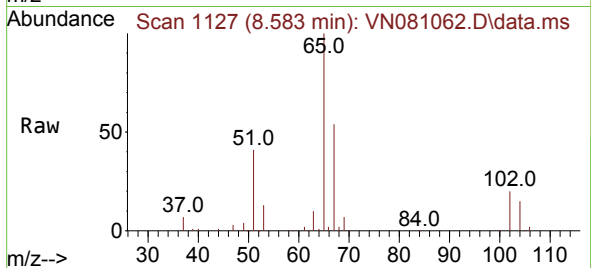
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 211519

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081062.D

Acq: 16 Feb 2024 18:54

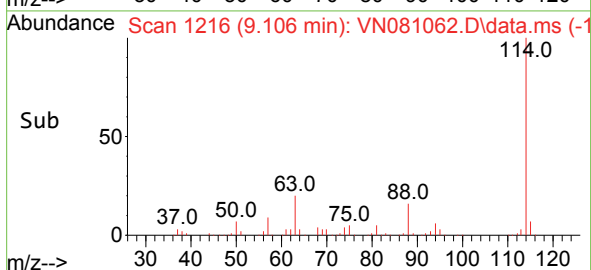
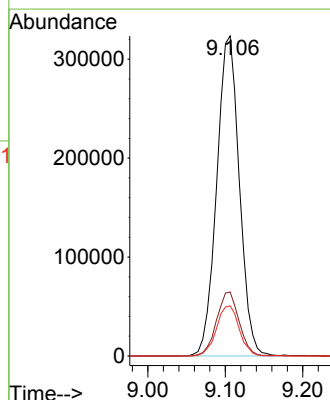
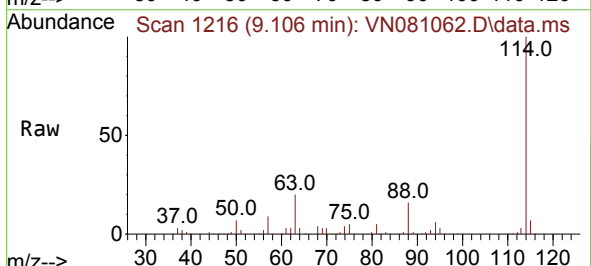
Tgt Ion: 114 Resp: 656580

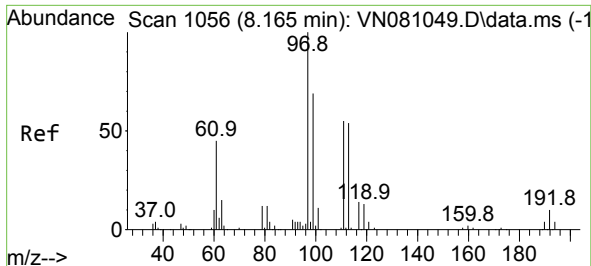
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 15.7 0.0 34.8

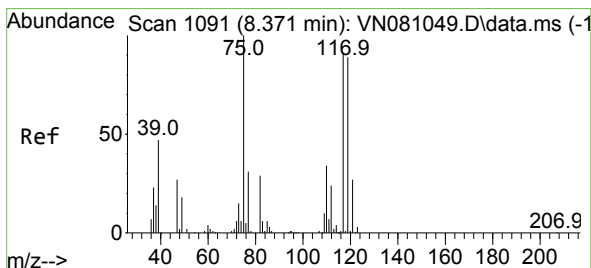
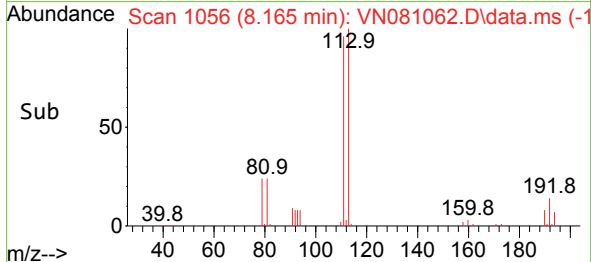
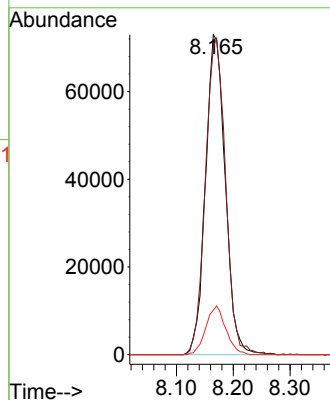
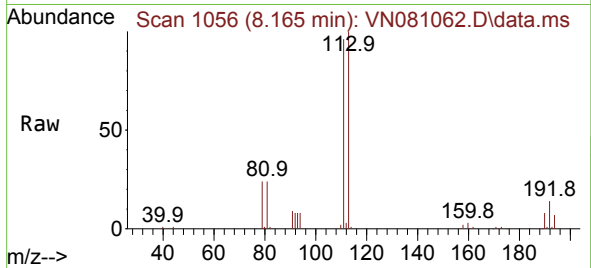




#35
Dibromofluoromethane
Concen: 47.317 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

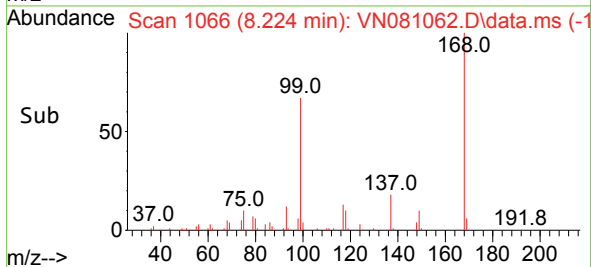
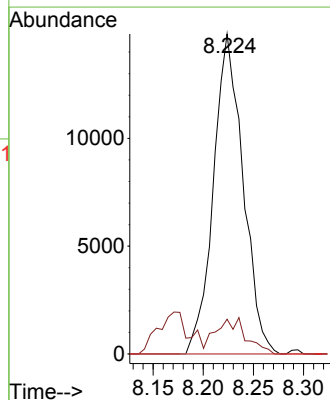
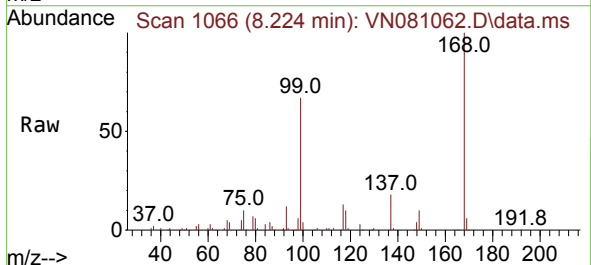
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

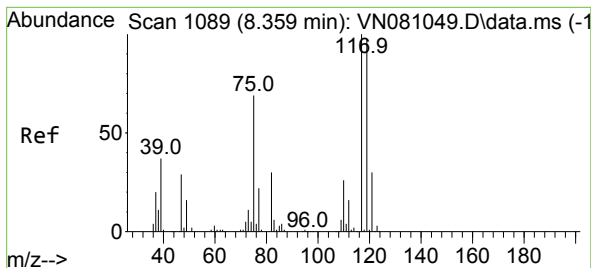
Tgt Ion:113 Resp: 175677
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 15.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

Tgt Ion: 75 Resp: 30492
Ion Ratio Lower Upper
75 100
110 11.4 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.314 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081062.D

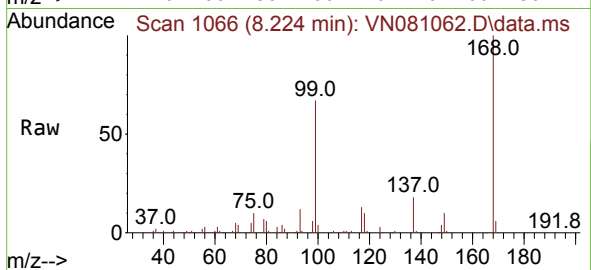
Acq: 16 Feb 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



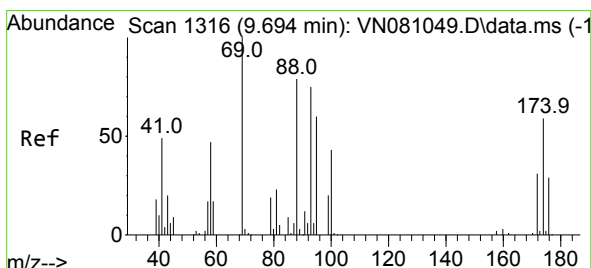
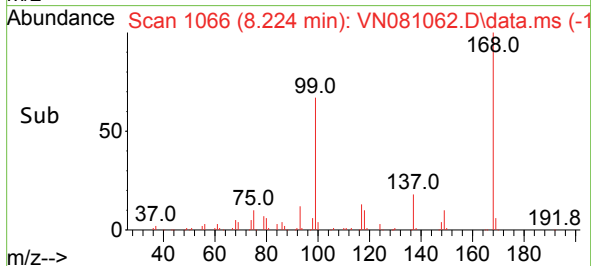
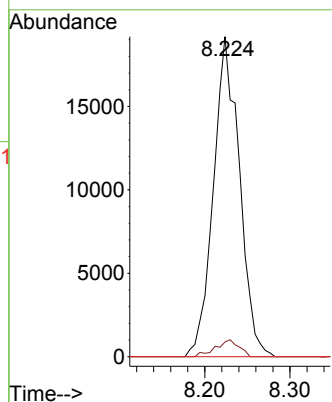
Tgt Ion:117 Resp: 40634

Ion Ratio Lower Upper

117 100

119 4.6 73.4 110.2#

121 0.0 24.4 36.6#



#49

1,4-Dioxane

Concen: Below Cal

RT: 9.712 min Scan# 1319

Delta R.T. 0.018 min

Lab File: VN081062.D

Acq: 16 Feb 2024 18:54

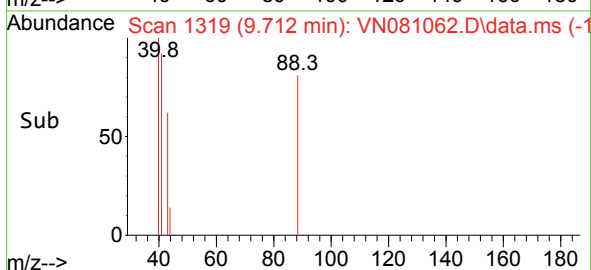
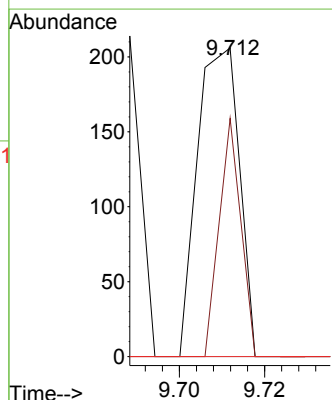
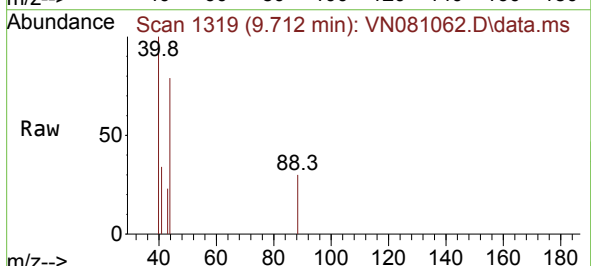
Tgt Ion: 88 Resp: 141

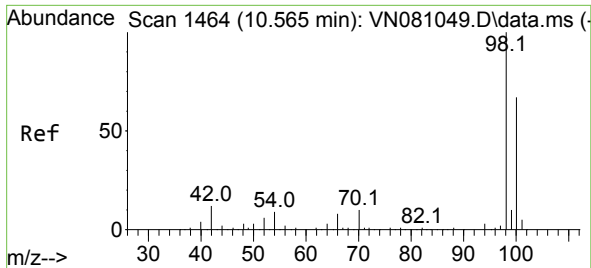
Ion Ratio Lower Upper

88 100

43 39.7 30.1 45.1

58 0.0 63.9 95.9#

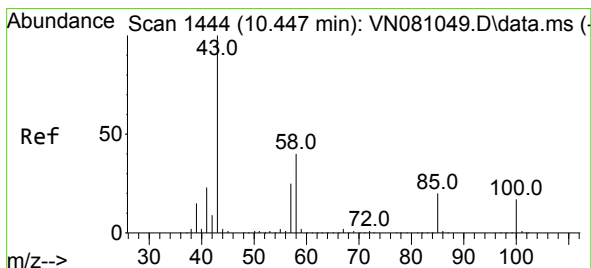
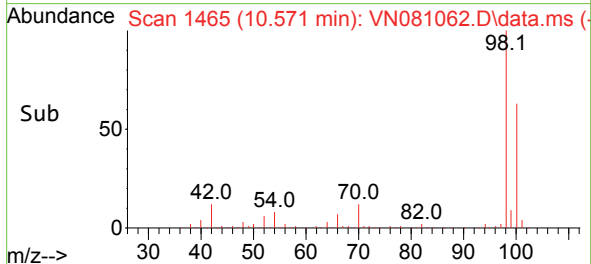
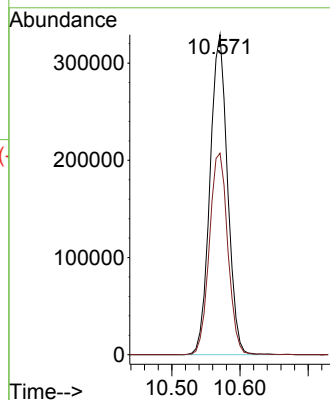
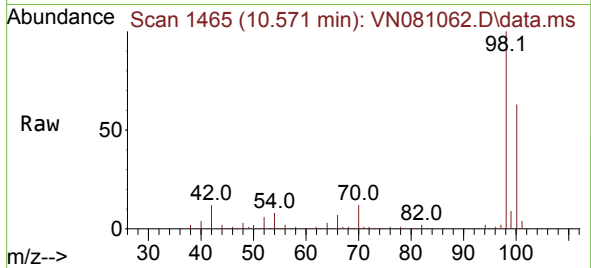




#50
Toluene-d8
Concen: 44.728 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

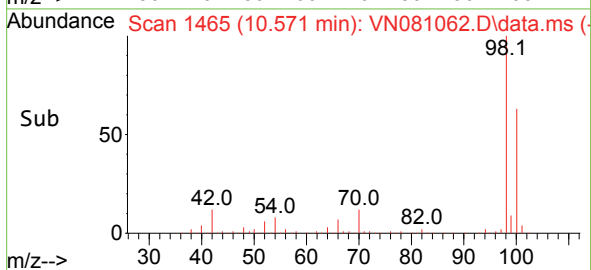
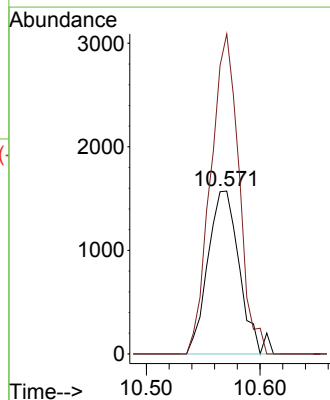
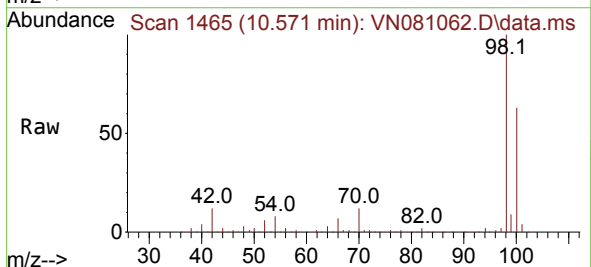
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

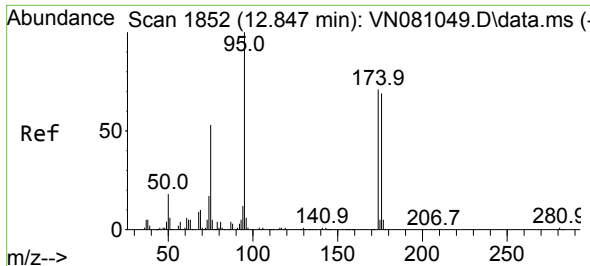
Tgt Ion: 98 Resp: 589812
Ion Ratio Lower Upper
98 100
100 65.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

Tgt Ion: 43 Resp: 3042
Ion Ratio Lower Upper
43 100
58 175.9 29.4 44.0#

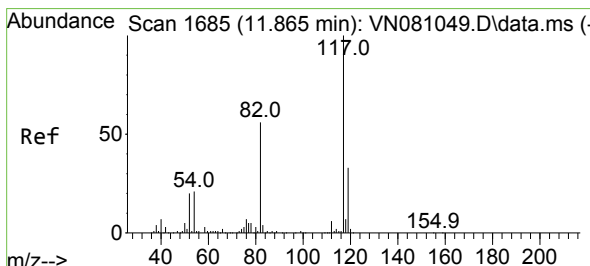
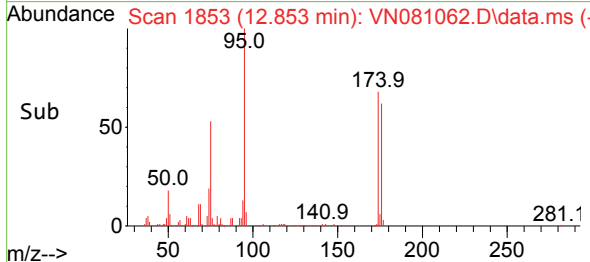
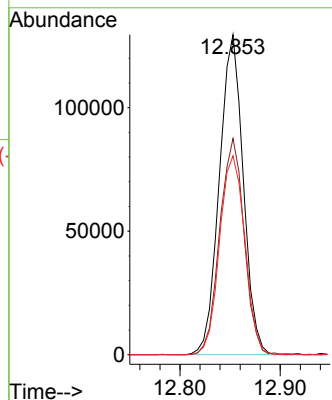
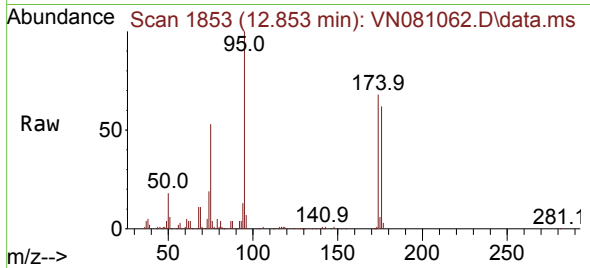




#62
4-Bromofluorobenzene
Concen: 43.210 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

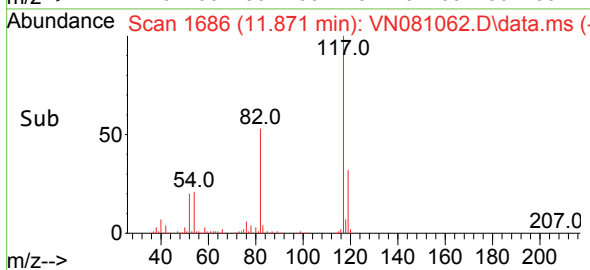
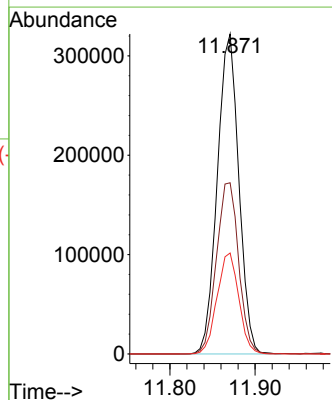
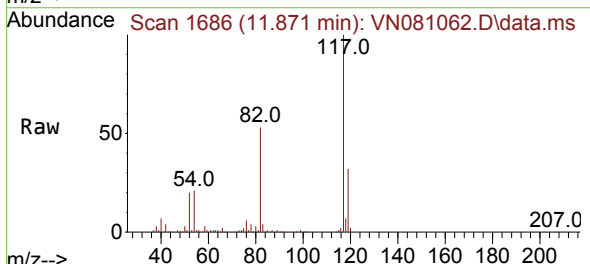
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

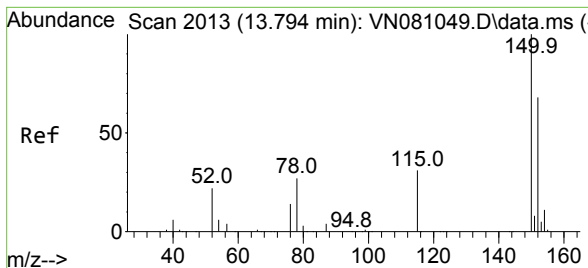
Tgt Ion: 95 Resp: 214105
Ion Ratio Lower Upper
95 100
174 68.9 0.0 120.4
176 65.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

Tgt Ion: 117 Resp: 564016
Ion Ratio Lower Upper
117 100
82 53.5 52.7 79.1
119 31.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081062.D

Acq: 16 Feb 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

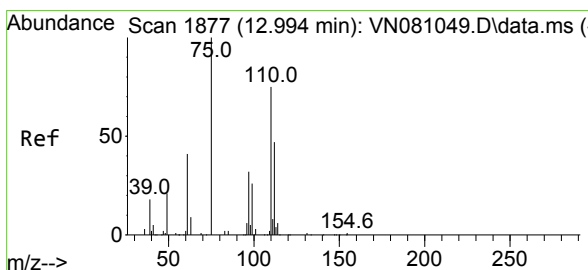
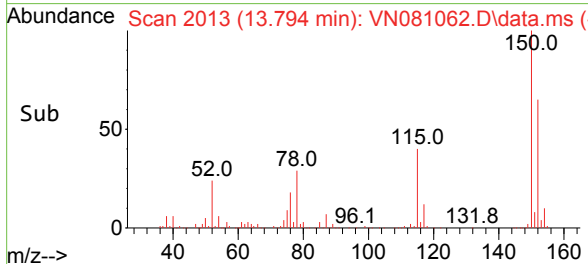
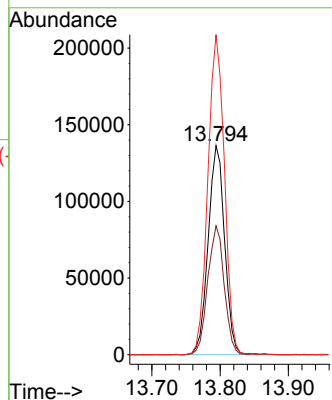
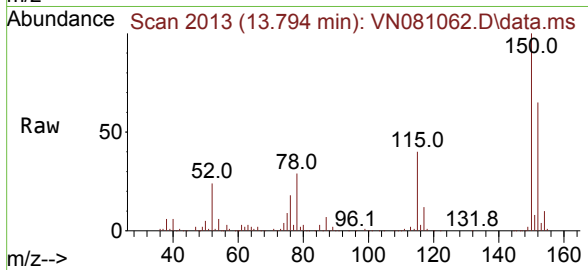
Tgt Ion:152 Resp: 229504

Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 153.7 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 21.770 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081062.D

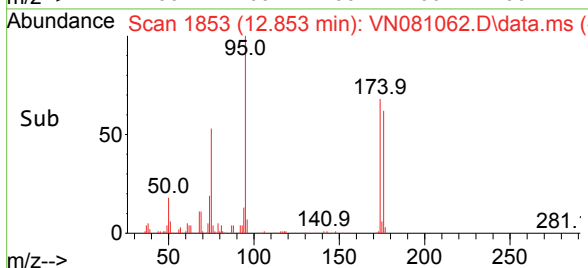
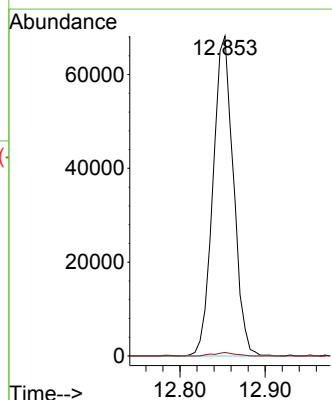
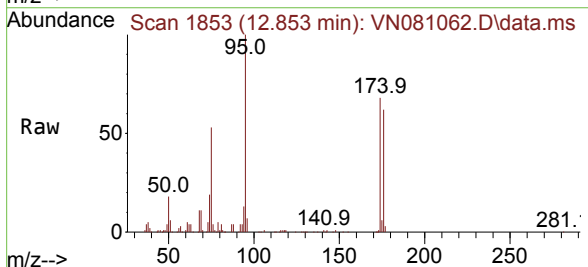
Acq: 16 Feb 2024 18:54

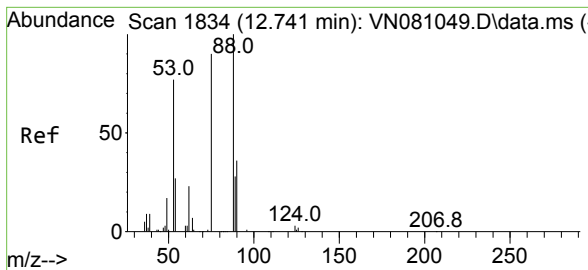
Tgt Ion: 75 Resp: 113520

Ion Ratio Lower Upper

75 100

77 1.1 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.035 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081062.D
 Acq: 16 Feb 2024 18:54

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

Tgt Ion: 75 Resp: 113520
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

