

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081570.D
 Acq On : 25 Mar 2024 18:52
 Operator : JC\MD
 Sample : P1840-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 26 01:22:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

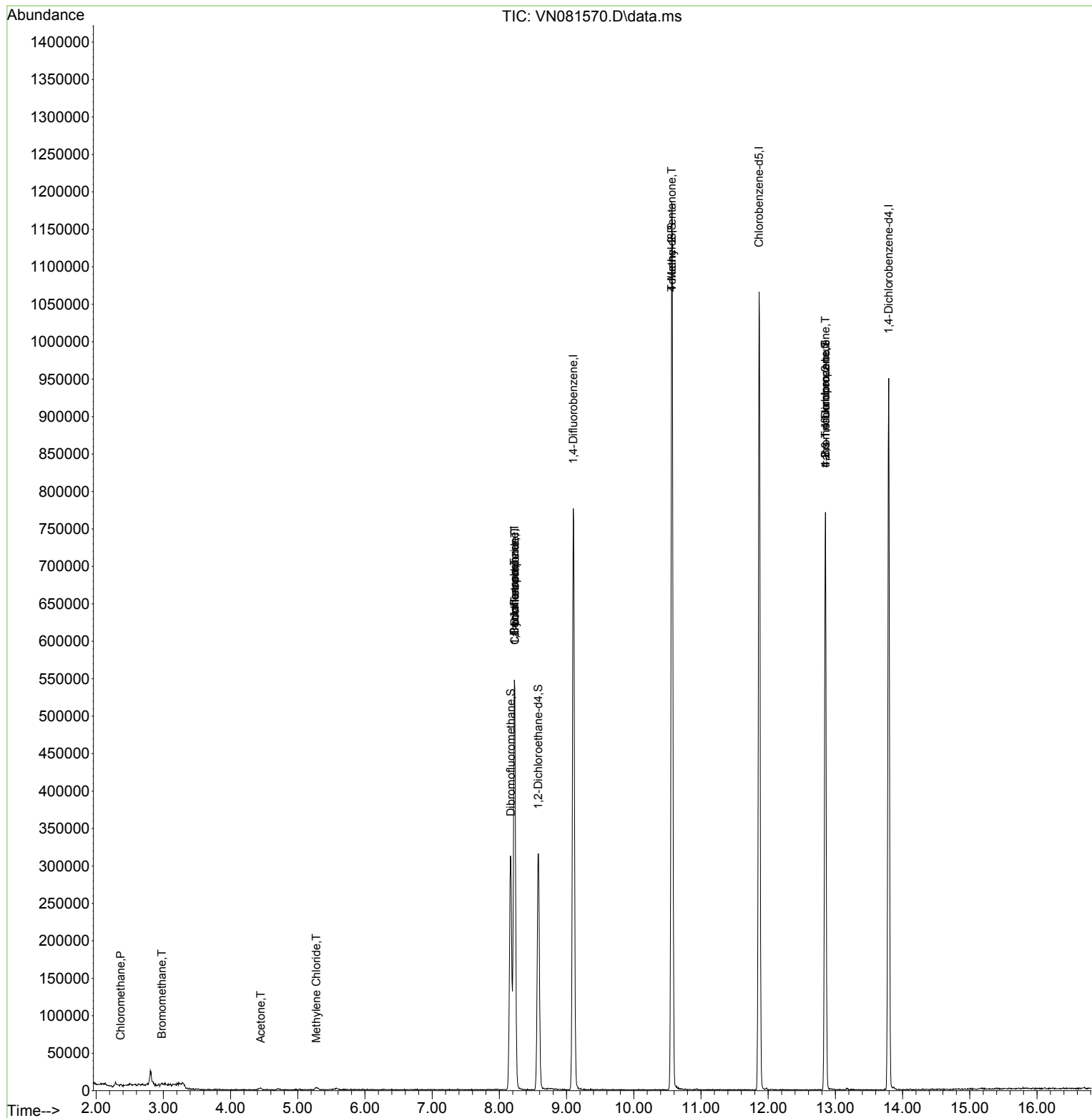
Internal Standards						
1) Pentafluorobenzene	8.224	168	388966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	700095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	629821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	263735	53.169	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.340%	
35) Dibromofluoromethane	8.171	113	223086	50.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.980%	
50) Toluene-d8	10.565	98	834204	52.230	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.460%	
62) 4-Bromofluorobenzene	12.853	95	264355	46.973	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1128	0.216	ug/l	96
5) Bromomethane	2.977	94	925	0.223	ug/l #	61
16) Acetone	4.447	43	5131	3.201	ug/l #	58
20) Methylene Chloride	5.277	84	1823	0.347	ug/l #	46
31) Cyclohexane	8.224	56	9504	1.177	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	33888	4.558	ug/l #	50
38) Carbon Tetrachloride	8.229	117	42715	5.244	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	3246	0.504	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	138641	23.033	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	138641	62.243	ug/l #	14

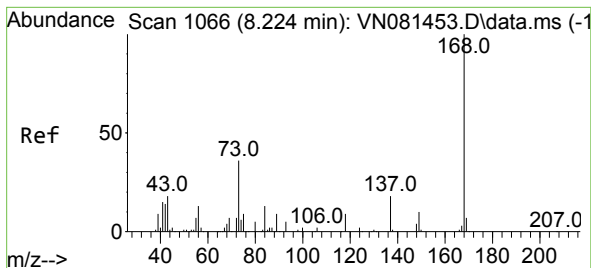
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081570.D

Acq: 25 Mar 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

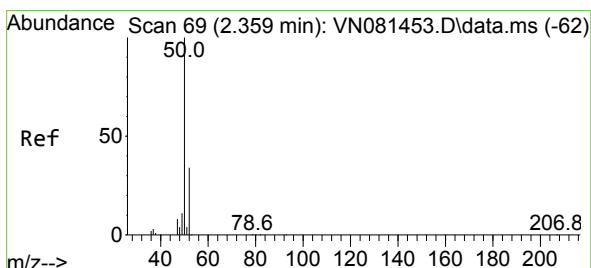
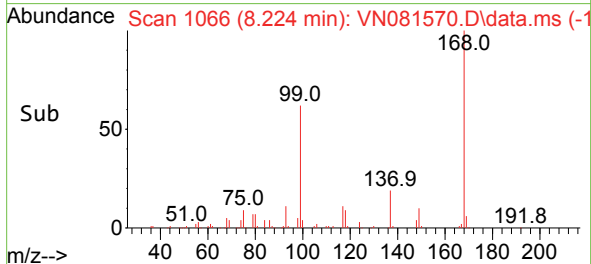
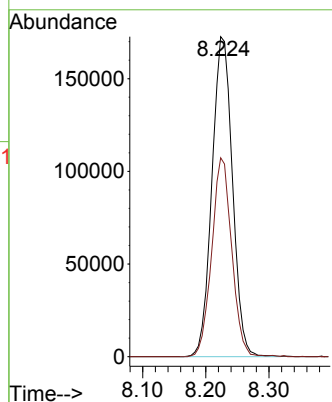
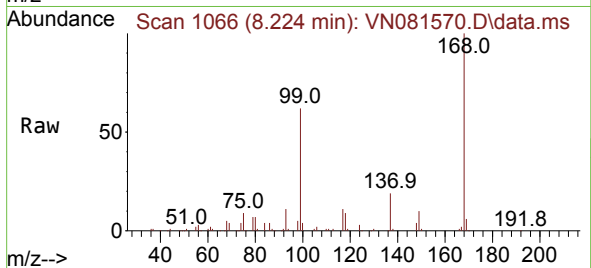
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 388966

Ion Ratio Lower Upper

168 100

99 62.2 59.9 89.9



#3

Chloromethane

Concen: 0.216 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081570.D

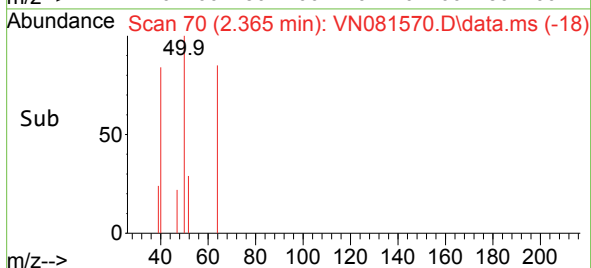
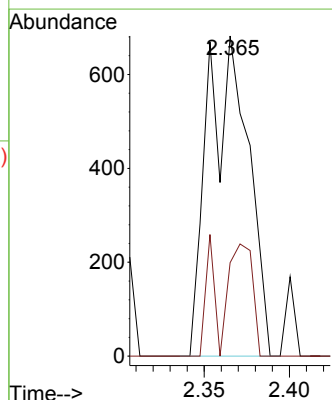
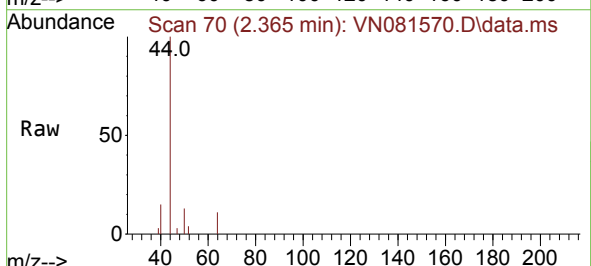
Acq: 25 Mar 2024 18:52

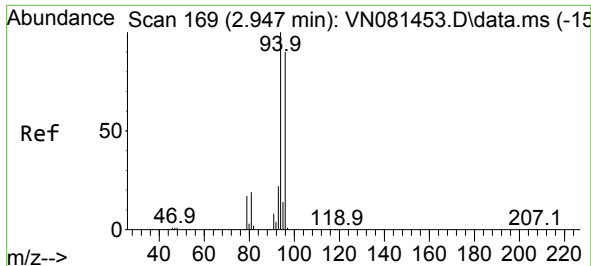
Tgt Ion: 50 Resp: 1128

Ion Ratio Lower Upper

50 100

52 29.2 25.0 37.4

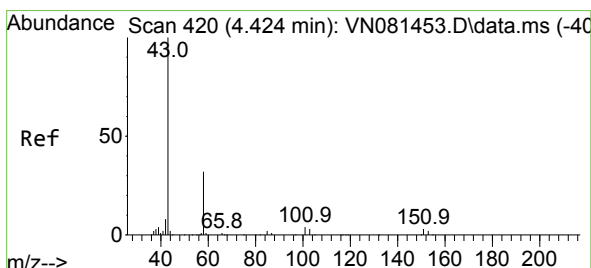
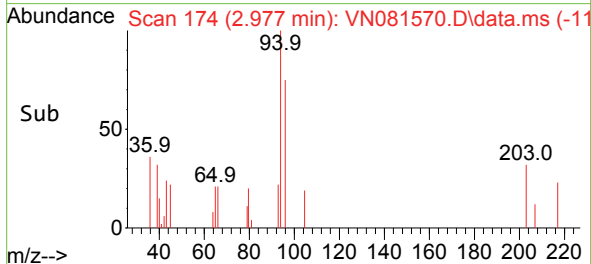
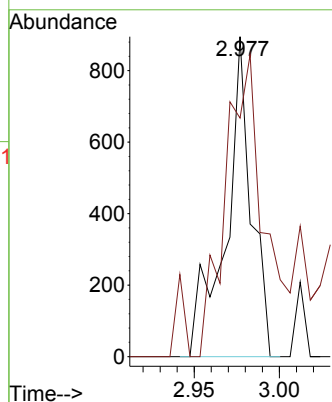
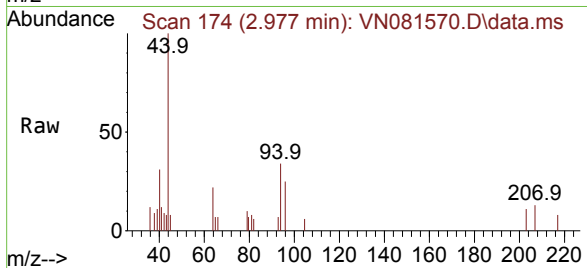




#5
Bromomethane
Concen: 0.223 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

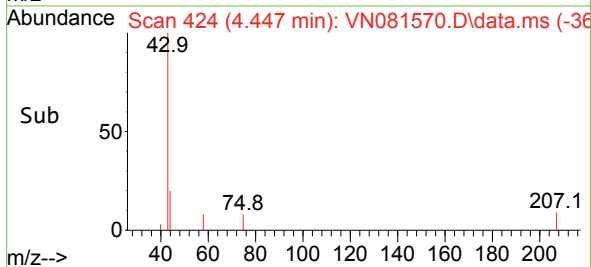
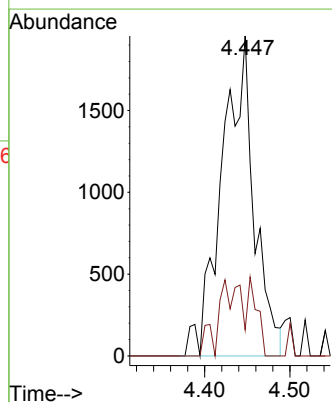
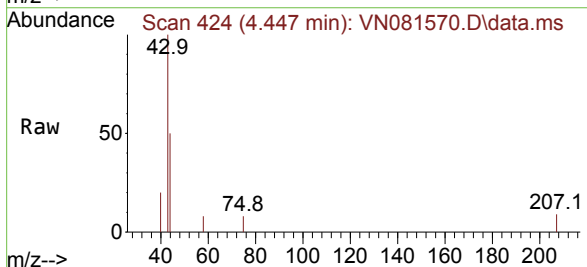
Instrument :
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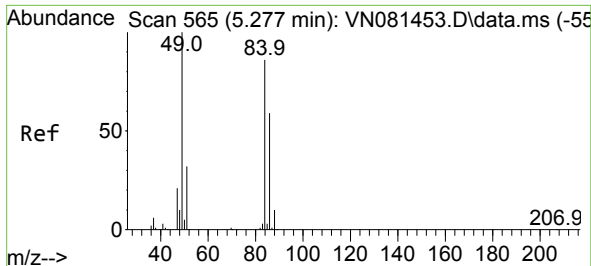
Tgt Ion: 94 Resp: 925
Ion Ratio Lower Upper
94 100
96 50.5 69.2 103.8#



#16
Acetone
Concen: 3.201 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

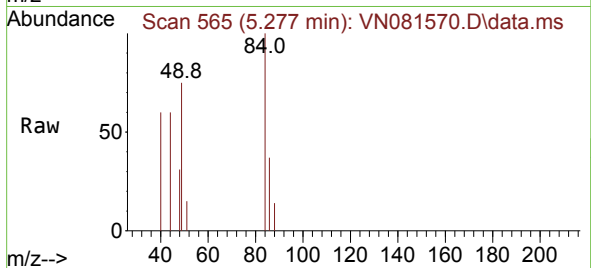
Tgt Ion: 43 Resp: 5131
Ion Ratio Lower Upper
43 100
58 8.1 24.8 37.2#



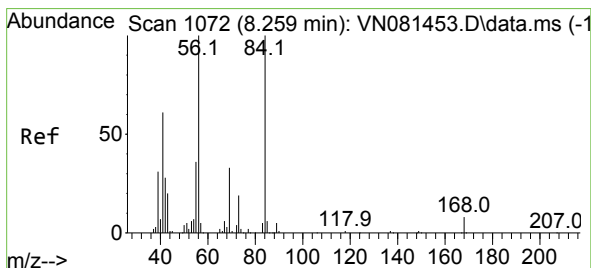
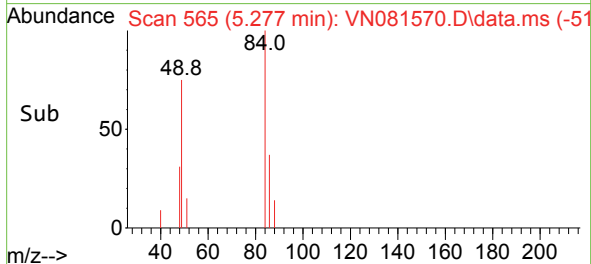
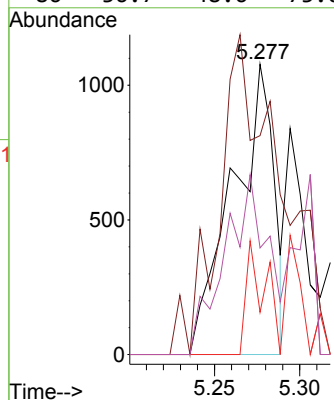


#20
Methylene Chloride
Concen: 0.347 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

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

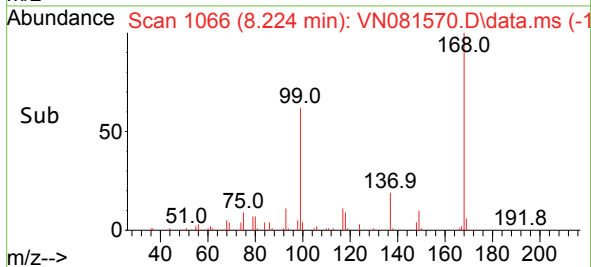
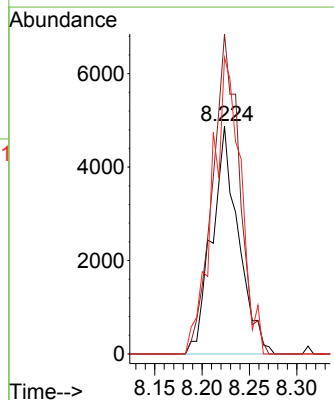
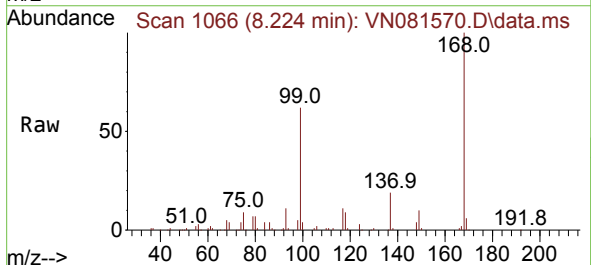


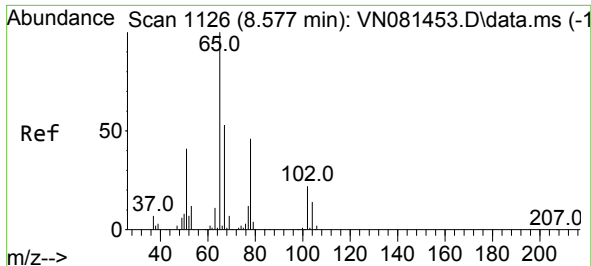
Tgt Ion:	84	Resp:	1823
Ion	Ratio	Lower	Upper
84	100		
49	55.0	108.1	162.1#
51	14.6	32.9	49.3#
86	36.7	48.6	73.0#



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

Tgt Ion:	56	Resp:	9504
Ion	Ratio	Lower	Upper
56	100		
69	140.5	20.1	30.1#
84	130.3	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 53.169 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081570.D

Acq: 25 Mar 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

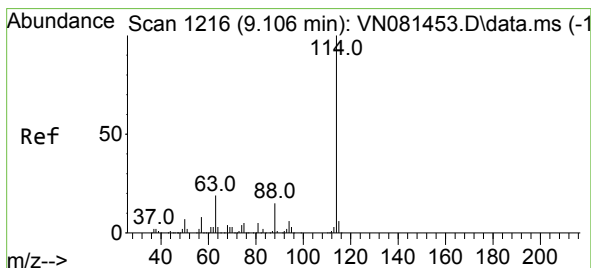
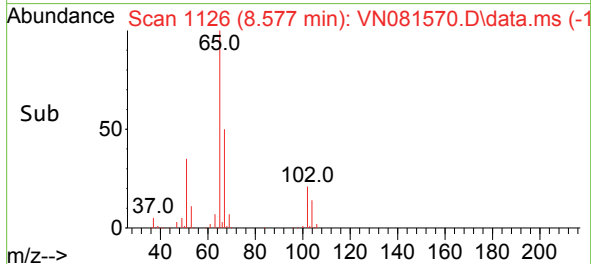
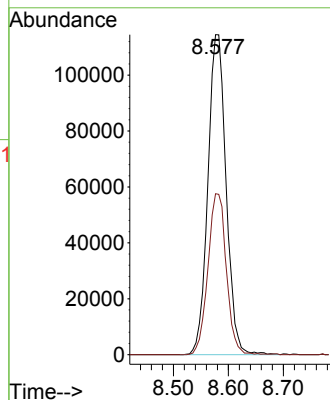
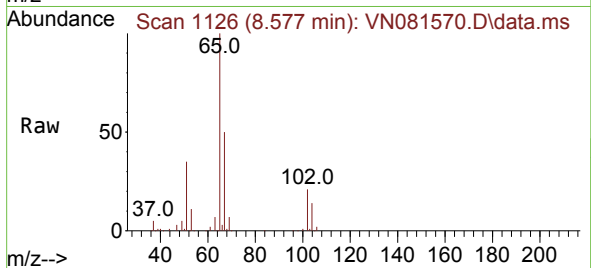
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 263735

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081570.D

Acq: 25 Mar 2024 18:52

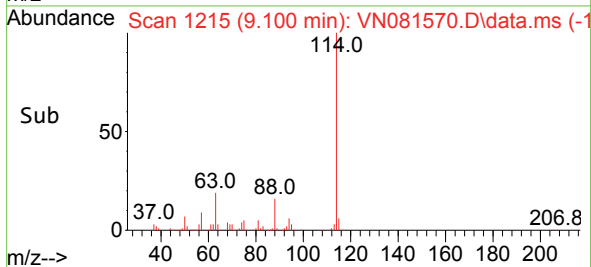
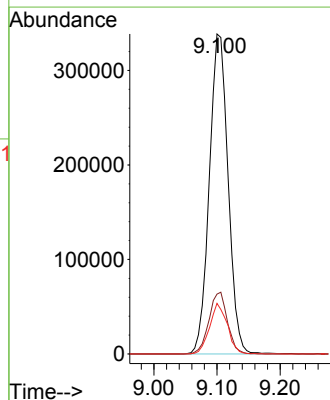
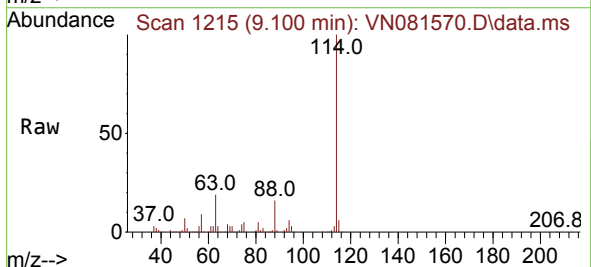
Tgt Ion: 114 Resp: 700095

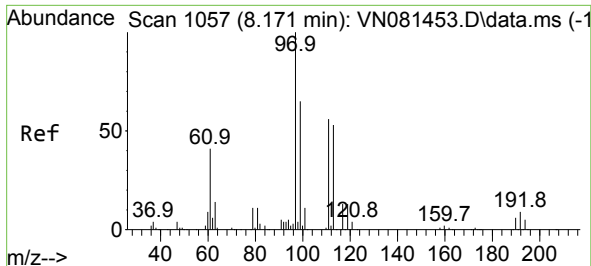
Ion Ratio Lower Upper

114 100

63 18.7 0.0 48.0

88 15.8 0.0 34.8

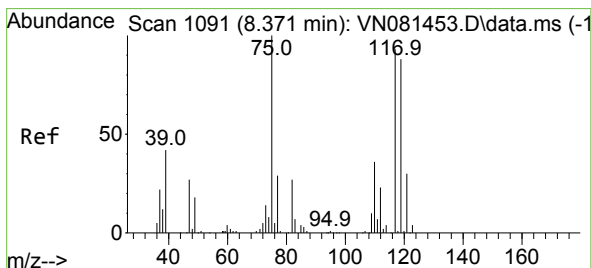
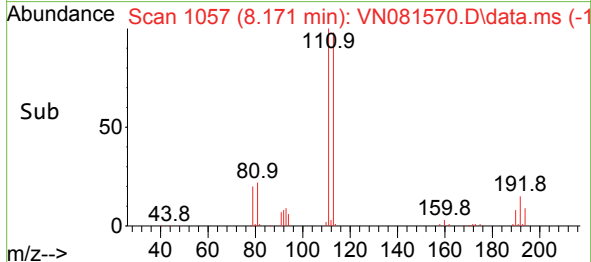
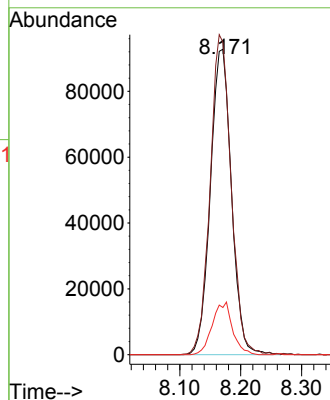
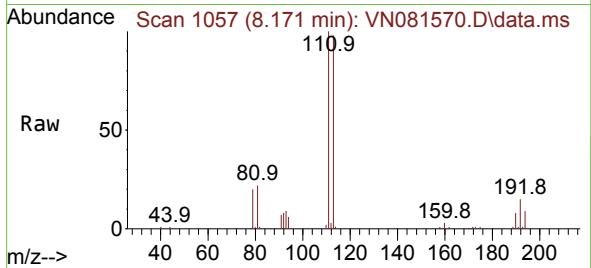




#35
Dibromofluoromethane
Concen: 50.491 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

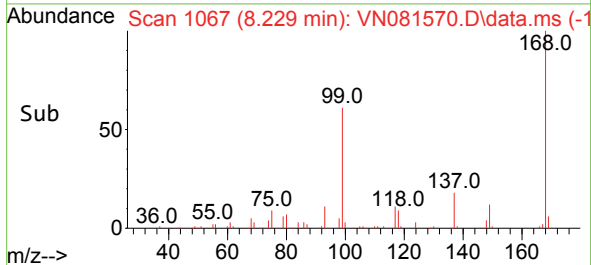
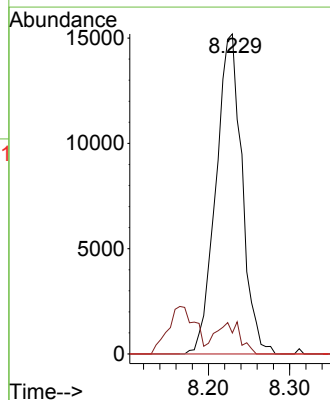
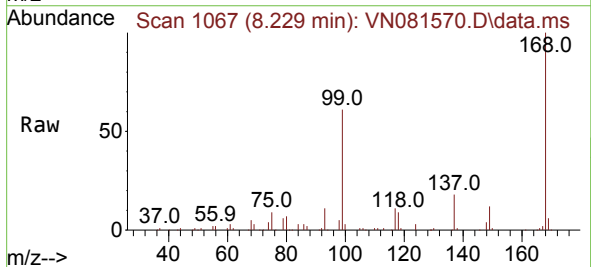
Instrument :
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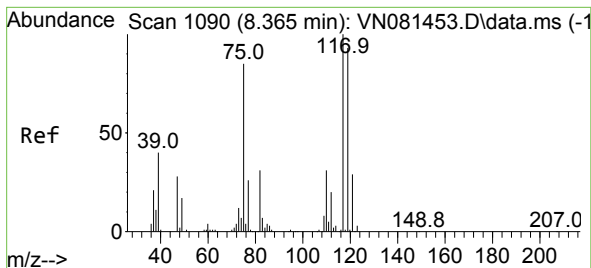
Tgt Ion:113 Resp: 223086
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 16.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

Tgt Ion: 75 Resp: 33888
Ion Ratio Lower Upper
75 100
110 8.9 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.244 ug/l

RT: 8.229 min Scan# 1090

Delta R.T. -0.135 min

Lab File: VN081570.D

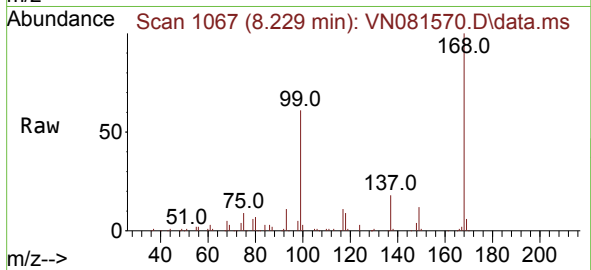
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Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



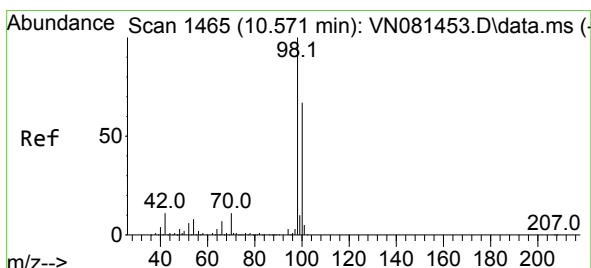
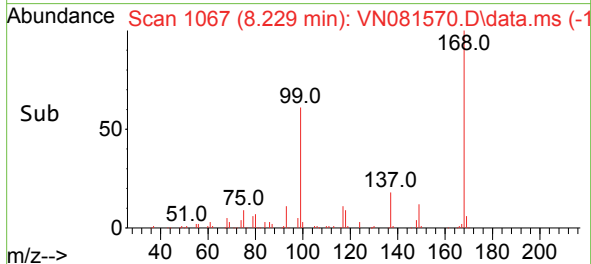
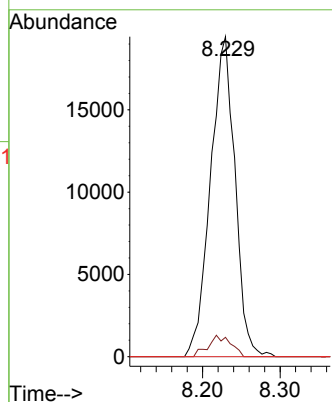
Tgt Ion:117 Resp: 42715

Ion Ratio Lower Upper

117 100

119 6.0 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 52.230 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081570.D

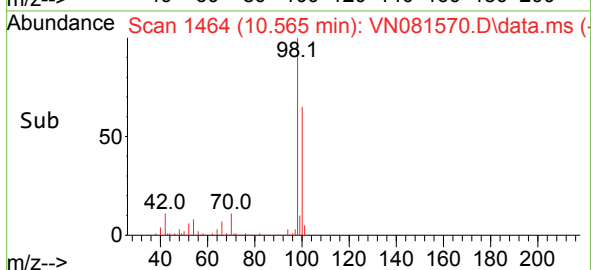
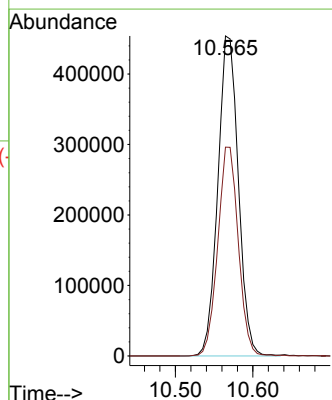
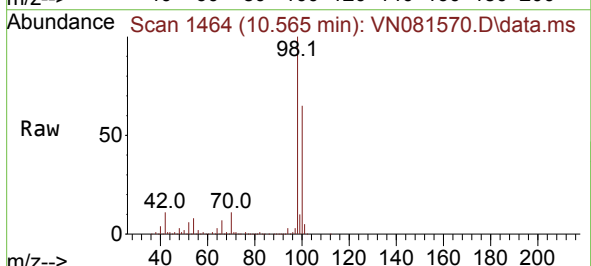
Acq: 25 Mar 2024 18:52

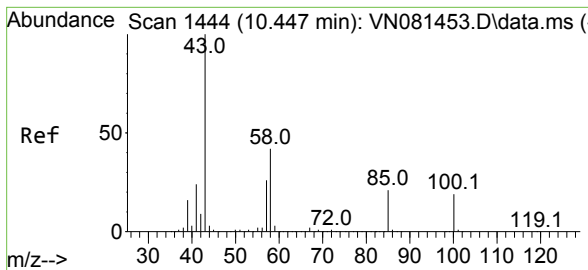
Tgt Ion: 98 Resp: 834204

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0

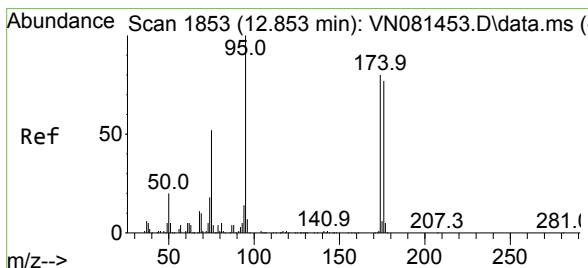
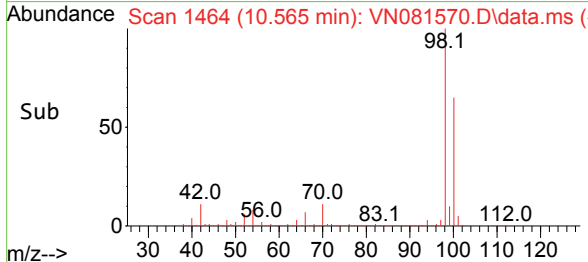
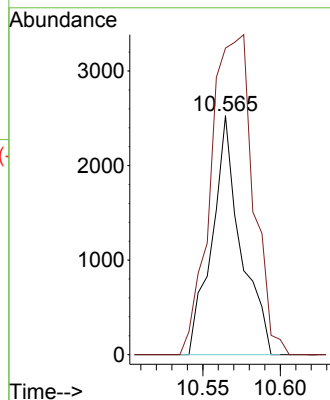
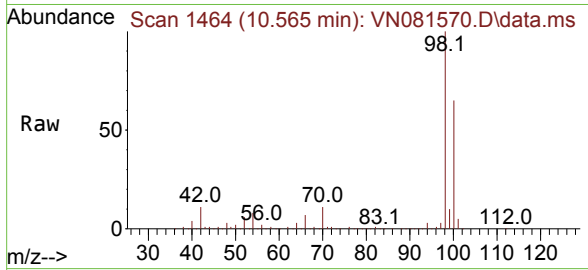




#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

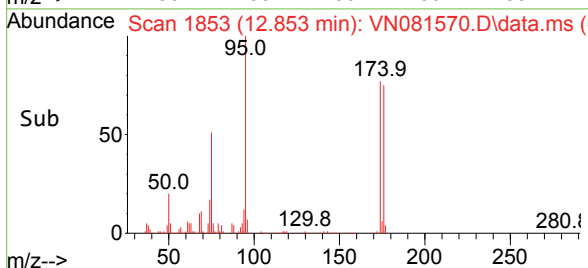
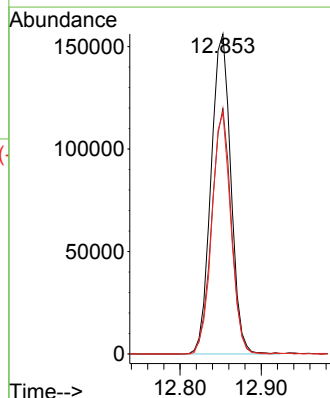
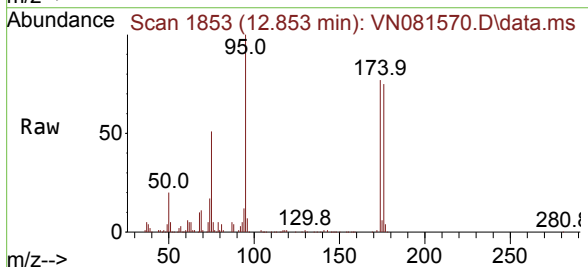
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

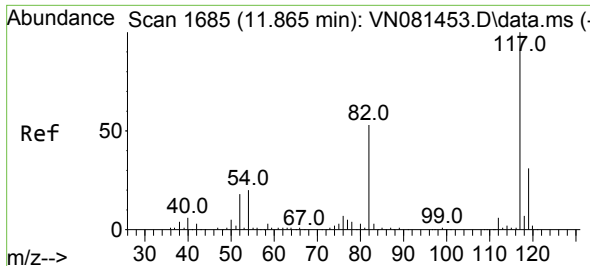
Tgt Ion: 43 Resp: 3246
Ion Ratio Lower Upper
43 100
58 199.0 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.973 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

Tgt Ion: 95 Resp: 264355
Ion Ratio Lower Upper
95 100
174 75.3 0.0 120.4
176 72.6 0.0 121.0

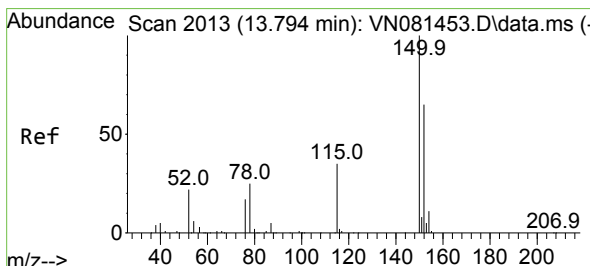
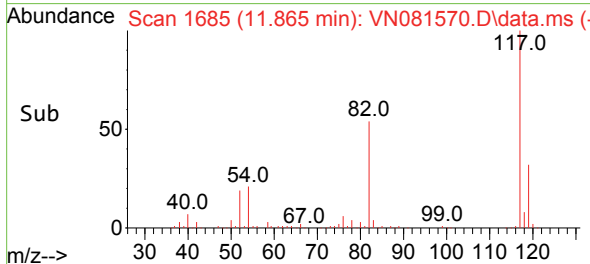
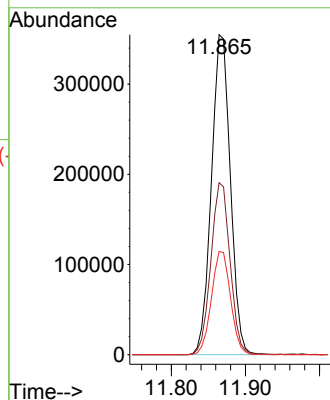
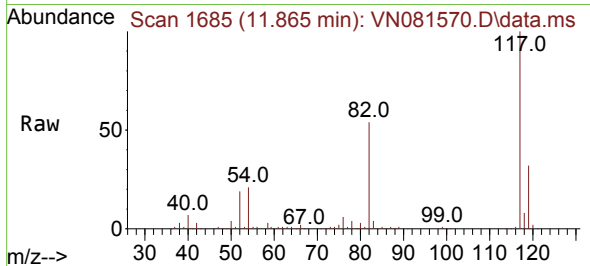




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

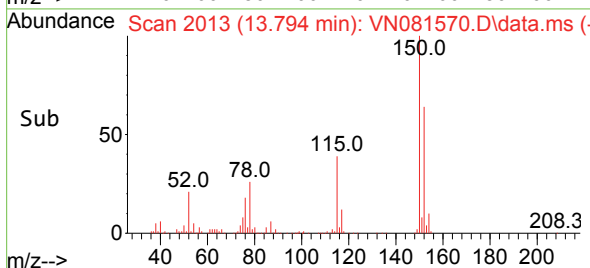
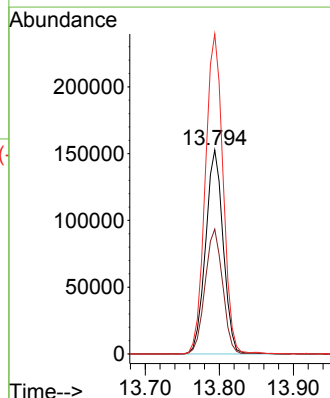
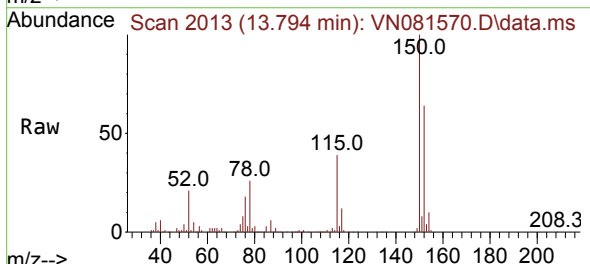
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

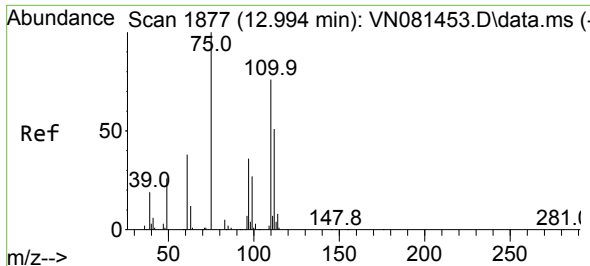
Tgt Ion:117 Resp: 629821
Ion Ratio Lower Upper
117 100
82 53.8 52.7 79.1
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

Tgt Ion:152 Resp: 251634
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 158.2 0.0 339.8

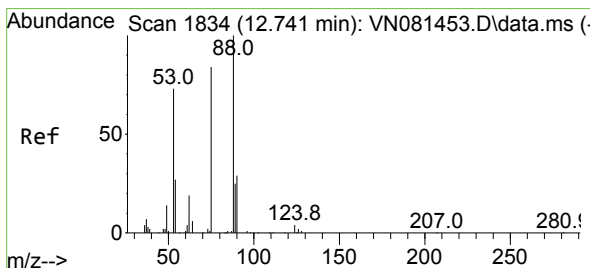
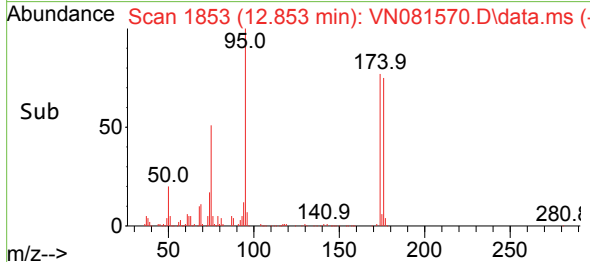
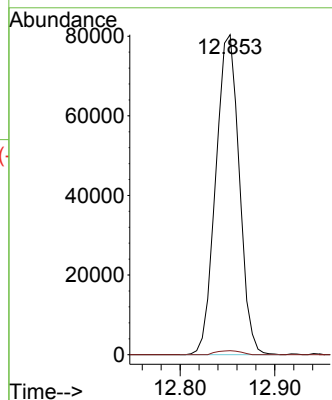
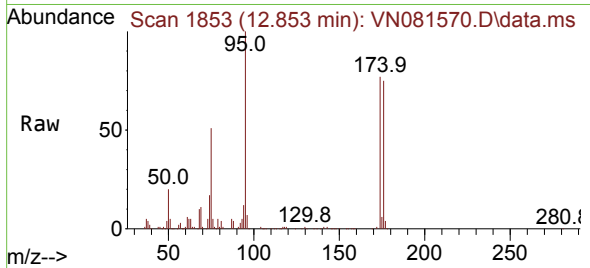




#76
1,2,3-Trichloropropane
Concen: 23.033 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

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

Tgt Ion: 75 Resp: 138641
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.243 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

Tgt Ion: 75 Resp: 138641
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

