

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081441.D
 Acq On : 15 Mar 2024 21:41
 Operator : JC\MD
 Sample : P1782-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Mar 15 23:40:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

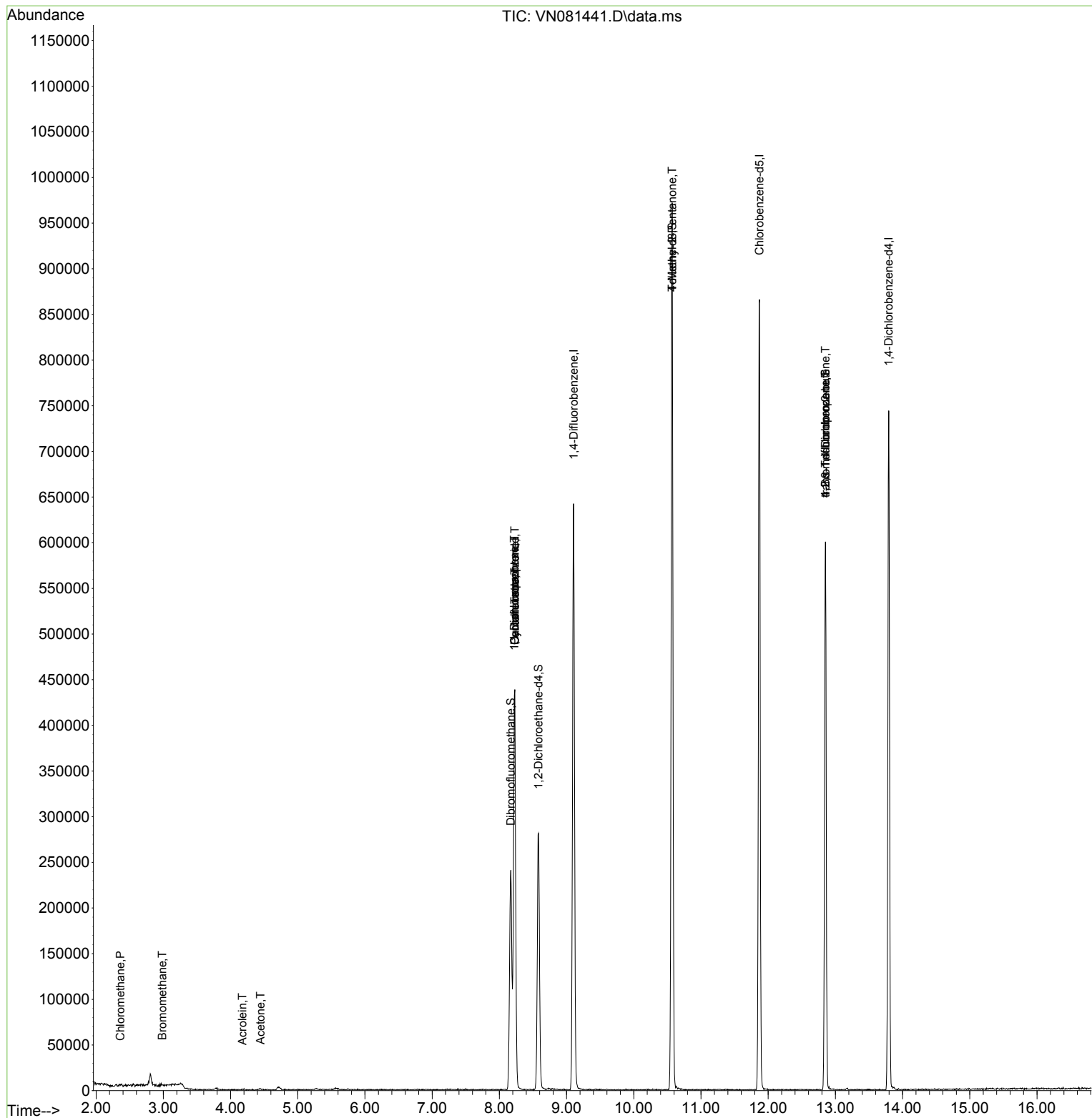
Internal Standards						
1) Pentafluorobenzene	8.229	168	291312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	544546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	478727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	229187	54.412	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.820%			
35) Dibromofluoromethane	8.171	113	175293	52.542	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	10.571	98	644064	51.642	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.280%			
62) 4-Bromofluorobenzene	12.853	95	203861	46.248	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.500%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	909	0.218	ug/l	98
5) Bromomethane	2.983	94	856	0.295	ug/l #	51
13) Acrolein	4.177	56	251	0.288	ug/l	84
16) Acetone	4.447	43	2238	1.500	ug/l #	83
20) Methylene Chloride	5.289	84	413	Below Cal	#	36
31) Cyclohexane	8.229	56	8087	1.268	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	28247	5.248	ug/l #	51
38) Carbon Tetrachloride	8.229	117	33531	6.190	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	3353	0.627	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	118351	26.054	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	118351	72.713	ug/l #	14

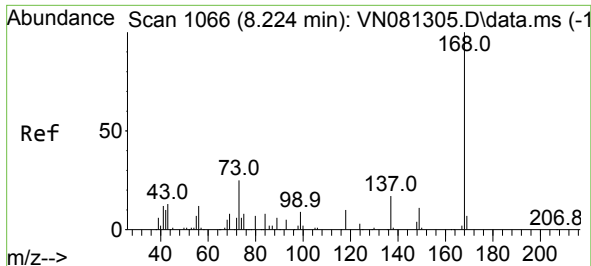
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

Quant Time: Mar 15 23:40:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

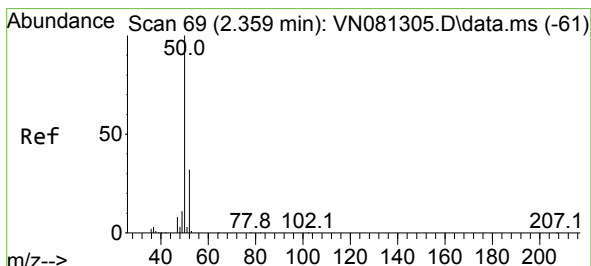
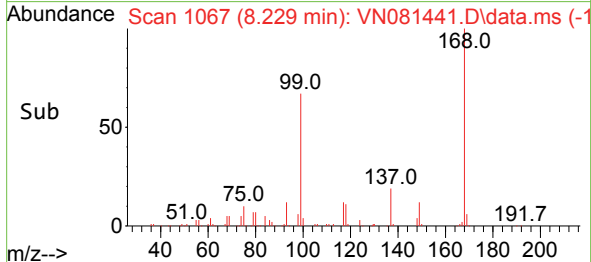
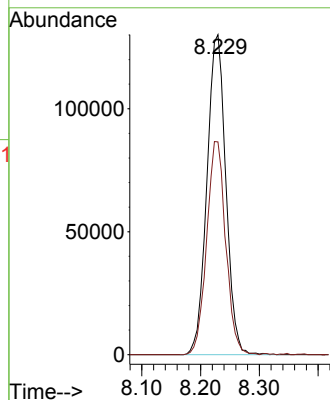
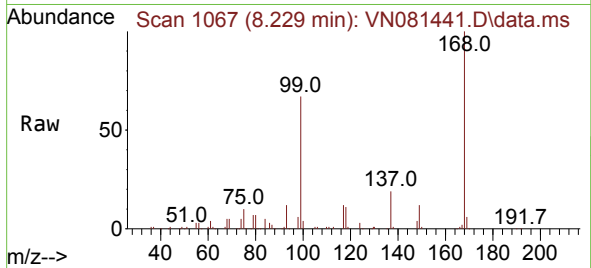




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

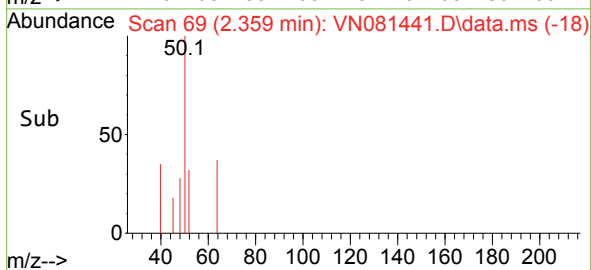
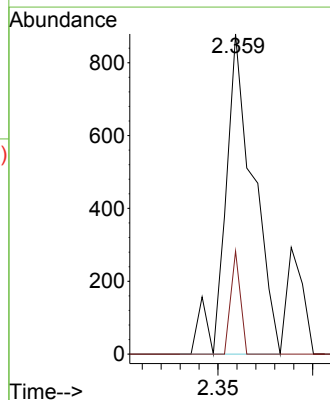
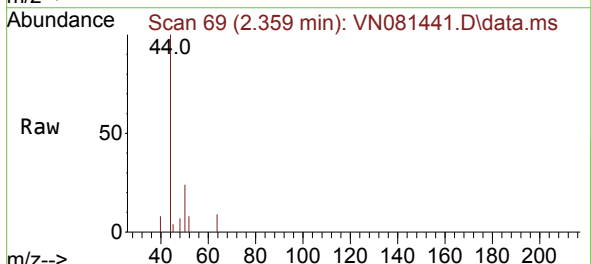
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

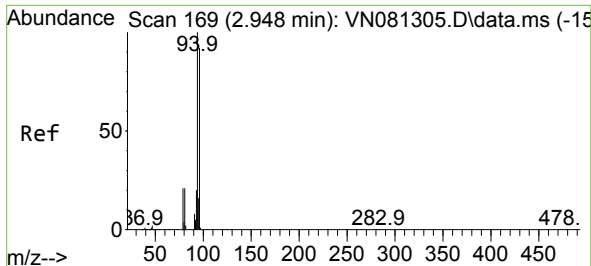
Tgt Ion:168 Resp: 291312
Ion Ratio Lower Upper
168 100
99 66.5 59.9 89.9



#3
Chloromethane
Concen: 0.218 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

Tgt Ion: 50 Resp: 909
Ion Ratio Lower Upper
50 100
52 32.2 25.0 37.4

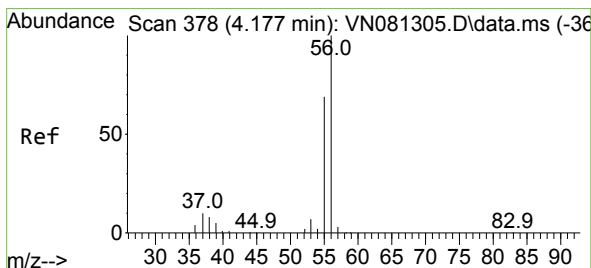
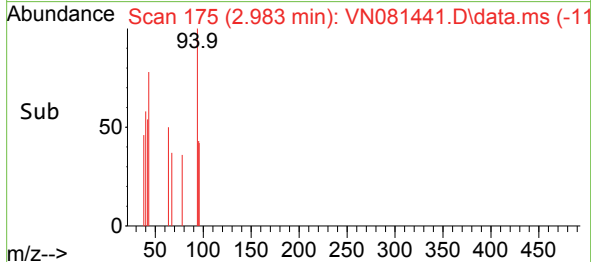
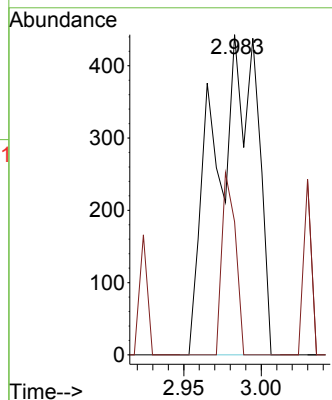
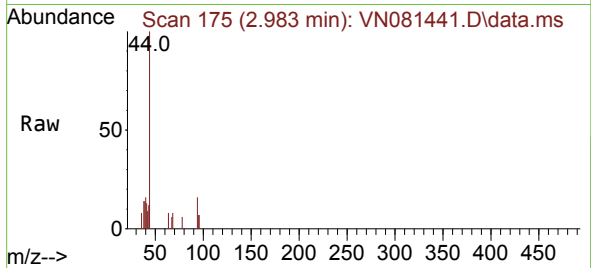




#5
Bromomethane
Concen: 0.295 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

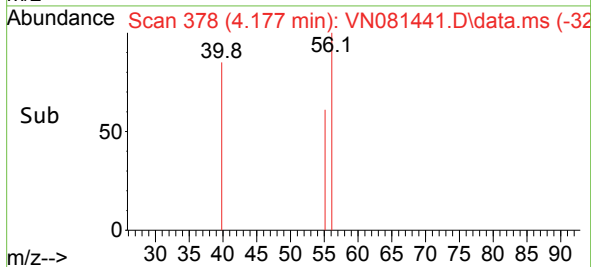
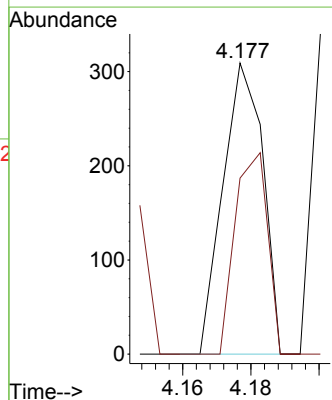
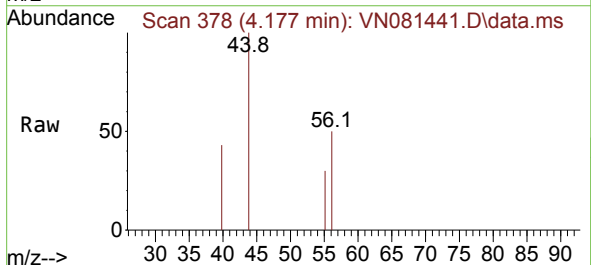
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

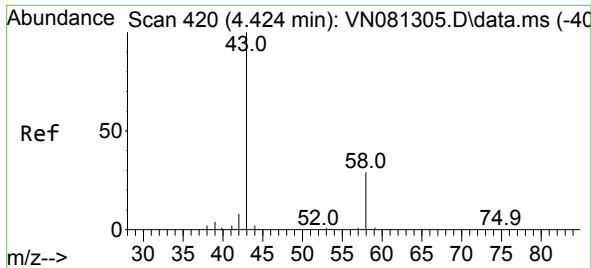
Tgt Ion: 94 Resp: 856
Ion Ratio Lower Upper
94 100
96 41.5 69.2 103.8#



#13
Acrolein
Concen: 0.288 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

Tgt Ion: 56 Resp: 251
Ion Ratio Lower Upper
56 100
55 56.2 55.3 82.9

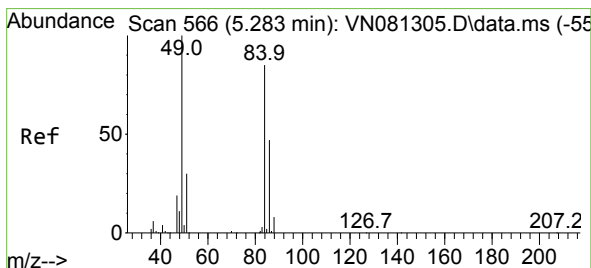
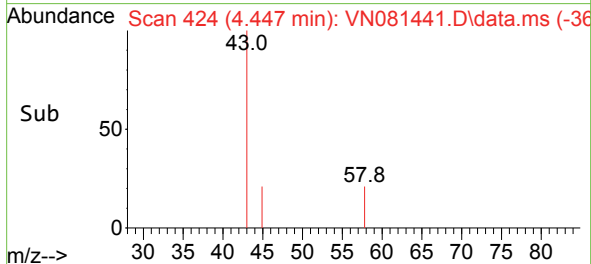
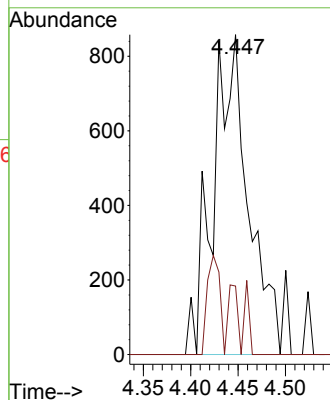
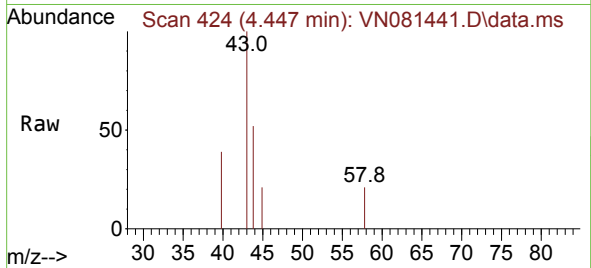




#16
Acetone
Concen: 1.500 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

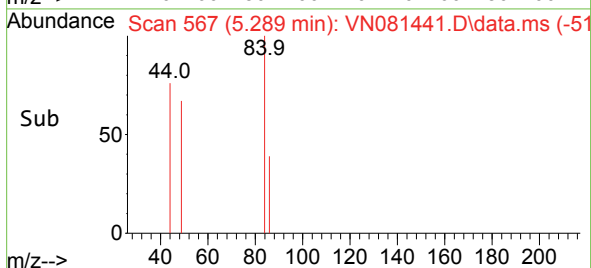
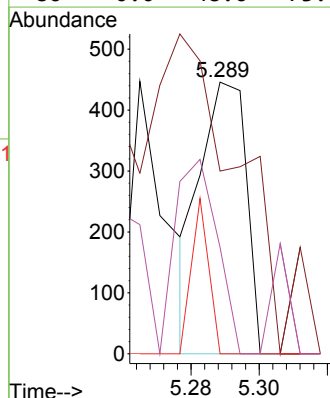
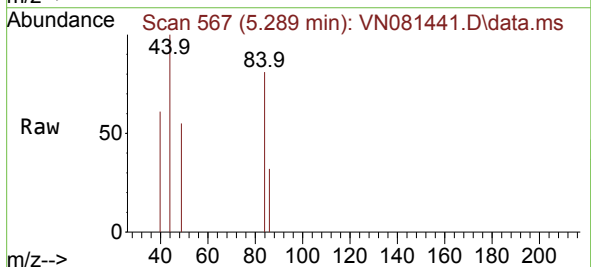
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

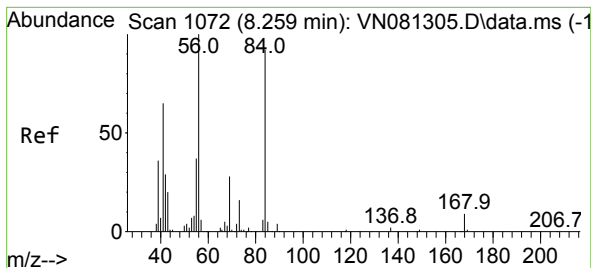
Tgt Ion: 43 Resp: 2238
Ion Ratio Lower Upper
43 100
58 21.4 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

Tgt Ion: 84 Resp: 413
Ion Ratio Lower Upper
84 100
49 67.3 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#





#31

Cyclohexane

Concen: 1.268 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.030 min

Lab File: VN081441.D

Acq: 15 Mar 2024 21:41

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

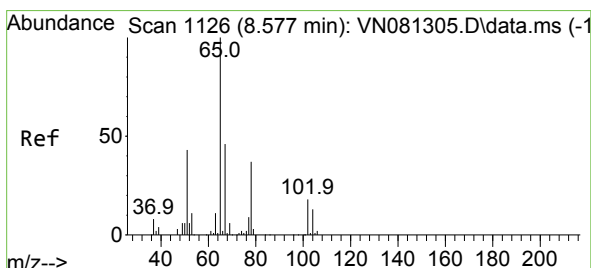
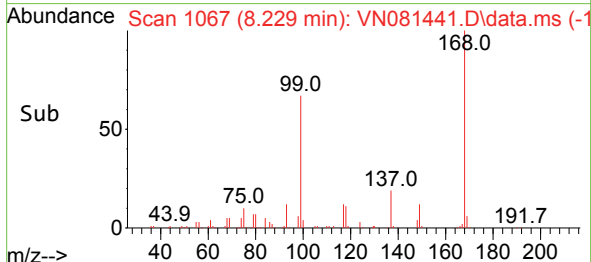
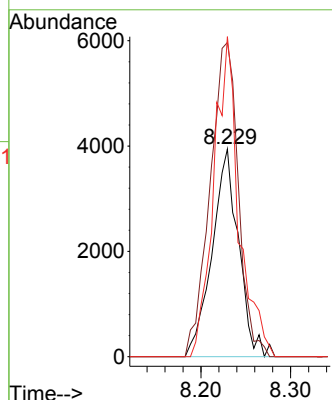
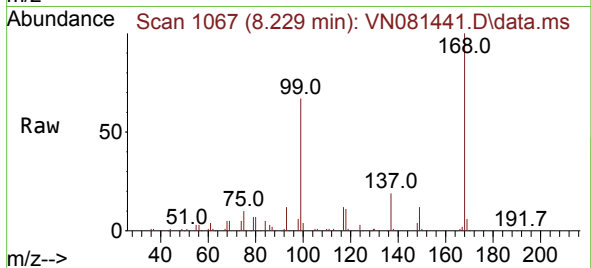
Tgt Ion: 56 Resp: 8087

Ion Ratio Lower Upper

56 100

69 151.3 20.1 30.1#

84 154.1 56.9 85.3#



#33

1,2-Dichloroethane-d4

Concen: 54.412 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081441.D

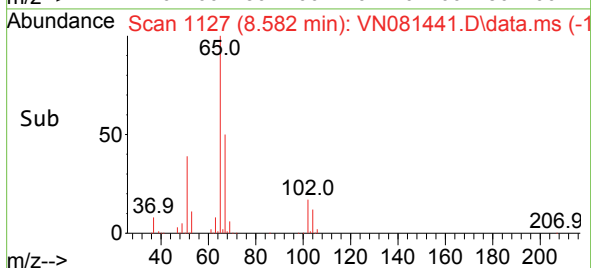
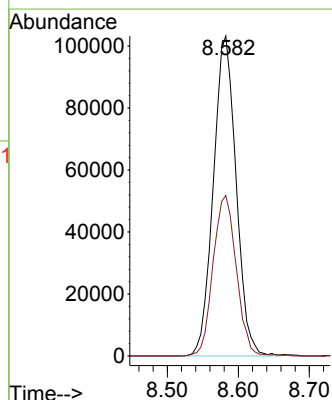
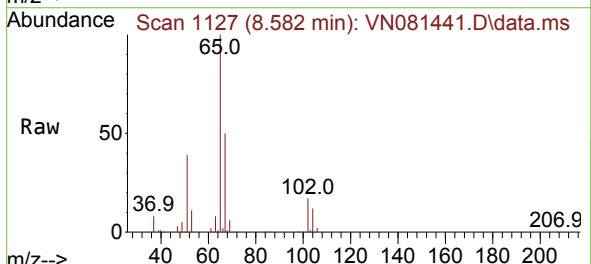
Acq: 15 Mar 2024 21:41

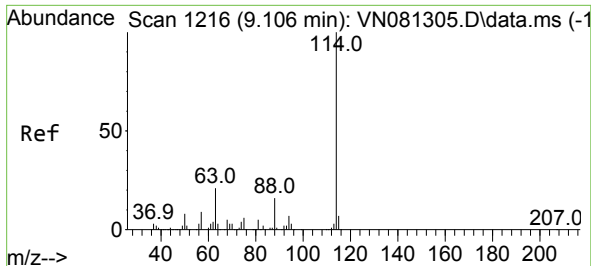
Tgt Ion: 65 Resp: 229187

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4

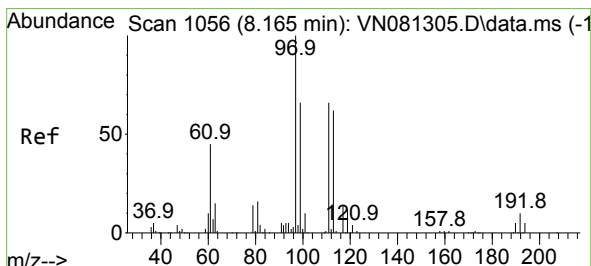
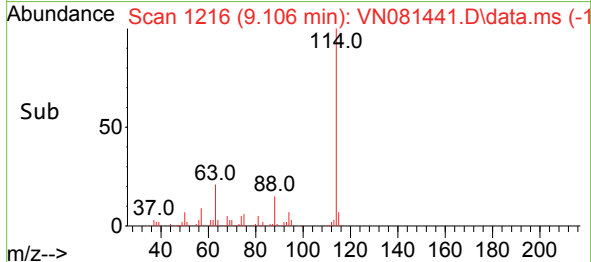
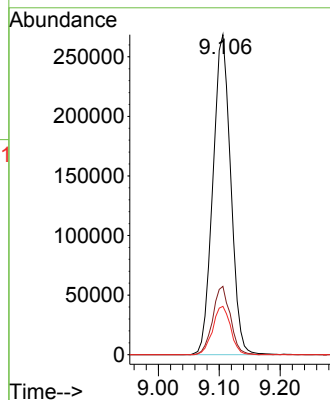
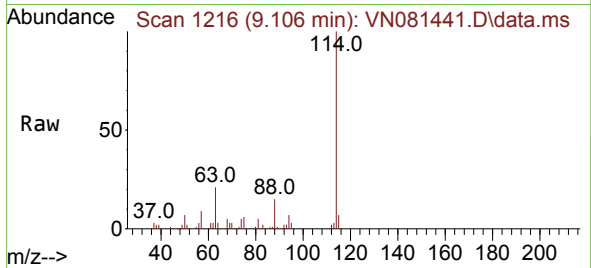




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

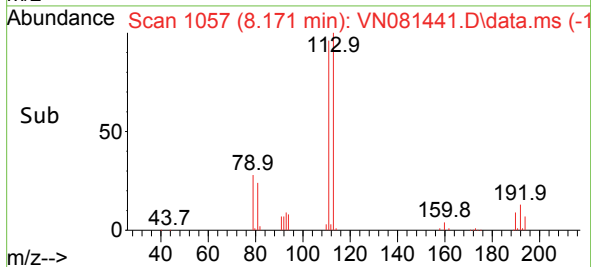
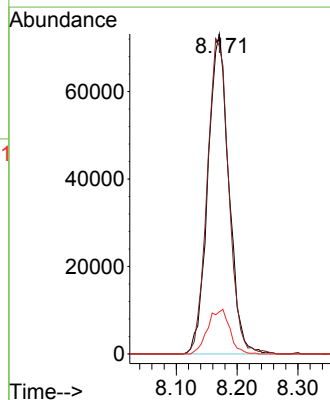
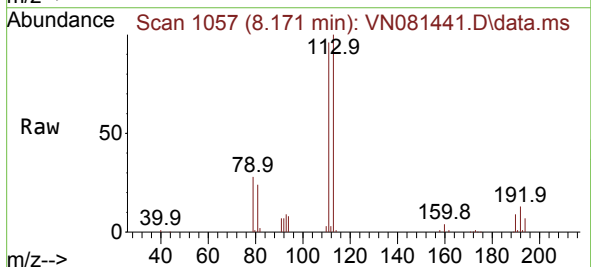
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

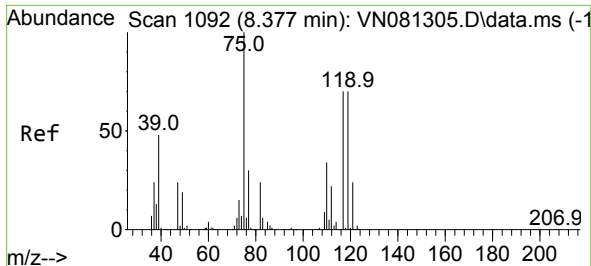
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	48.0
88	15.1	0.0	34.8



#35
Dibromofluoromethane
Concen: 52.542 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	14.6	12.5	18.7





#36

1,1-Dichloropropene

Concen: 5.248 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN081441.D

Acq: 15 Mar 2024 21:41

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

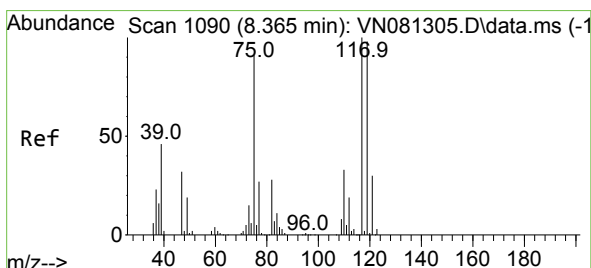
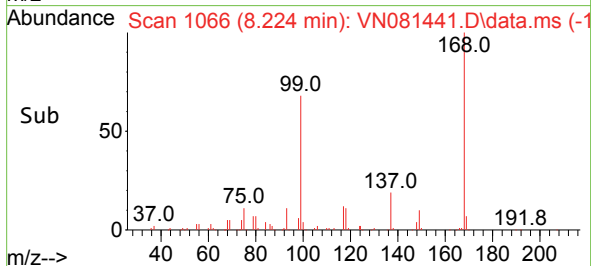
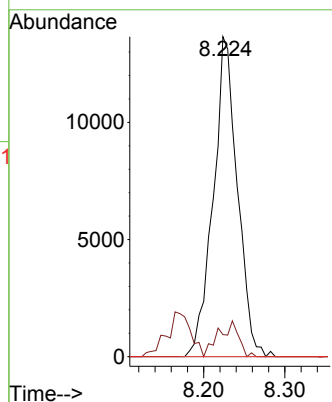
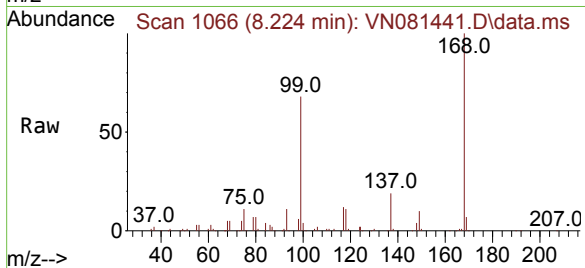
Tgt Ion: 75 Resp: 28247

Ion Ratio Lower Upper

75 100

110 9.2 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.190 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081441.D

Acq: 15 Mar 2024 21:41

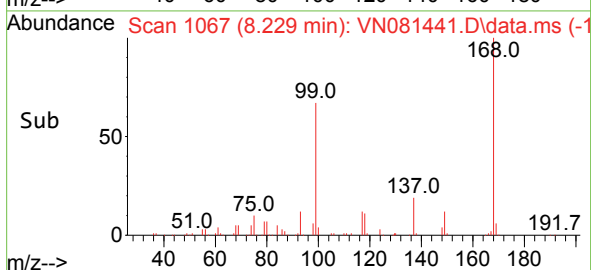
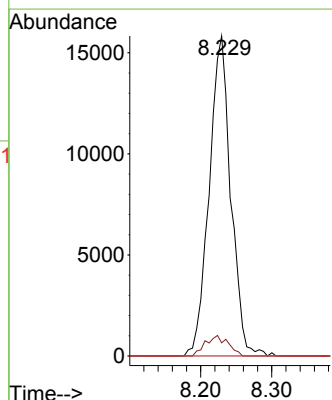
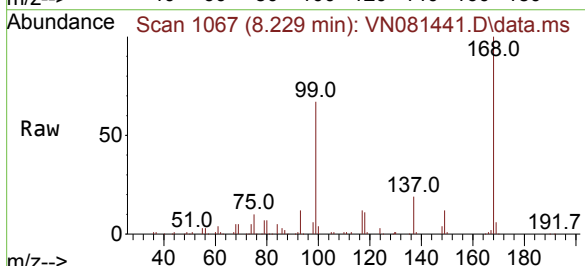
Tgt Ion: 117 Resp: 33531

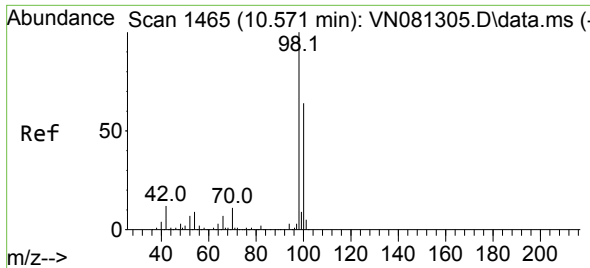
Ion Ratio Lower Upper

117 100

119 4.1 73.4 110.2#

121 0.0 24.4 36.6#

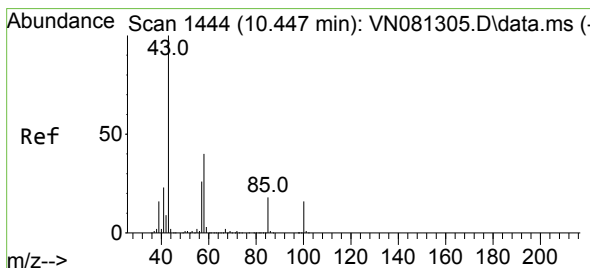
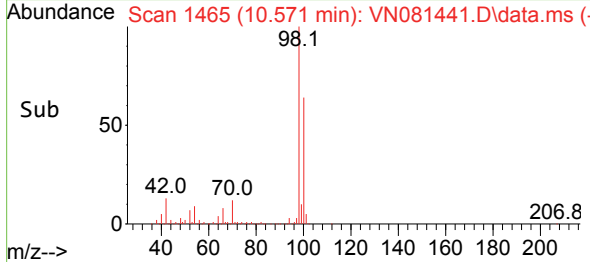
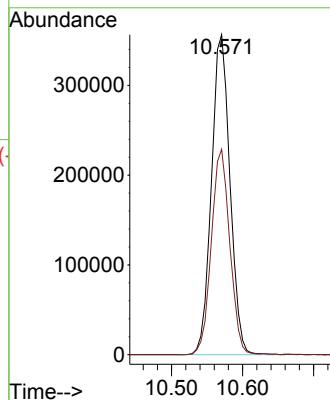
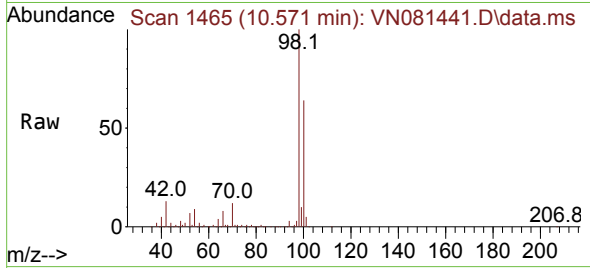




#50
Toluene-d8
Concen: 51.642 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

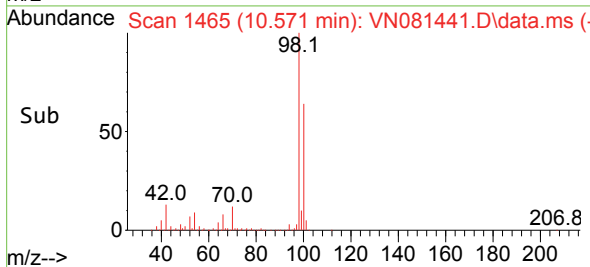
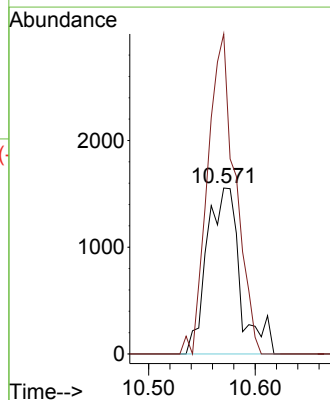
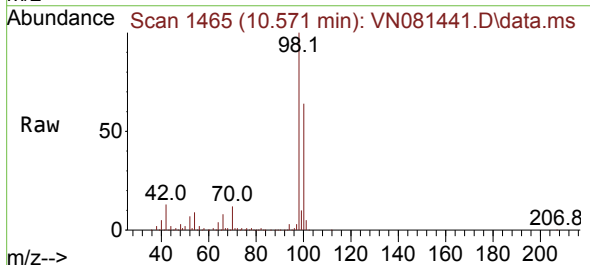
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

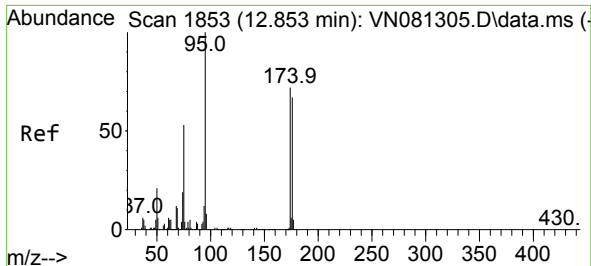
Tgt Ion: 98 Resp: 644064
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.627 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

Tgt Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
58 161.3 29.4 44.0#

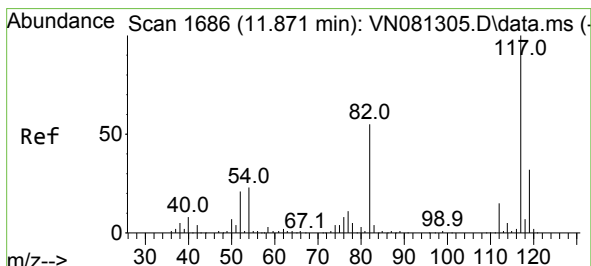
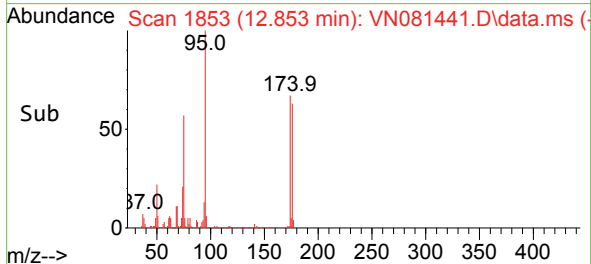
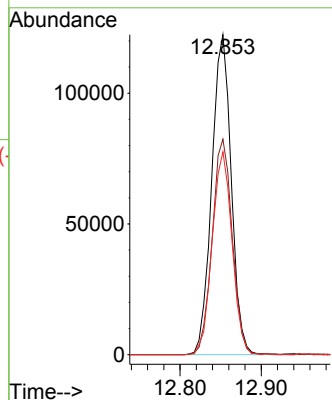
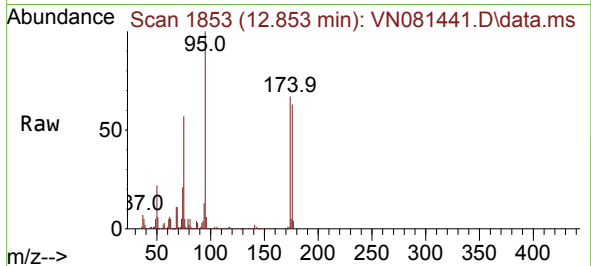




#62
4-Bromofluorobenzene
Concen: 46.248 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

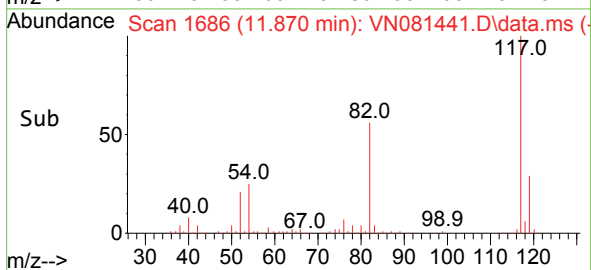
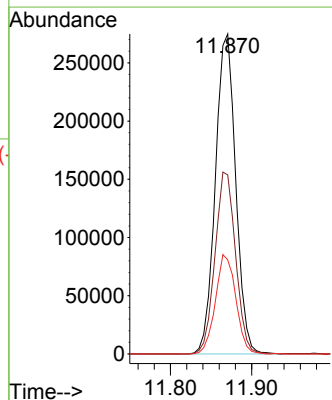
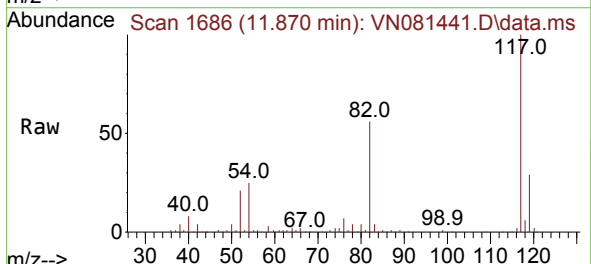
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

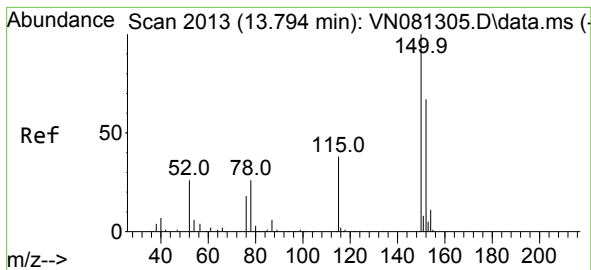
Tgt Ion: 95 Resp: 203861
Ion Ratio Lower Upper
95 100
174 69.5 0.0 120.4
176 64.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

Tgt Ion: 117 Resp: 478727
Ion Ratio Lower Upper
117 100
82 55.9 52.7 79.1
119 29.4 25.3 37.9

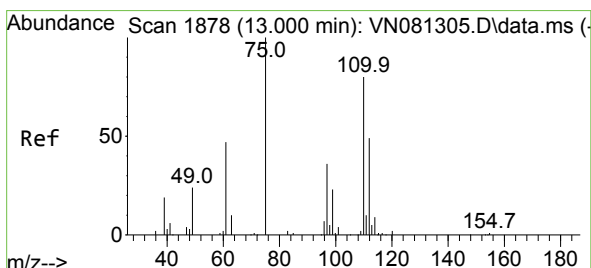
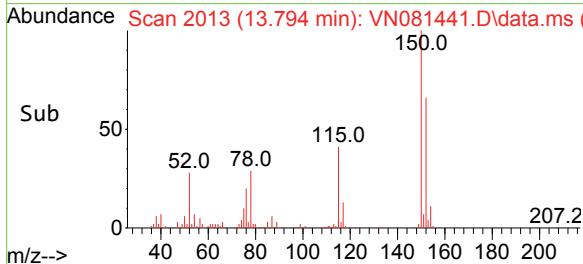
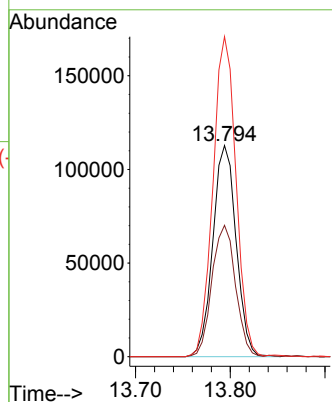
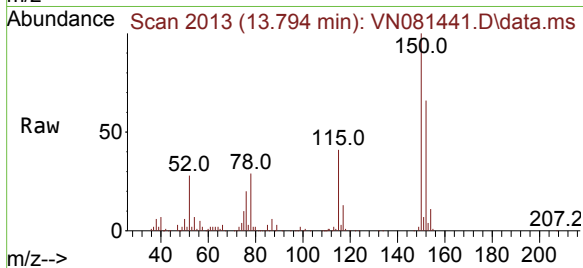




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

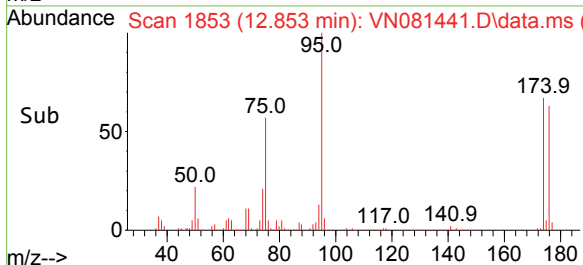
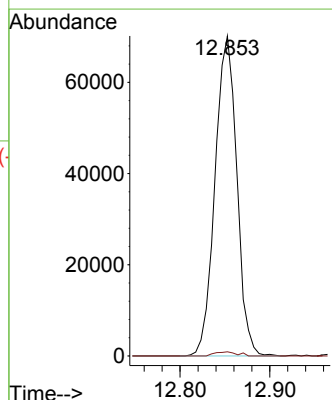
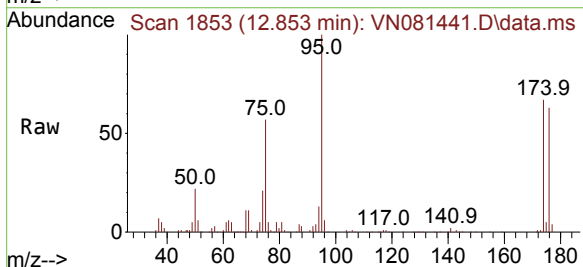
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

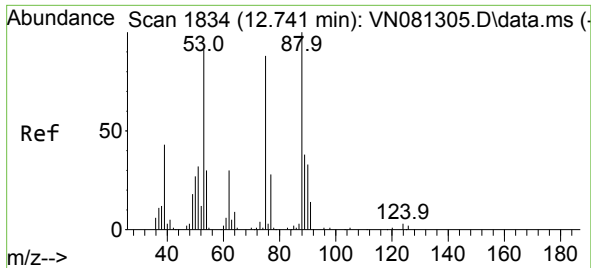
Tgt Ion:152 Resp: 192317
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 149.8 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 26.054 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081441.D
Acq: 15 Mar 2024 21:41

Tgt Ion: 75 Resp: 118351
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.713 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081441.D
 Acq: 15 Mar 2024 21:41

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 118351
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

