

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081883.D
 Acq On : 26 Apr 2024 17:19
 Operator : JC\MD
 Sample : P2283-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CONTAIN-WATER

Quant Time: Apr 26 23:03:23 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)

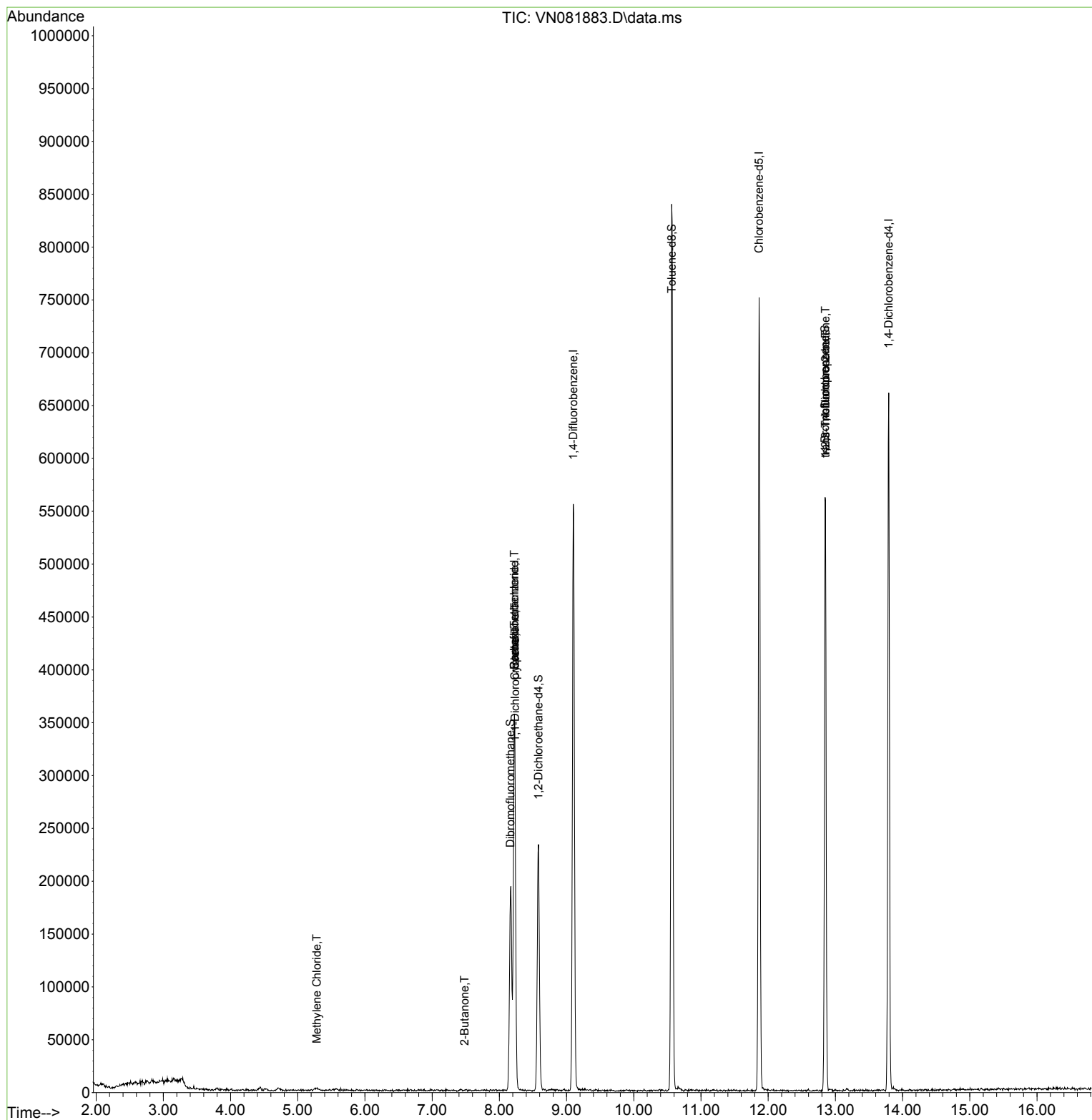
Internal Standards						
1) Pentafluorobenzene	8.224	168	253919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	472582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	413991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	185175	43.210	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.420%		
35) Dibromofluoromethane	8.165	113	140935	49.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.060%		
50) Toluene-d8	10.565	98	580575	51.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.900%		
62) 4-Bromofluorobenzene	12.847	95	206745	46.801	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.600%		
Target Compounds						
5) Bromomethane	2.942	94	77	Below Cal		99
13) Acrolein	4.165	56	462	Below Cal		86
16) Acetone	4.441	43	3987	Below Cal		94
20) Methylene Chloride	5.283	84	1334	0.363 ug/l #		63
25) 2-Butanone	7.482	43	1333	0.548 ug/l #		43
31) Cyclohexane	8.229	56	7306	1.132 ug/l #		3
36) 1,1-Dichloropropene	8.235	75	22757	4.916 ug/l #		47
38) Carbon Tetrachloride	8.224	117	27170	6.005 ug/l #		17
76) 1,2,3-Trichloropropane	12.853	75	111584	25.908 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.853	75	111584	53.089 ug/l #		13

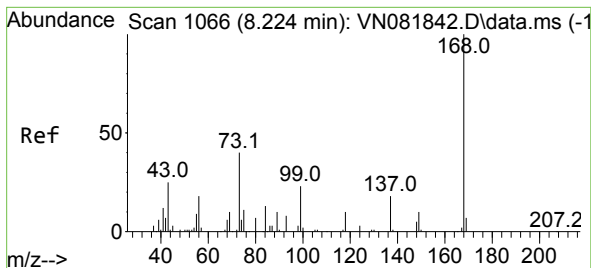
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081883.D

Acq: 26 Apr 2024 17:19

Instrument :

MSVOA_N

ClientSampleId :

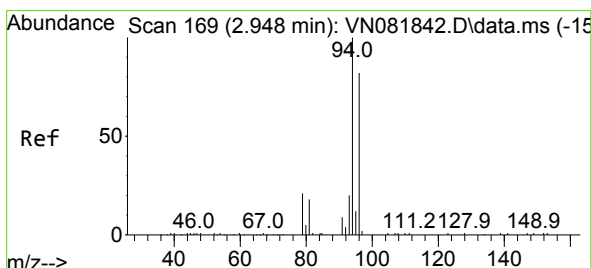
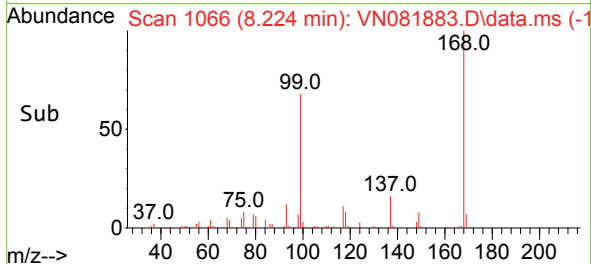
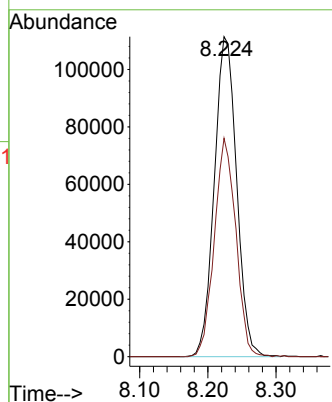
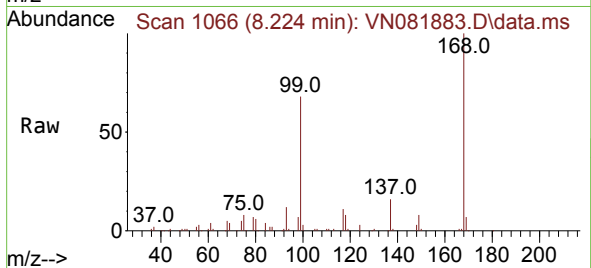
CONTAIN-WATER

Tgt Ion:168 Resp: 253919

Ion Ratio Lower Upper

168 100

99 68.2 48.2 72.4



#5

Bromomethane

Concen: Below Cal

RT: 2.942 min Scan# 168

Delta R.T. -0.006 min

Lab File: VN081883.D

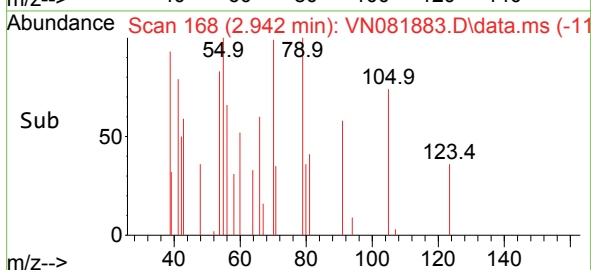
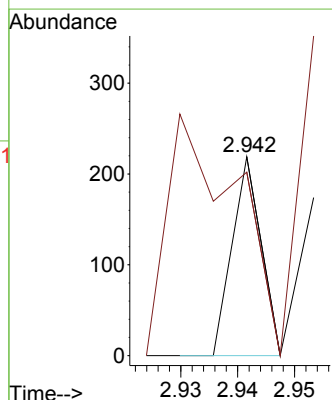
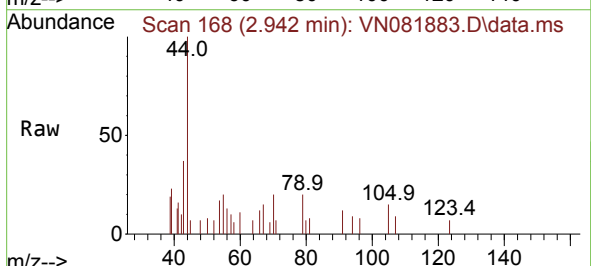
Acq: 26 Apr 2024 17:19

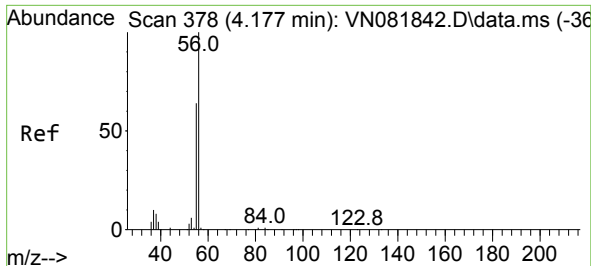
Tgt Ion: 94 Resp: 77

Ion Ratio Lower Upper

94 100

96 92.2 74.8 112.2

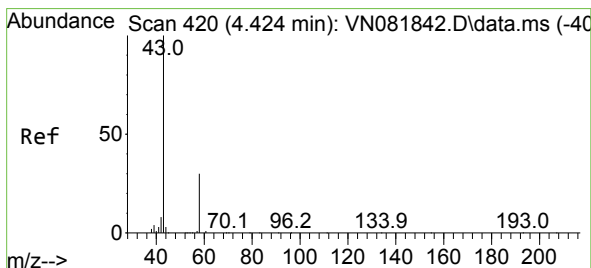
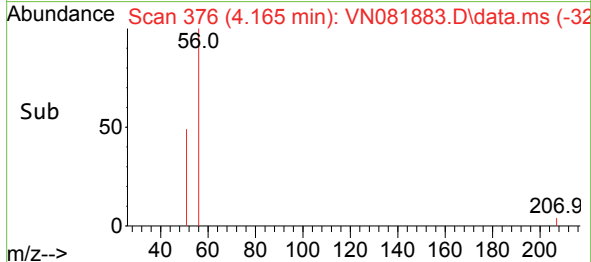
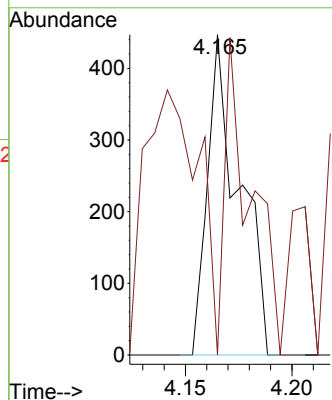
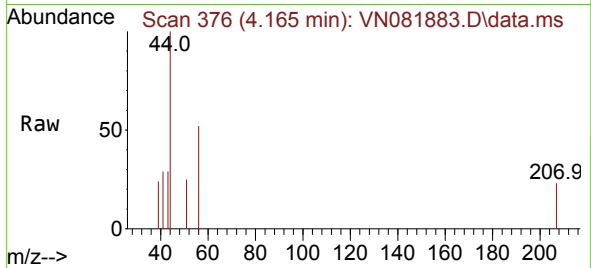




#13
Acrolein
Concen: Below Cal
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN081883.D
Acq: 26 Apr 2024 17:19

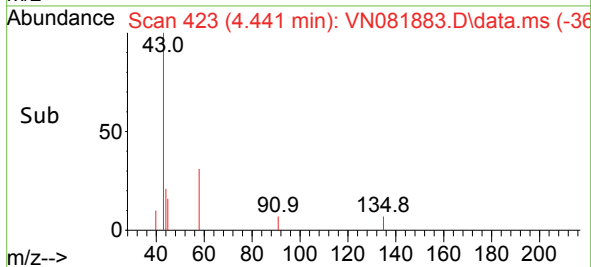
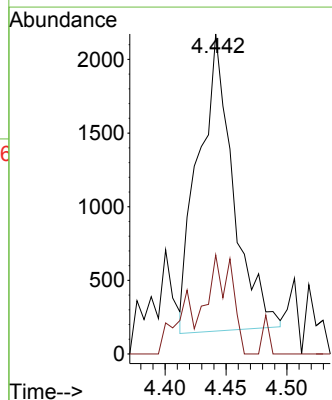
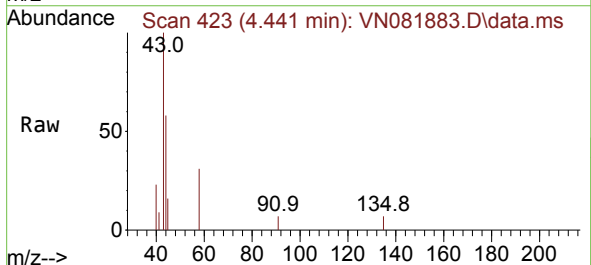
Instrument :
MSVOA_N
ClientSampleId :
CONTAIN-WATER

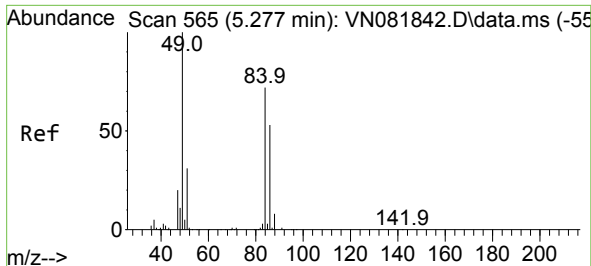
Tgt Ion: 56 Resp: 462
Ion Ratio Lower Upper
56 100
55 81.4 55.8 83.8



#16
Acetone
Concen: Below Cal
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN081883.D
Acq: 26 Apr 2024 17:19

Tgt Ion: 43 Resp: 3987
Ion Ratio Lower Upper
43 100
58 34.6 25.2 37.8

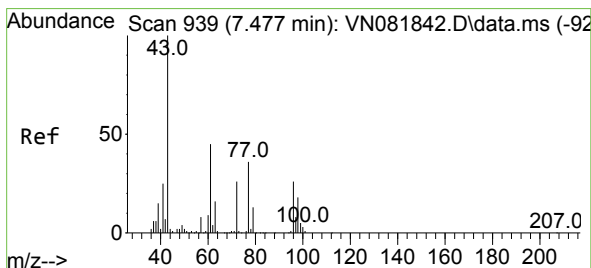
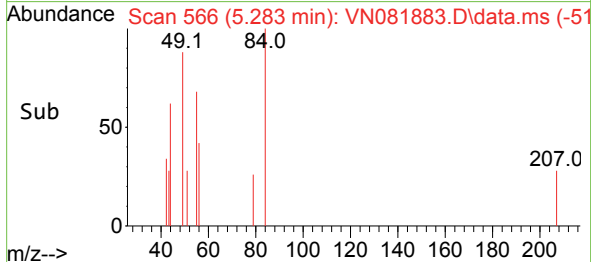
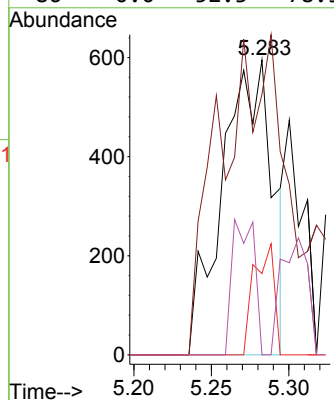
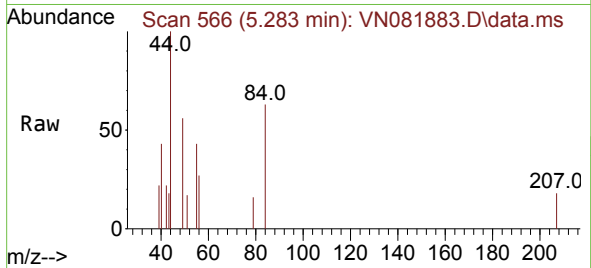




#20
Methylene Chloride
Concen: 0.363 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081883.D
Acq: 26 Apr 2024 17:19

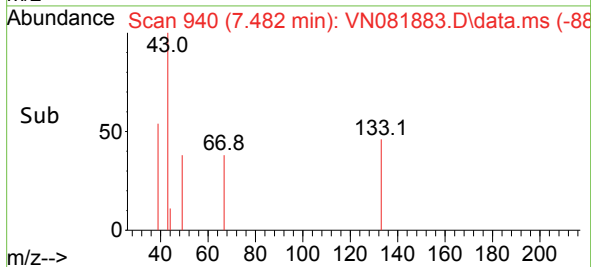
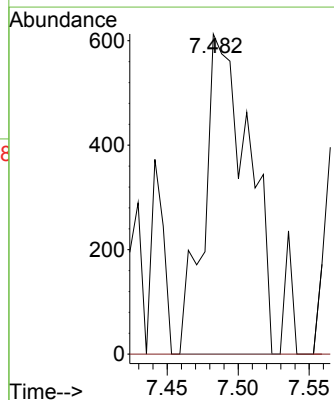
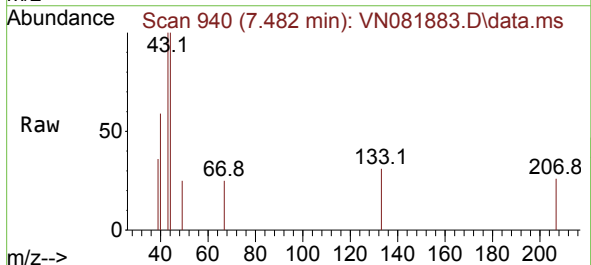
Instrument :
MSVOA_N
ClientSampleId :
CONTAIN-WATER

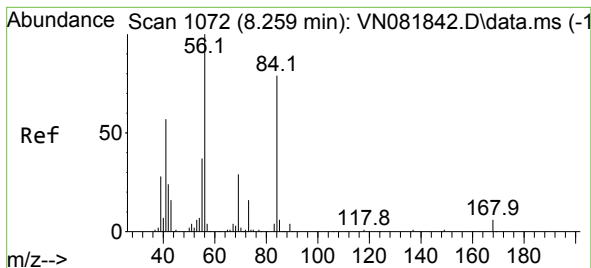
Tgt Ion:	84	Resp:	1334
Ion	Ratio	Lower	Upper
84	100		
49	88.4	84.9	127.3
51	27.6	27.0	40.6
86	0.0	52.3	78.5#



#25
2-Butanone
Concen: 0.548 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081883.D
Acq: 26 Apr 2024 17:19

Tgt Ion:	43	Resp:	1333
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.3	37.9#





#31

Cyclohexane

Concen: 1.132 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN081883.D

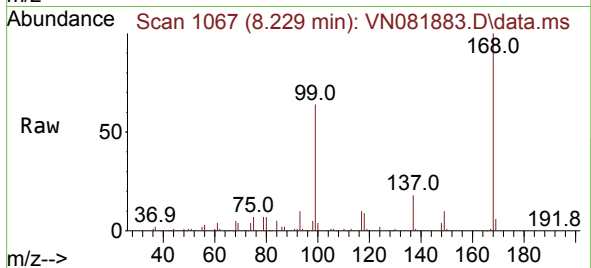
Acq: 26 Apr 2024 17:19

Instrument :

MSVOA_N

ClientSampleId :

CONTAIN-WATER



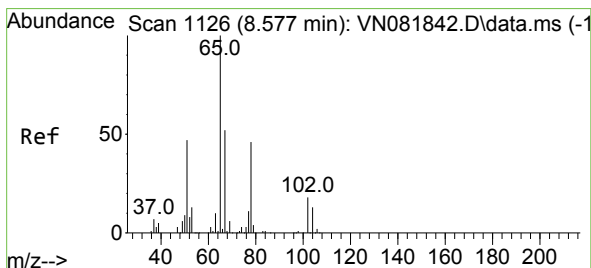
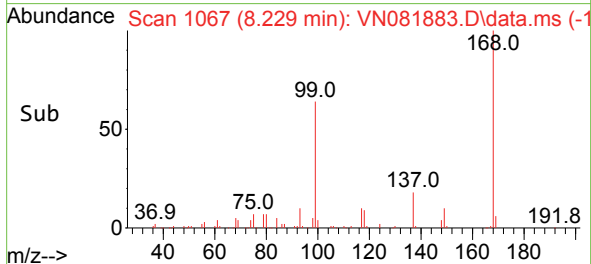
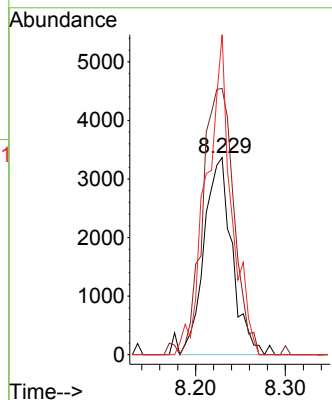
Tgt Ion: 56 Resp: 7306

Ion Ratio Lower Upper

56 100

69 135.1 24.4 36.6#

84 162.3 77.0 115.4#



#33

1,2-Dichloroethane-d4

Concen: 43.210 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081883.D

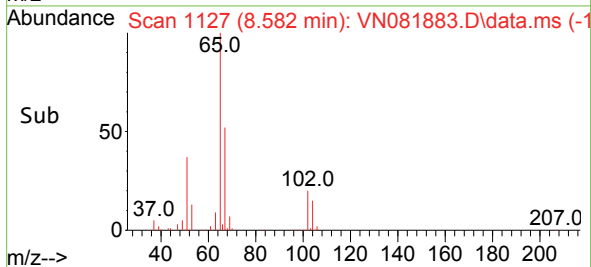
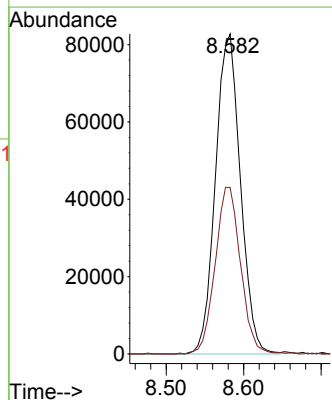
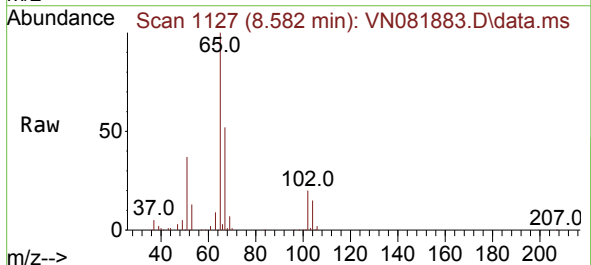
Acq: 26 Apr 2024 17:19

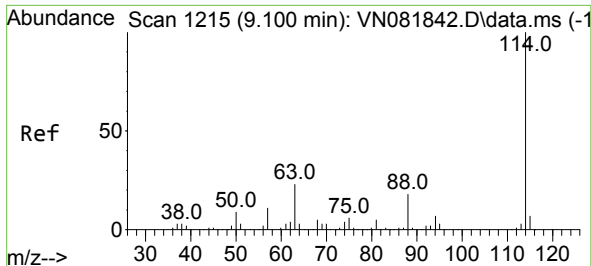
Tgt Ion: 65 Resp: 185175

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081883.D

Acq: 26 Apr 2024 17:19

Instrument :

MSVOA_N

ClientSampleId :

CONTAIN-WATER

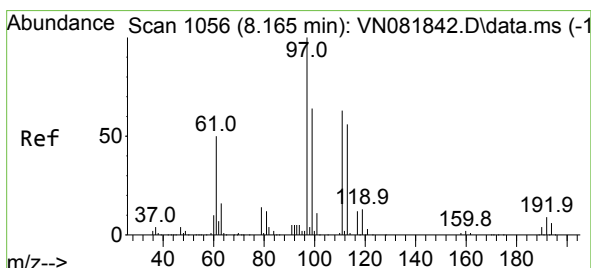
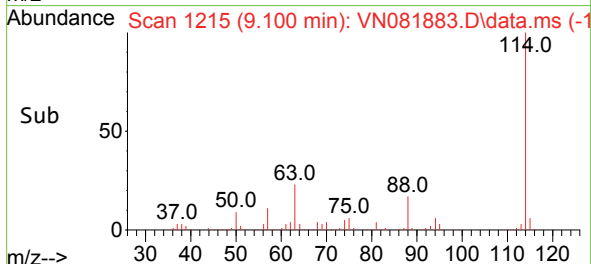
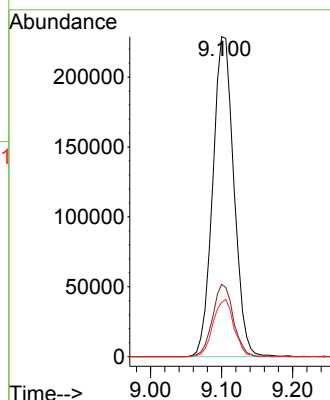
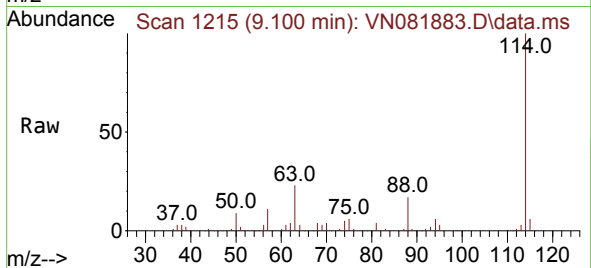
Tgt Ion:114 Resp: 472582

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.0

88 17.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.532 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081883.D

Acq: 26 Apr 2024 17:19

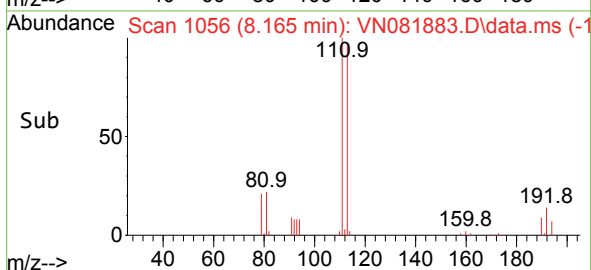
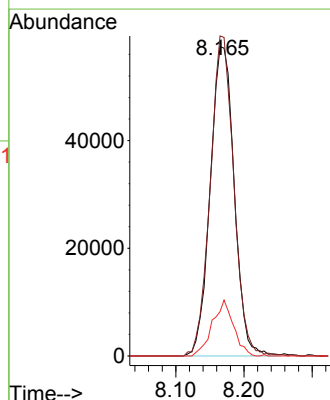
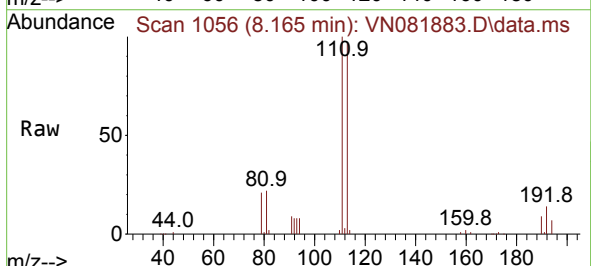
Tgt Ion:113 Resp: 140935

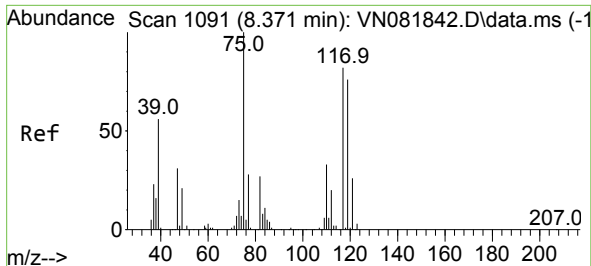
Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.2

192 16.0 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.916 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN081883.D

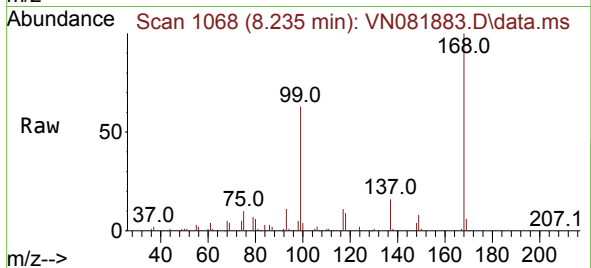
Acq: 26 Apr 2024 17:19

Instrument :

MSVOA_N

ClientSampleId :

CONTAIN-WATER



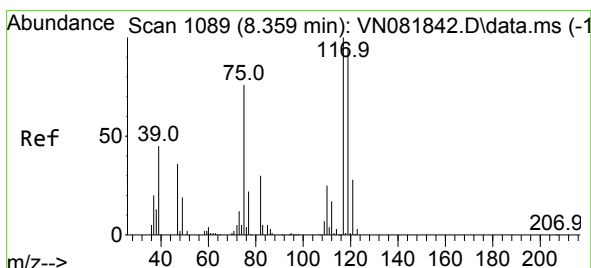
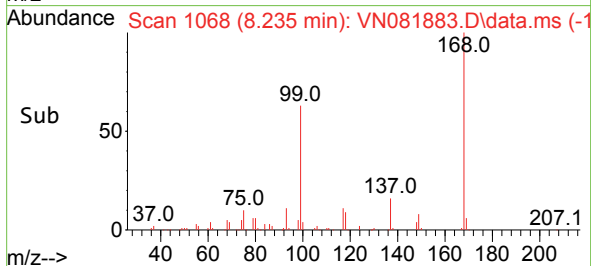
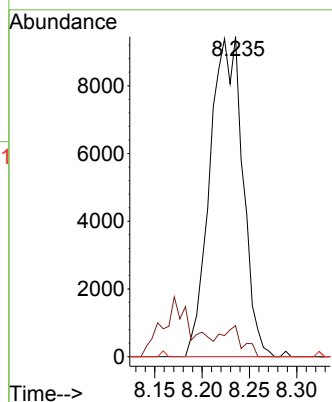
Tgt Ion: 75 Resp: 22757

Ion Ratio Lower Upper

75 100

110 6.2 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.005 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081883.D

Acq: 26 Apr 2024 17:19

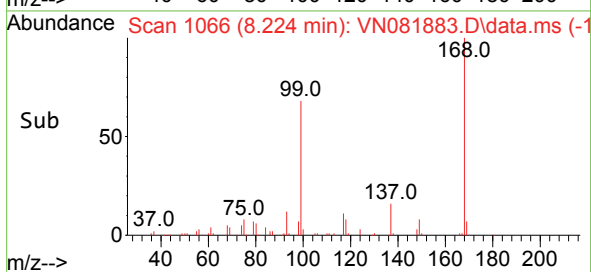
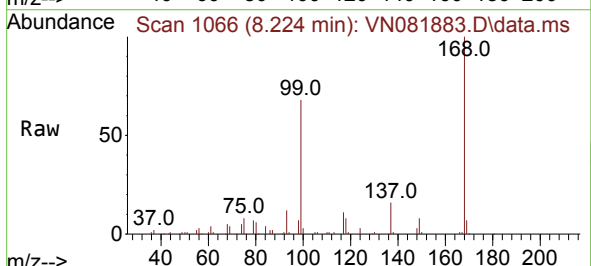
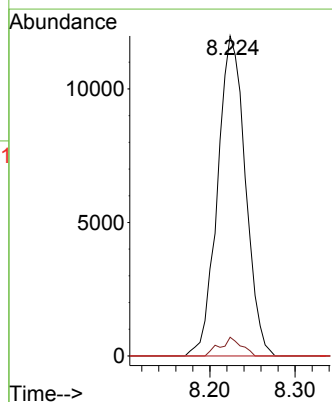
Tgt Ion: 117 Resp: 27170

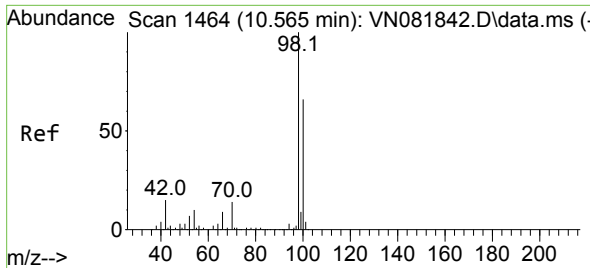
Ion Ratio Lower Upper

117 100

119 5.9 76.5 114.7#

121 0.0 23.9 35.9#

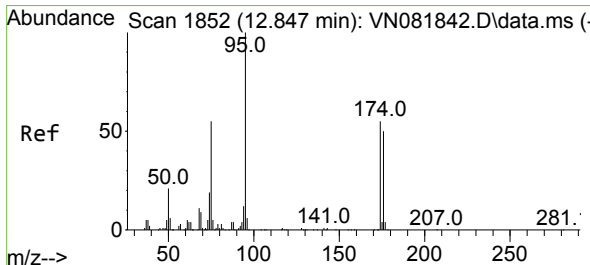
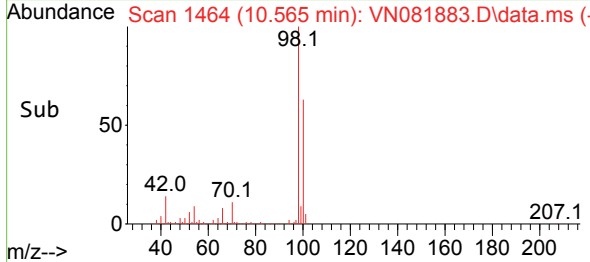
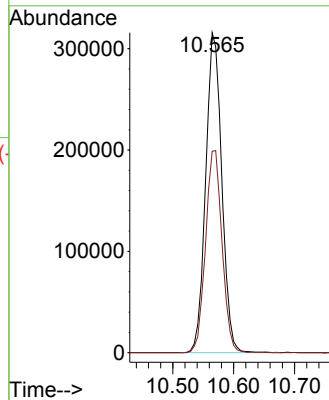
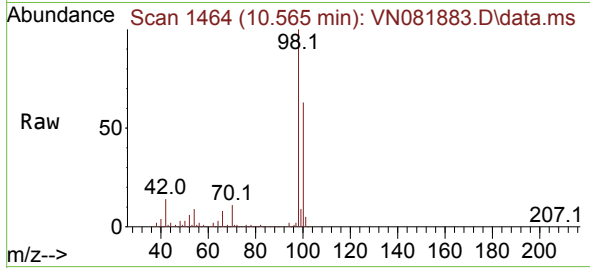




#50
Toluene-d8
Concen: 51.953 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081883.D
Acq: 26 Apr 2024 17:19

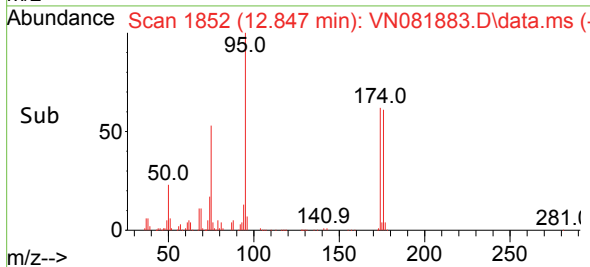
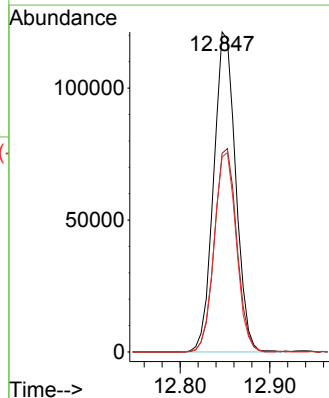
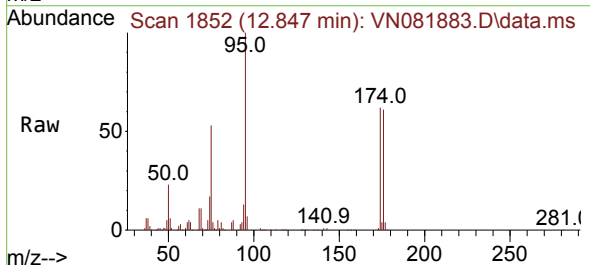
Instrument :
MSVOA_N
ClientSampleId :
CONTAIN-WATER

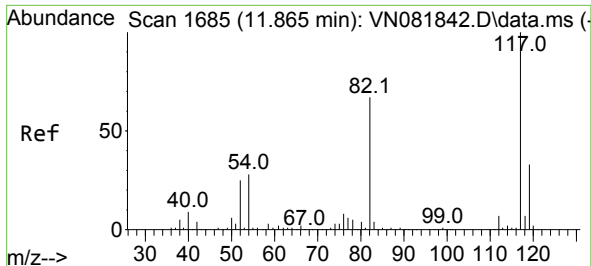
Tgt Ion: 98 Resp: 580575
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.801 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081883.D
Acq: 26 Apr 2024 17:19

Tgt Ion: 95 Resp: 206745
Ion Ratio Lower Upper
95 100
174 64.4 0.0 160.6
176 62.6 0.0 152.8

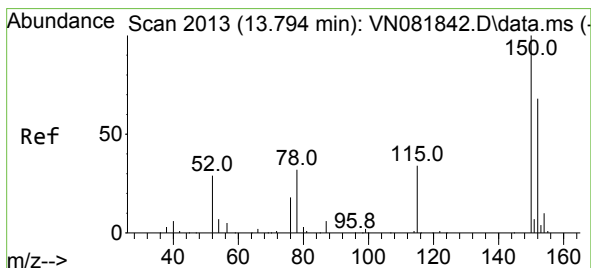
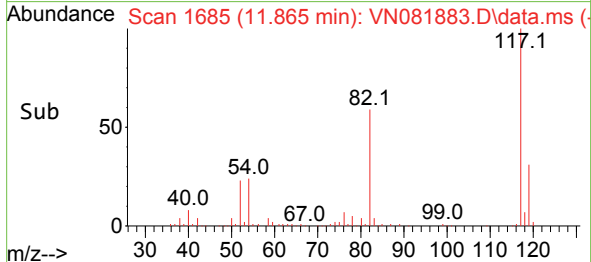
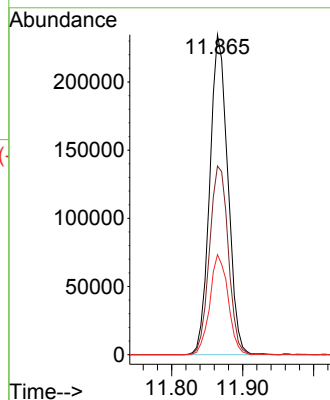
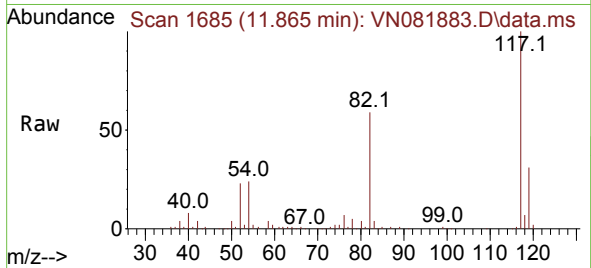




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081883.D
Acq: 26 Apr 2024 17:19

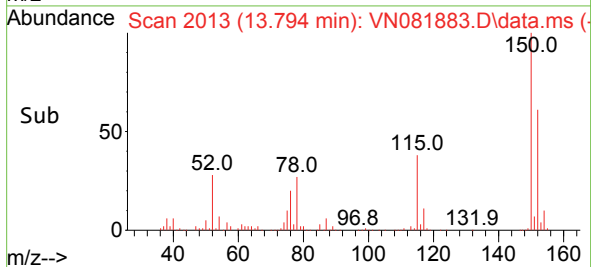
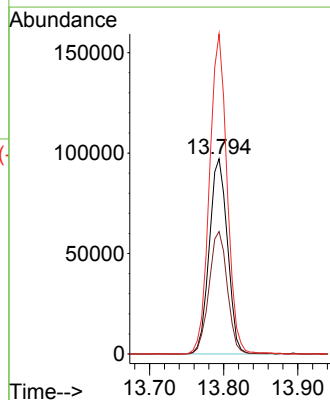
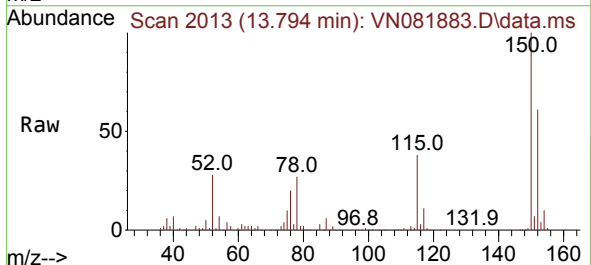
Instrument :
MSVOA_N
ClientSampleId :
CONTAIN-WATER

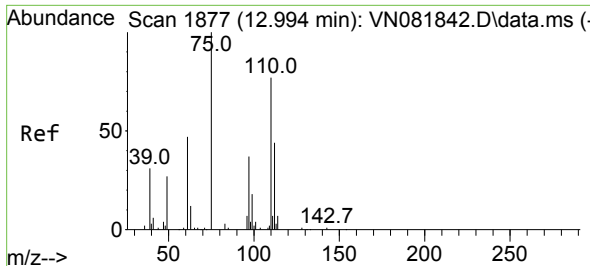
Tgt Ion:117 Resp: 413991
Ion Ratio Lower Upper
117 100
82 59.0 44.6 66.8
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081883.D
Acq: 26 Apr 2024 17:19

Tgt Ion:152 Resp: 166111
Ion Ratio Lower Upper
152 100
115 63.2 30.4 91.3
150 158.1 0.0 353.2

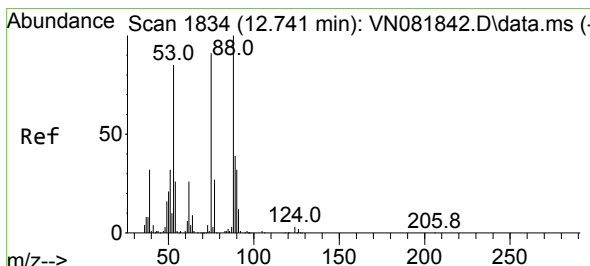
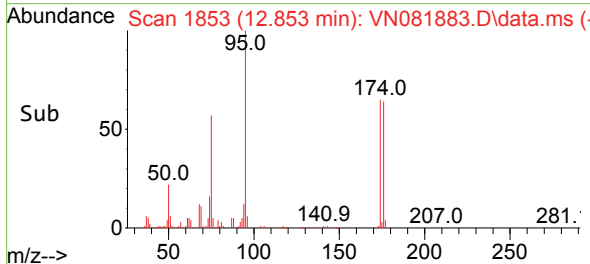
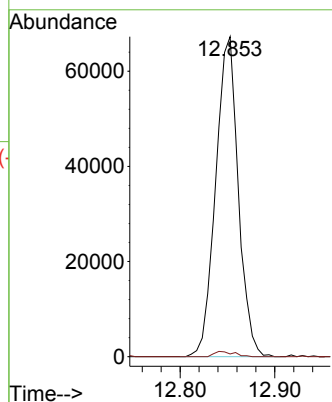
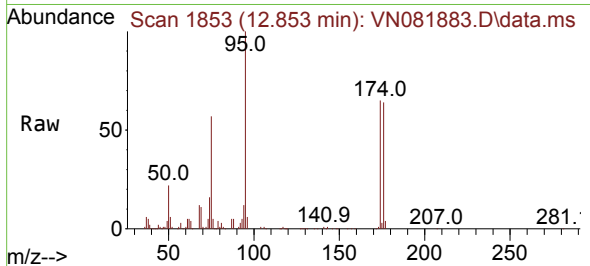




#76
1,2,3-Trichloropropane
Concen: 25.908 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081883.D
Acq: 26 Apr 2024 17:19

Instrument :
MSVOA_N
ClientSampleId :
CONTAIN-WATER

Tgt Ion: 75 Resp: 111584
Ion Ratio Lower Upper
75 100
77 1.5 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.089 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081883.D
Acq: 26 Apr 2024 17:19

Tgt Ion: 75 Resp: 111584
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.1 39.1 58.7#

