

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081882.D
 Acq On : 26 Apr 2024 16:56
 Operator : JC\MD
 Sample : P2282-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Apr 26 23:03:00 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)

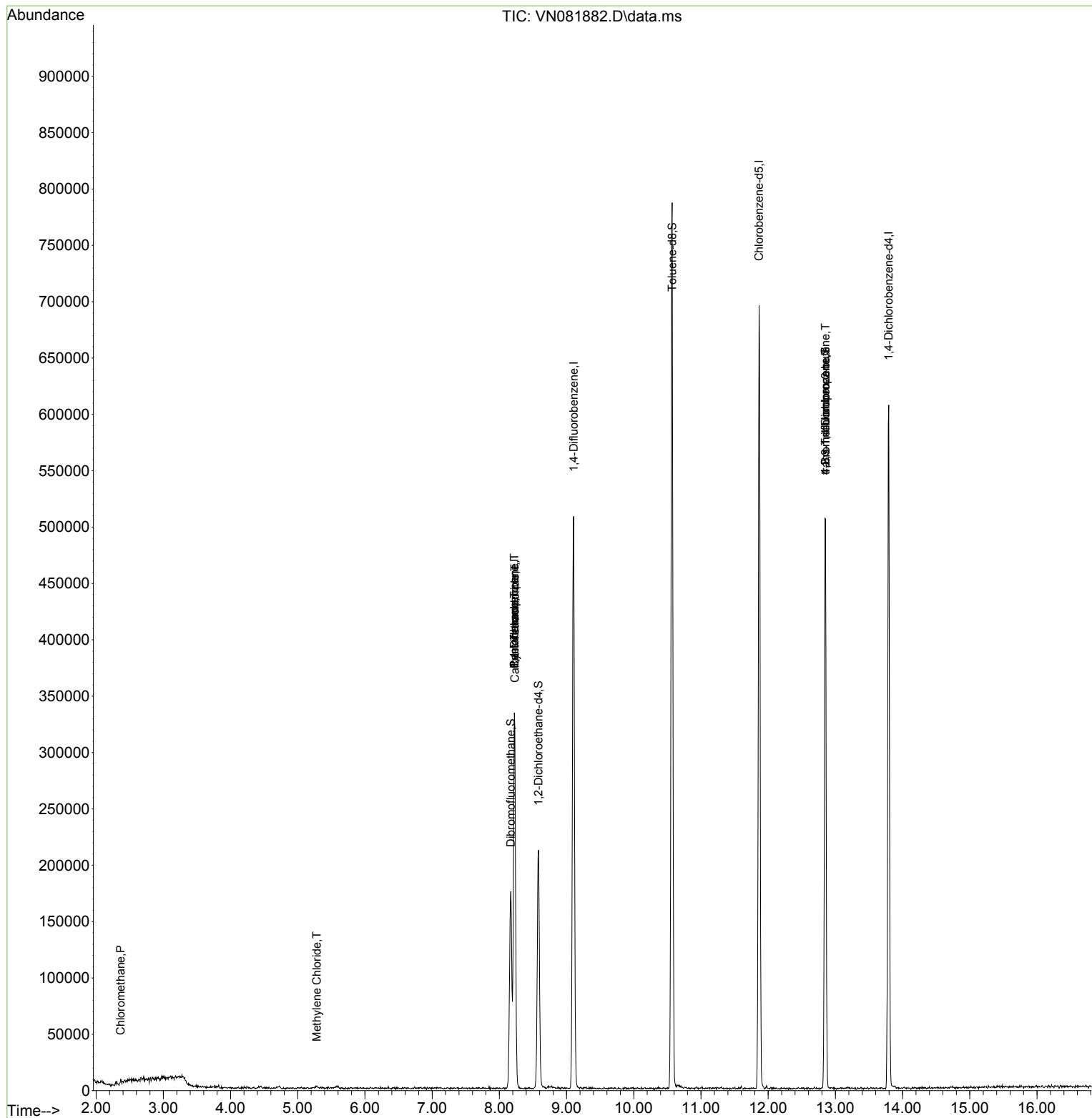
Internal Standards						
1) Pentafluorobenzene	8.224	168	234145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	433725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	391107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173707	43.957	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.920%		
35) Dibromofluoromethane	8.171	113	127112	48.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.360%		
50) Toluene-d8	10.570	98	531372	51.810	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.620%		
62) 4-Bromofluorobenzene	12.853	95	190586	47.009	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	94.020%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	862	0.251	ug/l #	81
5) Bromomethane	2.959	94	178	Below Cal	#	3
13) Acrolein	4.177	56	133	Below Cal	#	1
16) Acetone	4.430	43	1948	Below Cal	#	43
20) Methylene Chloride	5.283	84	1340	0.396	ug/l #	83
31) Cyclohexane	8.224	56	7206	1.210	ug/l #	49
36) 1,1-Dichloropropene	8.224	75	23203	5.462	ug/l #	49
38) Carbon Tetrachloride	8.229	117	25516	6.145	ug/l #	14
76) 1,2,3-Trichloropropane	12.853	75	101739	25.517	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	101739	52.287	ug/l #	12

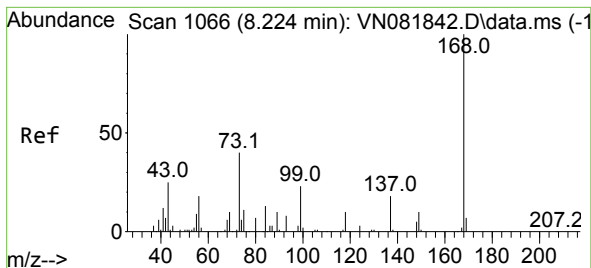
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN081882.D

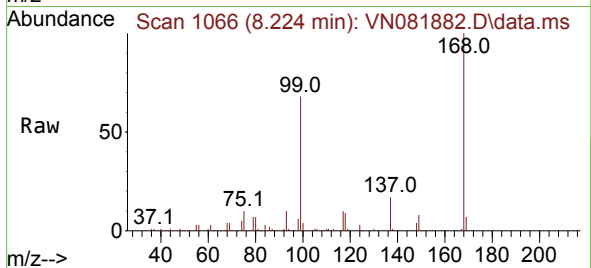
Acq: 26 Apr 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

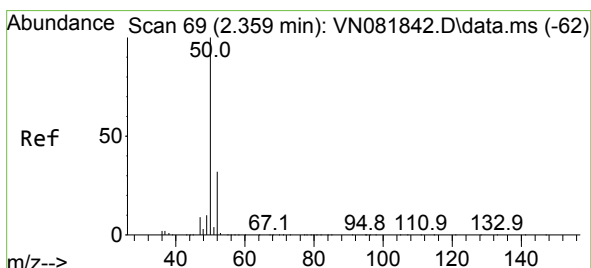
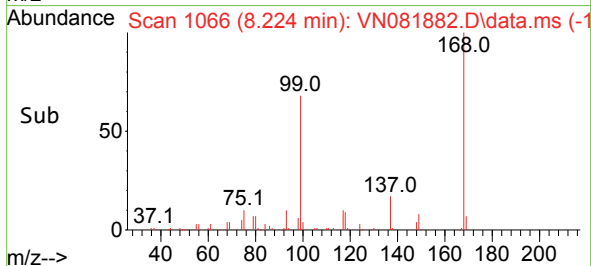
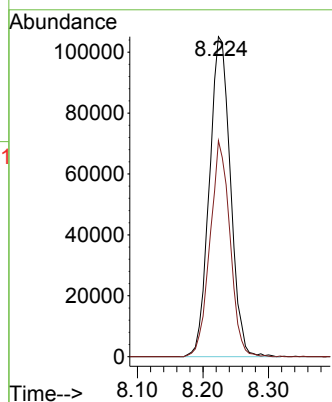


Tgt Ion:168 Resp: 234145

Ion Ratio Lower Upper

168 100

99 67.5 48.2 72.4



#3

Chloromethane

Concen: 0.251 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081882.D

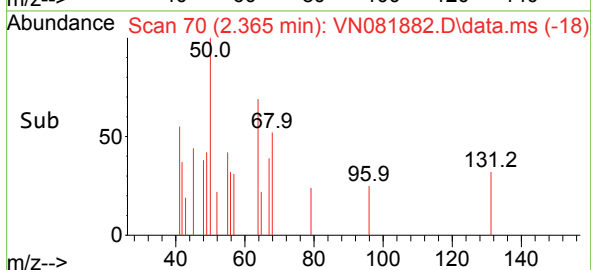
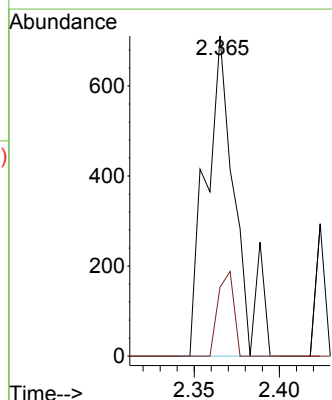
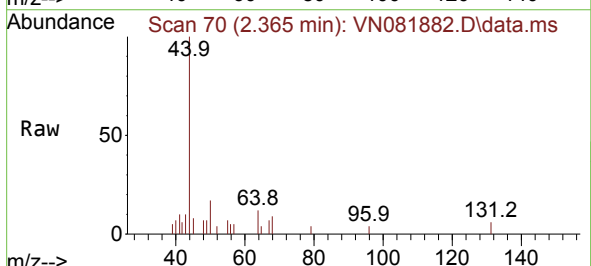
Acq: 26 Apr 2024 16:56

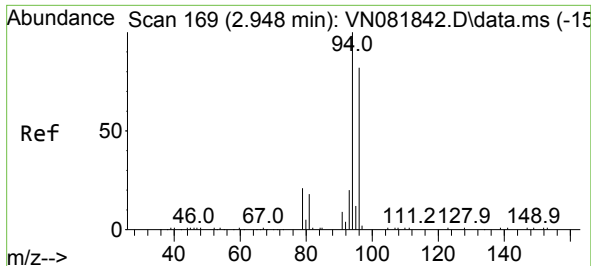
Tgt Ion: 50 Resp: 862

Ion Ratio Lower Upper

50 100

52 21.5 25.5 38.3#

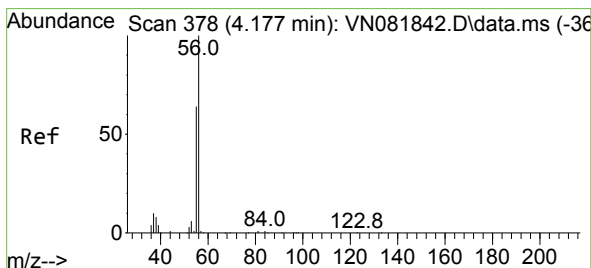
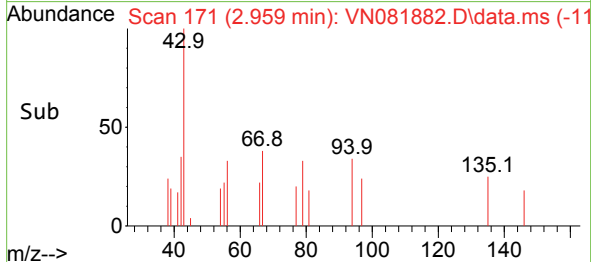
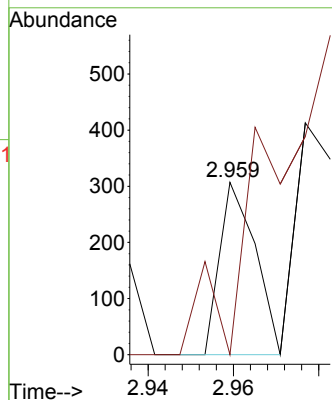
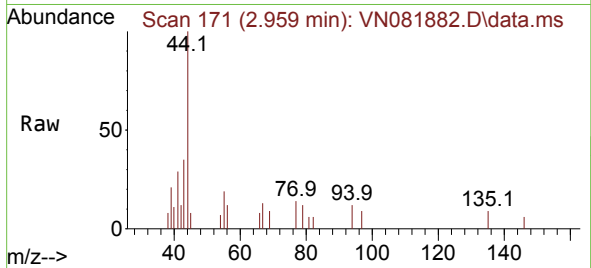




#5
Bromomethane
Concen: Below Cal
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081882.D
Acq: 26 Apr 2024 16:56

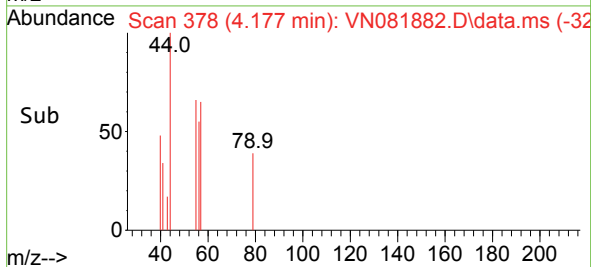
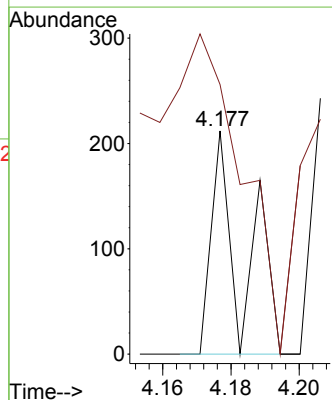
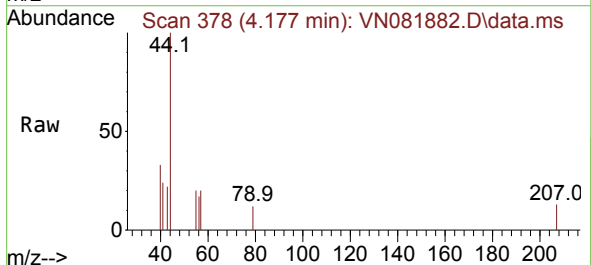
Instrument :
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STORAGE-BLANK-SAMPLE-MANAG

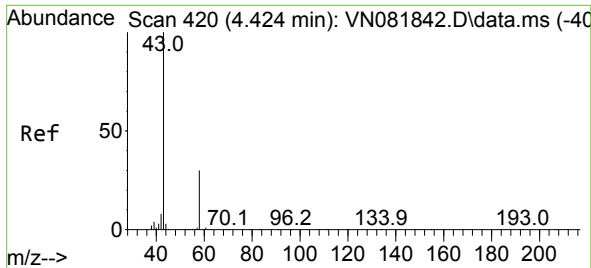
Tgt Ion: 94 Resp: 178
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081882.D
Acq: 26 Apr 2024 16:56

Tgt Ion: 56 Resp: 133
Ion Ratio Lower Upper
56 100
55 508.3 55.8 83.8#

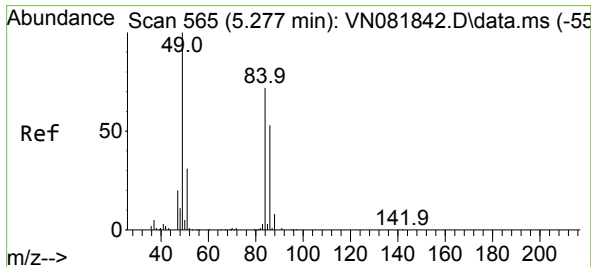
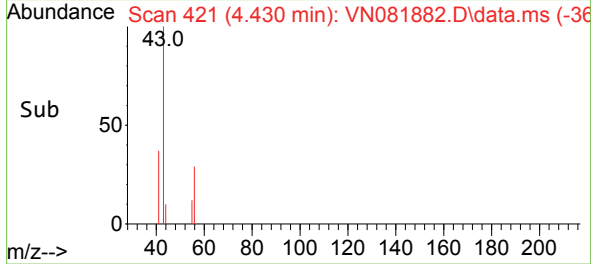
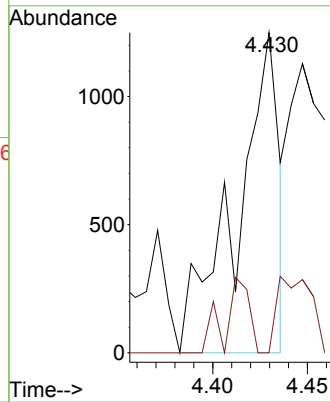
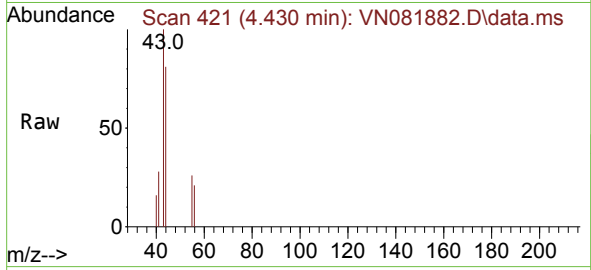




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081882.D
Acq: 26 Apr 2024 16:56

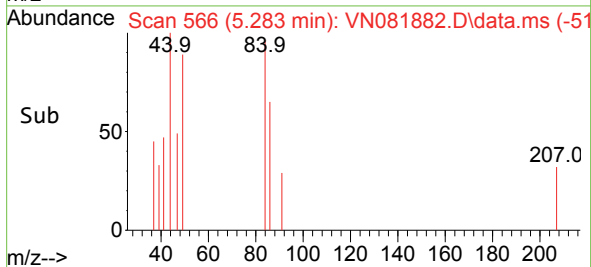
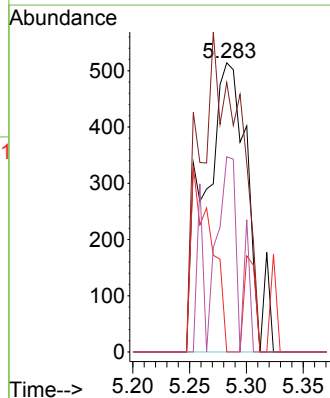
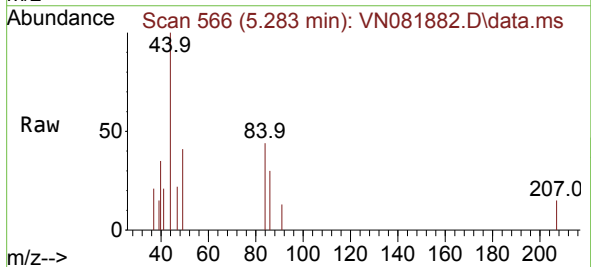
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

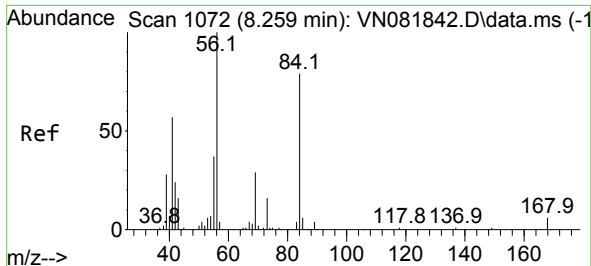
Tgt Ion: 43 Resp: 1948
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 0.396 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081882.D
Acq: 26 Apr 2024 16:56

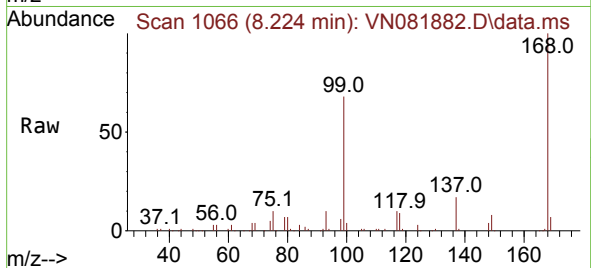
Tgt Ion: 84 Resp: 1340
Ion Ratio Lower Upper
84 100
49 93.2 84.9 127.3
51 0.0 27.0 40.6#
86 67.5 52.3 78.5



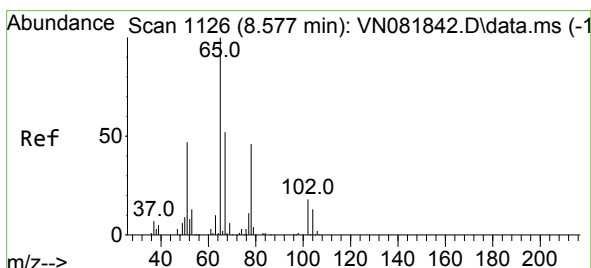
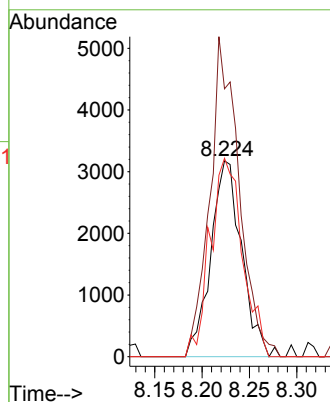
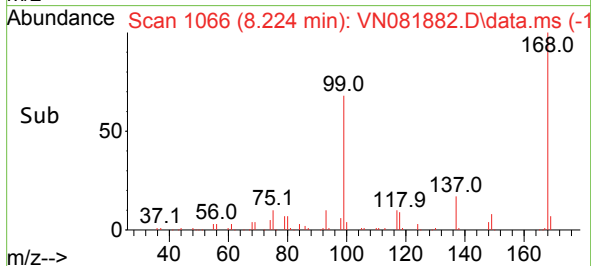


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081882.D
Acq: 26 Apr 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

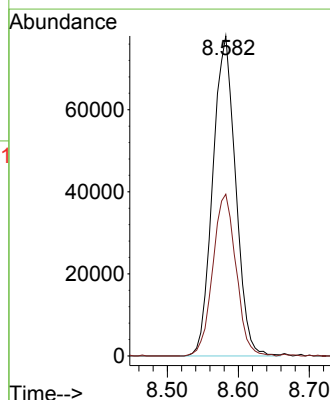
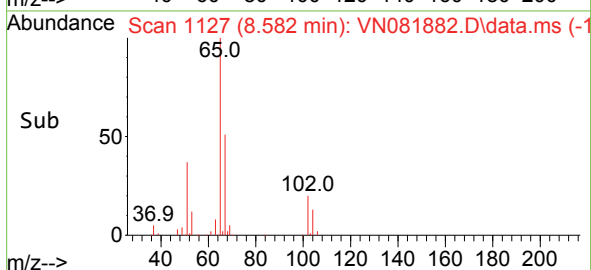
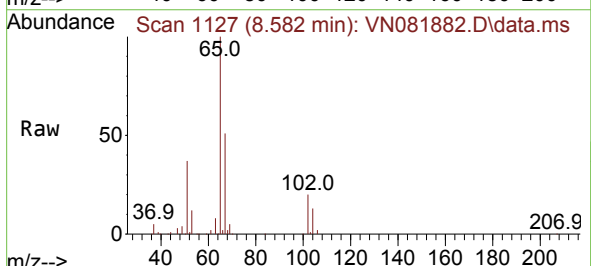


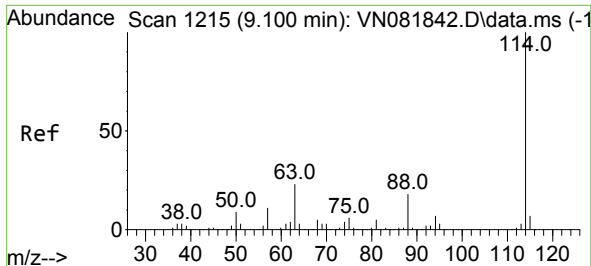
Tgt Ion: 56 Resp: 7206
Ion Ratio Lower Upper
56 100
69 136.7 24.4 36.6#
84 101.3 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 43.957 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081882.D
Acq: 26 Apr 2024 16:56

Tgt Ion: 65 Resp: 173707
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081882.D

Acq: 26 Apr 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

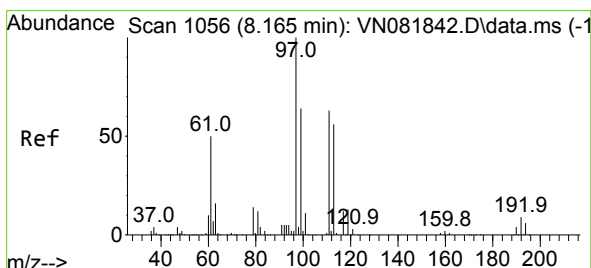
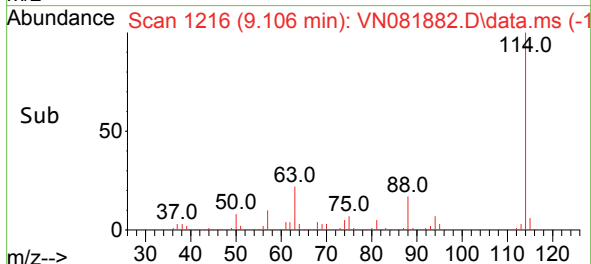
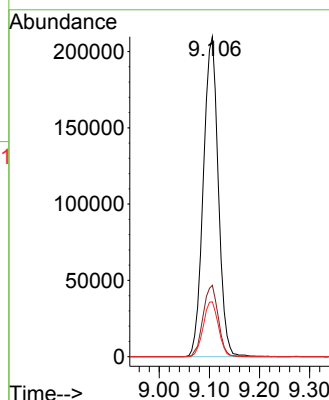
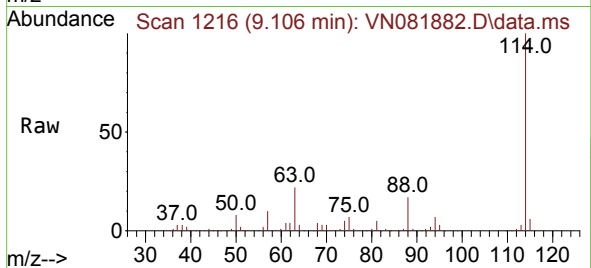
Tgt Ion:114 Resp: 433725

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.0

88 17.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.676 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081882.D

Acq: 26 Apr 2024 16:56

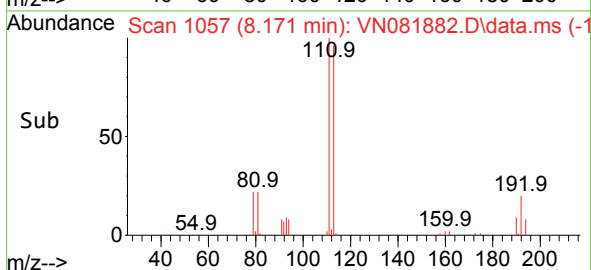
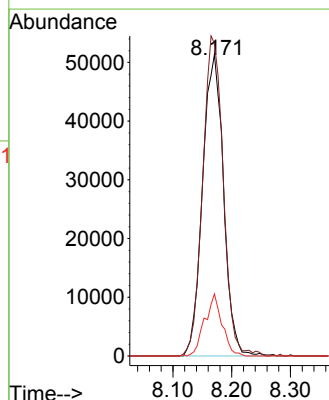
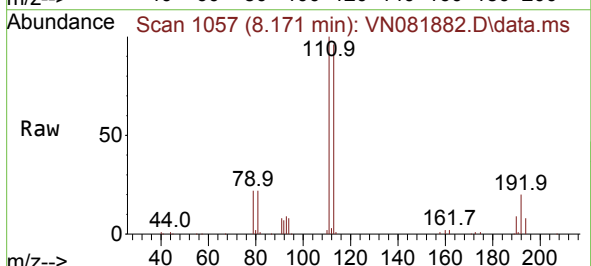
Tgt Ion:113 Resp: 127112

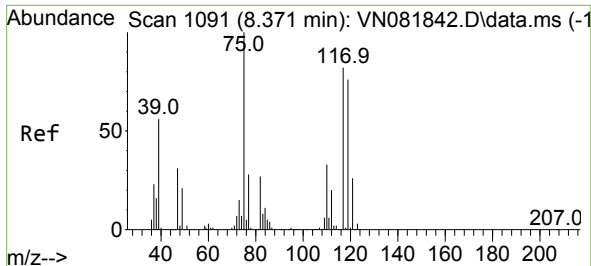
Ion Ratio Lower Upper

113 100

111 104.1 83.4 125.2

192 17.1 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.462 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081882.D

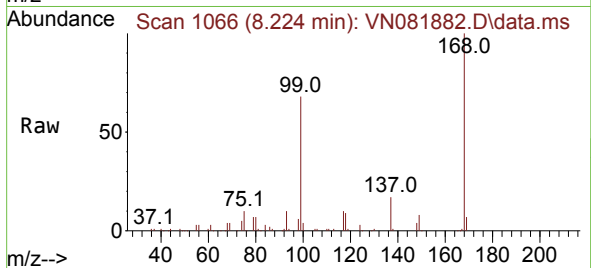
Acq: 26 Apr 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



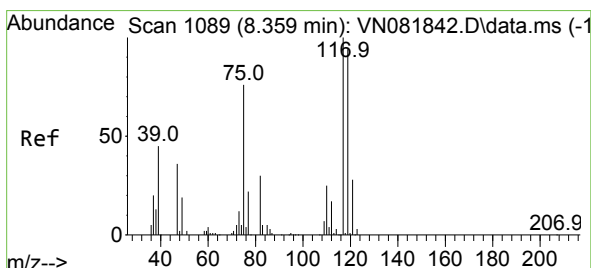
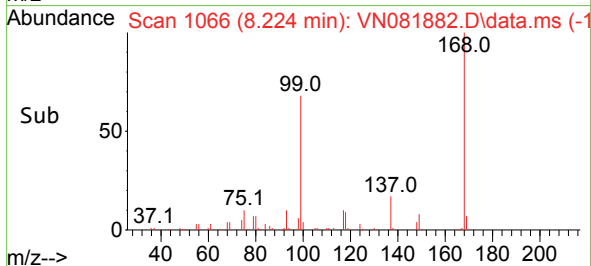
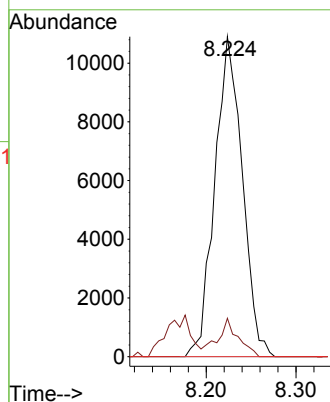
Tgt Ion: 75 Resp: 23203

Ion Ratio Lower Upper

75 100

110 9.0 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.145 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN081882.D

Acq: 26 Apr 2024 16:56

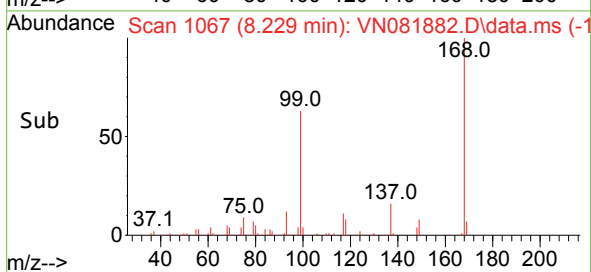
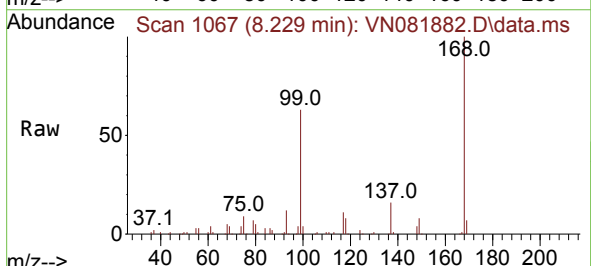
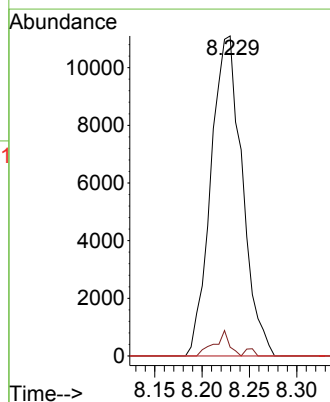
Tgt Ion: 117 Resp: 25516

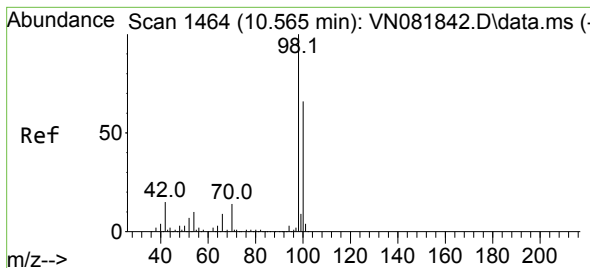
Ion Ratio Lower Upper

117 100

119 2.8 76.5 114.7#

121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 51.810 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081882.D

Acq: 26 Apr 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

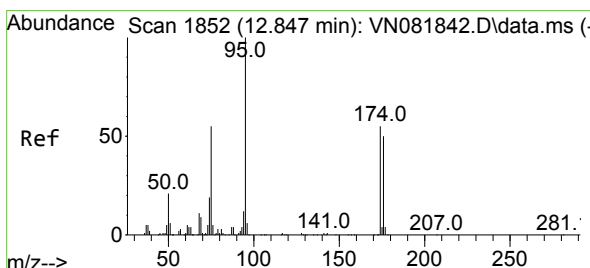
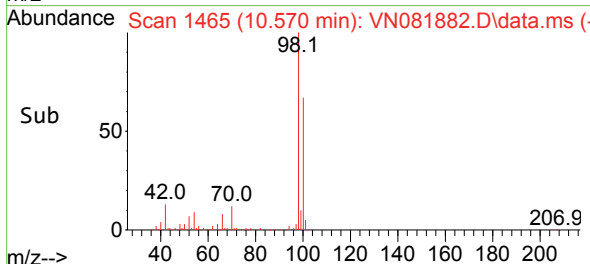
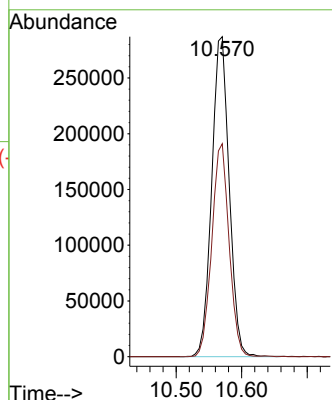
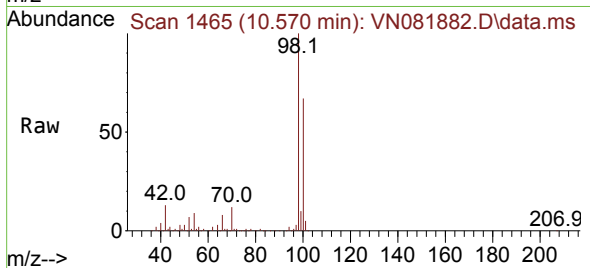
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 531372

Ion Ratio Lower Upper

98 100

100 65.9 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 47.009 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081882.D

Acq: 26 Apr 2024 16:56

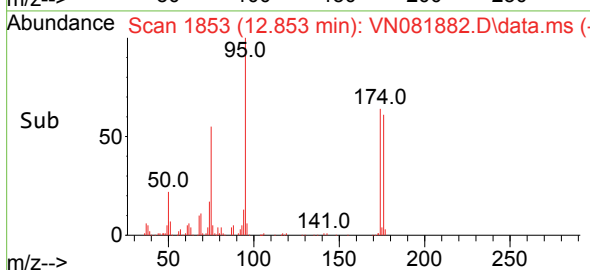
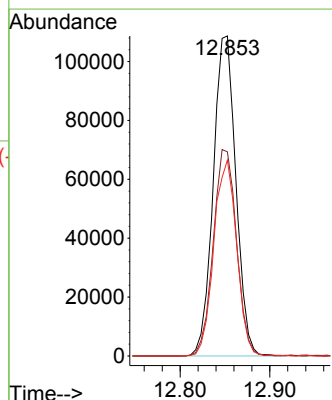
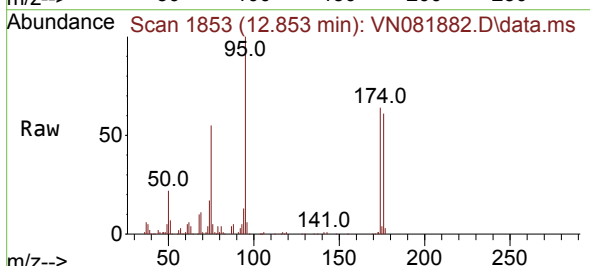
Tgt Ion: 95 Resp: 190586

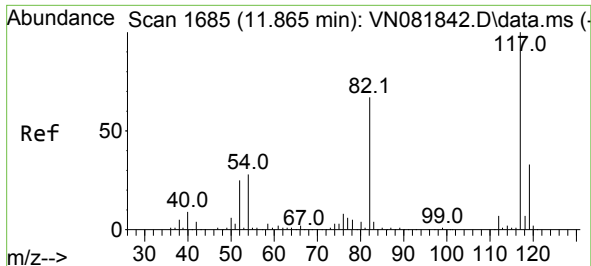
Ion Ratio Lower Upper

95 100

174 66.3 0.0 160.6

176 61.5 0.0 152.8

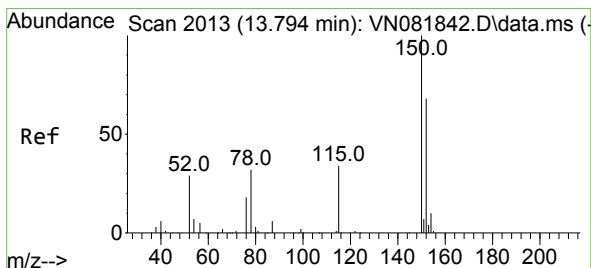
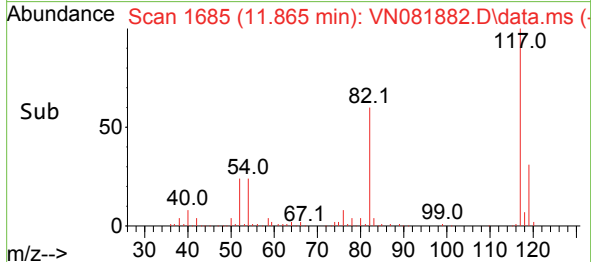
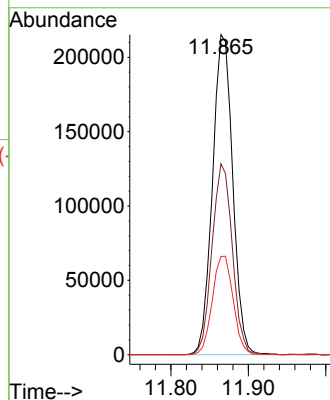
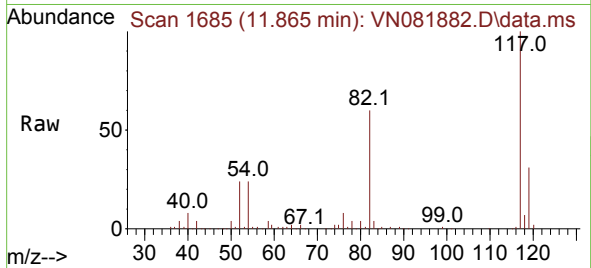




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081882.D
Acq: 26 Apr 2024 16:56

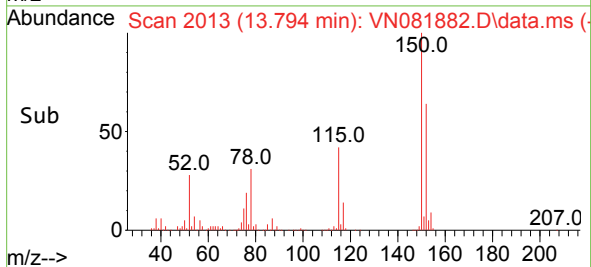
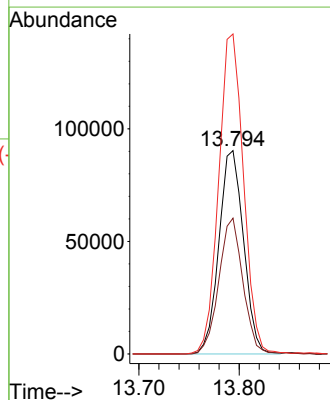
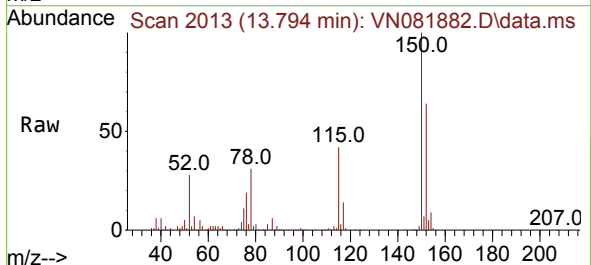
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MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

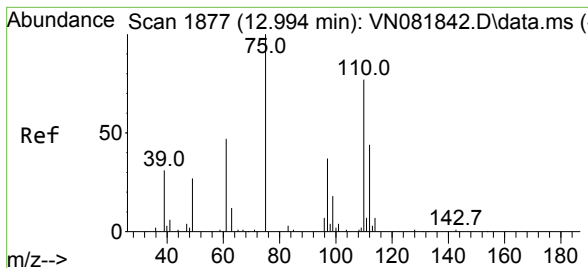
Tgt Ion:117 Resp: 391107
Ion Ratio Lower Upper
117 100
82 59.6 44.6 66.8
119 30.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081882.D
Acq: 26 Apr 2024 16:56

Tgt Ion:152 Resp: 153778
Ion Ratio Lower Upper
152 100
115 65.4 30.4 91.3
150 158.5 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 25.517 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081882.D

Acq: 26 Apr 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

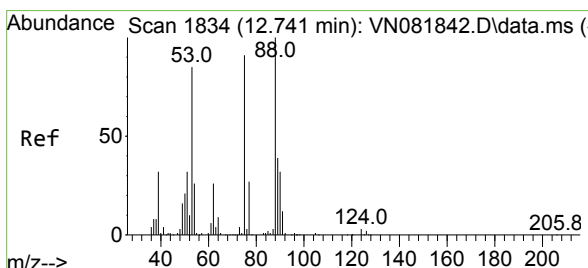
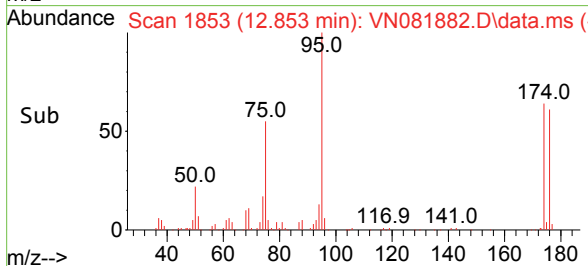
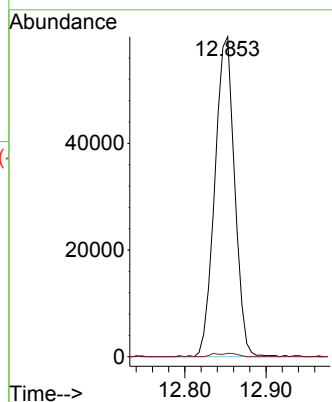
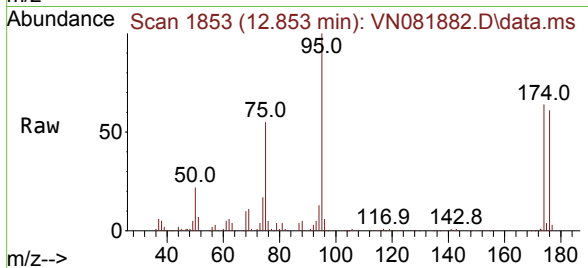
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 101739

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.287 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081882.D

Acq: 26 Apr 2024 16:56

Tgt Ion: 75 Resp: 101739

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.1 39.1 58.7#

