

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081698.D
 Acq On : 11 Apr 2024 15:50
 Operator : JC\MD
 Sample : P2076-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410059-03-TRIP-BLANK

Quant Time: Apr 12 06:02:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

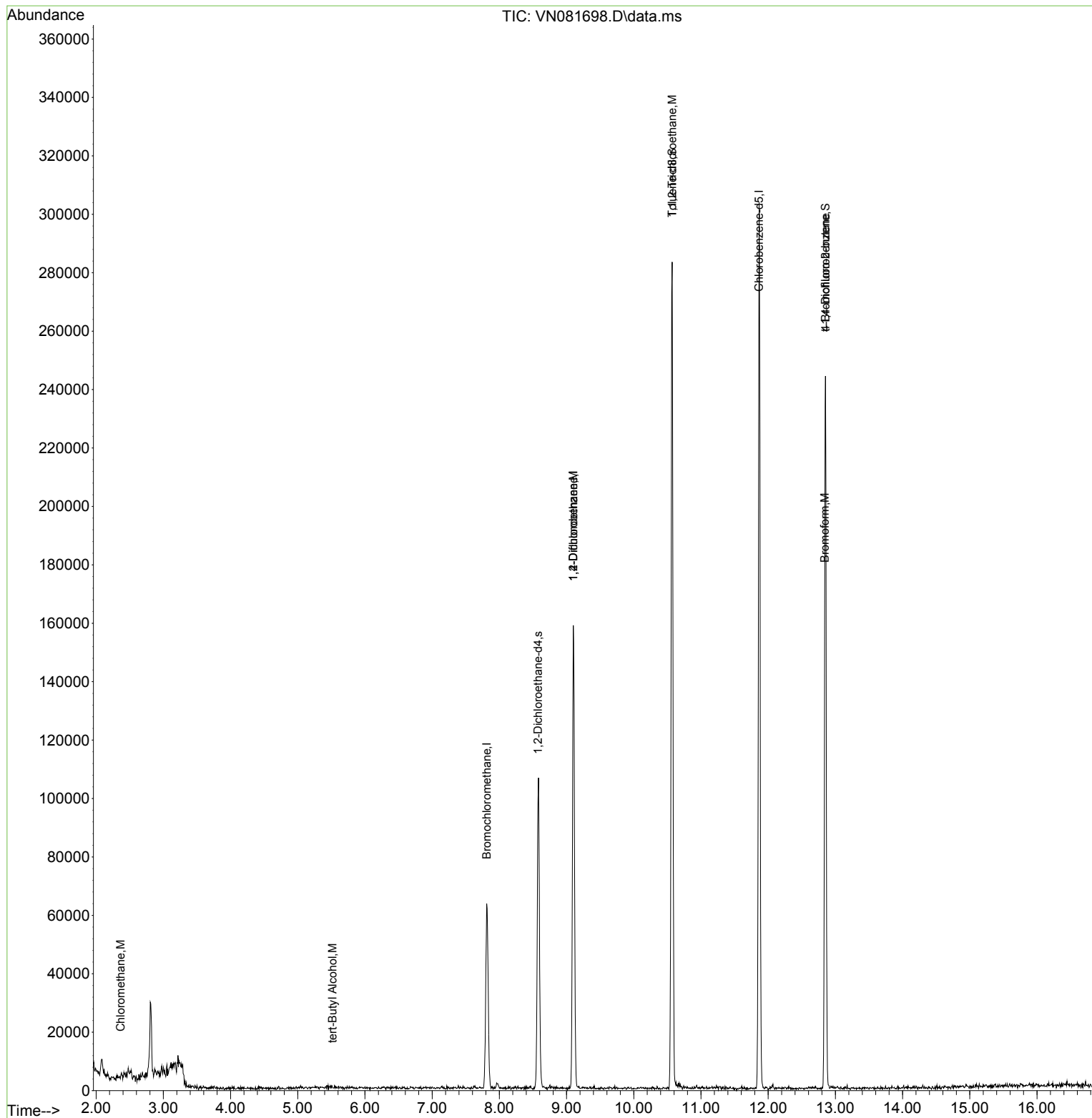
Internal Standards						
1) Bromochloromethane	7.812	128	22328	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	133042	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	171522	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	85812	31.284	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.267%
60) 4-Bromofluorobenzene	12.853	95	80844	23.974	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.900%
63) Toluene-d8	10.571	98	194373	28.251	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.167%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	615	0.227	ug/l #	43
23) tert-Butyl Alcohol	5.518	59	201	0.431	ug/l #	100
36) 1,2-Dichloroethane	9.100	62	5159	1.396	ug/l #	72
50) 1,1,2-Trichloroethane	10.571	97	8276	2.952	ug/l #	1
56) Bromoform	12.841	173	543	0.254	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.853	75	45850	35.568	ug/l #	12

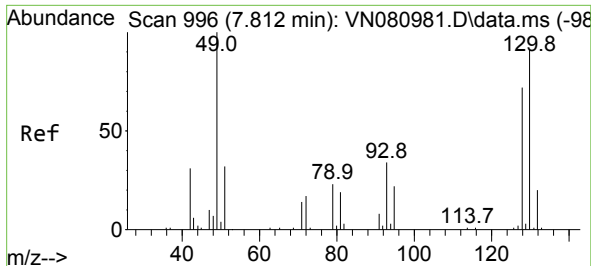
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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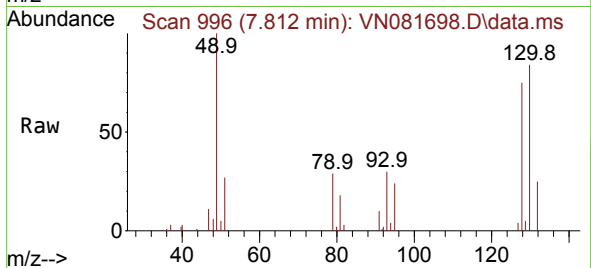
Quant Time: Apr 12 06:02:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration



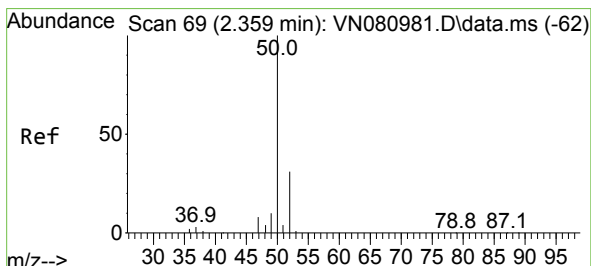
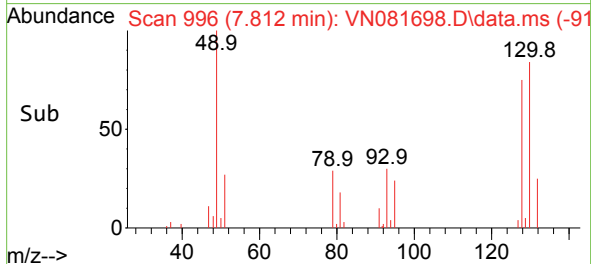
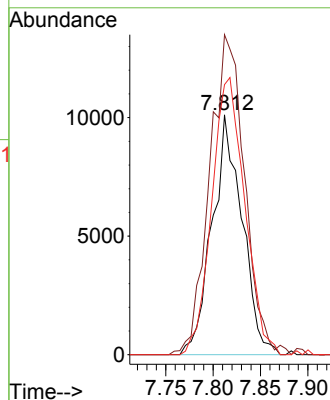


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

Instrument :
MSVOA_N
ClientSampleId :
240410059-03-TRIP-BLANK

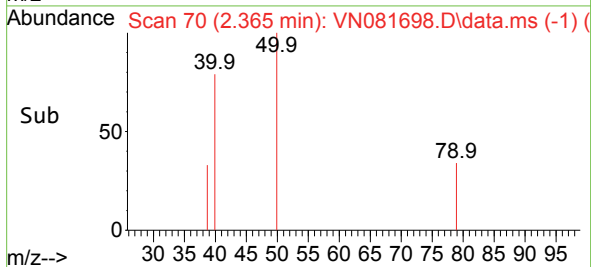
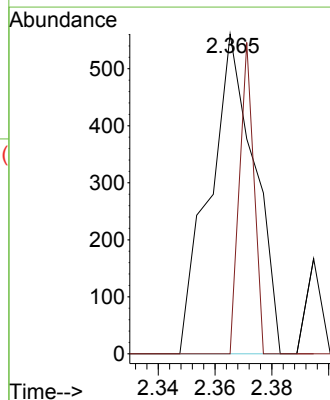
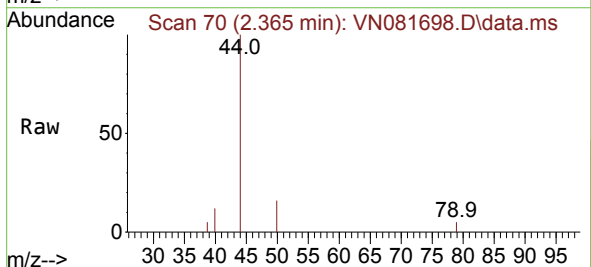


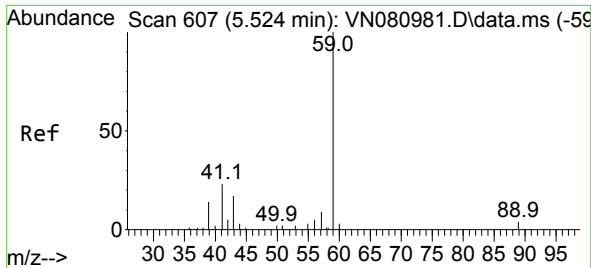
Tgt Ion:128 Resp: 22328
Ion Ratio Lower Upper
128 100
49 154.0 0.0 403.7
130 127.3 0.0 323.3



#3
Chloromethane
Concen: 0.227 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

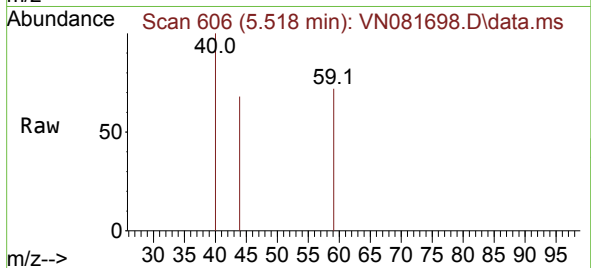
Tgt Ion: 50 Resp: 615
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0



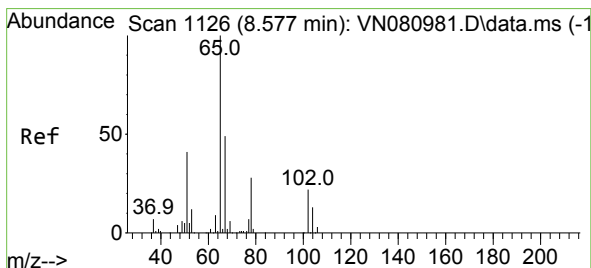
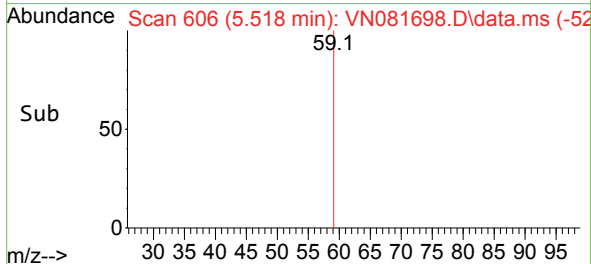
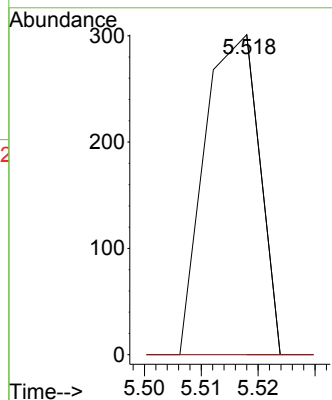


#23
tert-Butyl Alcohol
Concen: 0.431 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

Instrument :
MSVOA_N
ClientSampleId :
240410059-03-TRIP-BLANK

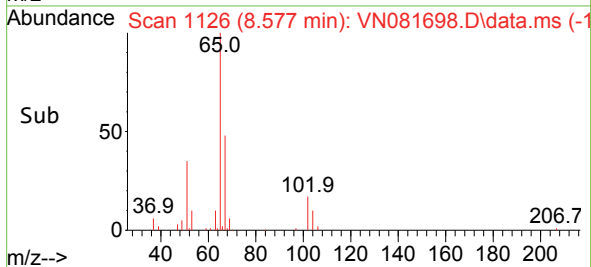
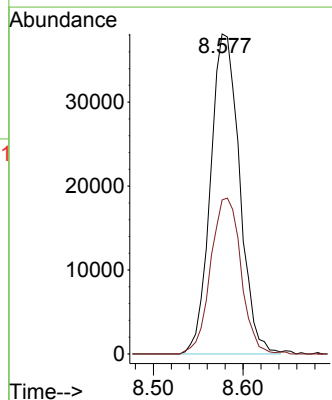
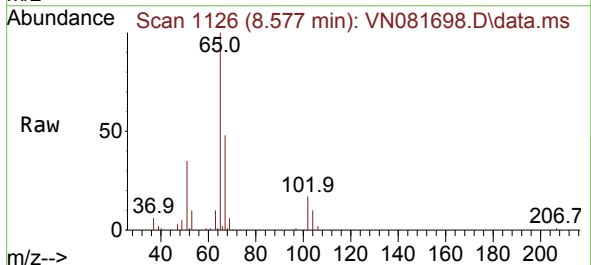


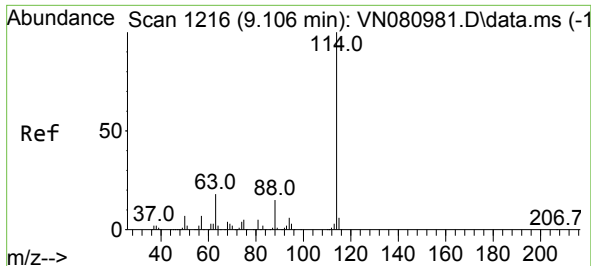
Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 31.284 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

Tgt Ion: 65 Resp: 85812
Ion Ratio Lower Upper
65 100
67 50.6 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081698.D

Acq: 11 Apr 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

240410059-03-TRIP-BLANK

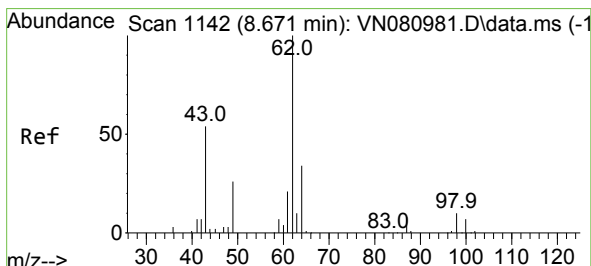
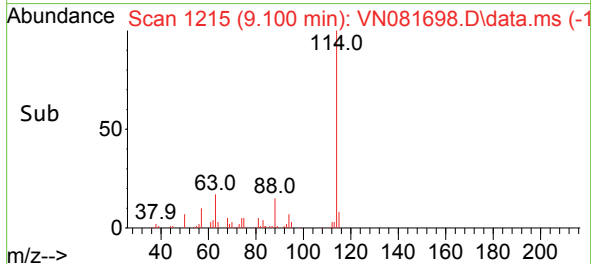
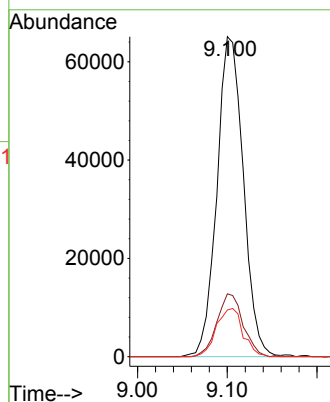
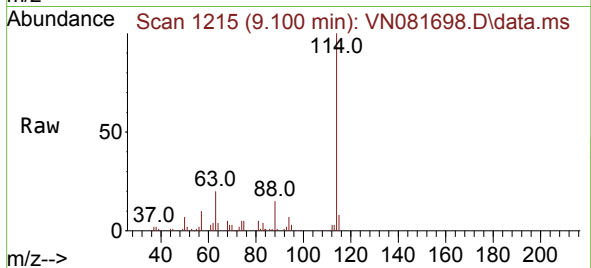
Tgt Ion:114 Resp: 133042

Ion Ratio Lower Upper

114 100

63 19.4 15.9 23.9

88 15.2 12.7 19.1



#36

1,2-Dichloroethane

Concen: 1.396 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.429 min

Lab File: VN081698.D

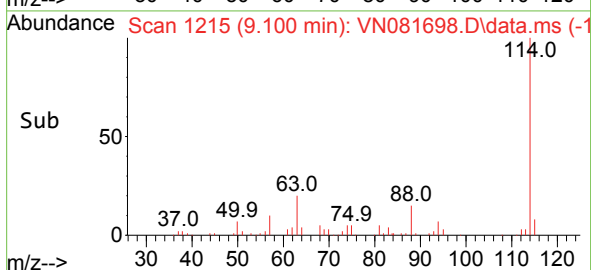
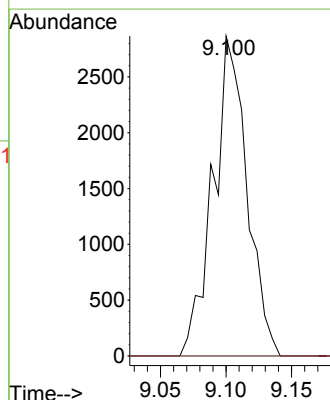
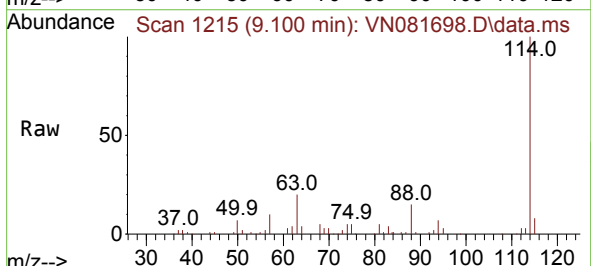
Acq: 11 Apr 2024 15:50

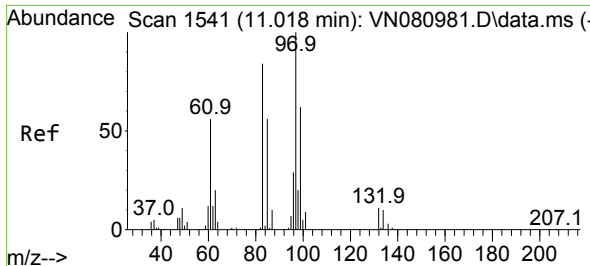
Tgt Ion: 62 Resp: 5159

Ion Ratio Lower Upper

62 100

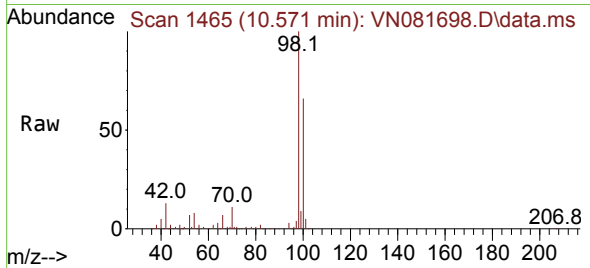
98 0.0 8.2 12.4#



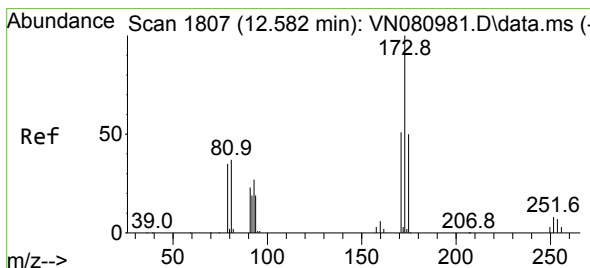
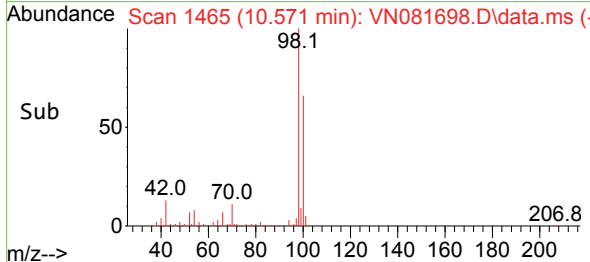
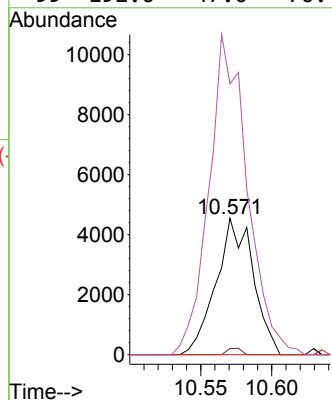


#50
1,1,2-Trichloroethane
Concen: 2.952 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

Instrument :
MSVOA_N
ClientSampleId :
240410059-03-TRIP-BLANK

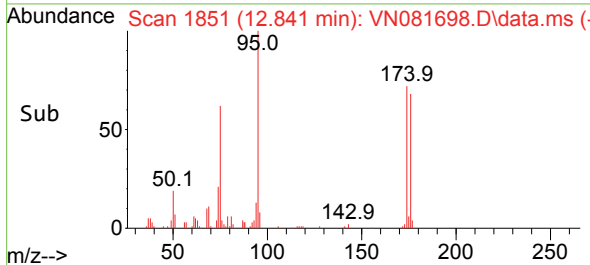
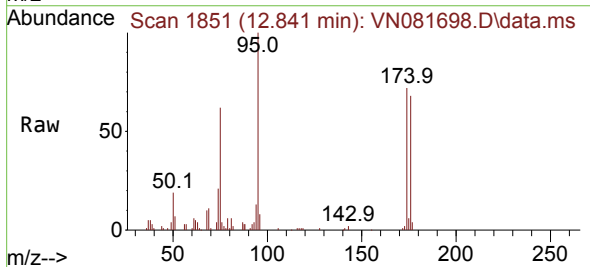
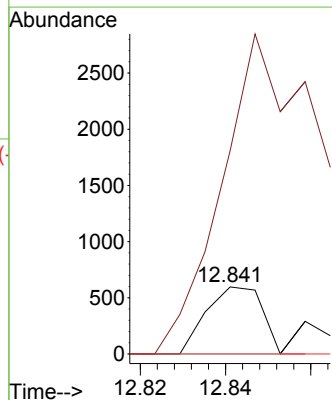


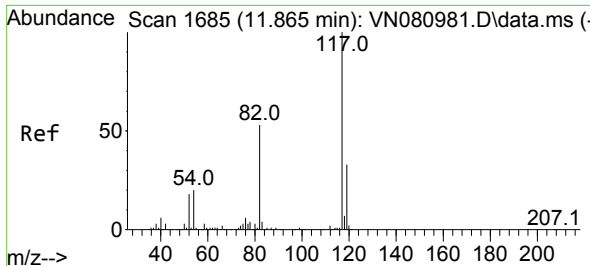
Tgt Ion: 97 Resp: 8276
Ion Ratio Lower Upper
97 100
83 4.4 68.1 102.1#
85 0.0 41.8 62.6#
99 192.0 47.0 70.4#



#56
Bromoform
Concen: 0.254 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

Tgt Ion: 173 Resp: 543
Ion Ratio Lower Upper
173 100
175 868.9 40.0 60.0#
254 0.0 8.3 12.5#

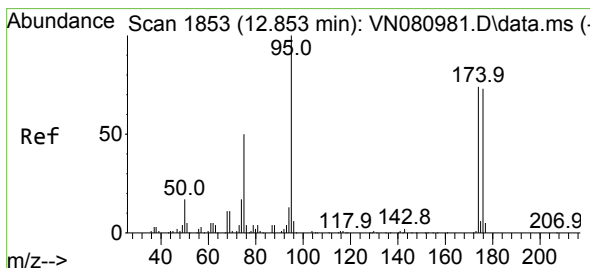
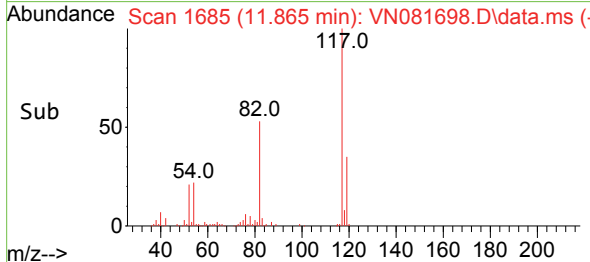
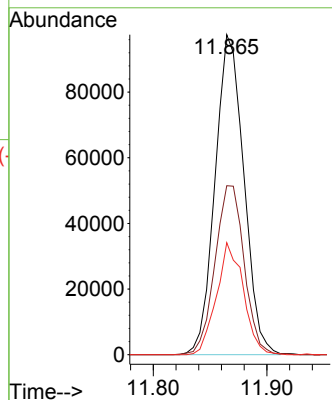
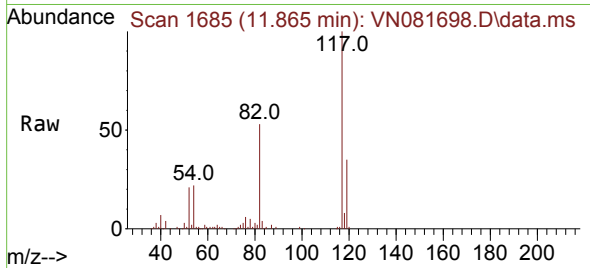




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

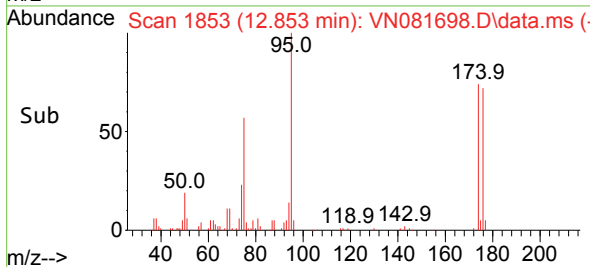
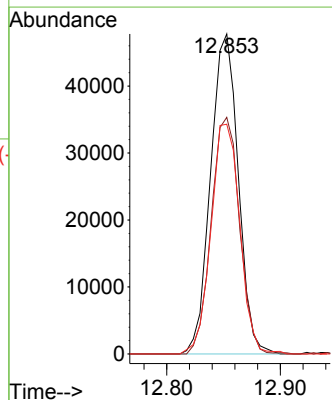
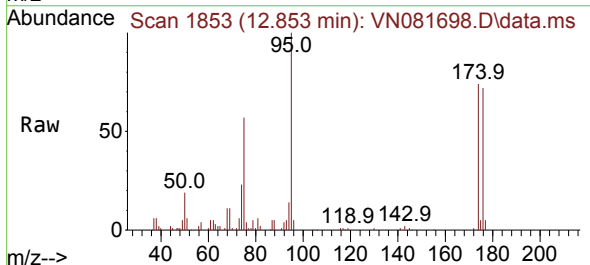
Instrument :
MSVOA_N
ClientSampleId :
240410059-03-TRIP-BLANK

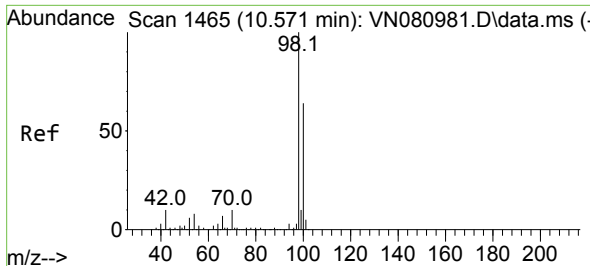
Tgt Ion:117 Resp: 171522
Ion Ratio Lower Upper
117 100
82 53.6 46.6 69.8
119 32.8 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 23.974 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

Tgt Ion: 95 Resp: 80844
Ion Ratio Lower Upper
95 100
174 75.6 60.5 90.7
176 74.7 57.8 86.6

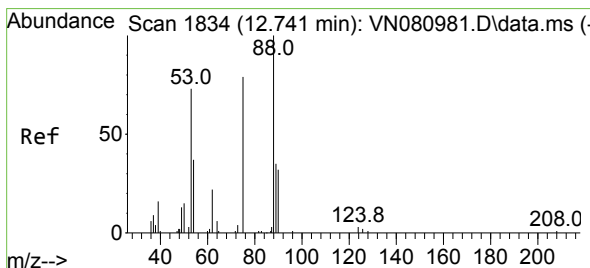
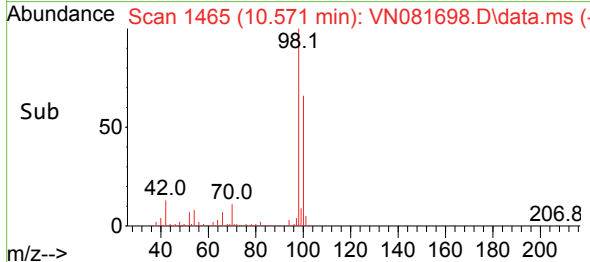
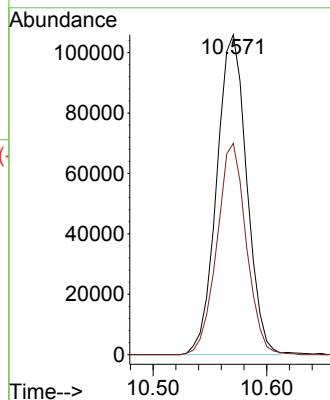
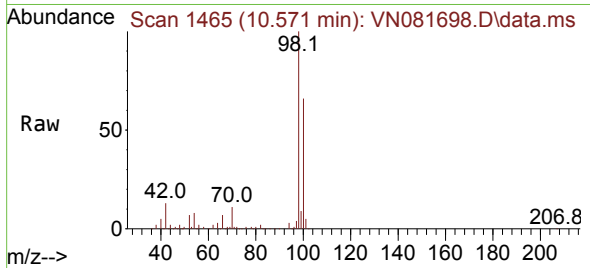




#63
Toluene-d8
Concen: 28.251 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

Instrument : MSVOA_N
ClientSampleId : 240410059-03-TRIP-BLANK

Tgt Ion: 98 Resp: 194373
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#77
t-1,4-Dichloro-2-butene
Concen: 35.568 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

Tgt Ion: 75 Resp: 45850
Ion Ratio Lower Upper
75 100
53 0.9 45.9 137.7#
89 0.0 25.9 77.7#

