

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081980.D
 Acq On : 02 May 2024 16:30
 Operator : JC\MD
 Sample : P2361-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 03 00:12:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

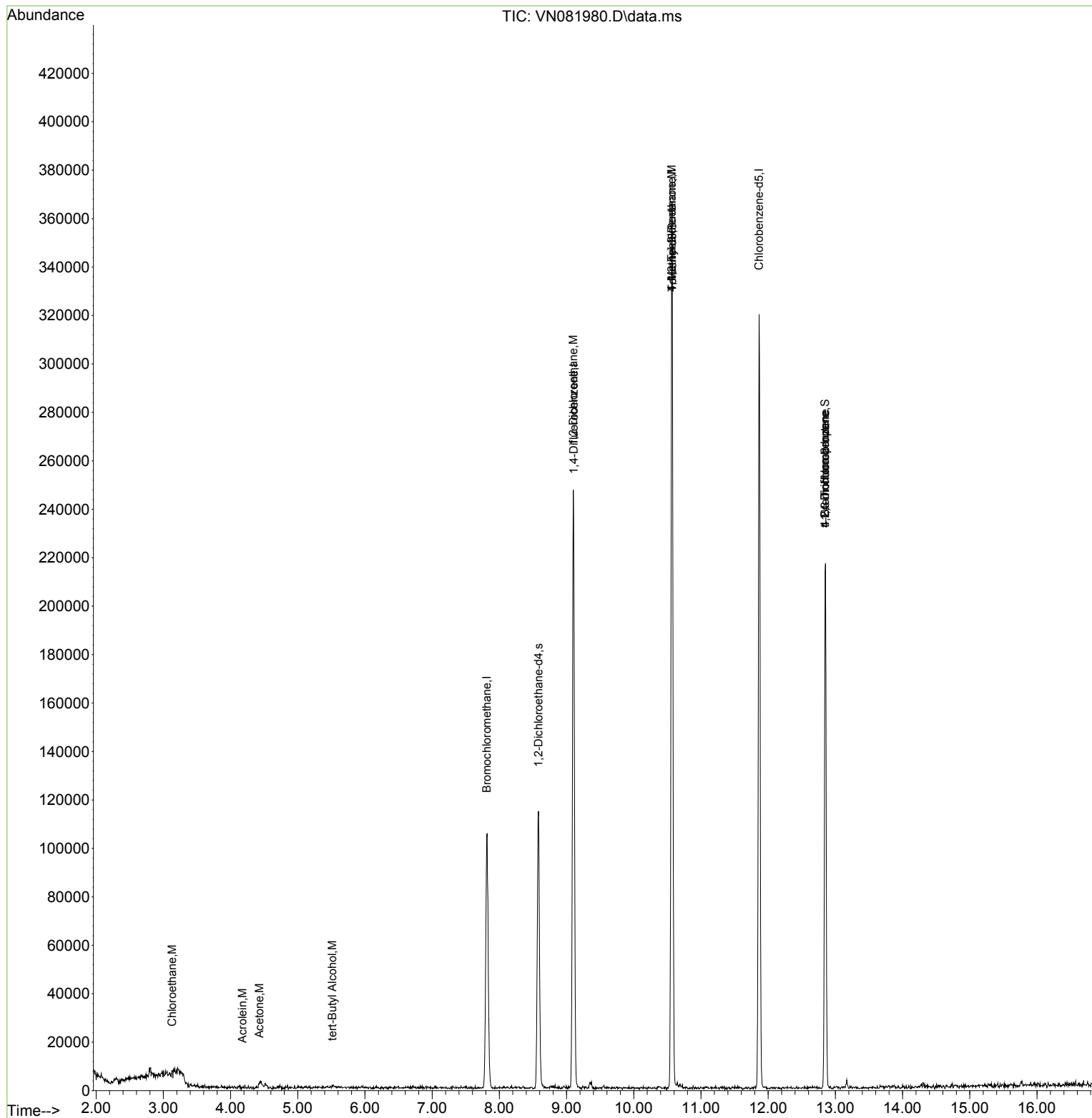
Internal Standards						
1) Bromochloromethane	7.812	128	34022	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	202967	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	171985	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	88907	31.212	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.033%
60) 4-Bromofluorobenzene	12.847	95	79028	27.611	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.033%
63) Toluene-d8	10.571	98	251928	30.845	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.800%
Target Compounds						
					Qvalue	
6) Chloroethane	3.130	64	317	0.265	ug/l #	41
13) Acrolein	4.177	56	225	0.407	ug/l #	58
15) Acetone	4.430	58	895	3.366	ug/l #	17
23) tert-Butyl Alcohol	5.512	59	333	0.681	ug/l #	100
36) 1,2-Dichloroethane	9.100	62	7677	2.372	ug/l #	72
50) 1,1,2-Trichloroethane	10.565	97	6818	3.163	ug/l #	1
58) 4-Methyl-2-Pentanone	10.565	43	1484	0.444	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	42819	16.106	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	42819	36.185	ug/l #	12

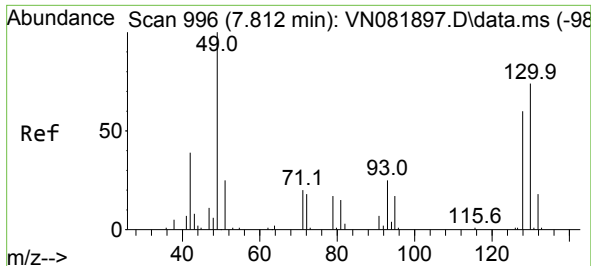
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
Data File : VN081980.D
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Instrument :
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ClientSampleId :

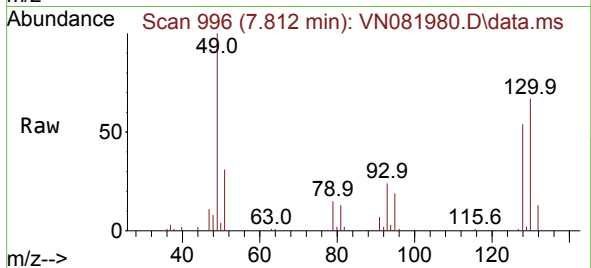
Quant Time: May 03 00:12:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration



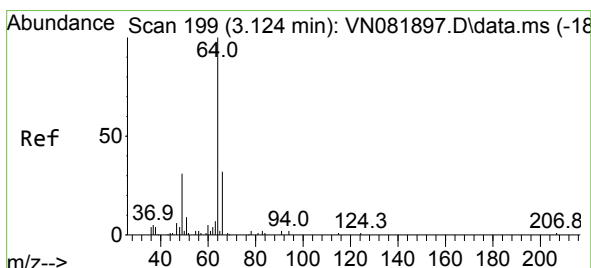
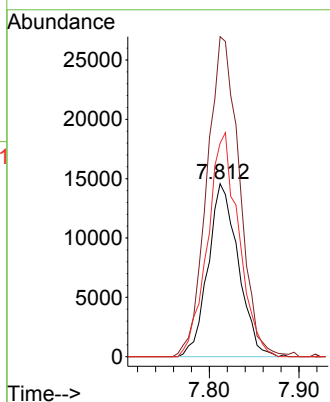
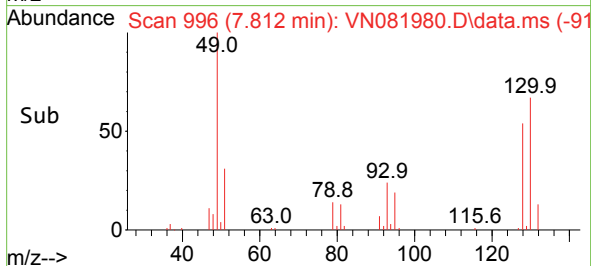


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081980.D
Acq: 02 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :

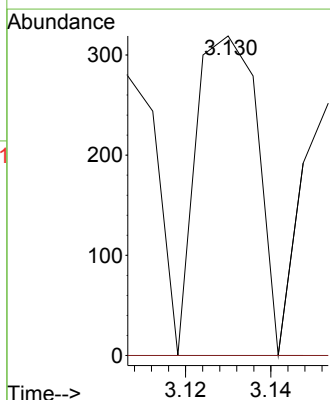
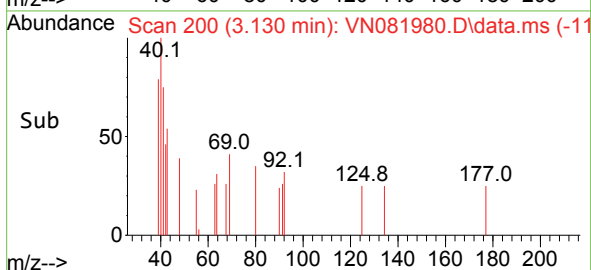
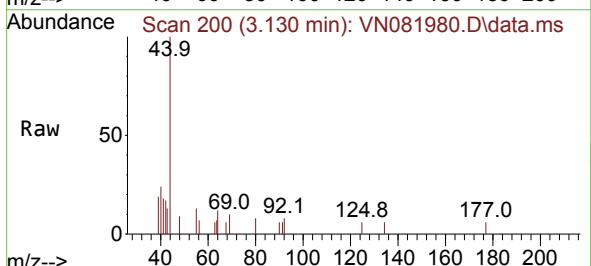


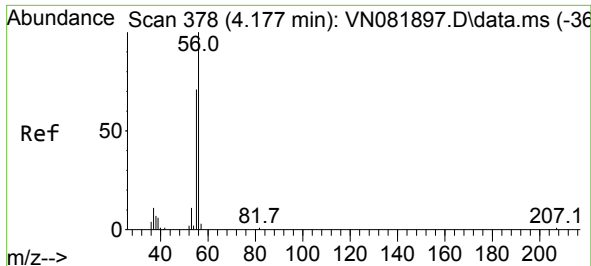
Tgt Ion:128 Resp: 34022
Ion Ratio Lower Upper
128 100
49 199.5 0.0 403.7
130 134.1 0.0 323.3



#6
Chloroethane
Concen: 0.265 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081980.D
Acq: 02 May 2024 16:30

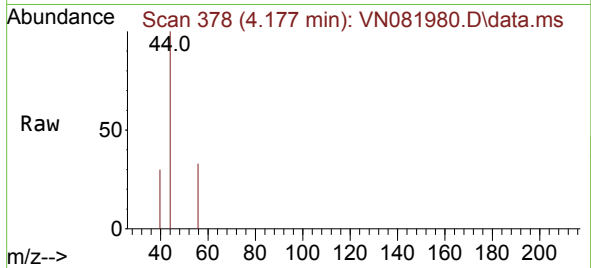
Tgt Ion: 64 Resp: 317
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



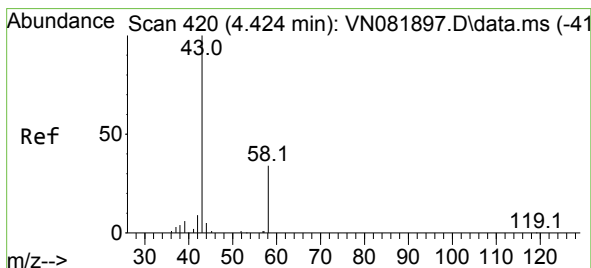
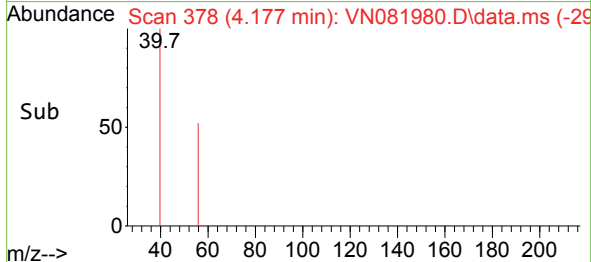
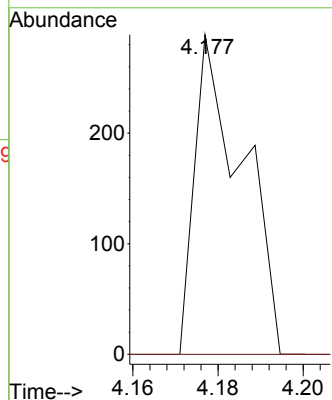


#13
Acrolein
Concen: 0.407 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081980.D
Acq: 02 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :

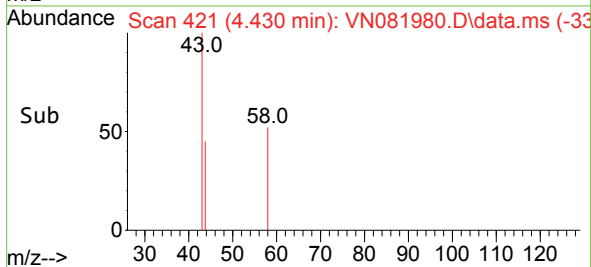
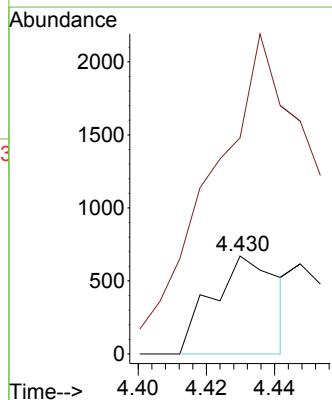
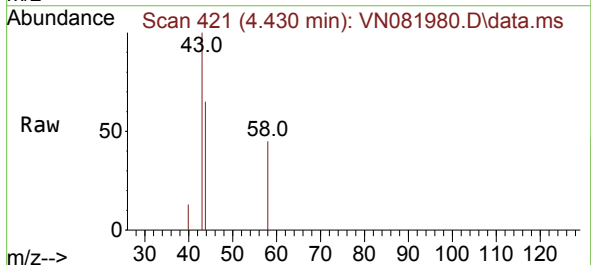


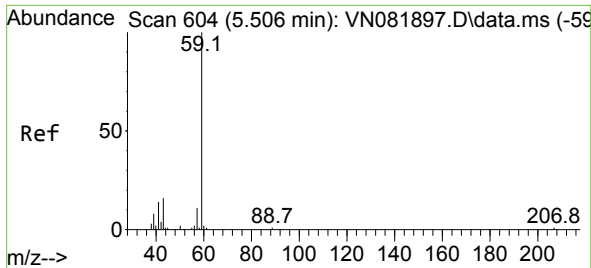
Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 35.1 55.5 83.3#



#15
Acetone
Concen: 3.366 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081980.D
Acq: 02 May 2024 16:30

Tgt Ion: 58 Resp: 895
Ion Ratio Lower Upper
58 100
43 123.3 223.1 334.7#

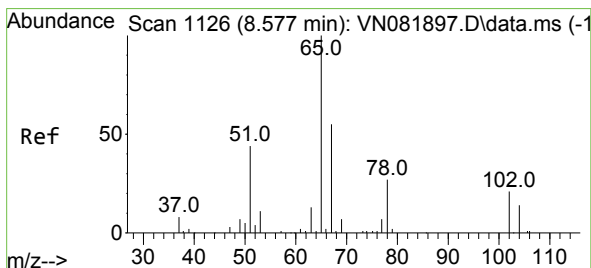
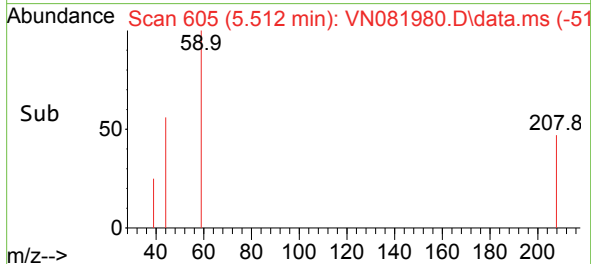
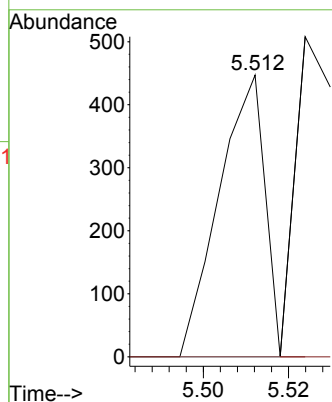
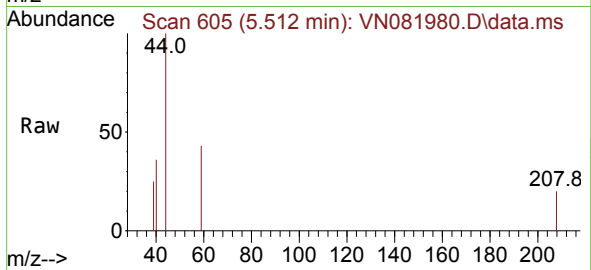




#23
tert-Butyl Alcohol
Concen: 0.681 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN081980.D
Acq: 02 May 2024 16:30

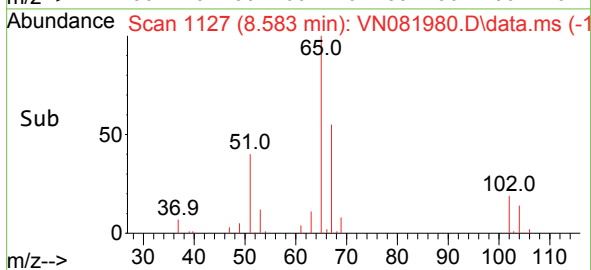
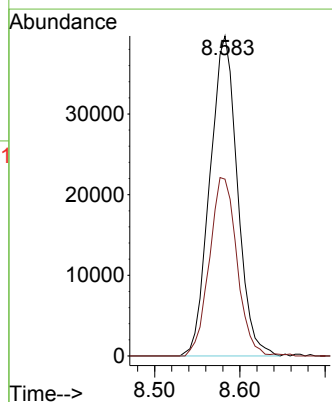
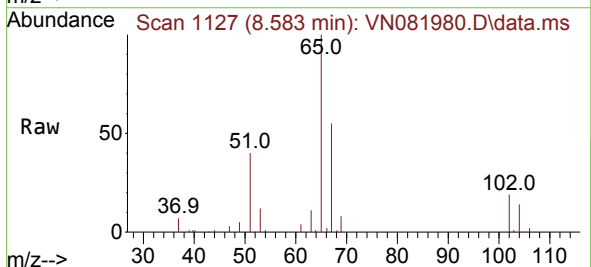
Instrument :
MSVOA_N
ClientSampleId :

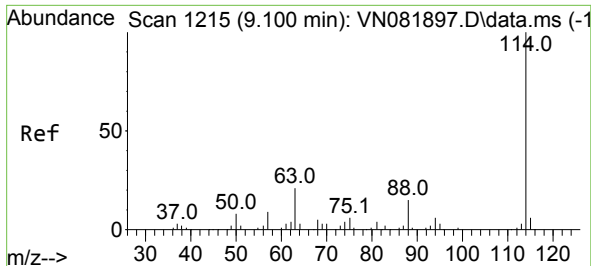
Tgt Ion: 59 Resp: 333
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 31.212 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081980.D
Acq: 02 May 2024 16:30

Tgt Ion: 65 Resp: 88907
Ion Ratio Lower Upper
65 100
67 55.8 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN081980.D

Acq: 02 May 2024 16:30

Instrument :

MSVOA_N

ClientSampleId :

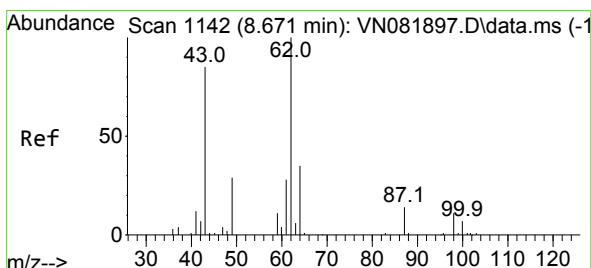
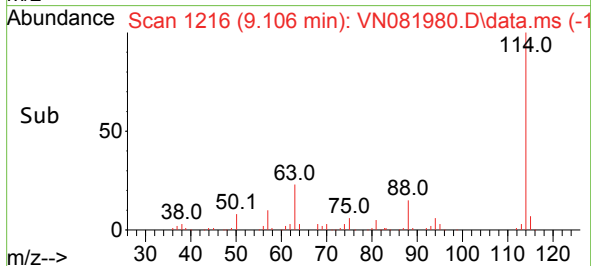
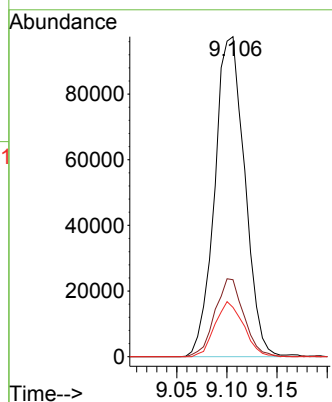
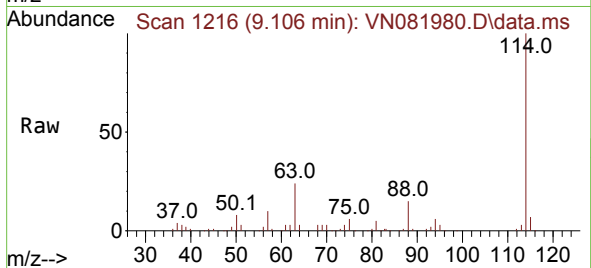
Tgt Ion:114 Resp: 202967

Ion Ratio Lower Upper

114 100

63 23.4 15.9 23.9

88 16.4 12.7 19.1



#36

1,2-Dichloroethane

Concen: 2.372 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.429 min

Lab File: VN081980.D

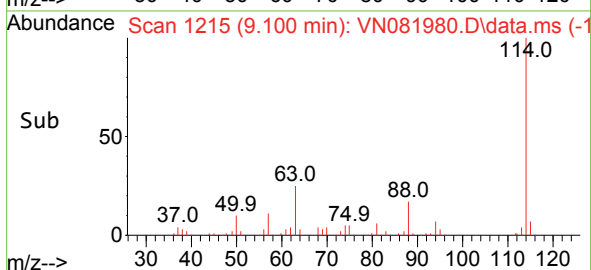
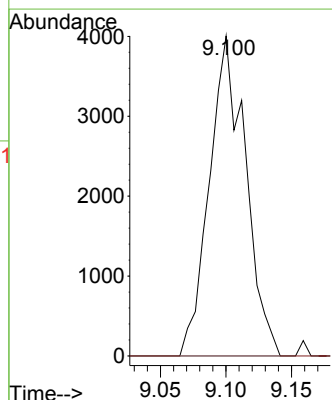
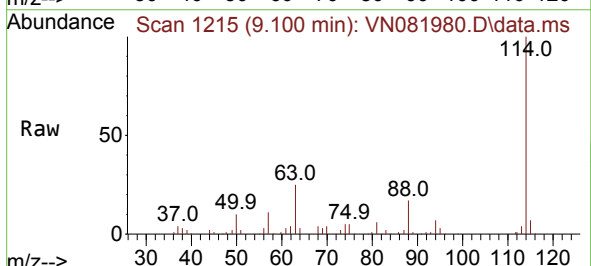
Acq: 02 May 2024 16:30

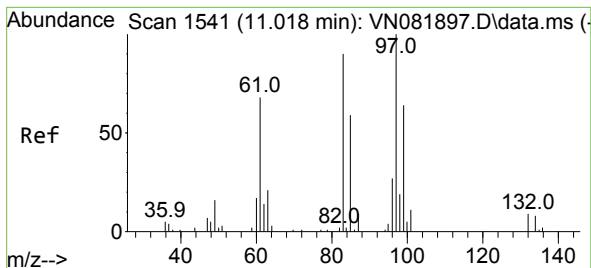
Tgt Ion: 62 Resp: 7677

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#50

1,1,2-Trichloroethane

Concen: 3.163 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.453 min

Lab File: VN081980.D

Acq: 02 May 2024 16:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 6818

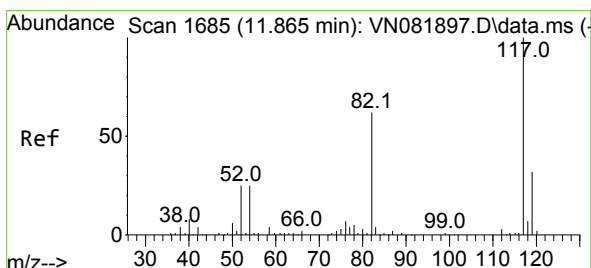
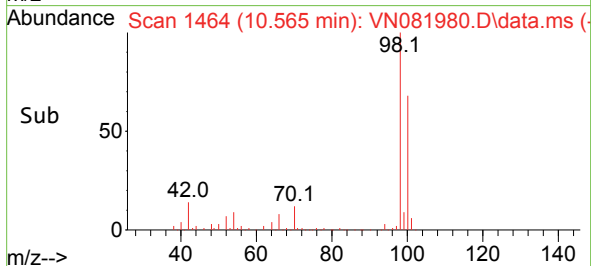
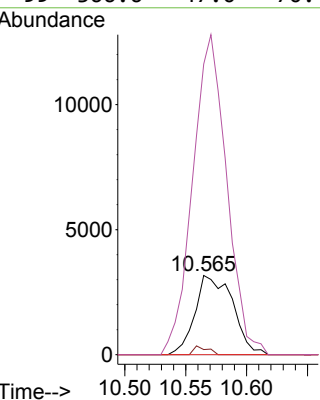
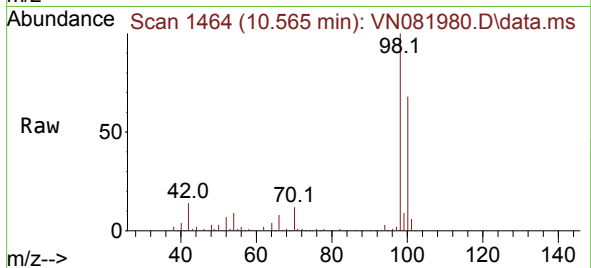
Ion Ratio Lower Upper

97 100

83 6.5 68.1 102.1#

85 0.0 41.8 62.6#

99 366.6 47.0 70.4#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN081980.D

Acq: 02 May 2024 16:30

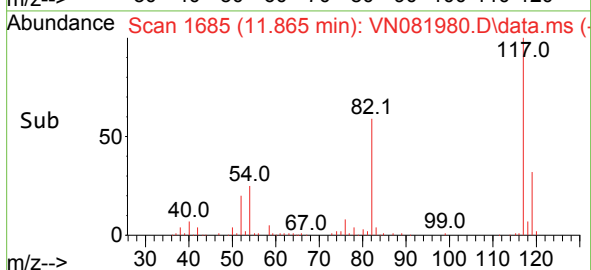
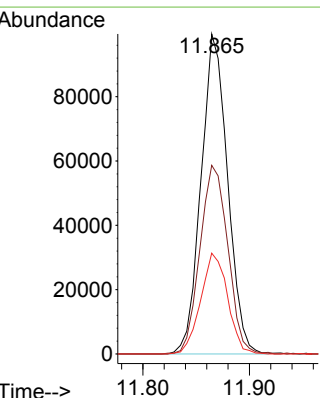
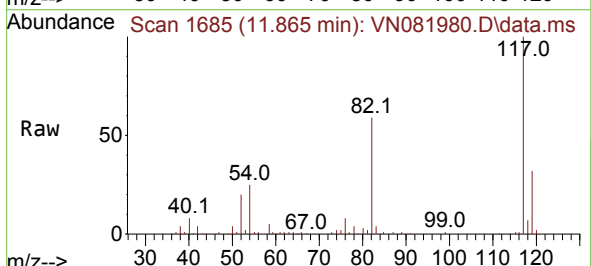
Tgt Ion: 117 Resp: 171985

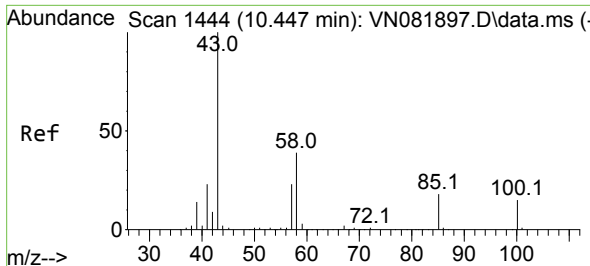
Ion Ratio Lower Upper

117 100

82 61.9 46.6 69.8

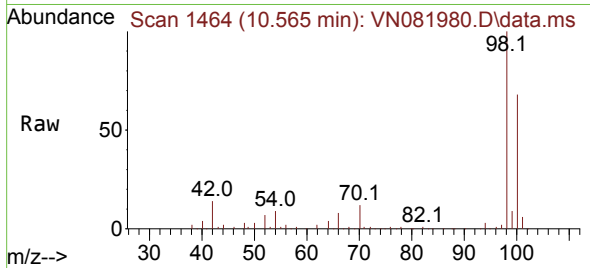
119 32.0 25.4 38.2



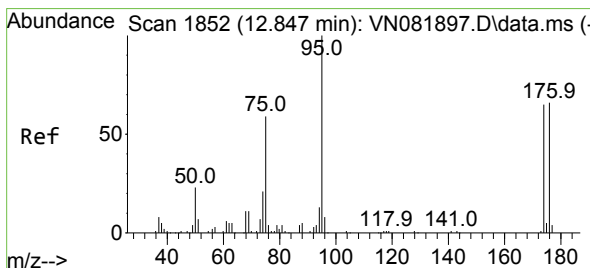
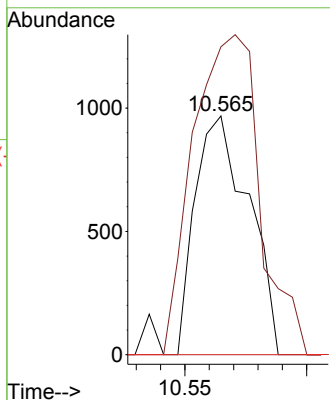
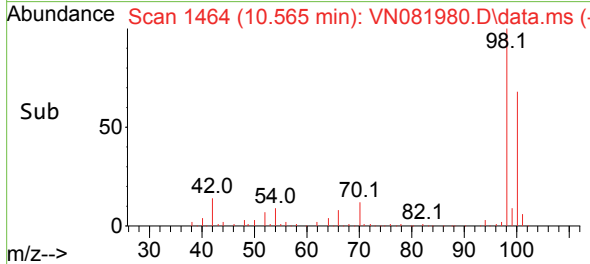


#58
4-Methyl-2-Pentanone
Concen: 0.444 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN081980.D
Acq: 02 May 2024 16:30

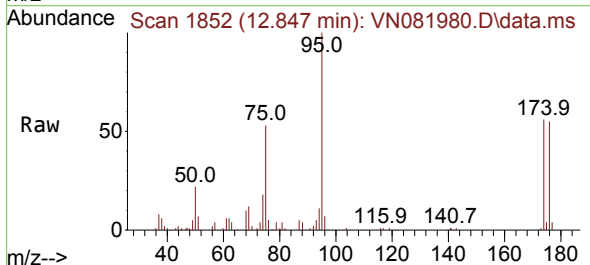
Instrument :
MSVOA_N
ClientSampleId :



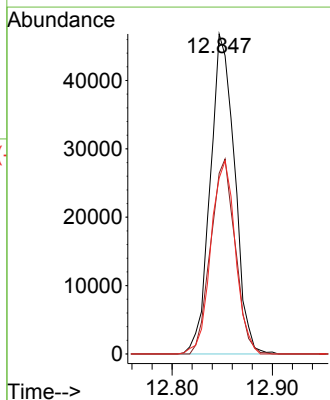
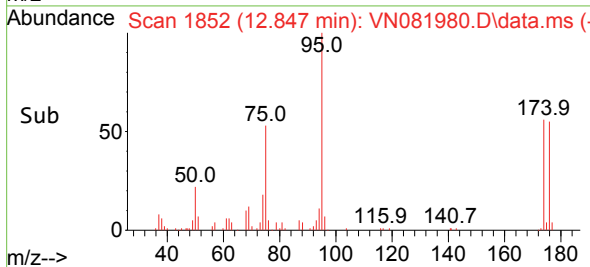
Tgt Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
58 161.3 36.5 54.7#
85 0.0 19.5 29.3#

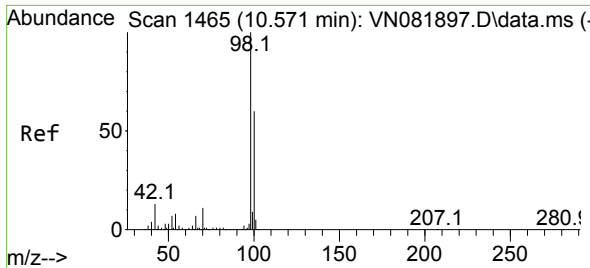


#60
4-Bromofluorobenzene
Concen: 27.611 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081980.D
Acq: 02 May 2024 16:30



Tgt Ion: 95 Resp: 79028
Ion Ratio Lower Upper
95 100
174 61.2 60.5 90.7
176 60.6 57.8 86.6

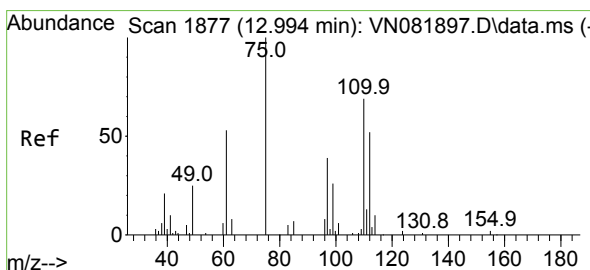
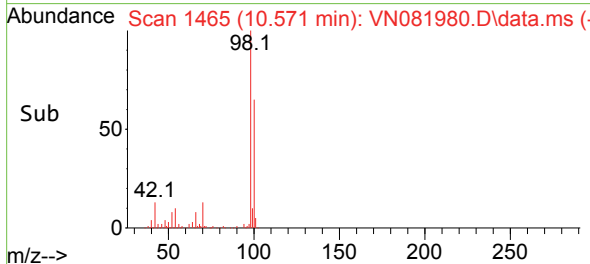
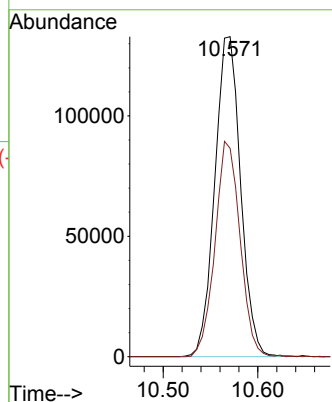
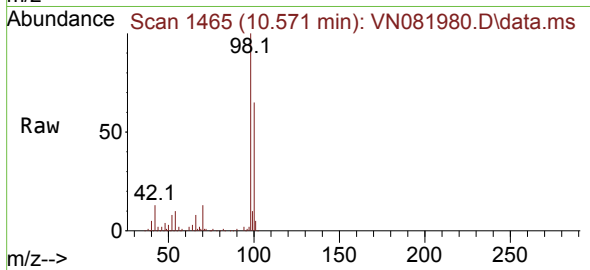




#63
Toluene-d8
Concen: 30.845 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081980.D
Acq: 02 May 2024 16:30

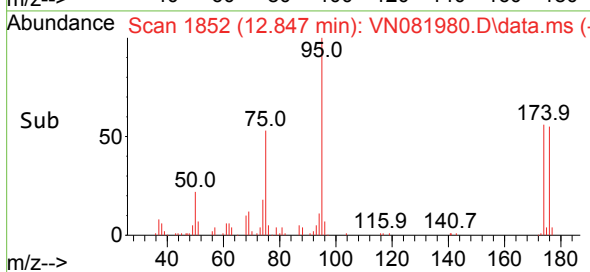
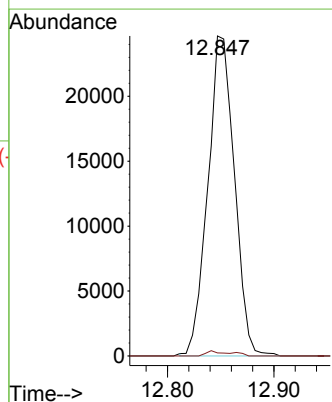
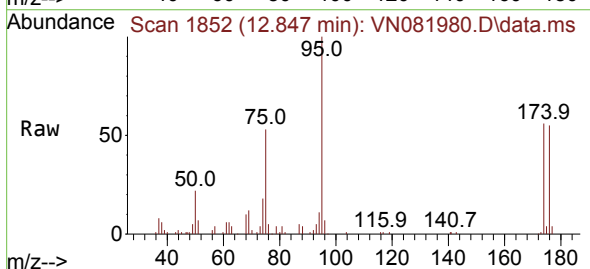
Instrument :
MSVOA_N
ClientSampleId :

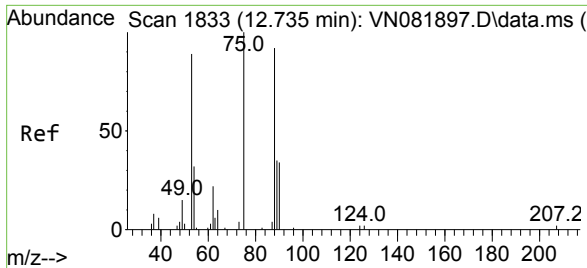
Tgt Ion: 98 Resp: 251928
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 16.106 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081980.D
Acq: 02 May 2024 16:30

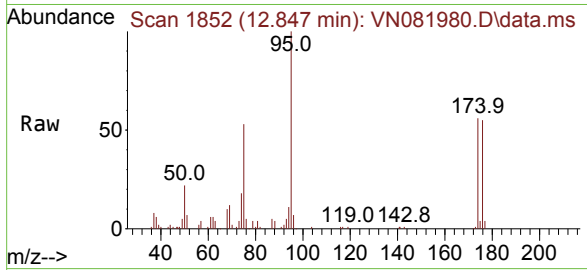
Tgt Ion: 75 Resp: 42819
Ion Ratio Lower Upper
75 100
77 1.0 0.0 367.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 36.185 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081980.D
 Acq: 02 May 2024 16:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 42819
 Ion Ratio Lower Upper
 75 100
 53 0.0 45.9 137.7#
 89 0.0 25.9 77.7#

