

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080903.D
 Acq On : 05 Feb 2024 17:50
 Operator : JC\MD
 Sample : P1371-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T120-AOP

Quant Time: Feb 06 04:46:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

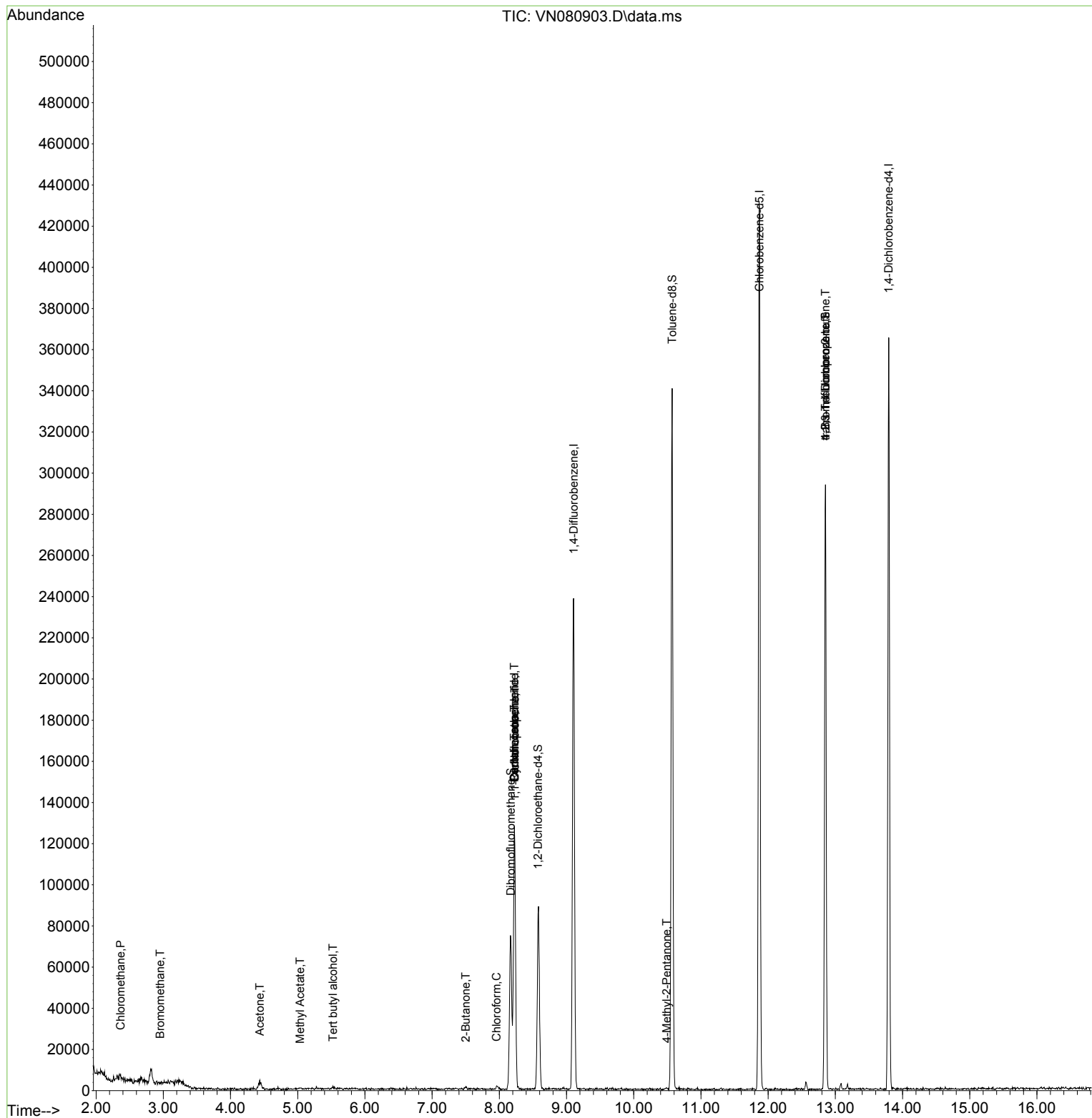
Internal Standards						
1) Pentafluorobenzene	8.224	168	77458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	192637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	205365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	65823	49.121	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.240%		
35) Dibromofluoromethane	8.171	113	51444	43.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.300%		
50) Toluene-d8	10.571	98	203987	44.222	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.440%		
62) 4-Bromofluorobenzene	12.853	95	96744	60.185	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	120.380%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	2574	1.488	ug/l #	85
5) Bromomethane	2.954	94	140	0.266	ug/l #	6
11) Tert butyl alcohol	5.524	59	835	3.823	ug/l #	89
16) Acetone	4.436	43	7590	15.618	ug/l #	82
18) Methyl Acetate	5.036	43	1101	0.650	ug/l #	86
25) 2-Butanone	7.500	43	1346	1.458	ug/l #	68
30) Chloroform	7.959	83	1337	0.598	ug/l #	77
31) Cyclohexane	8.224	56	3449	1.501	ug/l #	13
36) 1,1-Dichloropropene	8.230	75	8939	4.081	ug/l #	46
38) Carbon Tetrachloride	8.224	117	9879	5.597	ug/l #	18
51) 4-Methyl-2-Pentanone	10.488	43	1198	0.522	ug/l #	38
76) 1,2,3-Trichloropropane	12.853	75	60333	24.968	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	60333	64.321	ug/l #	14

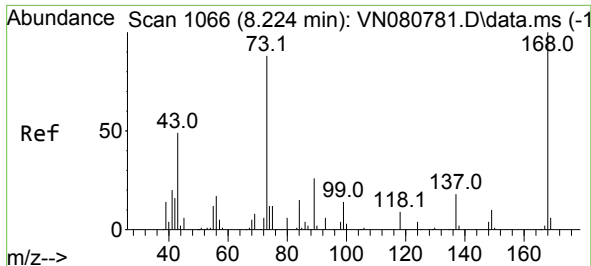
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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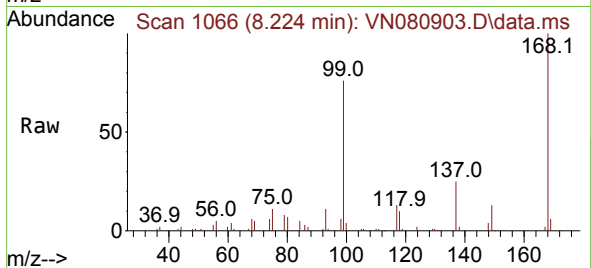
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
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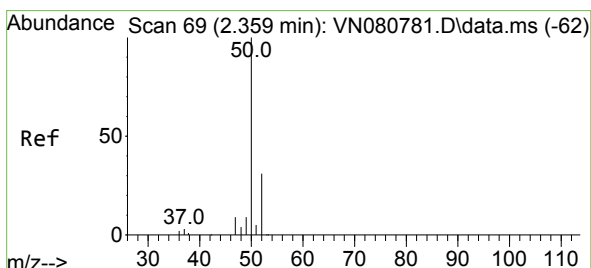
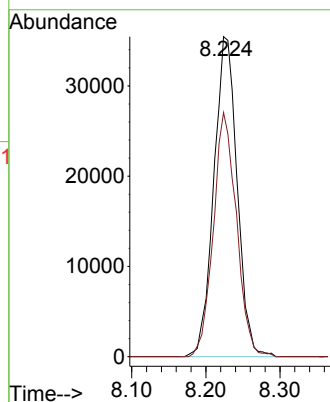
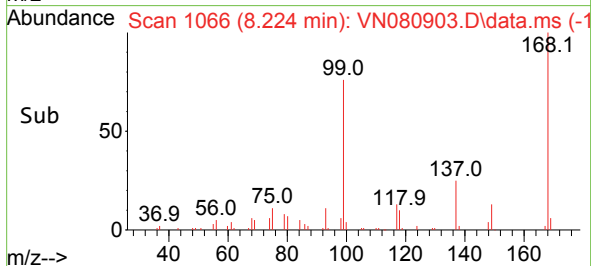


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

Instrument :
MSVOA_N
ClientSampleId :
T120-AOP

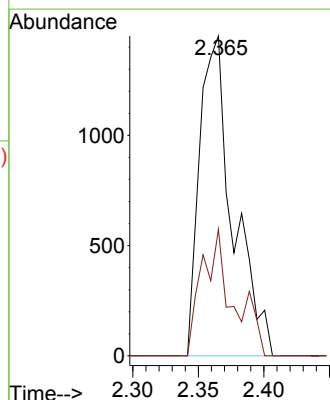
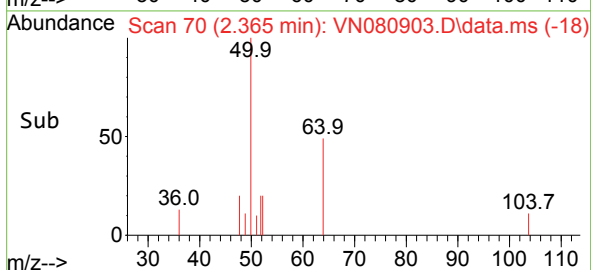
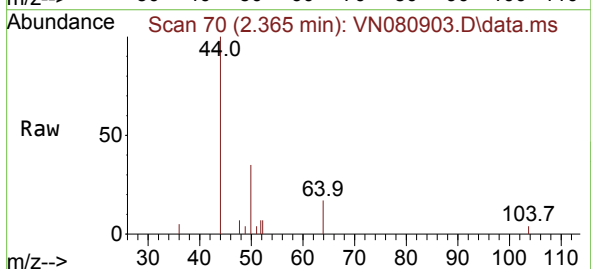


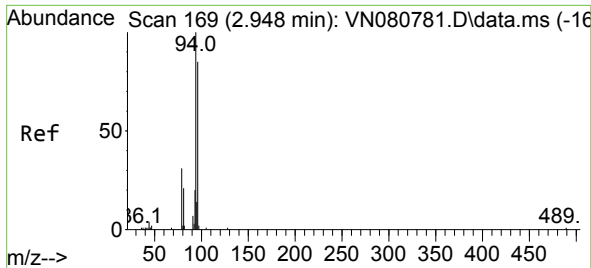
Tgt Ion:168 Resp: 77458
Ion Ratio Lower Upper
168 100
99 76.3 59.9 89.9



#3
Chloromethane
Concen: 1.488 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

Tgt Ion: 50 Resp: 2574
Ion Ratio Lower Upper
50 100
52 39.6 25.0 37.4#

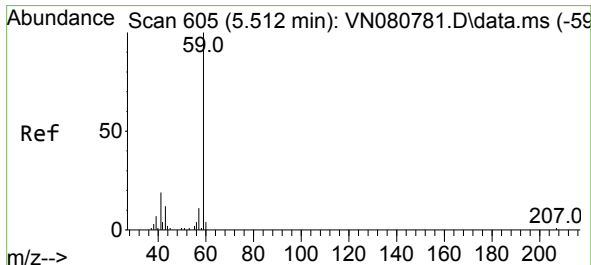
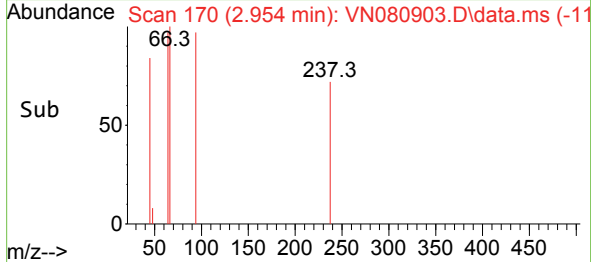
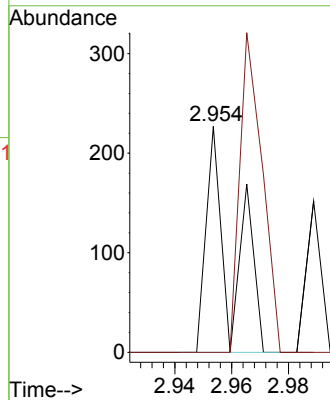
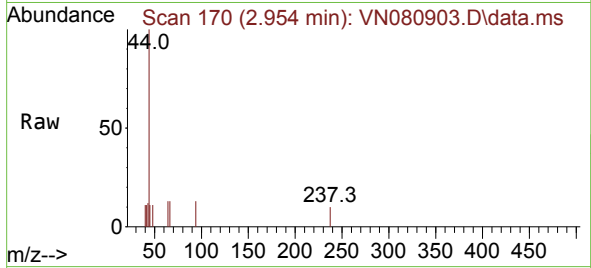




#5
Bromomethane
Concen: 0.266 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

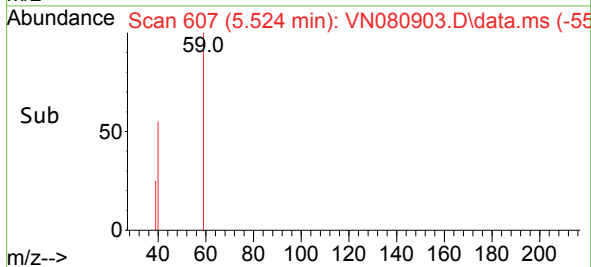
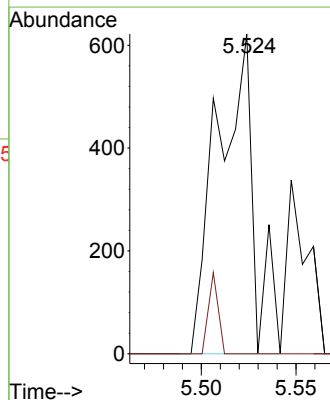
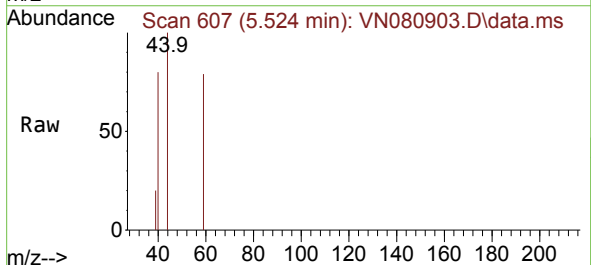
Instrument :
MSVOA_N
ClientSampleId :
T120-AOP

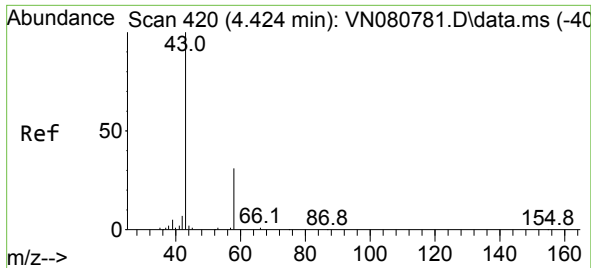
Tgt Ion: 94 Resp: 140
Ion Ratio Lower Upper
94 100
96 0.0 69.2 103.8#



#11
Tert butyl alcohol
Concen: 3.823 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

Tgt Ion: 59 Resp: 835
Ion Ratio Lower Upper
59 100
57 6.7 8.6 12.8#

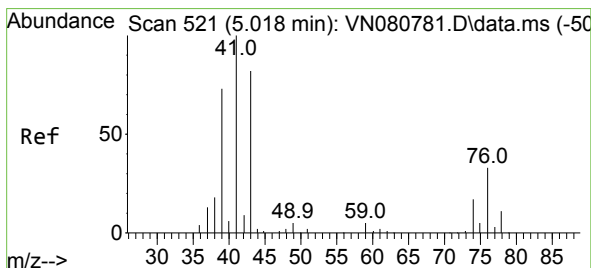
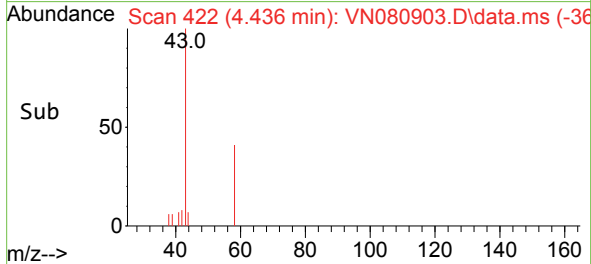
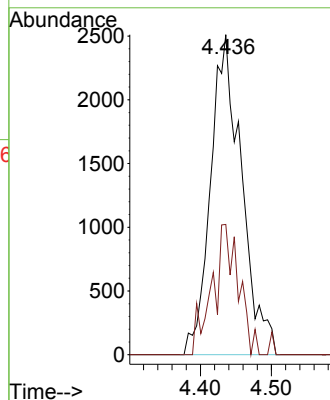
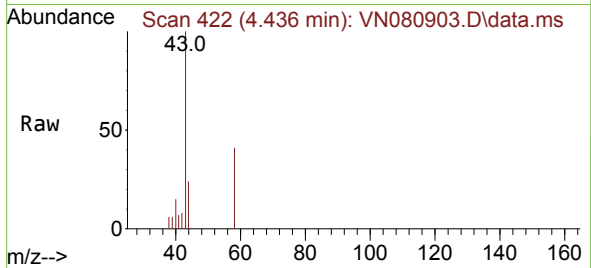




#16
Acetone
Concen: 15.618 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

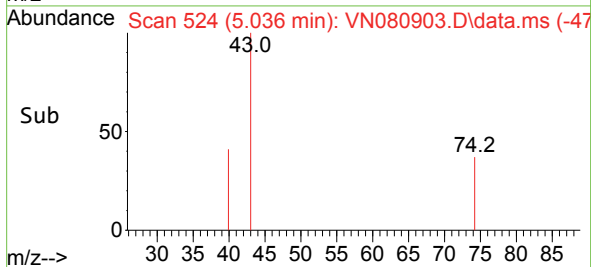
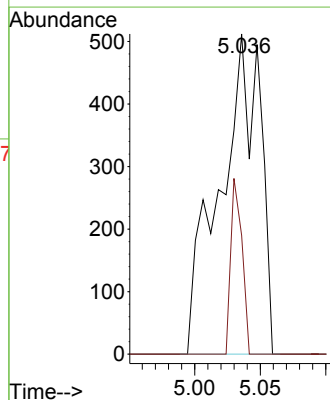
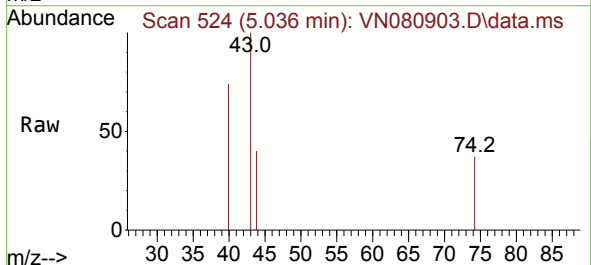
Instrument :
MSVOA_N
ClientSampleId :
T120-AOP

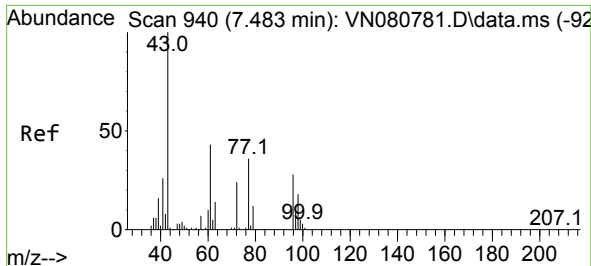
Tgt Ion: 43 Resp: 7590
Ion Ratio Lower Upper
43 100
58 40.7 24.8 37.2#



#18
Methyl Acetate
Concen: 0.650 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
74 15.1 17.3 25.9#

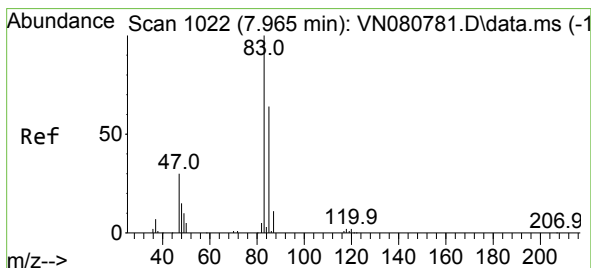
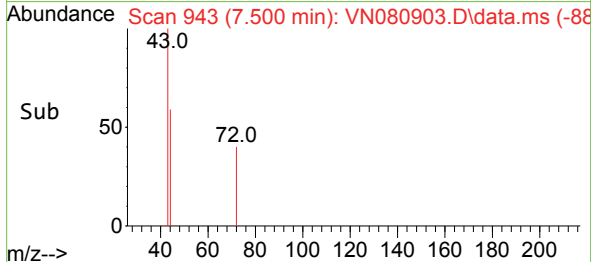
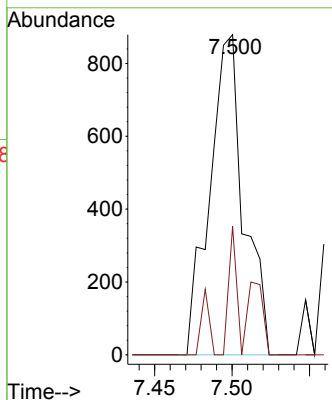
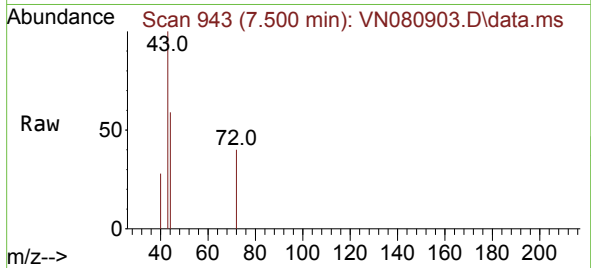




#25
2-Butanone
Concen: 1.458 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

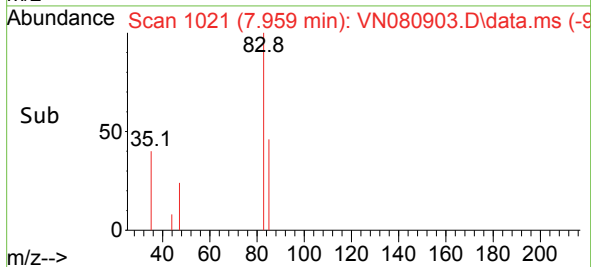
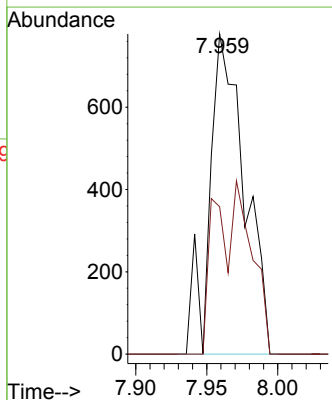
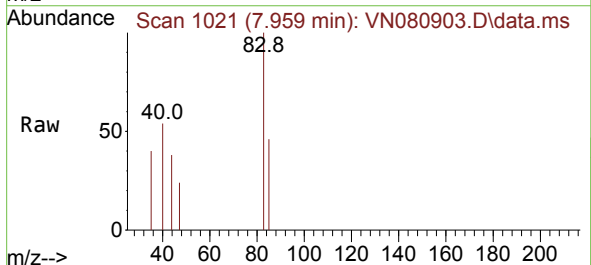
Instrument :
MSVOA_N
ClientSampleId :
T120-AOP

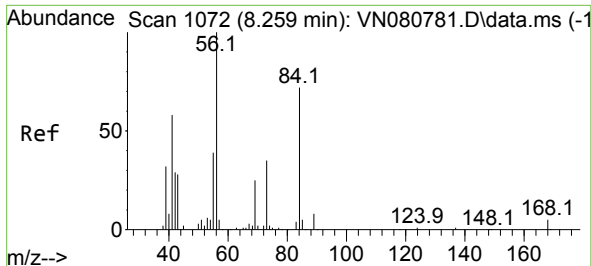
Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
72 40.2 19.5 29.3#



#30
Chloroform
Concen: 0.598 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

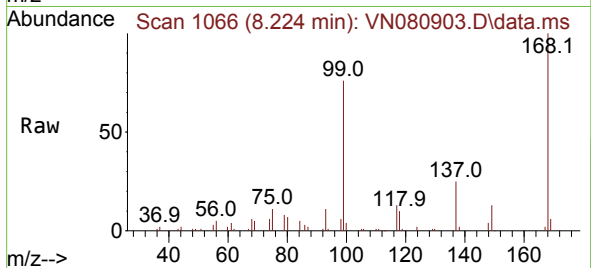
Tgt Ion: 83 Resp: 1337
Ion Ratio Lower Upper
83 100
85 46.0 51.0 76.6#



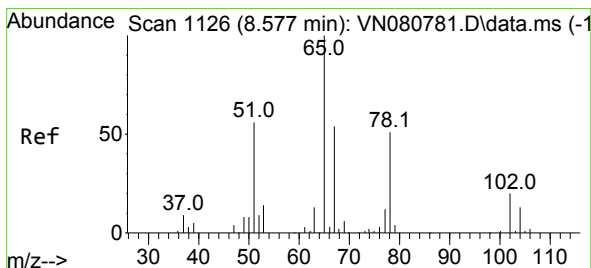
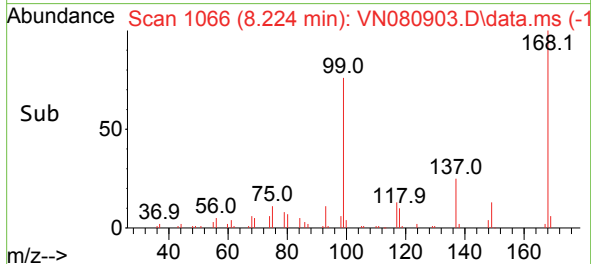
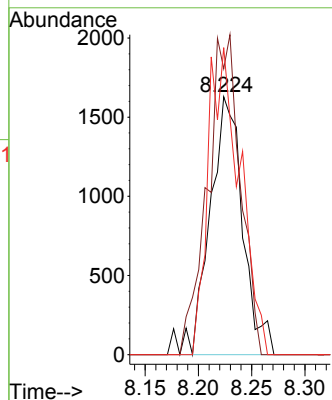


#31
Cyclohexane
Concen: 1.501 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

Instrument :
MSVOA_N
ClientSampleId :
T120-AOP

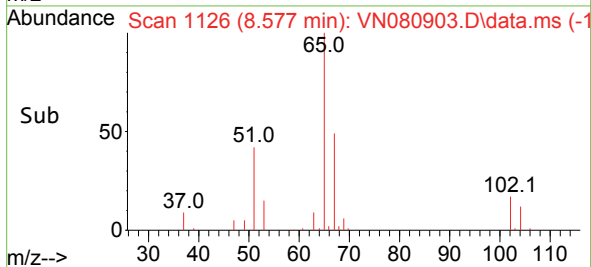
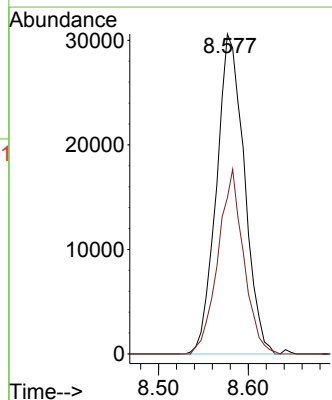
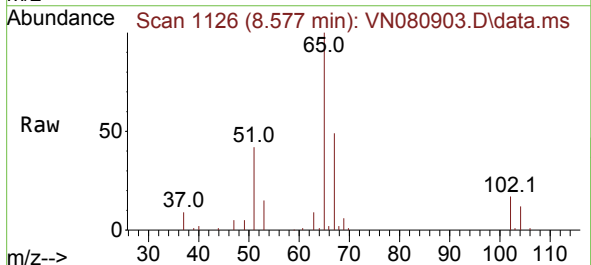


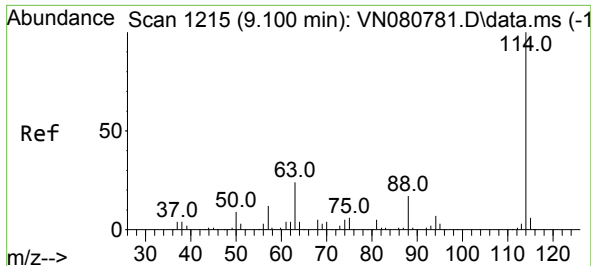
Tgt Ion: 56 Resp: 3449
Ion Ratio Lower Upper
56 100
69 110.9 20.1 30.1#
84 119.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 49.121 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

Tgt Ion: 65 Resp: 65823
Ion Ratio Lower Upper
65 100
67 53.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080903.D

Acq: 05 Feb 2024 17:50

Instrument :

MSVOA_N

ClientSampleId :

T120-AOP

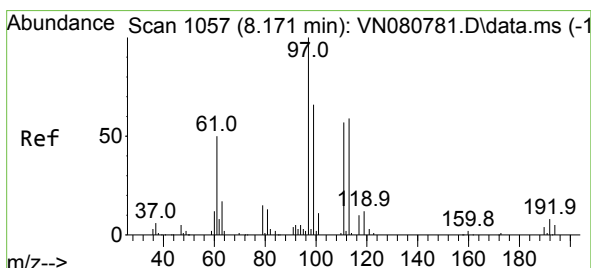
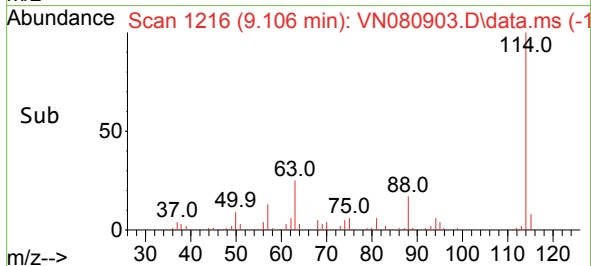
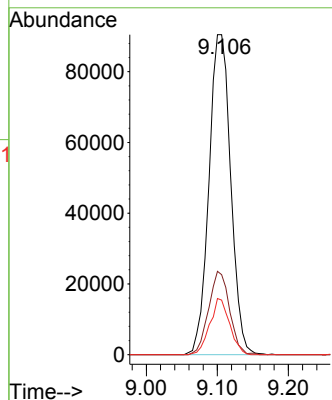
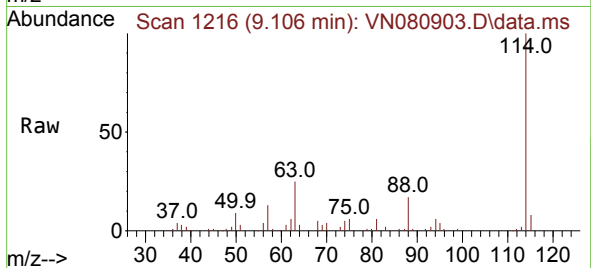
Tgt Ion:114 Resp: 192637

Ion Ratio Lower Upper

114 100

63 25.0 0.0 48.0

88 17.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 43.650 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080903.D

Acq: 05 Feb 2024 17:50

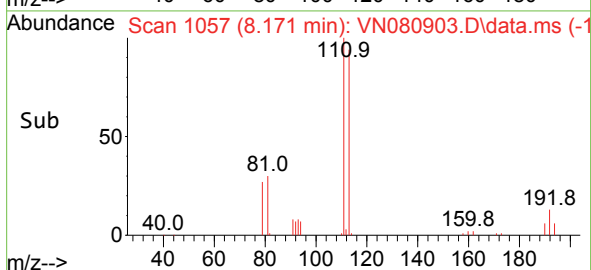
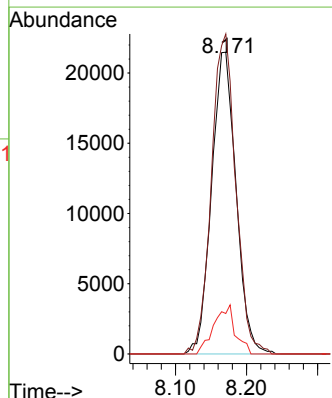
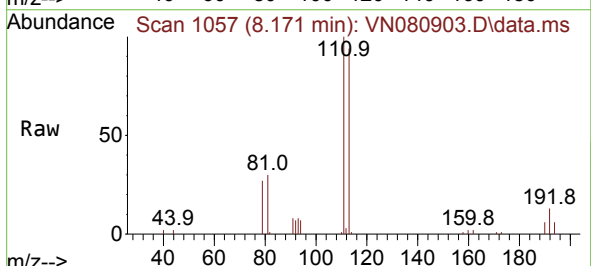
Tgt Ion:113 Resp: 51444

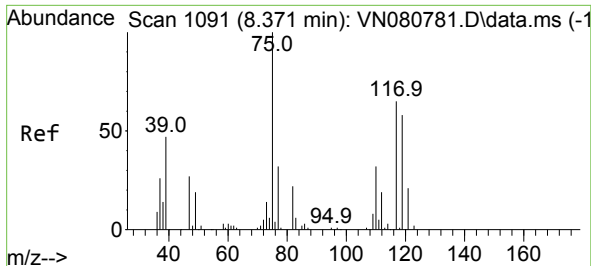
Ion Ratio Lower Upper

113 100

111 105.5 82.2 123.4

192 14.1 12.5 18.7

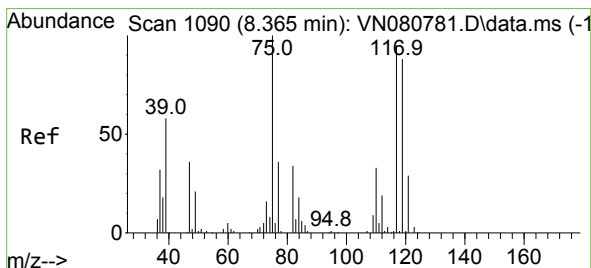
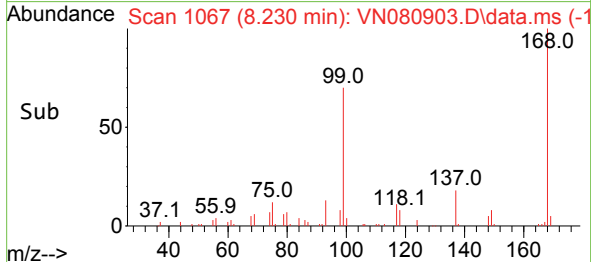
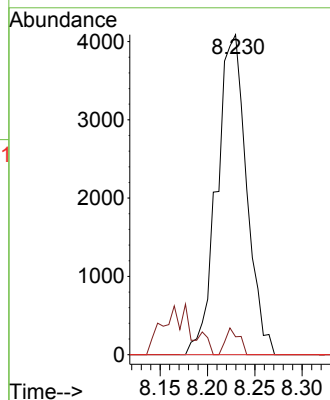
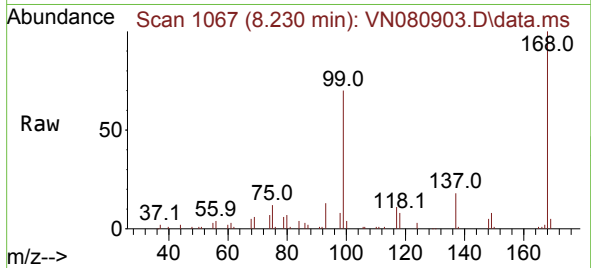




#36
1,1-Dichloropropene
Concen: 4.081 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

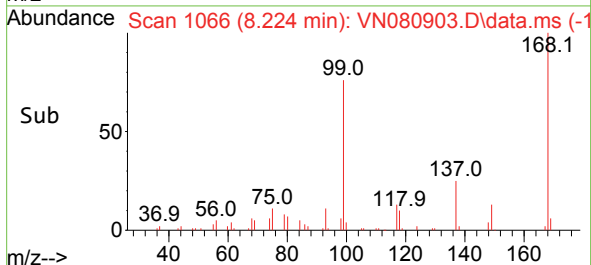
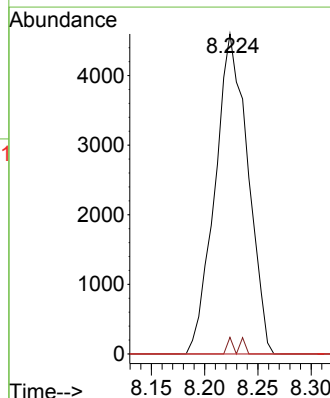
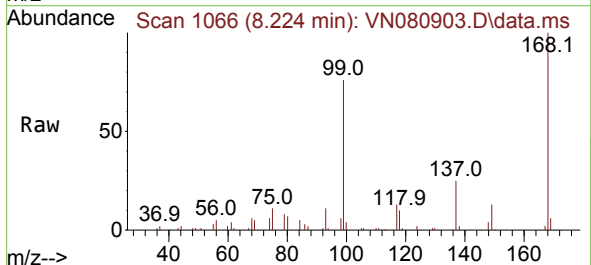
Instrument :
MSVOA_N
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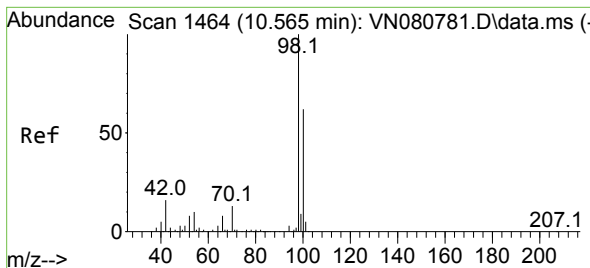
Tgt Ion: 75 Resp: 8939
Ion Ratio Lower Upper
75 100
110 3.8 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.597 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

Tgt Ion: 117 Resp: 9879
Ion Ratio Lower Upper
117 100
119 5.2 73.4 110.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 44.222 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080903.D

Acq: 05 Feb 2024 17:50

Instrument :

MSVOA_N

ClientSampleId :

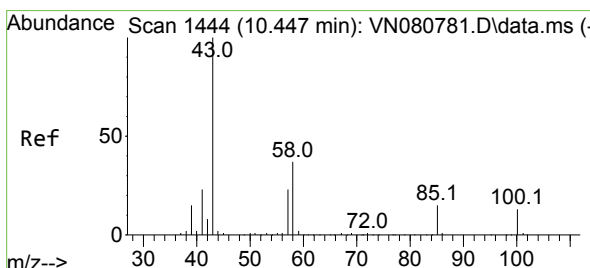
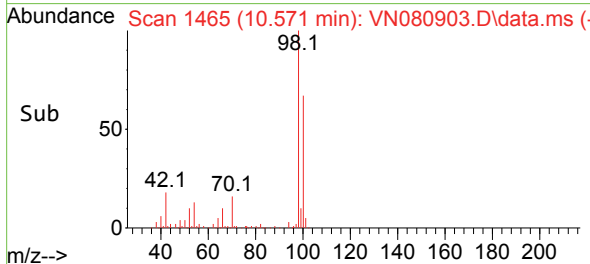
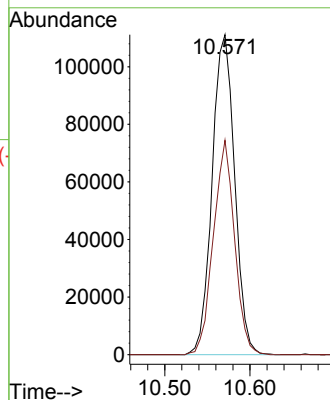
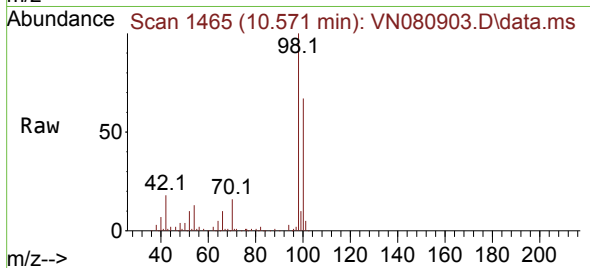
T120-AOP

Tgt Ion: 98 Resp: 203987

Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.522 ug/l

RT: 10.488 min Scan# 1451

Delta R.T. 0.041 min

Lab File: VN080903.D

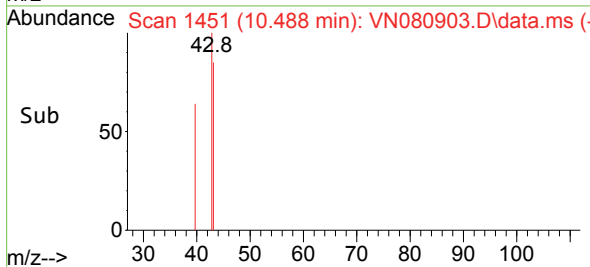
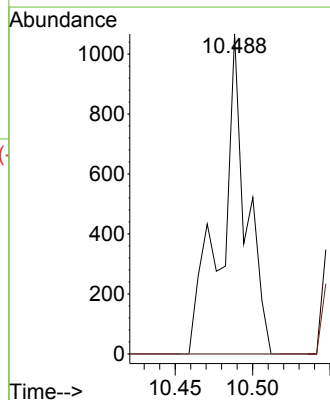
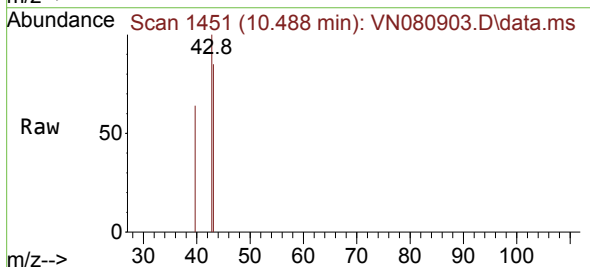
Acq: 05 Feb 2024 17:50

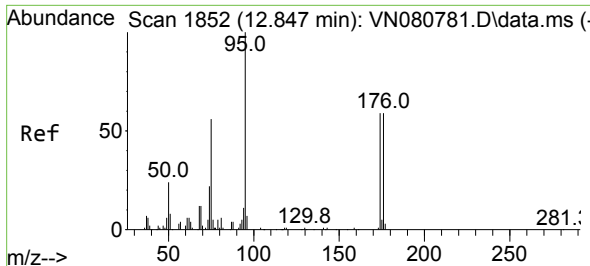
Tgt Ion: 43 Resp: 1198

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.0#

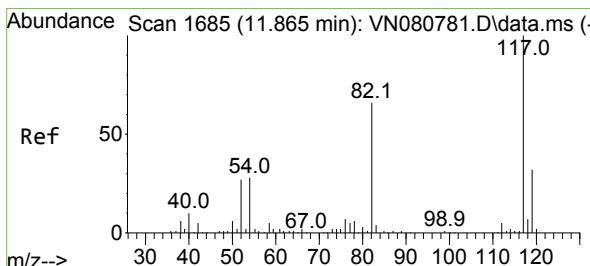
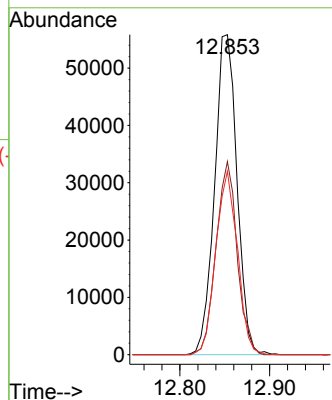
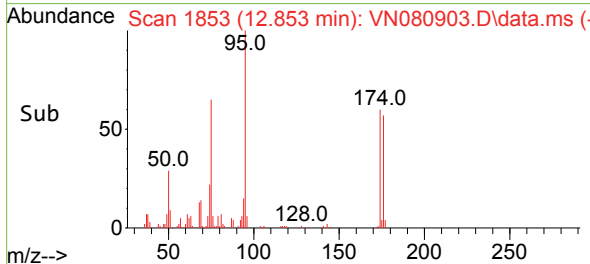
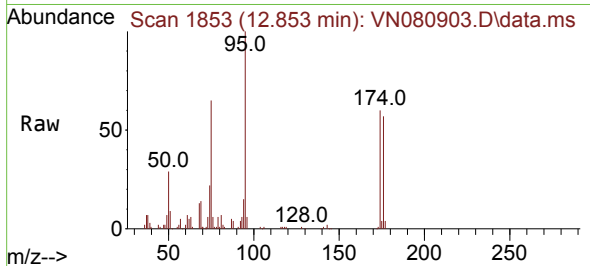




#62
4-Bromofluorobenzene
Concen: 60.185 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

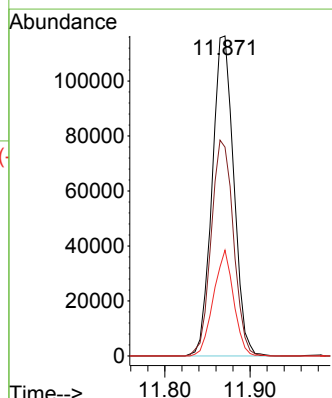
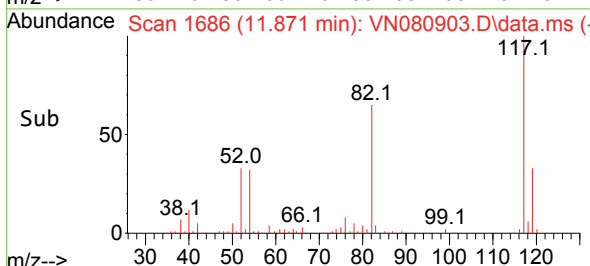
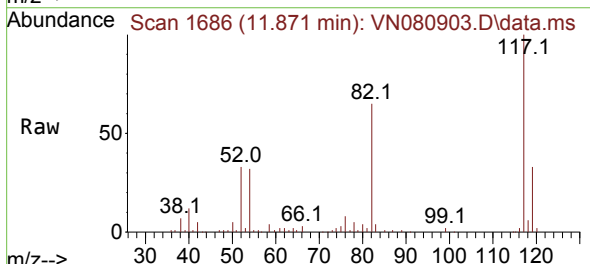
Instrument :
MSVOA_N
ClientSampleId :
T120-AOP

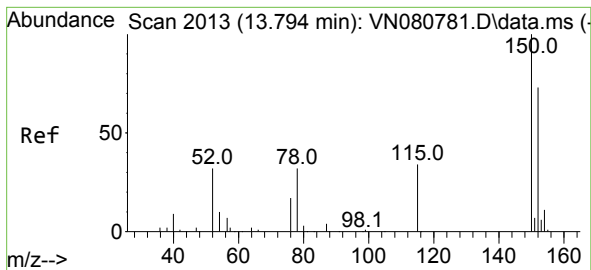
Tgt Ion: 95 Resp: 96744
Ion Ratio Lower Upper
95 100
174 57.3 0.0 120.4
176 55.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080903.D
Acq: 05 Feb 2024 17:50

Tgt Ion: 117 Resp: 205365
Ion Ratio Lower Upper
117 100
82 65.2 52.7 79.1
119 33.0 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: VN080903.D

Acq: 05 Feb 2024 17:50

Instrument :

MSVOA_N

ClientSampleId :

T120-AOP

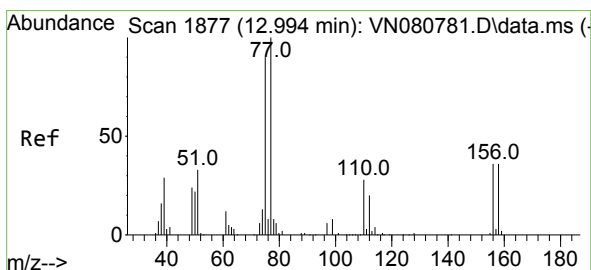
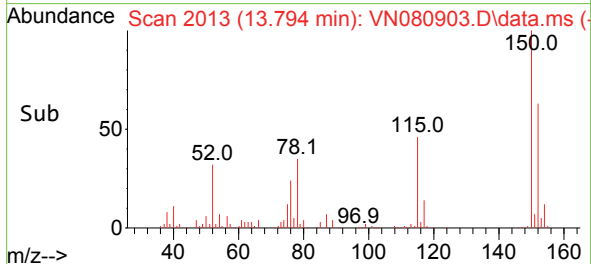
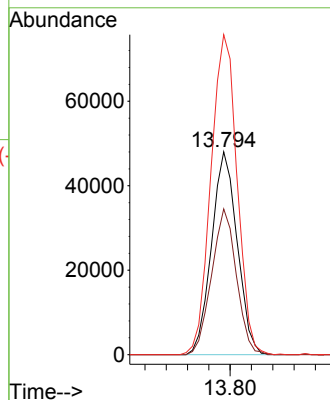
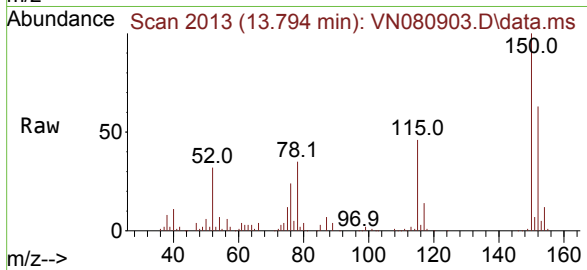
Tgt Ion:152 Resp: 80121

Ion Ratio Lower Upper

152 100

115 69.5 32.3 96.8

150 161.0 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 24.968 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080903.D

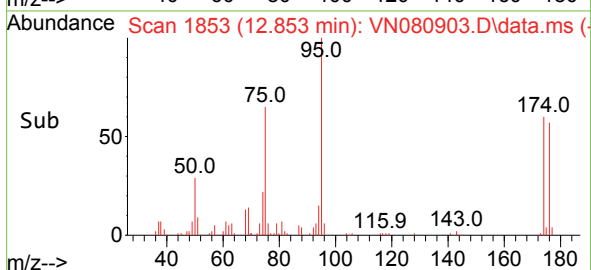
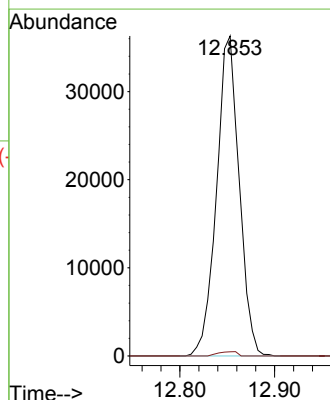
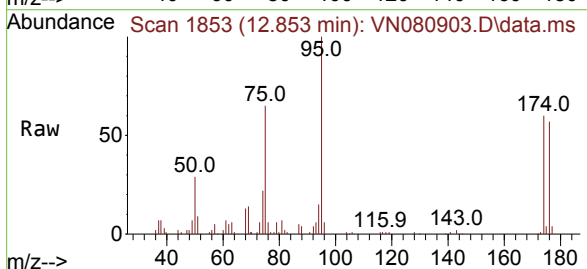
Acq: 05 Feb 2024 17:50

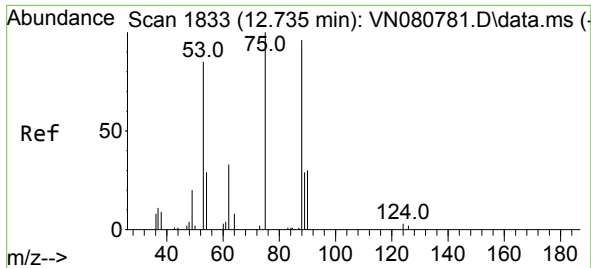
Tgt Ion: 75 Resp: 60333

Ion Ratio Lower Upper

75 100

77 1.1 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.321 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN080903.D
 Acq: 05 Feb 2024 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 T120-AOP

Tgt Ion: 75 Resp: 60333
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

