

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080904.D
 Acq On : 05 Feb 2024 18:14
 Operator : JC\MD
 Sample : P1371-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T317-AOP

Quant Time: Feb 06 04:46:37 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)

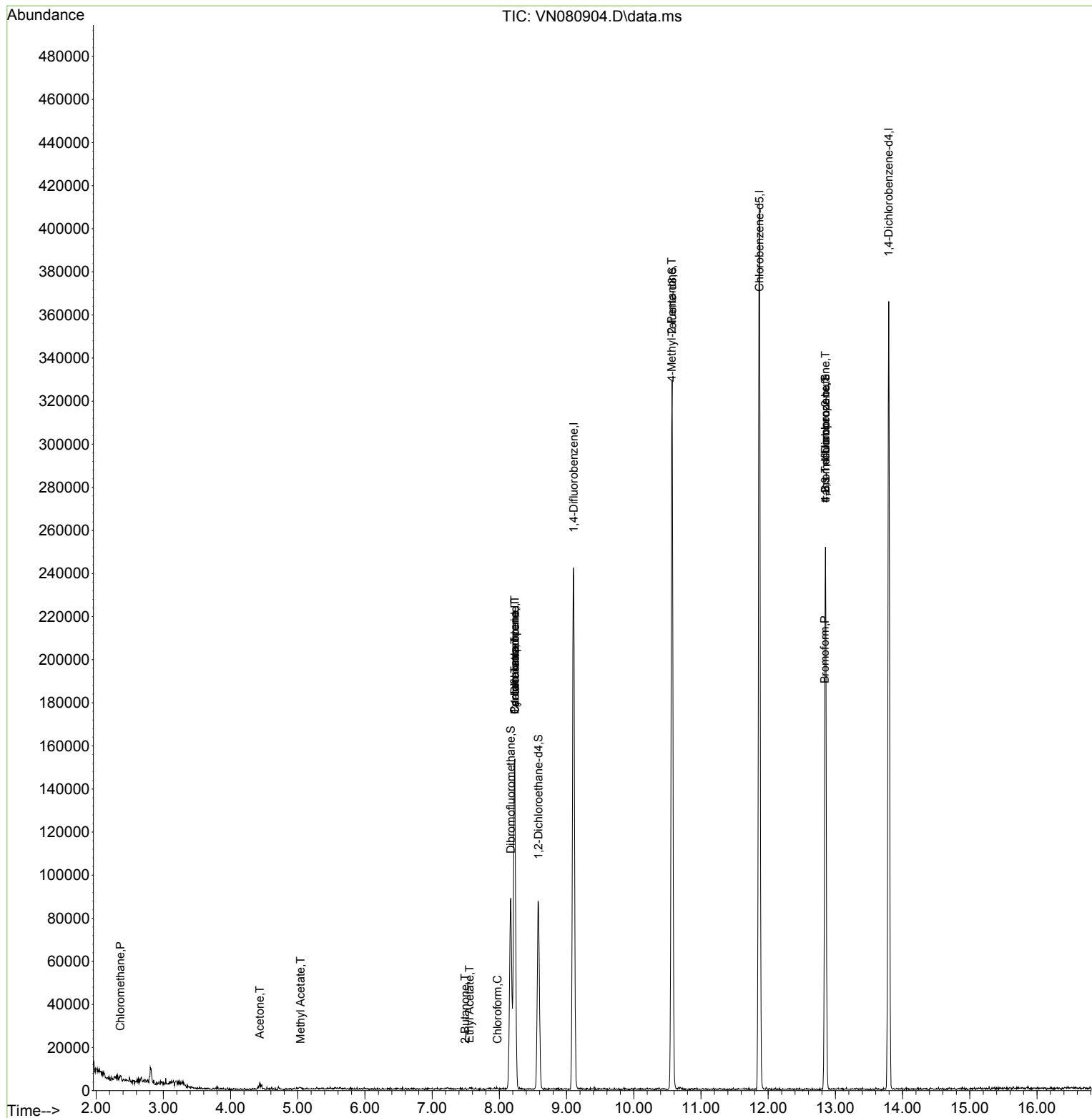
Internal Standards						
1) Pentafluorobenzene	8.229	168	90559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	188333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	208825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	68050	43.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.880%
35) Dibromofluoromethane	8.171	113	60261	52.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.600%
50) Toluene-d8	10.571	98	209767	46.514	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.020%
62) 4-Bromofluorobenzene	12.853	95	85967	54.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.400%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1354	0.670	ug/l	90
16) Acetone	4.436	43	3025	5.324	ug/l	95
18) Methyl Acetate	5.041	43	1612	0.814	ug/l #	54
25) 2-Butanone	7.488	43	294	0.272	ug/l #	51
30) Chloroform	7.971	83	573	0.219	ug/l #	18
31) Cyclohexane	8.229	56	4220	1.571	ug/l #	38
36) 1,1-Dichloropropene	8.229	75	12100	5.650	ug/l #	52
37) Ethyl Acetate	7.559	43	772	0.350	ug/l #	70
38) Carbon Tetrachloride	8.229	117	10969	6.357	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1159	0.517	ug/l #	1
71) Bromoform	12.841	173	279	0.278	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	50972	21.254	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	50972	54.755	ug/l #	14

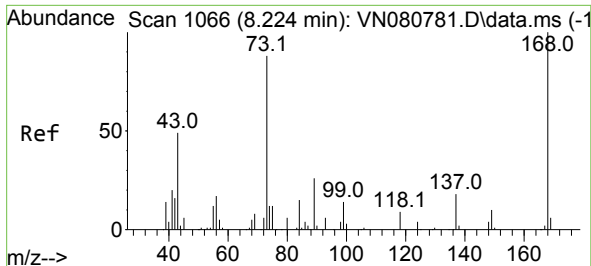
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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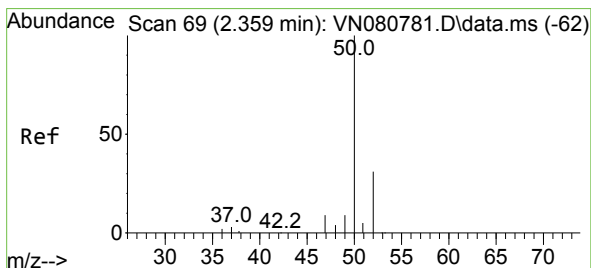
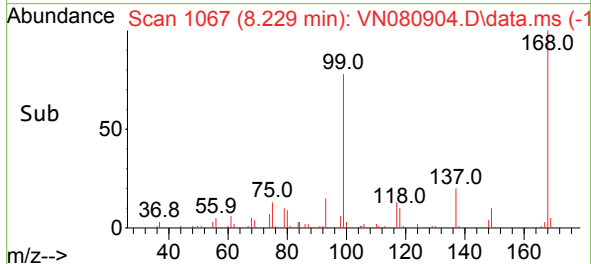
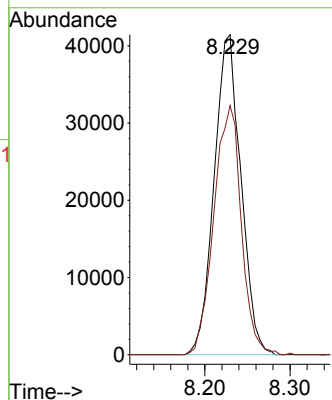
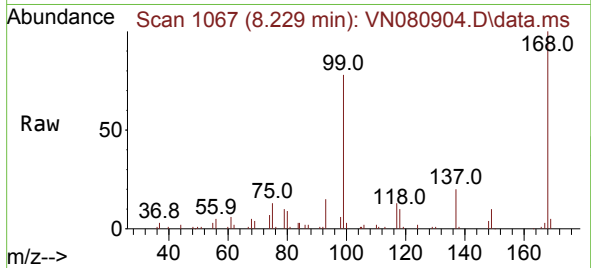




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080904.D
Acq: 05 Feb 2024 18:14

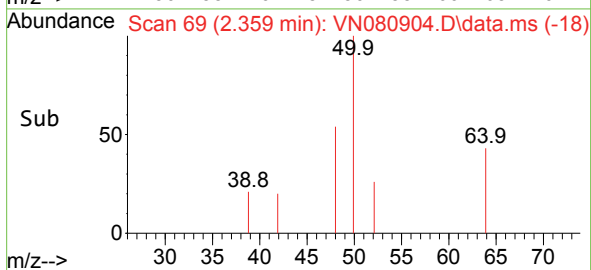
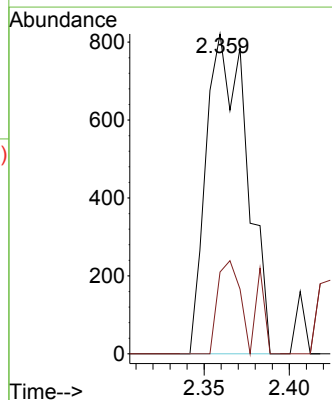
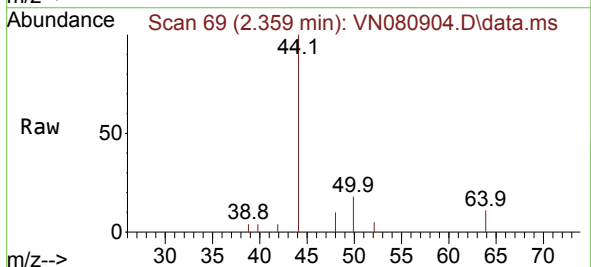
Instrument :
MSVOA_N
ClientSampleId :
T317-AOP

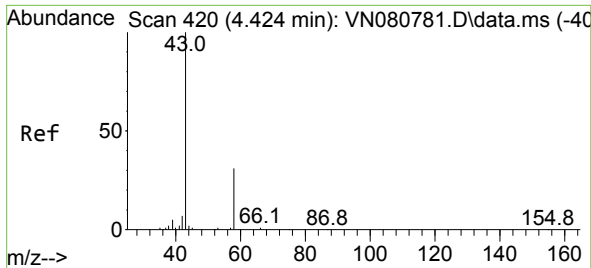
Tgt Ion:168 Resp: 90559
Ion Ratio Lower Upper
168 100
99 77.9 59.9 89.9



#3
Chloromethane
Concen: 0.670 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080904.D
Acq: 05 Feb 2024 18:14

Tgt Ion: 50 Resp: 1354
Ion Ratio Lower Upper
50 100
52 25.6 25.0 37.4

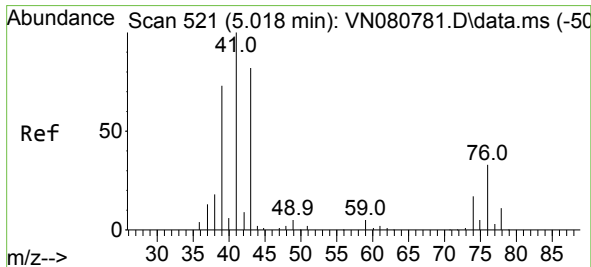
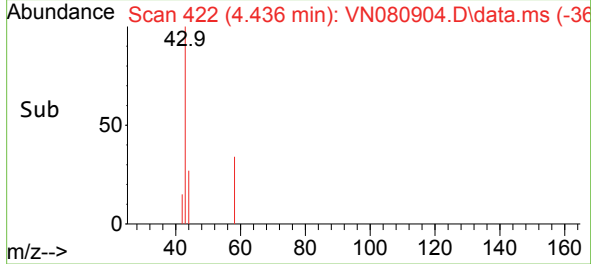
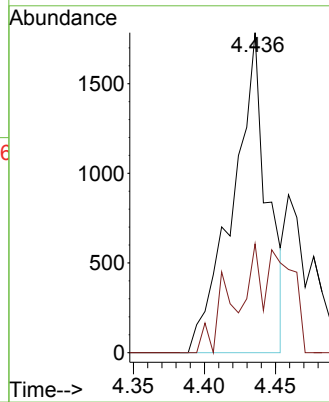
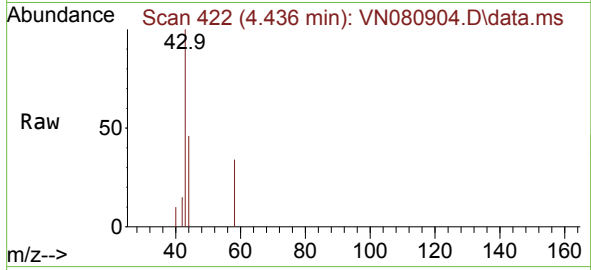




#16
Acetone
Concen: 5.324 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080904.D
Acq: 05 Feb 2024 18:14

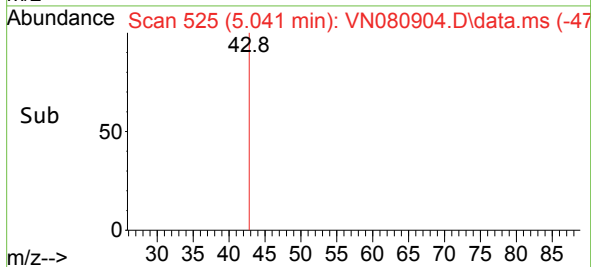
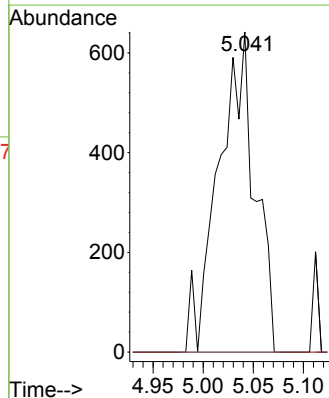
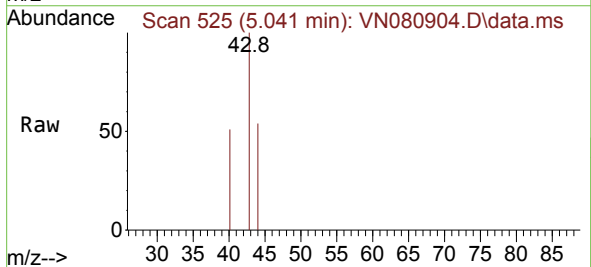
Instrument :
MSVOA_N
ClientSampleId :
T317-AOP

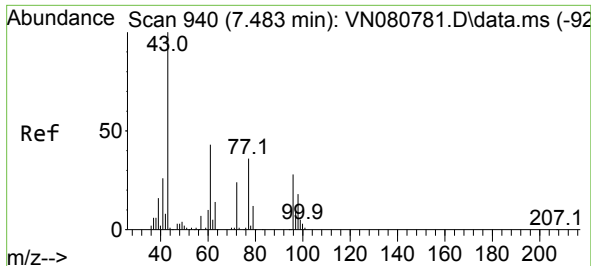
Tgt Ion: 43 Resp: 3025
Ion Ratio Lower Upper
43 100
58 34.0 24.8 37.2



#18
Methyl Acetate
Concen: 0.814 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.023 min
Lab File: VN080904.D
Acq: 05 Feb 2024 18:14

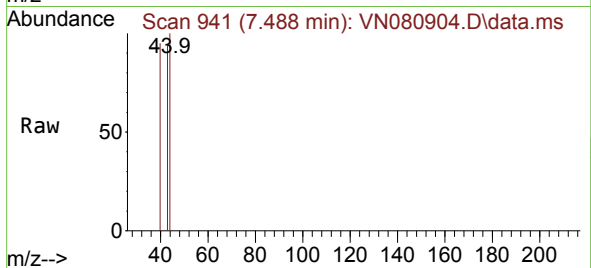
Tgt Ion: 43 Resp: 1612
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



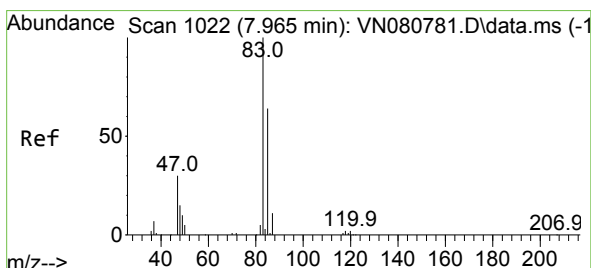
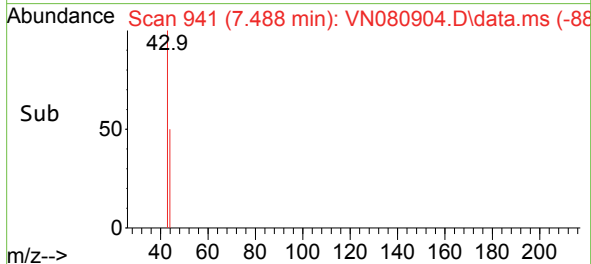
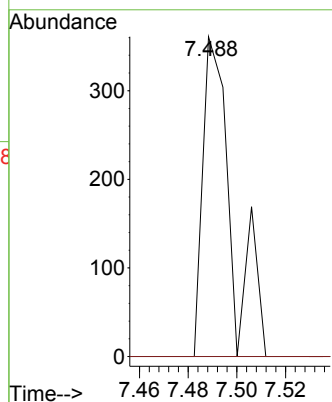


#25
2-Butanone
Concen: 0.272 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080904.D
Acq: 05 Feb 2024 18:14

Instrument :
MSVOA_N
ClientSampleId :
T317-AOP

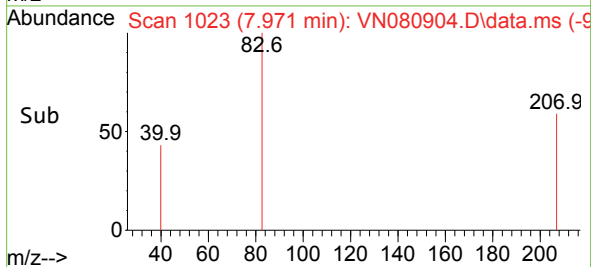
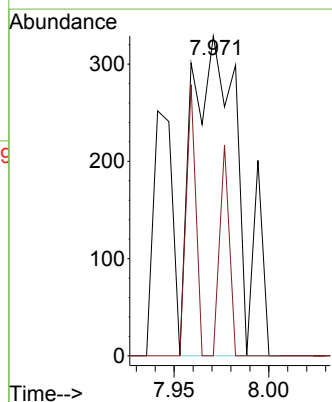
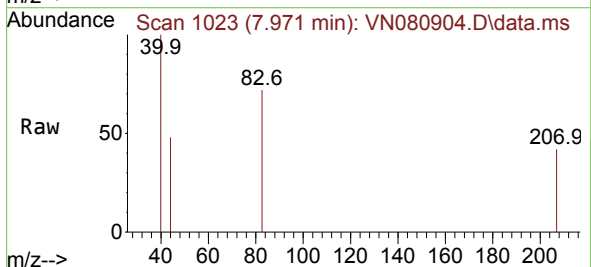


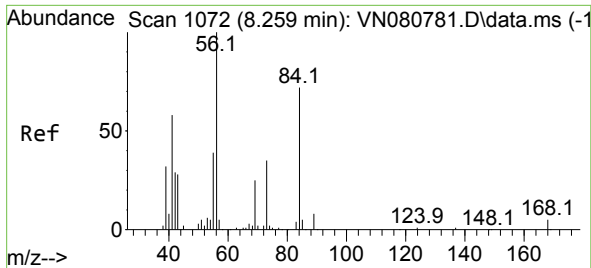
Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#30
Chloroform
Concen: 0.219 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080904.D
Acq: 05 Feb 2024 18:14

Tgt Ion: 83 Resp: 573
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.6#

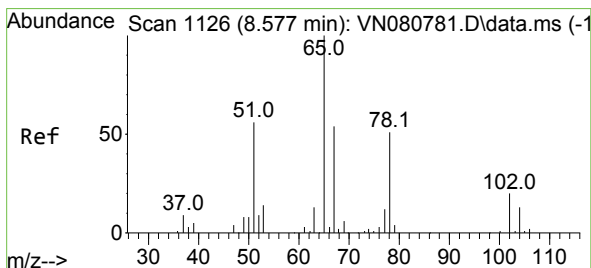
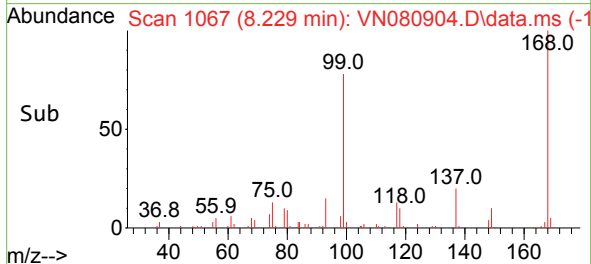
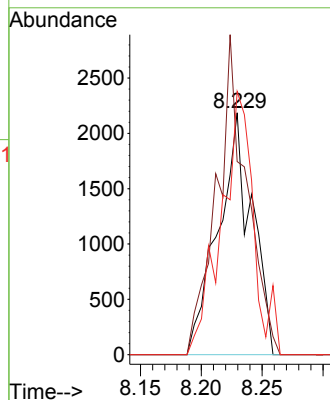
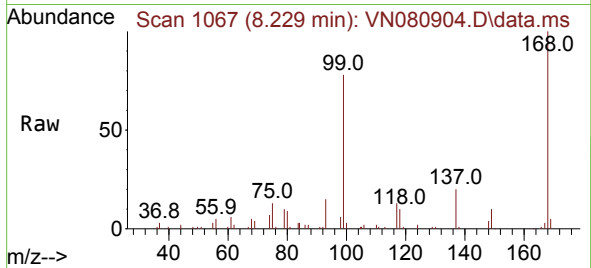




#31
Cyclohexane
Concen: 1.571 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080904.D
Acq: 05 Feb 2024 18:14

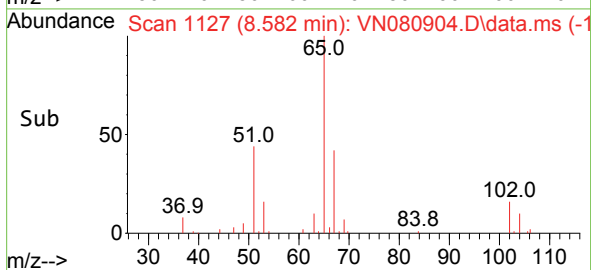
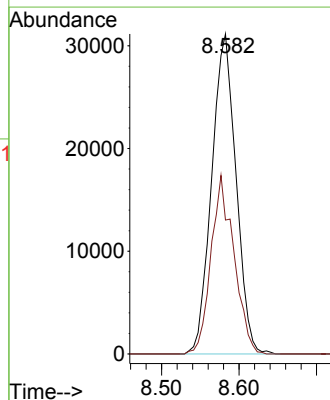
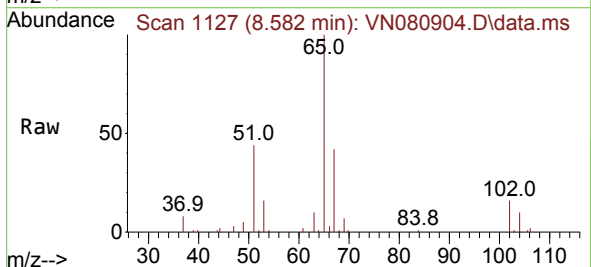
Instrument :
MSVOA_N
ClientSampleId :
T317-AOP

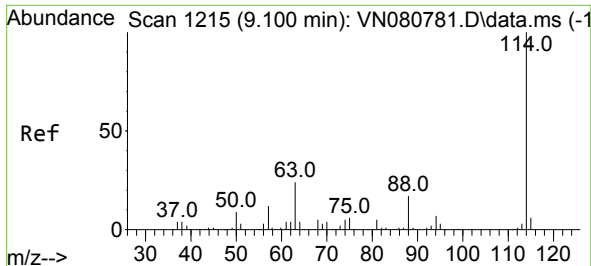
Tgt Ion: 56 Resp: 4220
Ion Ratio Lower Upper
56 100
69 79.8 20.1 30.1#
84 108.8 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 43.437 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080904.D
Acq: 05 Feb 2024 18:14

Tgt Ion: 65 Resp: 68050
Ion Ratio Lower Upper
65 100
67 52.5 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: VN080904.D

Acq: 05 Feb 2024 18:14

Instrument :

MSVOA_N

ClientSampleId :

T317-AOP

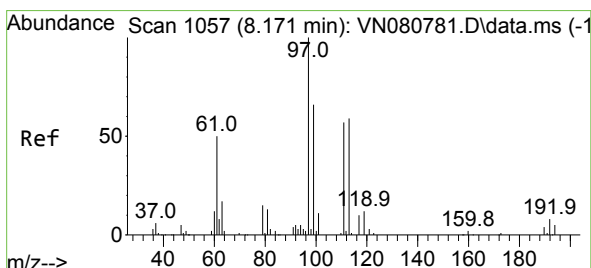
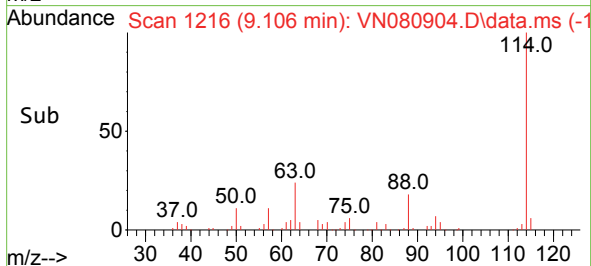
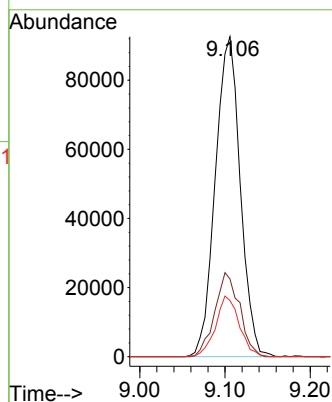
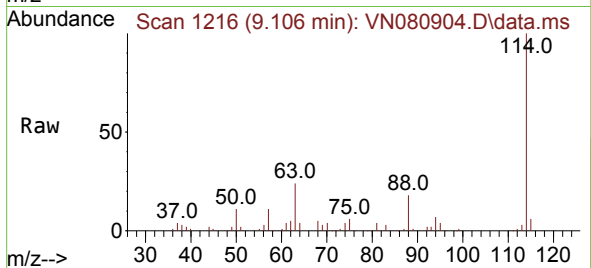
Tgt Ion:114 Resp: 188333

Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.0

88 17.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.300 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN080904.D

Acq: 05 Feb 2024 18:14

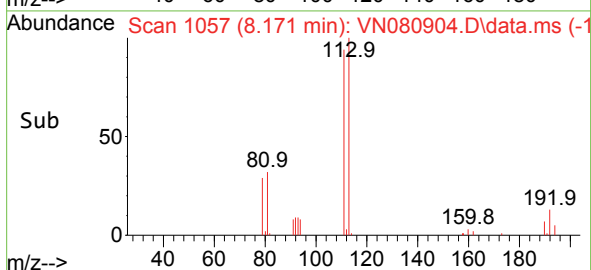
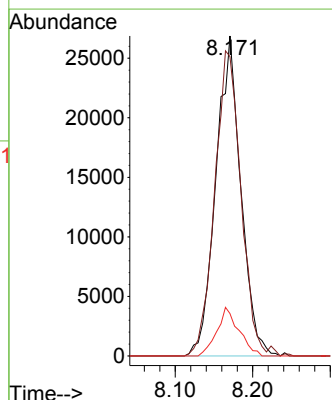
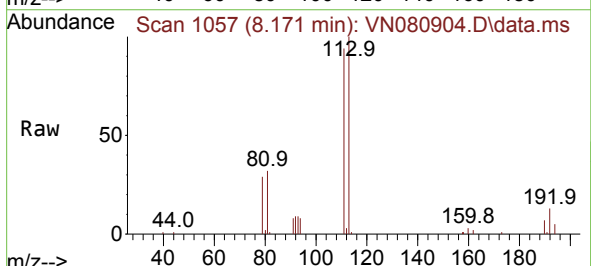
Tgt Ion:113 Resp: 60261

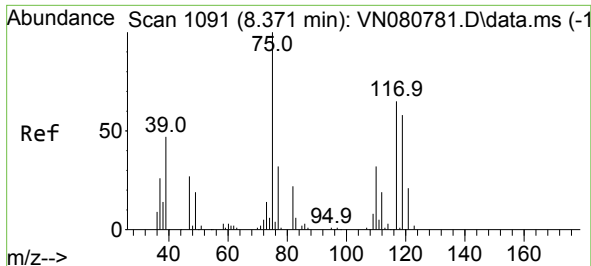
Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

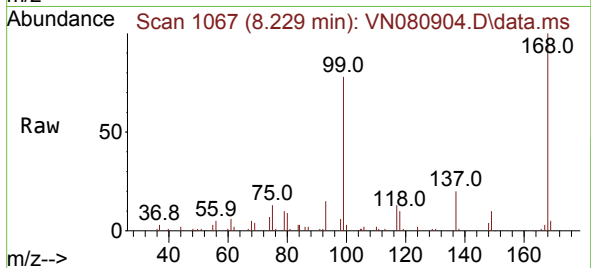
192 13.4 12.5 18.7



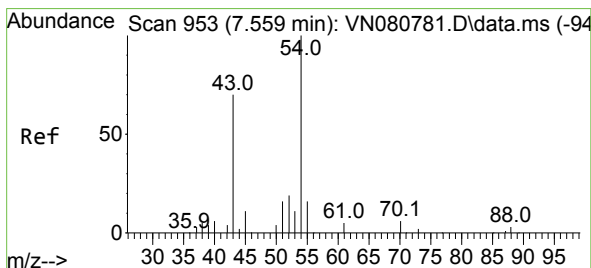
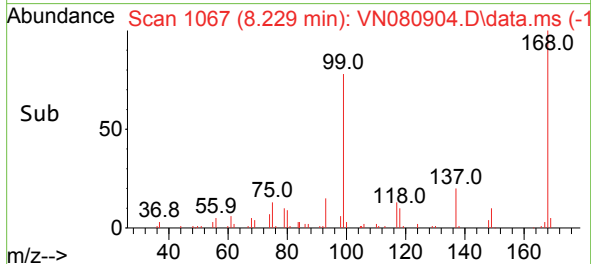
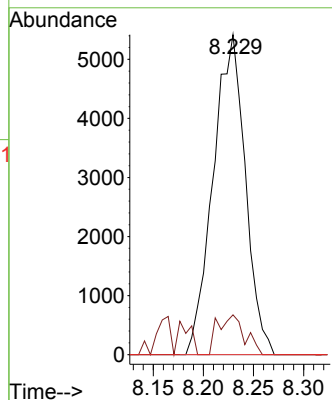


#36
1,1-Dichloropropene
Concen: 5.650 ug/l
RT: 8.229 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN080904.D
Acq: 05 Feb 2024 18:14

Instrument :
MSVOA_N
ClientSampleId :
T317-AOP

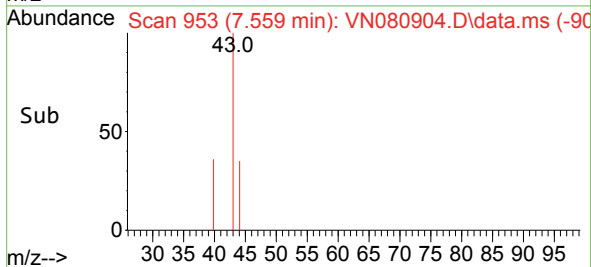
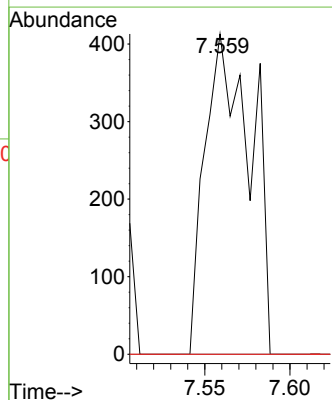
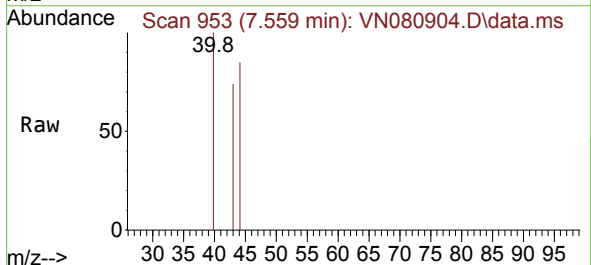


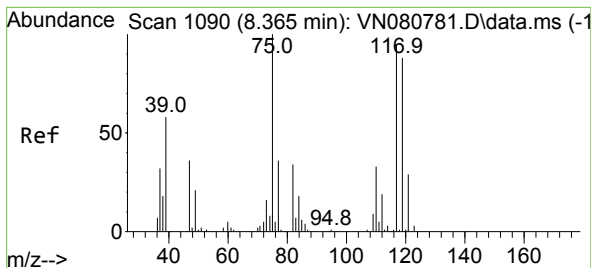
Tgt Ion: 75 Resp: 12100
Ion Ratio Lower Upper
75 100
110 10.4 16.0 48.0#
77 0.0 25.8 38.6#



#37
Ethyl Acetate
Concen: 0.350 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN080904.D
Acq: 05 Feb 2024 18:14

Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.0 12.0#





#38

Carbon Tetrachloride

Concen: 6.357 ug/l

RT: 8.229 min Scan# 1090

Delta R.T. -0.135 min

Lab File: VN080904.D

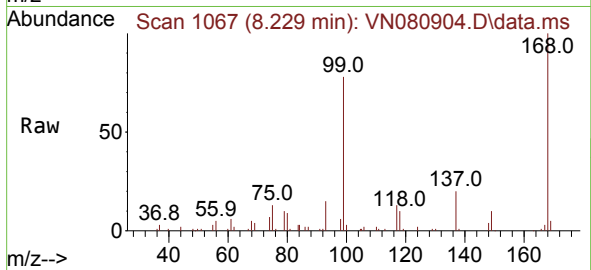
Acq: 05 Feb 2024 18:14

Instrument :

MSVOA_N

ClientSampleId :

T317-AOP



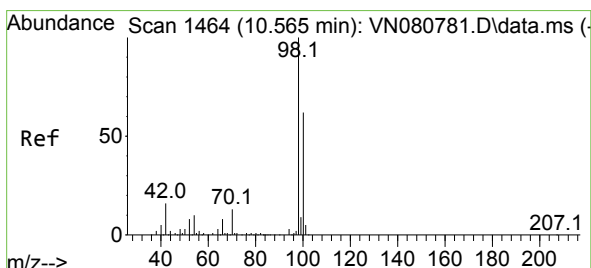
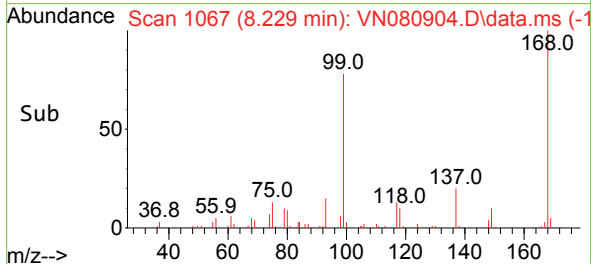
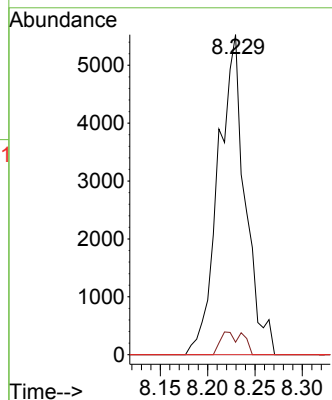
Tgt Ion:117 Resp: 10969

Ion Ratio Lower Upper

117 100

119 3.9 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 46.514 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080904.D

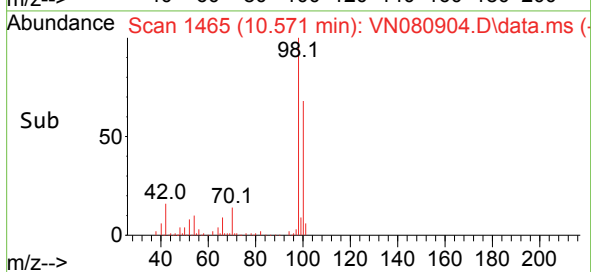
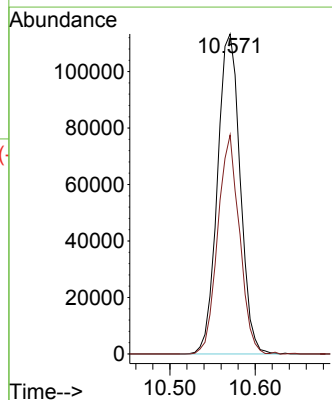
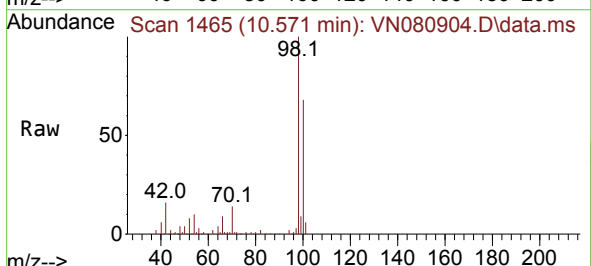
Acq: 05 Feb 2024 18:14

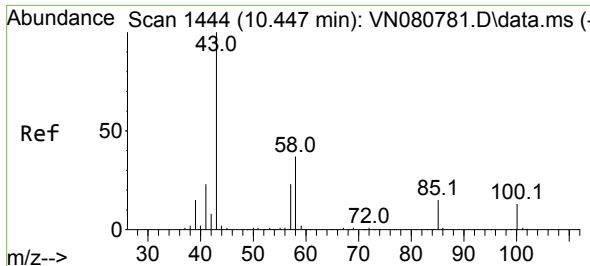
Tgt Ion: 98 Resp: 209767

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.517 ug/l

RT: 10.565 min Scan# 1444

Delta R.T. 0.118 min

Lab File: VN080904.D

Acq: 05 Feb 2024 18:14

Instrument :

MSVOA_N

ClientSampleId :

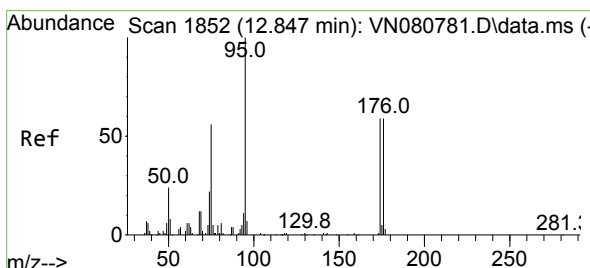
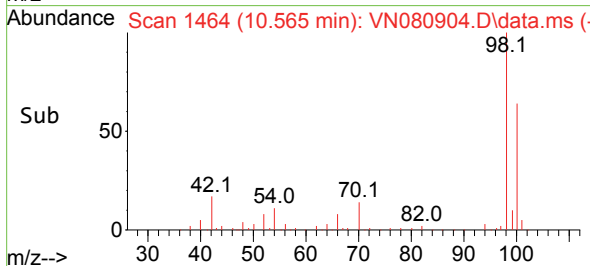
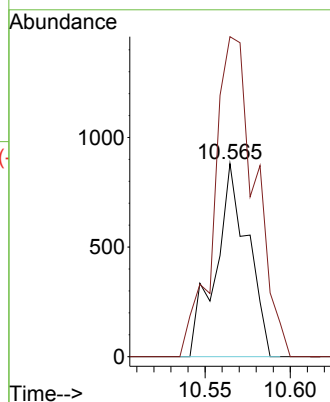
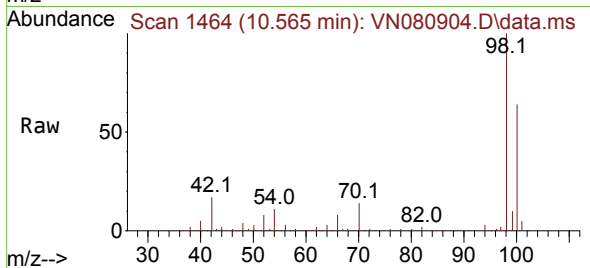
T317-AOP

Tgt Ion: 43 Resp: 1159

Ion Ratio Lower Upper

43 100

58 211.1 29.4 44.0#



#62

4-Bromofluorobenzene

Concen: 54.703 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080904.D

Acq: 05 Feb 2024 18:14

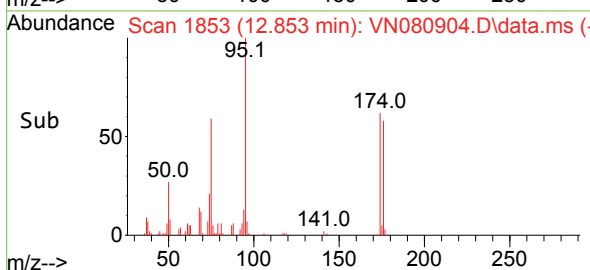
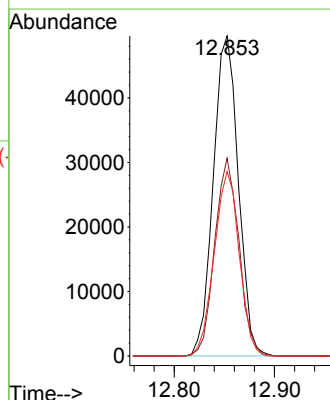
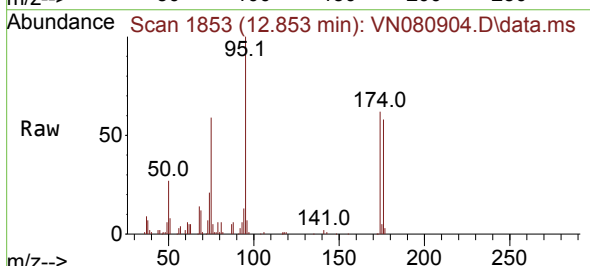
Tgt Ion: 95 Resp: 85967

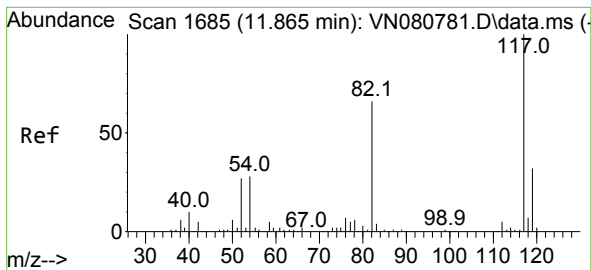
Ion Ratio Lower Upper

95 100

174 59.7 0.0 120.4

176 57.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080904.D

Acq: 05 Feb 2024 18:14

Instrument :

MSVOA_N

ClientSampleId :

T317-AOP

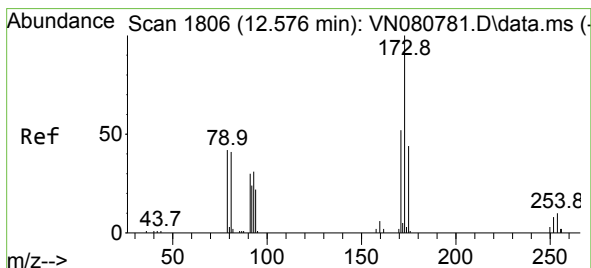
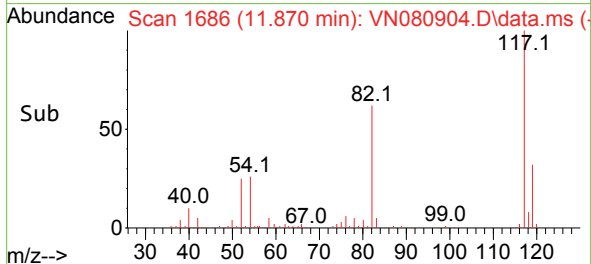
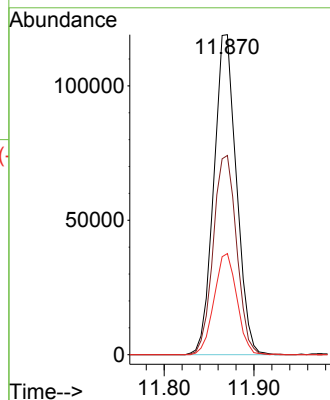
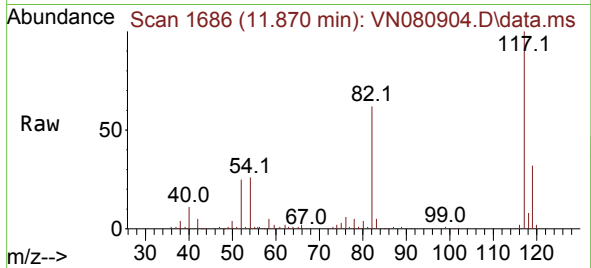
Tgt Ion:117 Resp: 208825

Ion Ratio Lower Upper

117 100

82 62.3 52.7 79.1

119 31.6 25.3 37.9



#71

Bromoform

Concen: 0.278 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. 0.265 min

Lab File: VN080904.D

Acq: 05 Feb 2024 18:14

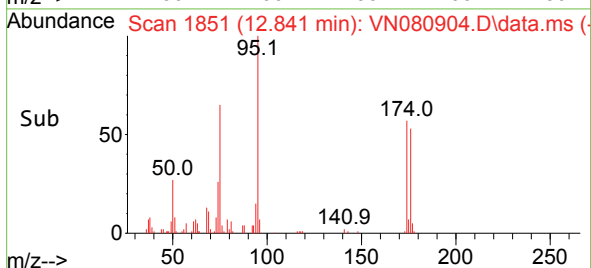
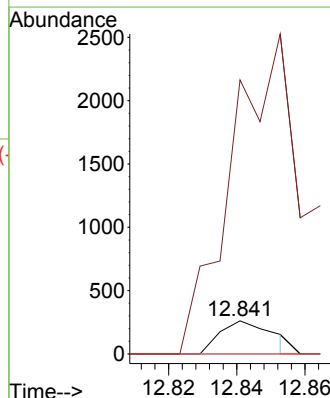
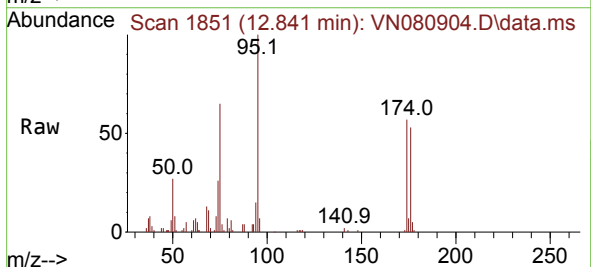
Tgt Ion:173 Resp: 279

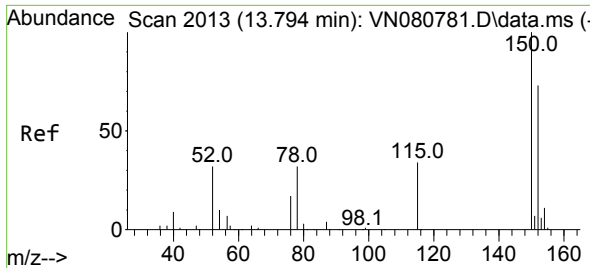
Ion Ratio Lower Upper

173 100

175 686.0 23.1 69.2#

254 0.0 0.0 0.0

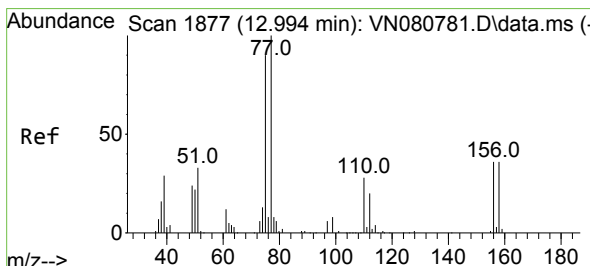
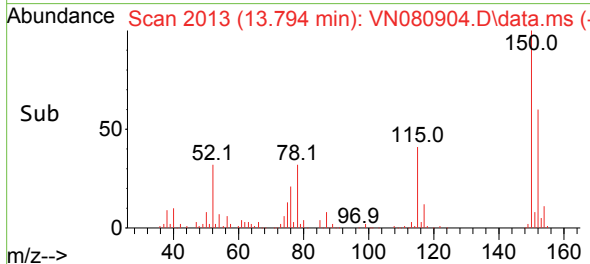
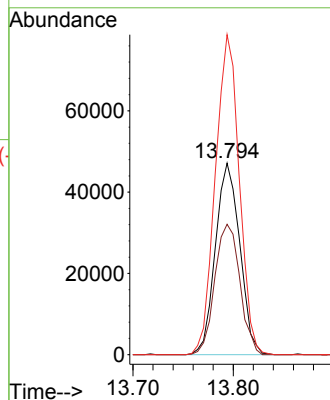
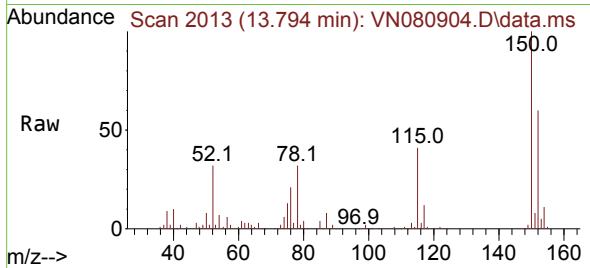




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080904.D
 Acq: 05 Feb 2024 18:14

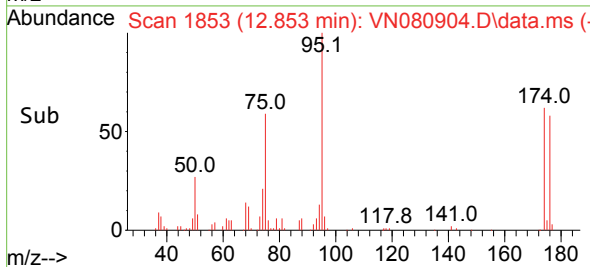
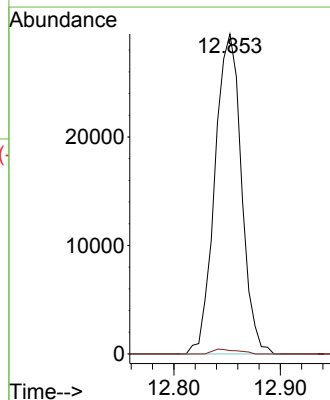
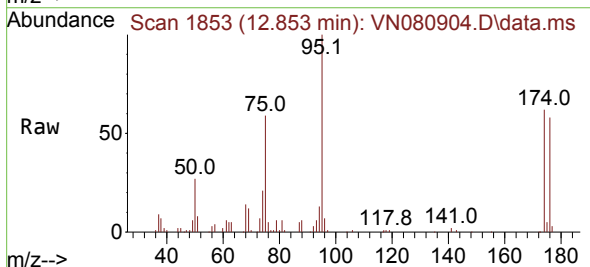
Instrument :
 MSVOA_N
 ClientSampleId :
 T317-AOP

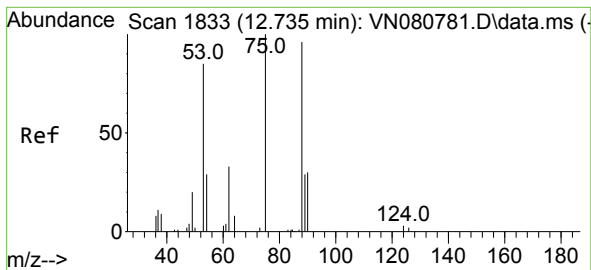
Tgt Ion:152 Resp: 79515
 Ion Ratio Lower Upper
 152 100
 115 70.1 32.3 96.8
 150 164.0 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 21.254 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN080904.D
 Acq: 05 Feb 2024 18:14

Tgt Ion: 75 Resp: 50972
 Ion Ratio Lower Upper
 75 100
 77 1.4 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.755 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN080904.D
 Acq: 05 Feb 2024 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 T317-AOP

Tgt Ion: 75 Resp: 50972
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

