

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080889.D
 Acq On : 02 Feb 2024 21:27
 Operator : JC\MD
 Sample : P1368-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-306P-GW-20240201-0

Quant Time: Feb 02 23:58:57 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)

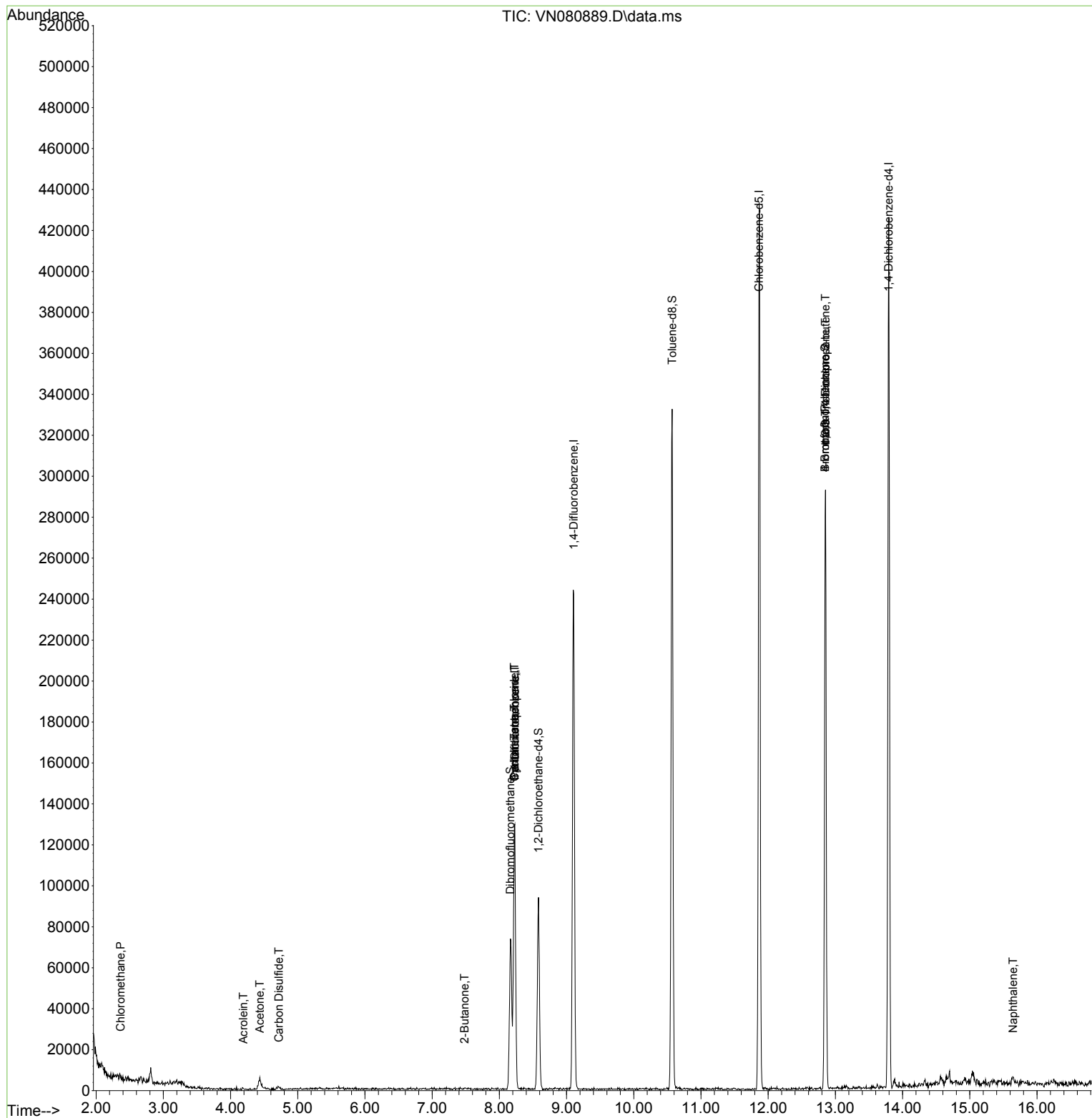
Internal Standards						
1) Pentafluorobenzene	8.230	168	79675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	190471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	201822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	67579	49.029	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	8.165	113	52370	44.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.880%
50) Toluene-d8	10.571	98	215889	47.334	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.660%
62) 4-Bromofluorobenzene	12.847	95	97059	61.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1257	0.707	ug/l	92
13) Acrolein	4.189	56	224	0.791	ug/l	90
16) Acetone	4.436	43	10628	21.261	ug/l #	82
17) Carbon Disulfide	4.718	76	1079	0.310	ug/l #	78
25) 2-Butanone	7.483	43	592	0.623	ug/l #	51
31) Cyclohexane	8.224	56	3271	1.384	ug/l #	66
36) 1,1-Dichloropropene	8.230	75	9036	4.172	ug/l #	49
38) Carbon Tetrachloride	8.224	117	10249	5.873	ug/l #	14
71) Bromoform	12.847	173	393	0.406	ug/l #	30
76) 1,2,3-Trichloropropane	12.853	75	62254	23.248	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	62254	59.892	ug/l #	14
95) Naphthalene	15.647	128	4185	0.747	ug/l #	88

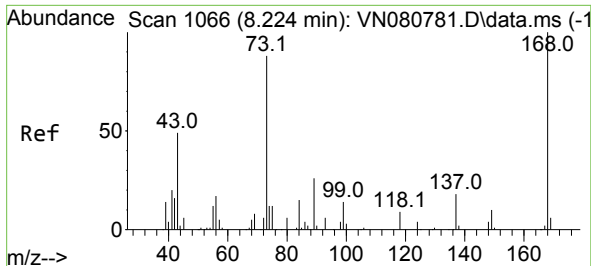
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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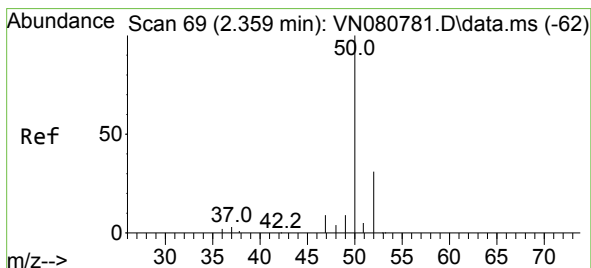
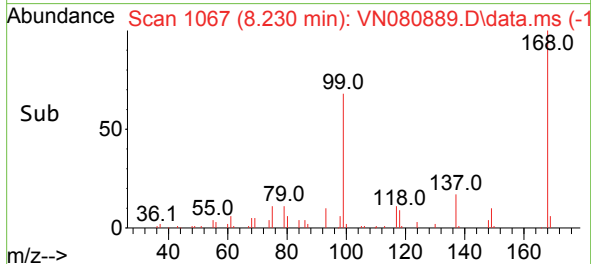
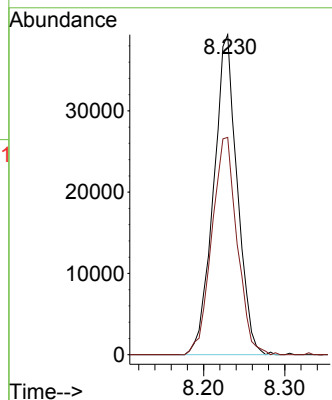
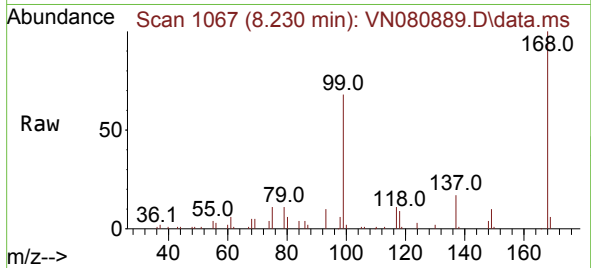




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

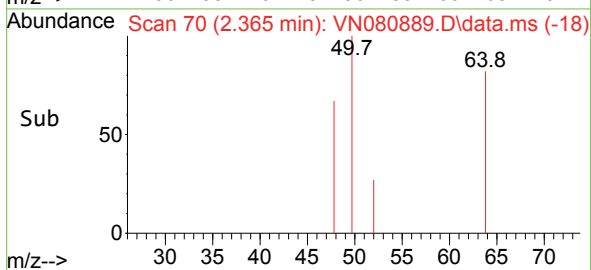
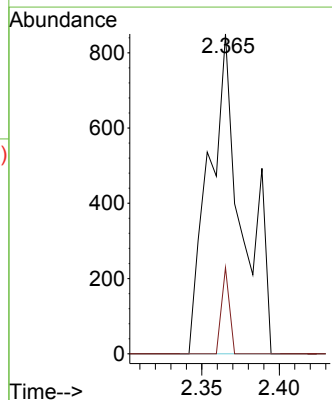
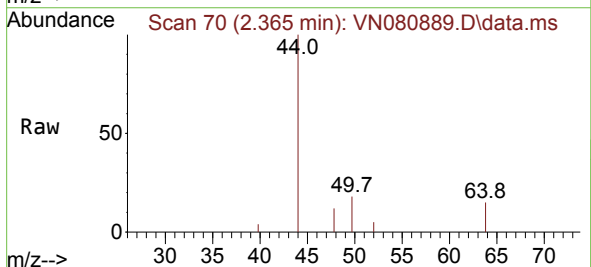
Instrument :
MSVOA_N
ClientSampleId :
MR-306P-GW-20240201-0

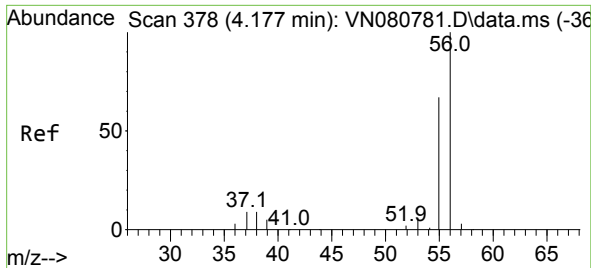
Tgt Ion:168 Resp: 79675
Ion Ratio Lower Upper
168 100
99 67.9 59.9 89.9



#3
Chloromethane
Concen: 0.707 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

Tgt Ion: 50 Resp: 1257
Ion Ratio Lower Upper
50 100
52 26.9 25.0 37.4





#13

Acrolein

Concen: 0.791 ug/l

RT: 4.189 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN080889.D

Acq: 02 Feb 2024 21:27

Instrument :

MSVOA_N

ClientSampleId :

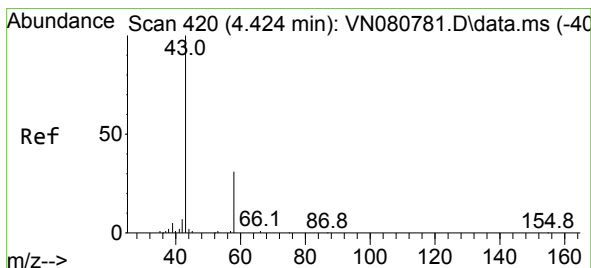
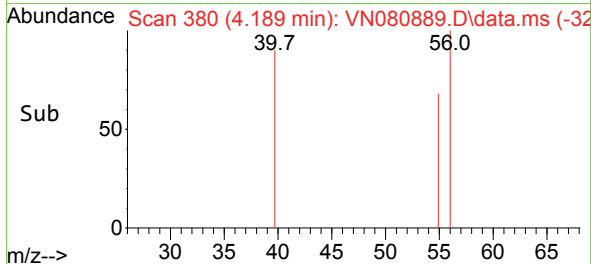
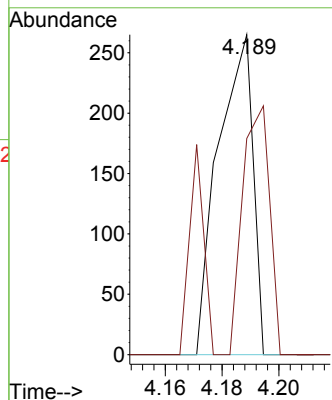
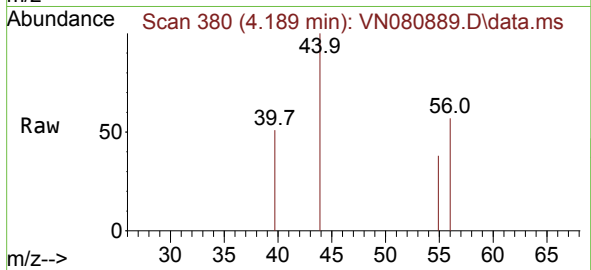
MR-306P-GW-20240201-0

Tgt Ion: 56 Resp: 224

Ion Ratio Lower Upper

56 100

55 60.7 55.3 82.9



#16

Acetone

Concen: 21.261 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN080889.D

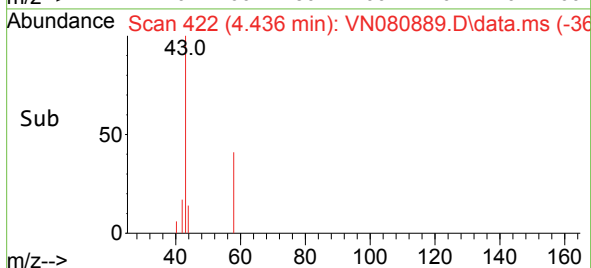
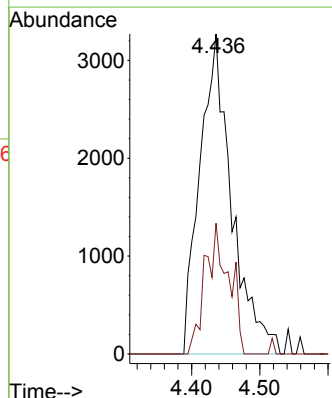
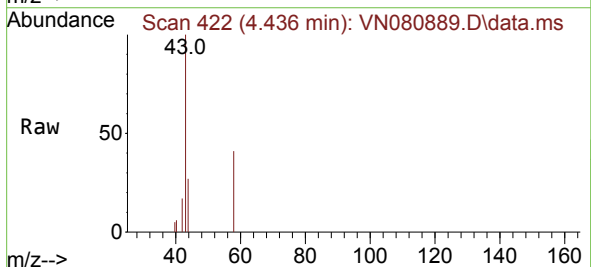
Acq: 02 Feb 2024 21:27

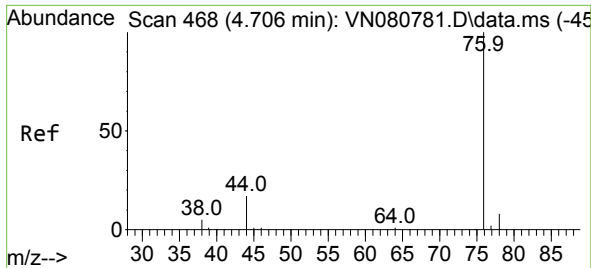
Tgt Ion: 43 Resp: 10628

Ion Ratio Lower Upper

43 100

58 40.9 24.8 37.2#

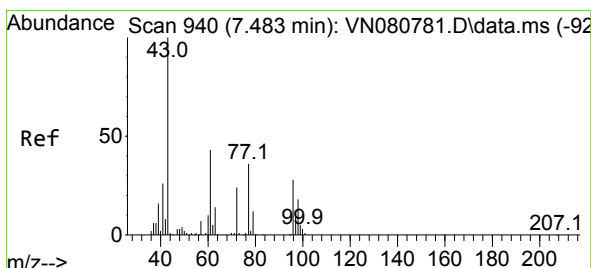
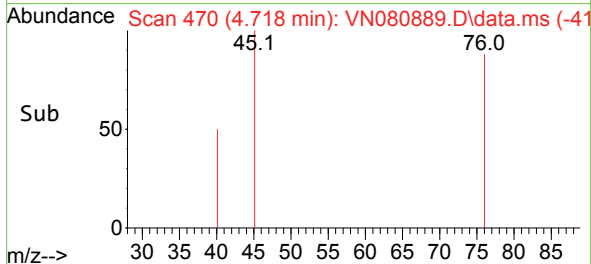
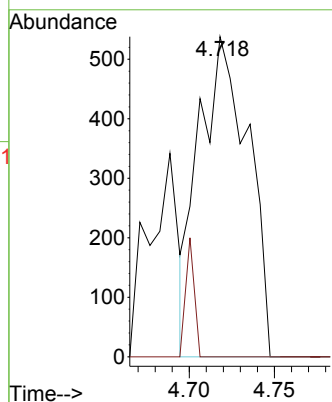
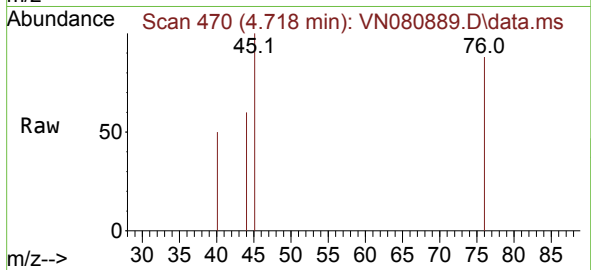




#17
Carbon Disulfide
Concen: 0.310 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

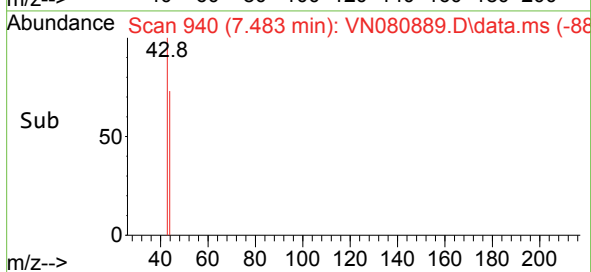
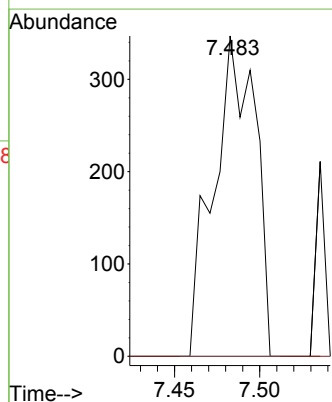
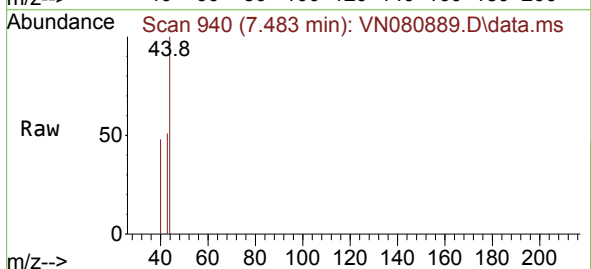
Instrument :
MSVOA_N
ClientSampleId :
MR-306P-GW-20240201-0

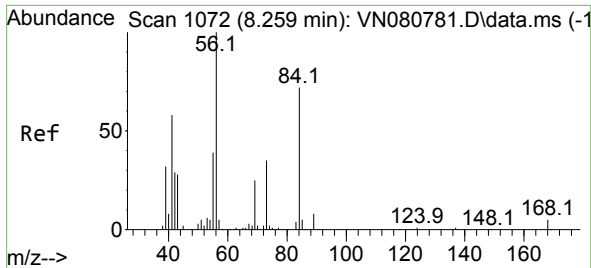
Tgt Ion: 76 Resp: 1079
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#25
2-Butanone
Concen: 0.623 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

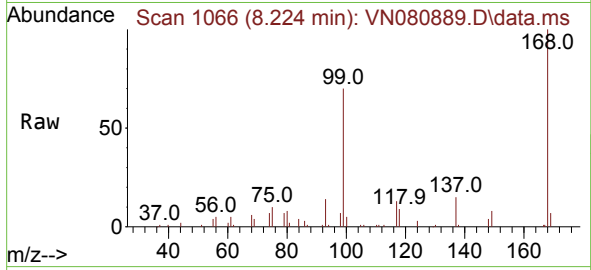
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



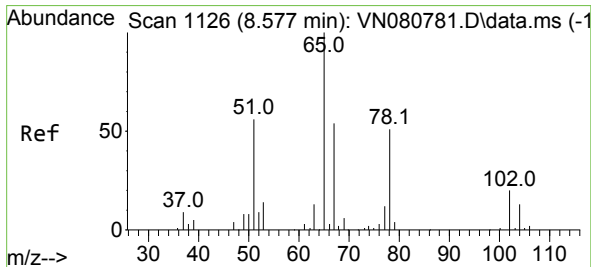
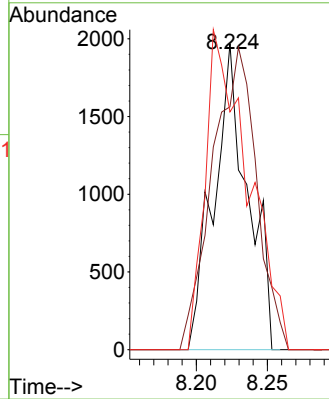
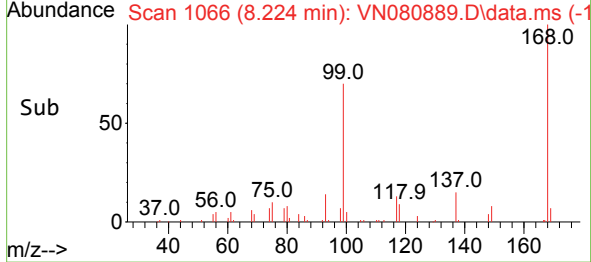


#31
Cyclohexane
Concen: 1.384 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

Instrument :
MSVOA_N
ClientSampleId :
MR-306P-GW-20240201-0

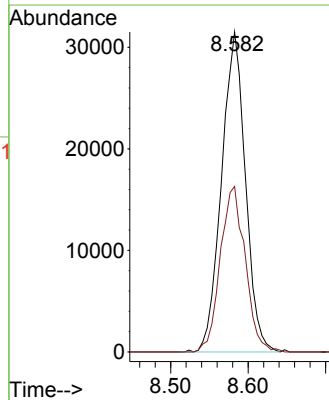
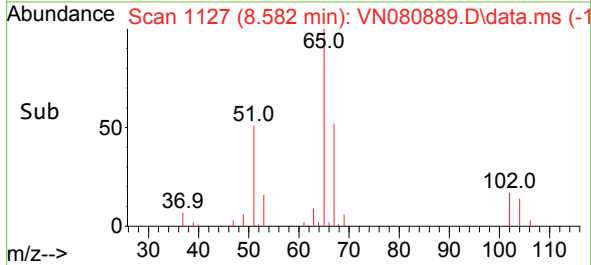
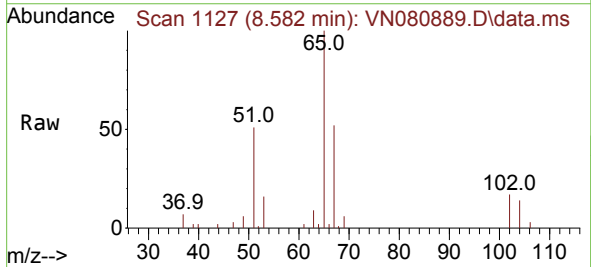


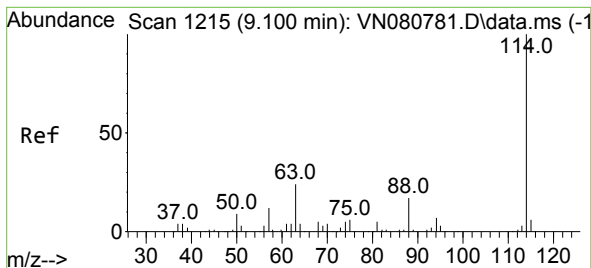
Tgt Ion: 56 Resp: 3271
Ion Ratio Lower Upper
56 100
69 79.3 20.1 30.1#
84 77.7 56.9 85.3



#33
1,2-Dichloroethane-d4
Concen: 49.029 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

Tgt Ion: 65 Resp: 67579
Ion Ratio Lower Upper
65 100
67 54.0 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: VN080889.D

Acq: 02 Feb 2024 21:27

Instrument :

MSVOA_N

ClientSampleId :

MR-306P-GW-20240201-0

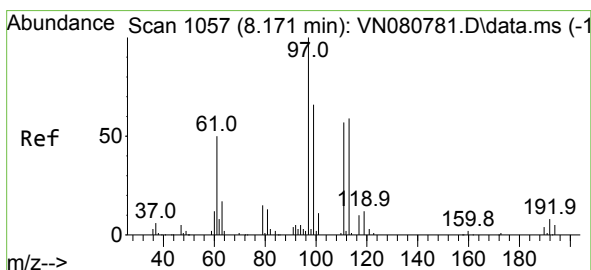
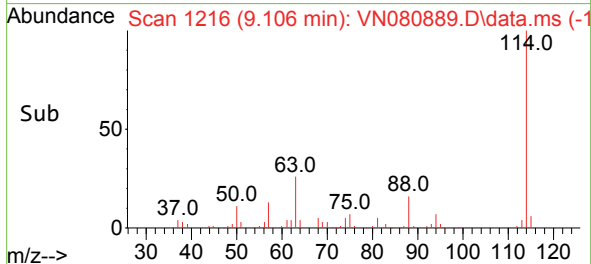
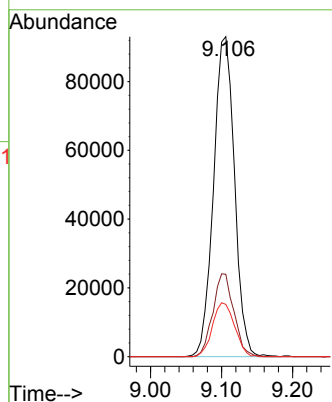
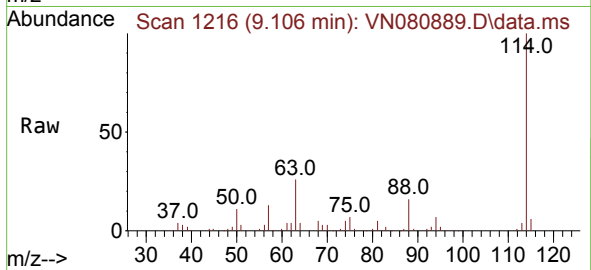
Tgt Ion:114 Resp: 190471

Ion Ratio Lower Upper

114 100

63 25.7 0.0 48.0

88 16.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 44.941 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080889.D

Acq: 02 Feb 2024 21:27

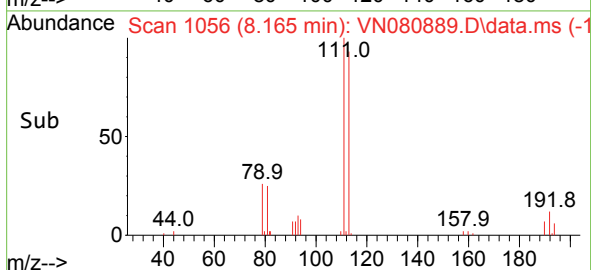
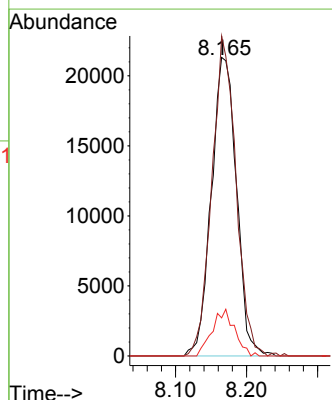
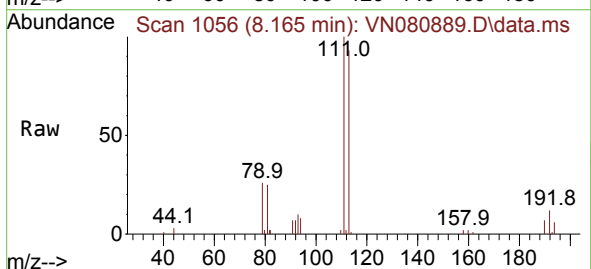
Tgt Ion:113 Resp: 52370

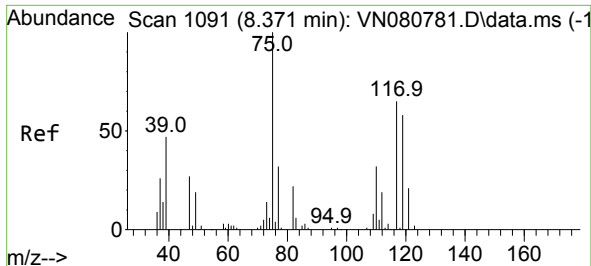
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 14.0 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.172 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN080889.D

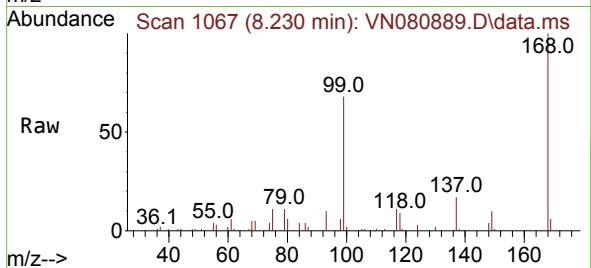
Acq: 02 Feb 2024 21:27

Instrument :

MSVOA_N

ClientSampleId :

MR-306P-GW-20240201-0



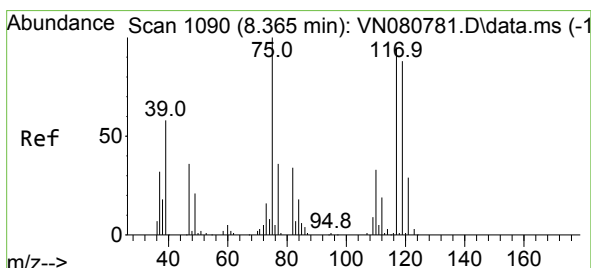
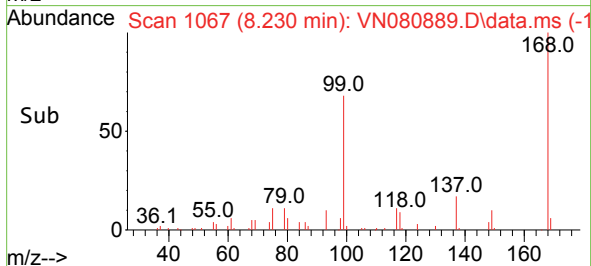
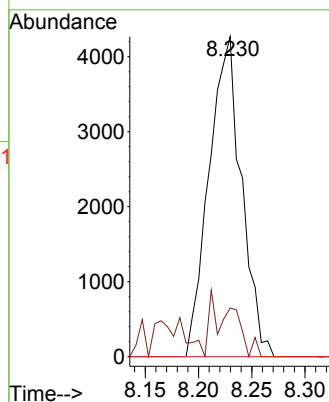
Tgt Ion: 75 Resp: 9036

Ion Ratio Lower Upper

75 100

110 7.3 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.873 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080889.D

Acq: 02 Feb 2024 21:27

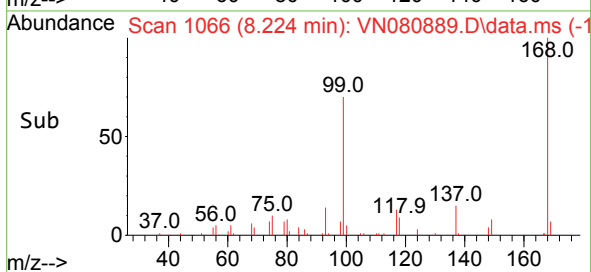
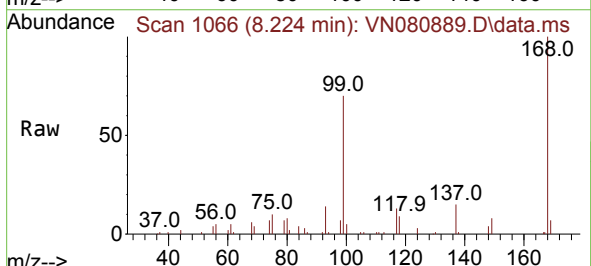
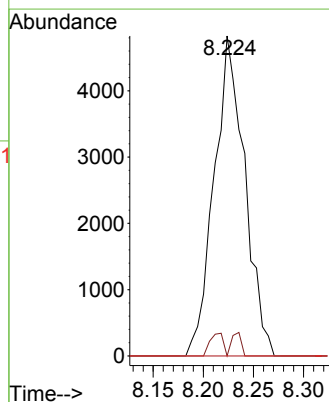
Tgt Ion: 117 Resp: 10249

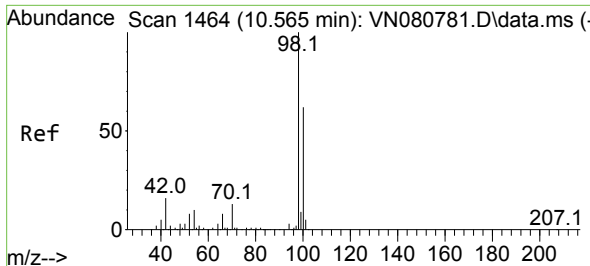
Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

121 0.0 24.4 36.6#

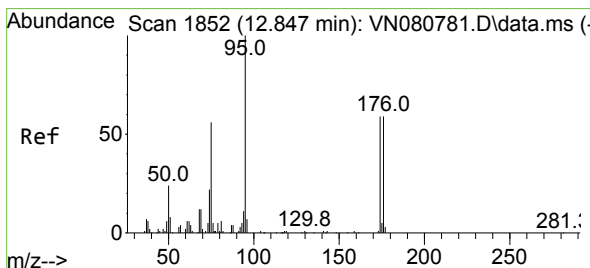
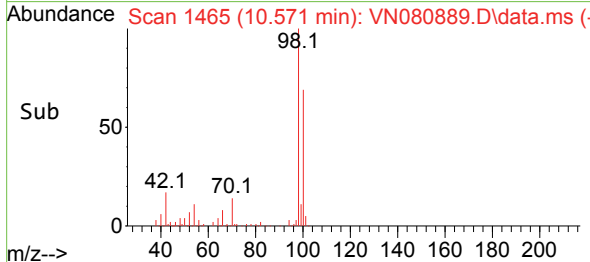
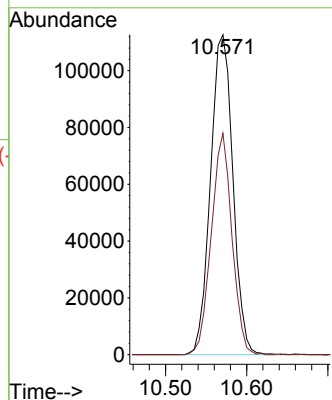
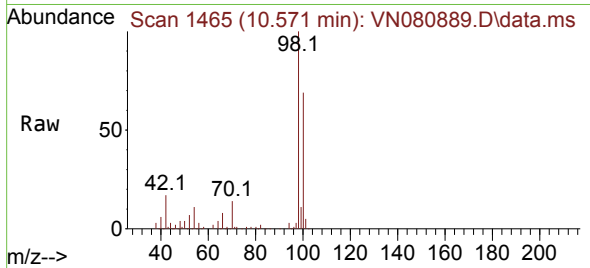




#50
Toluene-d8
Concen: 47.334 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

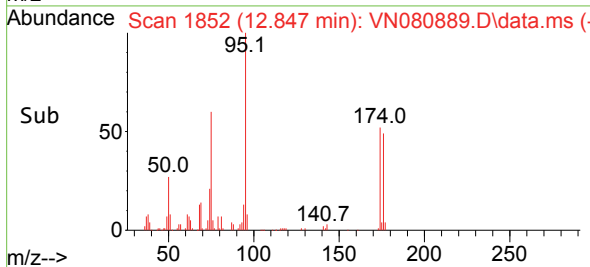
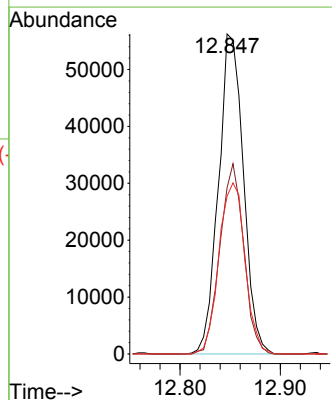
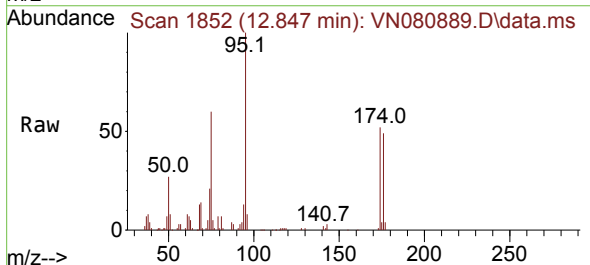
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MR-306P-GW-20240201-0

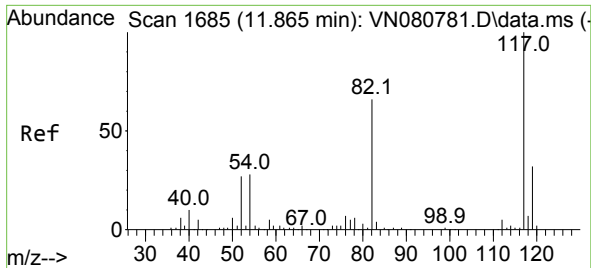
Tgt Ion: 98 Resp: 215889
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 61.068 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

Tgt Ion: 95 Resp: 97059
Ion Ratio Lower Upper
95 100
174 56.8 0.0 120.4
176 55.9 0.0 121.0

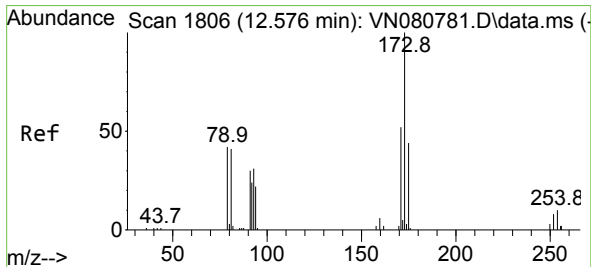
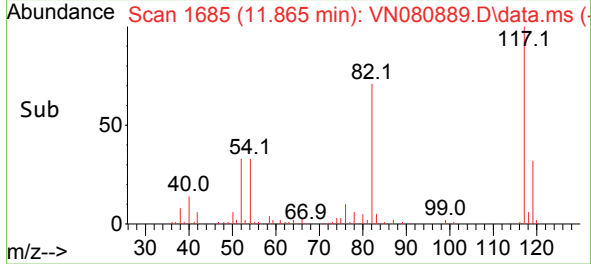
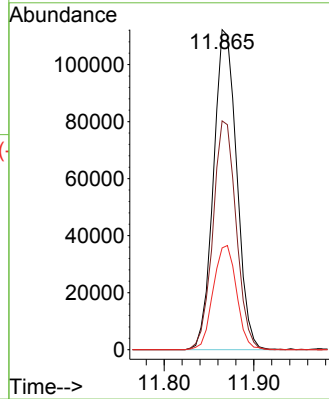
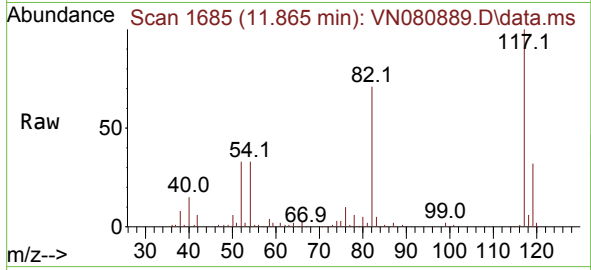




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

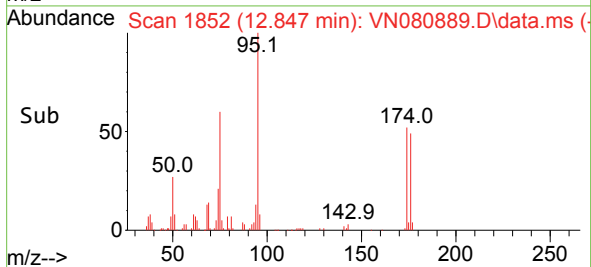
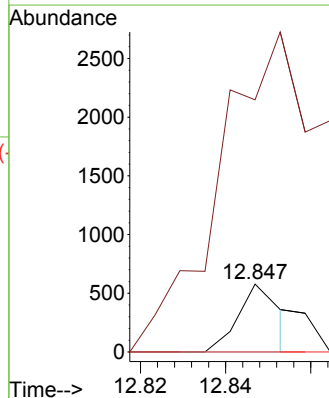
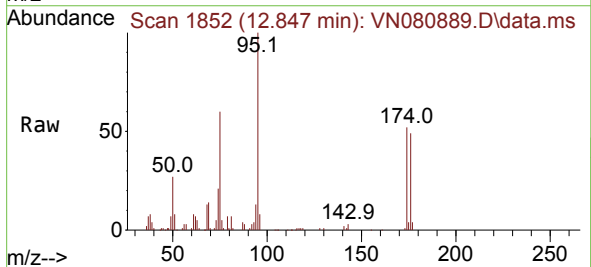
Instrument :
MSVOA_N
ClientSampleId :
MR-306P-GW-20240201-0

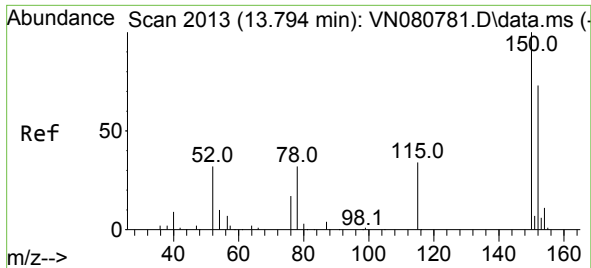
Tgt Ion:	117	Resp:	201822
Ion Ratio	Lower	Upper	
117	100		
82	71.5	52.7	79.1
119	31.8	25.3	37.9



#71
Bromoform
Concen: 0.406 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

Tgt Ion:	173	Resp:	393
Ion Ratio	Lower	Upper	
173	100		
175	0.0	23.1	69.2#
254	0.0	0.0	0.0

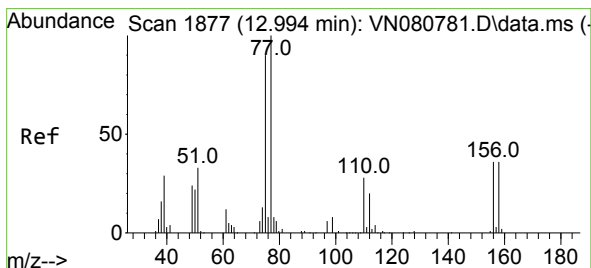
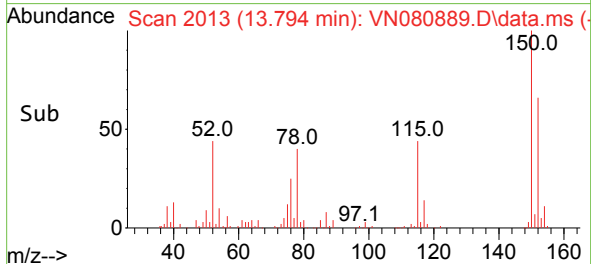
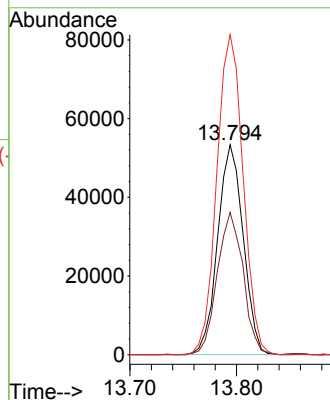
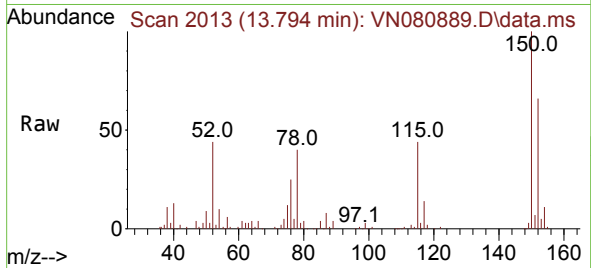




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080889.D
 Acq: 02 Feb 2024 21:27

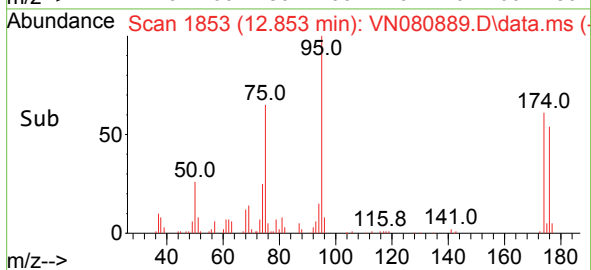
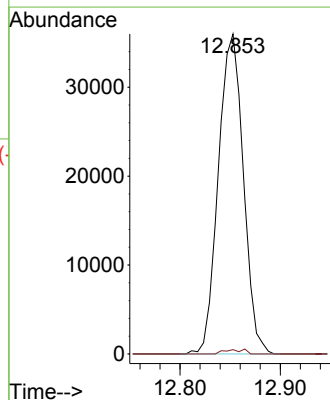
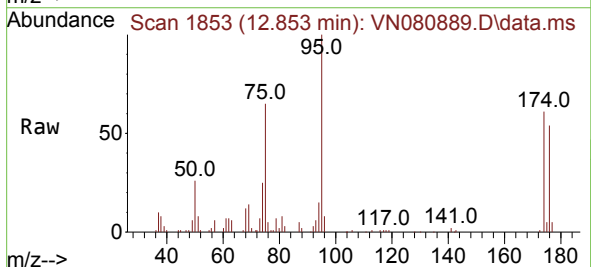
Instrument :
 MSVOA_N
 ClientSampleId :
 MR-306P-GW-20240201-0

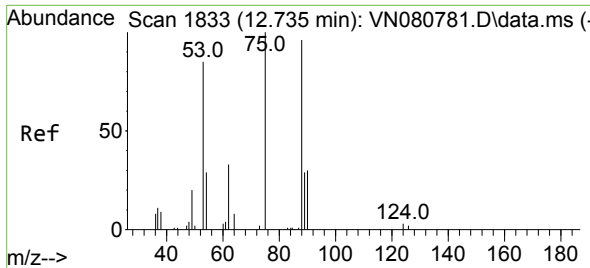
Tgt Ion:152 Resp: 88786
 Ion Ratio Lower Upper
 152 100
 115 68.6 32.3 96.8
 150 157.1 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 23.248 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN080889.D
 Acq: 02 Feb 2024 21:27

Tgt Ion: 75 Resp: 62254
 Ion Ratio Lower Upper
 75 100
 77 1.1 91.0 272.8#

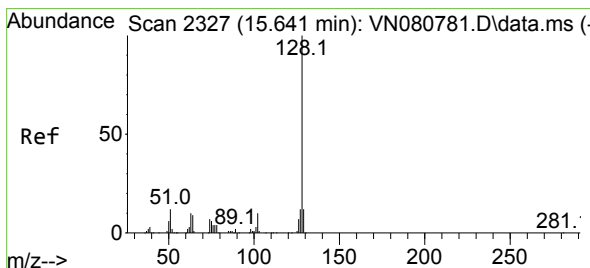
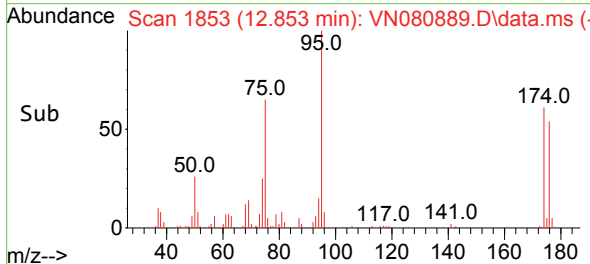
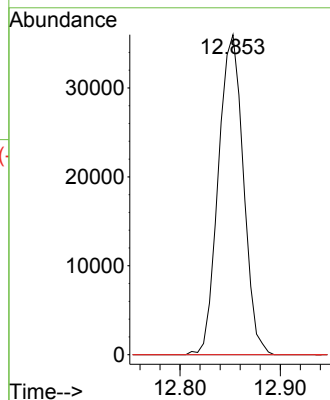
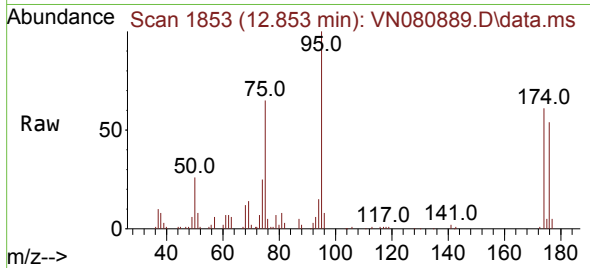




#81
trans-1,4-Dichloro-2-butene
Concen: 59.892 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

Instrument :
MSVOA_N
ClientSampleId :
MR-306P-GW-20240201-0

Tgt Ion: 75 Resp: 62254
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#95
Naphthalene
Concen: 0.747 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080889.D
Acq: 02 Feb 2024 21:27

Tgt Ion:128 Resp: 4185
Ion Ratio Lower Upper
128 100
127 10.8 10.0 15.0
129 3.4 8.7 13.1#

