

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076108.D
 Acq On : 05 Jan 2023 14:03
 Operator : JC\MD
 Sample : 01031-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-289-310-010423

Quant Time: Jan 05 23:48:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

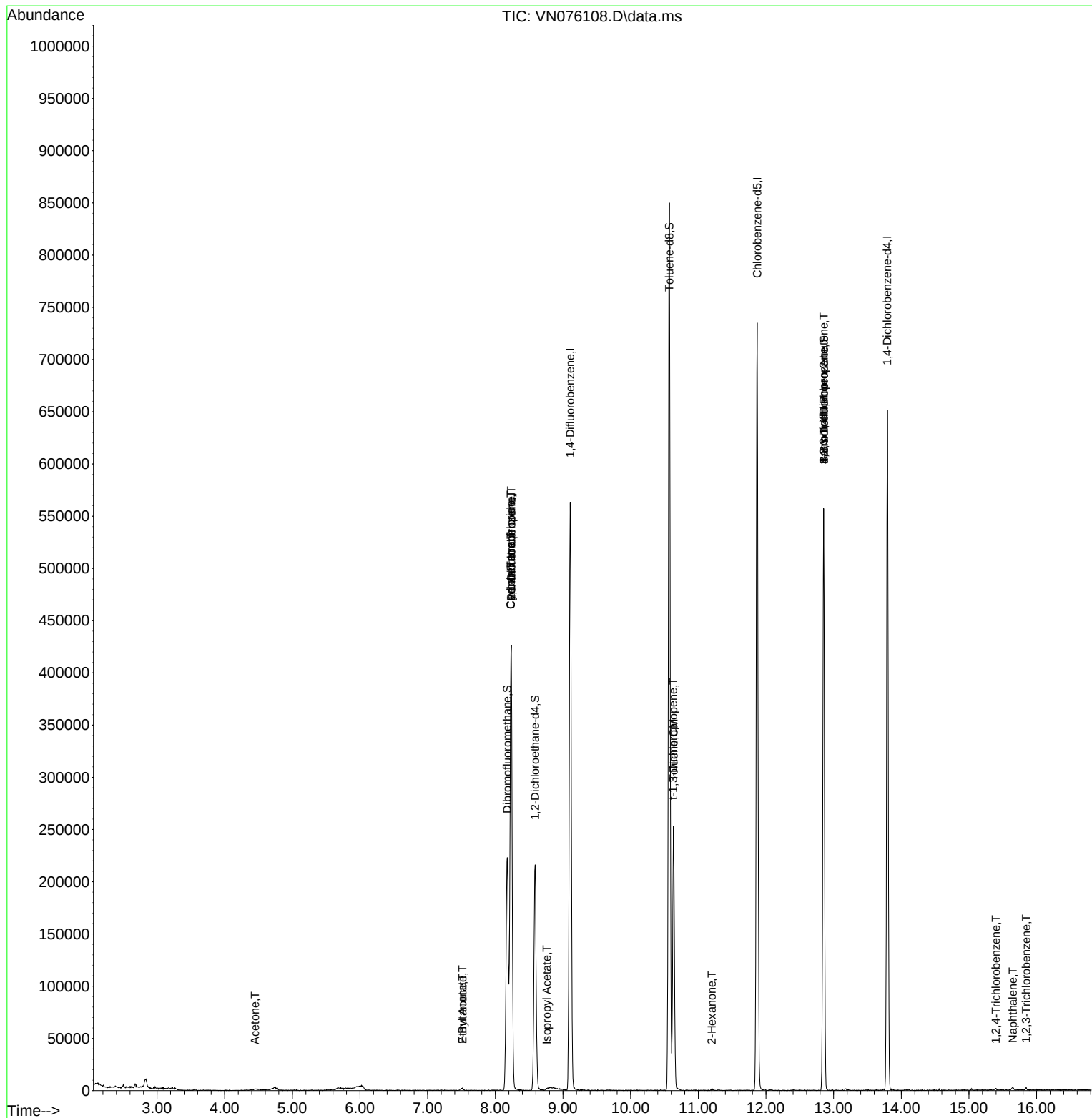
Internal Standards						
1) Pentafluorobenzene	8.235	168	334236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	523318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	454142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	173209	47.635	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.260%
35) Dibromofluoromethane	8.177	113	159428	49.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	10.571	98	599526	49.478	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.853	95	182843	45.559	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.120%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	995	0.794	ug/l	98
20) Methylene Chloride	5.289	84	149	Below Cal	#	12
25) 2-Butanone	7.512	43	2971	1.693	ug/l	96
31) Cyclohexane	8.230	56	6484	1.245	ug/l #	11
36) 1,1-Dichloropropene	8.235	75	23695	5.504	ug/l #	50
37) Ethyl Acetate	7.512	43	2971	0.859	ug/l #	65
38) Carbon Tetrachloride	8.230	117	33092	6.868	ug/l #	16
43) Isopropyl Acetate	8.759	43	1236	0.217	ug/l #	50
52) Toluene	10.635	92	115487	13.350	ug/l	100
53) t-1,3-Dichloropropene	10.629	75	1364	0.296	ug/l #	1
59) 2-Hexanone	11.200	43	734	0.292	ug/l	95
71) Bromoform	12.853	173	1419	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	94138	25.642	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	94138	92.298	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.400	180	909	0.303	ug/l #	72
95) Naphthalene	15.647	128	3874	2.551	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.847	180	837	0.298	ug/l #	84

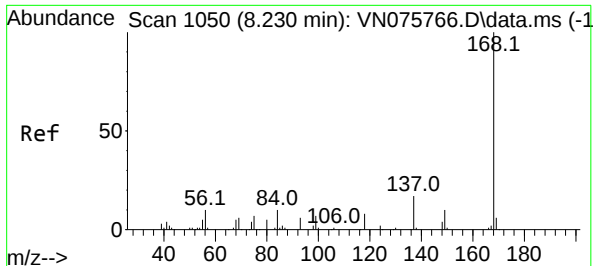
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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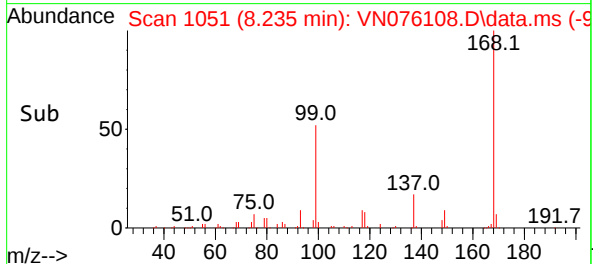
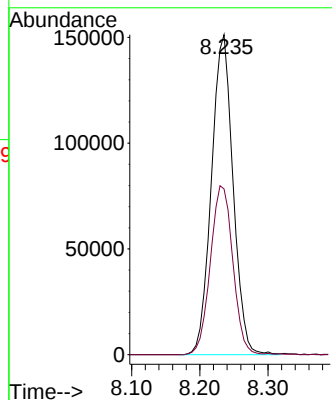
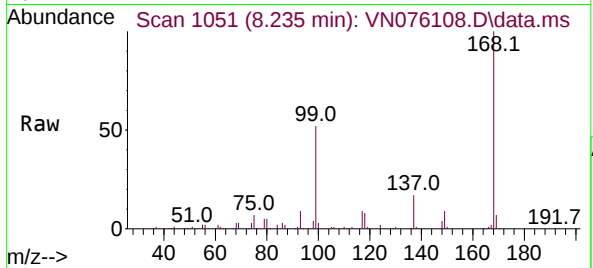




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

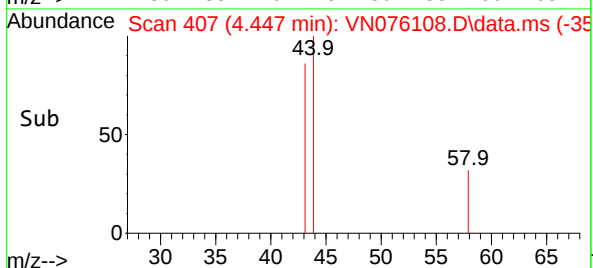
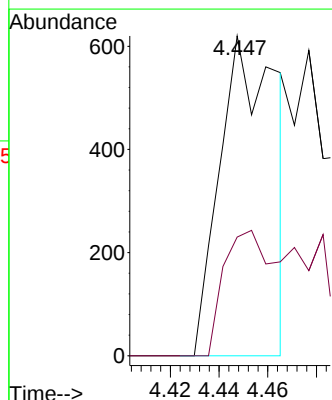
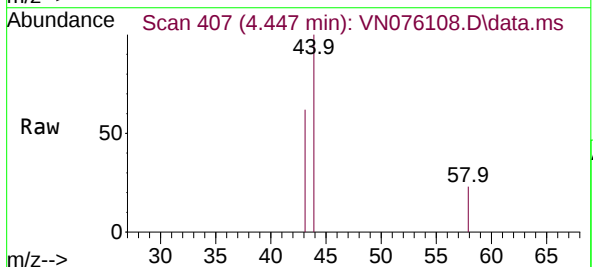
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-289-310-010423

Tgt Ion:168 Resp: 334236
Ion Ratio Lower Upper
168 100
99 51.8 44.2 66.4



#16
Acetone
Concen: 0.794 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
58 37.1 28.6 43.0

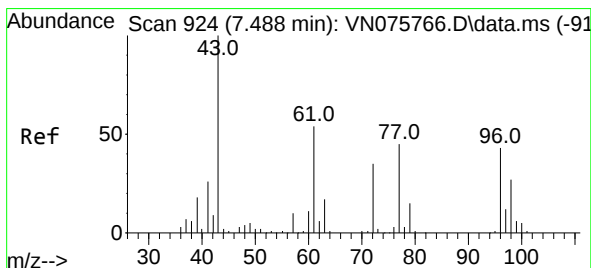
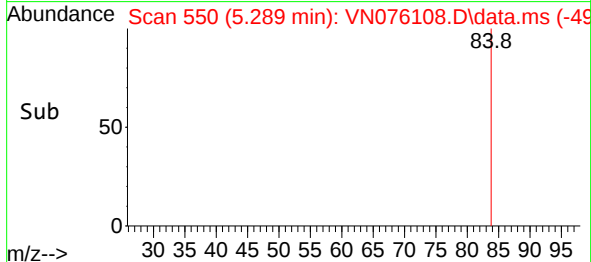
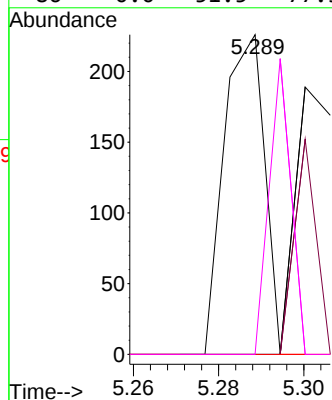
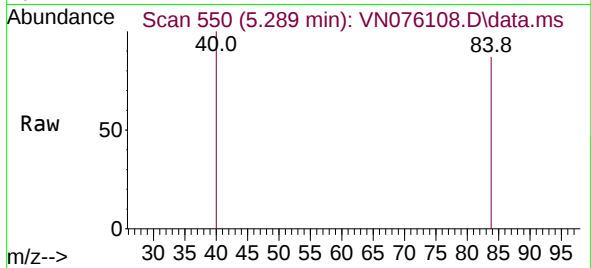




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

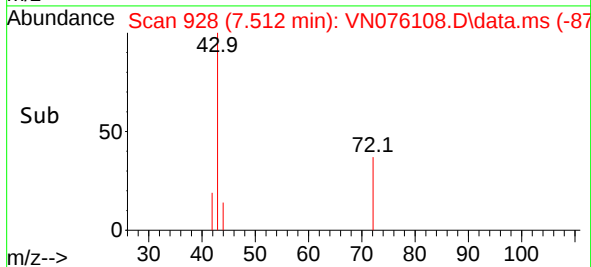
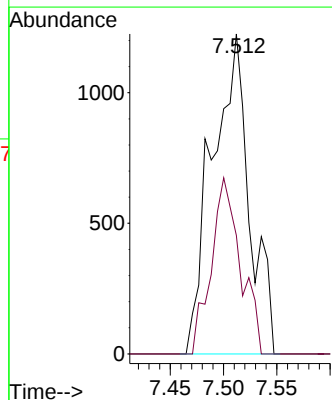
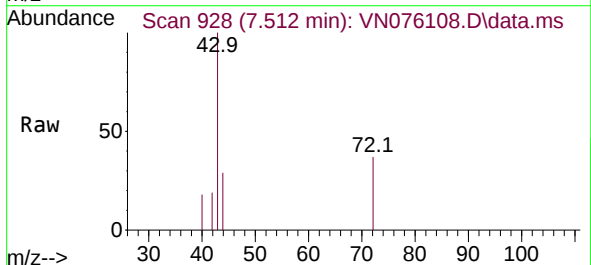
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-289-310-010423

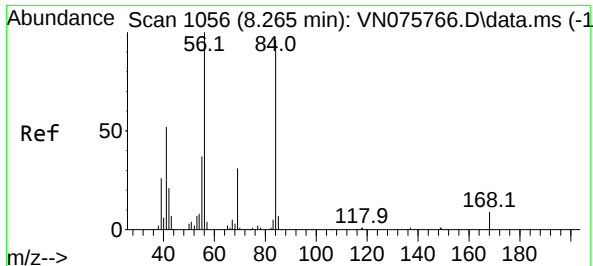
Tgt Ion:	84	Resp:	149
Ion	Ratio	Lower	Upper
84	100		
49	0.0	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#



#25
2-Butanone
Concen: 1.693 ug/l
RT: 7.512 min Scan# 928
Delta R.T. 0.023 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

Tgt Ion:	43	Resp:	2971
Ion	Ratio	Lower	Upper
43	100		
72	37.1	28.0	42.0

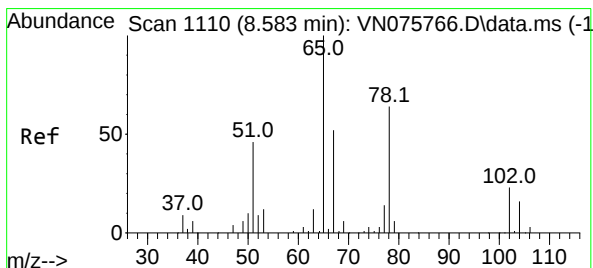
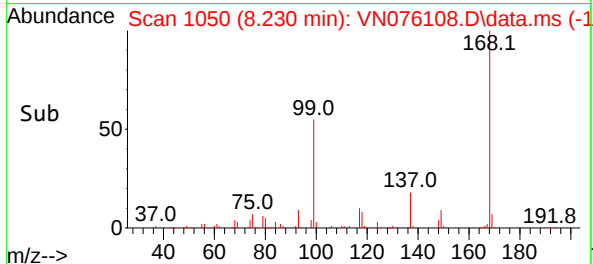
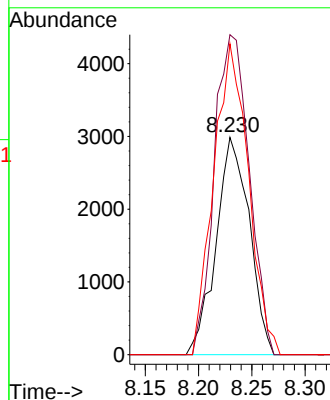
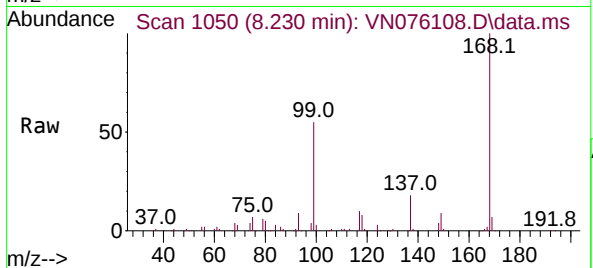




#31
Cyclohexane
Concen: 1.245 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

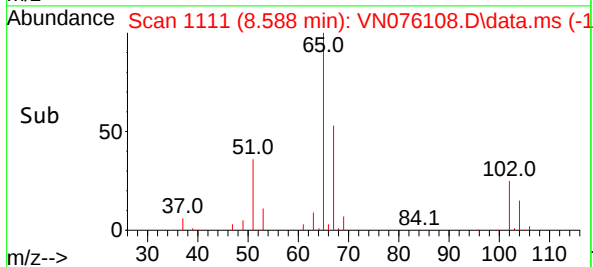
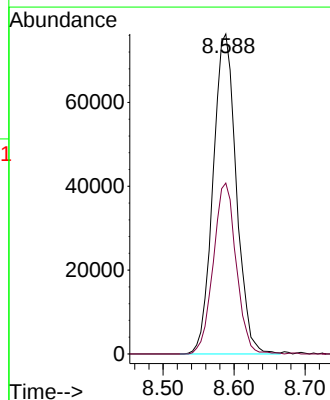
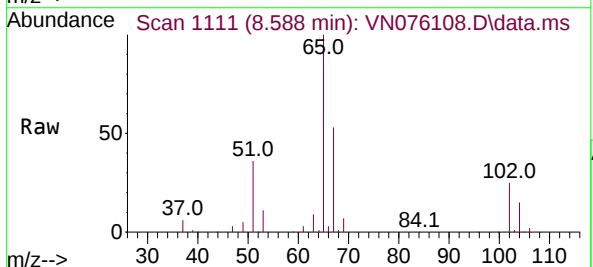
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-289-310-010423

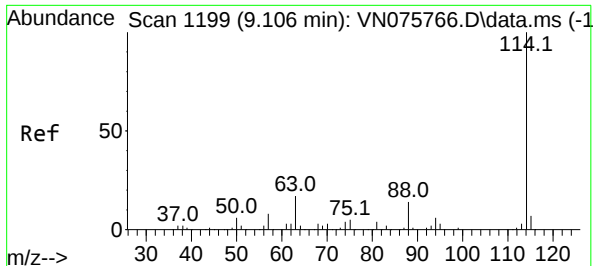
Tgt Ion: 56 Resp: 6484
Ion Ratio Lower Upper
56 100
69 147.3 24.7 37.1#
84 143.1 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 47.635 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

Tgt Ion: 65 Resp: 173209
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076108.D

Acq: 05 Jan 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-289-310-010423

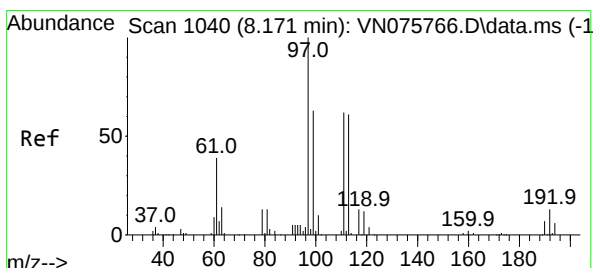
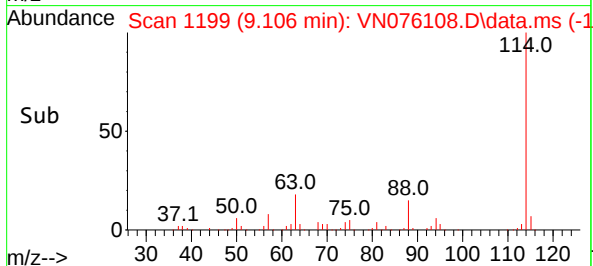
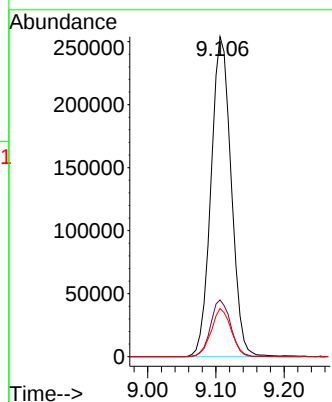
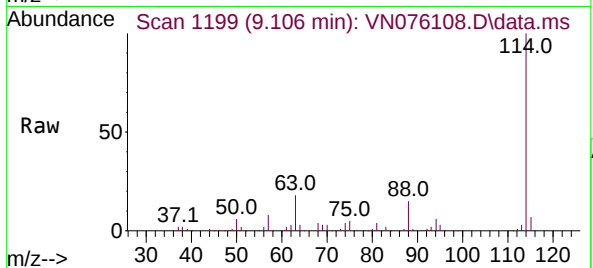
Tgt Ion:114 Resp: 523318

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.194 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076108.D

Acq: 05 Jan 2023 14:03

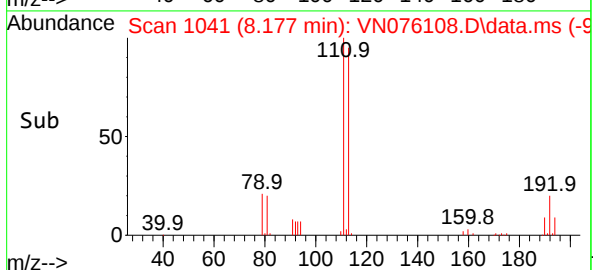
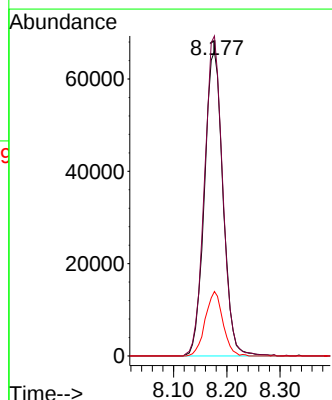
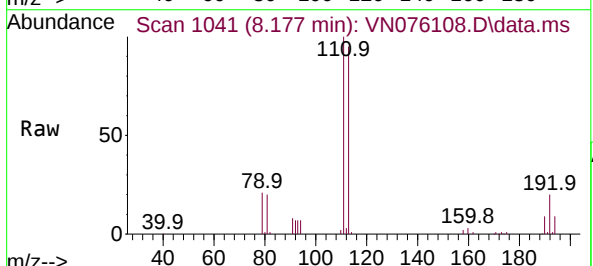
Tgt Ion:113 Resp: 159428

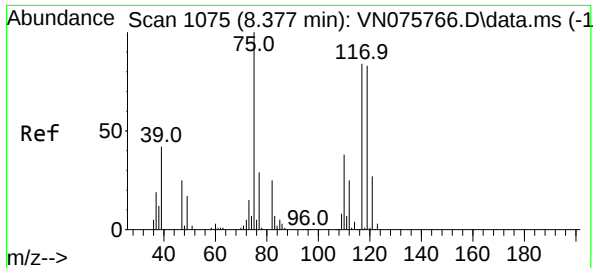
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 20.2 16.1 24.1

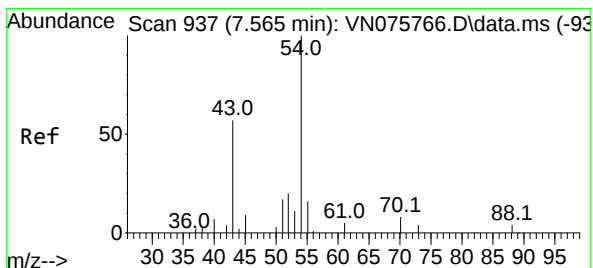
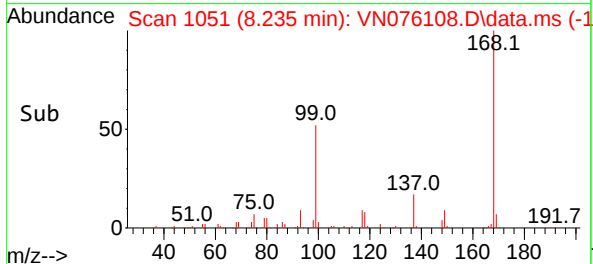
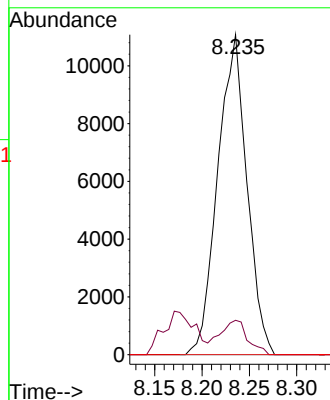
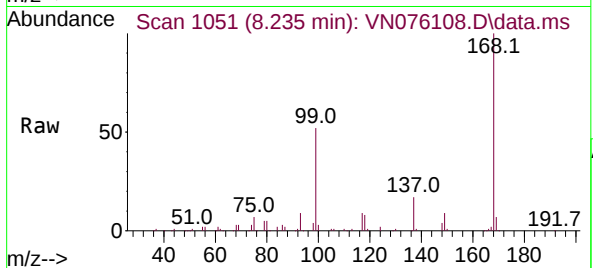




#36
1,1-Dichloropropene
Concen: 5.504 ug/l
RT: 8.235 min Scan# 1075
Delta R.T. -0.141 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

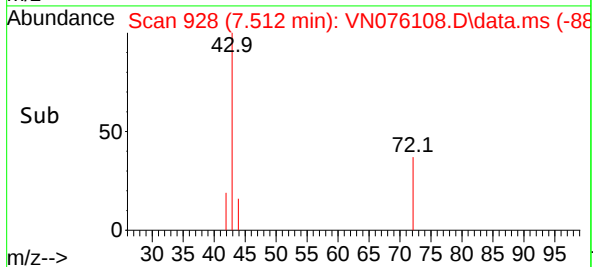
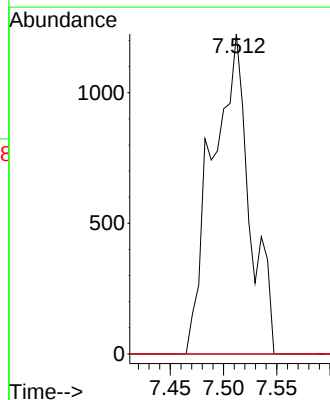
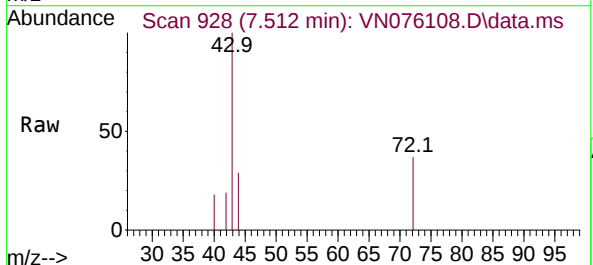
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ClientSampleId : GWOW-BR-04-289-310-010423

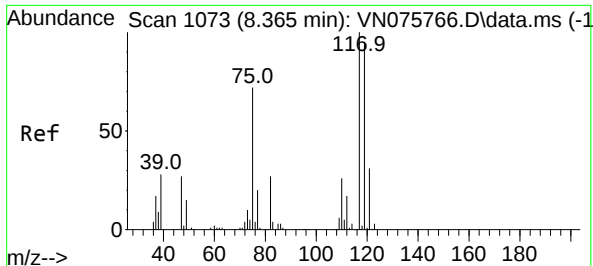
Tgt Ion: 75 Resp: 23695
Ion Ratio Lower Upper
75 100
110 10.3 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 0.859 ug/l
RT: 7.512 min Scan# 928
Delta R.T. -0.053 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

Tgt Ion: 43 Resp: 2971
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.4 14.0#

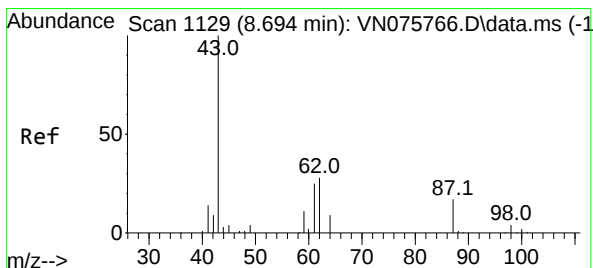
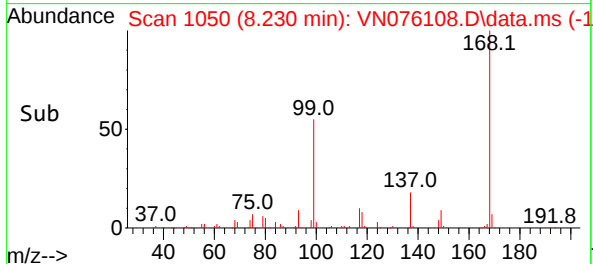
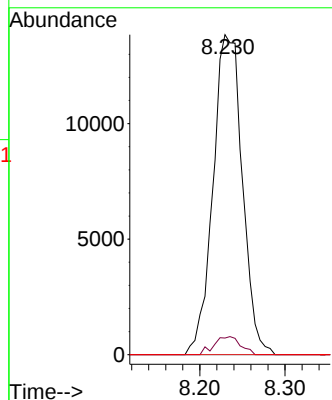
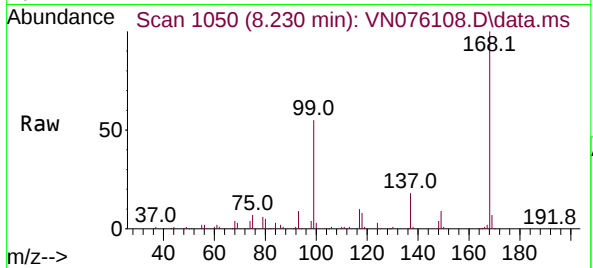




#38
Carbon Tetrachloride
Concen: 6.868 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.135 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

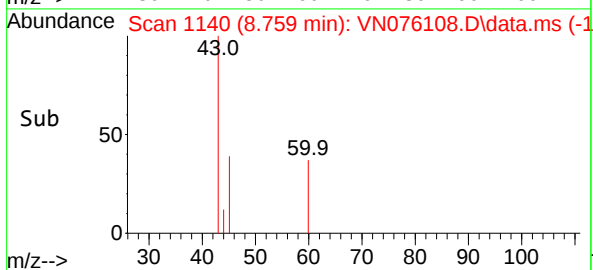
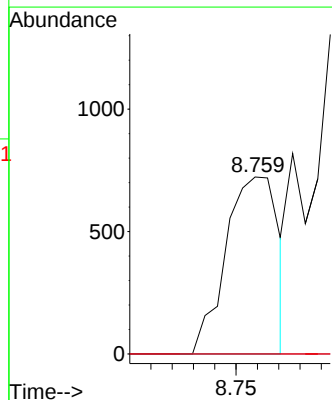
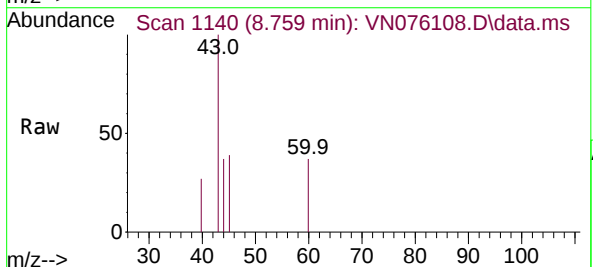
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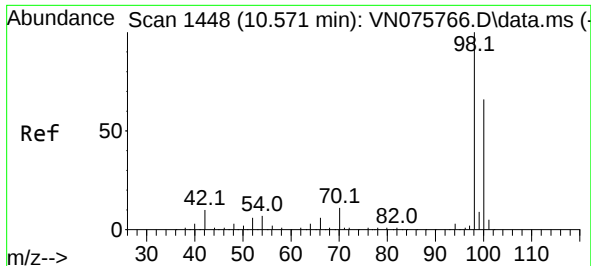
Tgt Ion:117 Resp: 33092
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.217 ug/l
RT: 8.759 min Scan# 1140
Delta R.T. 0.065 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

Tgt Ion: 43 Resp: 1236
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

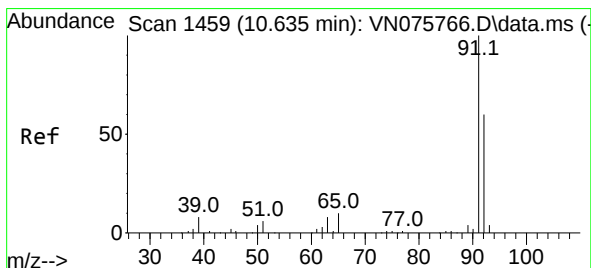
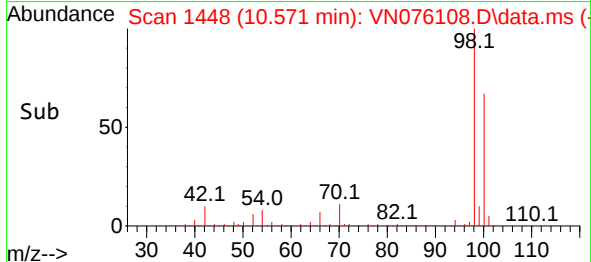
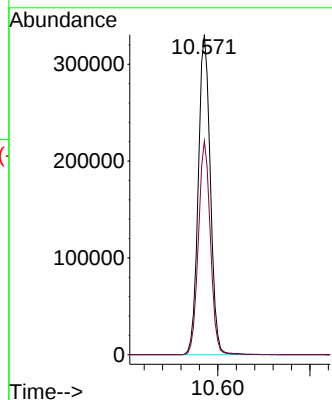
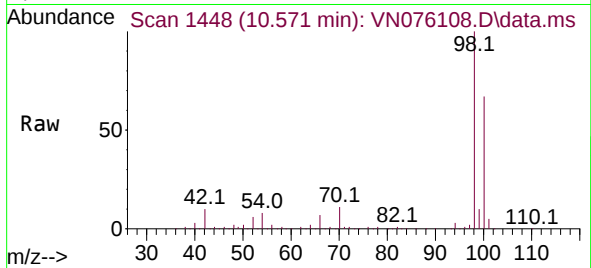




#50
Toluene-d8
Concen: 49.478 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

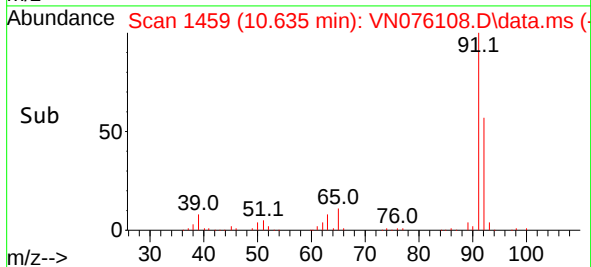
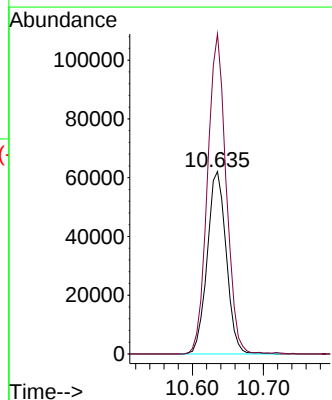
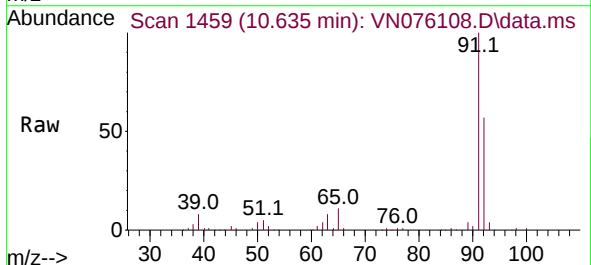
Instrument :
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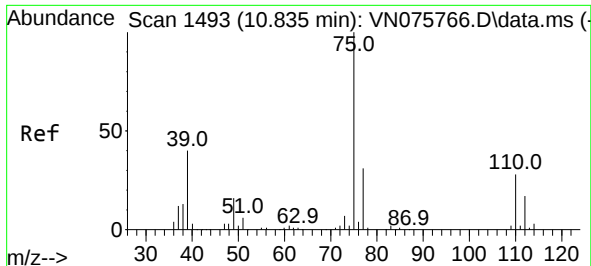
Tgt Ion: 98 Resp: 599526
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1



#52
Toluene
Concen: 13.350 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

Tgt Ion: 92 Resp: 115487
Ion Ratio Lower Upper
92 100
91 171.9 137.3 205.9

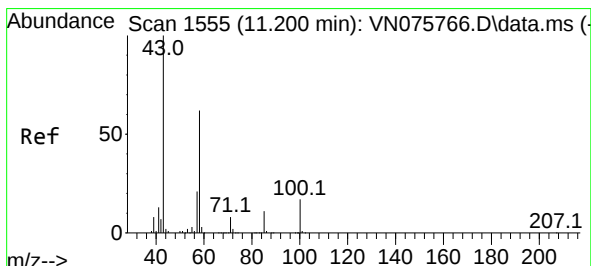
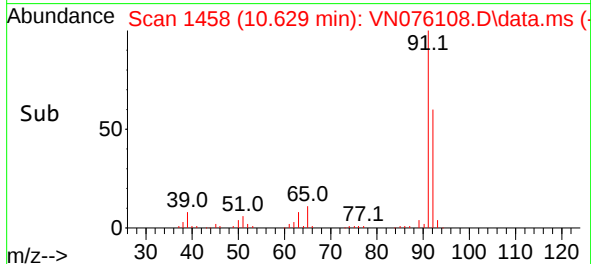
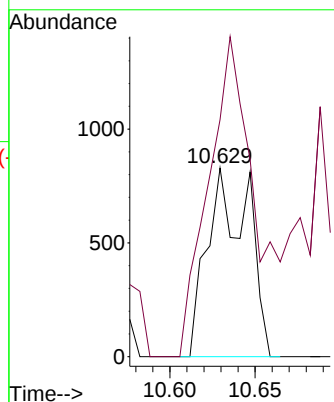
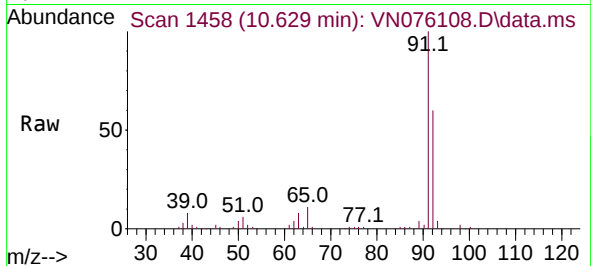




#53
t-1,3-Dichloropropene
Concen: 0.296 ug/l
RT: 10.629 min Scan# 1493
Delta R.T. -0.206 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

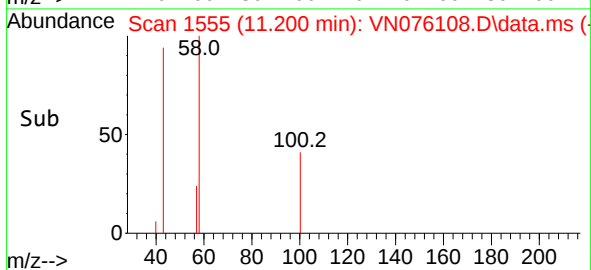
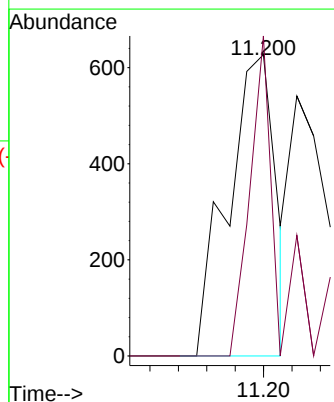
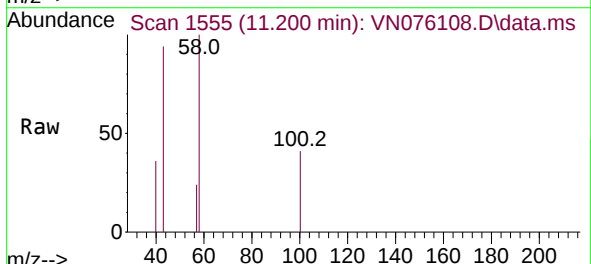
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-289-310-010423

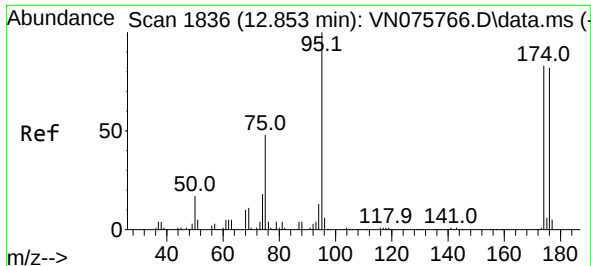
Tgt Ion: 75 Resp: 1364
Ion Ratio Lower Upper
75 100
77 125.6 24.9 37.3#



#59
2-Hexanone
Concen: 0.292 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 65.1 30.6 92.0

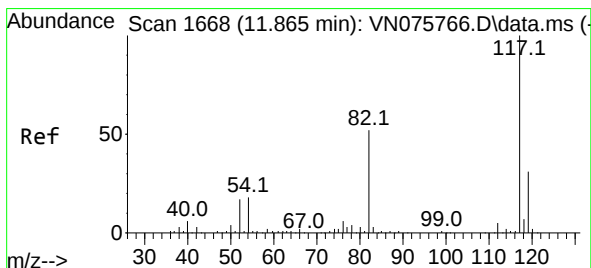
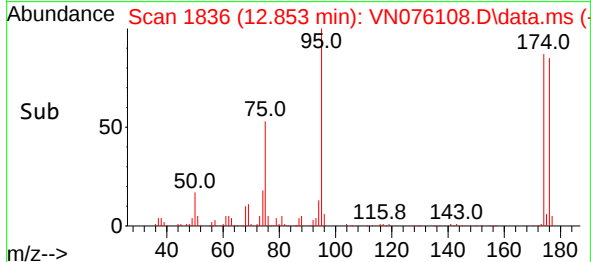
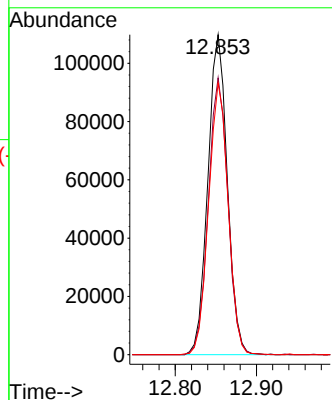
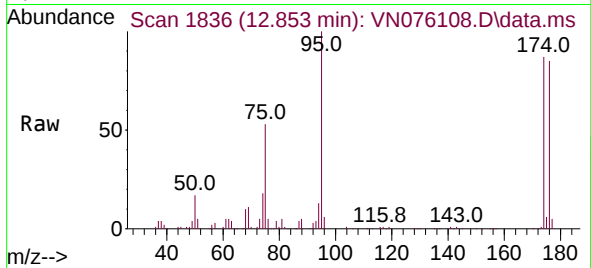




#62
4-Bromofluorobenzene
Concen: 45.559 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

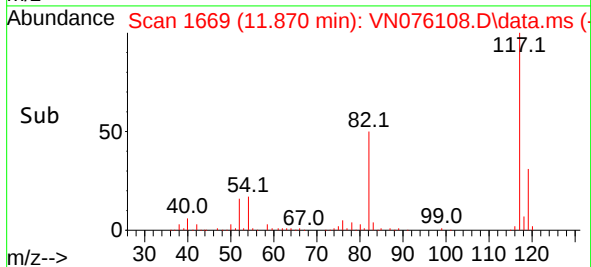
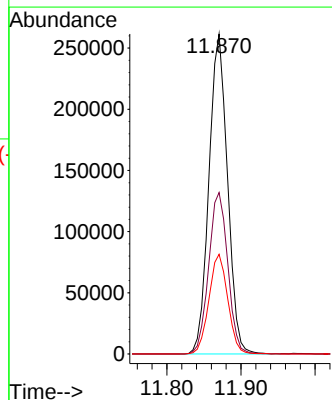
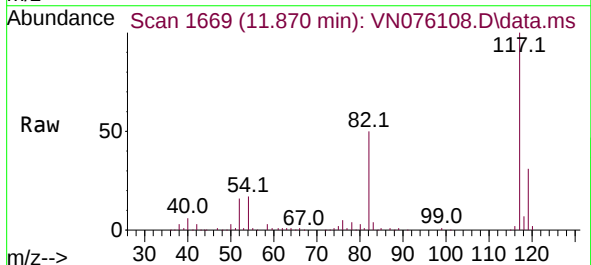
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-289-310-010423

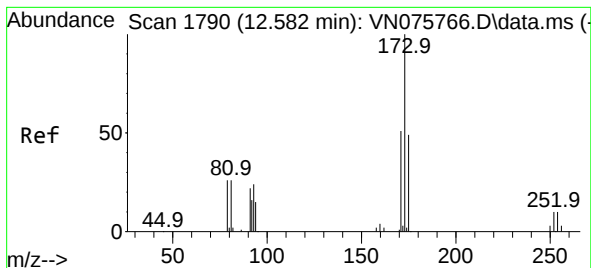
Tgt Ion: 95 Resp: 182843
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 85.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

Tgt Ion: 117 Resp: 454142
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 31.1 24.6 37.0





#71

Bromoform

Concen: 0.565 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.270 min

Lab File: VN076108.D

Acq: 05 Jan 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-289-310-010423

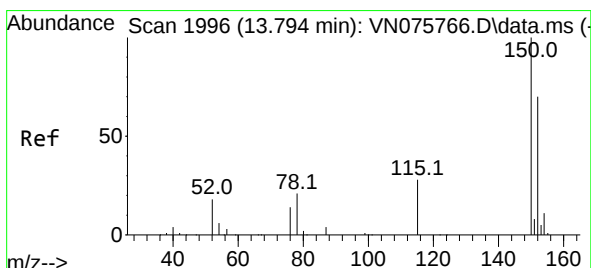
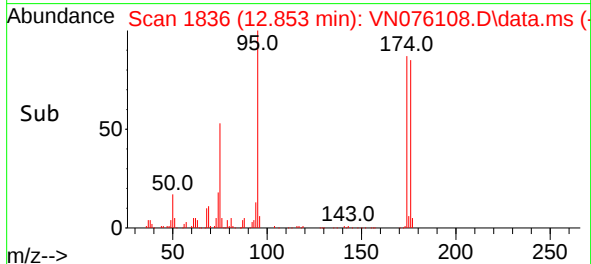
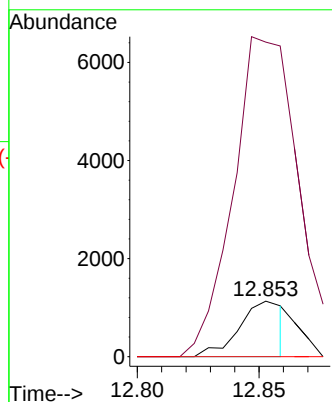
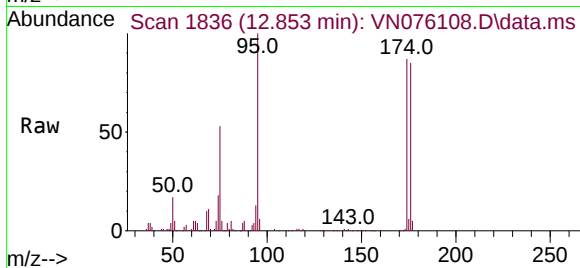
Tgt Ion:173 Resp: 1419

Ion Ratio Lower Upper

173 100

175 656.6 24.3 72.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076108.D

Acq: 05 Jan 2023 14:03

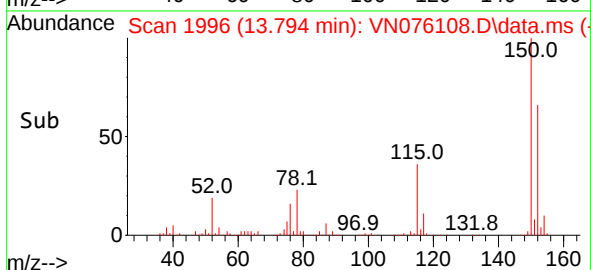
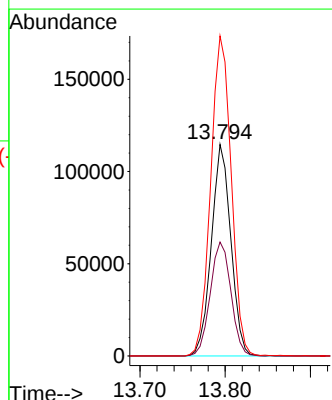
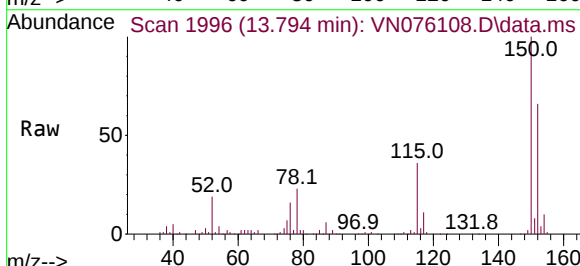
Tgt Ion:152 Resp: 182129

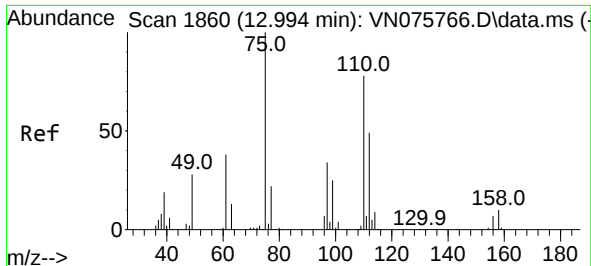
Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.4

150 159.2 0.0 347.0

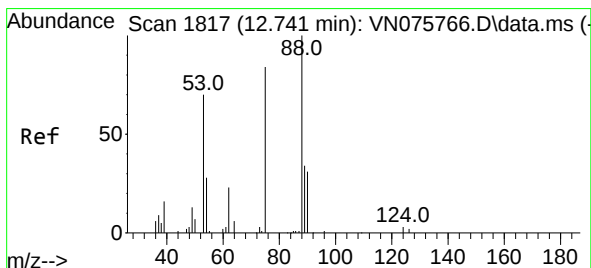
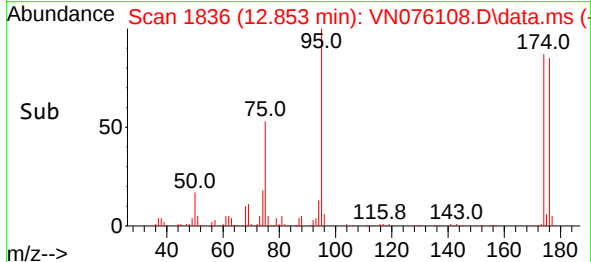
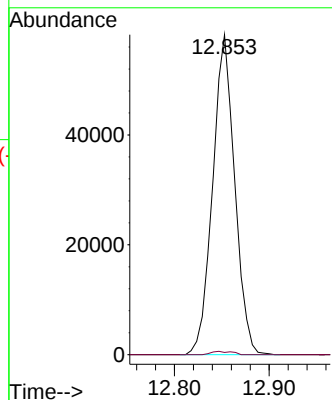
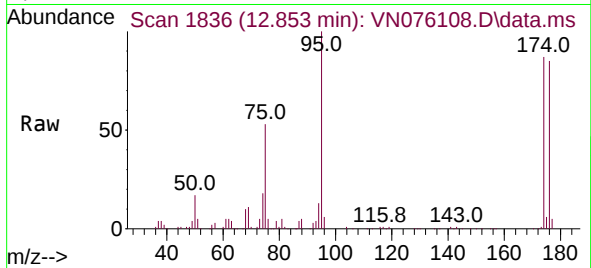




#76
1,2,3-Trichloropropane
Concen: 25.642 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

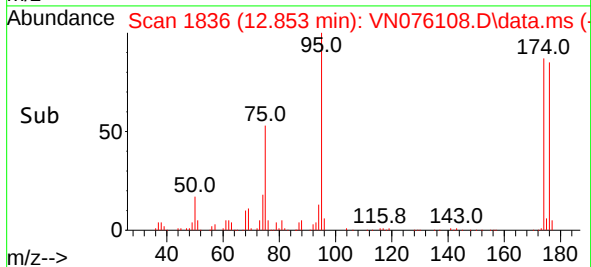
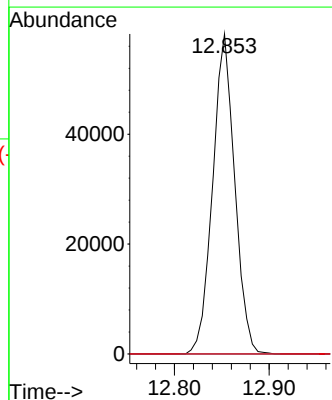
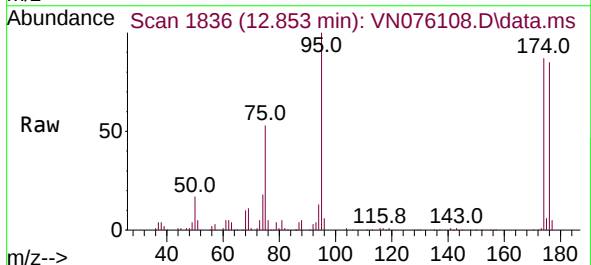
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-289-310-010423

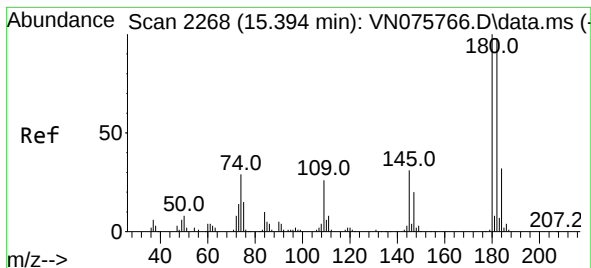
Tgt Ion: 75 Resp: 94138
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.298 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076108.D
Acq: 05 Jan 2023 14:03

Tgt Ion: 75 Resp: 94138
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.303 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076108.D

Acq: 05 Jan 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-289-310-010423

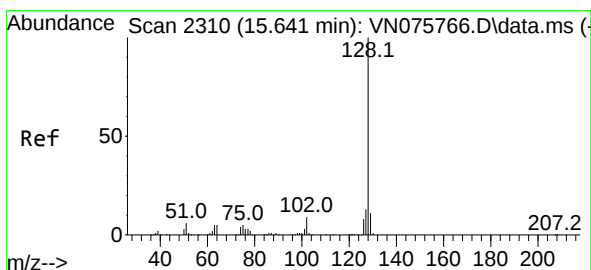
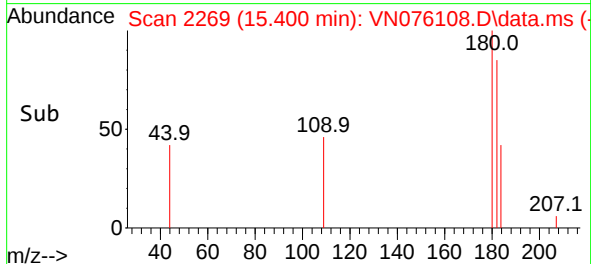
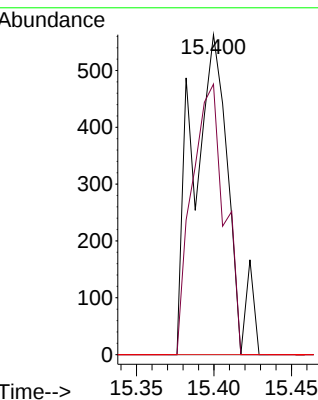
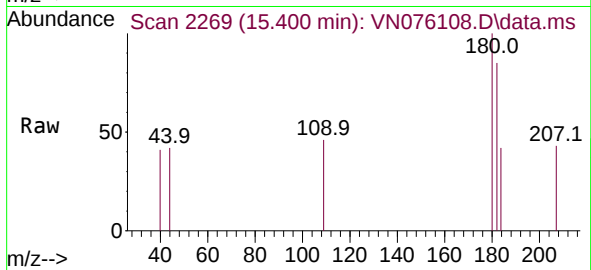
Tgt Ion:180 Resp: 909

Ion Ratio Lower Upper

180 100

182 76.3 47.5 142.5

145 0.0 15.3 45.8#



#95

Naphthalene

Concen: 2.551 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076108.D

Acq: 05 Jan 2023 14:03

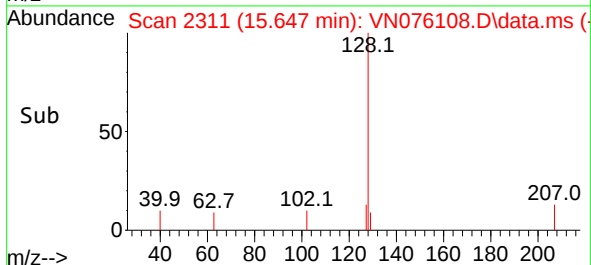
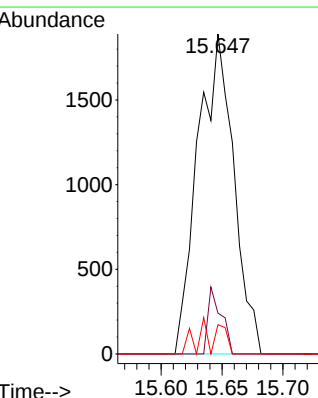
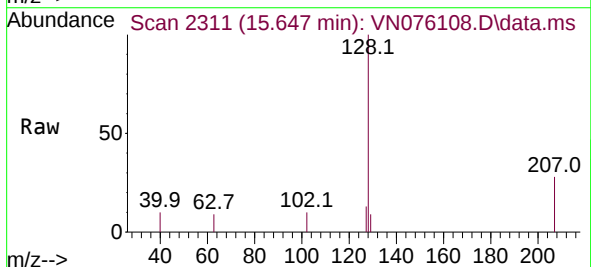
Tgt Ion:128 Resp: 3874

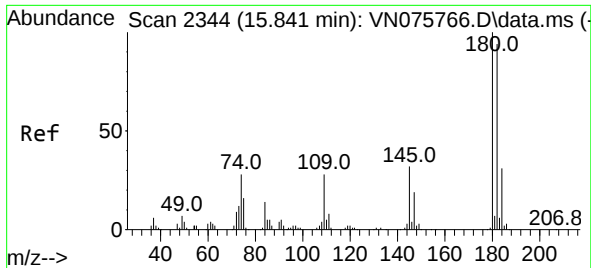
Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

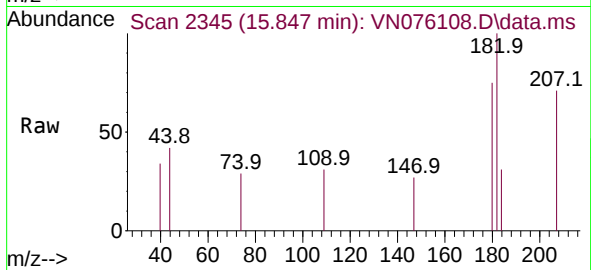
129 3.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.298 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076108.D
 Acq: 05 Jan 2023 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-289-310-010423



Tgt Ion:180 Resp: 837
 Ion Ratio Lower Upper
 180 100
 182 100.2 47.0 141.0
 145 6.9 16.0 47.9#

