

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075921.D
 Acq On : 21 Dec 2022 15:53
 Operator : JC\MD
 Sample : N6164-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-165-186-122022

Quant Time: Dec 22 03:02:57 2022
 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)

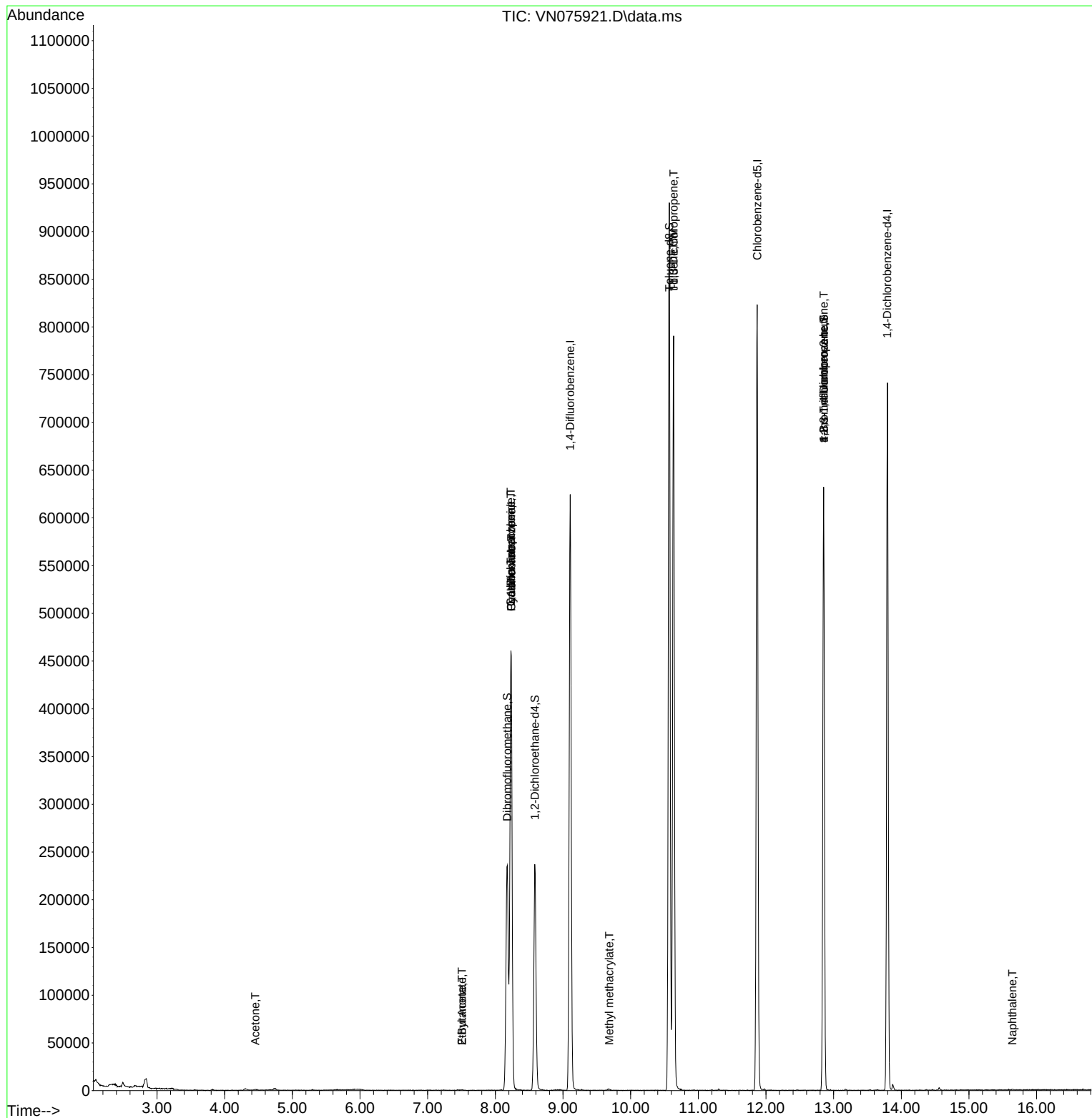
Internal Standards						
1) Pentafluorobenzene	8.236	168	367851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	580659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	504007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185089	46.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.500%		
35) Dibromofluoromethane	8.177	113	170283	47.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	10.571	98	661999	49.238	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.480%		
62) 4-Bromofluorobenzene	12.853	95	208542	46.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.660%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	817	0.592	ug/l #	39
20) Methylene Chloride	5.306	84	247	Below Cal	#	53
25) 2-Butanone	7.506	43	849	0.440	ug/l #	74
31) Cyclohexane	8.236	56	7160	1.249	ug/l #	16
36) 1,1-Dichloropropene	8.230	75	26016	5.446	ug/l #	50
37) Ethyl Acetate	7.506	43	849	0.221	ug/l #	65
38) Carbon Tetrachloride	8.230	117	35276	6.598	ug/l #	16
48) Methyl methacrylate	9.683	41	898	0.315	ug/l #	56
52) Toluene	10.635	92	363347	37.854	ug/l	99
53) t-1,3-Dichloropropene	10.635	75	4267	0.836	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	105356	24.878	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105356	89.550	ug/l #	12
95) Naphthalene	15.641	128	588	2.227	ug/l #	69

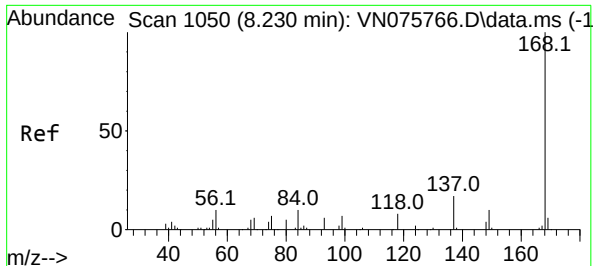
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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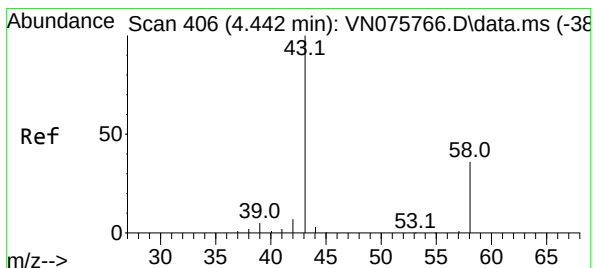
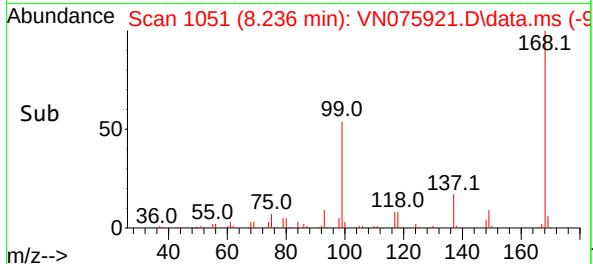
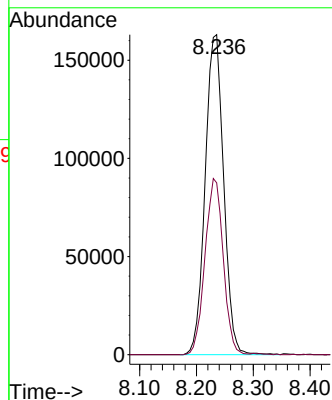
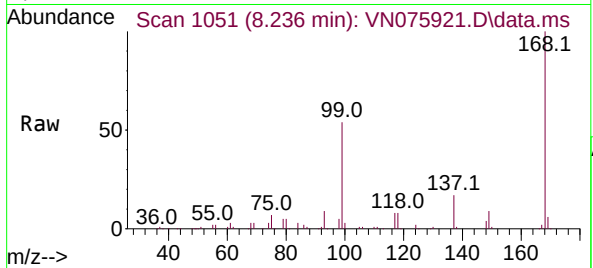




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

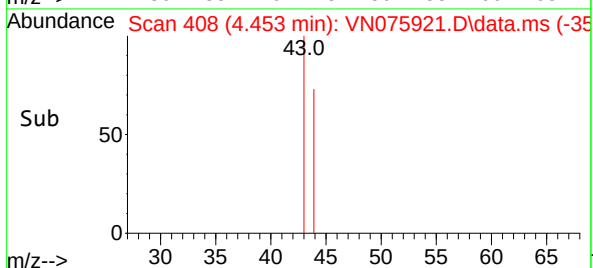
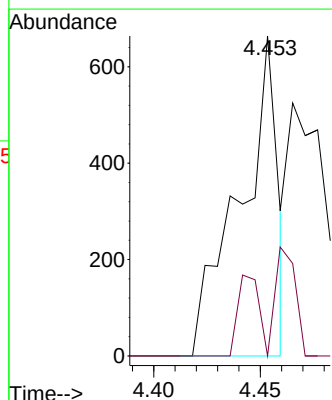
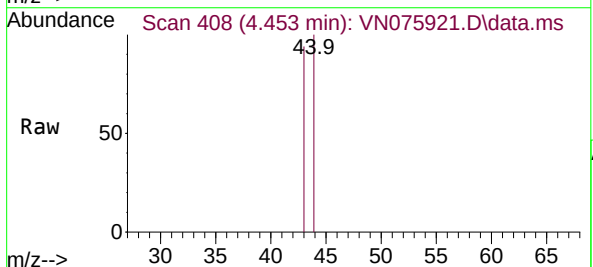
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-165-186-122022

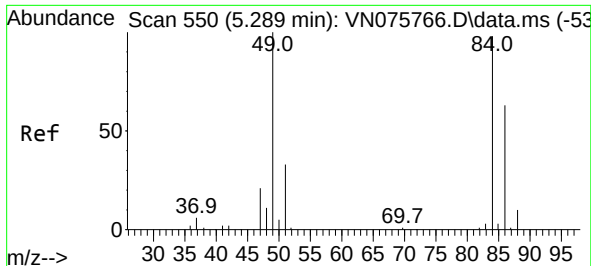
Tgt Ion:168 Resp: 367851
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#16
Acetone
Concen: 0.592 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.306 min Scan# 51

Delta R.T. 0.017 min

Lab File: VN075921.D

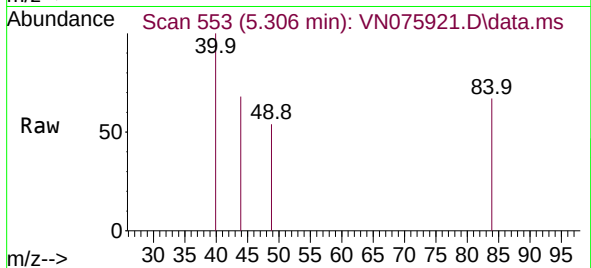
Acq: 21 Dec 2022 15:53

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-165-186-122022



Tgt Ion: 84 Resp: 247

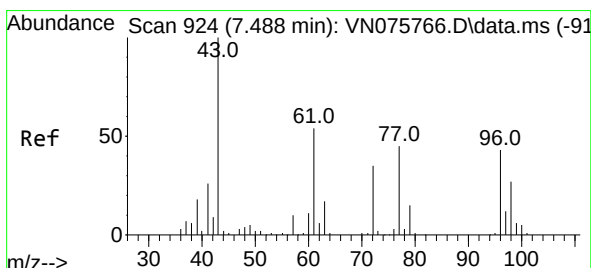
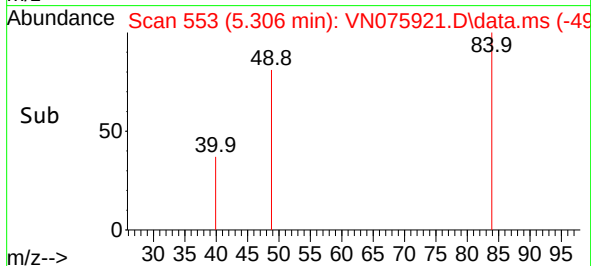
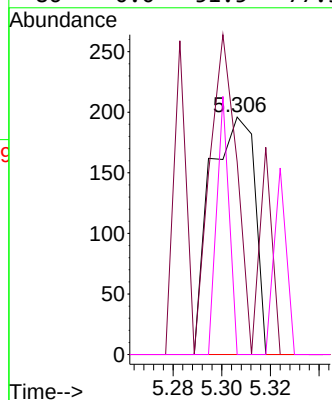
Ion Ratio Lower Upper

84 100

49 81.1 81.8 122.6#

51 0.0 26.7 40.1#

86 0.0 51.5 77.3#



#25

2-Butanone

Concen: 0.440 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.018 min

Lab File: VN075921.D

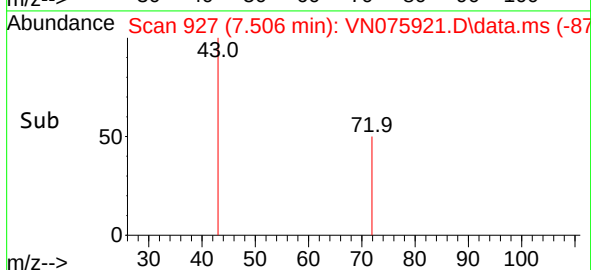
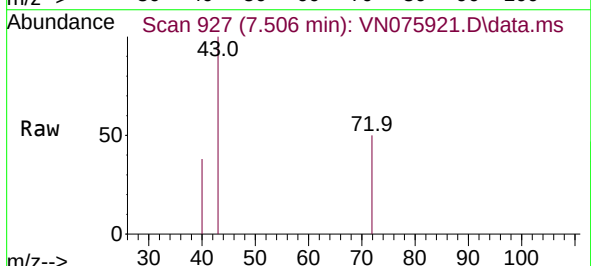
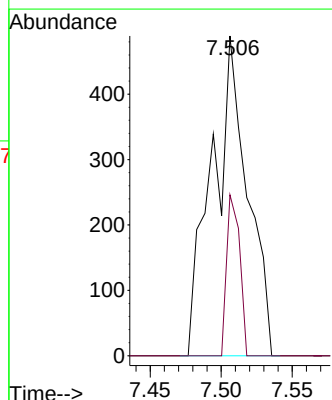
Acq: 21 Dec 2022 15:53

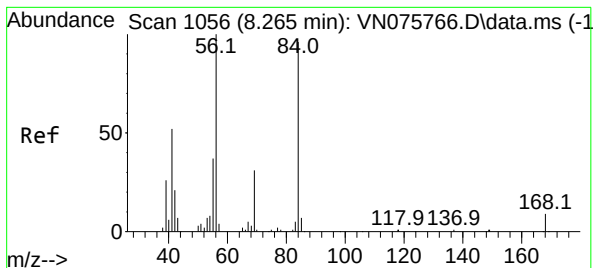
Tgt Ion: 43 Resp: 849

Ion Ratio Lower Upper

43 100

72 50.3 28.0 42.0#





#31

Cyclohexane

Concen: 1.249 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.029 min

Lab File: VN075921.D

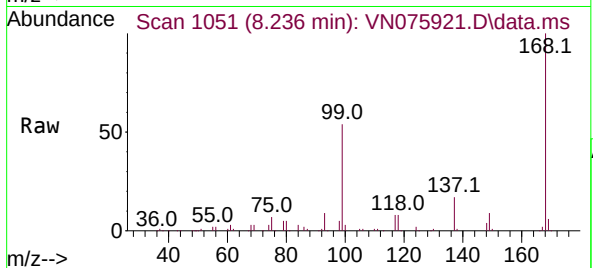
Acq: 21 Dec 2022 15:53

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-165-186-122022



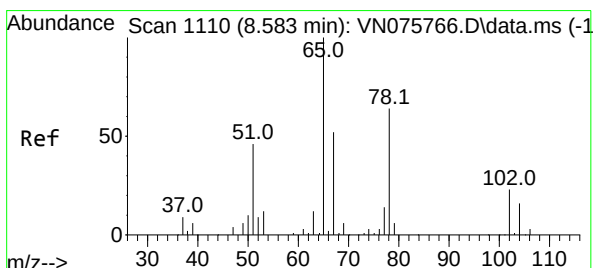
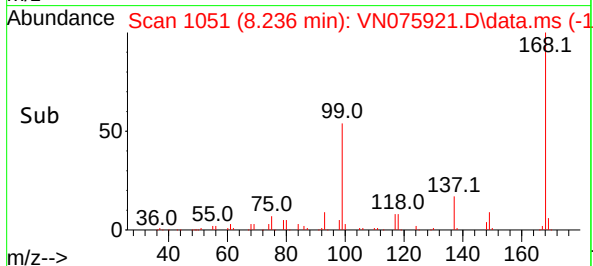
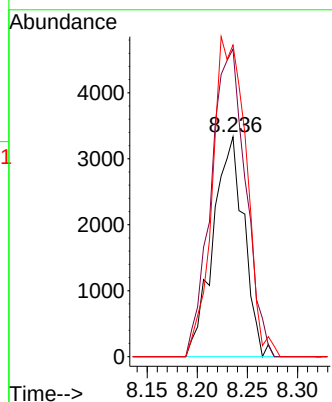
Tgt Ion: 56 Resp: 7160

Ion Ratio Lower Upper

56 100

69 139.8 24.7 37.1#

84 141.7 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 46.251 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075921.D

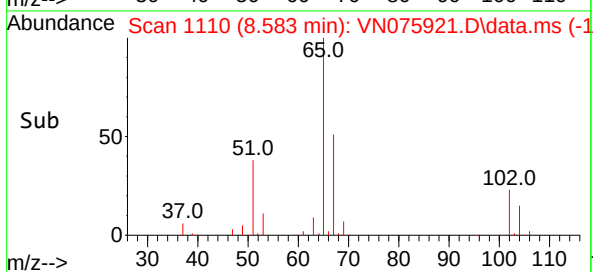
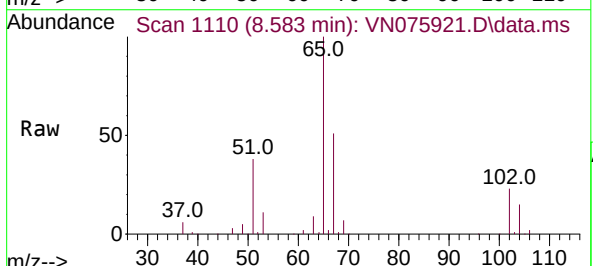
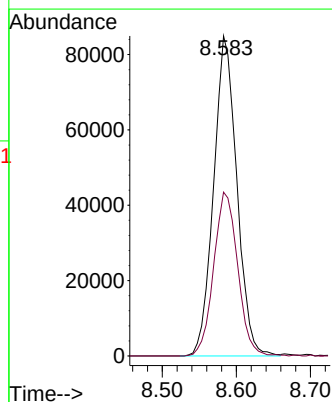
Acq: 21 Dec 2022 15:53

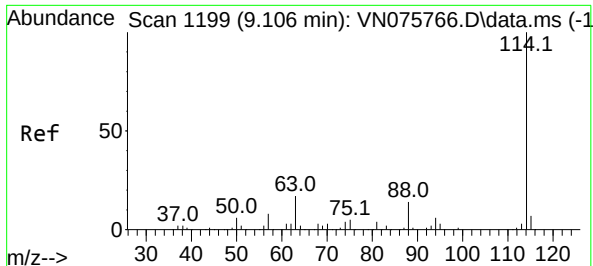
Tgt Ion: 65 Resp: 185089

Ion Ratio Lower Upper

65 100

67 52.9 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: VN075921.D

Acq: 21 Dec 2022 15:53

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-165-186-122022

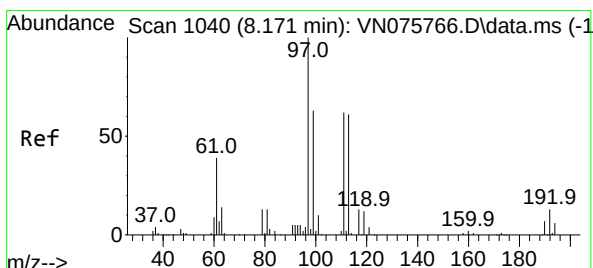
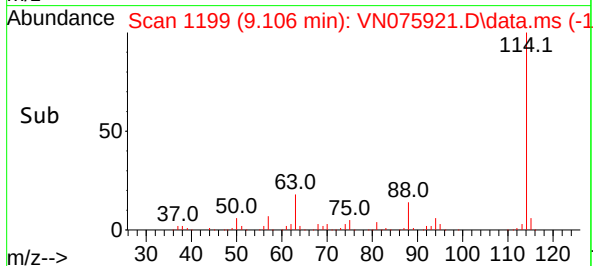
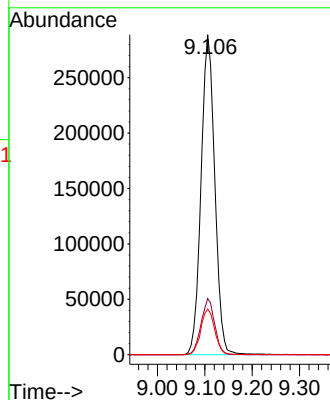
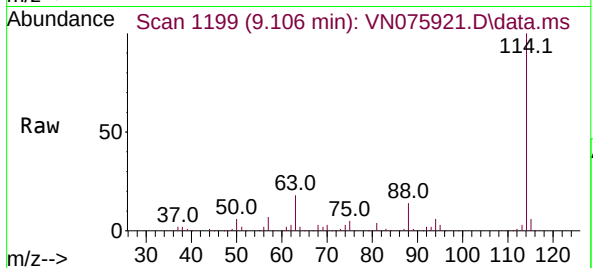
Tgt Ion:114 Resp: 580659

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.354 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075921.D

Acq: 21 Dec 2022 15:53

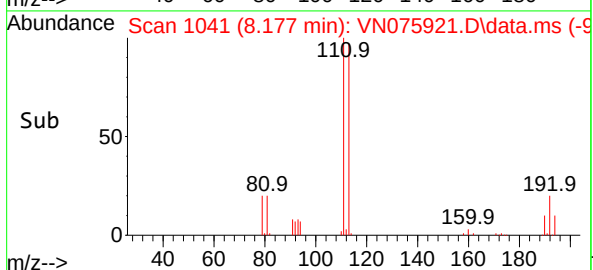
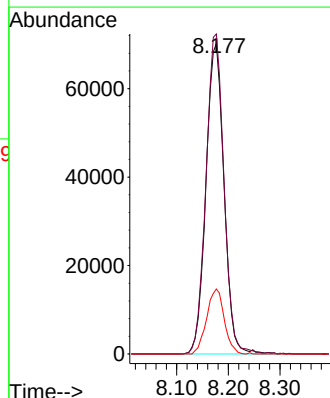
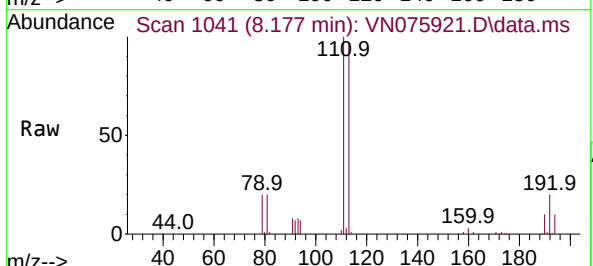
Tgt Ion:113 Resp: 170283

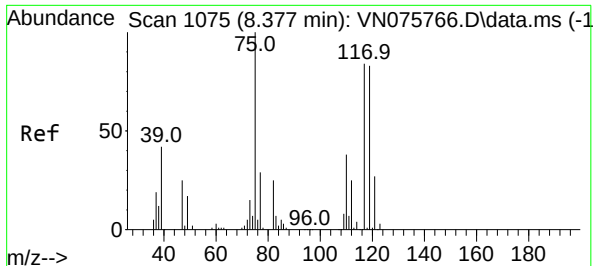
Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 20.4 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.446 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN075921.D

Acq: 21 Dec 2022 15:53

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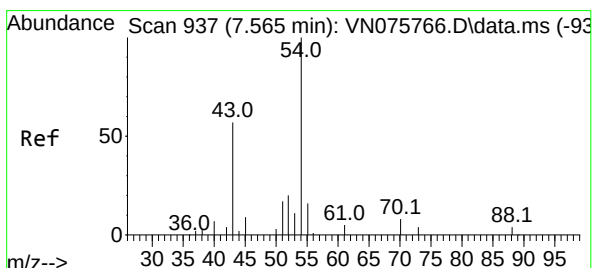
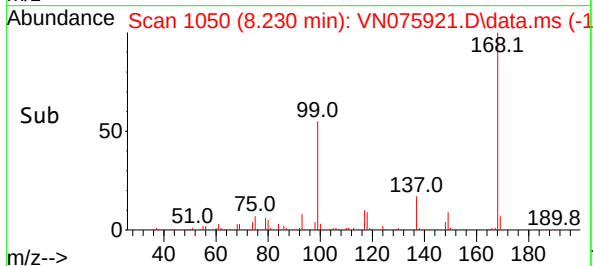
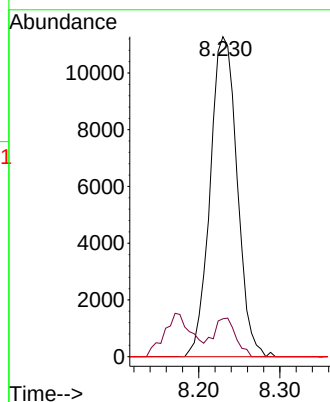
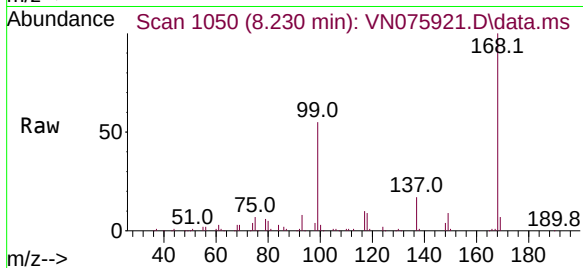
Tgt Ion: 75 Resp: 26016

Ion Ratio Lower Upper

75 100

110 10.1 18.8 56.4#

77 0.0 24.1 36.1#



#37

Ethyl Acetate

Concen: 0.221 ug/l

RT: 7.506 min Scan# 927

Delta R.T. -0.059 min

Lab File: VN075921.D

Acq: 21 Dec 2022 15:53

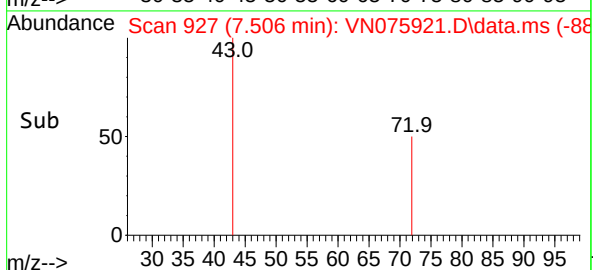
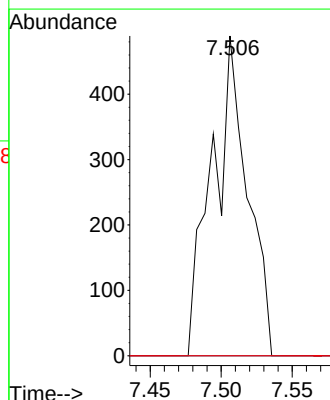
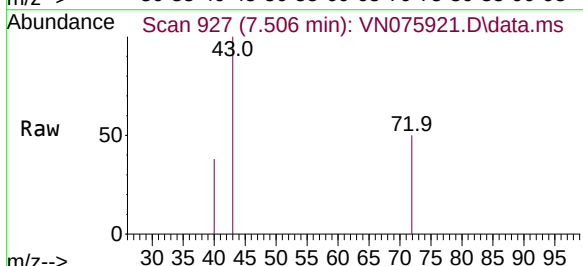
Tgt Ion: 43 Resp: 849

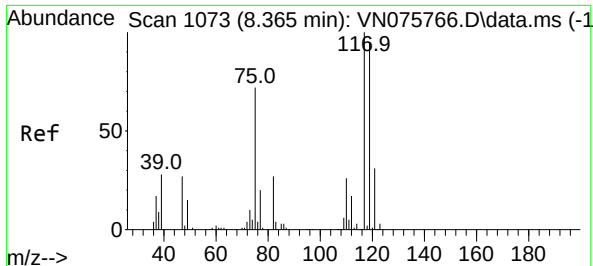
Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

70 0.0 9.4 14.0#

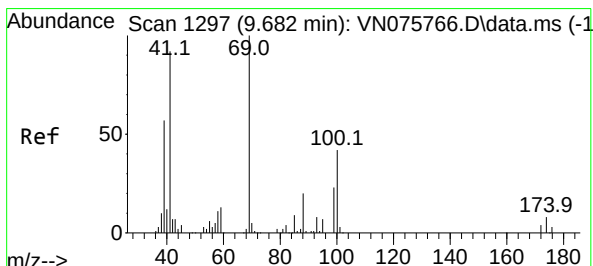
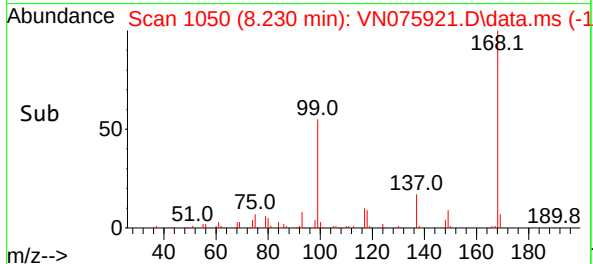
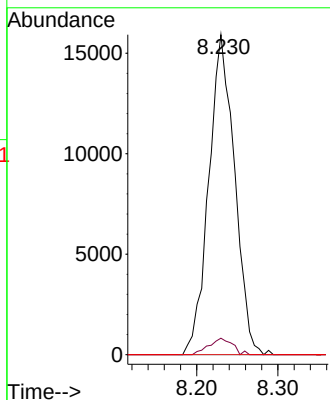
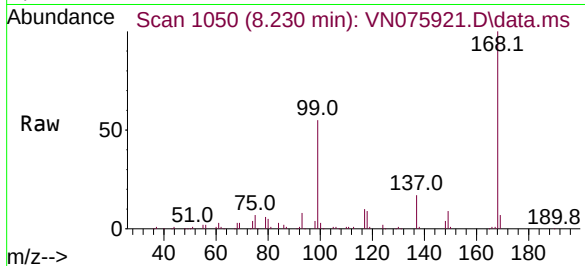




#38
Carbon Tetrachloride
Concen: 6.598 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

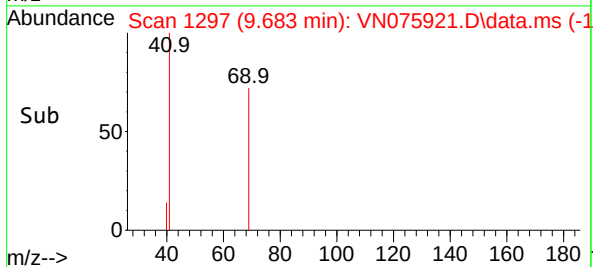
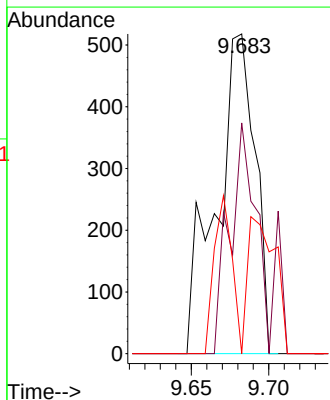
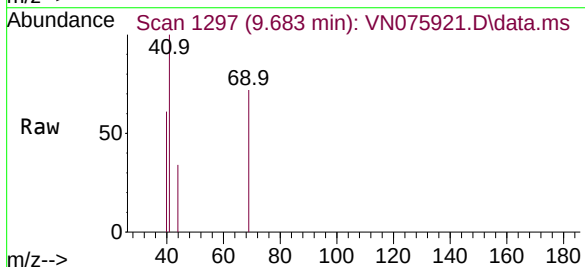
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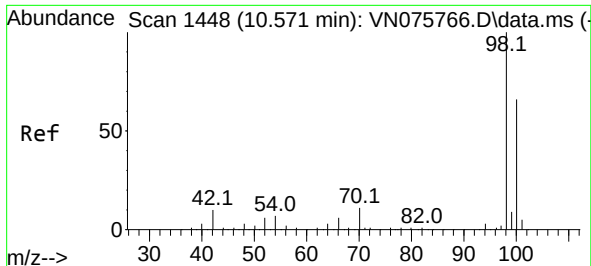
Tgt Ion:117 Resp: 35276
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 0.315 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

Tgt Ion: 41 Resp: 898
Ion Ratio Lower Upper
41 100
69 57.6 81.9 122.9#
39 30.2 51.6 77.4#

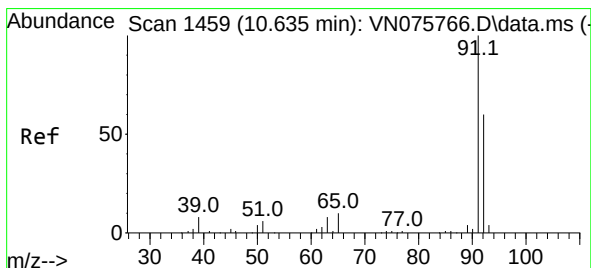
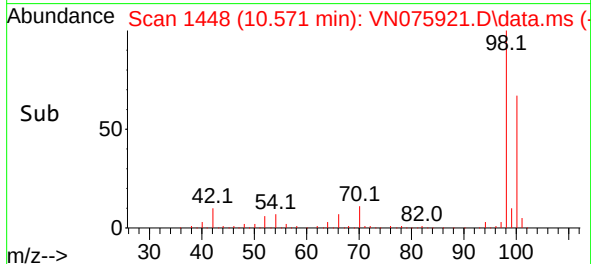
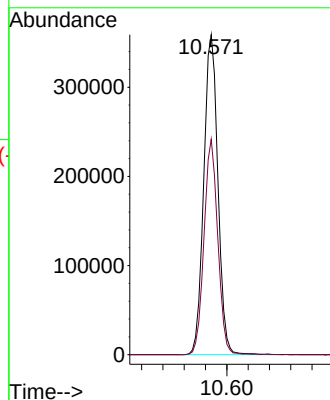
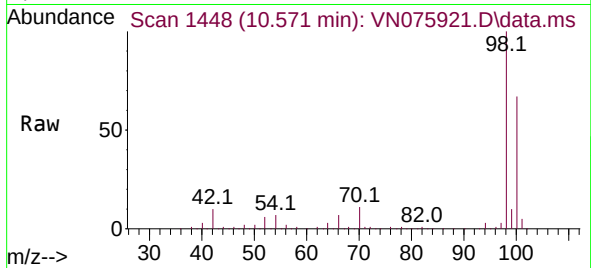




#50
Toluene-d8
Concen: 49.238 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

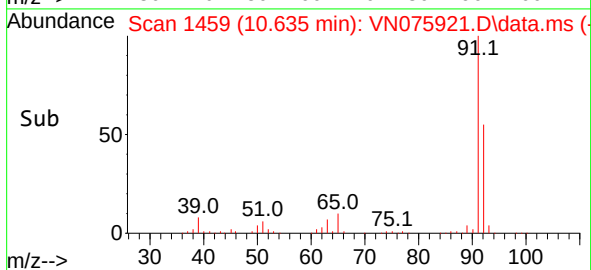
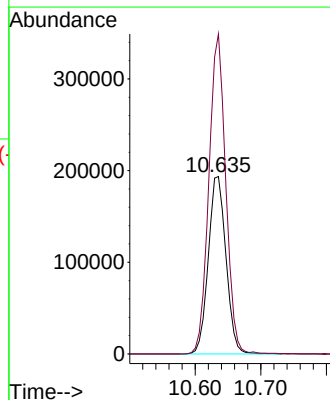
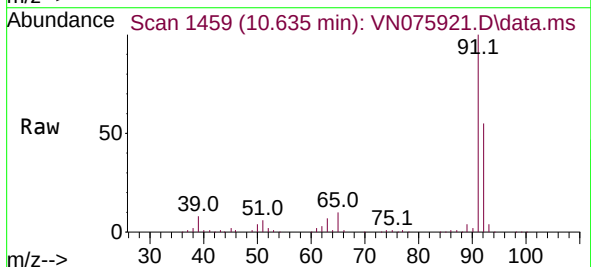
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-165-186-122022

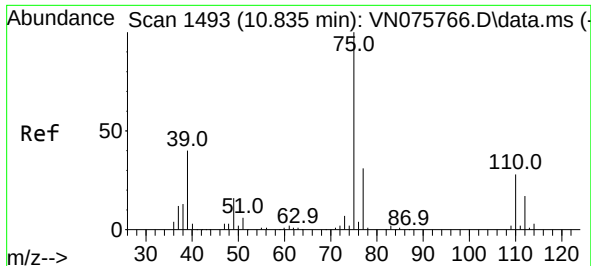
Tgt Ion: 98 Resp: 661999
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#52
Toluene
Concen: 37.854 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

Tgt Ion: 92 Resp: 363347
Ion Ratio Lower Upper
92 100
91 172.5 137.3 205.9

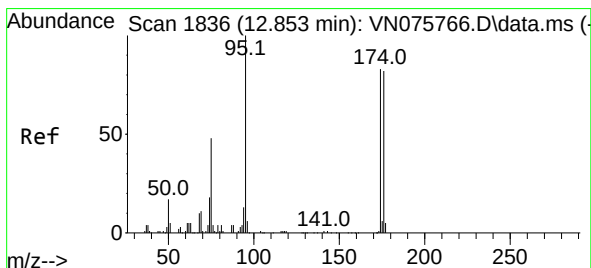
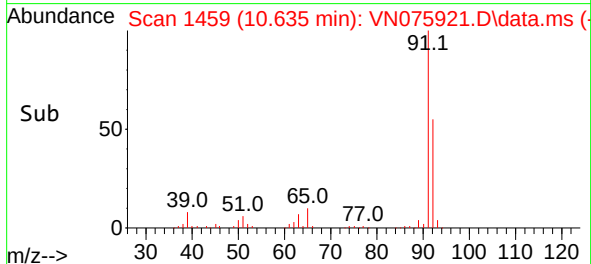
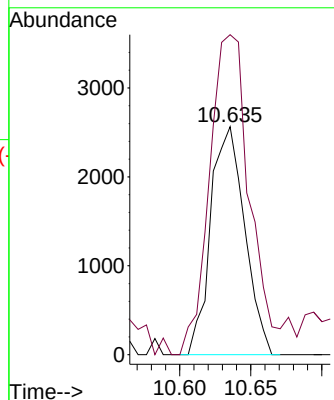
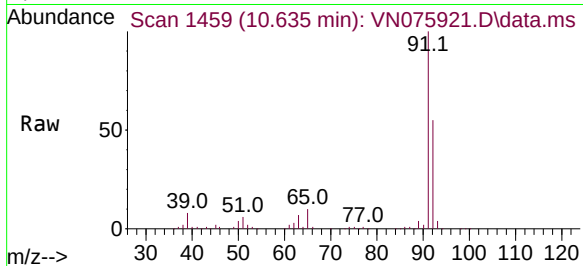




#53
t-1,3-Dichloropropene
Concen: 0.836 ug/l
RT: 10.635 min Scan# 1493
Delta R.T. -0.200 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

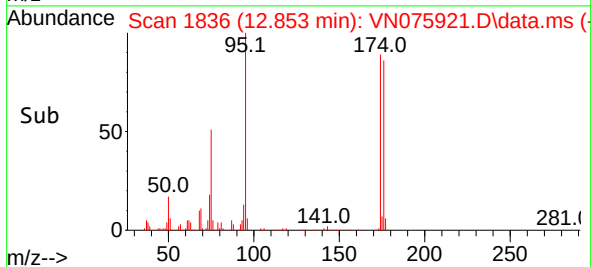
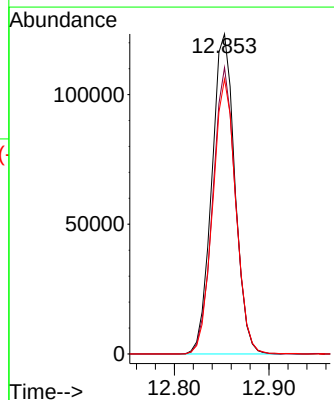
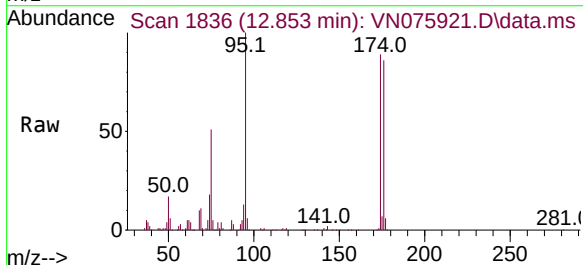
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-165-186-122022

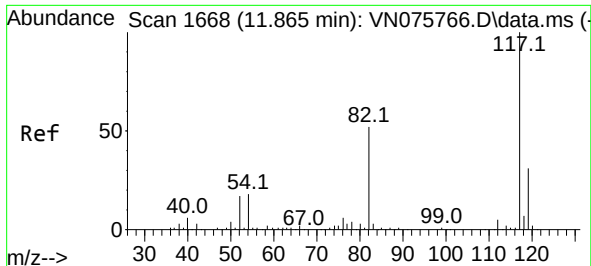
Tgt Ion: 75 Resp: 4267
Ion Ratio Lower Upper
75 100
77 140.4 24.9 37.3#



#62
4-Bromofluorobenzene
Concen: 46.831 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

Tgt Ion: 95 Resp: 208542
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.6
176 86.1 0.0 169.2

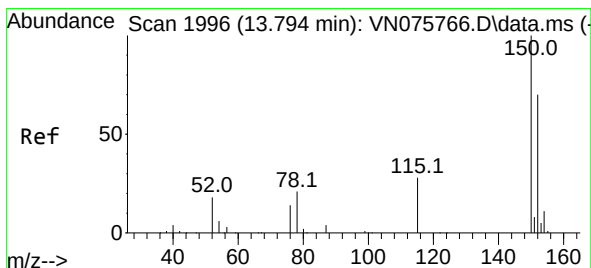
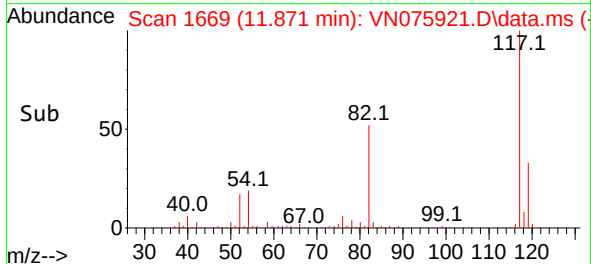
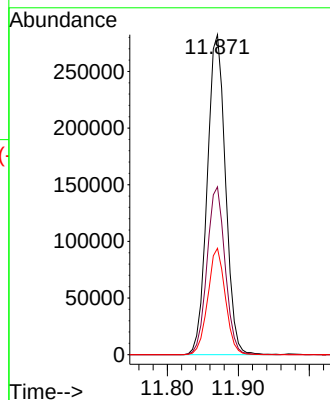
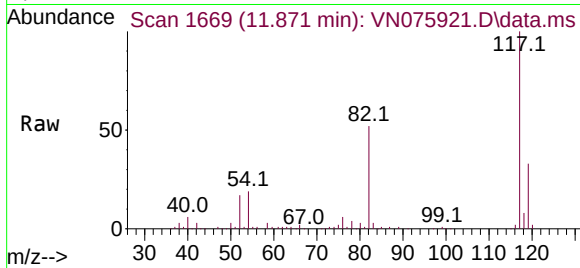




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

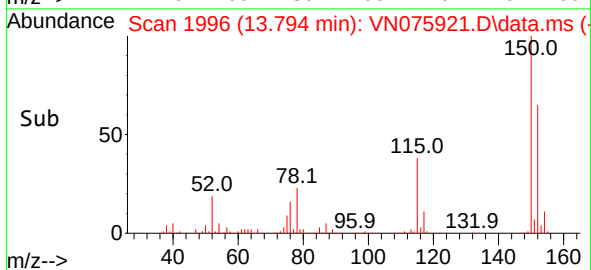
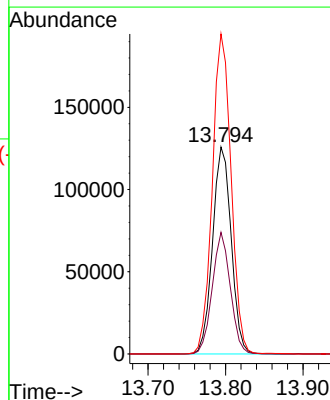
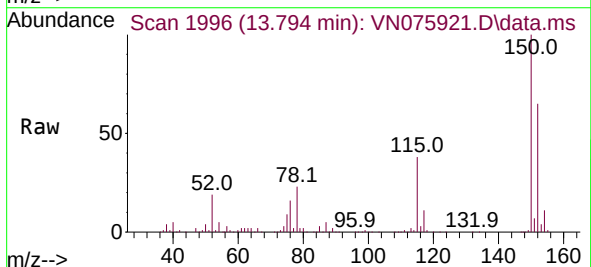
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-165-186-122022

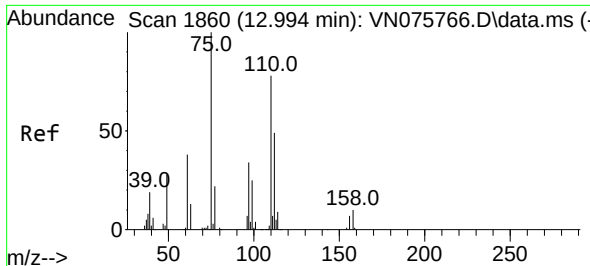
Tgt Ion:117 Resp: 504007
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 33.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

Tgt Ion:152 Resp: 210087
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.4
150 155.7 0.0 347.0

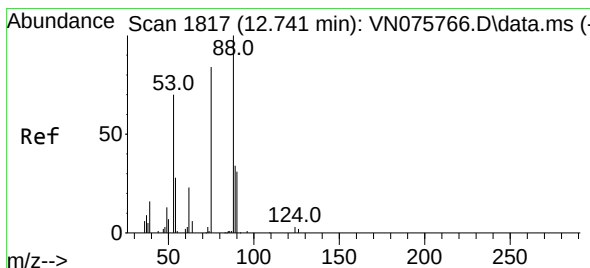
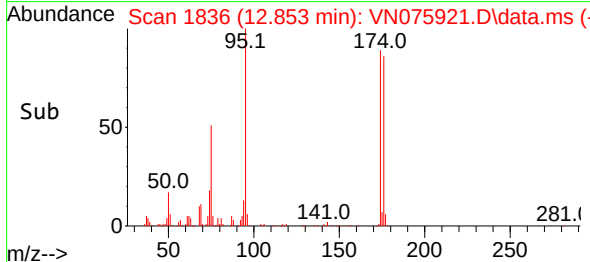
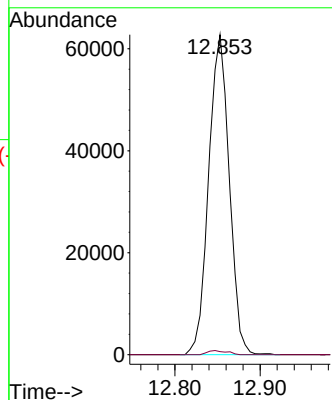
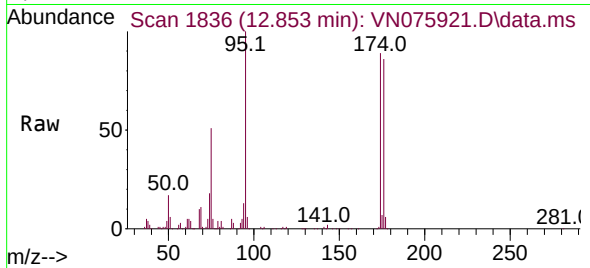




#76
1,2,3-Trichloropropane
Concen: 24.878 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

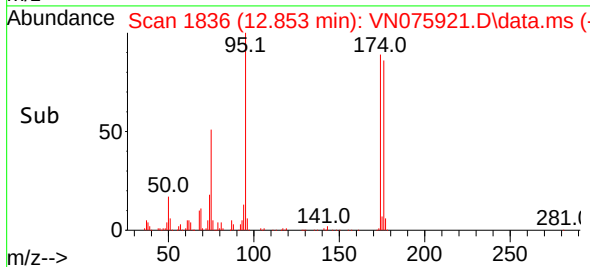
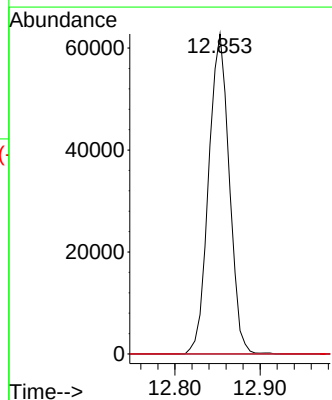
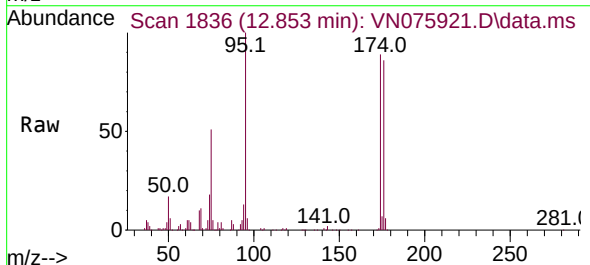
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-165-186-122022

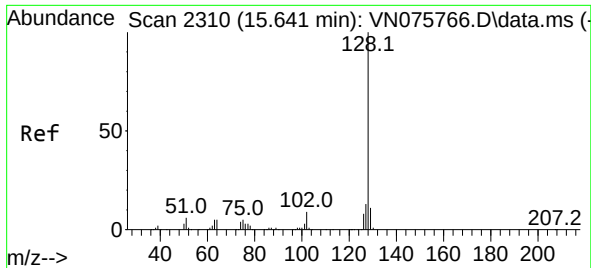
Tgt Ion: 75 Resp: 105356
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.550 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

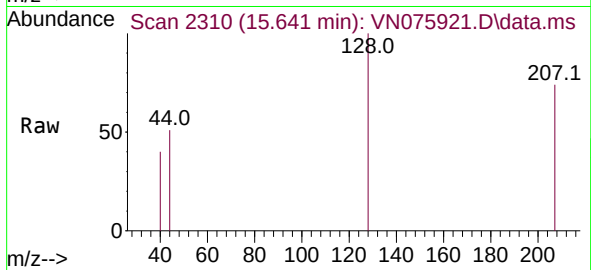
Tgt Ion: 75 Resp: 105356
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.227 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075921.D
Acq: 21 Dec 2022 15:53

Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-165-186-122022



Tgt Ion:	128	Resp:	588
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

