

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076227.D
 Acq On : 12 Jan 2023 13:51
 Operator : JC\MD
 Sample : 01126-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-390-411-011023

Quant Time: Jan 13 01:58:43 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)

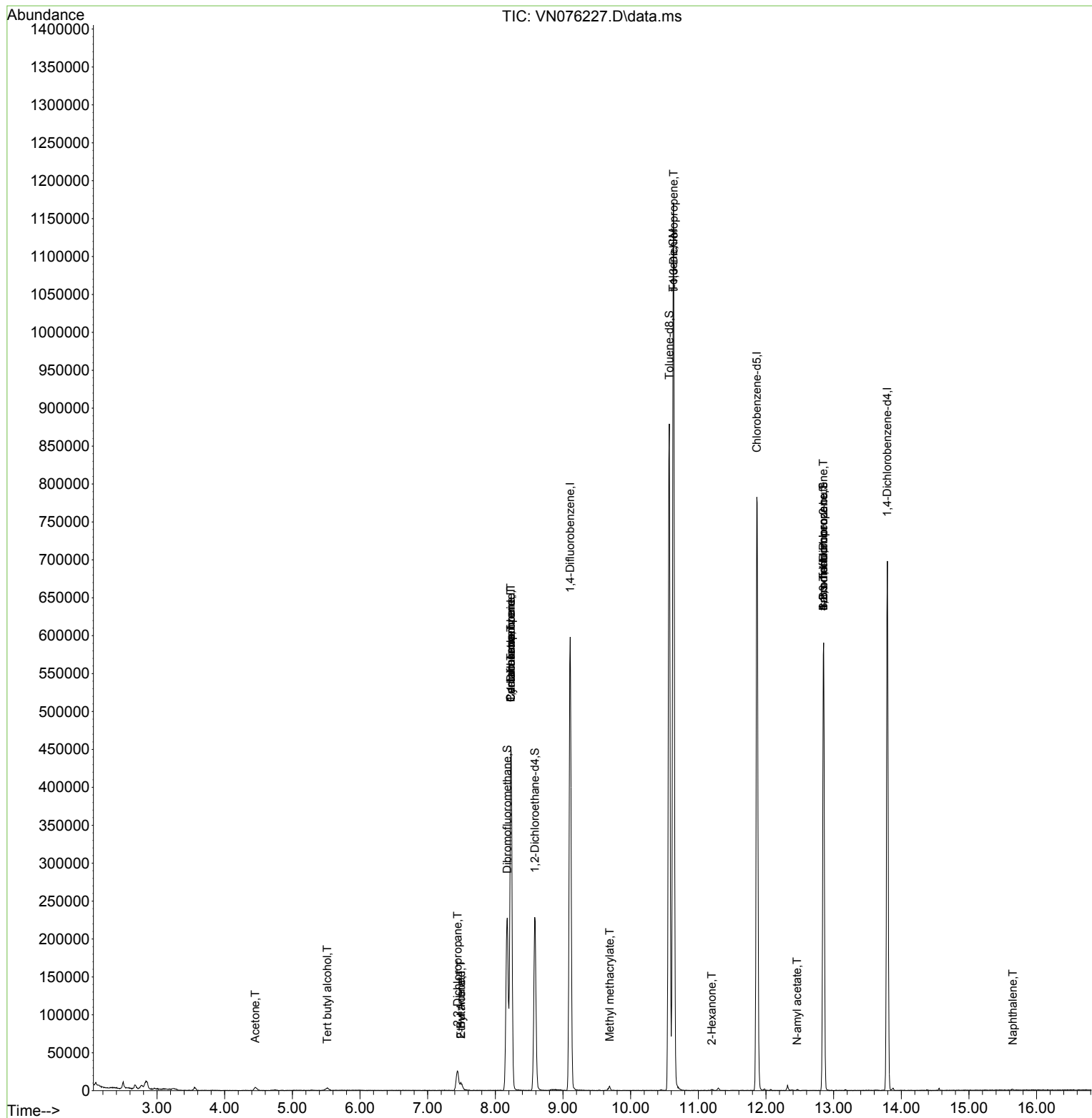
Internal Standards						
1) Pentafluorobenzene	8.230	168	354494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	558307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	483117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	186143	48.267	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.540%
35) Dibromofluoromethane	8.177	113	166995	48.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	10.571	98	634873	49.111	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.847	95	195704	45.708	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	3258	5.970	ug/l #	72
16) Acetone	4.453	43	8016	6.030	ug/l	92
20) Methylene Chloride	5.295	84	64	Below Cal	#	21
25) 2-Butanone	7.494	43	15284	8.211	ug/l	96
26) 2,2-Dichloropropane	7.441	77	2070	0.411	ug/l #	50
31) Cyclohexane	8.230	56	6818	1.234	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	27058	5.891	ug/l #	51
37) Ethyl Acetate	7.494	43	15284	4.143	ug/l #	65
38) Carbon Tetrachloride	8.230	117	35061	6.820	ug/l #	16
48) Methyl methacrylate	9.688	41	2866	1.046	ug/l	84
52) Toluene	10.630	92	551362	59.741	ug/l	100
53) t-1,3-Dichloropropene	10.635	75	6515	1.327	ug/l #	1
59) 2-Hexanone	11.200	43	1232	0.459	ug/l	95
71) Bromoform	12.847	173	1963	0.735	ug/l #	1
74) N-amyl acetate	12.459	43	882	0.210	ug/l #	37
76) 1,2,3-Trichloropropane	12.847	75	100804	25.254	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	100804	90.902	ug/l #	12
95) Naphthalene	15.647	128	1513	2.312	ug/l #	86

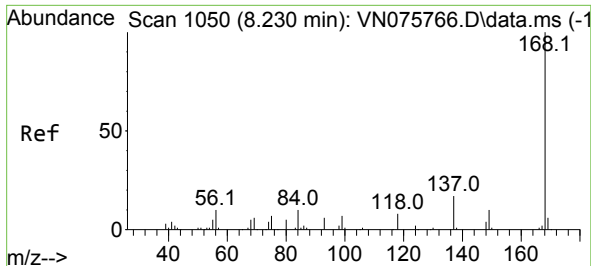
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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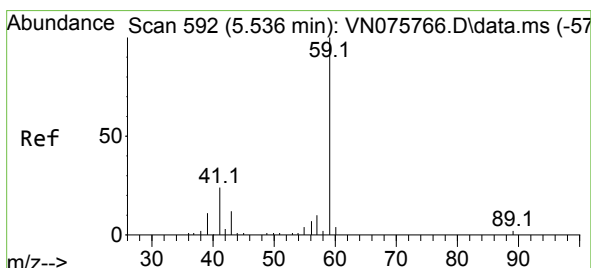
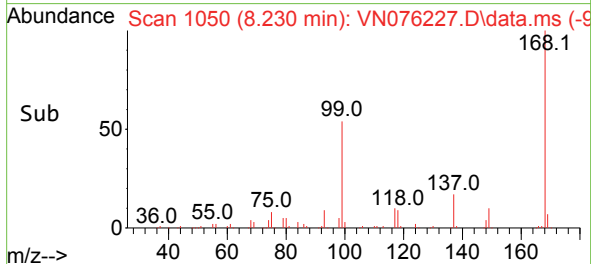
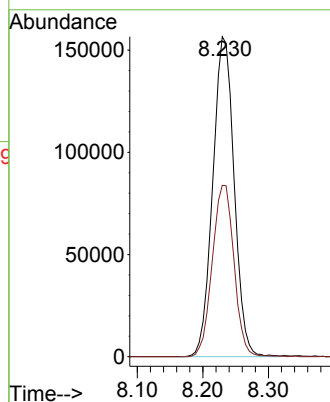
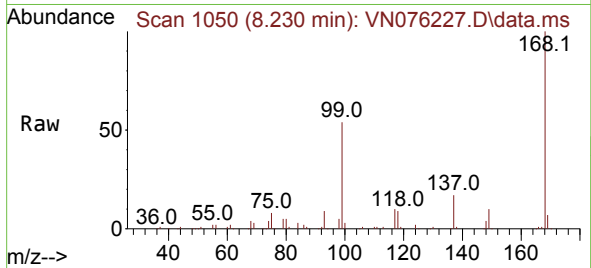




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

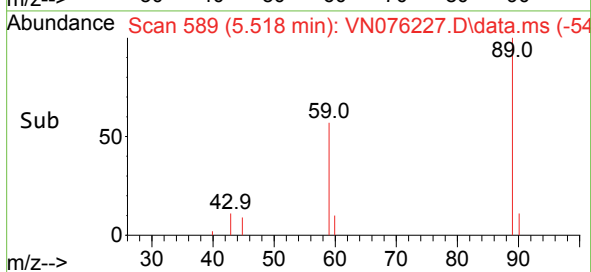
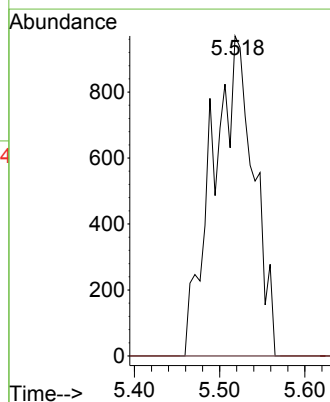
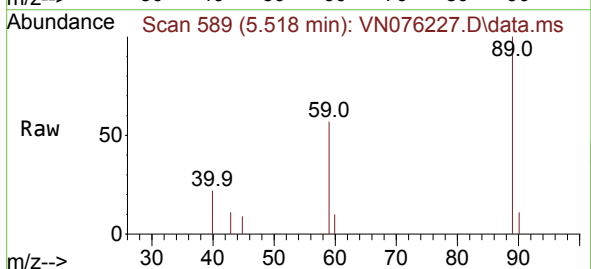
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-390-411-011023

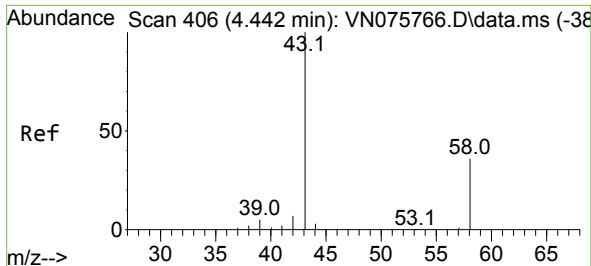
Tgt Ion:168 Resp: 354494
Ion Ratio Lower Upper
168 100
99 53.6 44.2 66.4



#11
Tert butyl alcohol
Concen: 5.970 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.018 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

Tgt Ion: 59 Resp: 3258
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 6.030 ug/l

RT: 4.453 min Scan# 406

Delta R.T. 0.012 min

Lab File: VN076227.D

Acq: 12 Jan 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

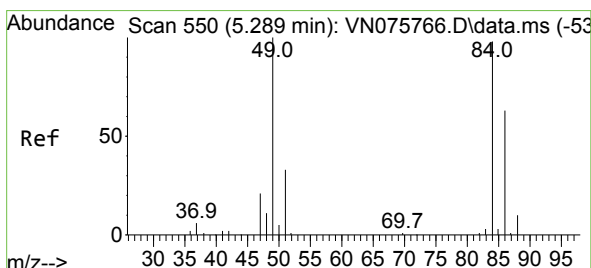
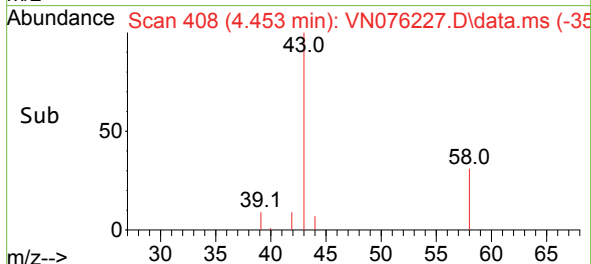
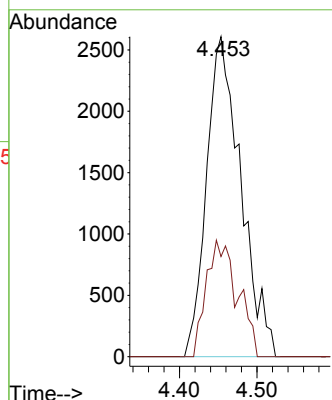
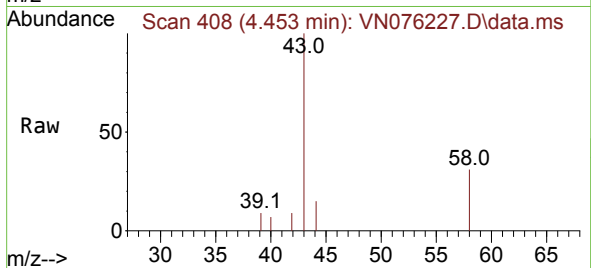
GWOW-BR-04-390-411-011023

Tgt Ion: 43 Resp: 8016

Ion Ratio Lower Upper

43 100

58 31.3 28.6 43.0



#20

Methylene Chloride

Concen: Below Cal

RT: 5.295 min Scan# 551

Delta R.T. 0.006 min

Lab File: VN076227.D

Acq: 12 Jan 2023 13:51

Tgt Ion: 84 Resp: 64

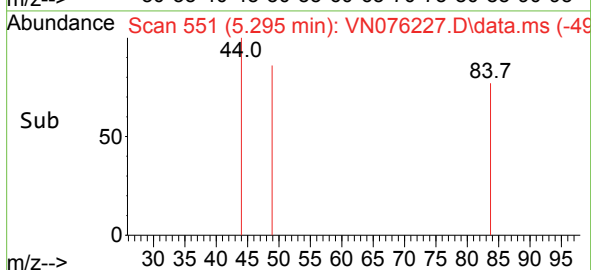
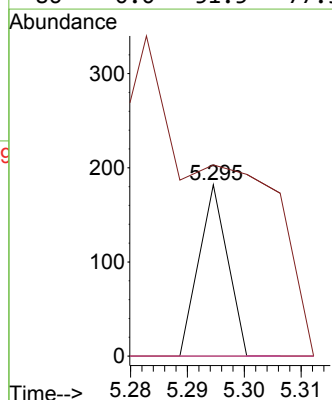
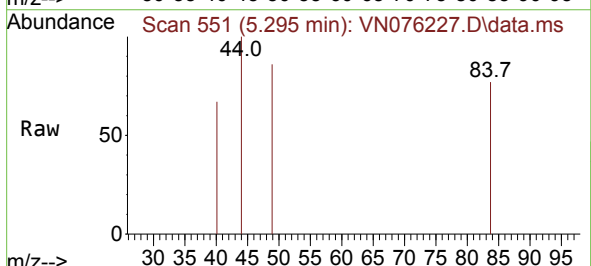
Ion Ratio Lower Upper

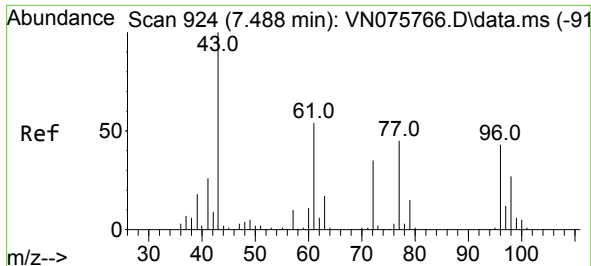
84 100

49 16.5 81.8 122.6#

51 0.0 26.7 40.1#

86 0.0 51.5 77.3#

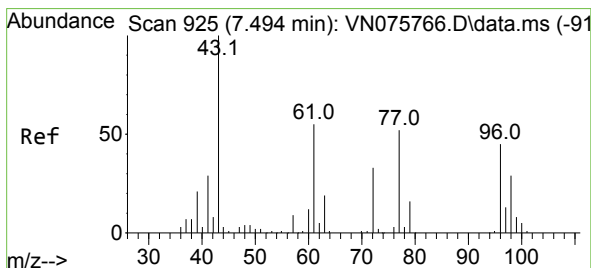
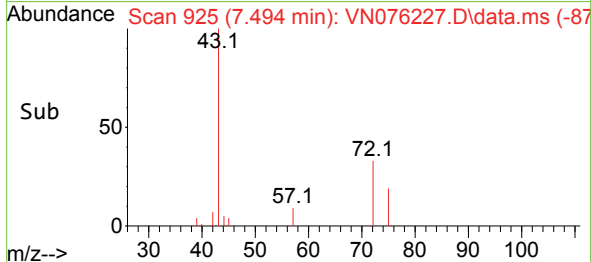
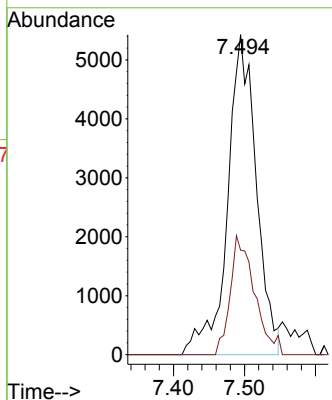
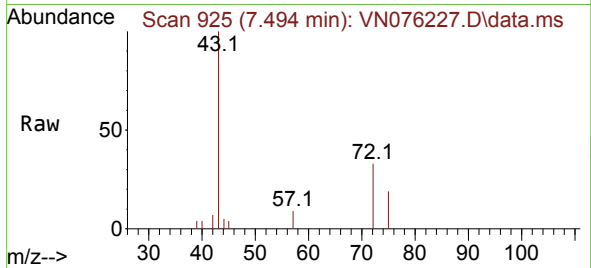




#25
2-Butanone
Concen: 8.211 ug/l
RT: 7.494 min Scan# 916
Delta R.T. 0.006 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

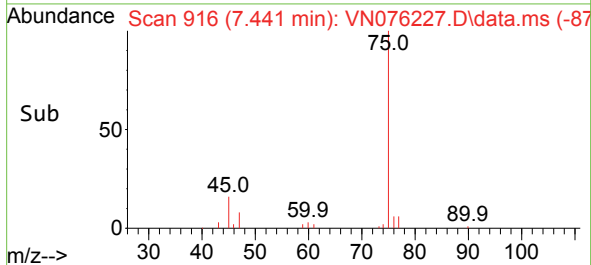
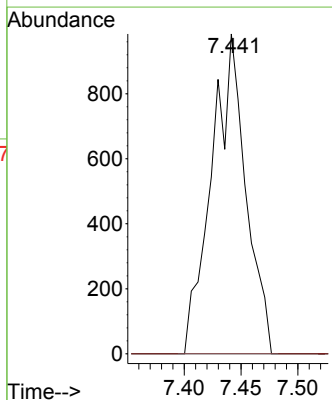
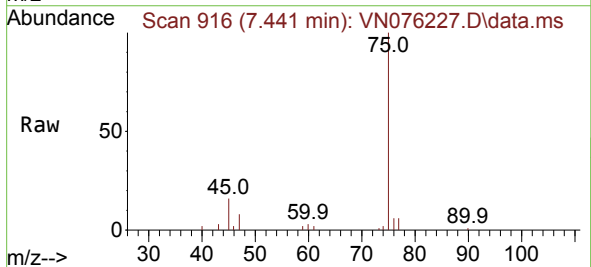
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-390-411-011023

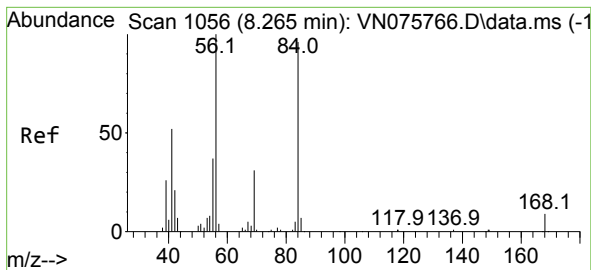
Tgt Ion: 43 Resp: 15284
Ion Ratio Lower Upper
43 100
72 32.6 28.0 42.0



#26
2,2-Dichloropropane
Concen: 0.411 ug/l
RT: 7.441 min Scan# 916
Delta R.T. -0.053 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

Tgt Ion: 77 Resp: 2070
Ion Ratio Lower Upper
77 100
97 0.0 12.7 38.0#





#31

Cyclohexane

Concen: 1.234 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN076227.D

Acq: 12 Jan 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-390-411-011023

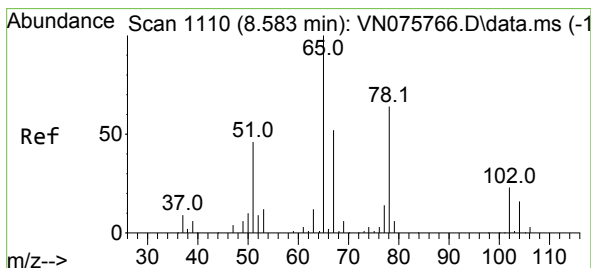
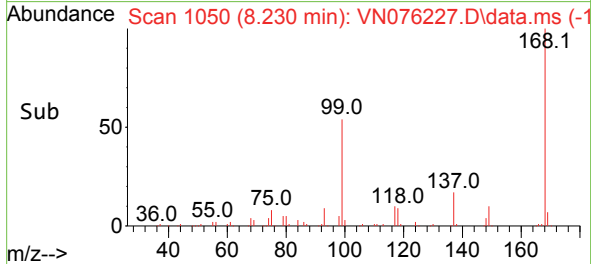
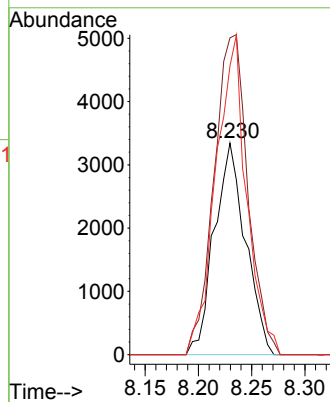
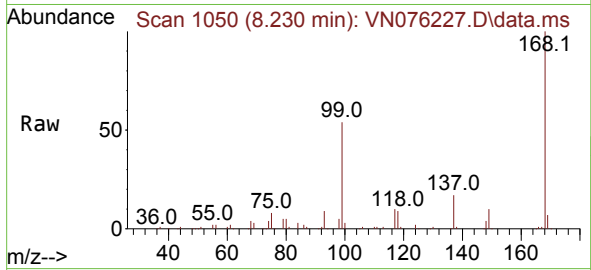
Tgt Ion: 56 Resp: 6818

Ion Ratio Lower Upper

56 100

69 149.8 24.7 37.1#

84 136.5 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 48.267 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076227.D

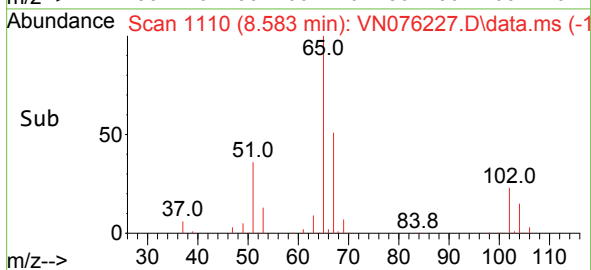
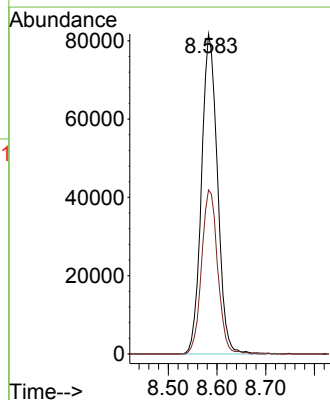
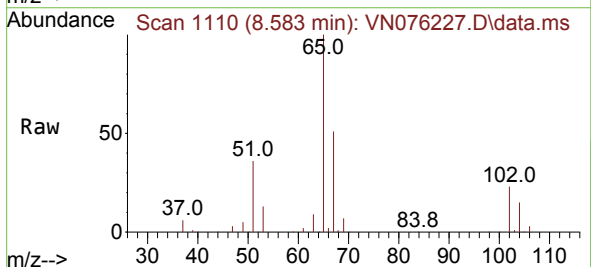
Acq: 12 Jan 2023 13:51

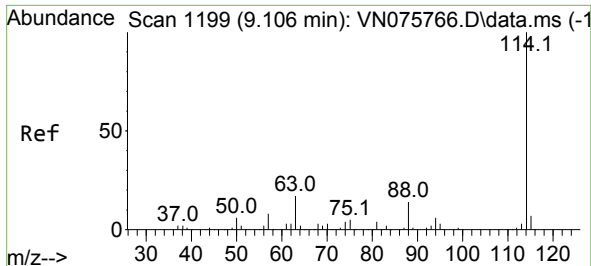
Tgt Ion: 65 Resp: 186143

Ion Ratio Lower Upper

65 100

67 51.6 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: VN076227.D

Acq: 12 Jan 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-390-411-011023

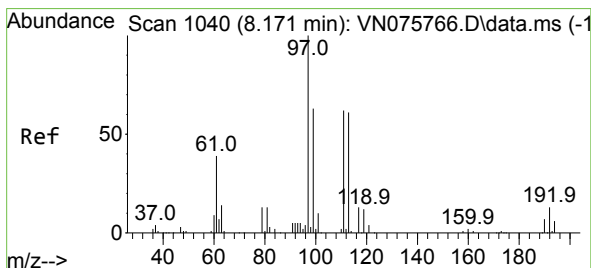
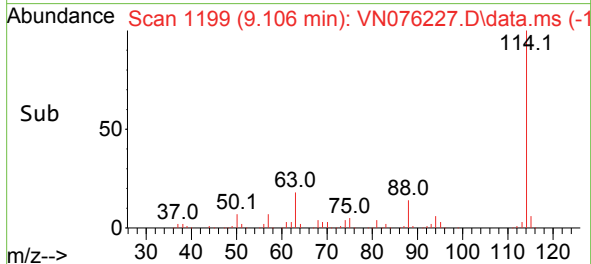
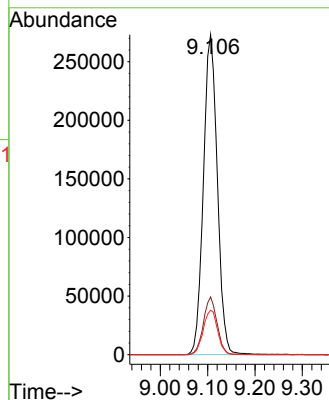
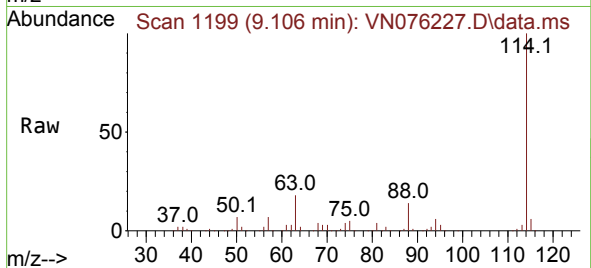
Tgt Ion:114 Resp: 558307

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 13.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.299 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076227.D

Acq: 12 Jan 2023 13:51

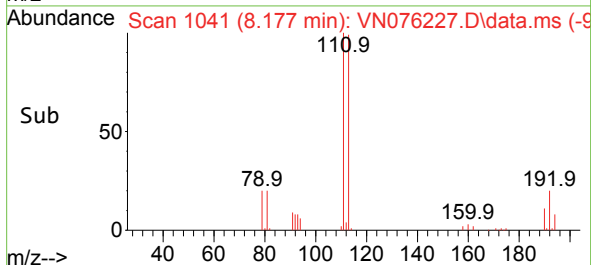
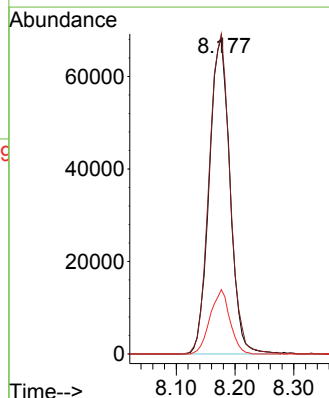
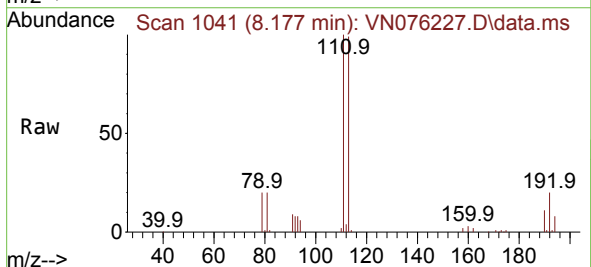
Tgt Ion:113 Resp: 166995

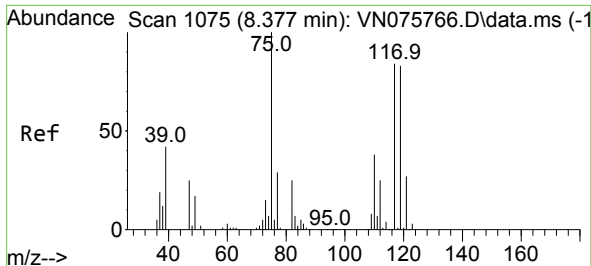
Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 19.4 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.891 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076227.D

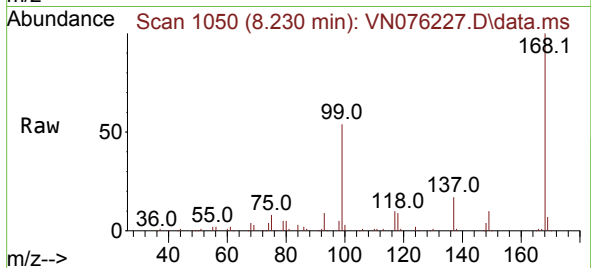
Acq: 12 Jan 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-390-411-011023



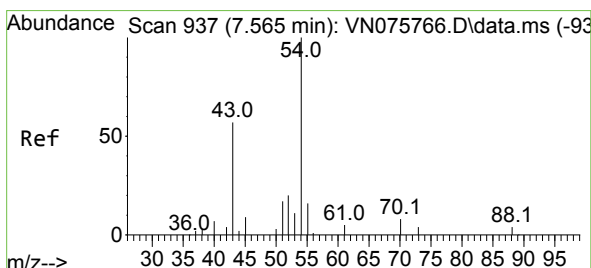
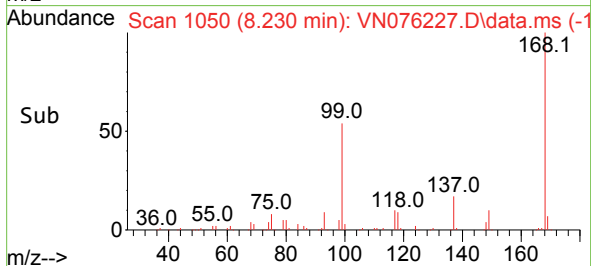
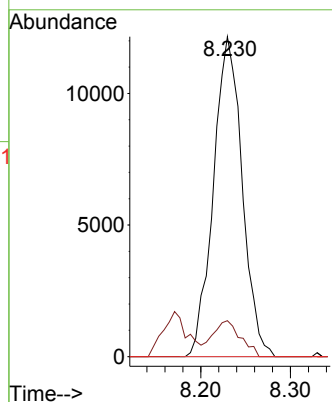
Tgt Ion: 75 Resp: 27058

Ion Ratio Lower Upper

75 100

110 10.9 18.8 56.4#

77 0.0 24.1 36.1#



#37

Ethyl Acetate

Concen: 4.143 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.071 min

Lab File: VN076227.D

Acq: 12 Jan 2023 13:51

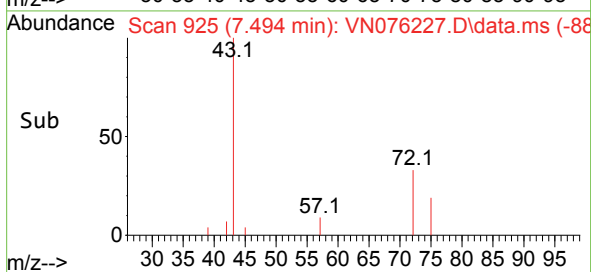
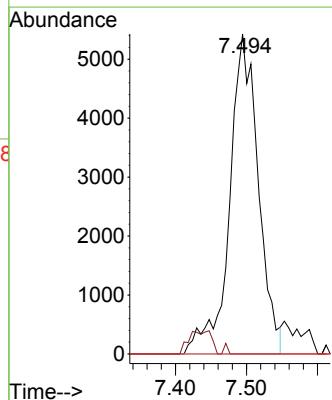
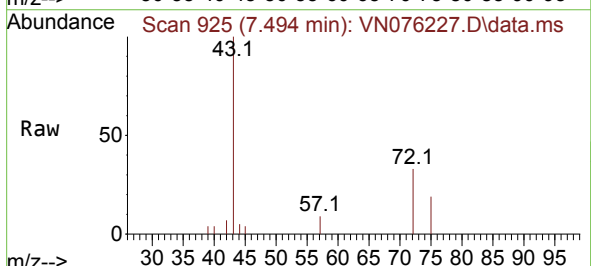
Tgt Ion: 43 Resp: 15284

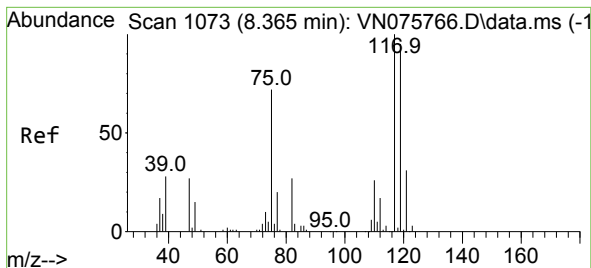
Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 6.820 ug/l

RT: 8.230 min Scan# 1073

Delta R.T. -0.135 min

Lab File: VN076227.D

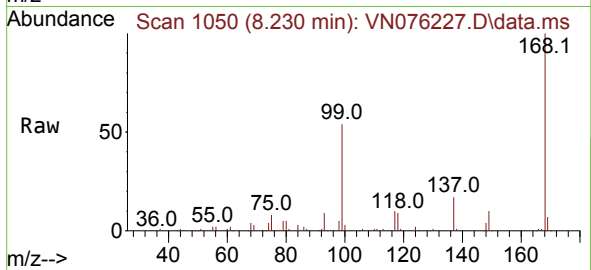
Acq: 12 Jan 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-390-411-011023



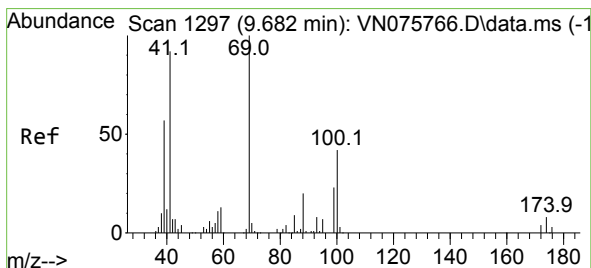
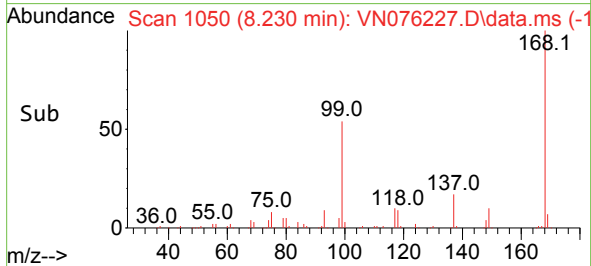
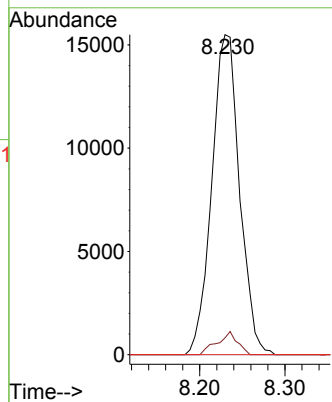
Tgt Ion:117 Resp: 35061

Ion Ratio Lower Upper

117 100

119 5.3 76.1 114.1#

121 0.0 24.5 36.7#



#48

Methyl methacrylate

Concen: 1.046 ug/l

RT: 9.688 min Scan# 1298

Delta R.T. 0.006 min

Lab File: VN076227.D

Acq: 12 Jan 2023 13:51

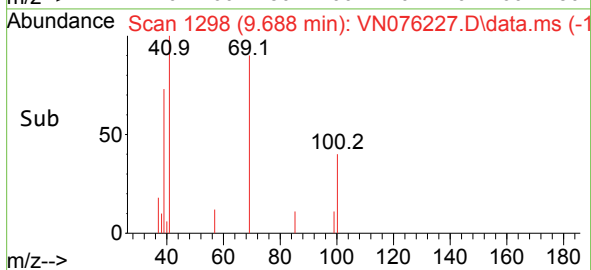
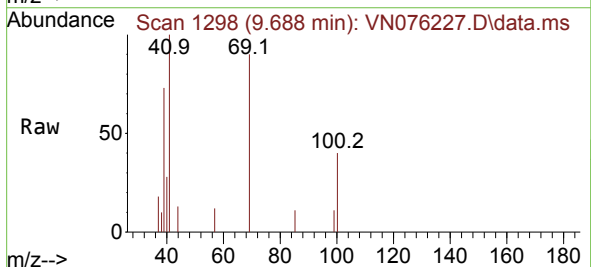
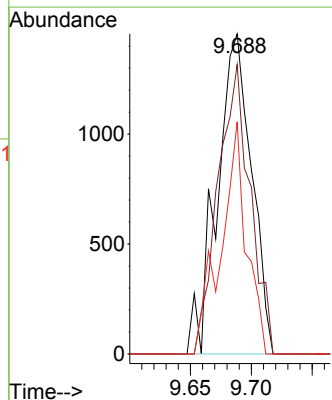
Tgt Ion: 41 Resp: 2866

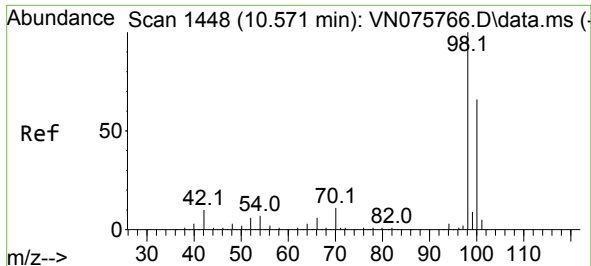
Ion Ratio Lower Upper

41 100

69 84.6 81.9 122.9

39 53.8 51.6 77.4

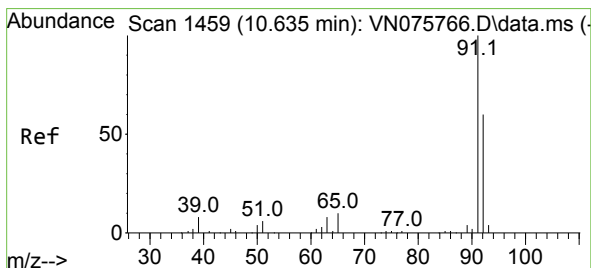
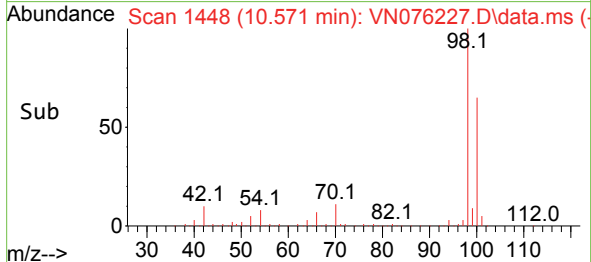
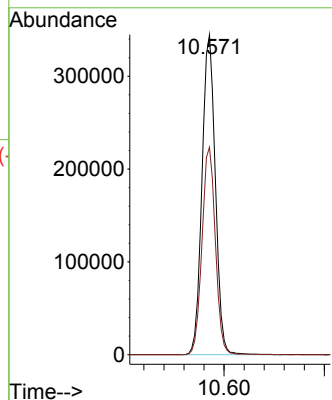
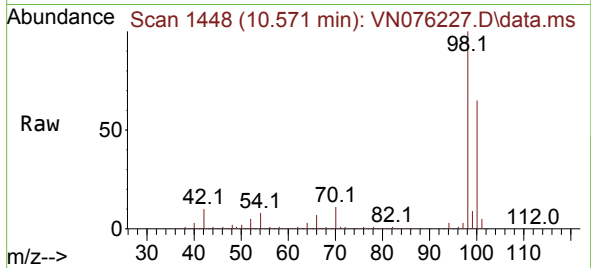




#50
Toluene-d8
Concen: 49.111 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

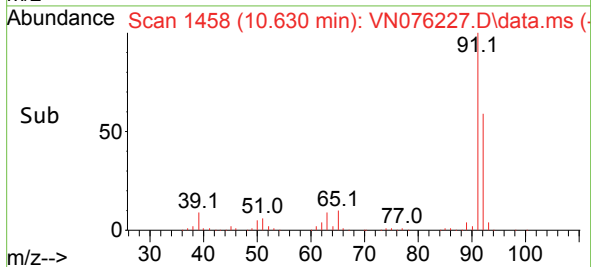
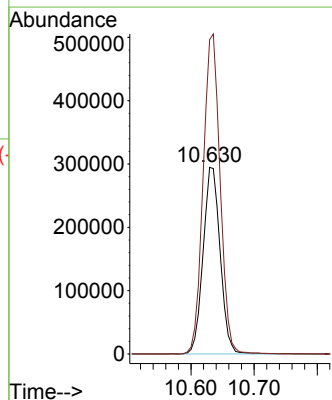
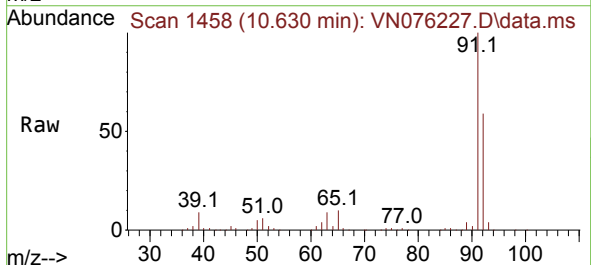
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-390-411-011023

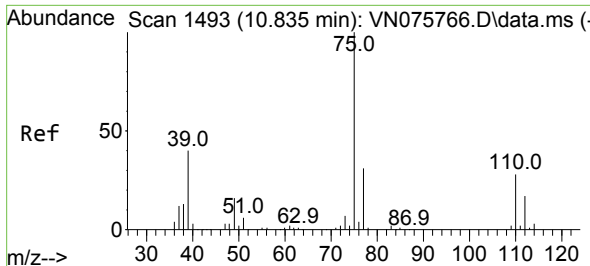
Tgt Ion: 98 Resp: 634873
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#52
Toluene
Concen: 59.741 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

Tgt Ion: 92 Resp: 551362
Ion Ratio Lower Upper
92 100
91 171.2 137.3 205.9

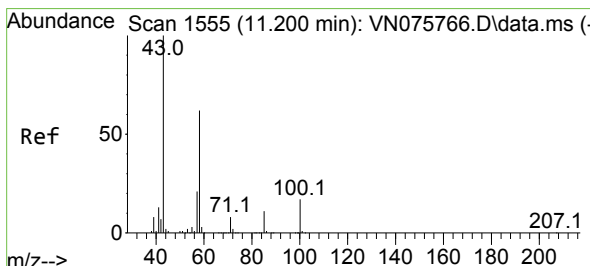
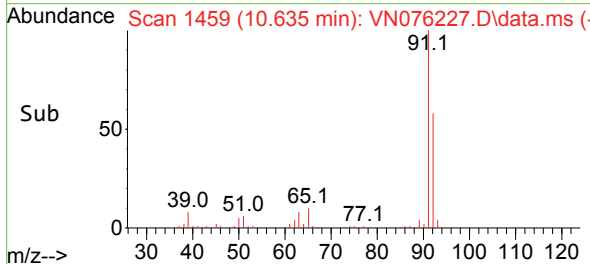
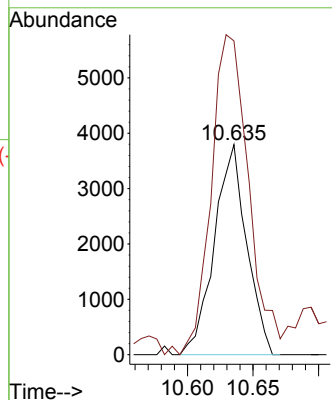
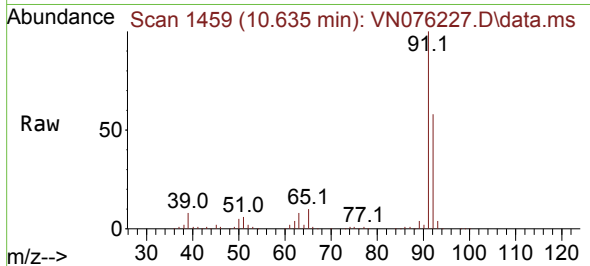




#53
t-1,3-Dichloropropene
Concen: 1.327 ug/l
RT: 10.635 min Scan# 1493
Delta R.T. -0.200 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

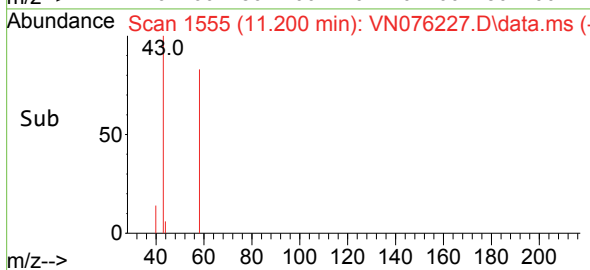
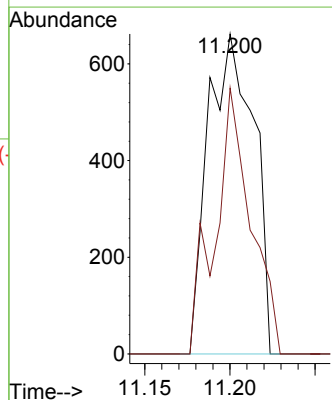
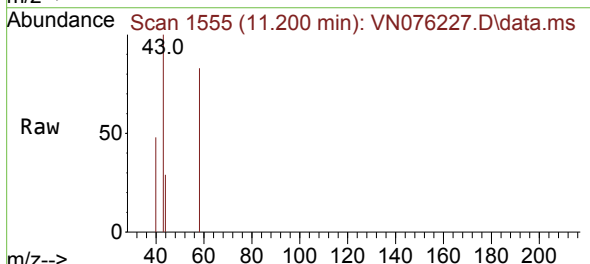
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-390-411-011023

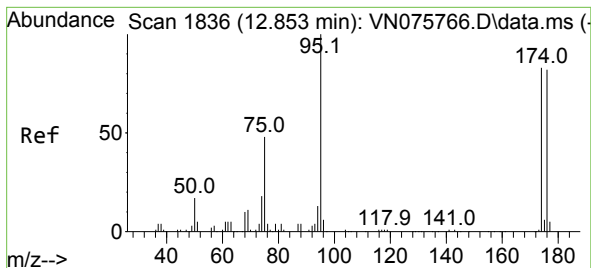
Tgt Ion: 75 Resp: 6515
Ion Ratio Lower Upper
75 100
77 149.3 24.9 37.3#



#59
2-Hexanone
Concen: 0.459 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 65.5 30.6 92.0

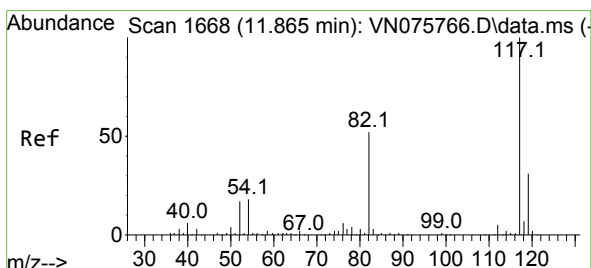
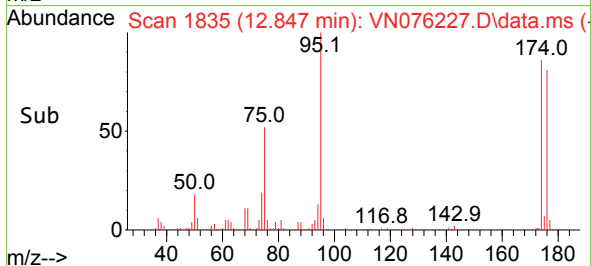
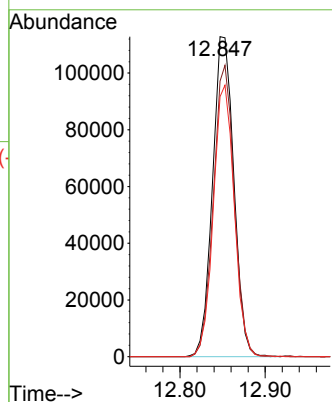
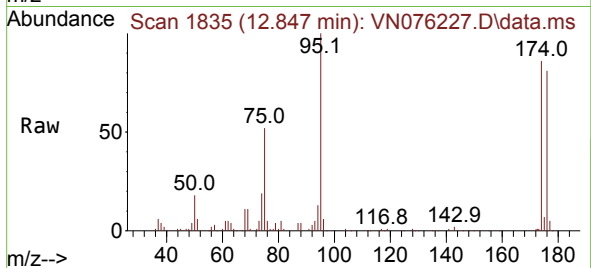




#62
4-Bromofluorobenzene
Concen: 45.708 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

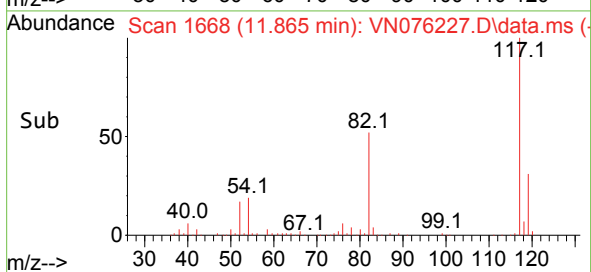
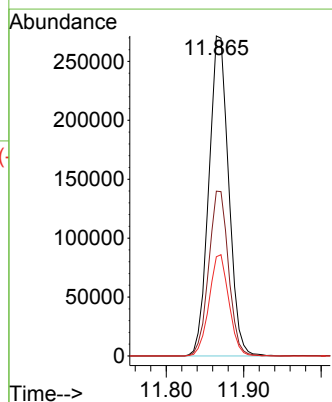
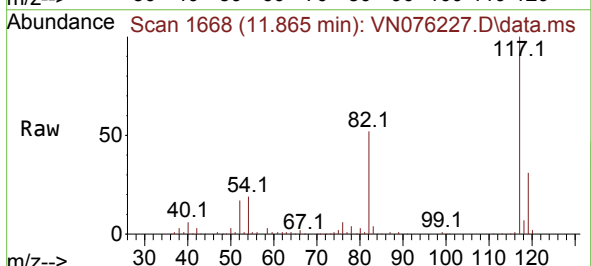
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-390-411-011023

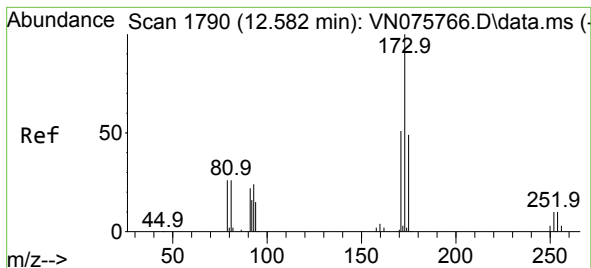
Tgt Ion: 95 Resp: 195704
Ion Ratio Lower Upper
95 100
174 89.6 0.0 171.6
176 83.4 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

Tgt Ion: 117 Resp: 483117
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 31.0 24.6 37.0





#71

Bromoform

Concen: 0.735 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.265 min

Lab File: VN076227.D

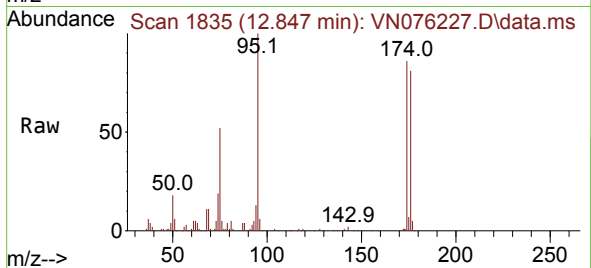
Acq: 12 Jan 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-390-411-011023



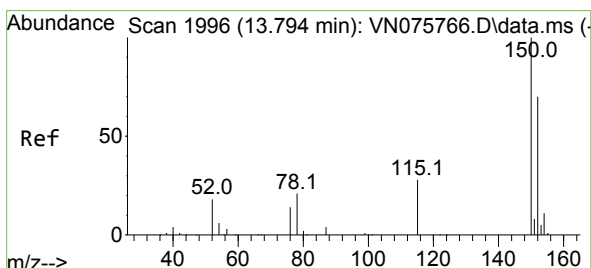
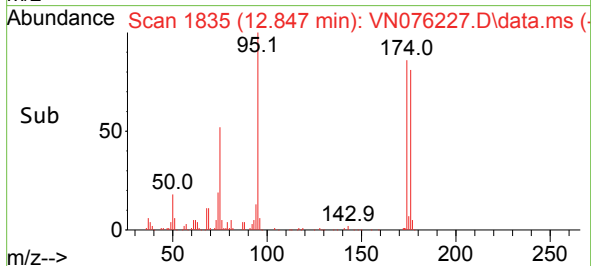
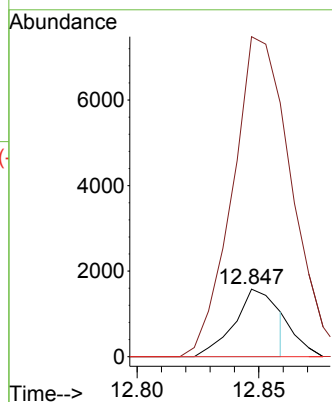
Tgt Ion:173 Resp: 1963

Ion Ratio Lower Upper

173 100

175 523.6 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: VN076227.D

Acq: 12 Jan 2023 13:51

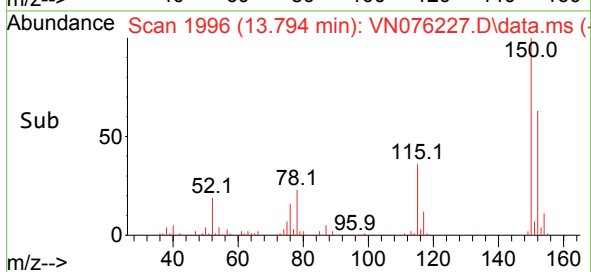
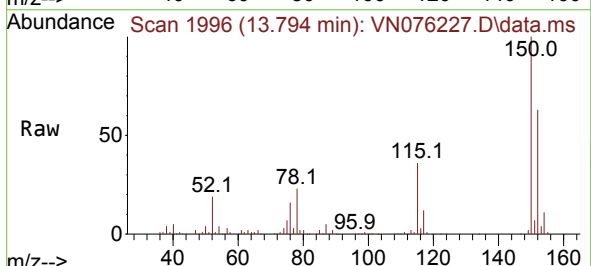
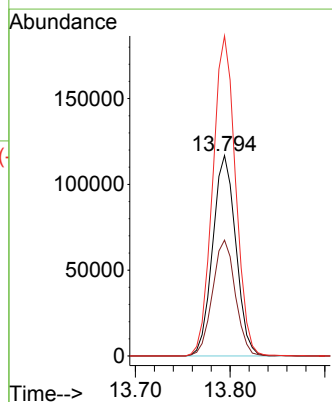
Tgt Ion:152 Resp: 198020

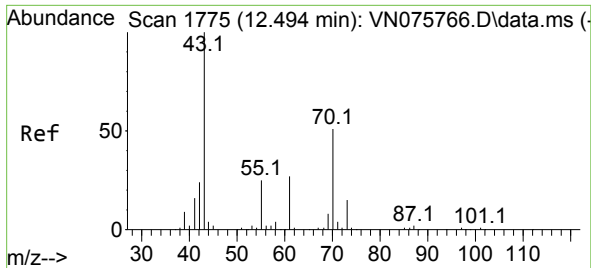
Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.4

150 157.9 0.0 347.0

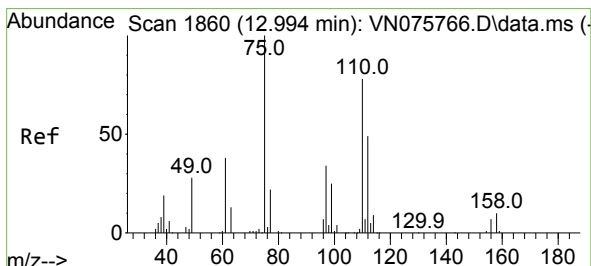
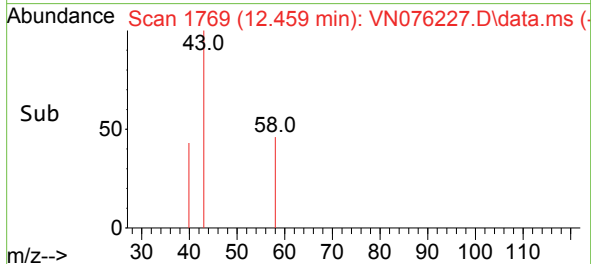
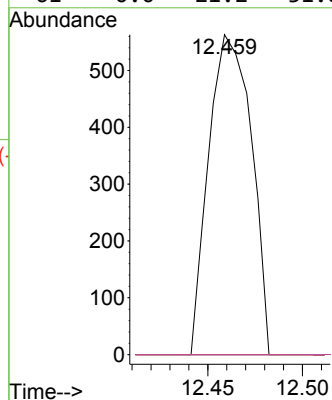
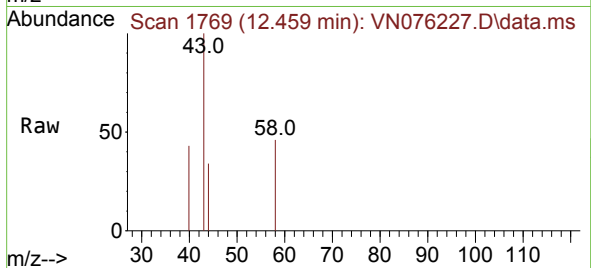




#74
N-amy1 acetate
Concen: 0.210 ug/l
RT: 12.459 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

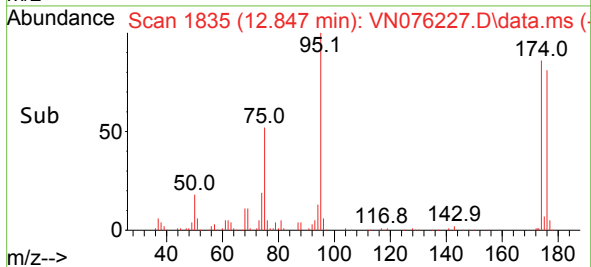
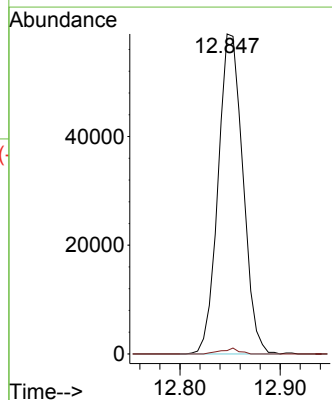
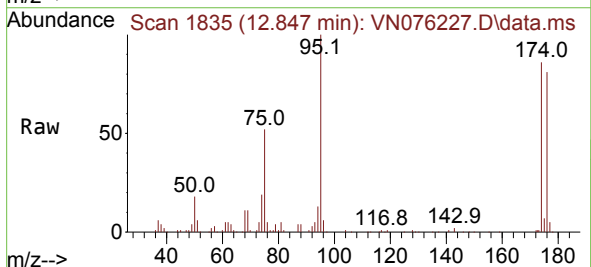
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-390-411-011023

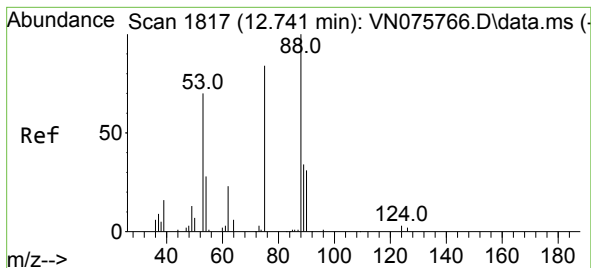
Tgt Ion: 43	Resp:	882
Ion Ratio	Lower	Upper
43 100		
70 0.0	41.4	62.0#
55 0.0	21.3	31.9#
61 0.0	21.2	31.8#



#76
1,2,3-Trichloropropane
Concen: 25.254 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

Tgt Ion: 75	Resp: 100804
Ion Ratio	Lower Upper
75 100	
77 1.3	82.6 247.8#

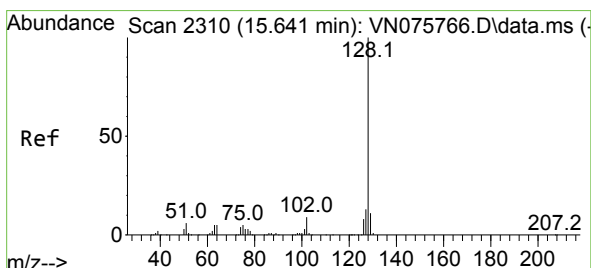
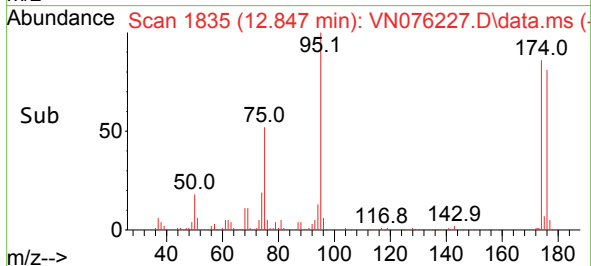
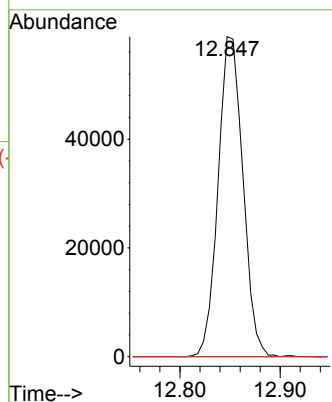
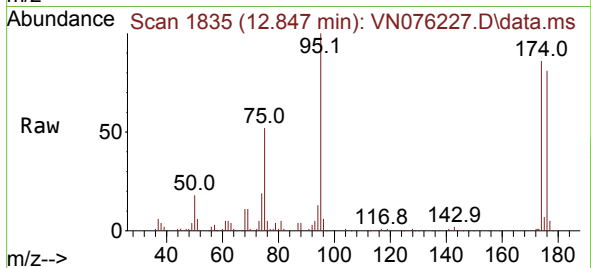




#81
trans-1,4-Dichloro-2-butene
Concen: 90.902 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-390-411-011023

Tgt Ion: 75 Resp: 100804
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.312 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076227.D
Acq: 12 Jan 2023 13:51

Tgt Ion:128 Resp: 1513
Ion Ratio Lower Upper
128 100
127 8.8 10.4 15.6#
129 3.8 8.7 13.1#

