

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021105.D
 Acq On : 09 Mar 2021 14:06
 Operator : JC/MD
 Sample : M1604-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR1-155-175-030821

Quant Time: Mar 10 00:30:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

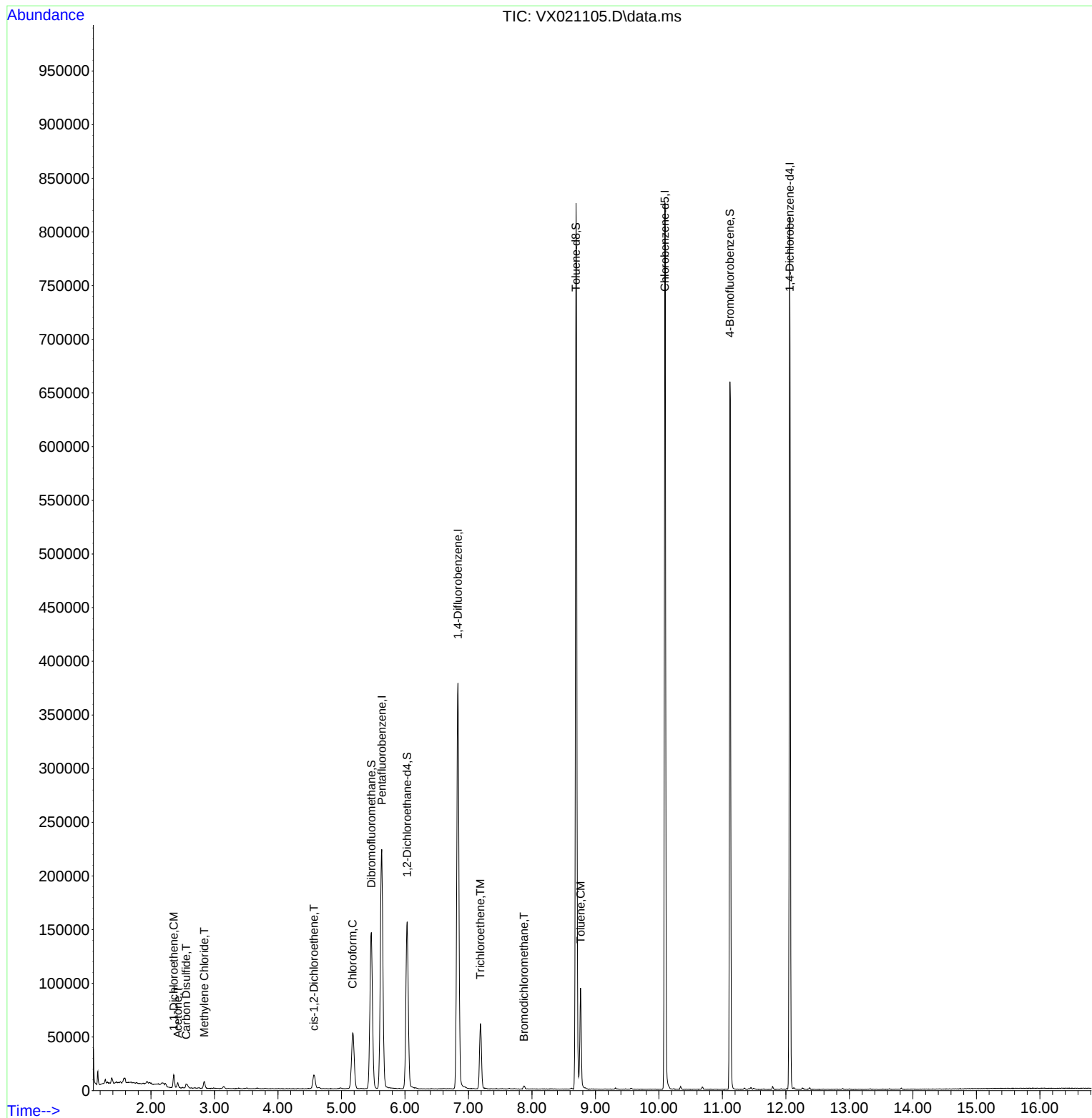
Internal Standards						
1) Pentafluorobenzene	5.635	168	219906	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.835	114	404654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	397703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	172955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	146390	49.28	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.56%
35) Dibromofluoromethane	5.470	113	126752	51.55	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.10%
50) Toluene-d8	8.694	98	509663	53.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.34%
62) 4-Bromofluorobenzene	11.118	95	188040	53.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.10%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.358	96	4102	1.67	ug/l	96
16) Acetone	2.423	43	5130	4.19	ug/l	95
17) Carbon Disulfide	2.552	76	4131	0.59	ug/l #	94
20) Methylene Chloride	2.840	84	3173	1.08	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	8895	2.79	ug/l	89
30) Chloroform	5.176	83	63979	13.33	ug/l	99
44) Trichloroethene	7.188	130	24374	8.04	ug/l	95
47) Bromodichloromethane	7.876	83	1879	0.46	ug/l	99
52) Toluene	8.765	92	35335	4.92	ug/l	97

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

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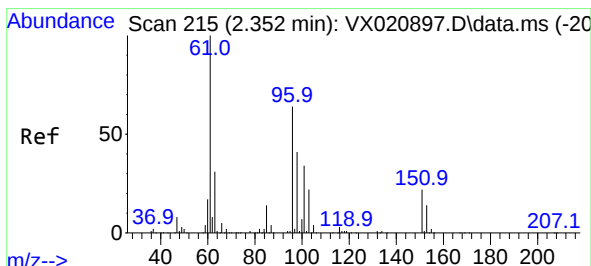
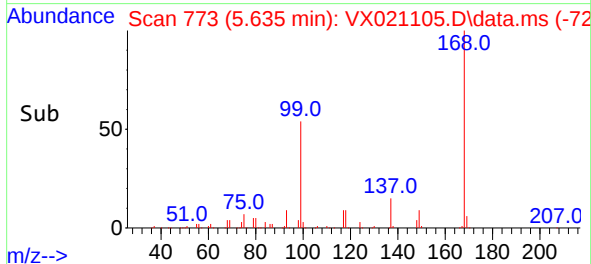
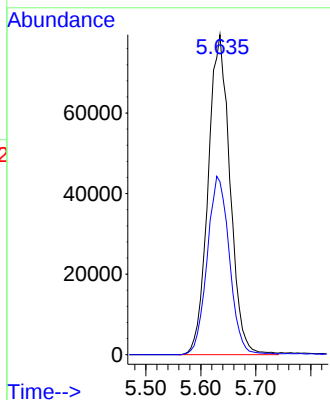
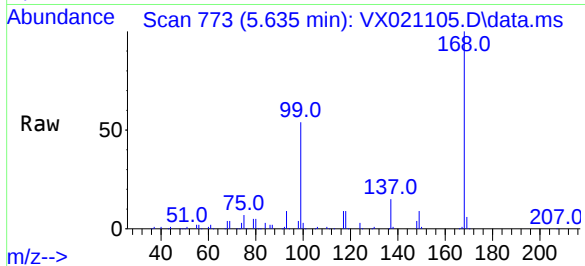




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

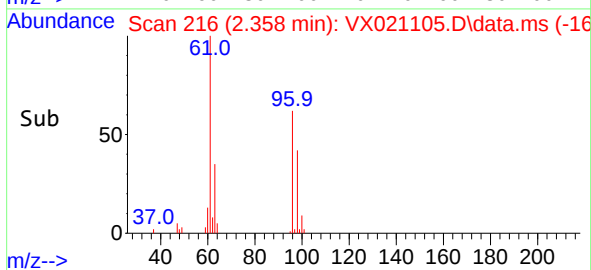
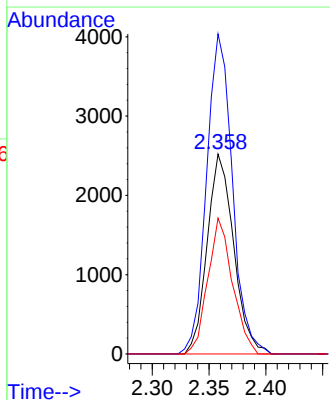
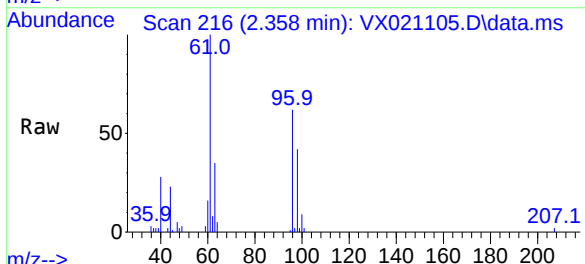
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-155-175-030821

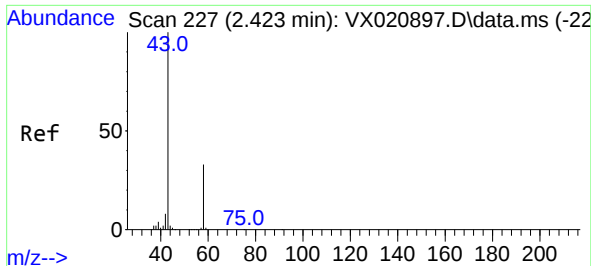
Tgt Ion:168 Resp: 219906
Ion Ratio Lower Upper
168 100
99 54.0 45.8 68.6



#12
1,1-Dichloroethene
Concen: 1.67 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

Tgt Ion: 96 Resp: 4102
Ion Ratio Lower Upper
96 100
61 160.1 124.6 187.0
98 67.9 50.6 76.0

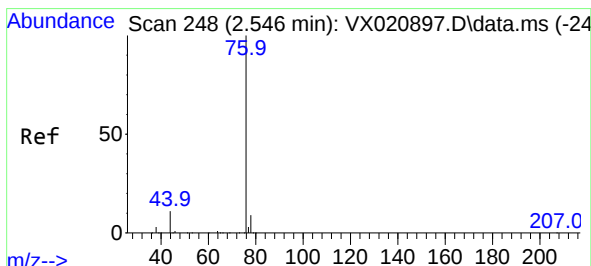
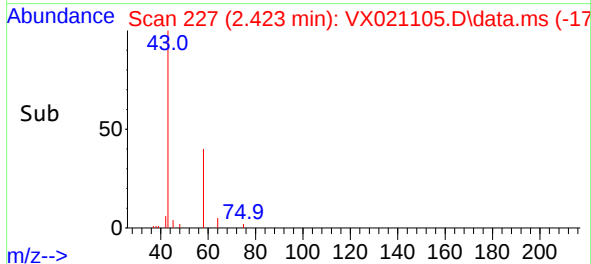
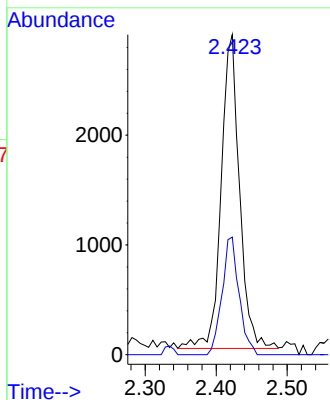
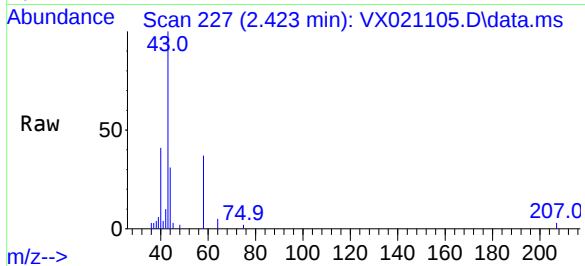




#16
Acetone
Concen: 4.19 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

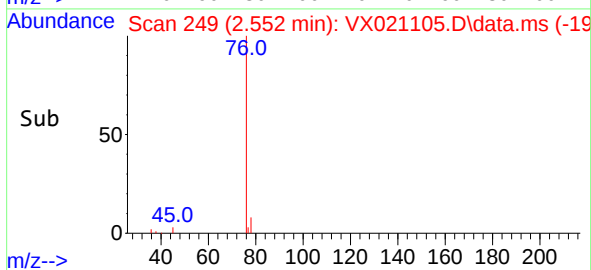
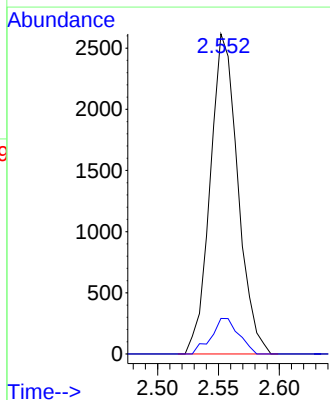
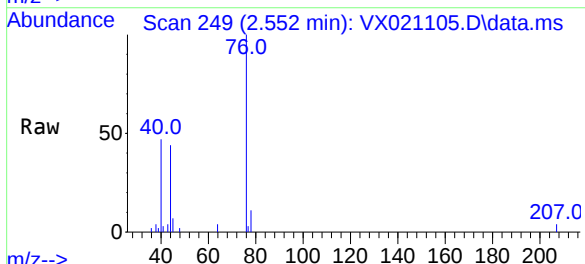
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-155-175-030821

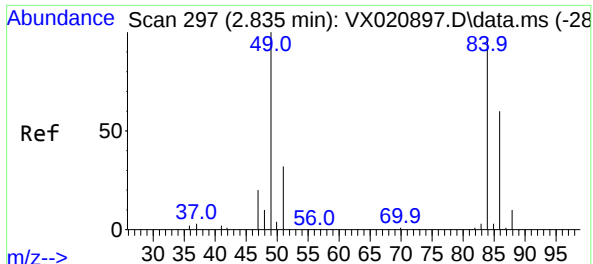
Tgt Ion: 43 Resp: 5130
Ion Ratio Lower Upper
43 100
58 37.5 27.8 41.8



#17
Carbon Disulfide
Concen: 0.59 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

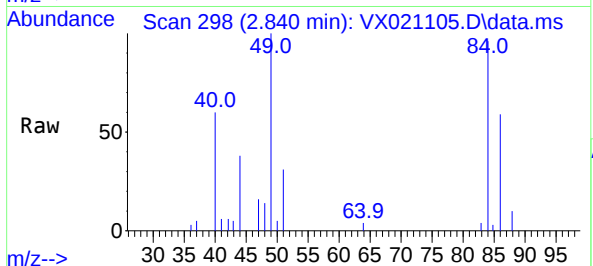
Tgt Ion: 76 Resp: 4131
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#





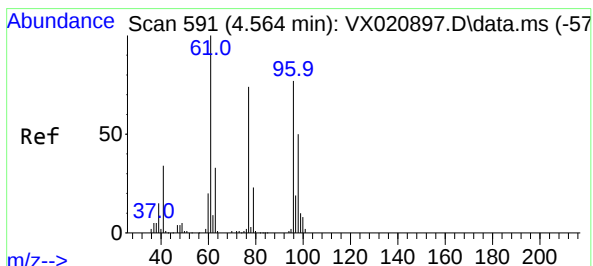
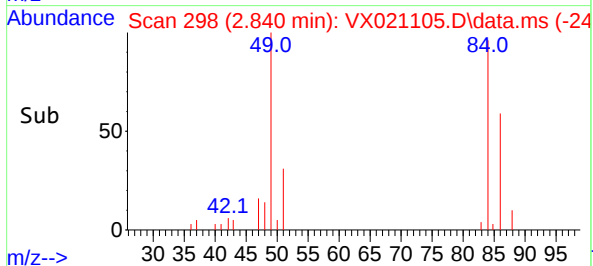
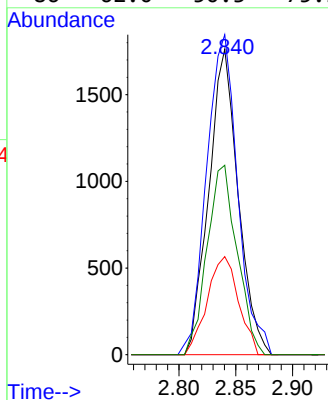
#20
Methylene Chloride
Concen: 1.08 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

Instrument :
MSVOA_X
ClientSampleId :
GWBR1-155-175-030821



Tgt Ion: 84 Resp: 3173

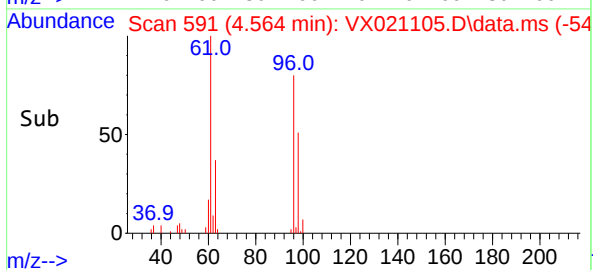
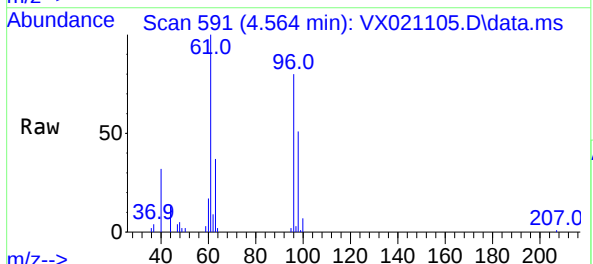
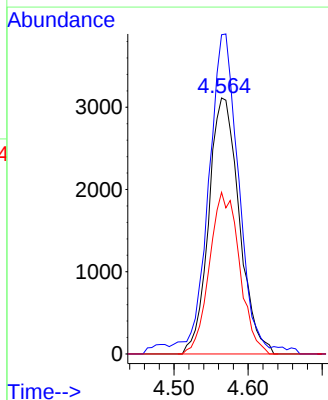
Ion	Ratio	Lower	Upper
84	100		
49	104.7	88.6	132.8
51	32.1	27.0	40.6
86	62.0	50.3	75.5

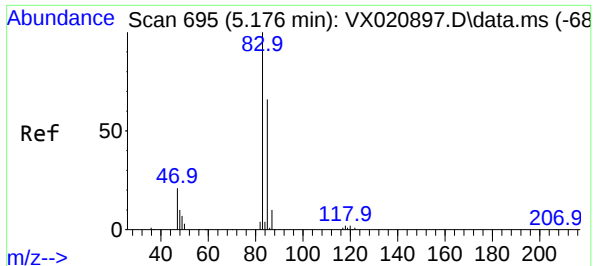


#27
cis-1,2-Dichloroethene
Concen: 2.79 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

Tgt Ion: 96 Resp: 8895

Ion	Ratio	Lower	Upper
96	100		
61	124.3	0.0	285.6
98	62.2	0.0	129.6





#30

Chloroform

Concen: 13.33 ug/l

RT: 5.176 min Scan# 695

Delta R.T. -0.000 min

Lab File: VX021105.D

Acq: 09 Mar 2021 14:06

Instrument :

MSVOA_X

ClientSampleId :

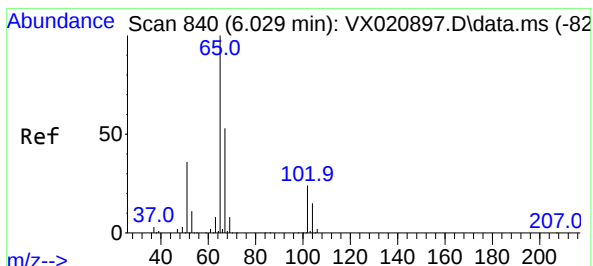
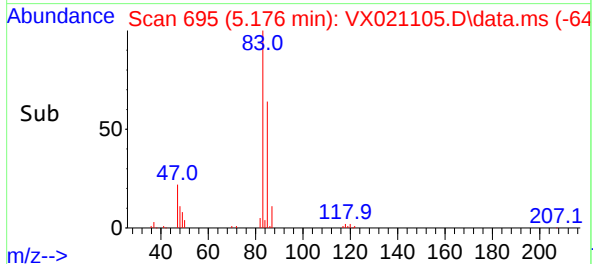
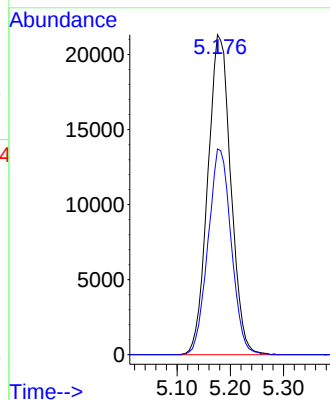
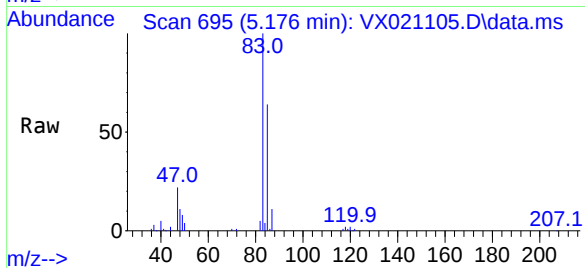
GWBR1-155-175-030821

Tgt Ion: 83 Resp: 63979

Ion Ratio Lower Upper

83 100

85 64.3 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 49.28 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021105.D

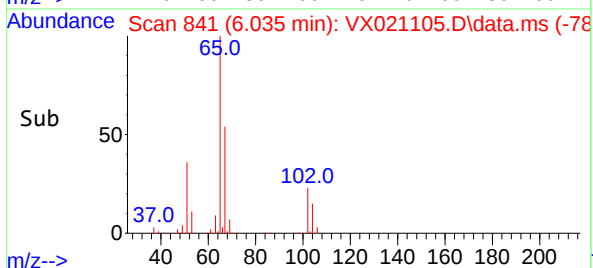
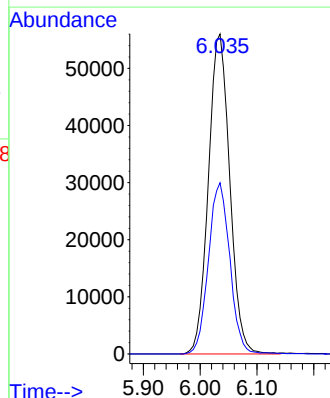
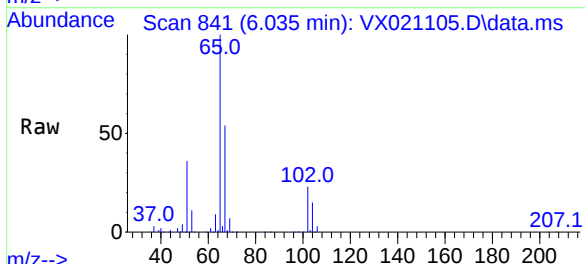
Acq: 09 Mar 2021 14:06

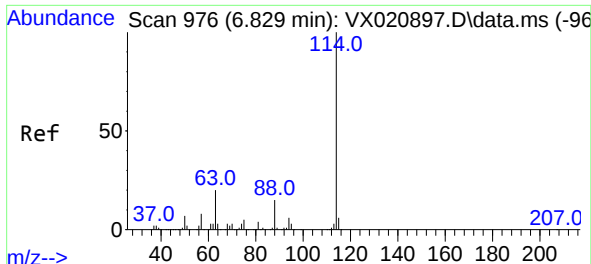
Tgt Ion: 65 Resp: 146390

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.4



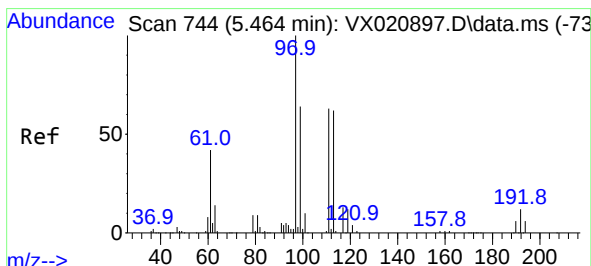
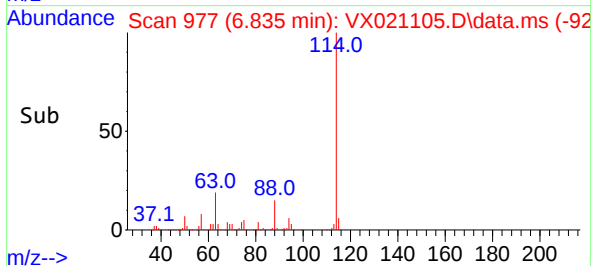
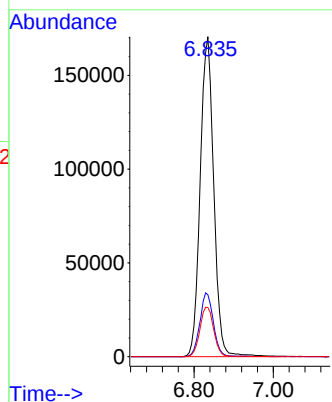
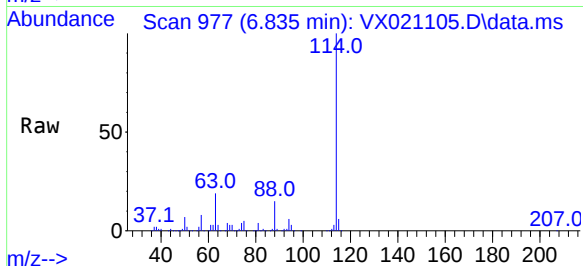


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

Instrument :
MSVOA_X
ClientSampleId :
GWBR1-155-175-030821

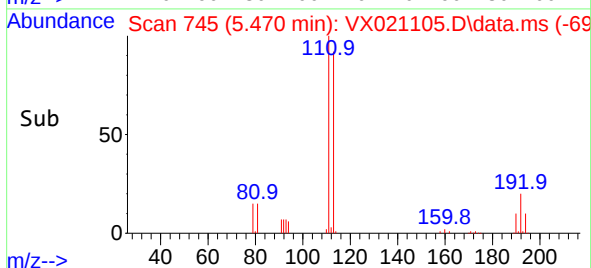
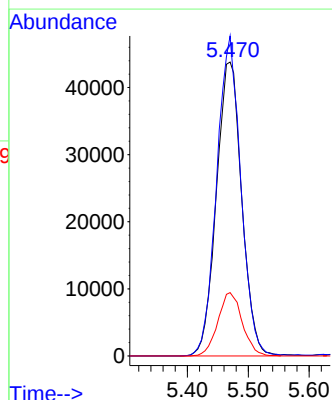
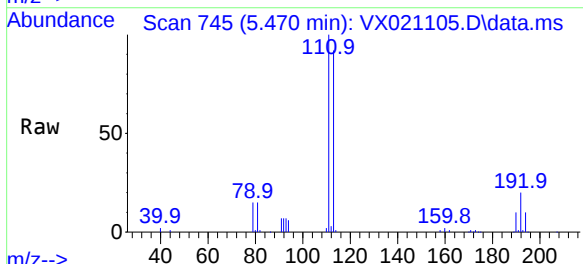
Tgt Ion:114 Resp: 404654
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.8
88 15.3 0.0 32.8

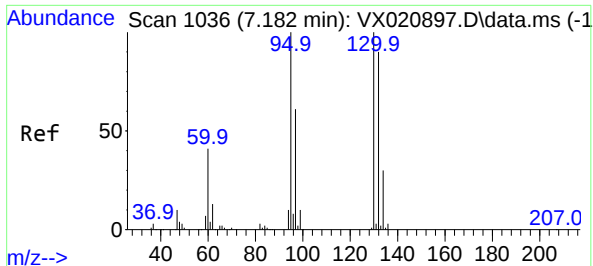


#35

Dibromofluoromethane
Concen: 51.55 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

Tgt Ion:113 Resp: 126752
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 20.8 16.7 25.1

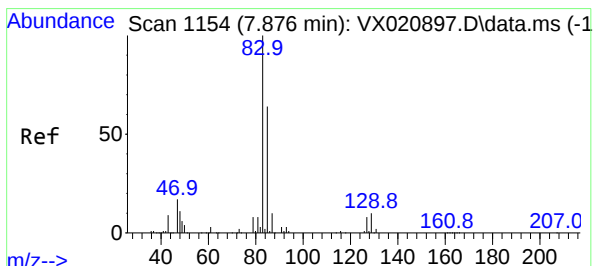
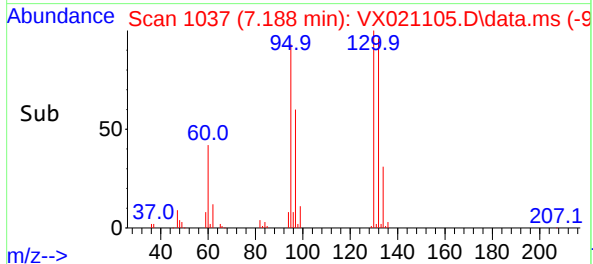
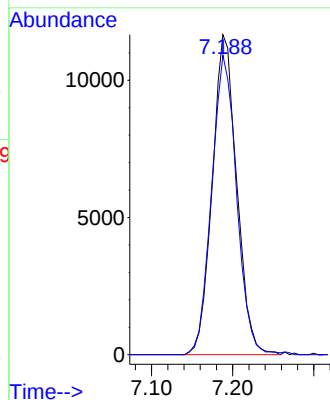
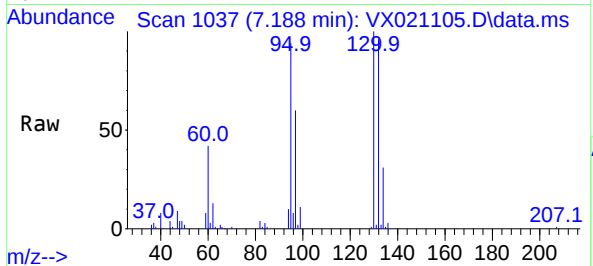




#44
Trichloroethene
Concen: 8.04 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

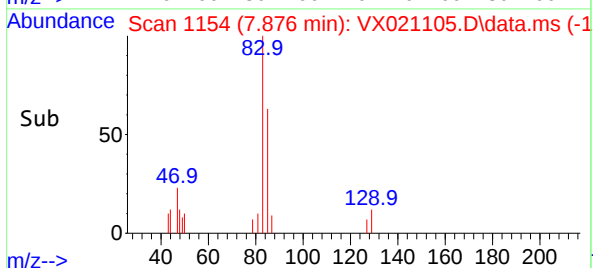
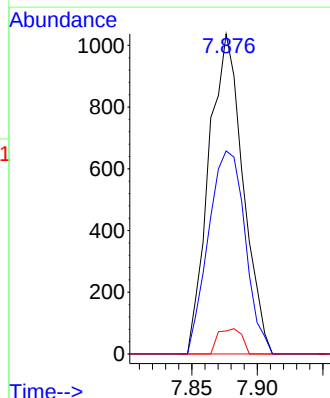
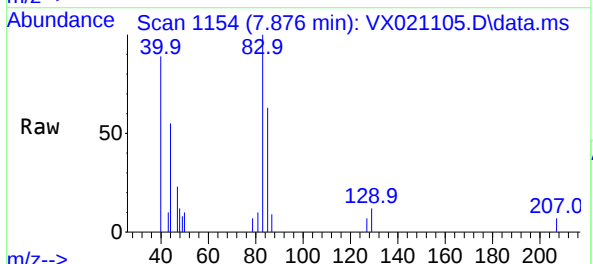
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MSVOA_X
ClientSampleId :
GWBR1-155-175-030821

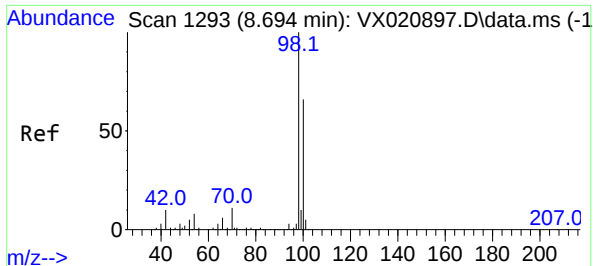
Tgt Ion:130 Resp: 24374
Ion Ratio Lower Upper
130 100
95 93.6 0.0 198.0



#47
Bromodichloromethane
Concen: 0.46 ug/l
RT: 7.876 min Scan# 1154
Delta R.T. -0.000 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

Tgt Ion: 83 Resp: 1879
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.0
127 7.2 6.8 10.2

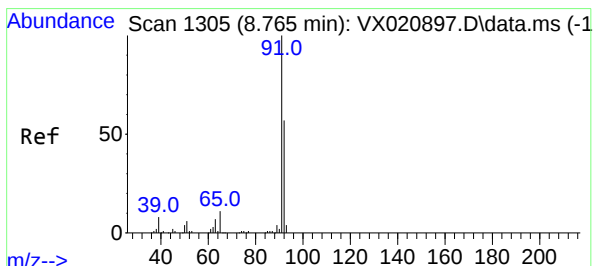
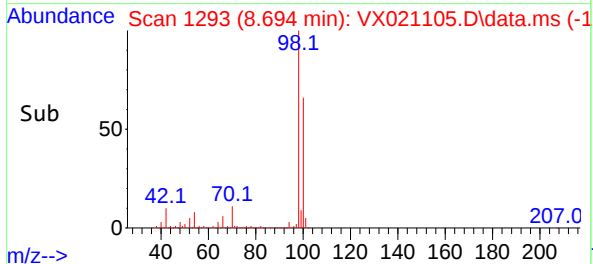
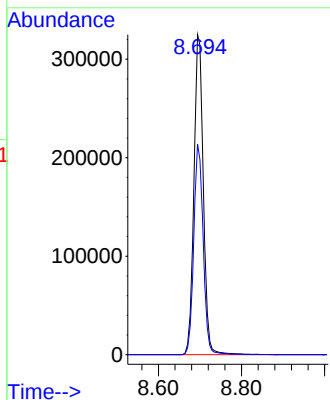
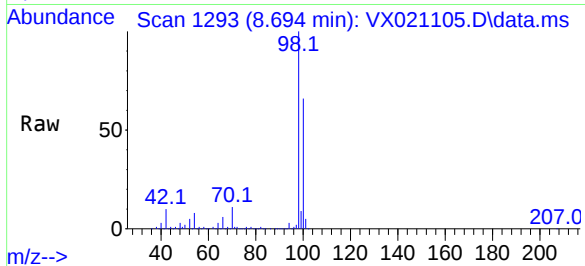




#50
Toluene-d8
Concen: 53.17 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

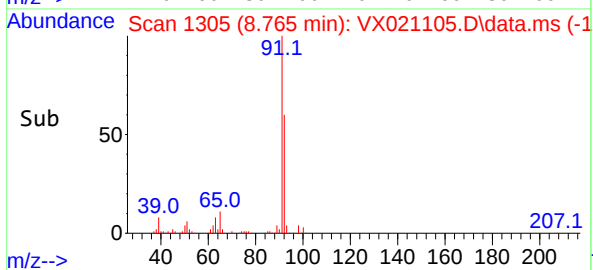
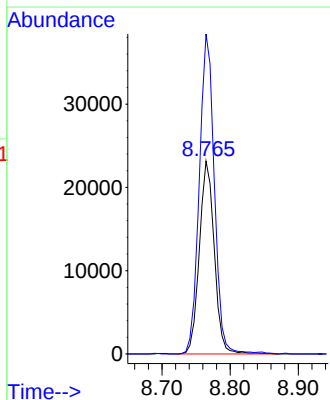
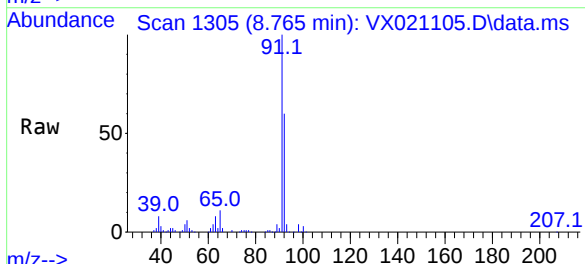
Instrument :
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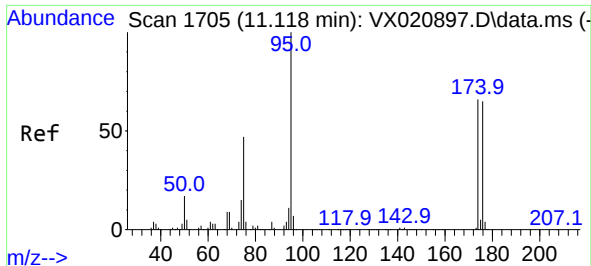
Tgt Ion: 98 Resp: 509663
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#52
Toluene
Concen: 4.92 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

Tgt Ion: 92 Resp: 35335
Ion Ratio Lower Upper
92 100
91 167.3 137.1 205.7

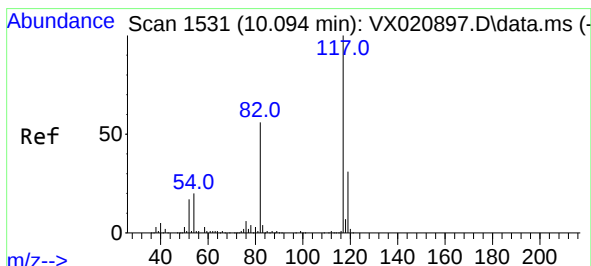
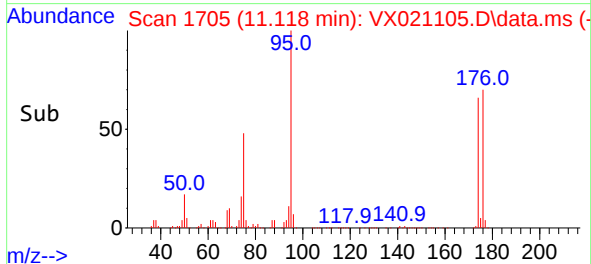
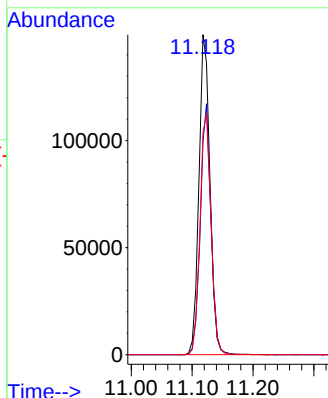
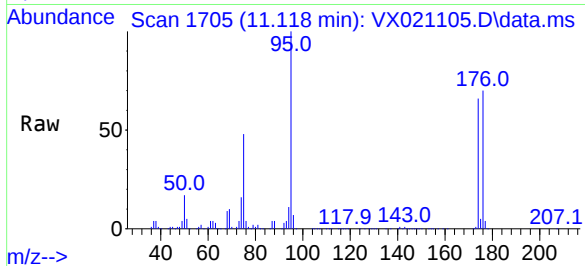




#62
4-Bromofluorobenzene
Concen: 53.05 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

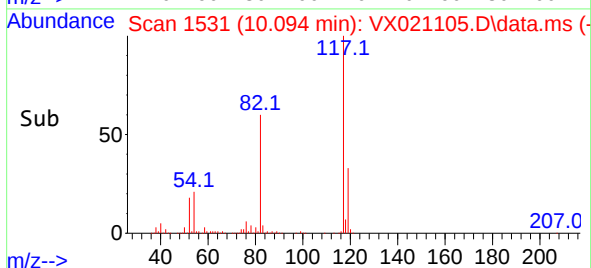
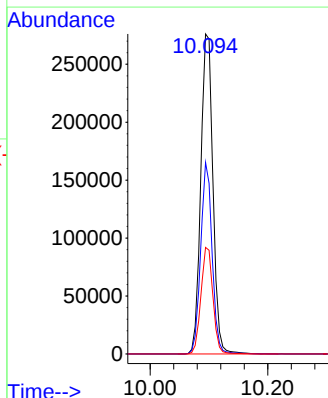
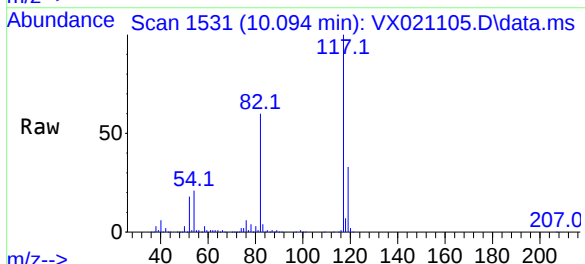
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-155-175-030821

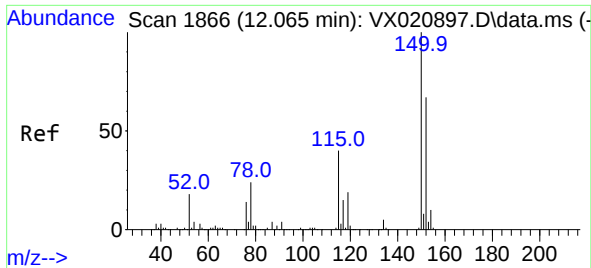
Tgt Ion: 95 Resp: 188040
Ion Ratio Lower Upper
95 100
174 75.4 0.0 154.6
176 75.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021105.D
Acq: 09 Mar 2021 14:06

Tgt Ion: 117 Resp: 397703
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 33.3 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.006 min
 Lab File: VX021105.D
 Acq: 09 Mar 2021 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR1-155-175-030821

Tgt Ion:152 Resp: 172955
 Ion Ratio Lower Upper
 152 100
 115 56.9 41.1 123.3
 150 153.6 0.0 349.0

