

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021108.D
 Acq On : 09 Mar 2021 15:08
 Operator : JC/MD
 Sample : M1611-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR1-175-200-030921

Quant Time: Mar 10 00:31:19 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)

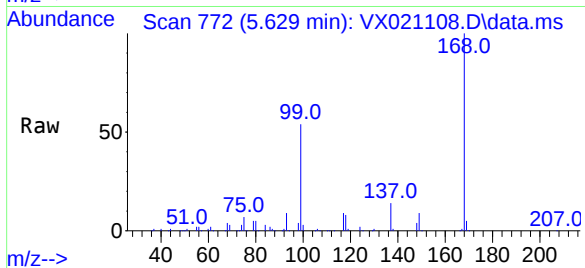
Internal Standards						
1) Pentafluorobenzene	5.629	168	202606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	377953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	376829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	168923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	136336	49.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.64%
35) Dibromofluoromethane	5.464	113	118245	51.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.98%
50) Toluene-d8	8.694	98	474218	52.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.92%
62) 4-Bromofluorobenzene	11.118	95	179216	54.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.26%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.370	101	1722	0.79	ug/l #	85
12) 1,1-Dichloroethene	2.358	96	87786	38.71	ug/l	95
16) Acetone	2.417	43	4422	3.92	ug/l	99
20) Methylene Chloride	2.834	84	1170	0.43	ug/l #	91
21) trans-1,2-Dichloroethene	3.152	96	1192	0.47	ug/l #	84
24) 1,1-Dichloroethane	3.676	63	11366	2.59	ug/l	97
27) cis-1,2-Dichloroethene	4.570	96	31960	10.89	ug/l	88
30) Chloroform	5.182	83	19427	4.39	ug/l	96
40) Benzene	6.123	78	3627	0.34	ug/l	96
42) 1,2-Dichloroethane	6.158	62	4268	1.19	ug/l	100
44) Trichloroethene	7.188	130	116669	41.21	ug/l	100
52) Toluene	8.765	92	255188	38.05	ug/l	97

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

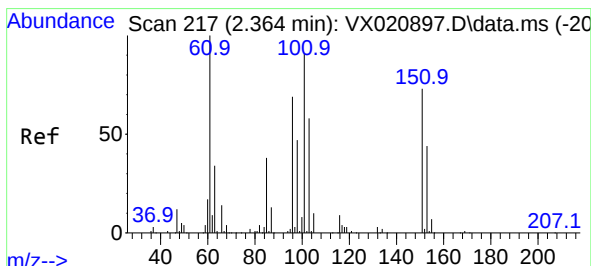
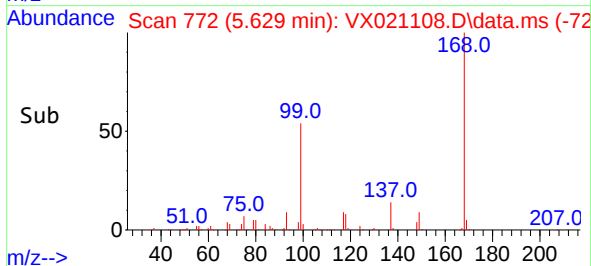
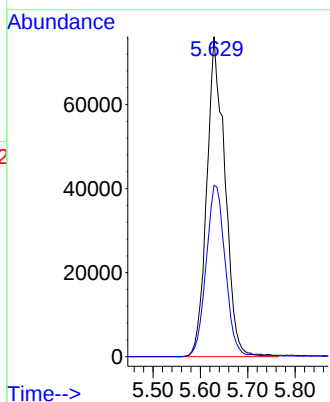


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

Instrument :
MSVOA_X
ClientSampleId :
GWBR1-175-200-030921

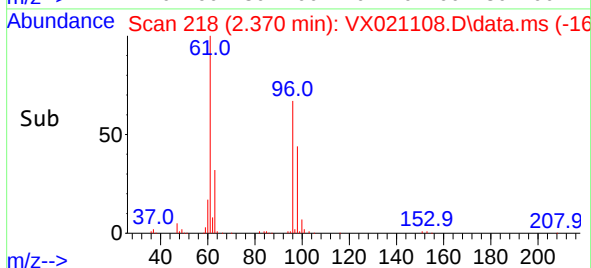
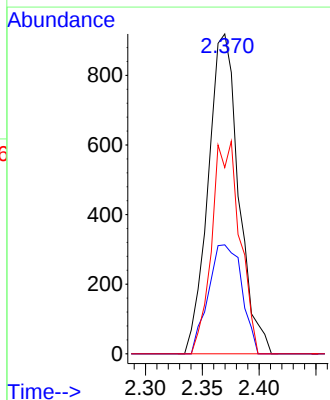
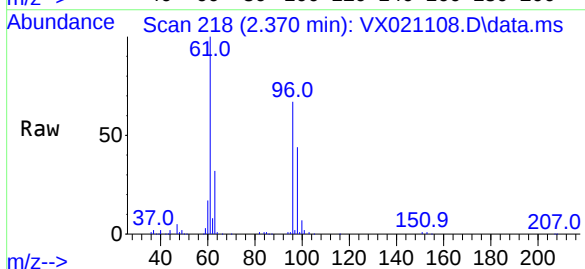


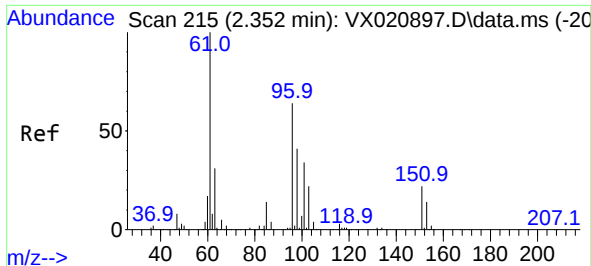
Tgt Ion:168 Resp: 202606
Ion Ratio Lower Upper
168 100
99 53.5 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.79 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

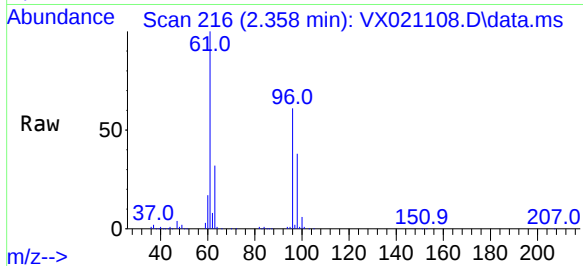
Tgt Ion:101 Resp: 1722
Ion Ratio Lower Upper
101 100
85 37.1 34.9 52.3
151 61.0 61.4 92.2#



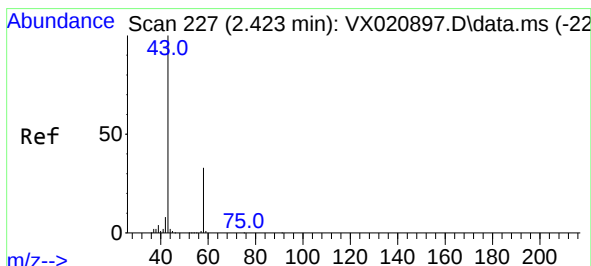
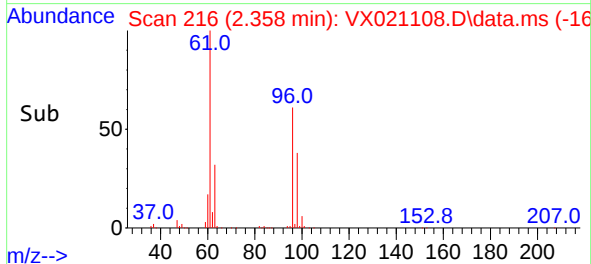
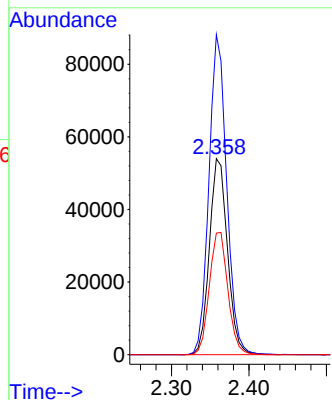


#12
1,1-Dichloroethene
Concen: 38.71 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

Instrument :
MSVOA_X
ClientSampleId :
GWBR1-175-200-030921

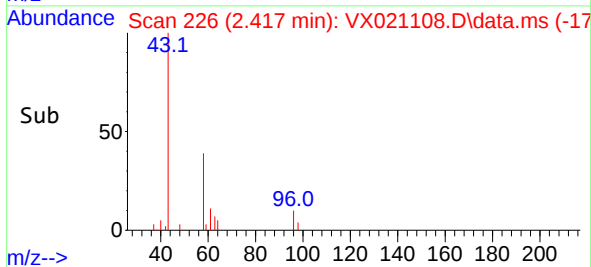
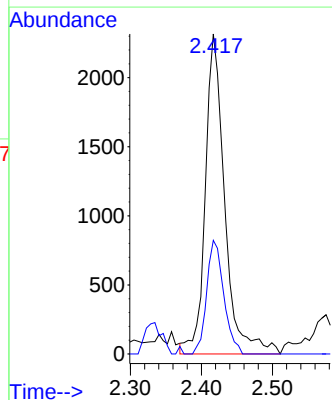
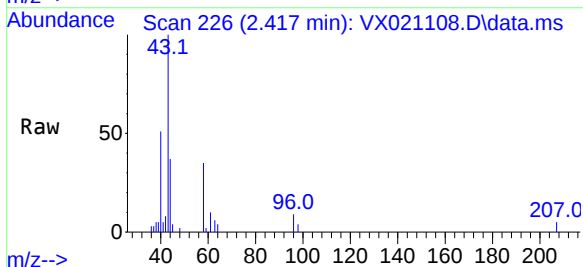


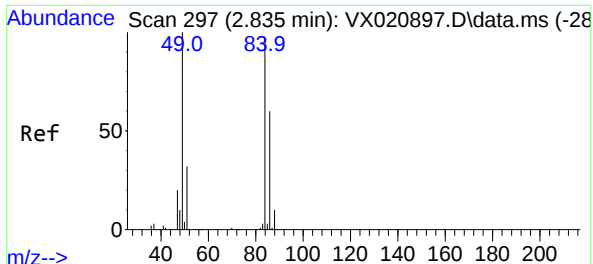
Tgt Ion: 96 Resp: 87786
Ion Ratio Lower Upper
96 100
61 163.3 124.6 187.0
98 62.1 50.6 76.0



#16
Acetone
Concen: 3.92 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

Tgt Ion: 43 Resp: 4422
Ion Ratio Lower Upper
43 100
58 35.5 27.8 41.8



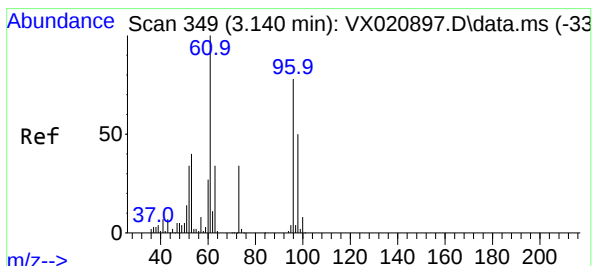
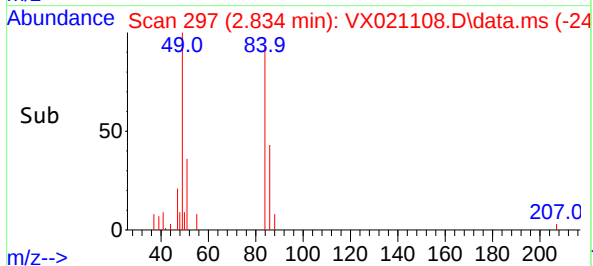
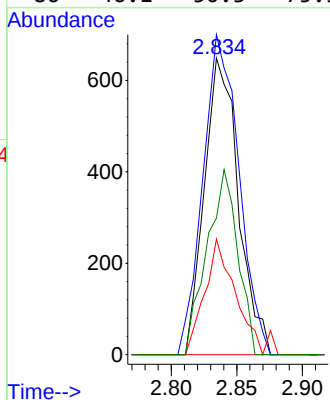
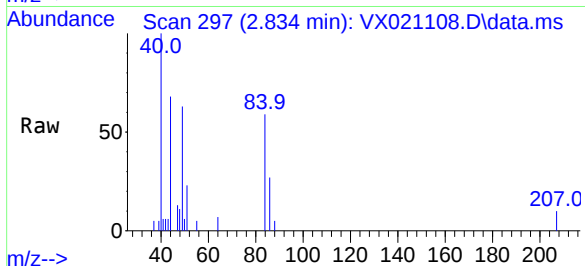


#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

Instrument :
MSVOA_X
ClientSampleId :
GWBR1-175-200-030921

Tgt Ion: 84 Resp: 1170

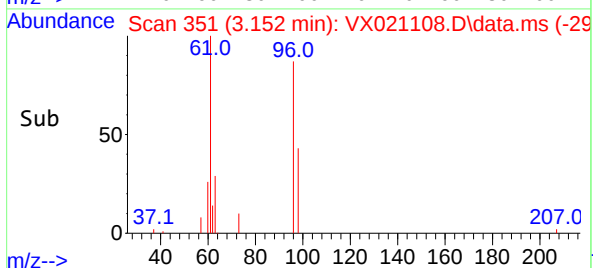
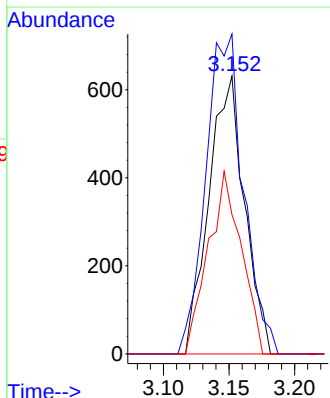
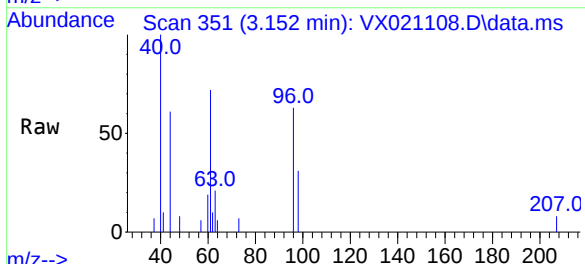
Ion	Ratio	Lower	Upper
84	100		
49	107.9	88.6	132.8
51	39.0	27.0	40.6
86	46.1	50.3	75.5#

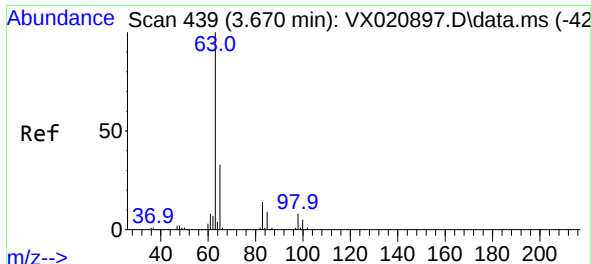


#21
trans-1,2-Dichloroethene
Concen: 0.47 ug/l
RT: 3.152 min Scan# 351
Delta R.T. 0.012 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

Tgt Ion: 96 Resp: 1192

Ion	Ratio	Lower	Upper
96	100		
61	115.2	107.7	161.5
98	50.1	50.4	75.6#

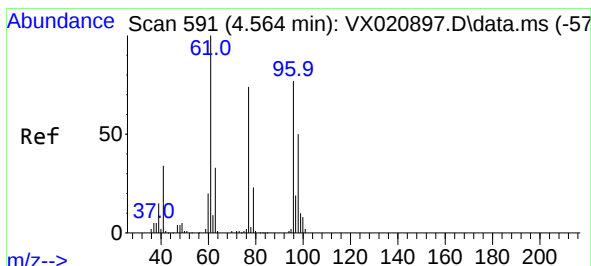
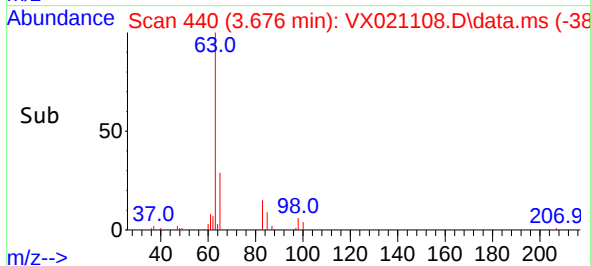
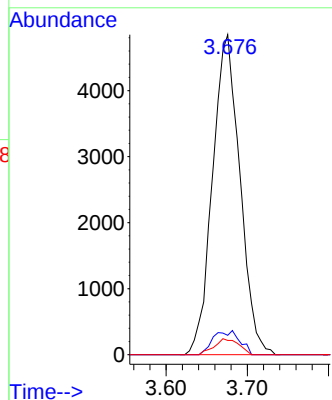
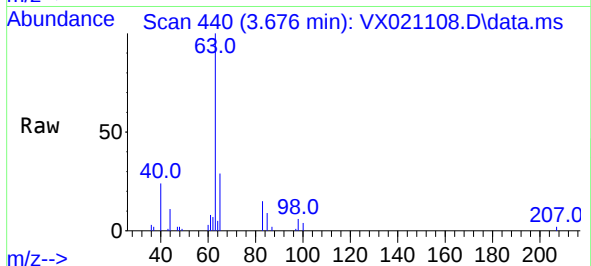




#24
1,1-Dichloroethane
Concen: 2.59 ug/l
RT: 3.676 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

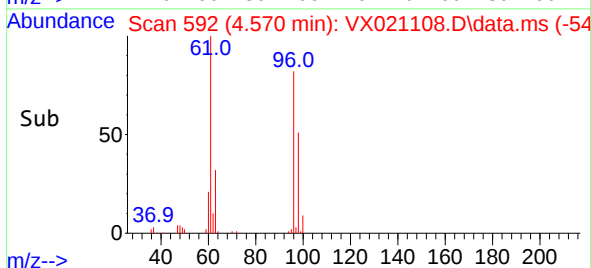
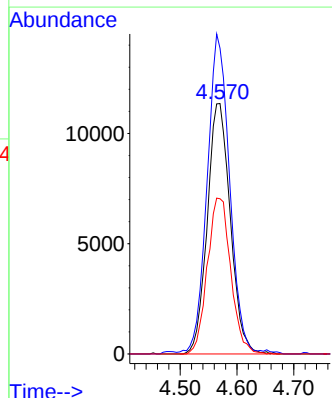
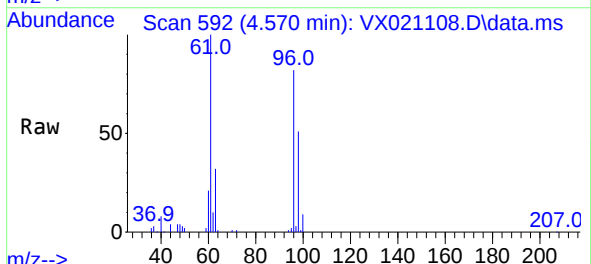
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-175-200-030921

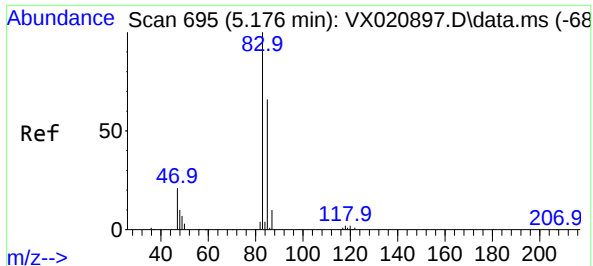
Tgt Ion: 63 Resp: 11366
Ion Ratio Lower Upper
63 100
98 6.0 3.8 11.2
100 4.4 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 10.89 ug/l
RT: 4.570 min Scan# 592
Delta R.T. 0.006 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

Tgt Ion: 96 Resp: 31960
Ion Ratio Lower Upper
96 100
61 122.2 0.0 285.6
98 63.3 0.0 129.6

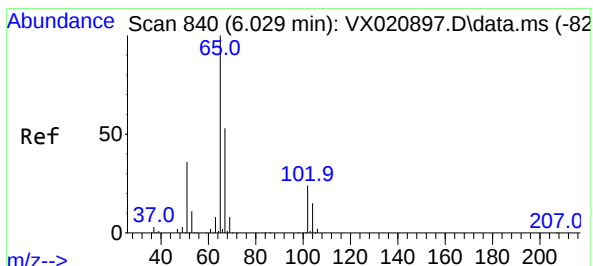
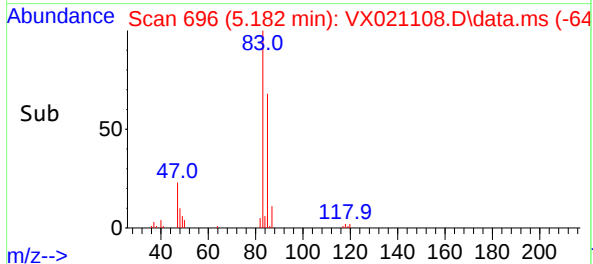
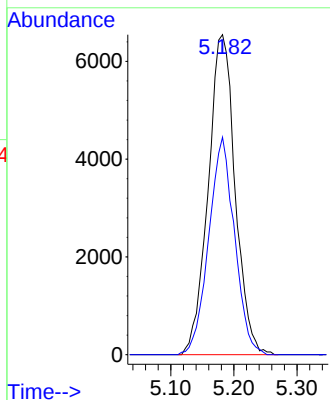
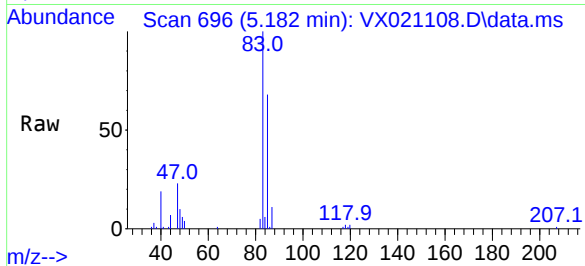




#30
Chloroform
Concen: 4.39 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

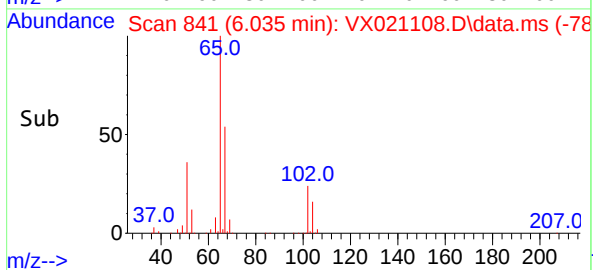
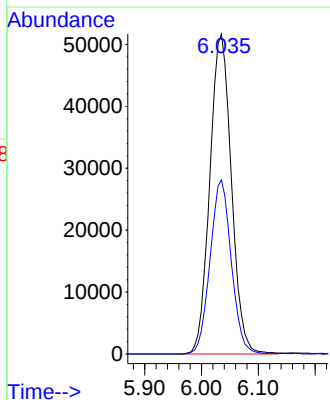
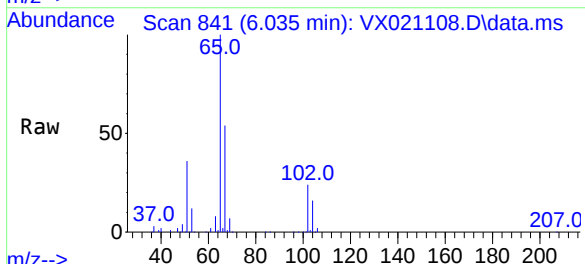
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-175-200-030921

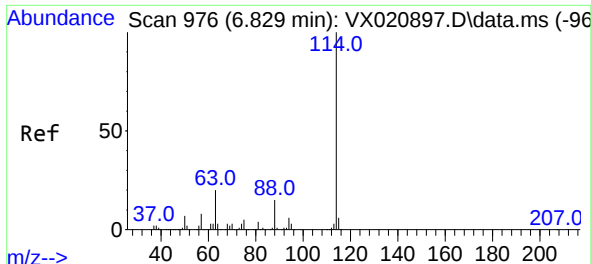
Tgt Ion: 83 Resp: 19427
Ion Ratio Lower Upper
83 100
85 68.0 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 49.82 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

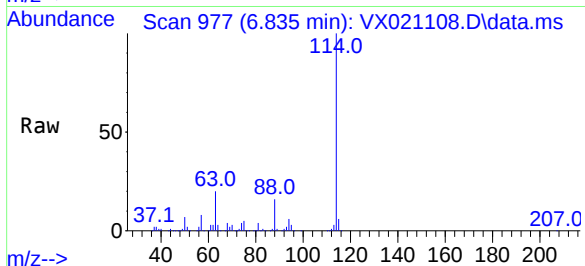
Tgt Ion: 65 Resp: 136336
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



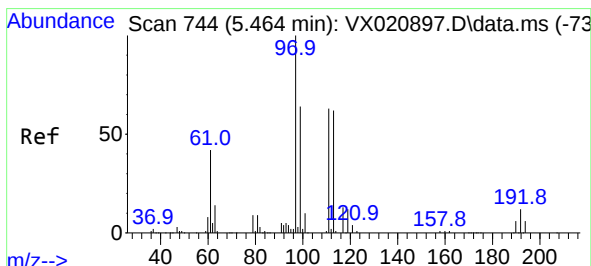
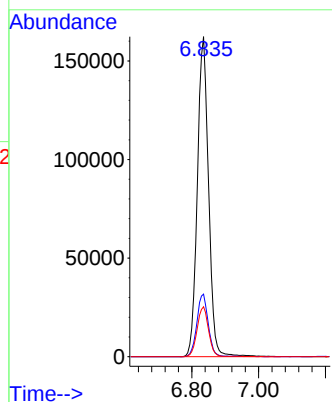
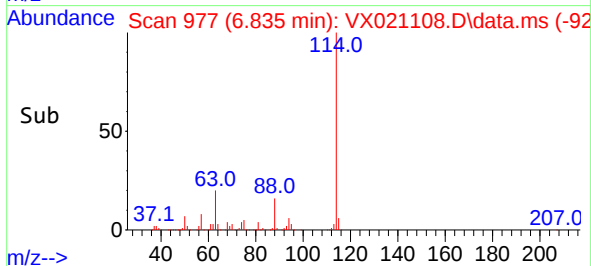


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

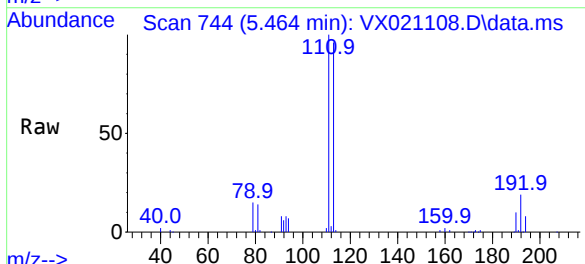
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-175-200-030921



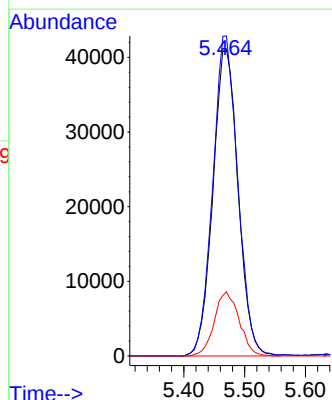
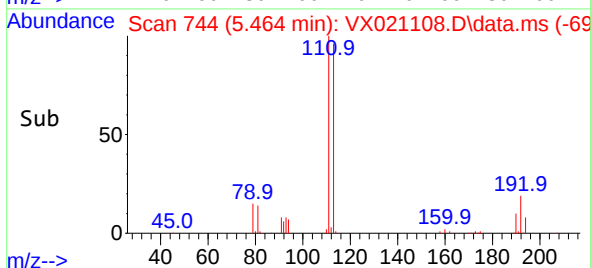
Tgt Ion:114 Resp: 377953
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 15.6 0.0 32.8

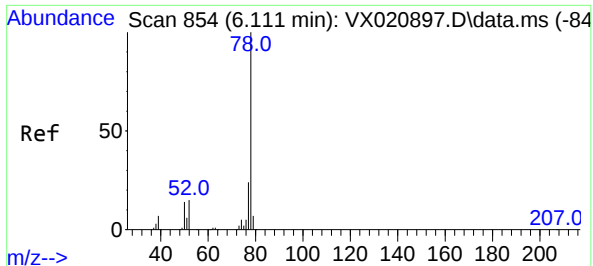


#35
Dibromofluoromethane
Concen: 51.49 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08



Tgt Ion:113 Resp: 118245
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 20.6 16.7 25.1

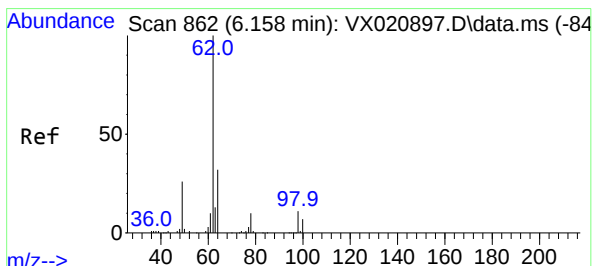
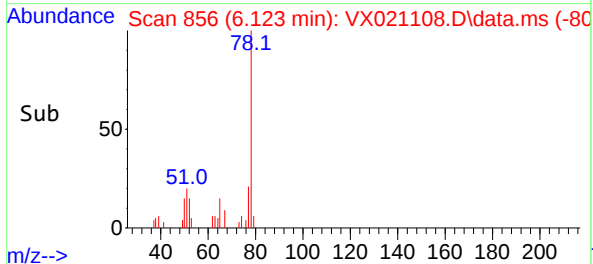
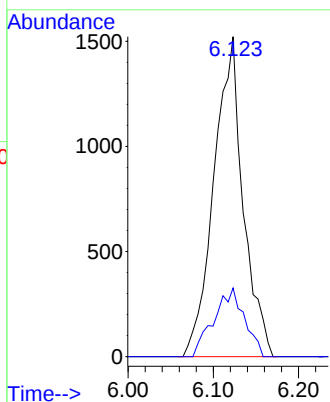
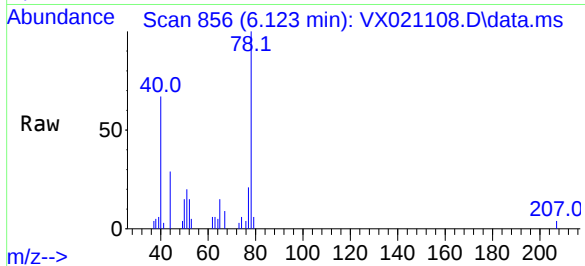




#40
Benzene
Concen: 0.34 ug/l
RT: 6.123 min Scan# 856
Delta R.T. 0.012 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

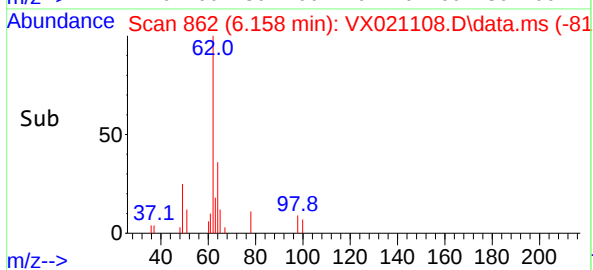
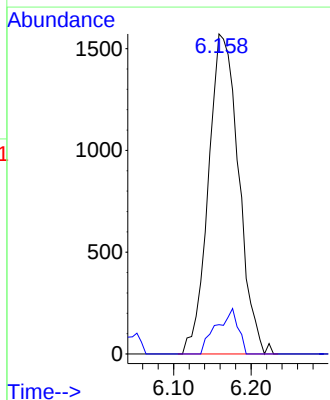
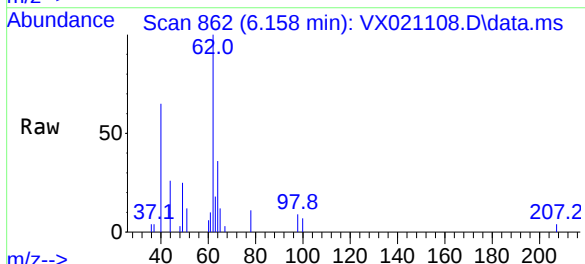
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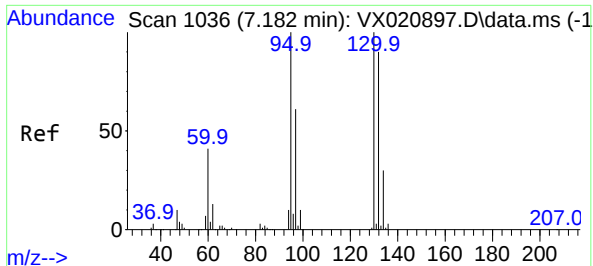
Tgt Ion: 78 Resp: 3627
Ion Ratio Lower Upper
78 100
77 21.4 18.9 28.3



#42
1,2-Dichloroethane
Concen: 1.19 ug/l
RT: 6.158 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

Tgt Ion: 62 Resp: 4268
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2

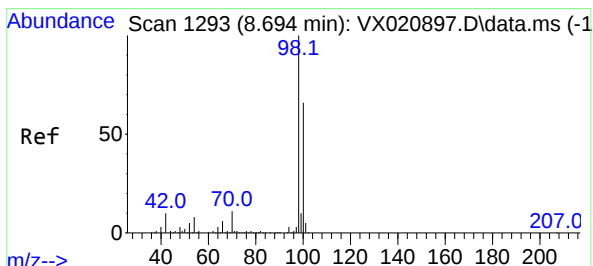
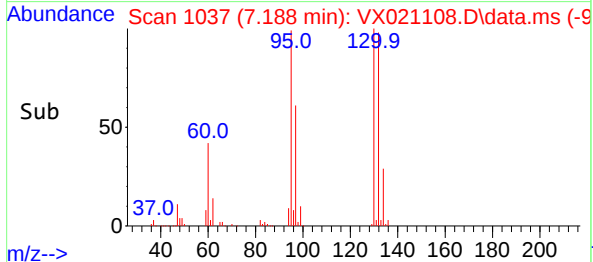
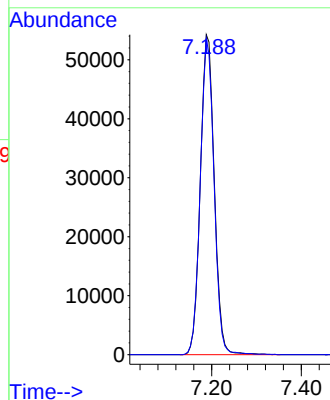
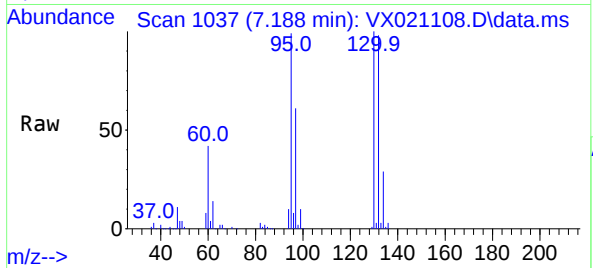




#44
Trichloroethene
Concen: 41.21 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

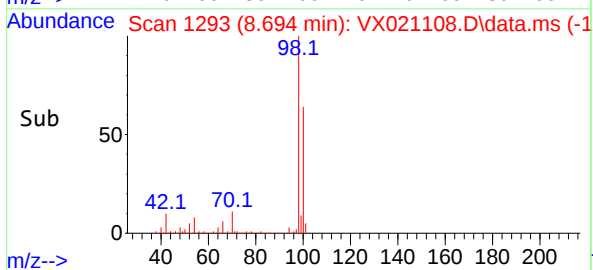
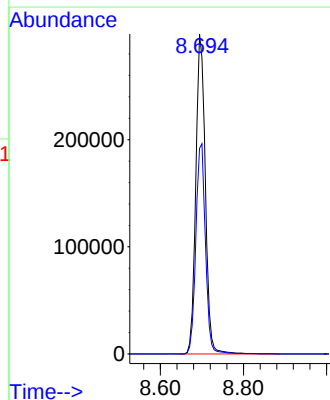
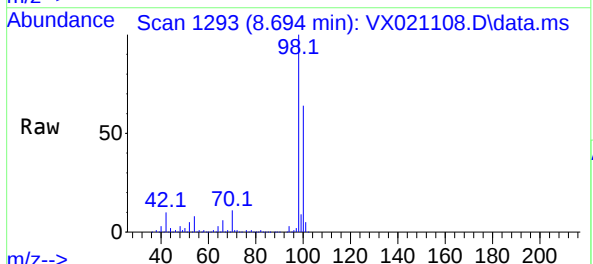
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-175-200-030921

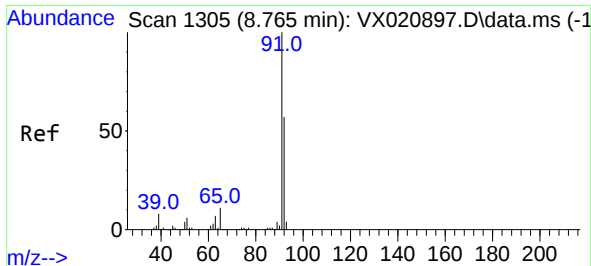
Tgt Ion:130 Resp: 116669
Ion Ratio Lower Upper
130 100
95 98.8 0.0 198.0



#50
Toluene-d8
Concen: 52.96 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

Tgt Ion: 98 Resp: 474218
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9

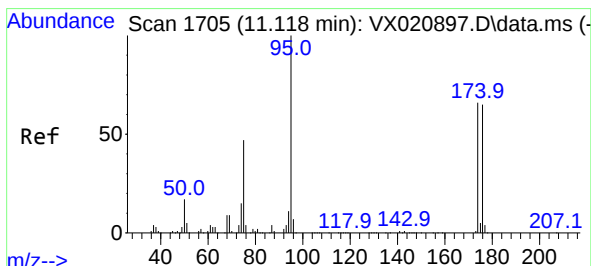
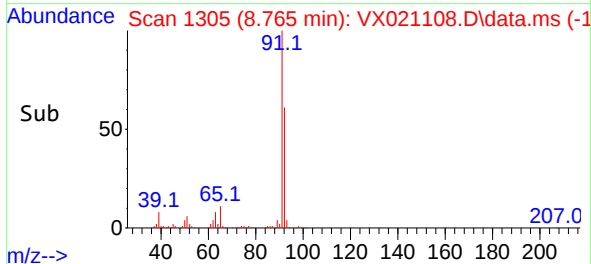
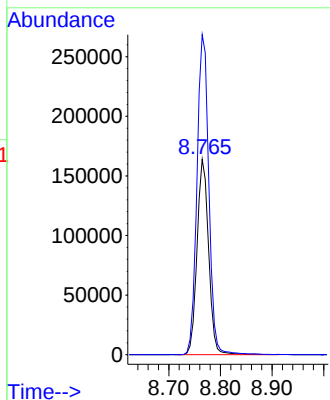
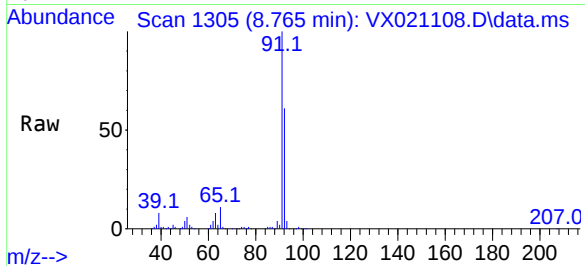




#52
Toluene
Concen: 38.05 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

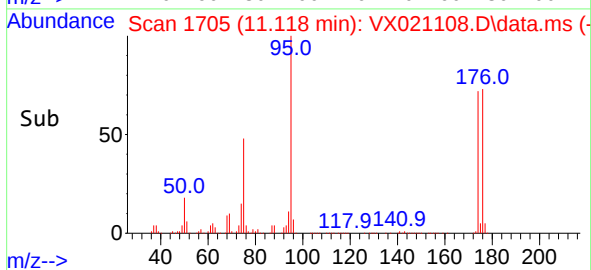
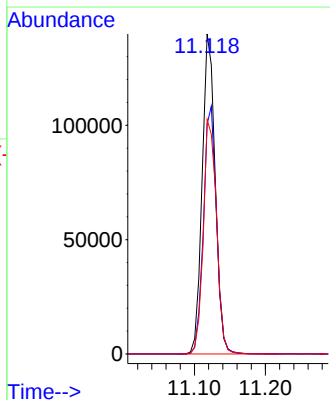
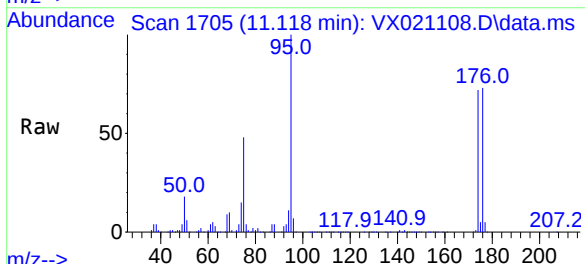
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-175-200-030921

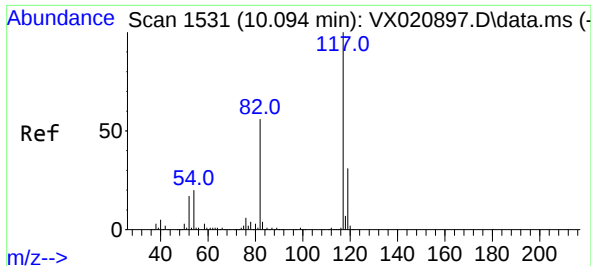
Tgt Ion: 92 Resp: 255188
Ion Ratio Lower Upper
92 100
91 167.6 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 54.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

Tgt Ion: 95 Resp: 179216
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.6
176 74.0 0.0 155.8

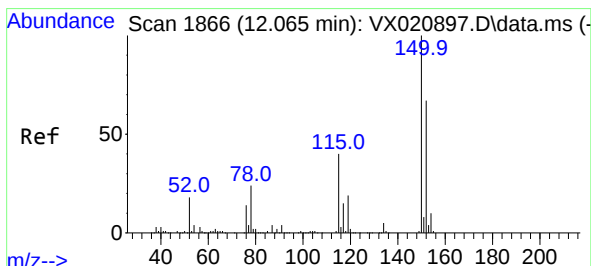
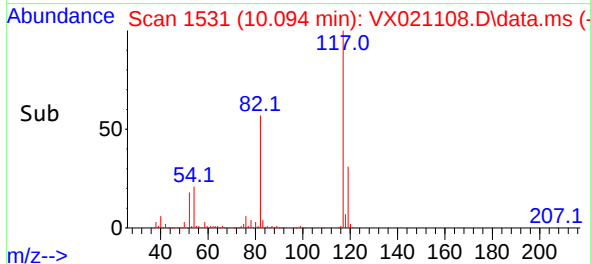
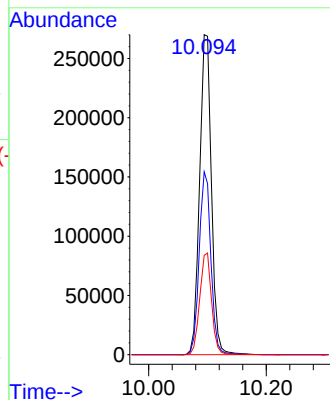
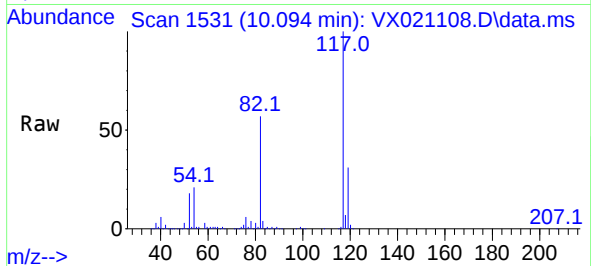




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021108.D
Acq: 09 Mar 2021 15:08

Instrument :
MSVOA_X
ClientSampleId :
GWBR1-175-200-030921

Tgt Ion:117 Resp: 376829
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.1 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: VX021108.D
Acq: 09 Mar 2021 15:08

Tgt Ion:152 Resp: 168923
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 155.7 0.0 349.0

