

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021353.D
 Acq On : 22 Mar 2021 13:24
 Operator : JC/MD
 Sample : M1755-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR1-219-236-031921-FD

Quant Time: Mar 23 01:59:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

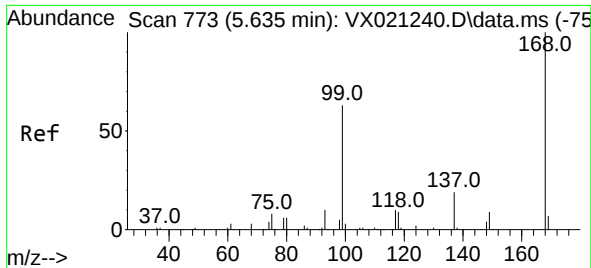
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	79759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	130846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63068	48.21	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.42%		
35) Dibromofluoromethane	5.464	113	44868	50.39	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.78%		
50) Toluene-d8	8.694	98	156900	48.57	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.14%		
62) 4-Bromofluorobenzene	11.118	95	56774	45.25	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.50%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1308	Below Cal		93
5) Bromomethane	1.646	94	147	0.35 ug/l #		2
9) 1,1,2-Trichlorotrifluo...	2.370	101	285	0.34 ug/l #		88
11) Tert butyl alcohol	3.011	59	207	0.94 ug/l #		73
12) 1,1-Dichloroethene	2.364	96	342	0.42 ug/l #		81
13) Acrolein	2.270	56	68	3.64 ug/l #		14
14) Allyl chloride	2.676	41	447	0.27 ug/l #		50
16) Acetone	2.423	43	4083	8.48 ug/l #		77
17) Carbon Disulfide	2.558	76	275	0.65 ug/l #		75
20) Methylene Chloride	2.834	84	835	0.84 ug/l #		78
25) 2-Butanone	4.641	43	1224	1.65 ug/l		99
27) cis-1,2-Dichloroethene	4.570	96	1442	1.38 ug/l		97
30) Chloroform	5.170	83	24991	13.81 ug/l		94
31) Cyclohexane	5.623	56	2172	1.37 ug/l #		45
36) 1,1-Dichloropropene	5.629	75	7292	5.53 ug/l #		49
38) Carbon Tetrachloride	5.623	117	8770	6.41 ug/l #		15
44) Trichloroethene	7.188	130	10058	10.42 ug/l		99
47) Bromodichloromethane	7.876	83	921	0.64 ug/l #		95
48) Methyl methacrylate	7.747	41	371	0.28 ug/l #		71
51) 4-Methyl-2-Pentanone	8.618	43	790	0.54 ug/l #		63
52) Toluene	8.765	92	111355	49.56 ug/l		98
53) t-1,3-Dichloropropene	8.765	75	1424	0.94 ug/l #		1
59) 2-Hexanone	9.471	43	295	0.27 ug/l		66
76) 1,2,3-Trichloropropane	11.118	75	31799	29.36 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	31799	79.71 ug/l #		12

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

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QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

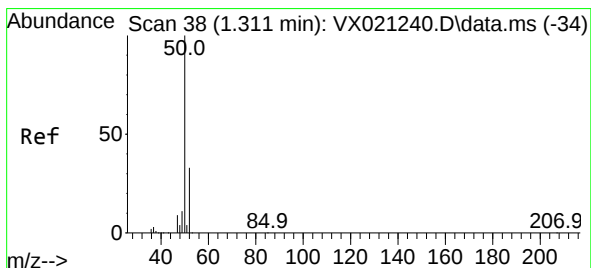
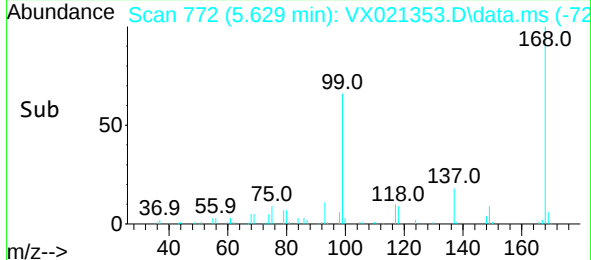
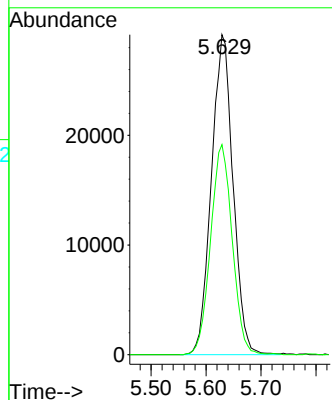
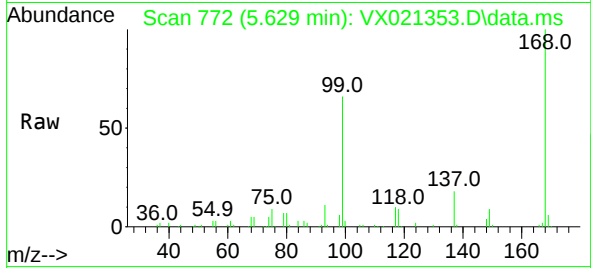




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

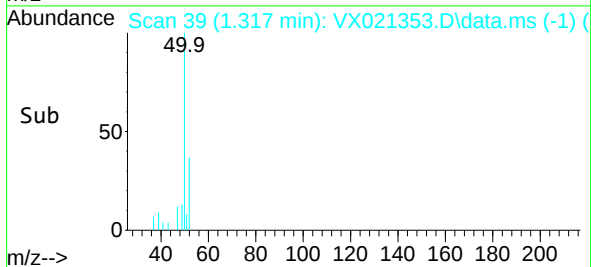
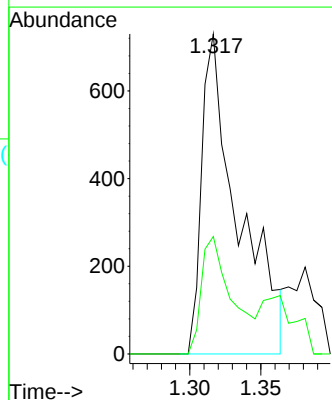
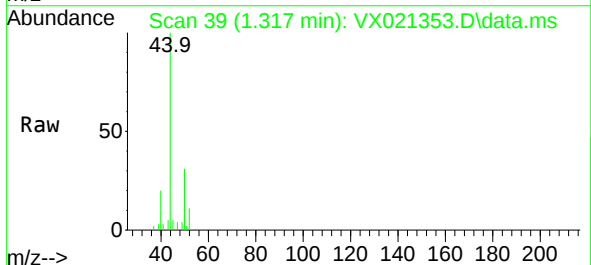
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-219-236-031921-FD

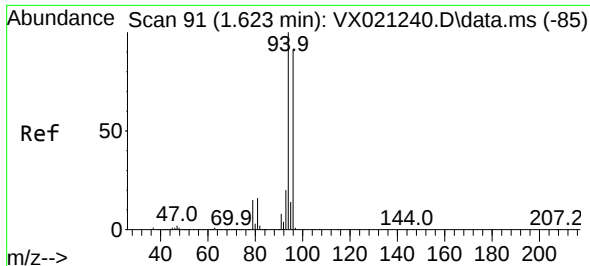
Tgt Ion:168 Resp: 79759
Ion Ratio Lower Upper
168 100
99 65.7 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

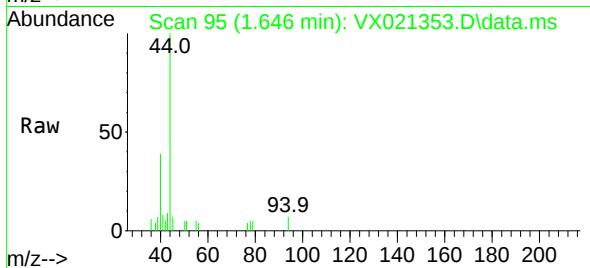
Tgt Ion: 50 Resp: 1308
Ion Ratio Lower Upper
50 100
52 36.7 26.4 39.6



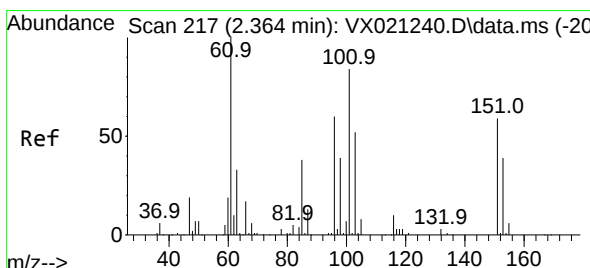
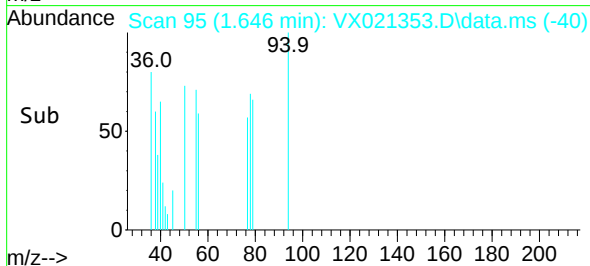
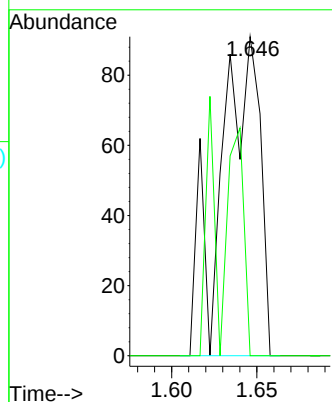


#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

Instrument :
MSVOA_X
ClientSampleId :
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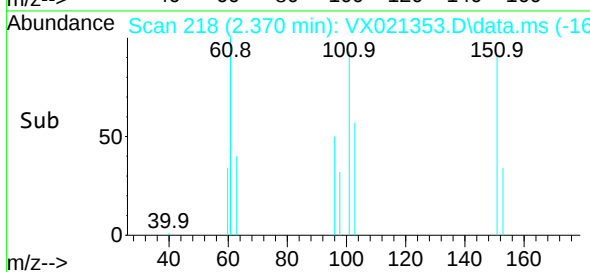
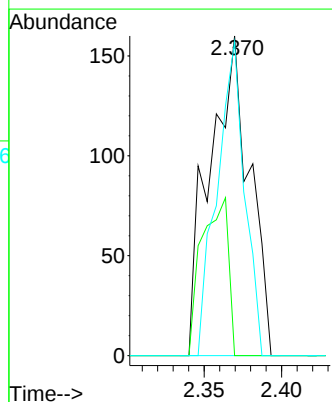
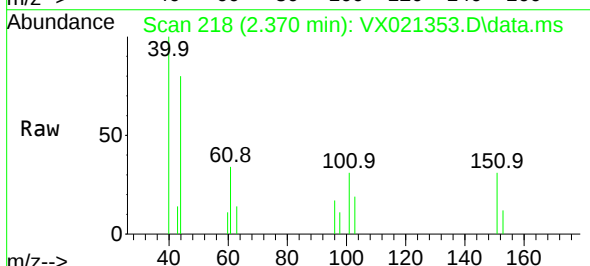


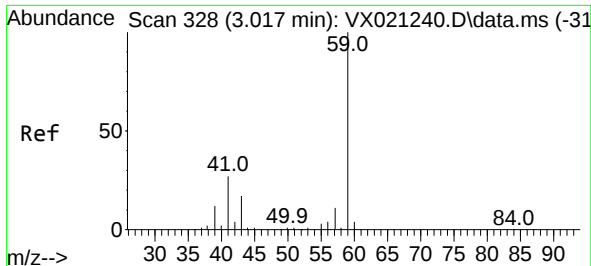
Tgt Ion: 94 Resp: 147
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.34 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

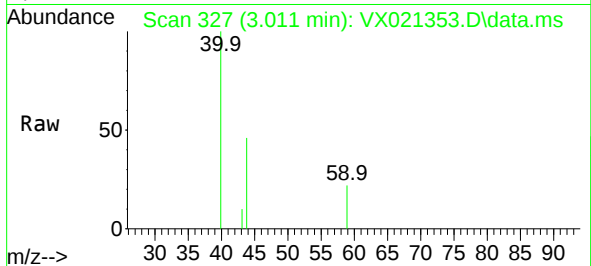
Tgt Ion: 101 Resp: 285
Ion Ratio Lower Upper
101 100
85 33.0 34.9 52.3#
151 68.4 61.4 92.2



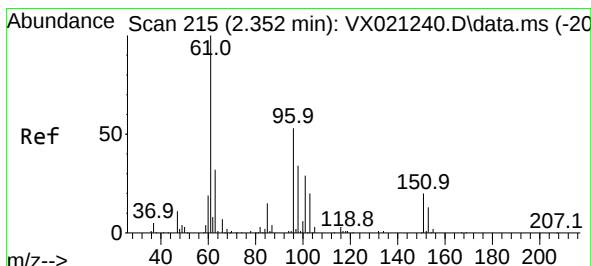
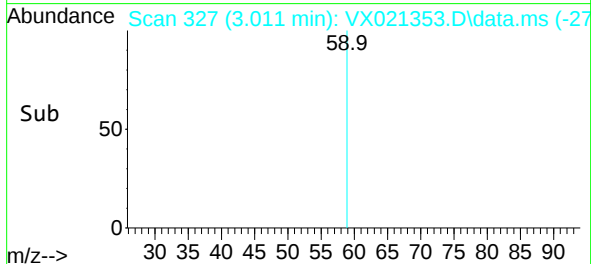
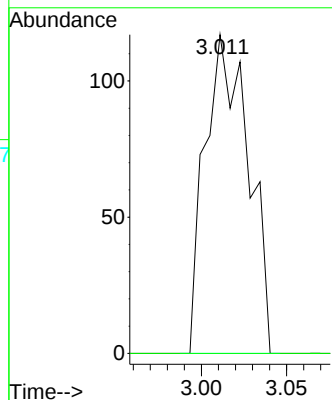


#11
Tert butyl alcohol
Concen: 0.94 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

Instrument :
MSVOA_X
ClientSampleId :
GWBR1-219-236-031921-FD

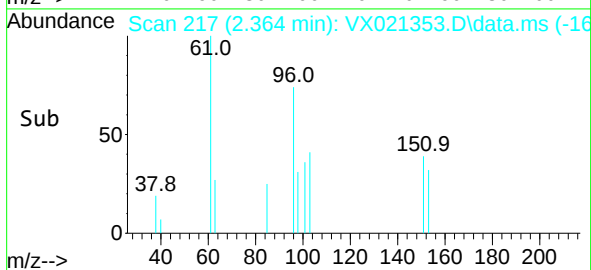
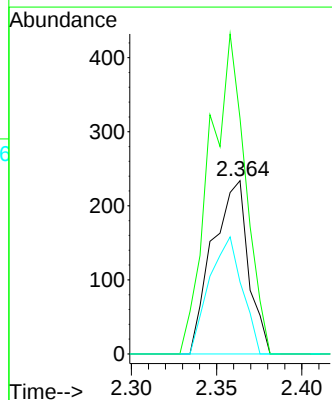
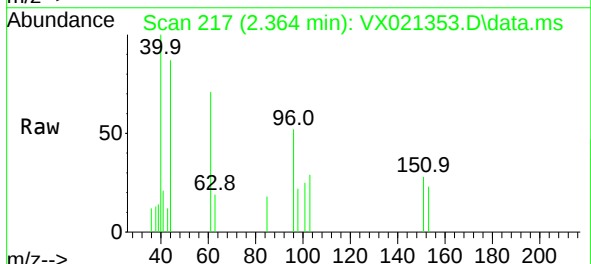


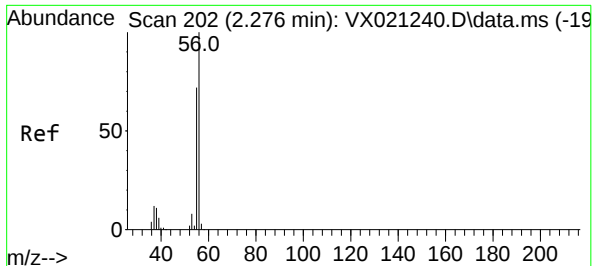
Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.42 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

Tgt Ion: 96 Resp: 342
Ion Ratio Lower Upper
96 100
61 135.9 124.6 187.0
98 41.5 50.6 76.0#

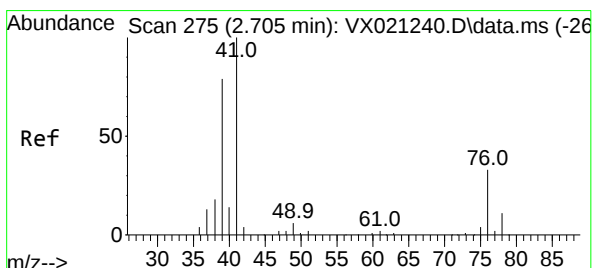
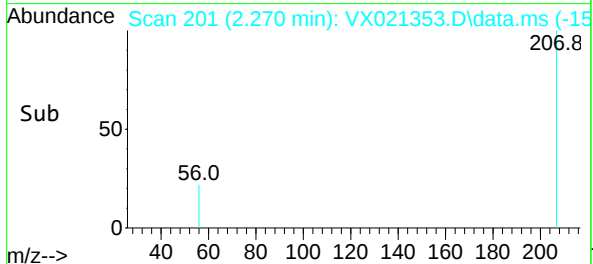
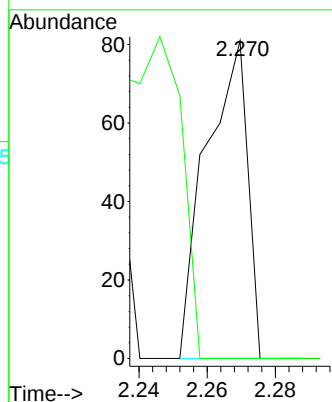
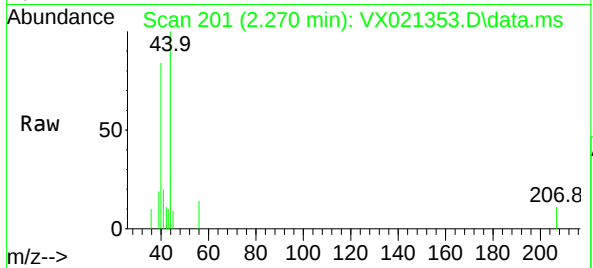




#13
Acrolein
Concen: 3.64 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

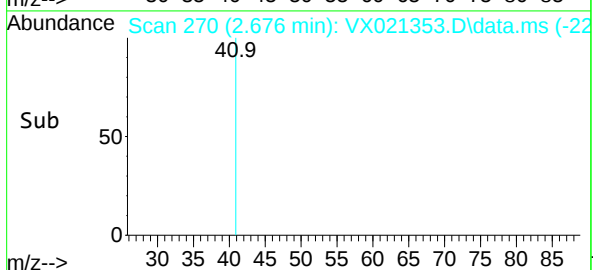
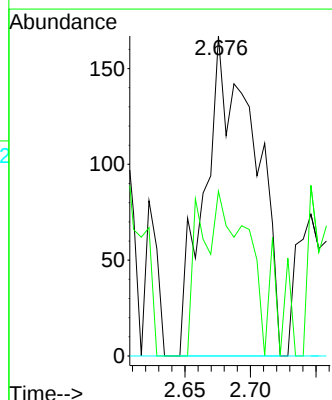
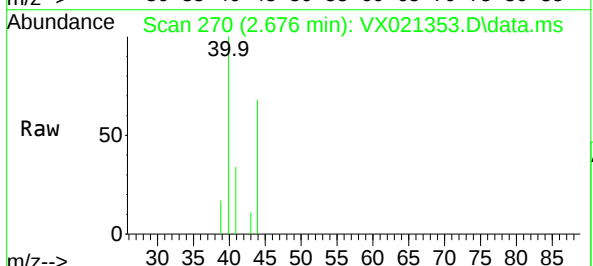
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-219-236-031921-FD

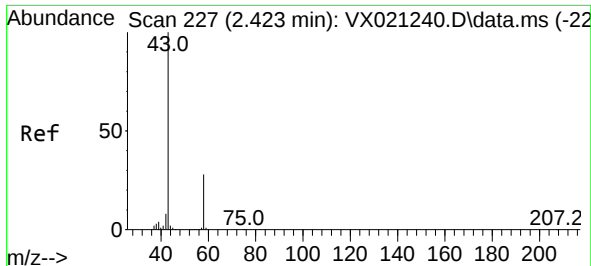
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.27 ug/l
RT: 2.676 min Scan# 270
Delta R.T. -0.029 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

Tgt Ion: 41 Resp: 447
Ion Ratio Lower Upper
41 100
39 31.5 51.6 77.4#
76 0.0 30.5 45.7#

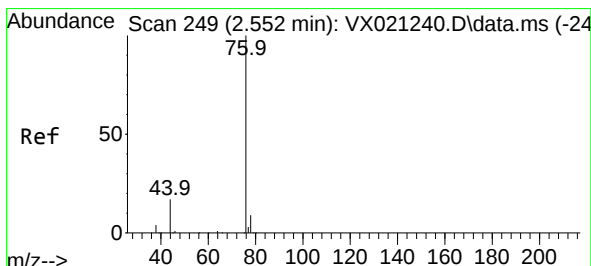
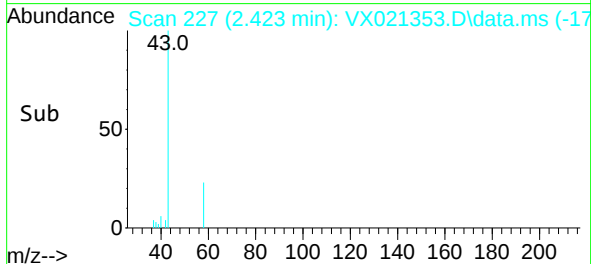
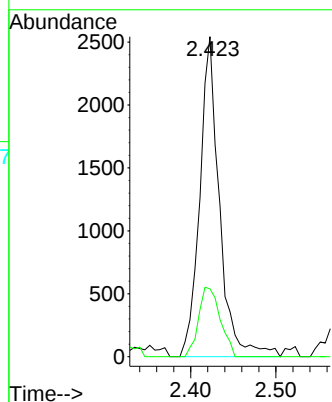
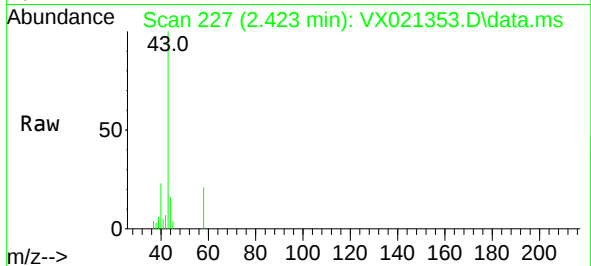




#16
Acetone
Concen: 8.48 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

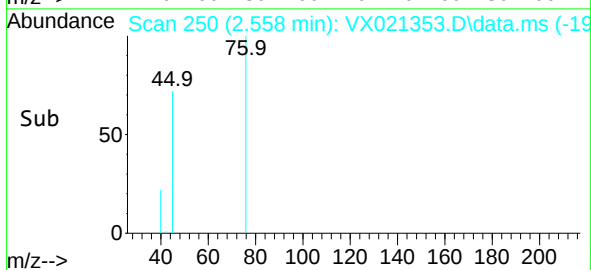
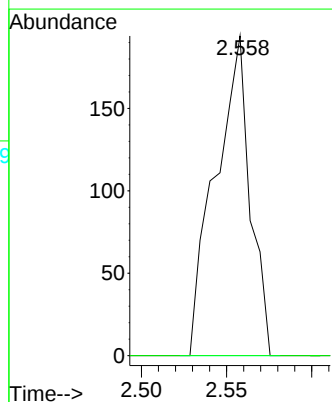
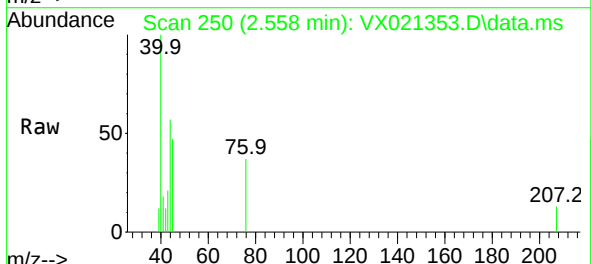
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-219-236-031921-FD

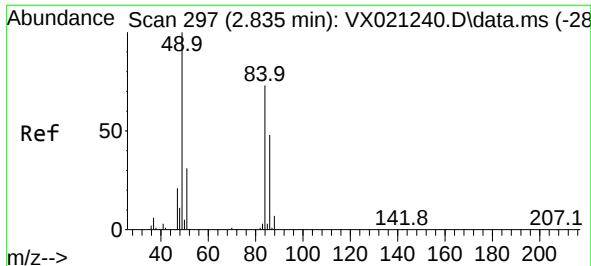
Tgt Ion: 43 Resp: 4083
Ion Ratio Lower Upper
43 100
58 21.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.65 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

Tgt Ion: 76 Resp: 275
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.84 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.001 min

Lab File: VX021353.D

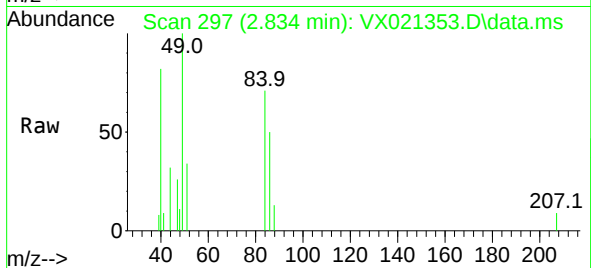
Acq: 22 Mar 2021 13:24

Instrument :

MSVOA_X

ClientSampleId :

GWBR1-219-236-031921-FD



Tgt Ion: 84 Resp: 835

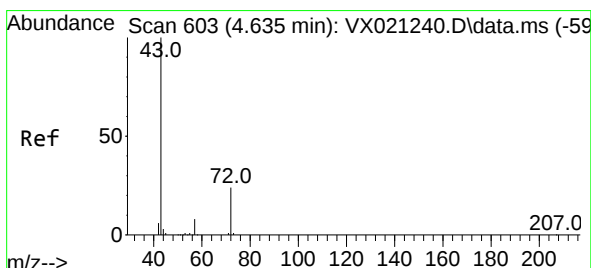
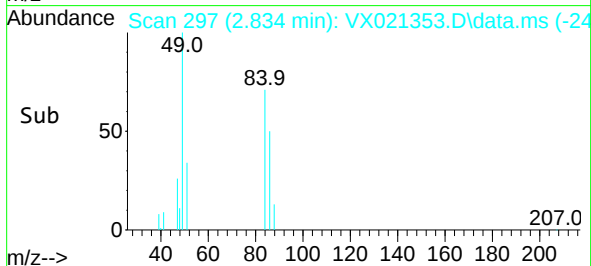
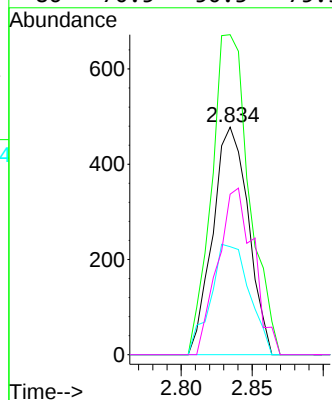
Ion Ratio Lower Upper

84 100

49 140.6 88.6 132.8#

51 47.5 27.0 40.6#

86 70.5 50.3 75.5



#25

2-Butanone

Concen: 1.65 ug/l

RT: 4.641 min Scan# 604

Delta R.T. 0.006 min

Lab File: VX021353.D

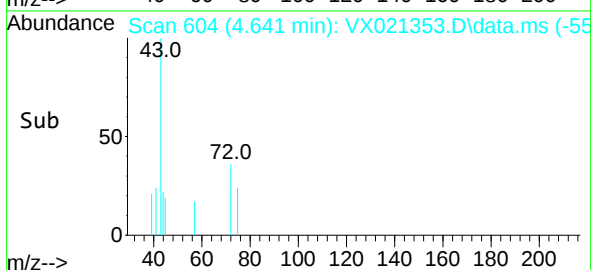
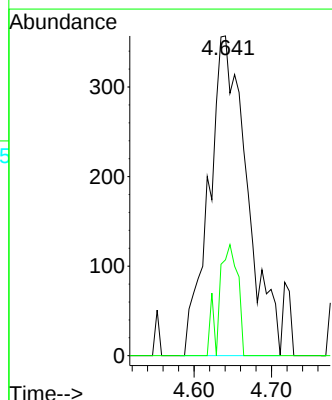
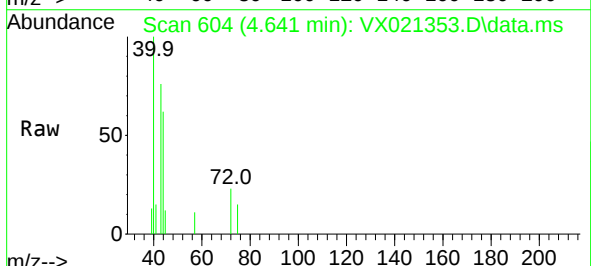
Acq: 22 Mar 2021 13:24

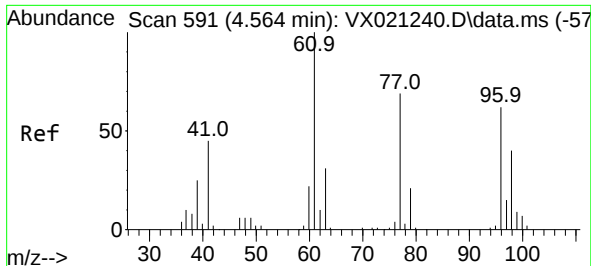
Tgt Ion: 43 Resp: 1224

Ion Ratio Lower Upper

43 100

72 30.0 23.7 35.5





#27

cis-1,2-Dichloroethene

Concen: 1.38 ug/l

RT: 4.570 min Scan# 592

Delta R.T. 0.006 min

Lab File: VX021353.D

Acq: 22 Mar 2021 13:24

Tgt Ion: 96 Resp: 1442

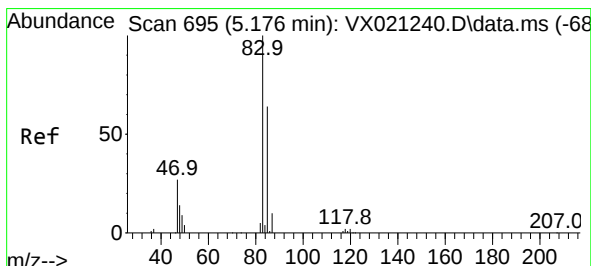
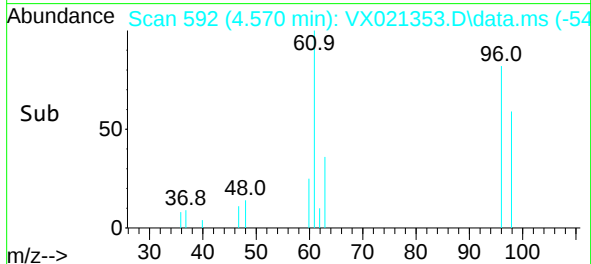
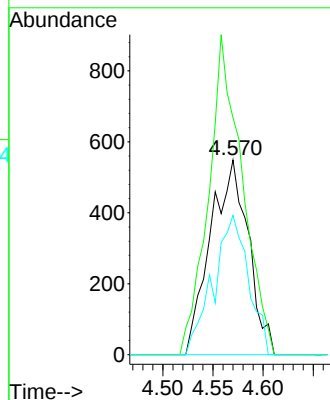
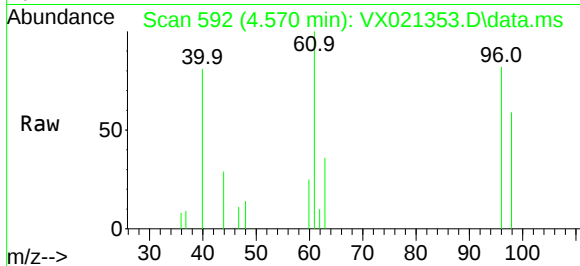
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	285.6
98	66.3	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

GWBR1-219-236-031921-FD



#30

Chloroform

Concen: 13.81 ug/l

RT: 5.170 min Scan# 694

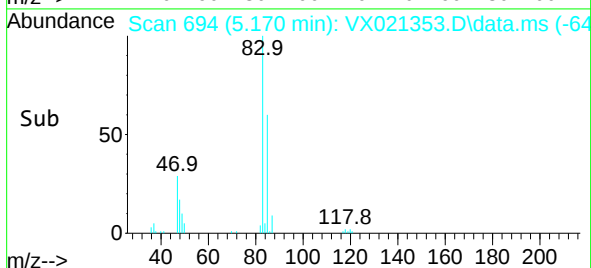
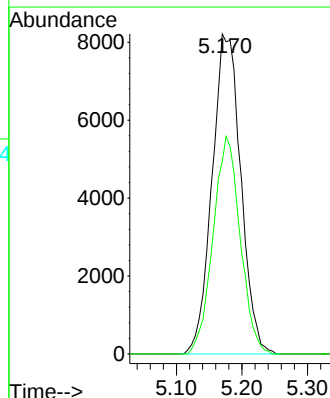
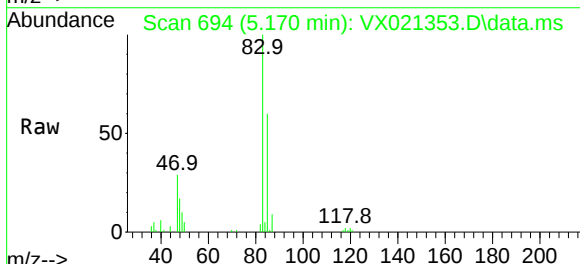
Delta R.T. -0.006 min

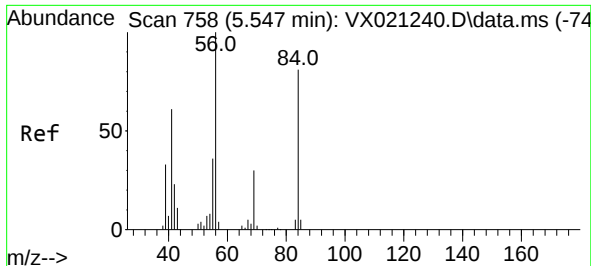
Lab File: VX021353.D

Acq: 22 Mar 2021 13:24

Tgt Ion: 83 Resp: 24991

Ion	Ratio	Lower	Upper
83	100		
85	60.2	52.0	78.0





#31

Cyclohexane

Concen: 1.37 ug/l

RT: 5.623 min Scan# 771

Delta R.T. 0.076 min

Lab File: VX021353.D

Acq: 22 Mar 2021 13:24

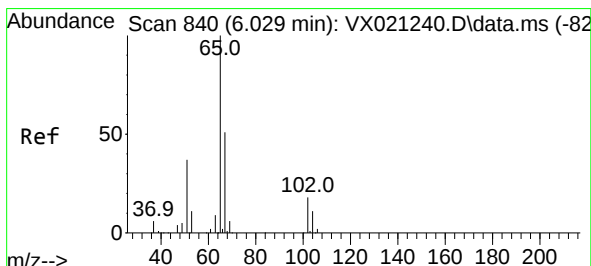
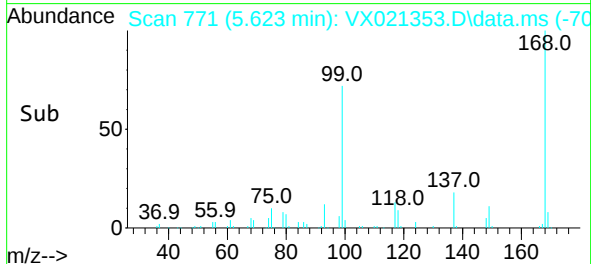
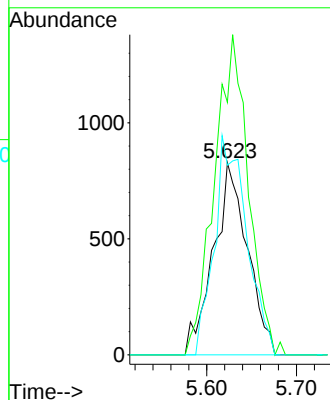
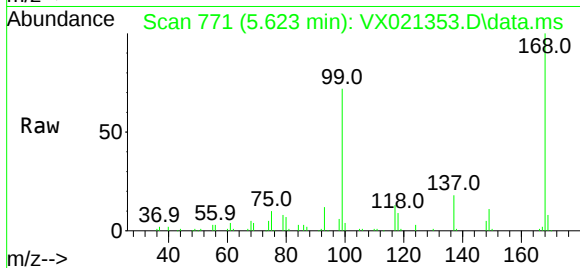
Tgt Ion: 56 Resp: 2172

Ion Ratio Lower Upper

56 100

69 131.4 25.3 37.9#

84 98.7 71.4 107.0



#33

1,2-Dichloroethane-d4

Concen: 48.21 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021353.D

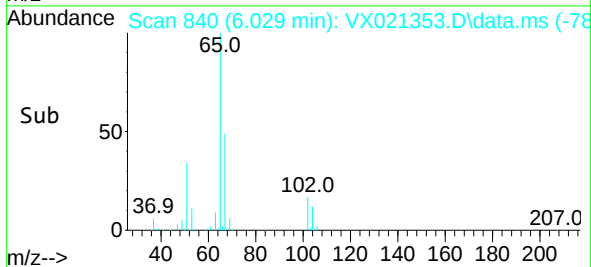
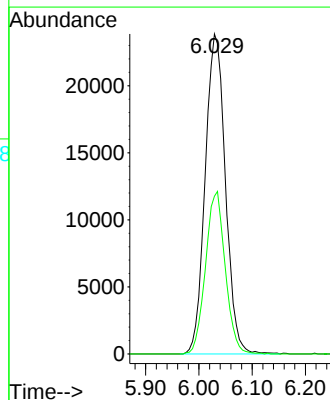
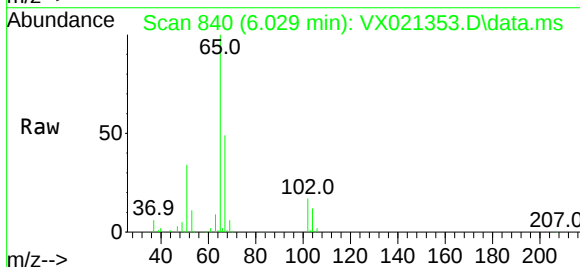
Acq: 22 Mar 2021 13:24

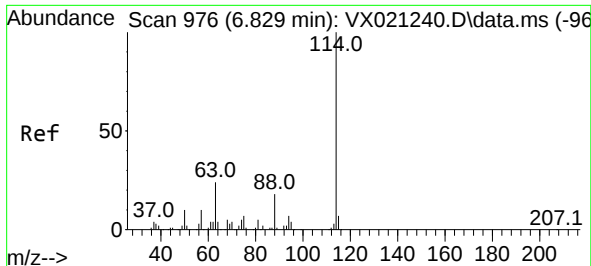
Tgt Ion: 65 Resp: 63068

Ion Ratio Lower Upper

65 100

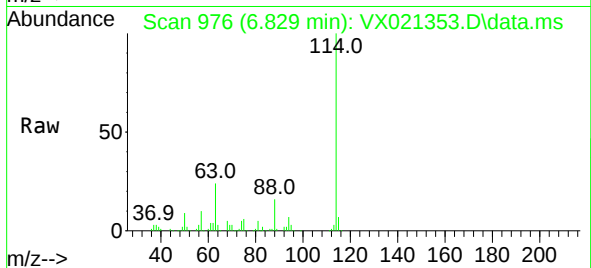
67 49.4 0.0 105.4



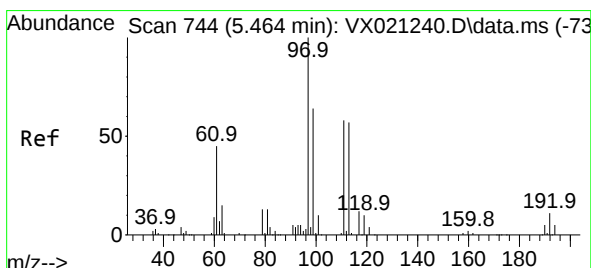
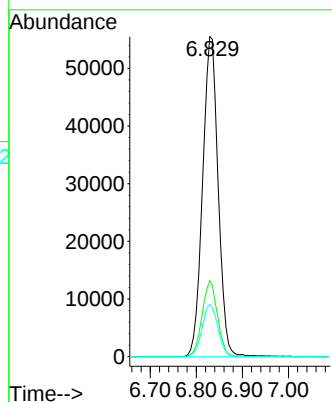
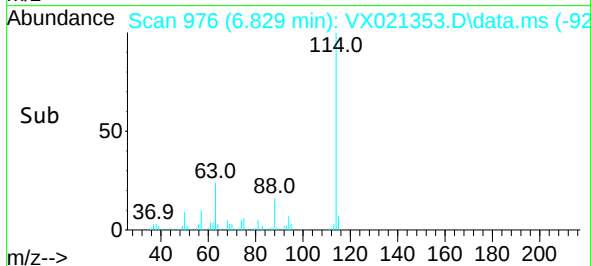


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

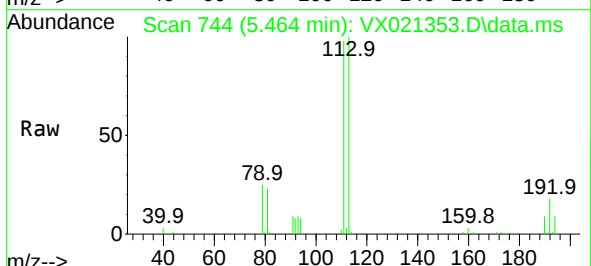
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-219-236-031921-FD



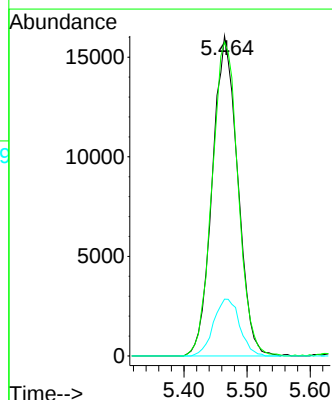
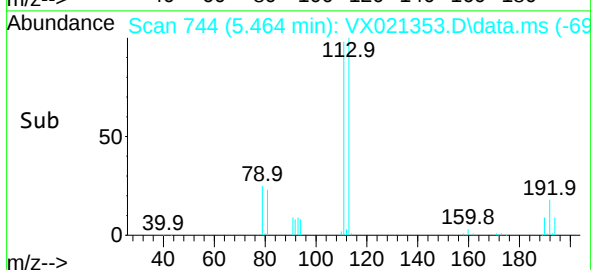
Tgt Ion:114 Resp: 130846
Ion Ratio Lower Upper
114 100
63 23.8 0.0 40.8
88 16.3 0.0 32.8

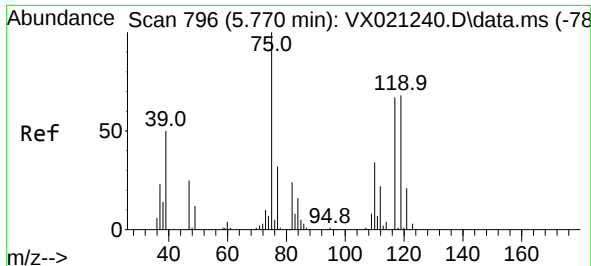


#35
Dibromofluoromethane
Concen: 50.39 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24



Tgt Ion:113 Resp: 44868
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 18.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.53 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.141 min

Lab File: VX021353.D

Acq: 22 Mar 2021 13:24

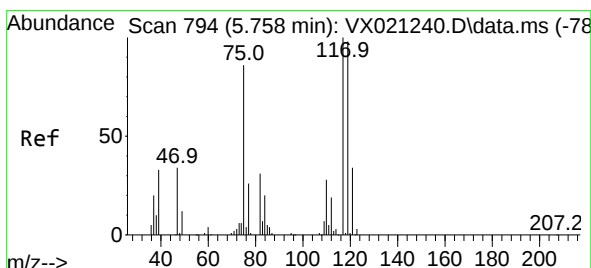
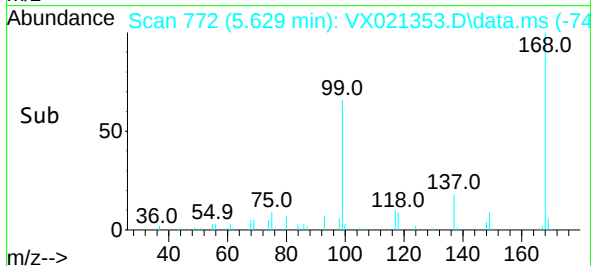
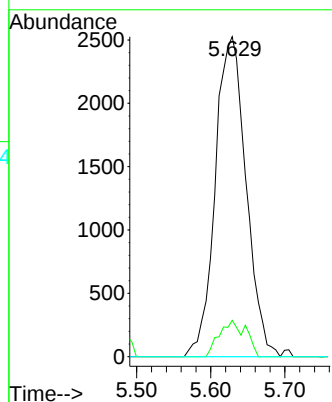
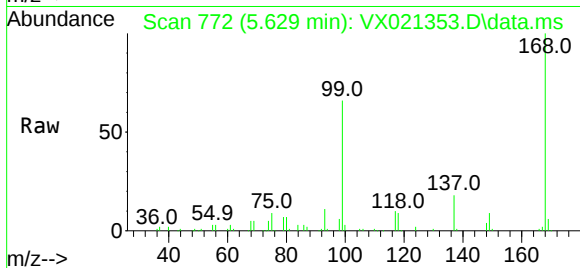
Tgt Ion:	75	Resp:	7292
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

GWBR1-219-236-031921-FD



#38

Carbon Tetrachloride

Concen: 6.41 ug/l

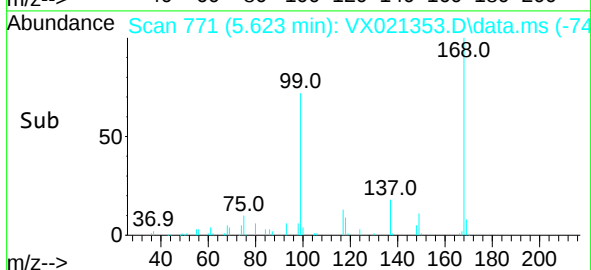
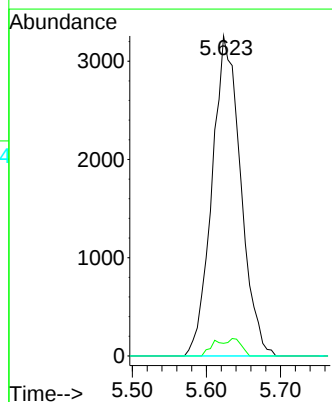
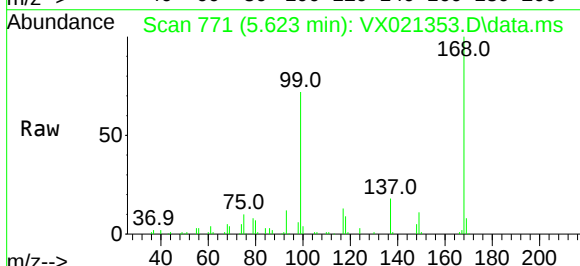
RT: 5.623 min Scan# 771

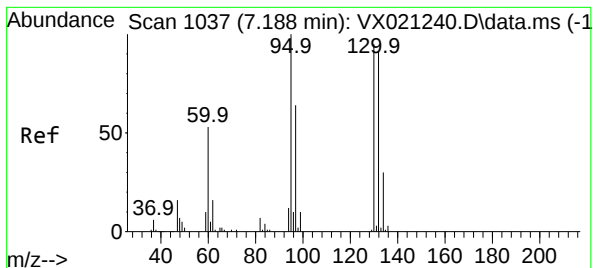
Delta R.T. -0.135 min

Lab File: VX021353.D

Acq: 22 Mar 2021 13:24

Tgt Ion:	117	Resp:	8770
Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.2	114.2#
121	0.0	24.8	37.2#





#44

Trichloroethene

Concen: 10.42 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021353.D

Acq: 22 Mar 2021 13:24

Tgt Ion:130 Resp: 10058

Ion Ratio Lower Upper

130 100

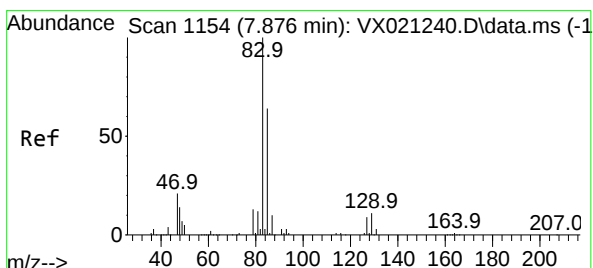
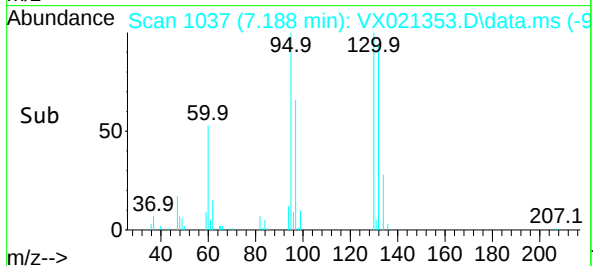
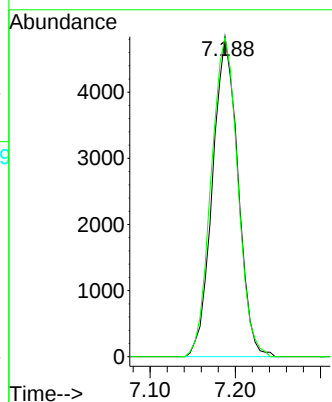
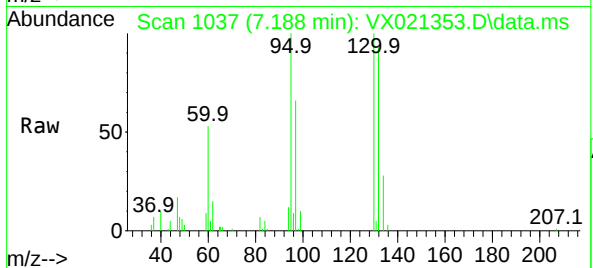
95 99.8 0.0 198.0

Instrument :

MSVOA_X

ClientSampleId :

GWBR1-219-236-031921-FD



#47

Bromodichloromethane

Concen: 0.64 ug/l

RT: 7.876 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VX021353.D

Acq: 22 Mar 2021 13:24

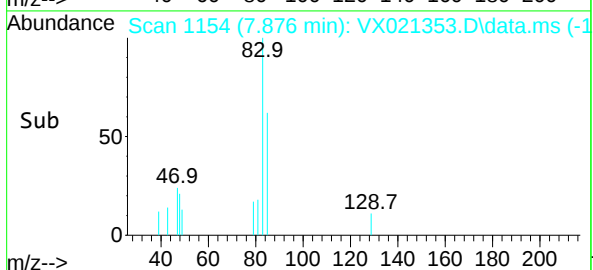
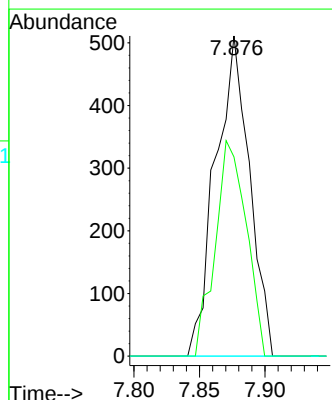
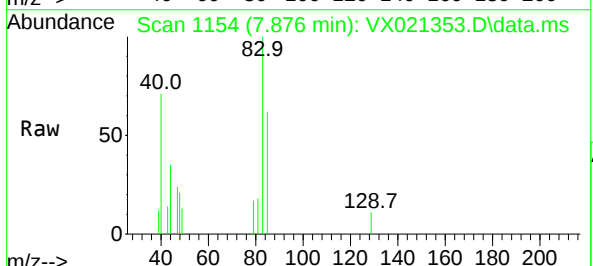
Tgt Ion: 83 Resp: 921

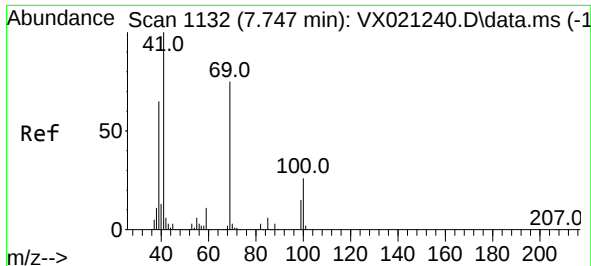
Ion Ratio Lower Upper

83 100

85 62.2 51.4 77.0

127 0.0 6.8 10.2#

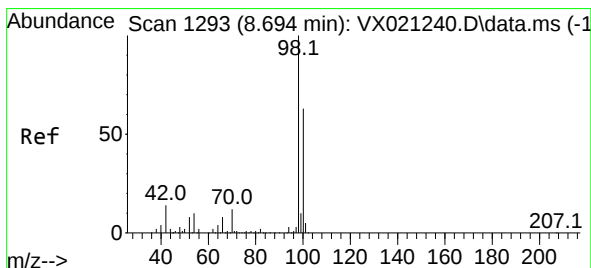
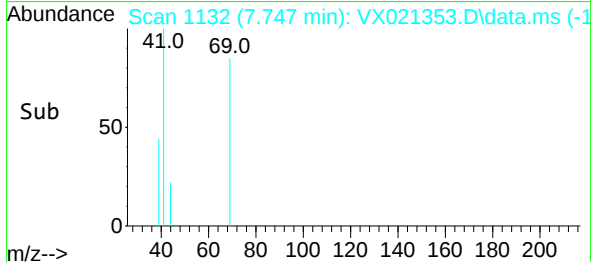
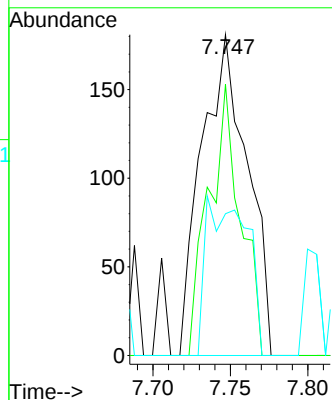
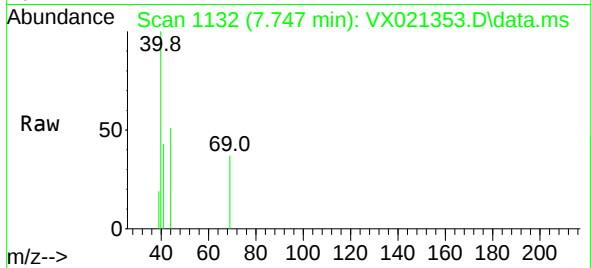




#48
Methyl methacrylate
Concen: 0.28 ug/l
RT: 7.747 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

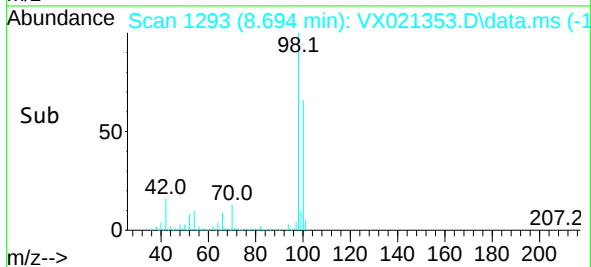
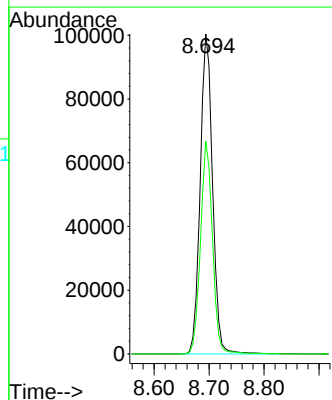
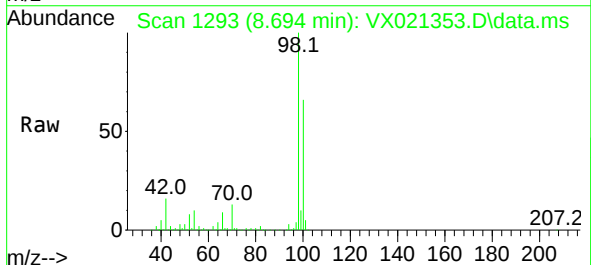
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-219-236-031921-FD

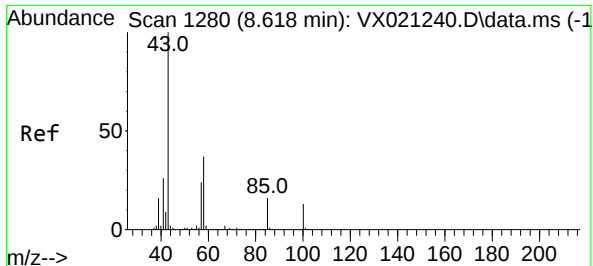
Tgt Ion: 41 Resp: 371
Ion Ratio Lower Upper
41 100
69 58.8 76.0 114.0#
39 44.2 44.6 67.0#



#50
Toluene-d8
Concen: 48.57 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

Tgt Ion: 98 Resp: 156900
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

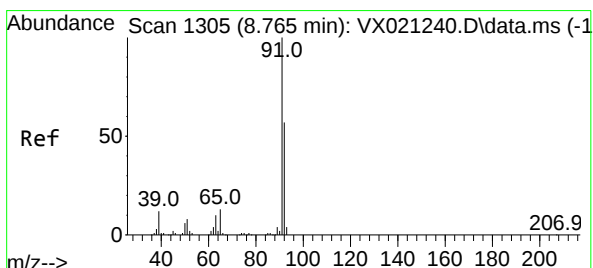
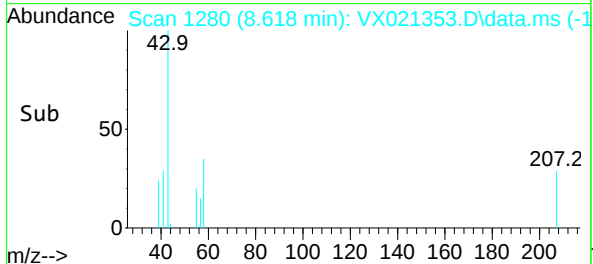
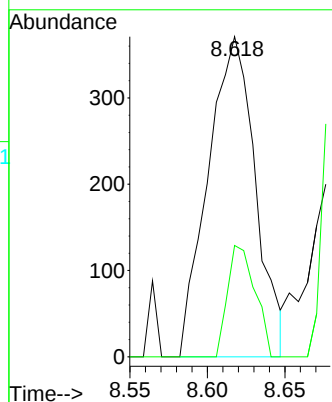
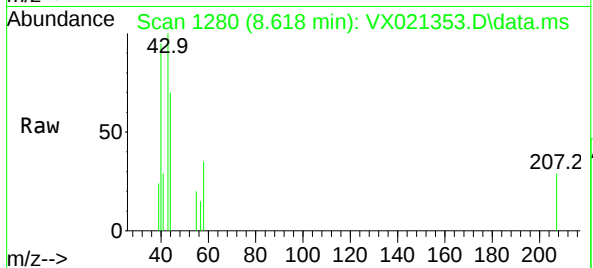




#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

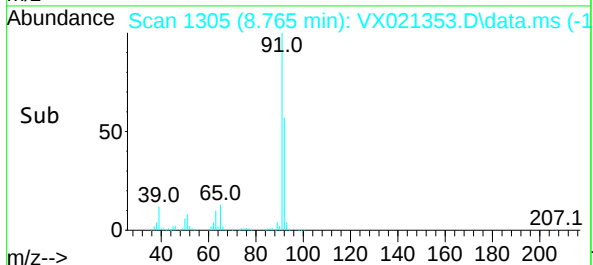
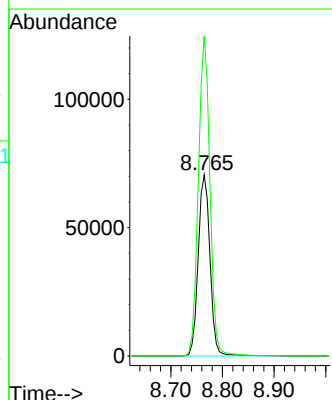
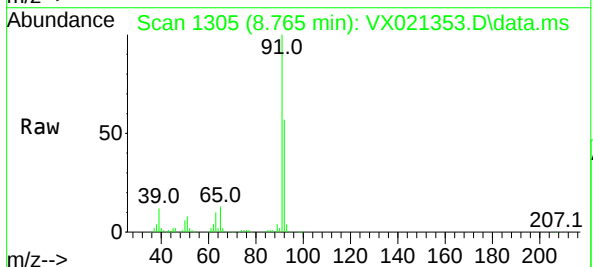
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-219-236-031921-FD

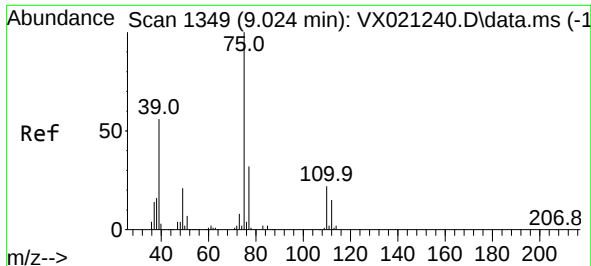
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 20.1 35.4 53.0#



#52
Toluene
Concen: 49.56 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

Tgt Ion: 92 Resp: 111355
Ion Ratio Lower Upper
92 100
91 174.0 137.1 205.7

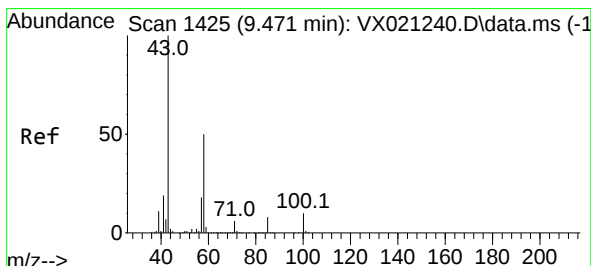
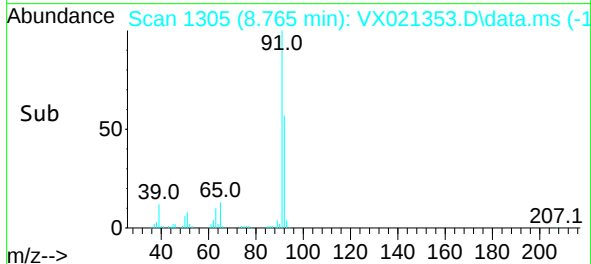
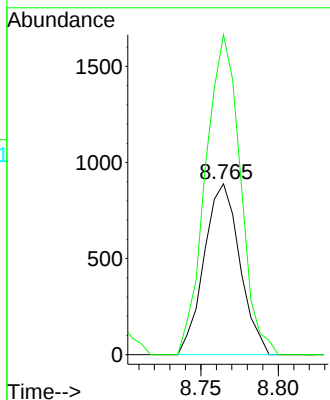
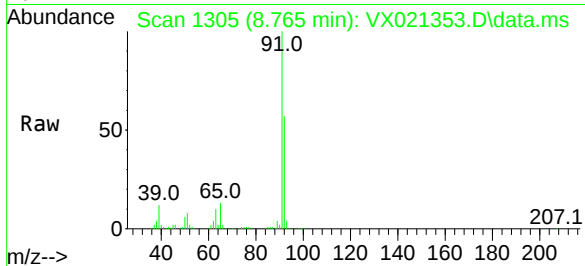




#53
t-1,3-Dichloropropene
Concen: 0.94 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.259 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

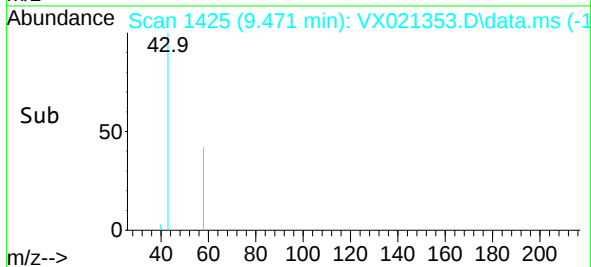
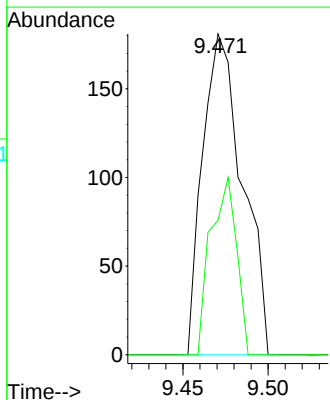
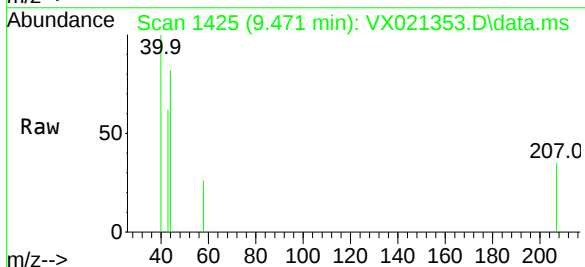
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-219-236-031921-FD

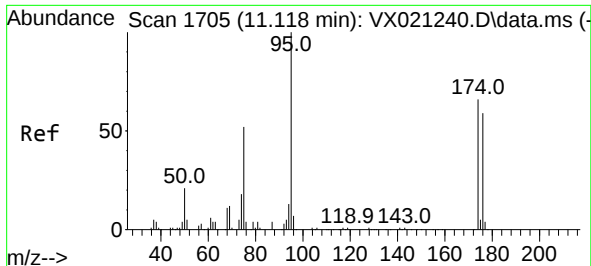
Tgt Ion: 75 Resp: 1424
Ion Ratio Lower Upper
75 100
77 187.3 24.9 37.3#



#59
2-Hexanone
Concen: 0.27 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

Tgt Ion: 43 Resp: 295
Ion Ratio Lower Upper
43 100
58 35.9 30.9 92.8

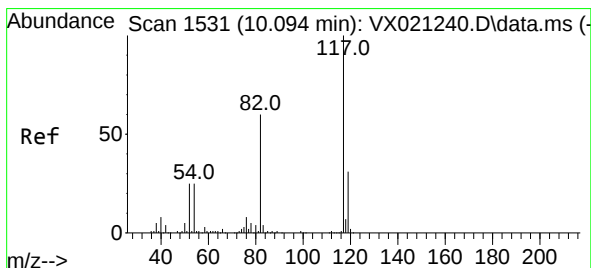
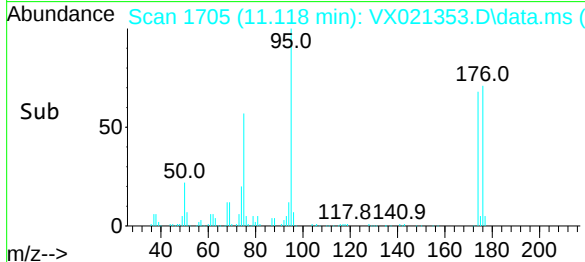
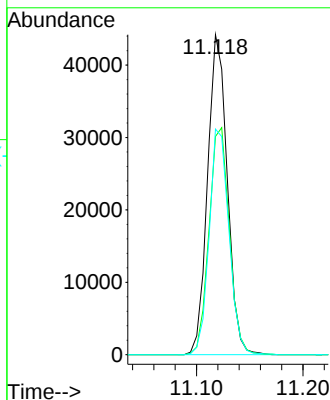
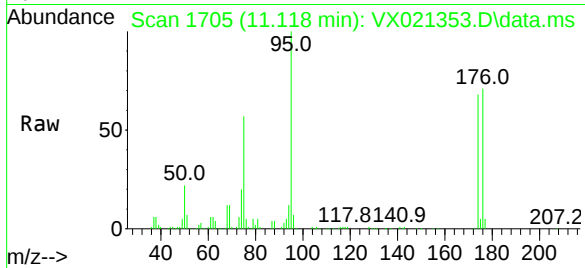




#62
4-Bromofluorobenzene
Concen: 45.25 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

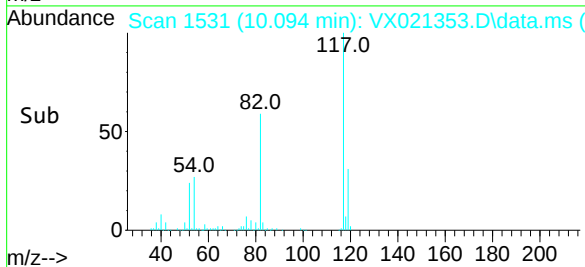
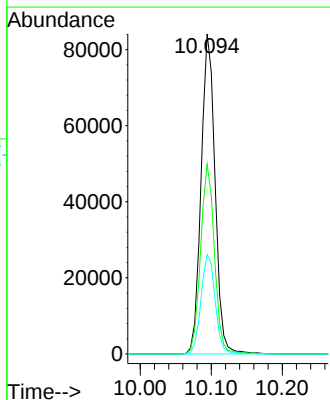
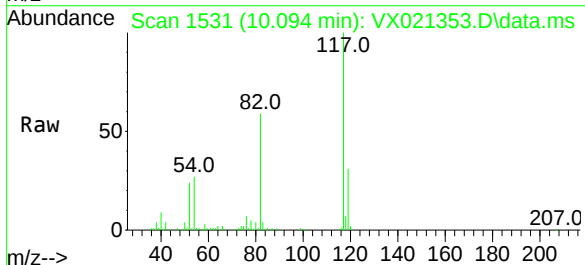
Instrument :
MSVOA_X
ClientSampleId :
GWBR1-219-236-031921-FD

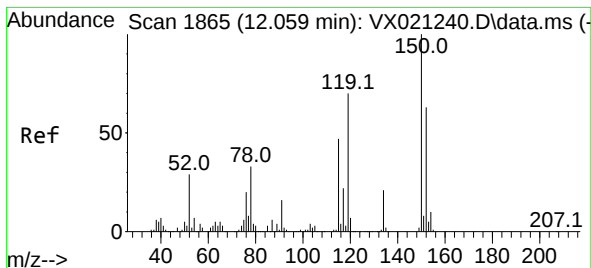
Tgt Ion:	95	Resp:	56774
Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	154.6
176	70.6	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021353.D
Acq: 22 Mar 2021 13:24

Tgt Ion:	117	Resp:	115355
Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.4	71.2
119	31.1	26.6	39.8

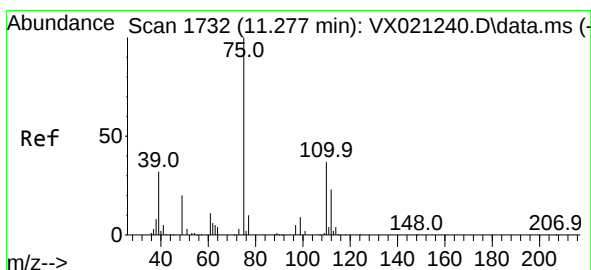
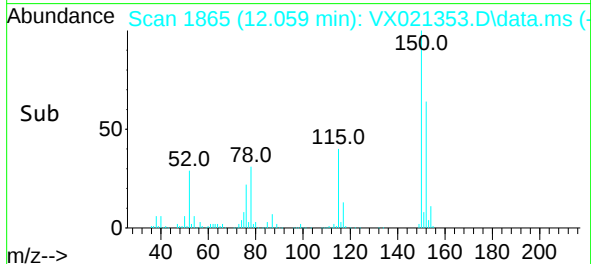
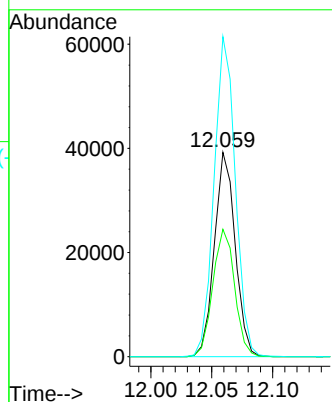
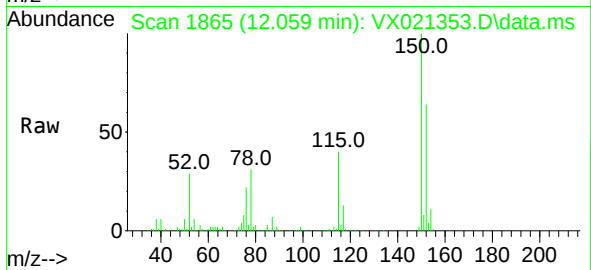




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021353.D
 Acq: 22 Mar 2021 13:24

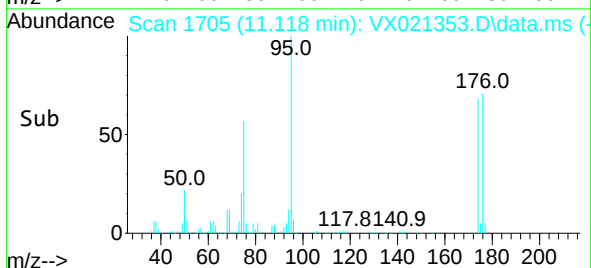
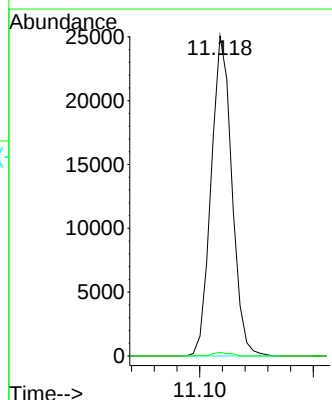
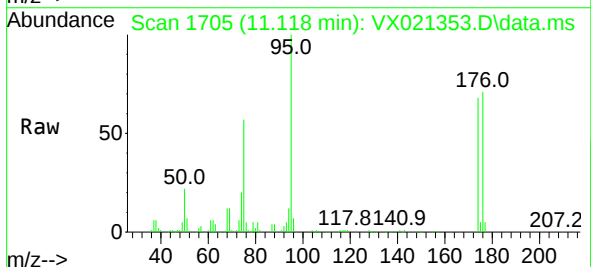
Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR1-219-236-031921-FD

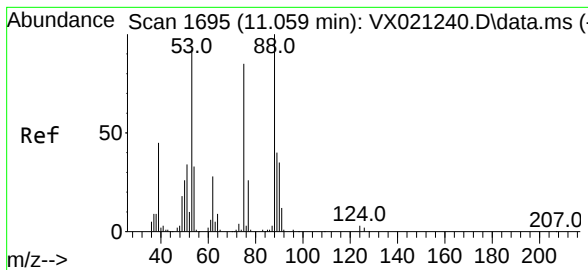
Tgt Ion:152 Resp: 46688
 Ion Ratio Lower Upper
 152 100
 115 65.3 41.1 123.3
 150 159.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.36 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021353.D
 Acq: 22 Mar 2021 13:24

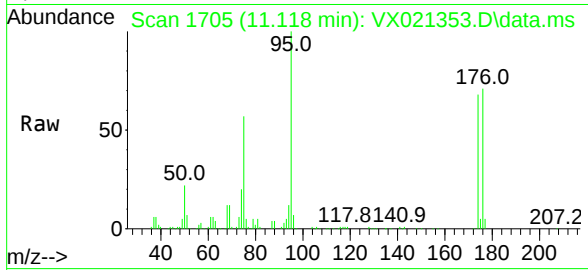
Tgt Ion: 75 Resp: 31799
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.71 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021353.D
 Acq: 22 Mar 2021 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR1-219-236-031921-FD



Tgt Ion: 75 Resp: 31799
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

