

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021611.D
 Acq On : 30 Mar 2021 05:21
 Operator : JC/MD
 Sample : M1843-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW01-20210325

Quant Time: Mar 30 06:57:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

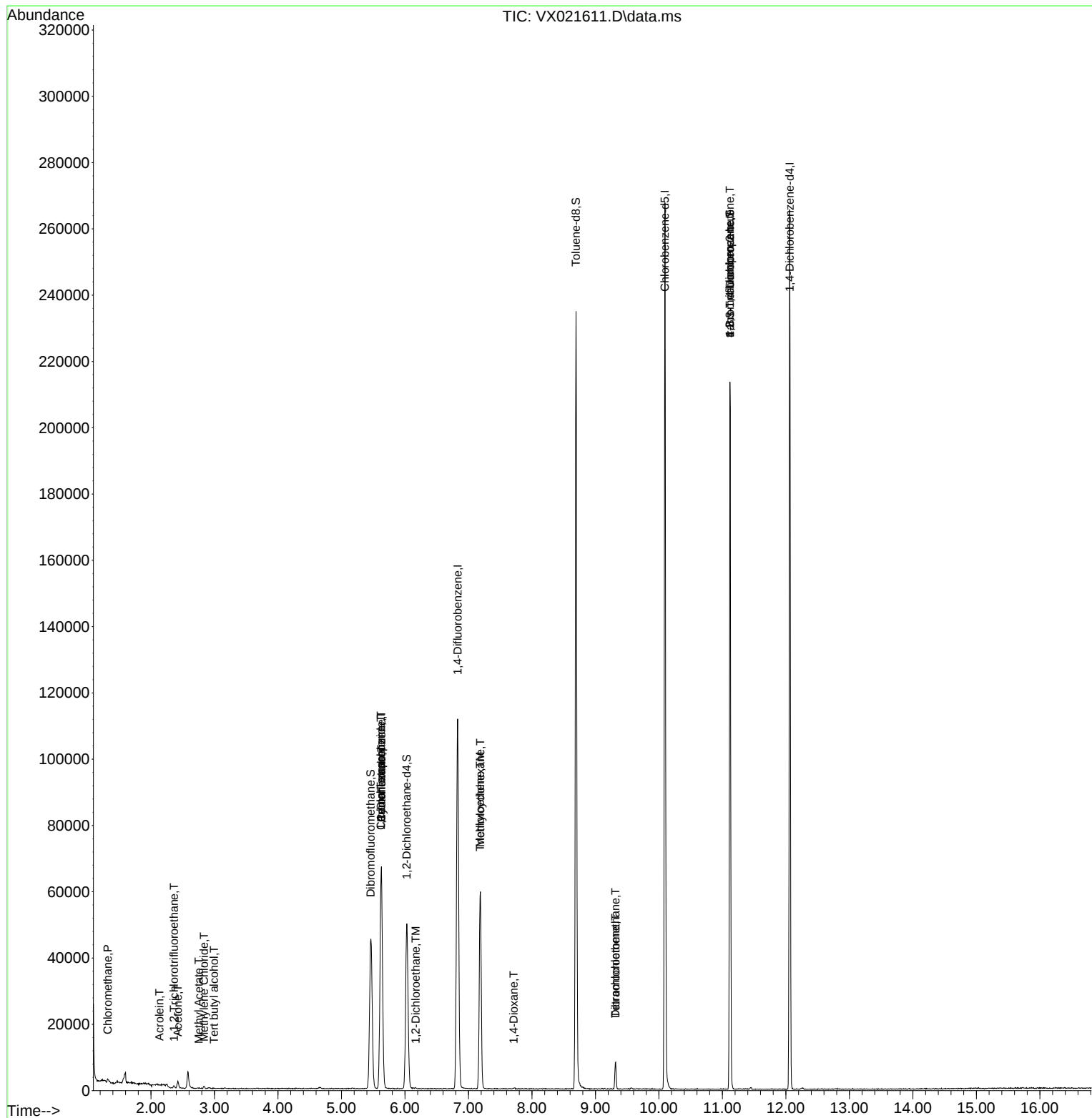
Internal Standards						
1) Pentafluorobenzene	5.629	168	57666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	104682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	49738	51.84	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.68%	
35) Dibromofluoromethane	5.458	113	38064	51.19	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.38%	
50) Toluene-d8	8.694	98	133729	50.47	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.94%	
62) 4-Bromofluorobenzene	11.118	95	54809	53.20	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.40%	
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1356	1.90	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.364	101	229	0.39	ug/l #	80
11) Tert butyl alcohol	2.993	59	127	0.80	ug/l #	73
13) Acrolein	2.134	56	20	4.54	ug/l #	14
16) Acetone	2.423	43	1952	5.38	ug/l #	82
18) Methyl Acetate	2.752	43	298	0.28	ug/l #	63
20) Methylene Chloride	2.834	84	239	0.34	ug/l #	87
31) Cyclohexane	5.629	56	1698	1.61	ug/l #	47
36) 1,1-Dichloropropene	5.623	75	5204	5.07	ug/l #	49
38) Carbon Tetrachloride	5.623	117	6088	5.52	ug/l #	17
39) Methylcyclohexane	7.188	83	305	0.27	ug/l #	1
42) 1,2-Dichloroethane	6.170	62	338	0.27	ug/l #	73
44) Trichloroethene	7.182	130	20717	26.95	ug/l	90
49) 1,4-Dioxane	7.712	88	155	8.43	ug/l #	24
60) Dibromochloromethane	9.318	129	1494	1.76	ug/l #	11
64) Tetrachloroethene	9.318	164	1475	2.00	ug/l	97
76) 1,2,3-Trichloropropane	11.118	75	30938	26.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30938	82.07	ug/l #	12

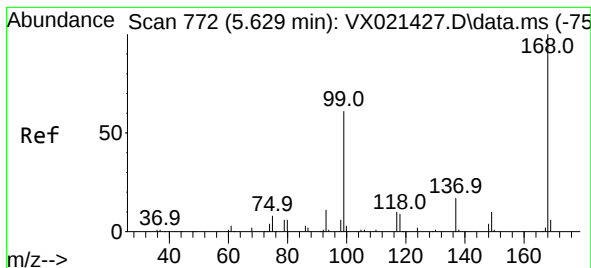
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.000 min

Lab File: VX021611.D

Acq: 30 Mar 2021 05:21

Tgt Ion:168 Resp: 57666

Ion Ratio Lower Upper

168 100

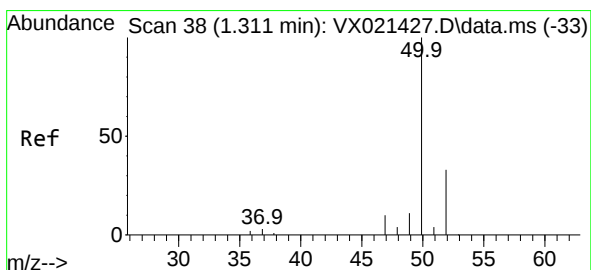
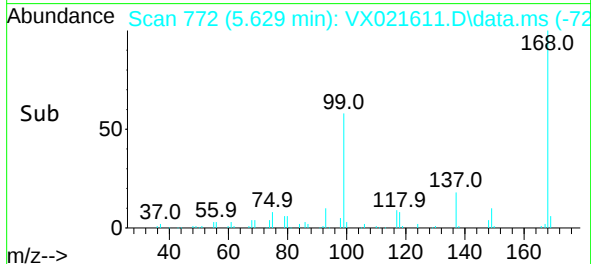
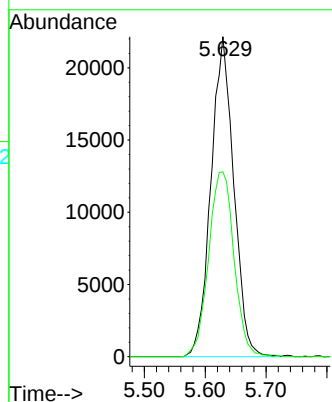
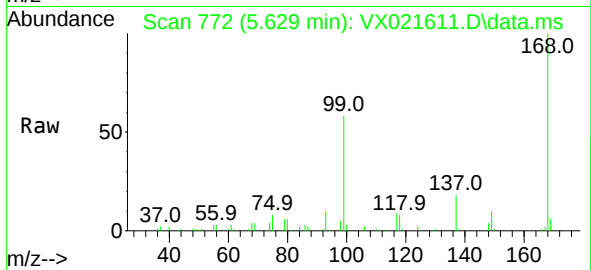
99 57.7 45.8 68.6

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW01-20210325



#3

Chloromethane

Concen: 1.90 ug/l

RT: 1.317 min Scan# 39

Delta R.T. 0.006 min

Lab File: VX021611.D

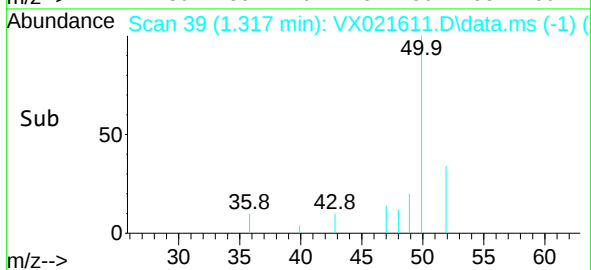
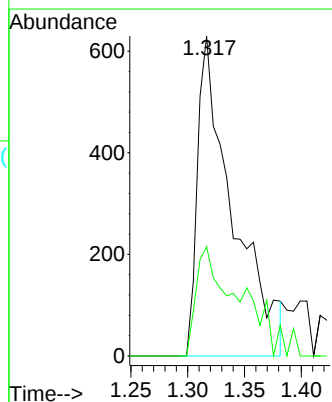
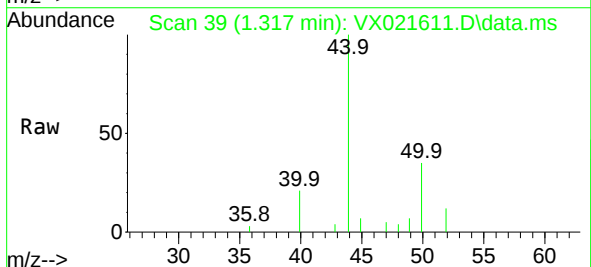
Acq: 30 Mar 2021 05:21

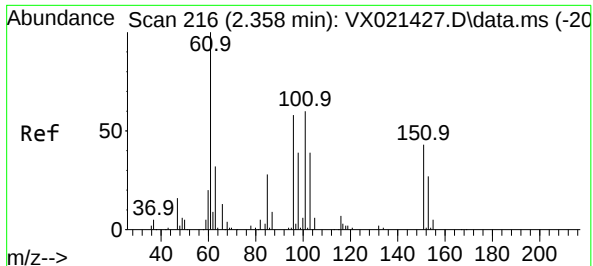
Tgt Ion: 50 Resp: 1356

Ion Ratio Lower Upper

50 100

52 34.1 26.4 39.6

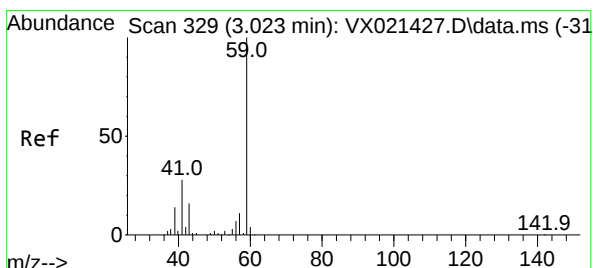
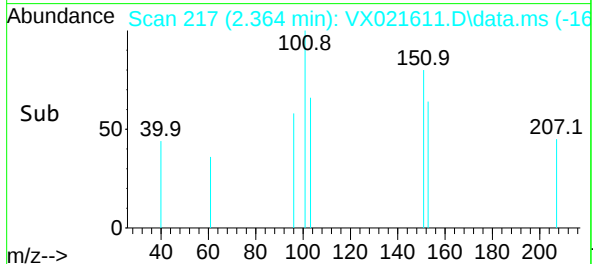
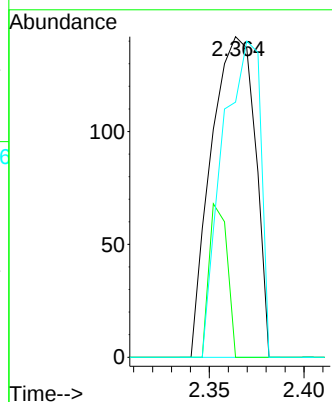
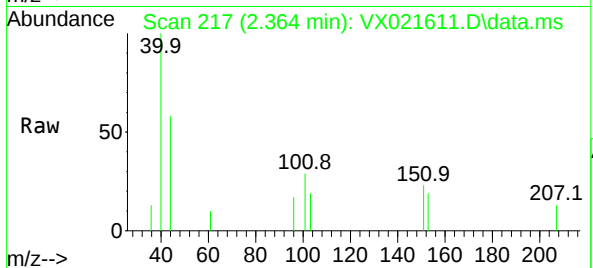




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.39 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

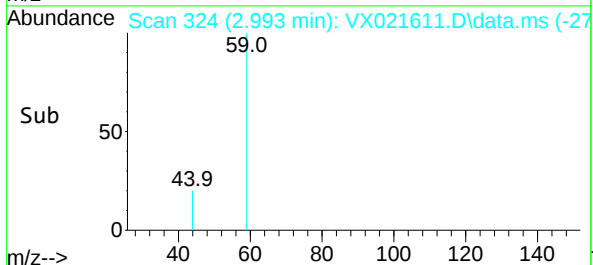
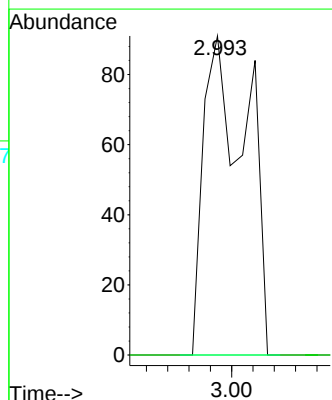
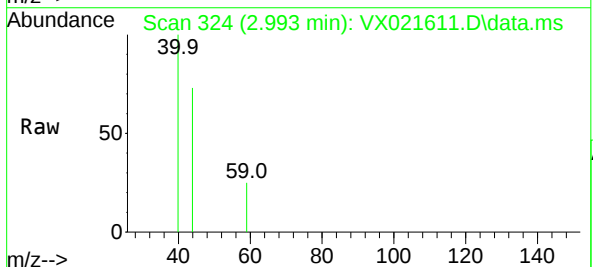
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210325

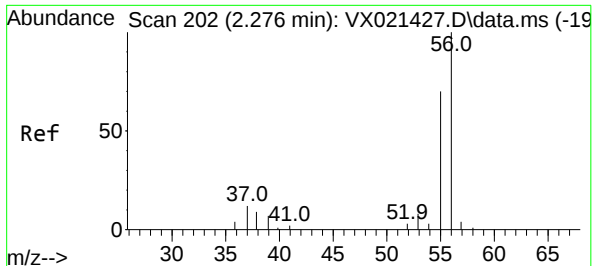
Tgt Ion:101 Resp: 229
Ion Ratio Lower Upper
101 100
85 19.7 34.9 52.3#
151 85.6 61.4 92.2



#11
Tert butyl alcohol
Concen: 0.80 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.030 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

Tgt Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

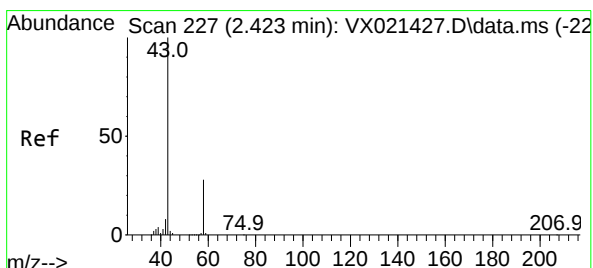
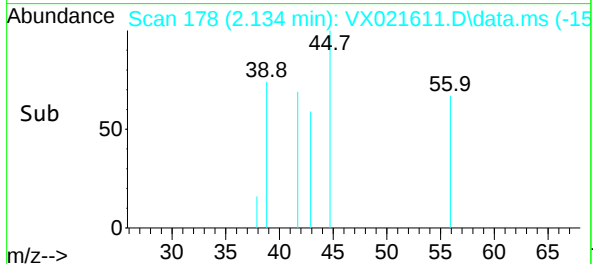
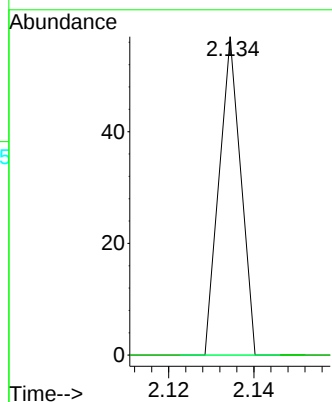
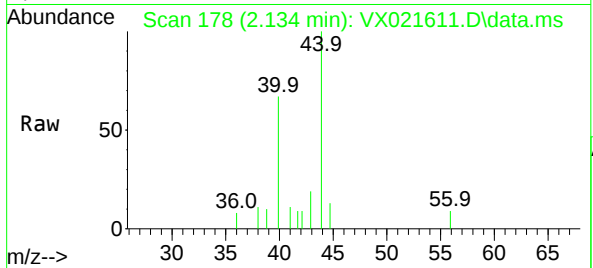




#13
Acrolein
Concen: 4.54 ug/l
RT: 2.134 min Scan# 178
Delta R.T. -0.142 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

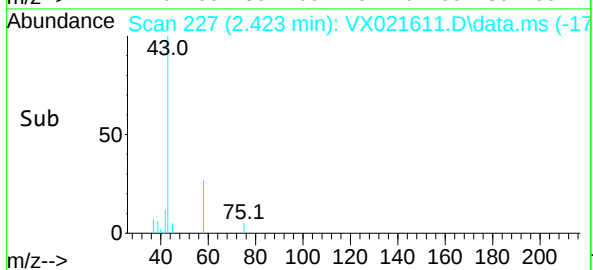
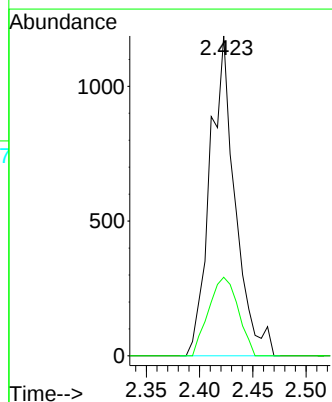
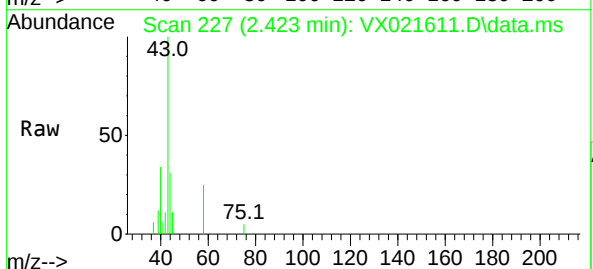
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210325

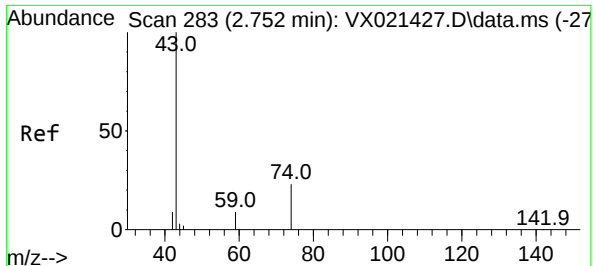
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 5.38 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
58 24.6 27.8 41.8#

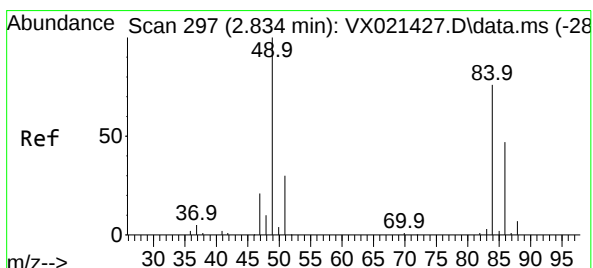
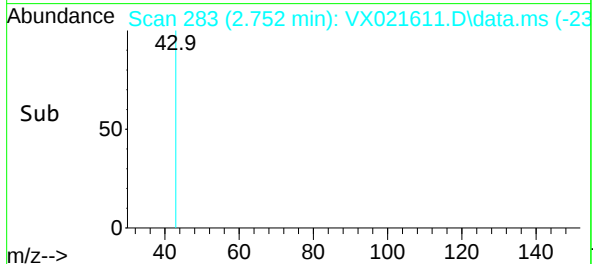
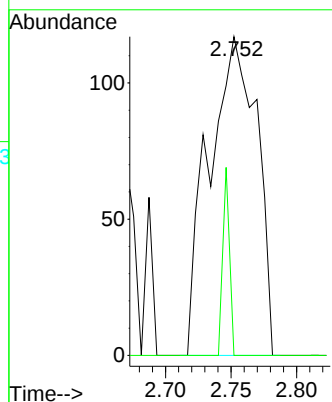
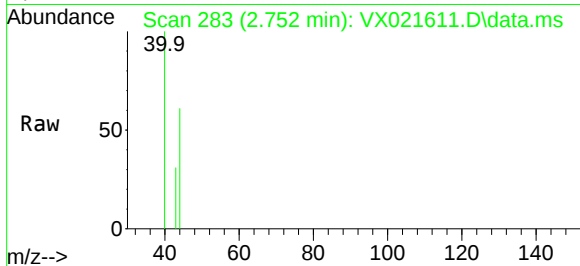




#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

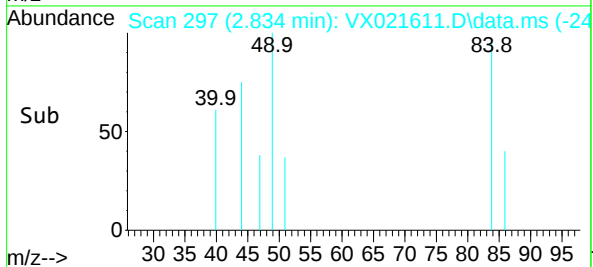
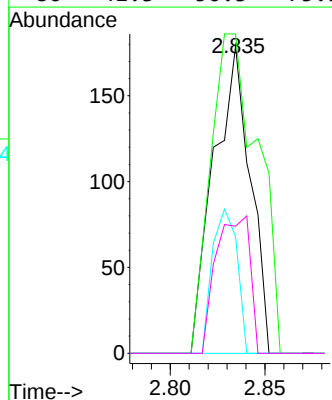
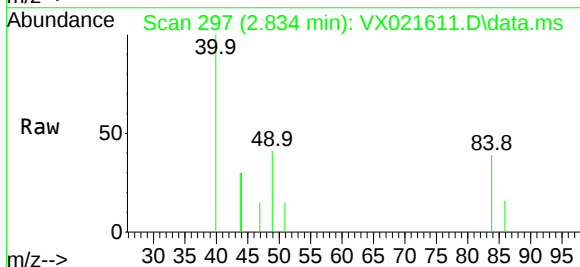
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210325

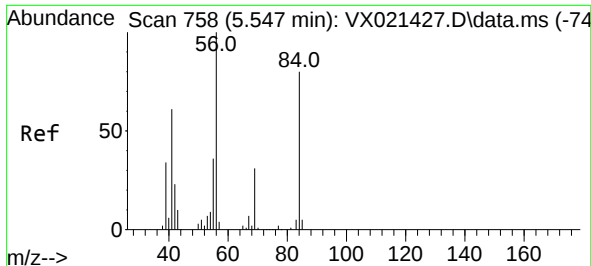
Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
74 8.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

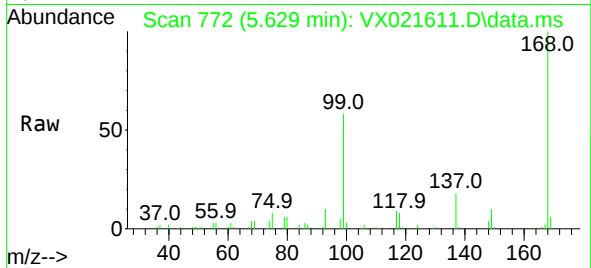
Tgt Ion: 84 Resp: 239
Ion Ratio Lower Upper
84 100
49 103.9 88.6 132.8
51 38.0 27.0 40.6
86 41.3 50.3 75.5#



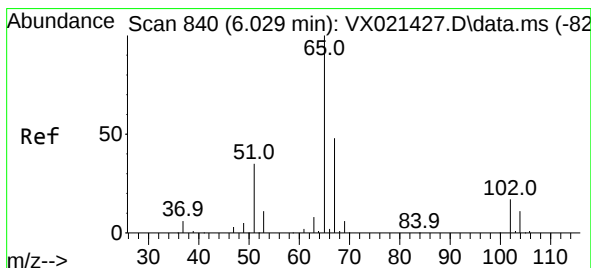
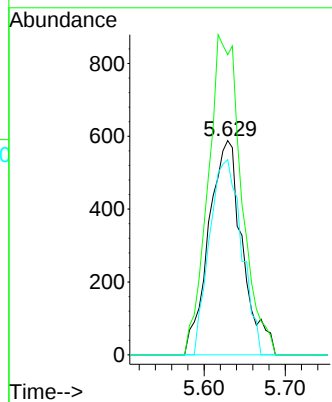
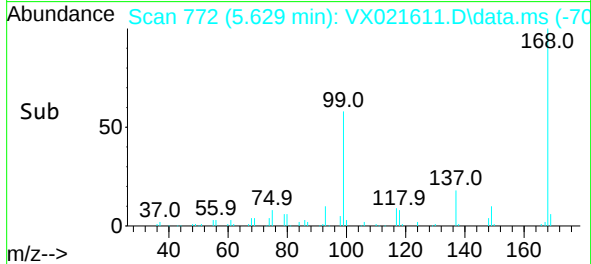


#31
Cyclohexane
Concen: 1.61 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

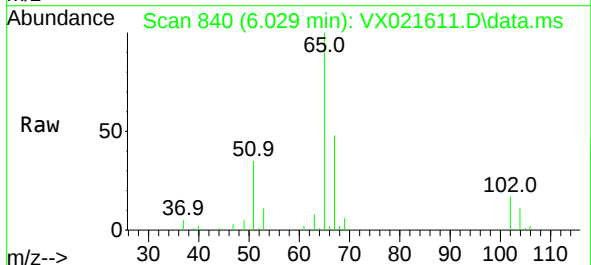
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210325



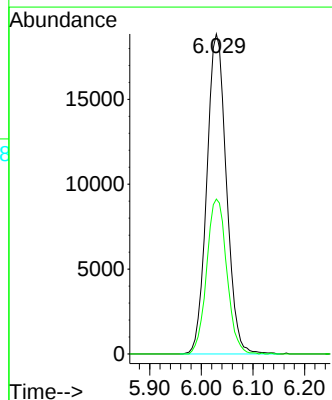
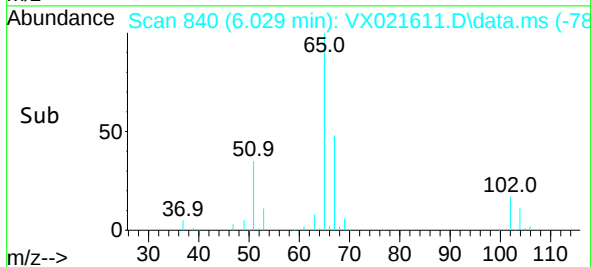
Tgt Ion: 56 Resp: 1698
Ion Ratio Lower Upper
56 100
69 140.1 25.3 37.9#
84 91.2 71.4 107.0

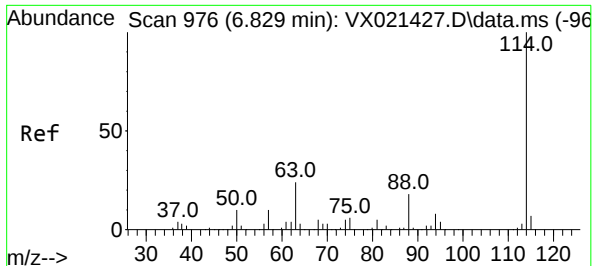


#33
1,2-Dichloroethane-d4
Concen: 51.84 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21



Tgt Ion: 65 Resp: 49738
Ion Ratio Lower Upper
65 100
67 49.5 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: VX021611.D

Acq: 30 Mar 2021 05:21

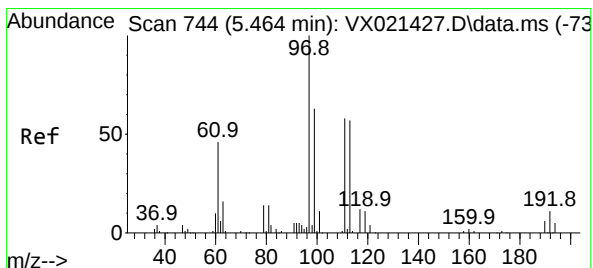
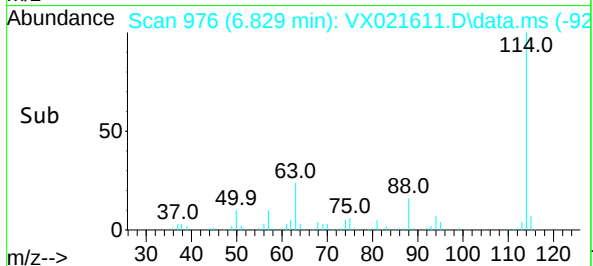
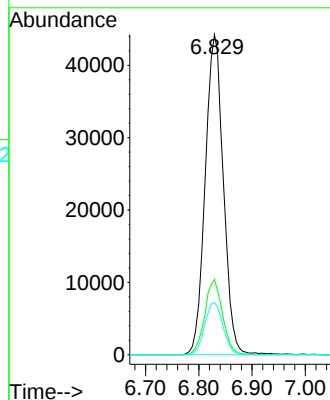
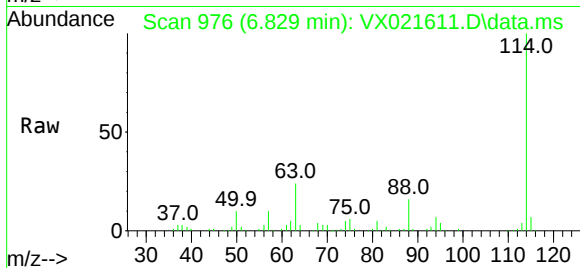
Tgt Ion:114 Resp: 104682

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.8

88 16.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.19 ug/l

RT: 5.458 min Scan# 743

Delta R.T. -0.006 min

Lab File: VX021611.D

Acq: 30 Mar 2021 05:21

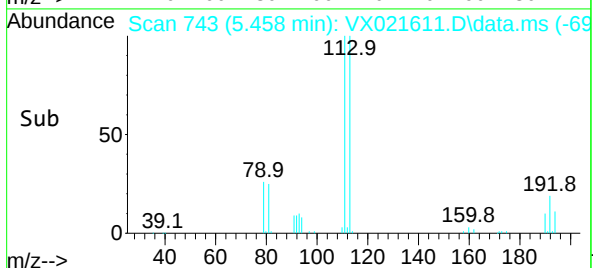
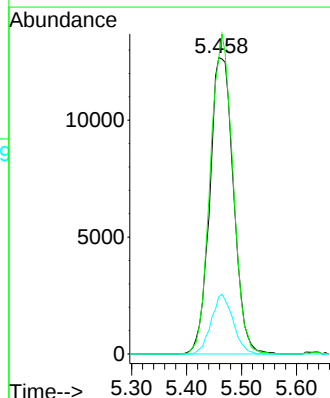
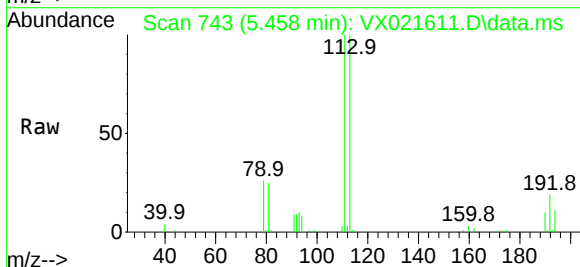
Tgt Ion:113 Resp: 38064

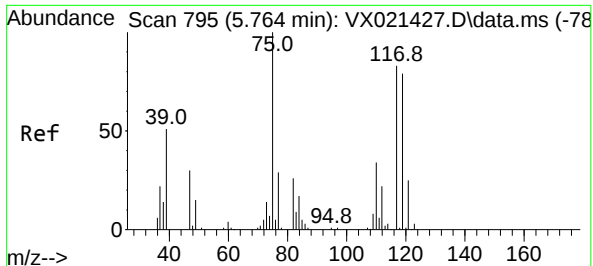
Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 18.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.07 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.141 min

Lab File: VX021611.D

Acq: 30 Mar 2021 05:21

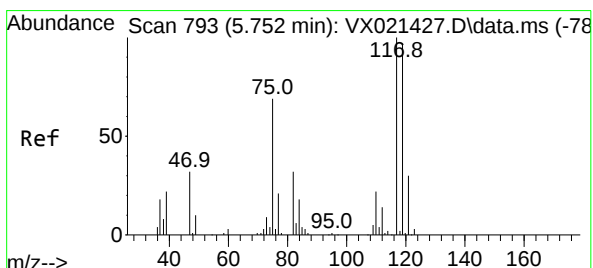
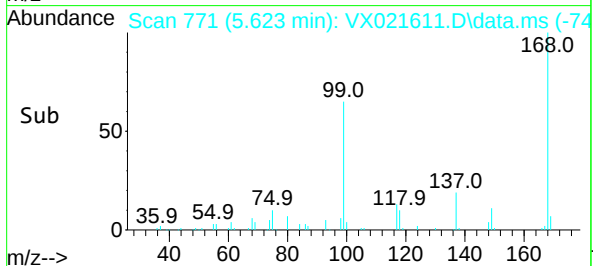
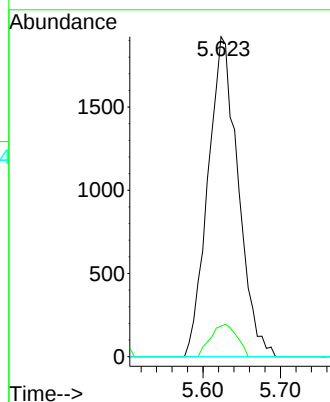
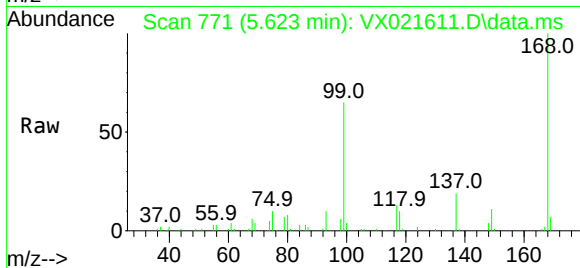
Tgt Ion:	75	Resp:	5204
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW01-20210325



#38

Carbon Tetrachloride

Concen: 5.52 ug/l

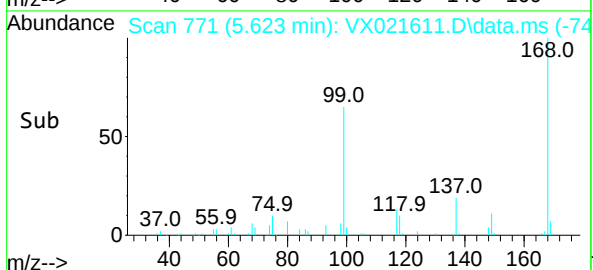
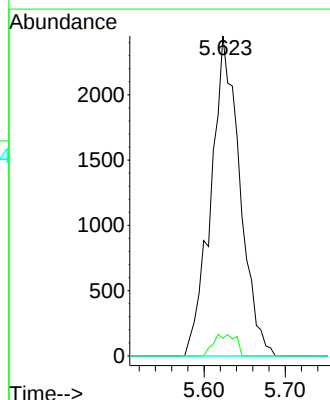
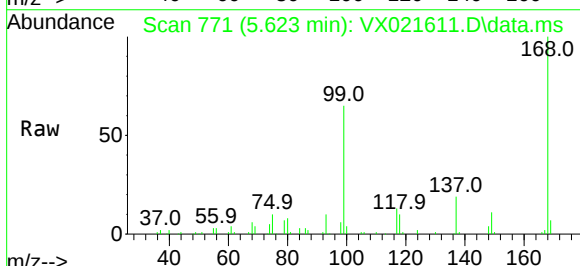
RT: 5.623 min Scan# 771

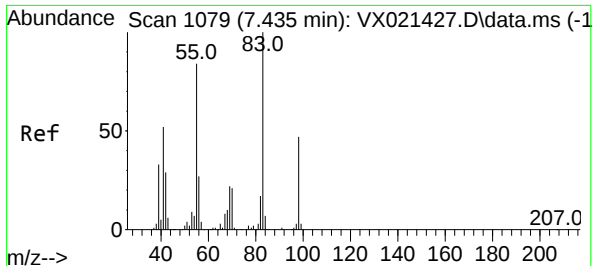
Delta R.T. -0.129 min

Lab File: VX021611.D

Acq: 30 Mar 2021 05:21

Tgt Ion:	117	Resp:	6088
Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.27 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.247 min

Lab File: VX021611.D

Acq: 30 Mar 2021 05:21

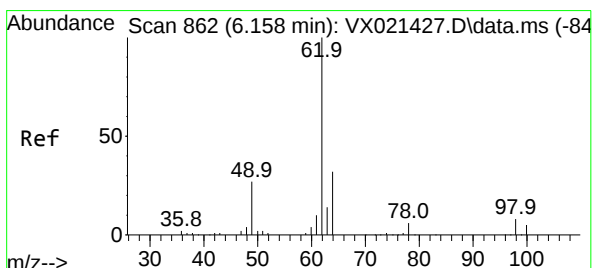
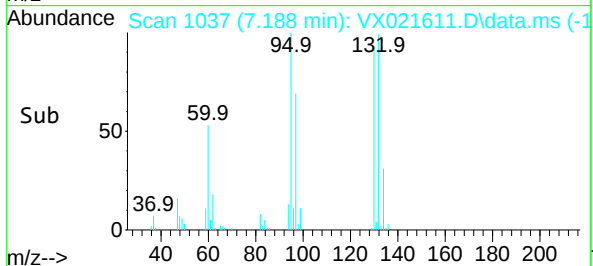
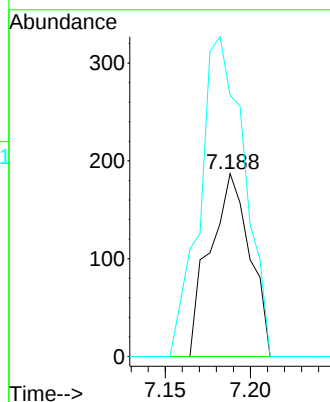
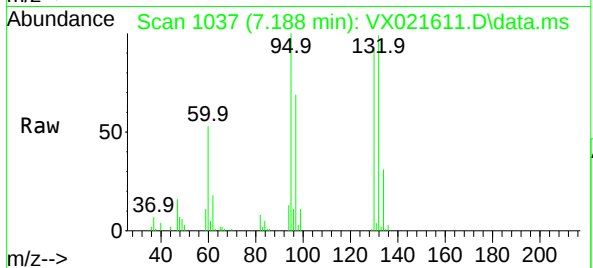
Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW01-20210325

Tgt Ion:	83	Resp:	305
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	142.8	38.1	57.1#



#42

1,2-Dichloroethane

Concen: 0.27 ug/l

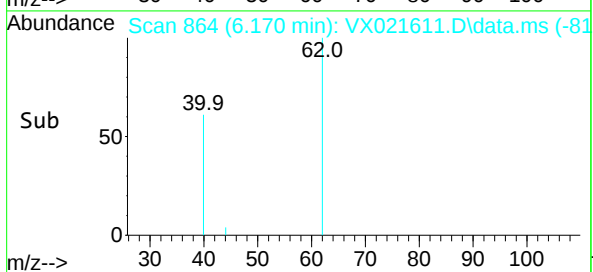
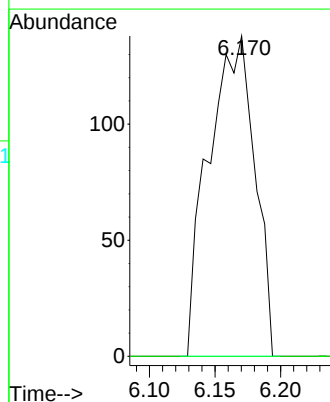
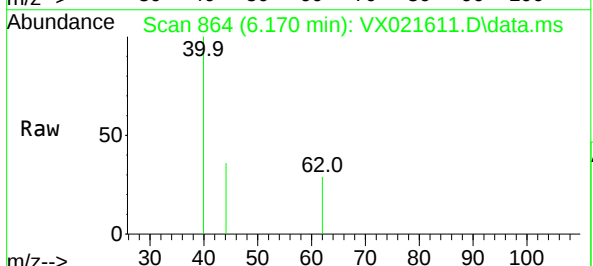
RT: 6.170 min Scan# 864

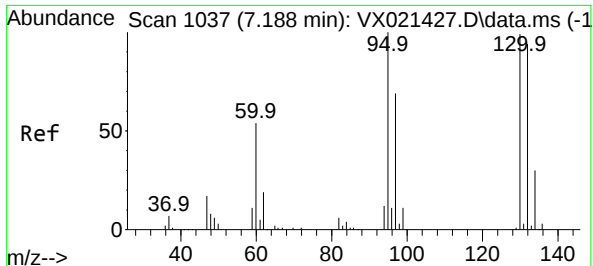
Delta R.T. 0.012 min

Lab File: VX021611.D

Acq: 30 Mar 2021 05:21

Tgt Ion:	62	Resp:	338
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2

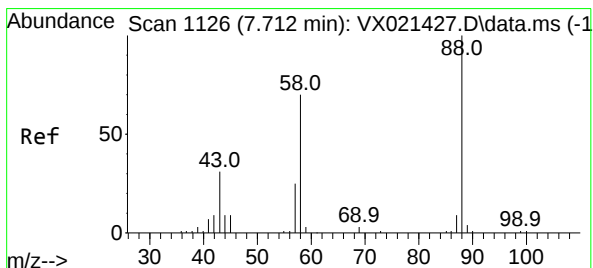
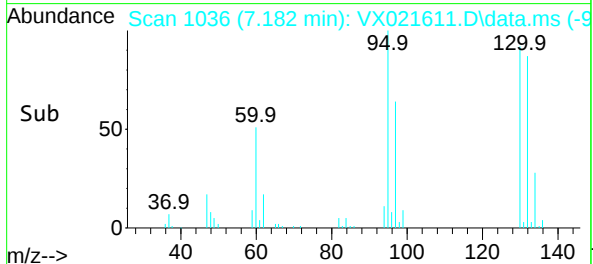
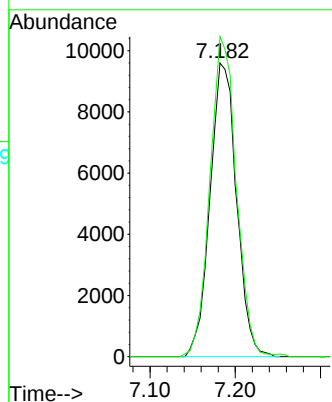
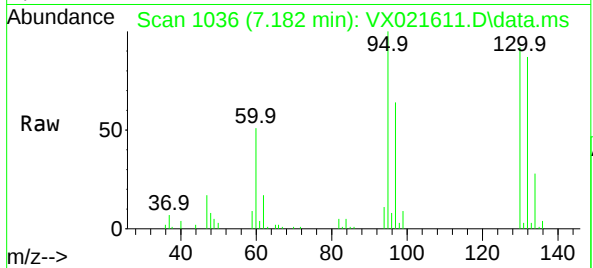




#44
Trichloroethene
Concen: 26.95 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

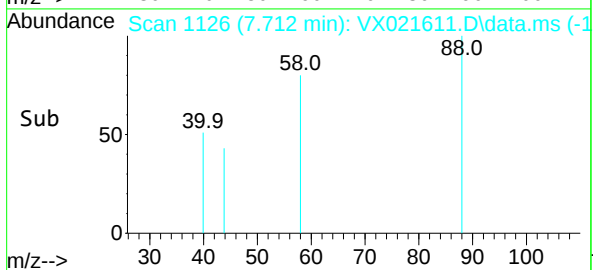
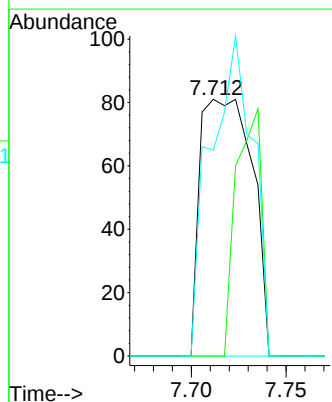
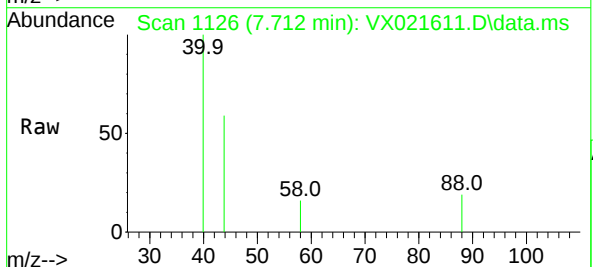
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210325

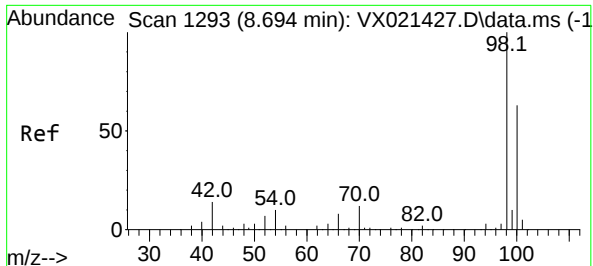
Tgt Ion:130 Resp: 20717
Ion Ratio Lower Upper
130 100
95 108.9 0.0 198.0



#49
1,4-Dioxane
Concen: 8.43 ug/l
RT: 7.712 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

Tgt Ion: 88 Resp: 155
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#





#50

Toluene-d8

Concen: 50.47 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021611.D

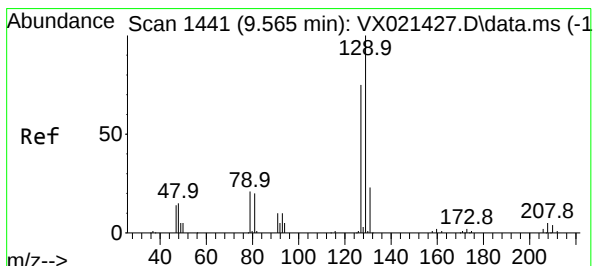
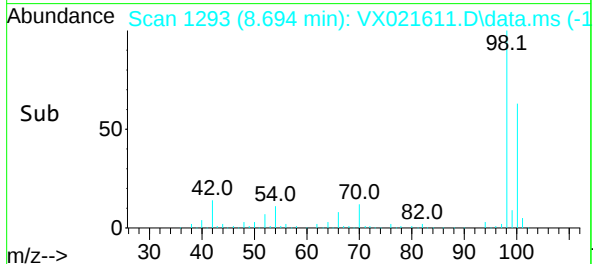
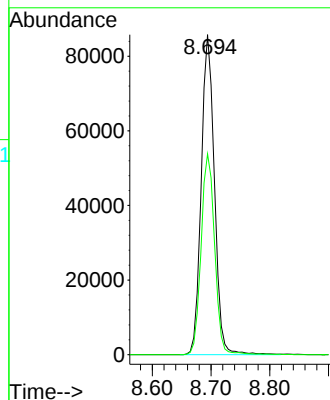
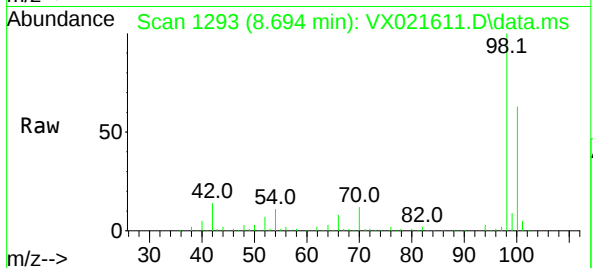
Acq: 30 Mar 2021 05:21

Tgt Ion: 98 Resp: 133729

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#60

Dibromochloromethane

Concen: 1.76 ug/l

RT: 9.318 min Scan# 1399

Delta R.T. -0.247 min

Lab File: VX021611.D

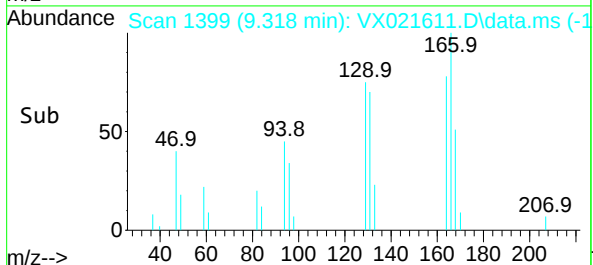
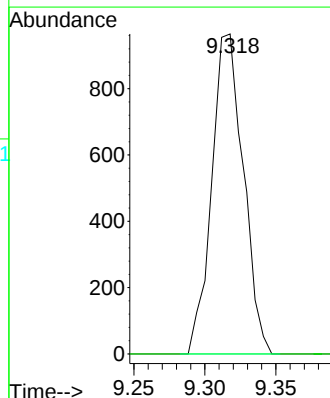
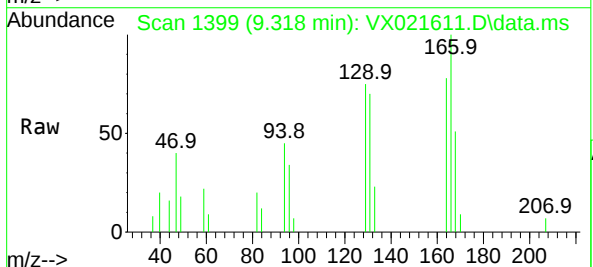
Acq: 30 Mar 2021 05:21

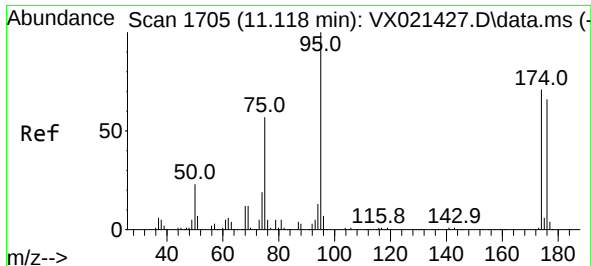
Tgt Ion: 129 Resp: 1494

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

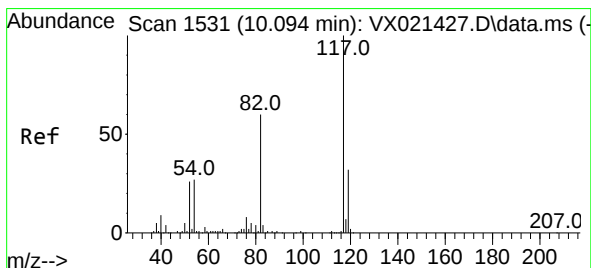
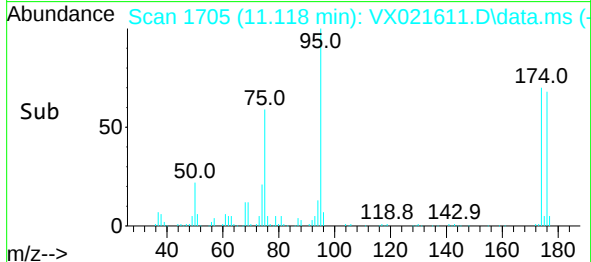
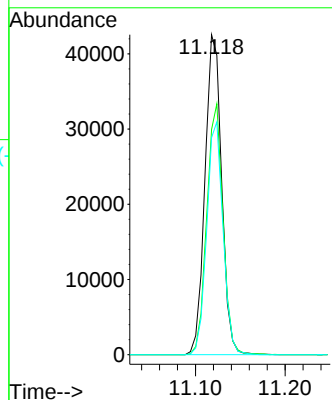
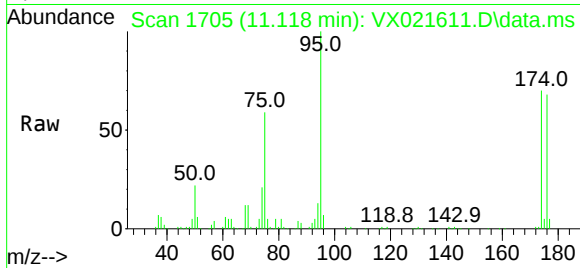




#62
4-Bromofluorobenzene
Concen: 53.20 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

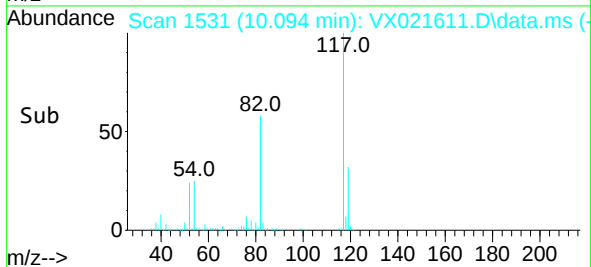
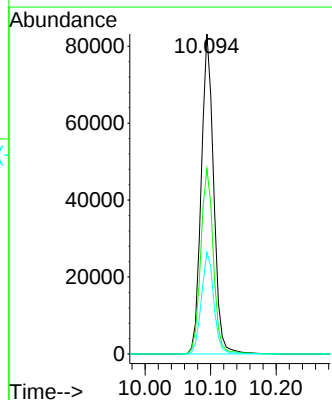
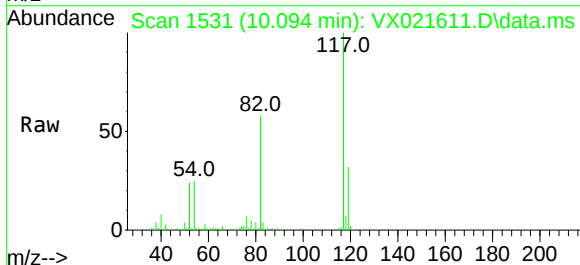
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210325

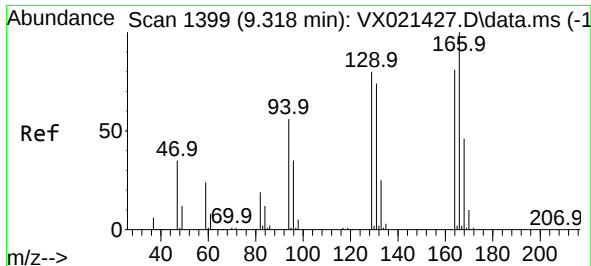
Tgt Ion: 95 Resp: 54809
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 70.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

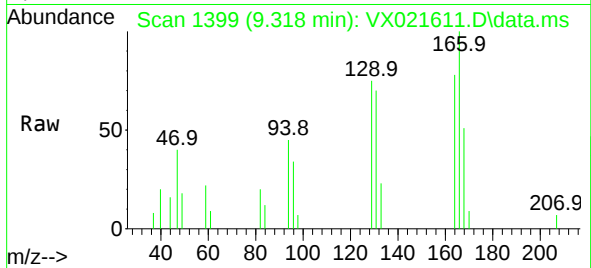
Tgt Ion: 117 Resp: 109825
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.7 26.6 39.8



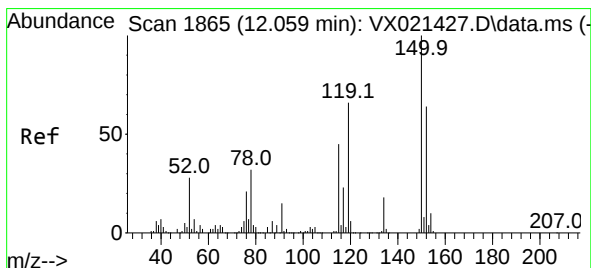
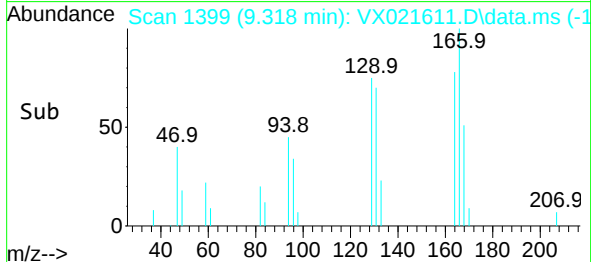
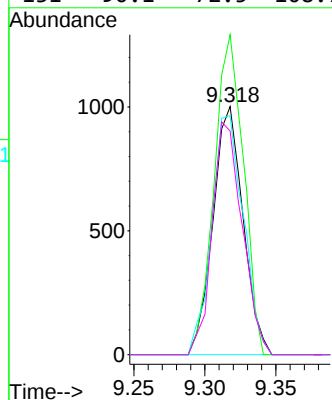


#64
Tetrachloroethene
Concen: 2.00 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

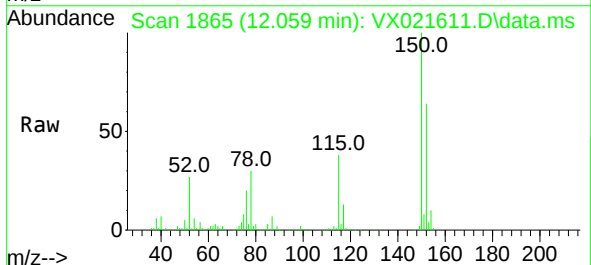
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210325



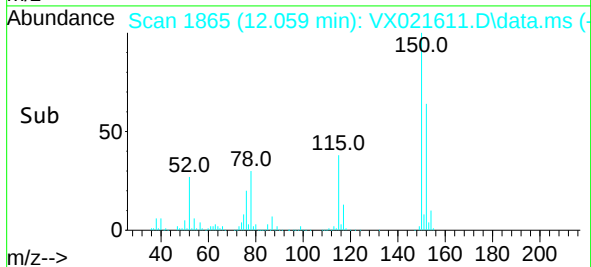
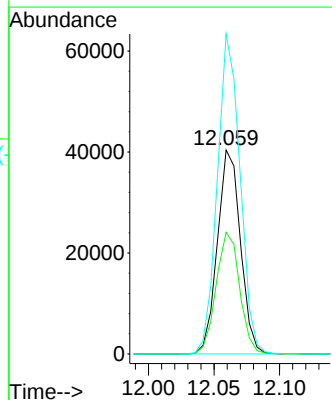
Tgt Ion:	164	Resp:	1475
Ion	Ratio	Lower	Upper
164	100		
166	128.9	103.4	155.2
129	96.3	70.8	106.2
131	90.1	72.5	108.7

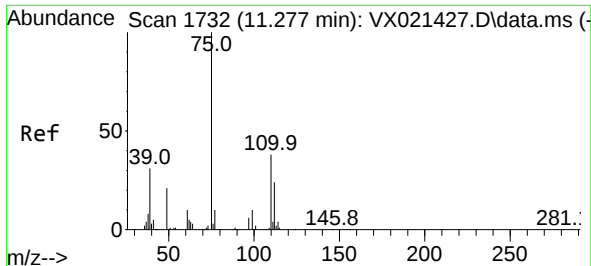


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21



Tgt Ion:	152	Resp:	49325
Ion	Ratio	Lower	Upper
152	100		
115	60.8	41.1	123.3
150	154.4	0.0	349.0

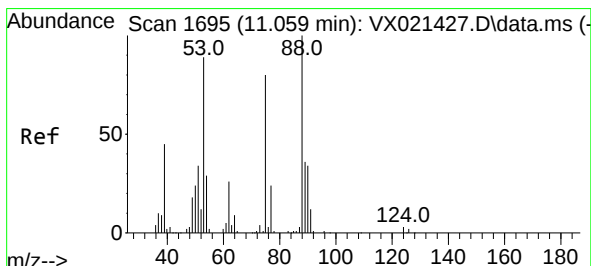
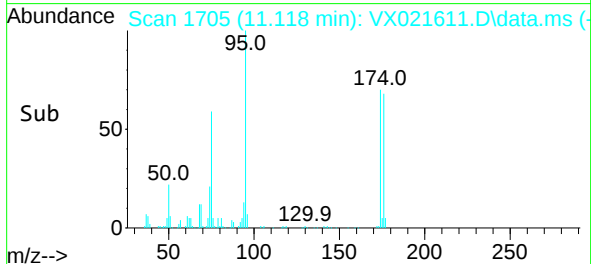
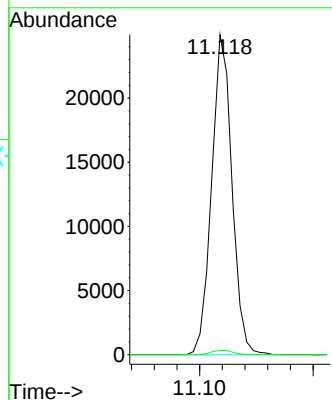
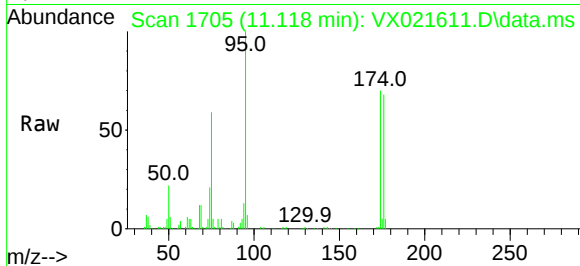




#76
1,2,3-Trichloropropane
Concen: 26.94 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210325

Tgt Ion: 75 Resp: 30938
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.07 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021611.D
Acq: 30 Mar 2021 05:21

Tgt Ion: 75 Resp: 30938
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

