

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021411.D
 Acq On : 24 Mar 2021 02:18
 Operator : JC/MD
 Sample : M1770-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105D

Quant Time: Mar 24 03:35:08 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)

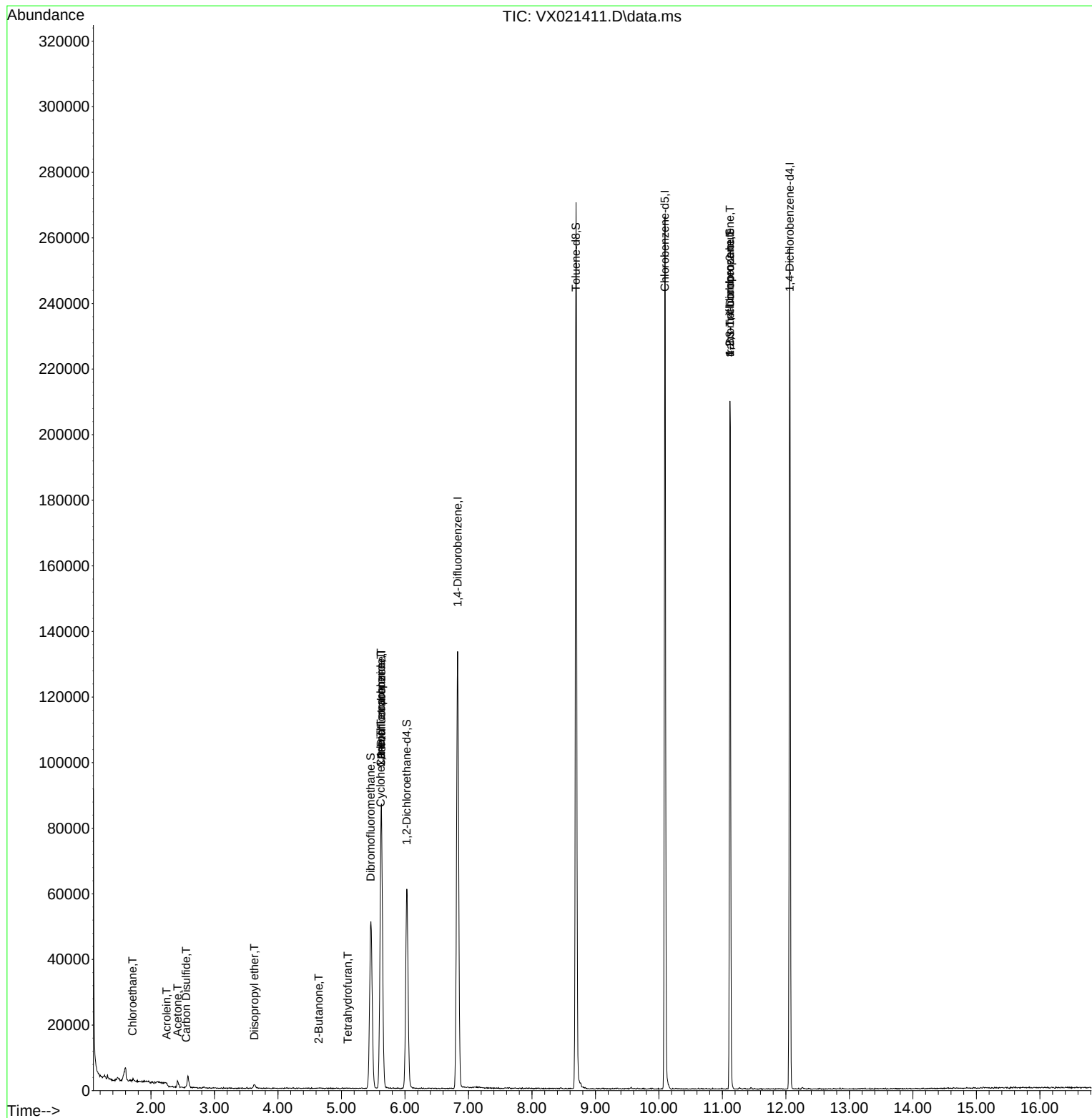
Internal Standards						
1) Pentafluorobenzene	5.629	168	72987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	122513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59733	49.90	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.80%		
35) Dibromofluoromethane	5.458	113	42159	50.57	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.14%		
50) Toluene-d8	8.694	98	148685	49.16	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.32%		
62) 4-Bromofluorobenzene	11.118	95	55027	46.84	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.68%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1711	Below Cal		90
6) Chloroethane	1.711	64	206	0.38 ug/l #		19
13) Acrolein	2.246	56	61	3.63 ug/l		98
16) Acetone	2.417	43	2187	4.97 ug/l		97
17) Carbon Disulfide	2.552	76	335	0.69 ug/l #		75
22) Diisopropyl ether	3.629	45	688	0.23 ug/l #		16
25) 2-Butanone	4.641	43	215	0.32 ug/l #		45
29) Tetrahydrofuran	5.100	42	95	0.21 ug/l #		27
31) Cyclohexane	5.617	56	2090	1.44 ug/l #		43
36) 1,1-Dichloropropene	5.623	75	6860	5.56 ug/l #		49
38) Carbon Tetrachloride	5.623	117	7957	6.21 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	31141	28.73 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	31141	78.01 ug/l #		12

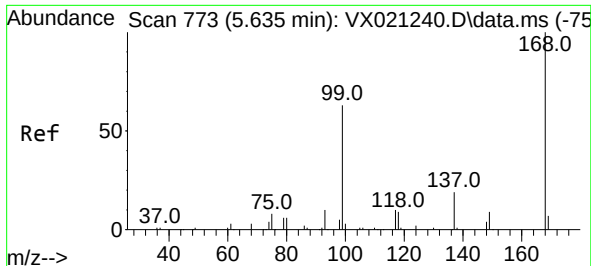
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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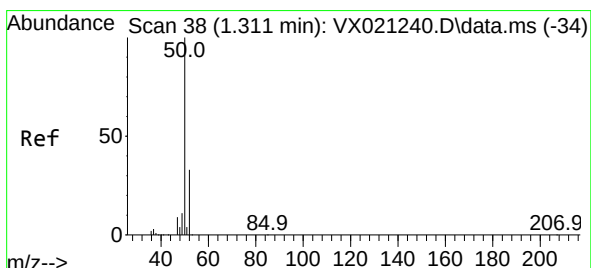
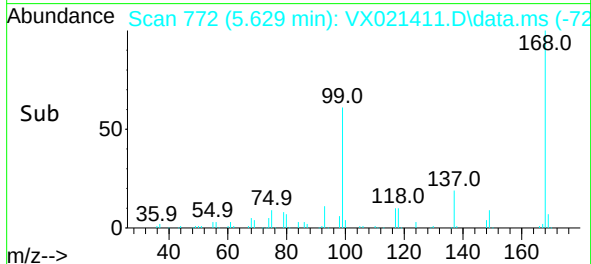
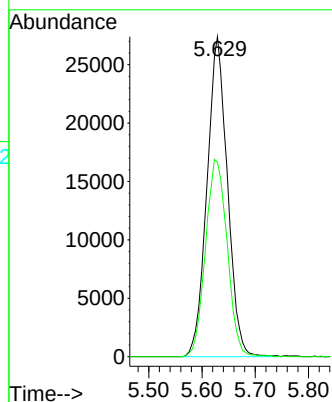
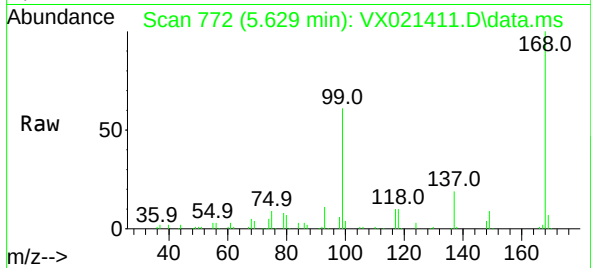




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

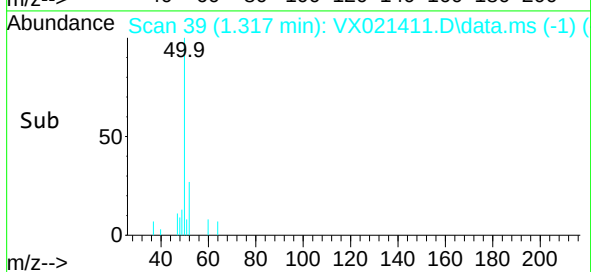
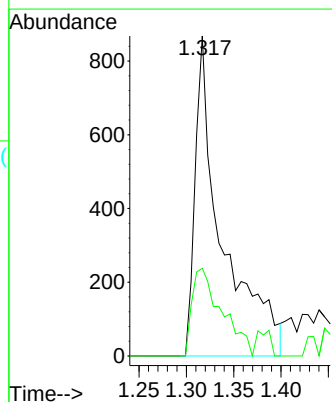
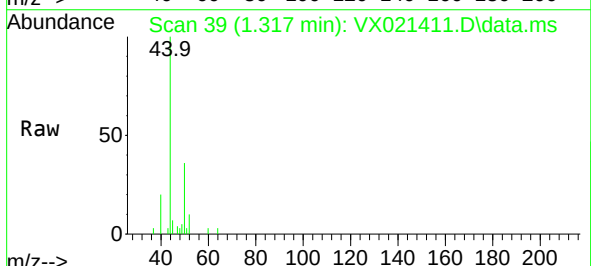
Instrument :
MSVOA_X
ClientSampleId :
MW-105D

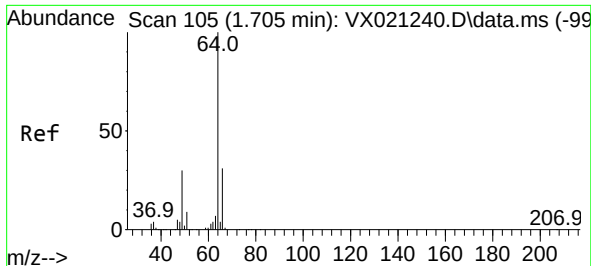
Tgt Ion:168 Resp: 72987
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

Tgt Ion: 50 Resp: 1711
Ion Ratio Lower Upper
50 100
52 27.4 26.4 39.6

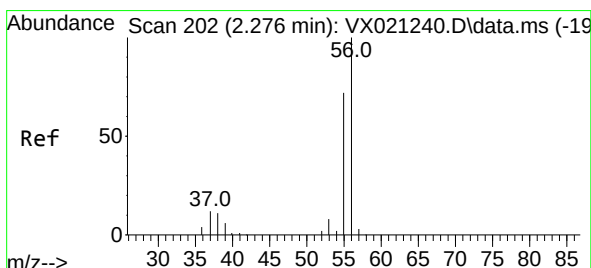
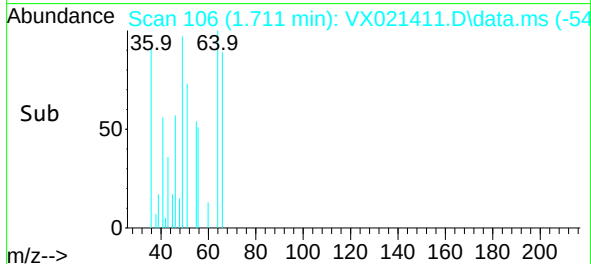
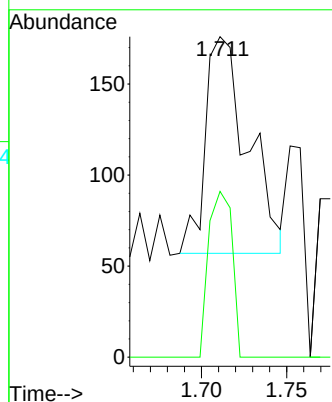
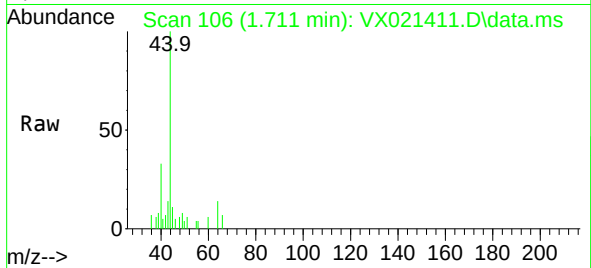




#6
Chloroethane
Concen: 0.38 ug/l
RT: 1.711 min Scan# 106
Delta R.T. 0.006 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

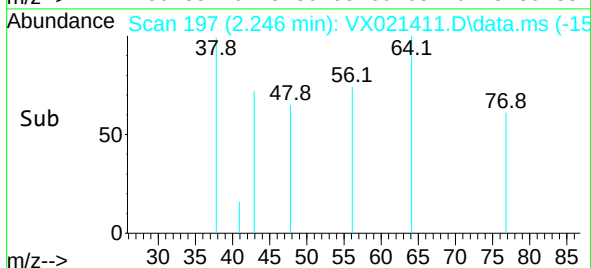
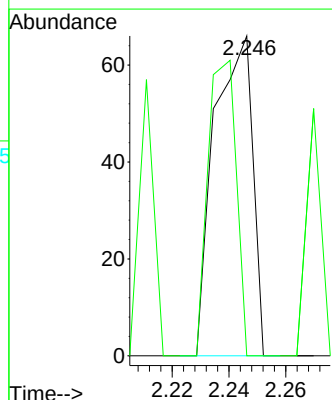
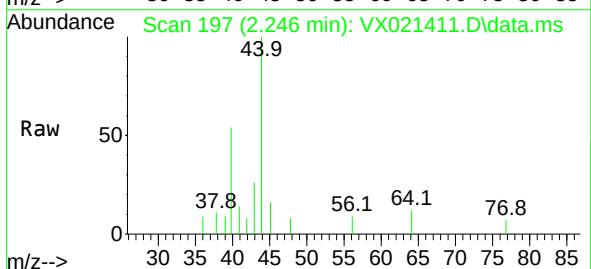
Instrument :
MSVOA_X
ClientSampleId :
MW-105D

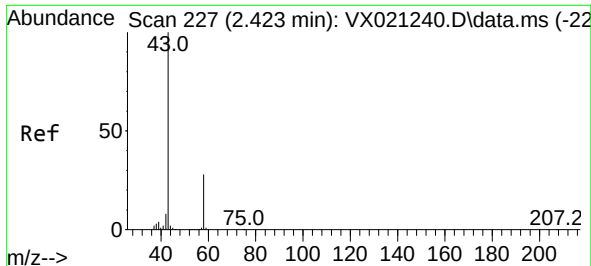
Tgt Ion: 64 Resp: 206
Ion Ratio Lower Upper
64 100
66 76.5 25.4 38.0#



#13
Acrolein
Concen: 3.63 ug/l
RT: 2.246 min Scan# 197
Delta R.T. -0.030 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 68.9 56.4 84.6

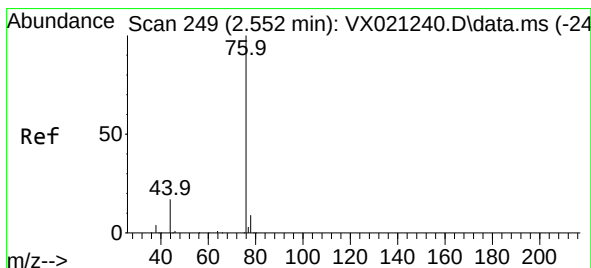
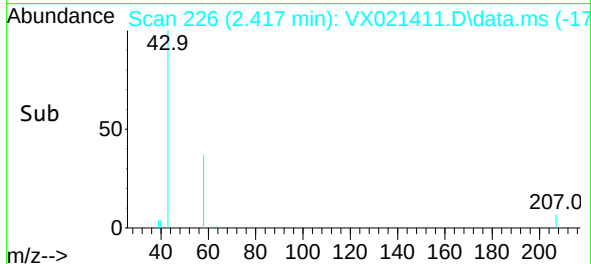
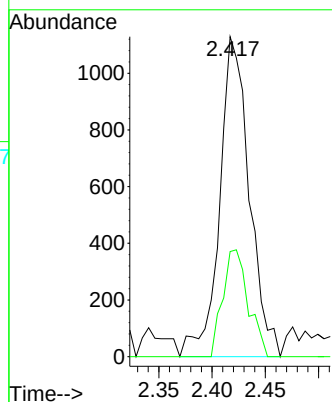
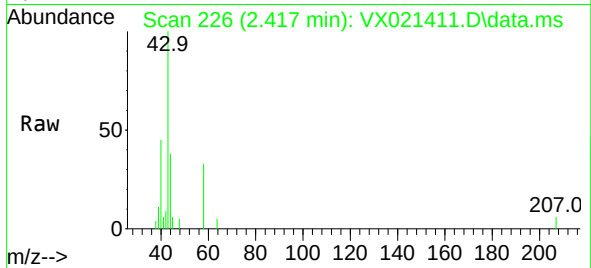




#16
Acetone
Concen: 4.97 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

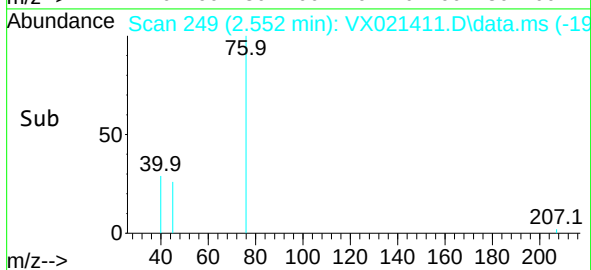
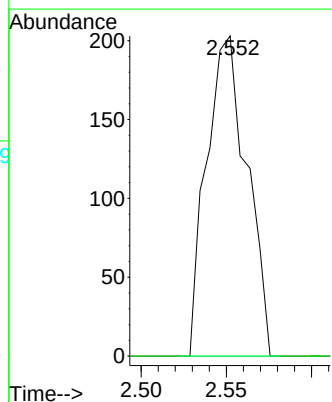
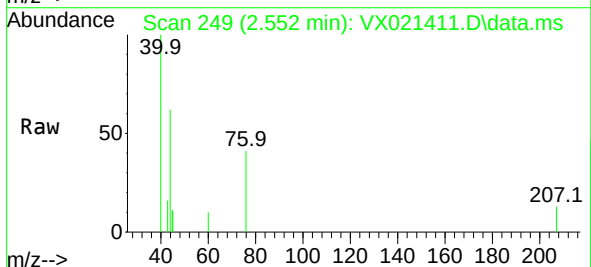
Instrument :
MSVOA_X
ClientSampled :
MW-105D

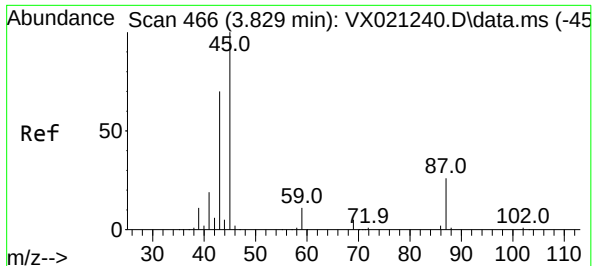
Tgt Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
58 32.9 27.8 41.8



#17
Carbon Disulfide
Concen: 0.69 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

Tgt Ion: 76 Resp: 335
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

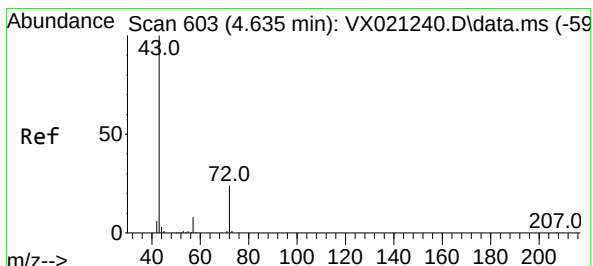
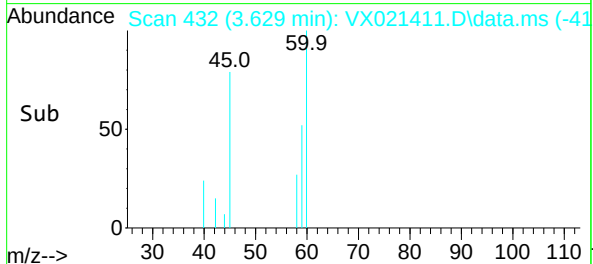
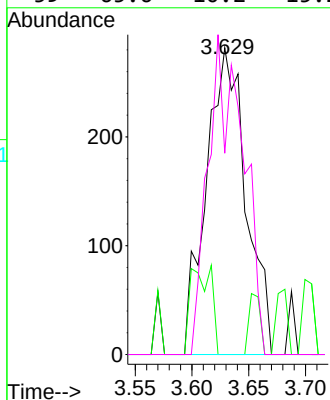
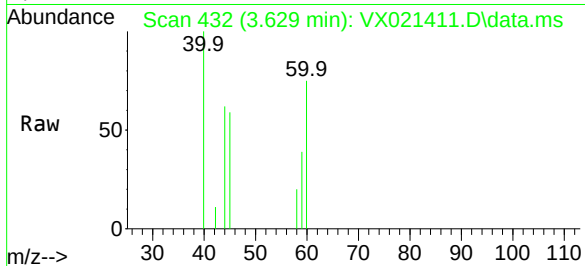




#22
Diisopropyl ether
Concen: 0.23 ug/l
RT: 3.629 min Scan# 432
Delta R.T. -0.200 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

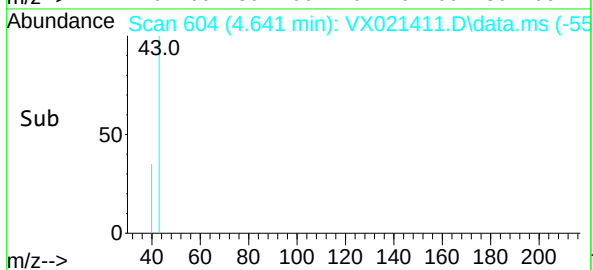
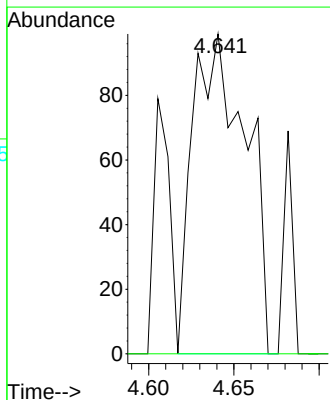
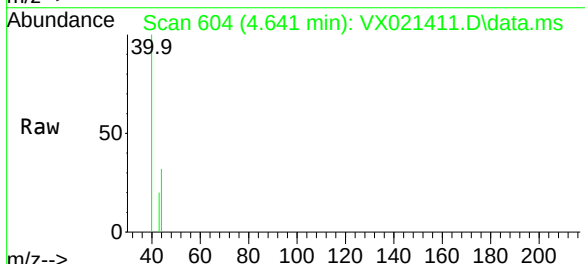
Instrument :
MSVOA_X
ClientSampleId :
MW-105D

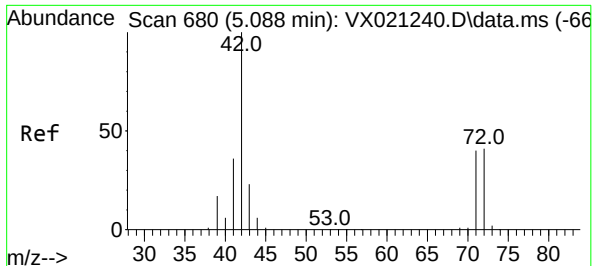
Tgt Ion:	45	Resp:	688
Ion	Ratio	Lower	Upper
45	100		
43	0.0	58.0	87.0#
87	0.0	25.4	38.0#
59	65.6	10.2	15.2#



#25
2-Butanone
Concen: 0.32 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

Tgt Ion:	43	Resp:	215
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.100 min Scan# 682

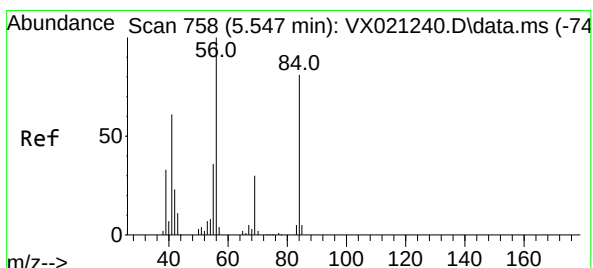
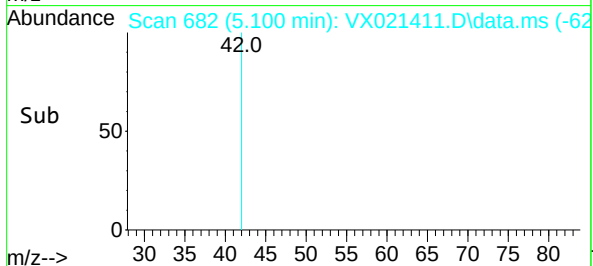
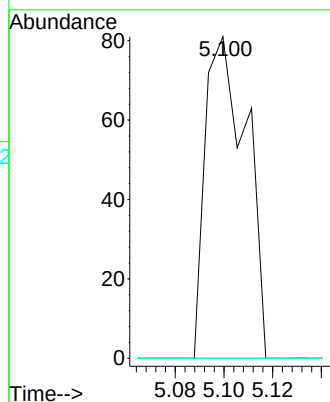
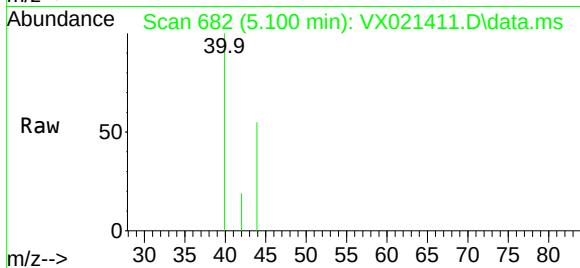
Delta R.T. 0.012 min

Lab File: VX021411.D

Acq: 24 Mar 2021 02:18

Tgt Ion:	42	Resp:	95
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
MW-105D



#31

Cyclohexane

Concen: 1.44 ug/l

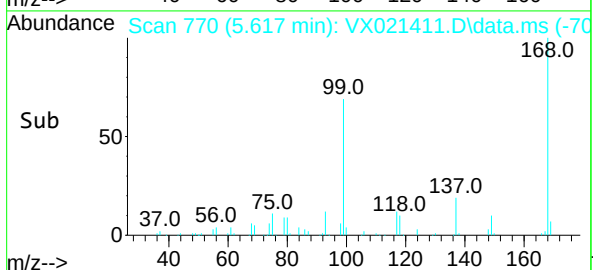
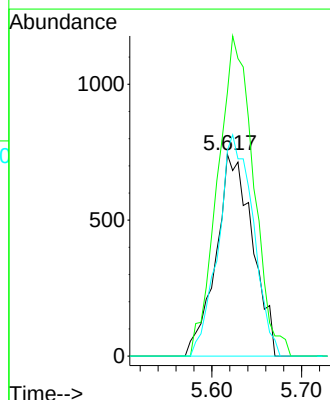
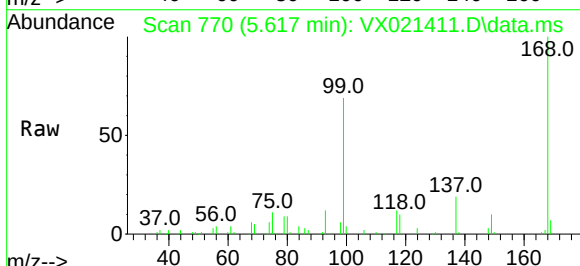
RT: 5.617 min Scan# 770

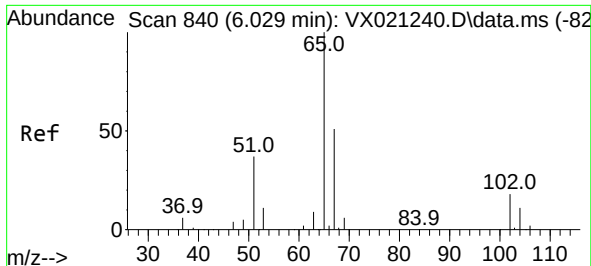
Delta R.T. 0.070 min

Lab File: VX021411.D

Acq: 24 Mar 2021 02:18

Tgt Ion:	56	Resp:	2090
Ion	Ratio	Lower	Upper
56	100		
69	130.7	25.3	37.9#
84	102.0	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 49.90 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021411.D

Acq: 24 Mar 2021 02:18

Tgt Ion: 65 Resp: 59733

Ion Ratio Lower Upper

65 100

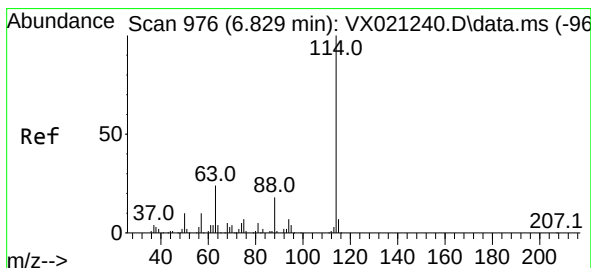
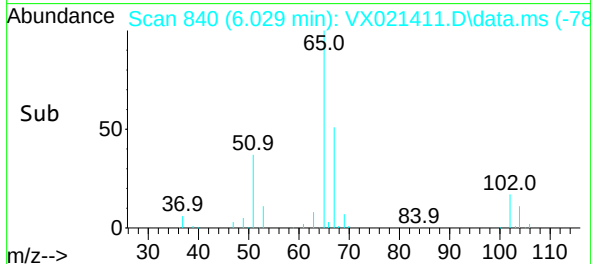
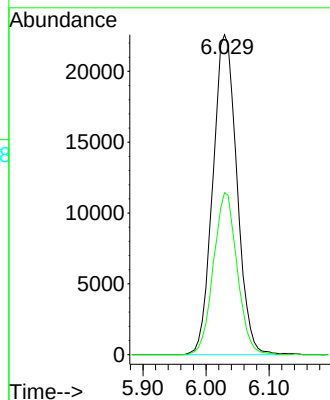
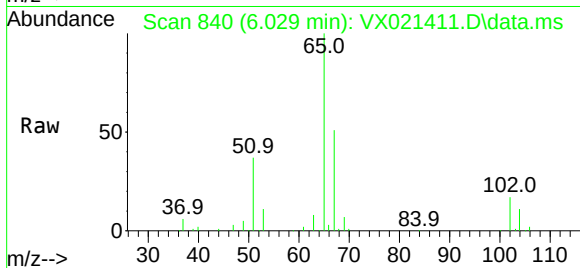
67 49.9 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

MW-105D



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021411.D

Acq: 24 Mar 2021 02:18

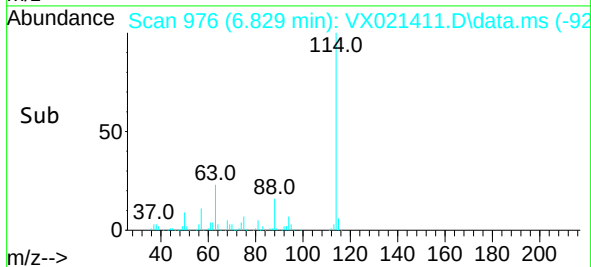
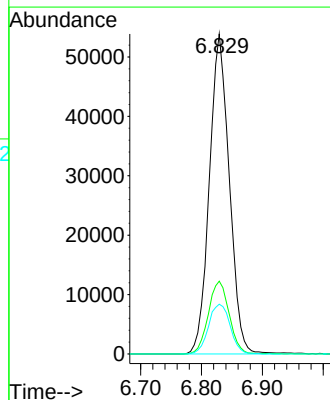
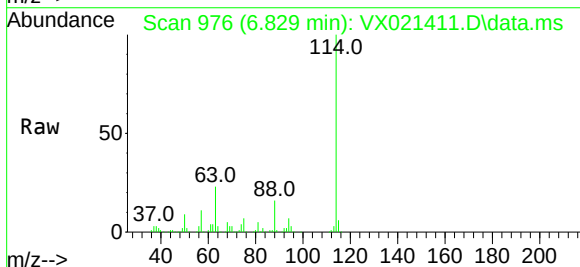
Tgt Ion: 114 Resp: 122513

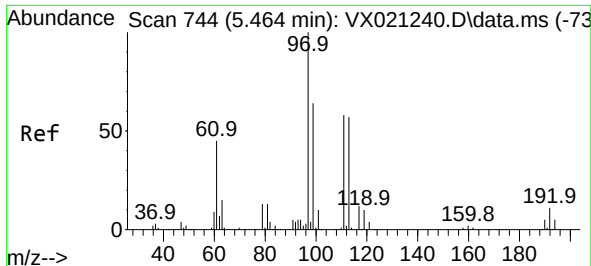
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.8

88 15.6 0.0 32.8

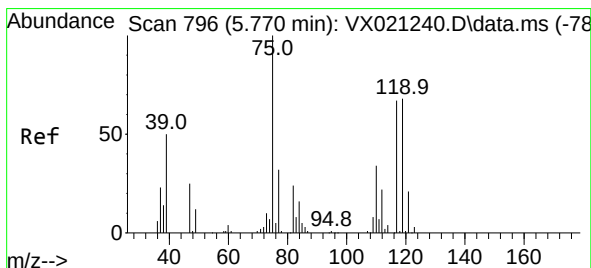
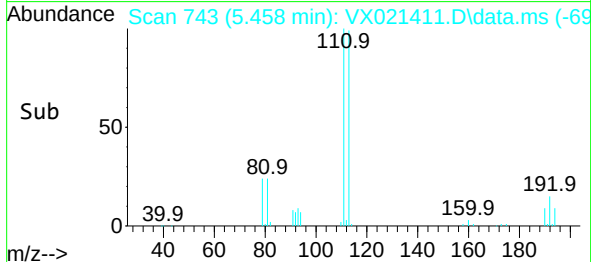
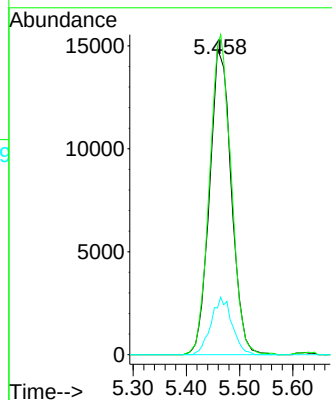
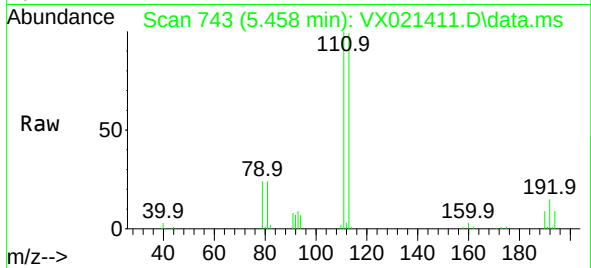




#35
Dibromofluoromethane
Concen: 50.57 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

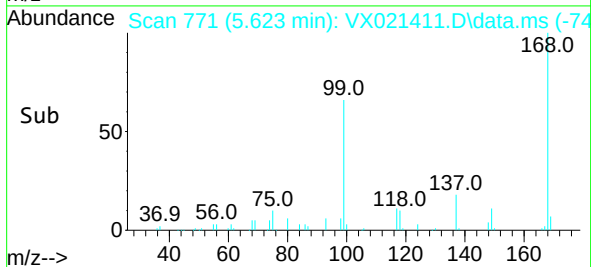
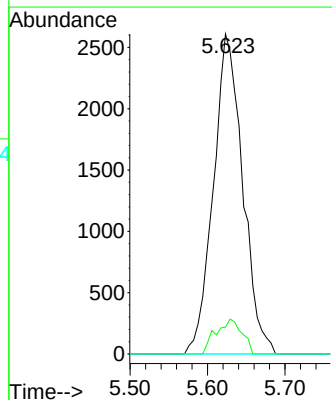
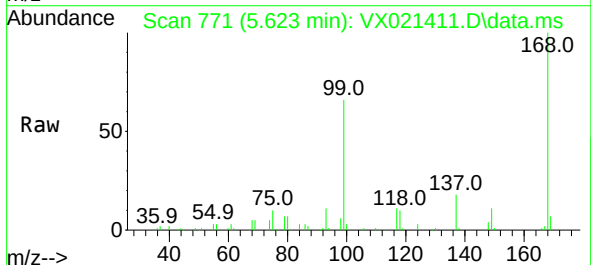
Instrument :
MSVOA_X
ClientSampleId :
MW-105D

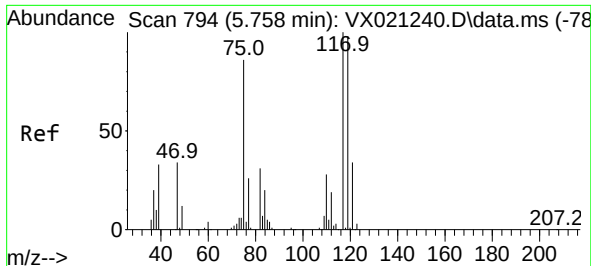
Tgt Ion:113 Resp: 42159
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 18.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.56 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

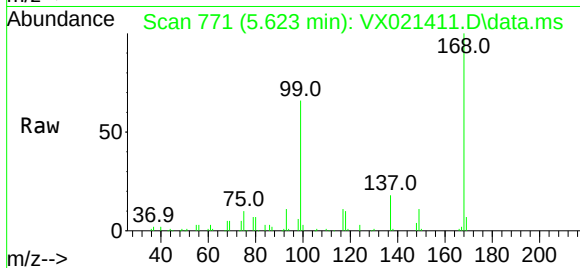
Tgt Ion: 75 Resp: 6860
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



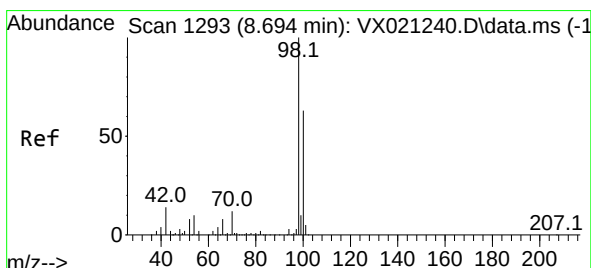
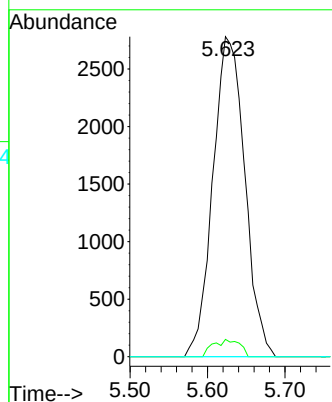
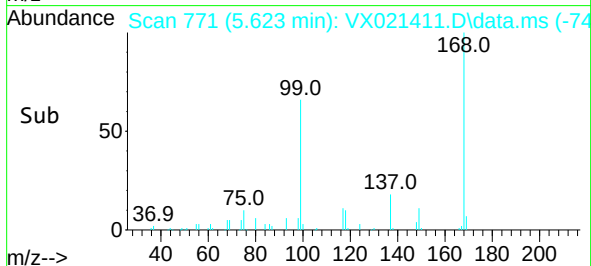


#38
Carbon Tetrachloride
Concen: 6.21 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

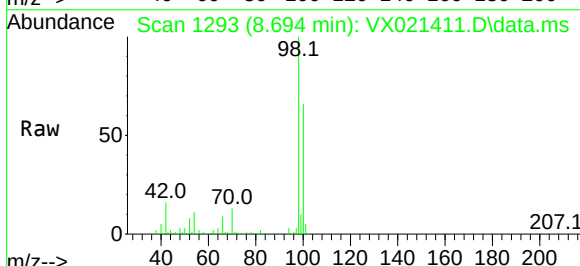
Instrument :
MSVOA_X
ClientSampleId :
MW-105D



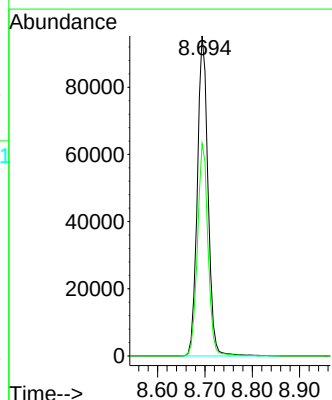
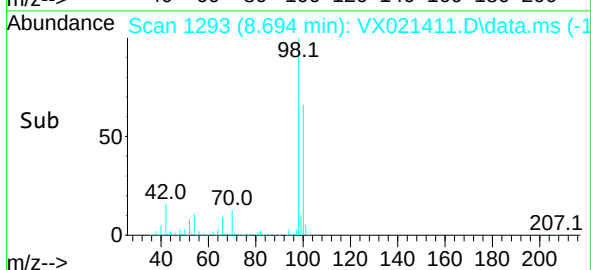
Tgt Ion:117 Resp: 7957
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

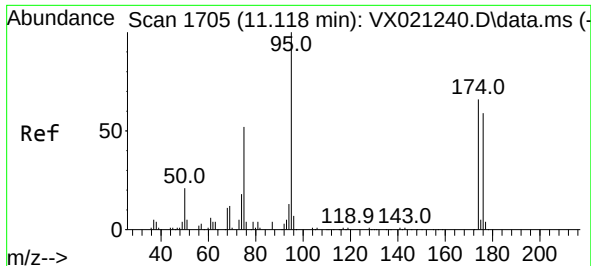


#50
Toluene-d8
Concen: 49.16 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18



Tgt Ion: 98 Resp: 148685
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

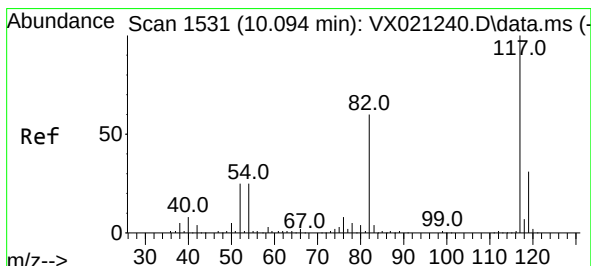
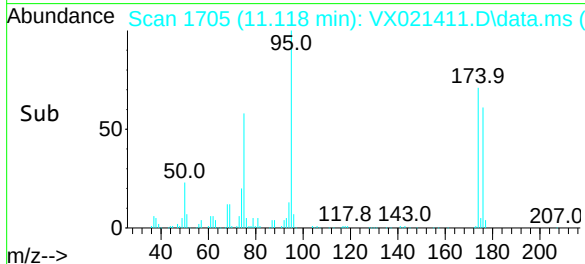
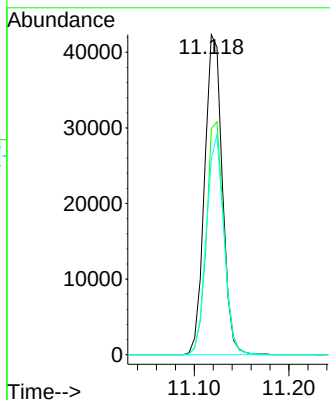
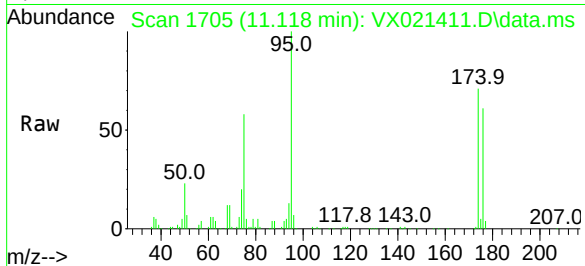




#62
4-Bromofluorobenzene
Concen: 46.84 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

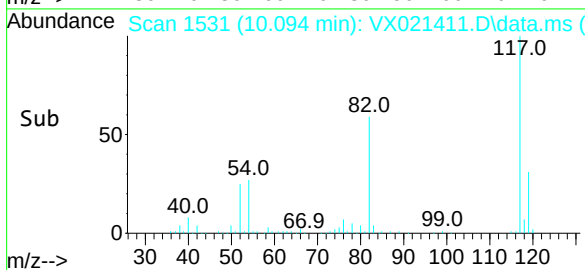
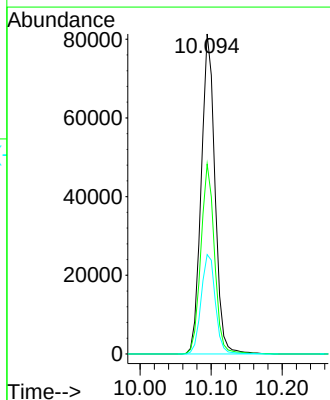
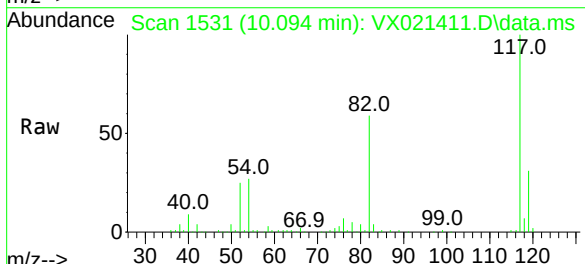
Instrument :
MSVOA_X
ClientSampleId :
MW-105D

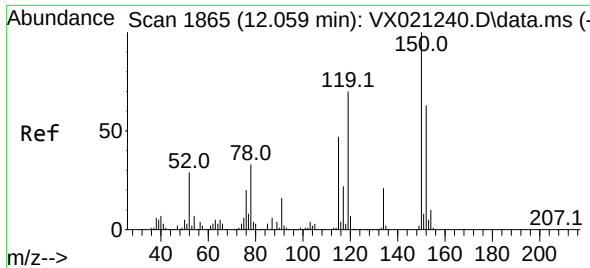
Tgt Ion: 95 Resp: 55027
Ion Ratio Lower Upper
95 100
174 71.2 0.0 154.6
176 68.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021411.D
Acq: 24 Mar 2021 02:18

Tgt Ion: 117 Resp: 109731
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 31.0 26.6 39.8

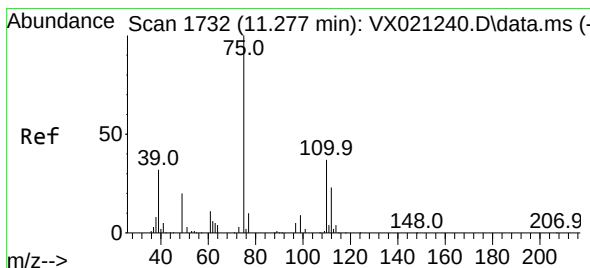
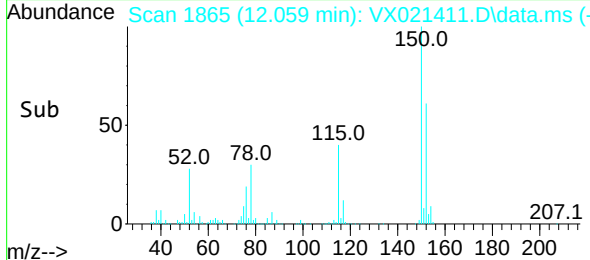
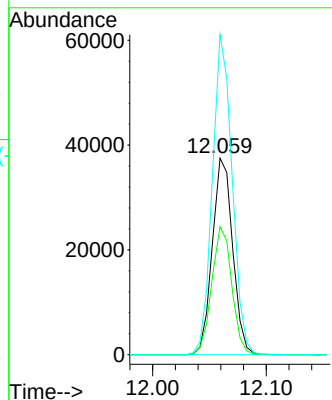
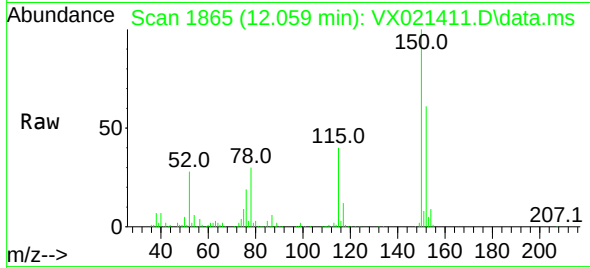




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021411.D
 Acq: 24 Mar 2021 02:18

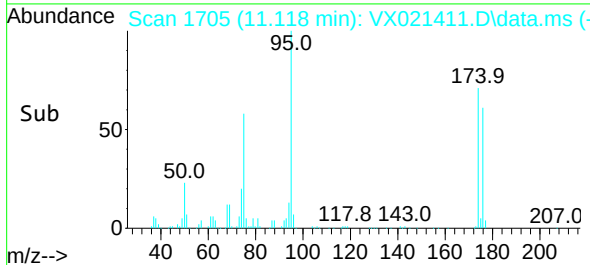
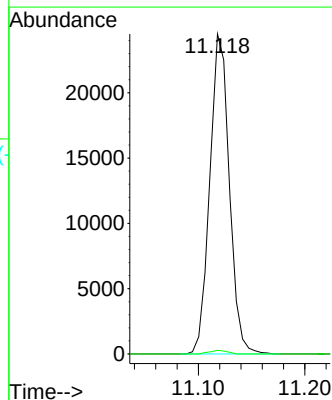
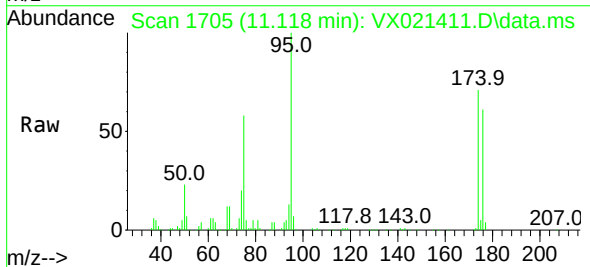
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105D

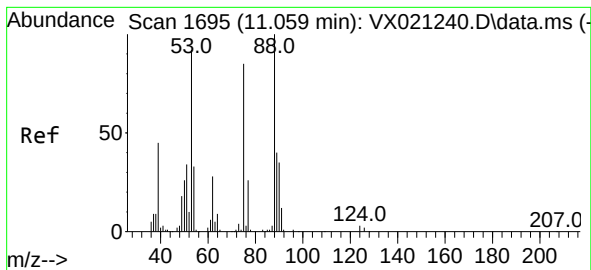
Tgt Ion:152 Resp: 46721
 Ion Ratio Lower Upper
 152 100
 115 64.0 41.1 123.3
 150 158.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.73 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021411.D
 Acq: 24 Mar 2021 02:18

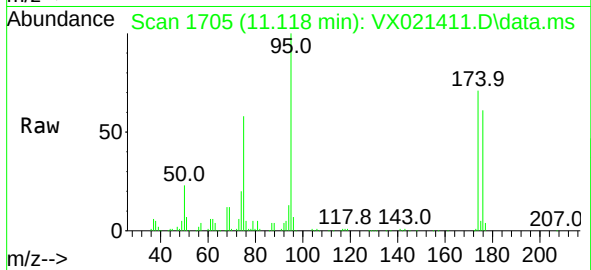
Tgt Ion: 75 Resp: 31141
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.01 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021411.D
 Acq: 24 Mar 2021 02:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105D



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

