

Data File : VX017233.D
Acq On : 08 Jul 2020 03:37
Operator : JC/SP
Sample : L3232-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1006-MW-05

Quant Time: Jul 08 04:06:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	239416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	401364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	160356	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
35) Dibromofluoromethane	5.47	113	137297	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	8.70	98	496202	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	11.12	95	202973	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	

Target Compounds

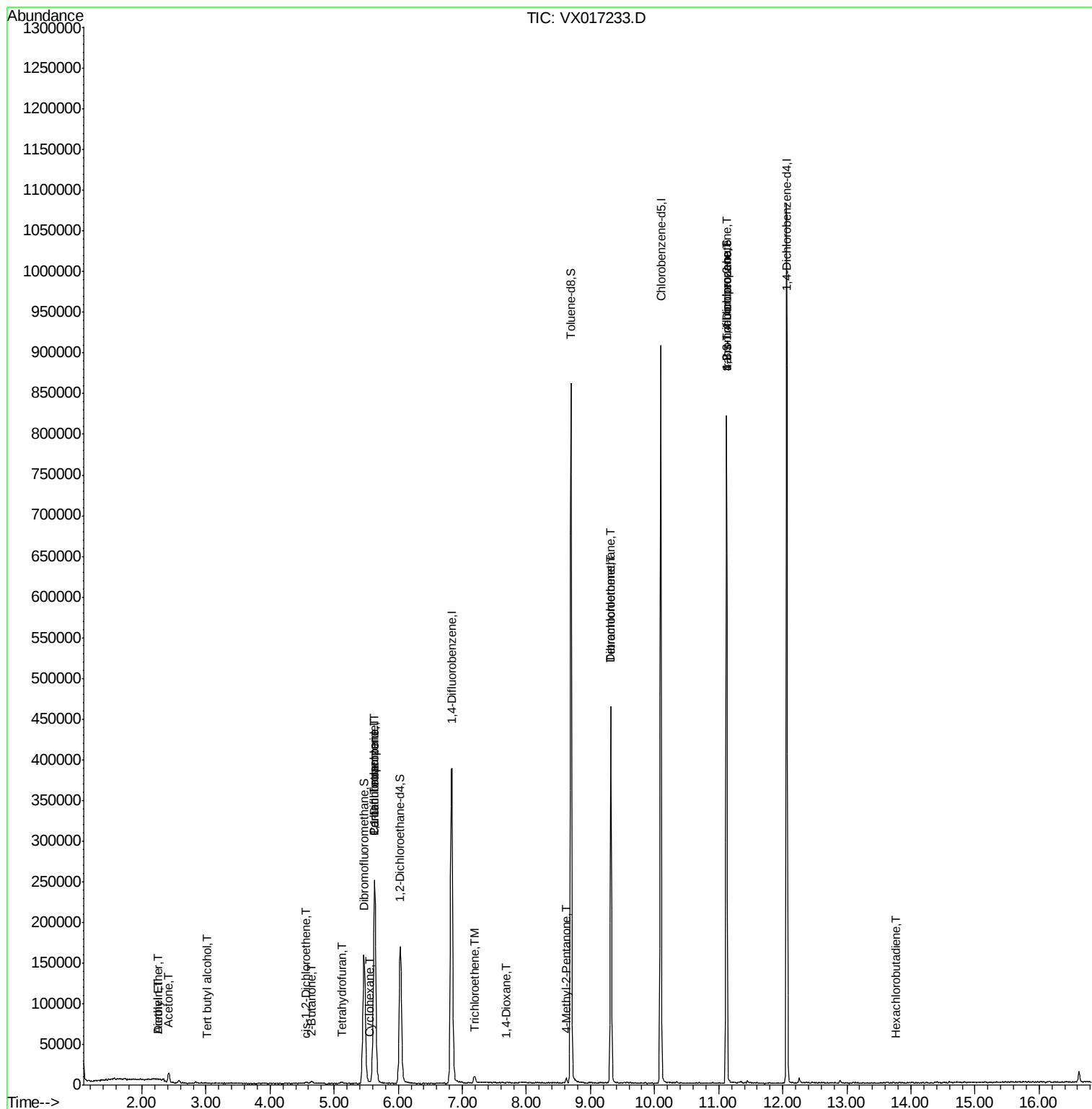
						Qvalue
8) Diethyl Ether	2.26	74	65	0.415	ug/l	67
11) Tert butyl alcohol	3.02	59	663	1.177	ug/l #	80
13) Acrolein	2.26	56	315	0.936	ug/l #	53
16) Acetone	2.42	43	13761	12.463	ug/l	99
20) Methylene Chloride	2.84	84	673	Below Cal	#	69
25) 2-Butanone	4.65	43	3980	2.163	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	845	0.284	ug/l	89
29) Tetrahydrofuran	5.11	42	2123	1.746	ug/l	98
31) Cyclohexane	5.56	56	879	0.221	ug/l	87
36) 1,1-Dichloropropene	5.64	75	16906	4.457	ug/l #	51
38) Carbon Tetrachloride	5.64	117	23152	5.541	ug/l #	16
44) Trichloroethene	7.19	130	3297	0.767	ug/l	79
49) 1,4-Dioxane	7.69	88	25	0.363	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	3449	0.905	ug/l	96
60) Dibromochloromethane	9.32	129	82205	24.894	ug/l #	11
64) Tetrachloroethene	9.32	164	90267	26.351	ug/l	93
76) 1,2,3-Trichloropropane	11.12	75	101803	23.751	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	101803	61.508	ug/l #	13
88) 1,4-Dichlorobenzene	12.07	146	353	Below Cal	#	1
94) Hexachlorobutadiene	13.77	225	72	0.885	ug/l #	36

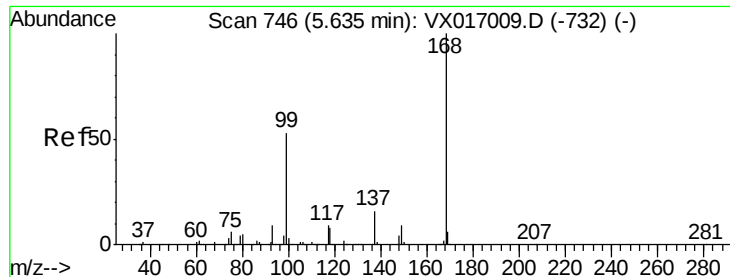
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX017233.D
Acq On : 08 Jul 2020 03:37
Operator : JC/SP
Sample : L3232-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1006-MW-05

Quant Time: Jul 08 04:06:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017233.D

Acq: 08 Jul 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

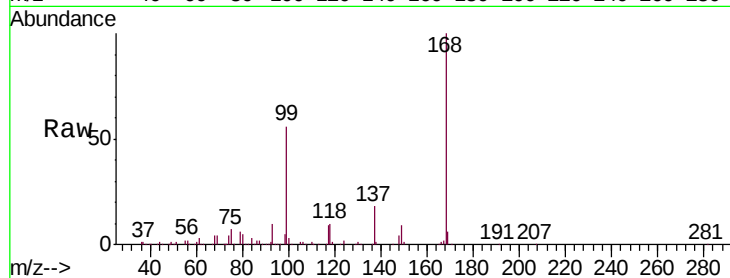
1006-MW-05

Tgt Ion:168 Resp: 239416

Ion Ratio Lower Upper

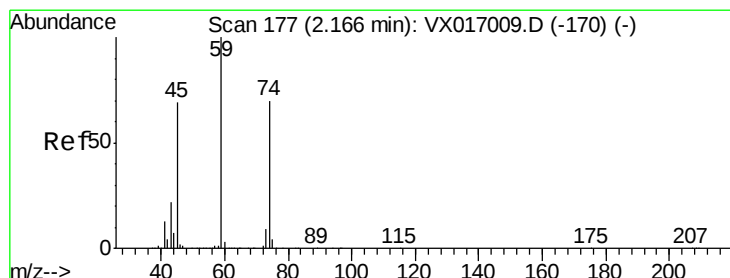
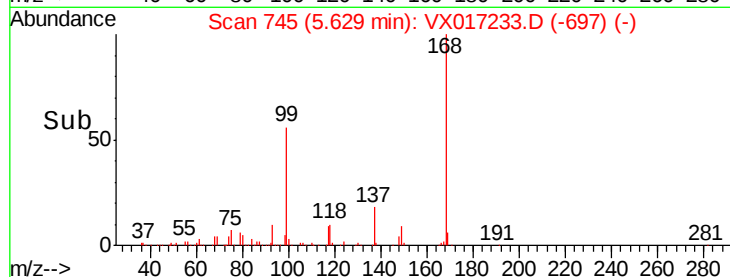
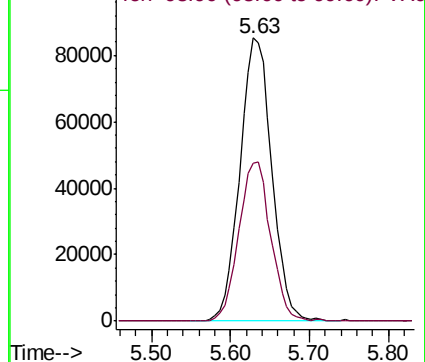
168 100

99 55.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 0.415 ug/l

RT: 2.26 min Scan# 193

Delta R.T. 0.10 min

Lab File: VX017233.D

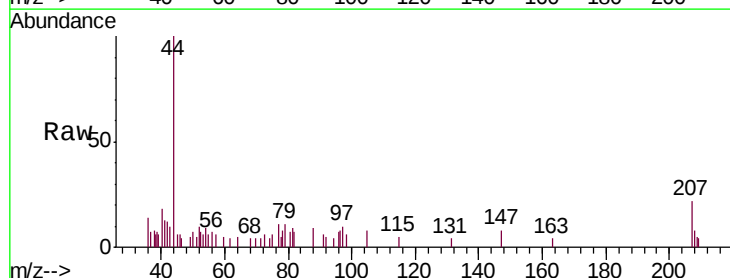
Acq: 08 Jul 2020 03:37

Tgt Ion: 74 Resp: 65

Ion Ratio Lower Upper

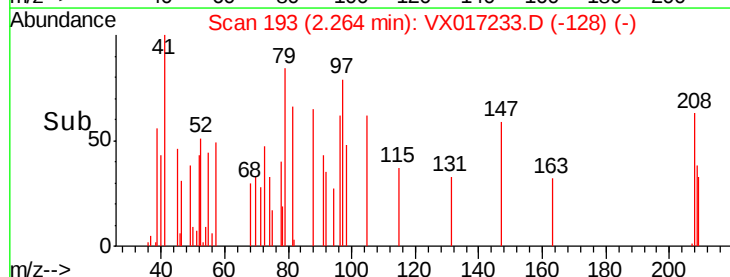
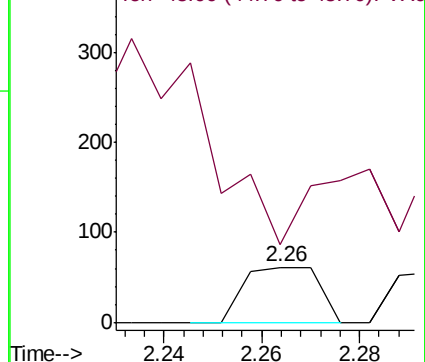
74 100

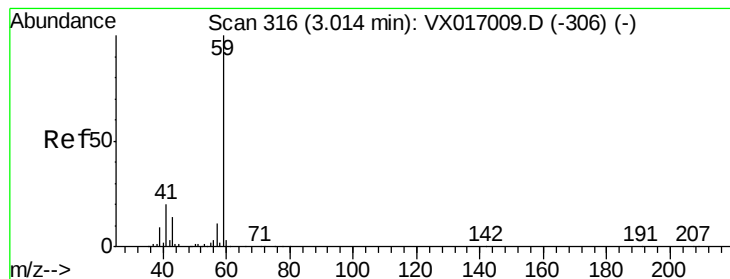
45 132.3 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#11

Tert butyl alcohol

Concen: 1.177 ug/l

RT: 3.02 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX017233.D

Acq: 08 Jul 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

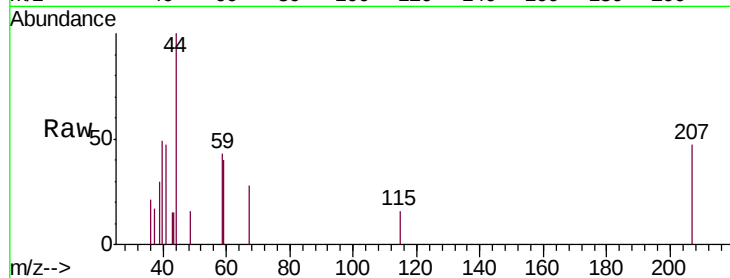
1006-MW-05

Tgt Ion: 59 Resp: 663

Ion Ratio Lower Upper

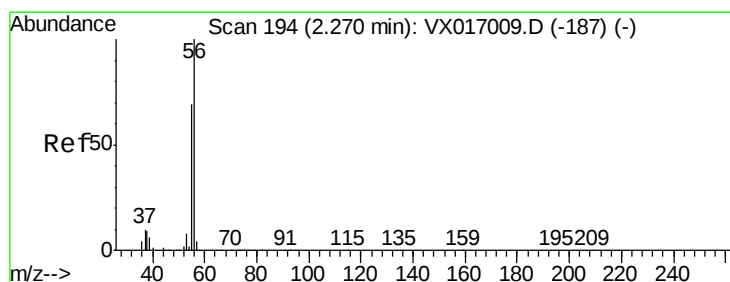
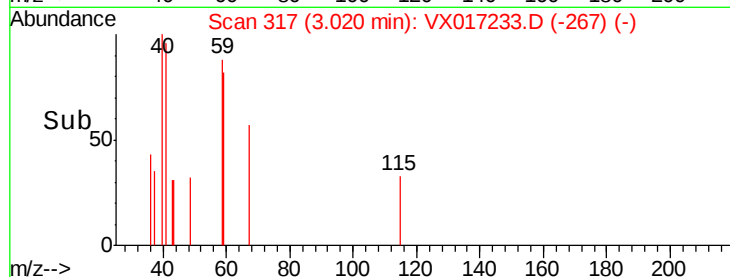
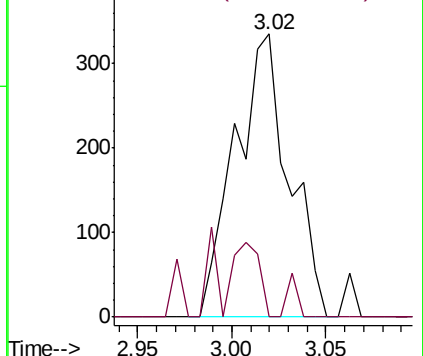
59 100

57 2.9 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 0.936 ug/l

RT: 2.26 min Scan# 192

Delta R.T. -0.01 min

Lab File: VX017233.D

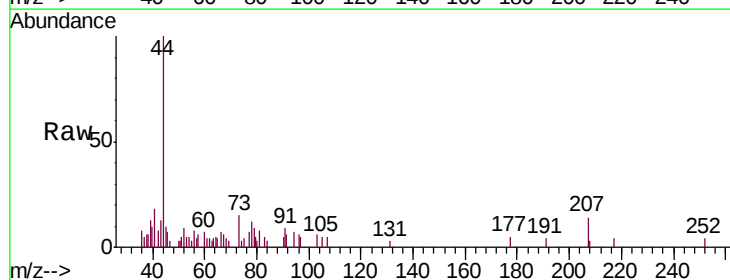
Acq: 08 Jul 2020 03:37

Tgt Ion: 56 Resp: 315

Ion Ratio Lower Upper

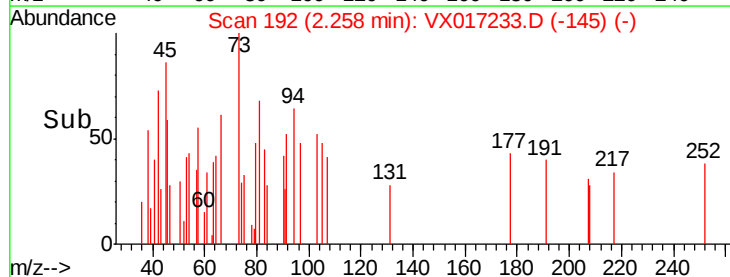
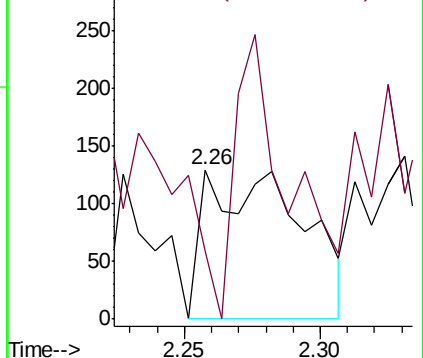
56 100

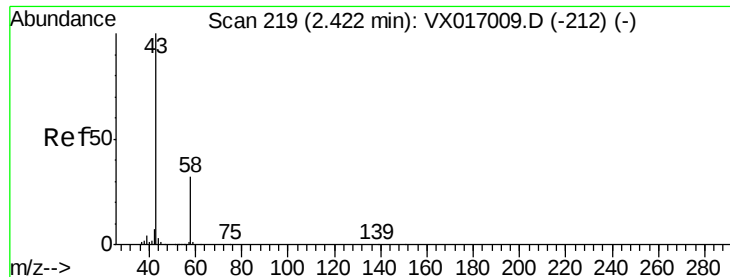
55 108.3 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 12.463 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017233.D

Acq: 08 Jul 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

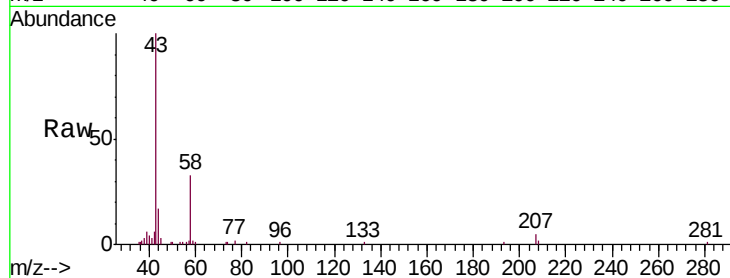
1006-MW-05

Tgt Ion: 43 Resp: 13761

Ion Ratio Lower Upper

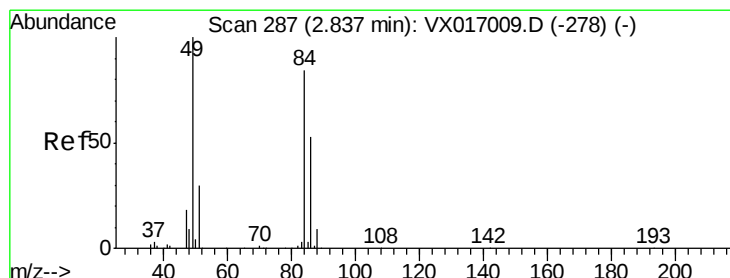
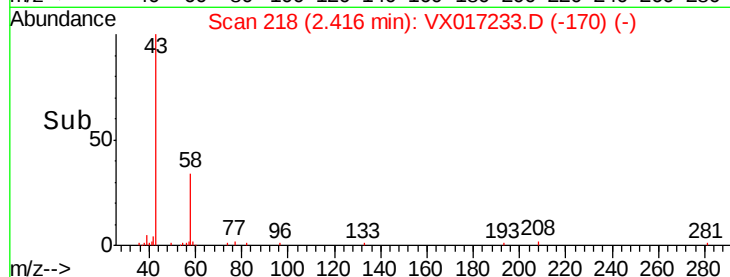
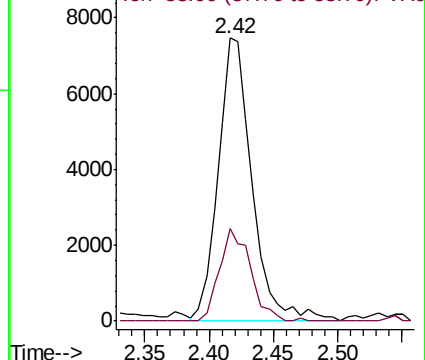
43 100

58 32.7 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017233.D

Acq: 08 Jul 2020 03:37

Tgt Ion: 84 Resp: 673

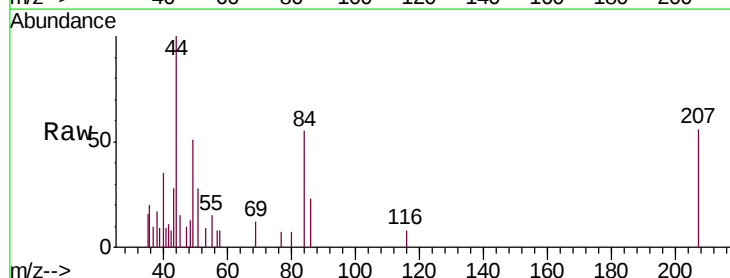
Ion Ratio Lower Upper

84 100

49 81.0 94.7 142.1#

51 51.4 28.6 42.8#

86 41.8 50.5 75.7#

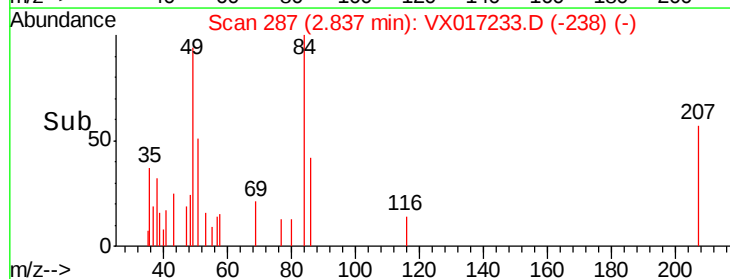
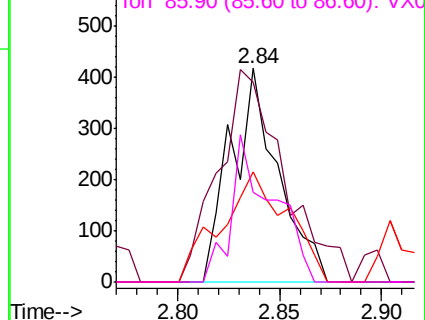


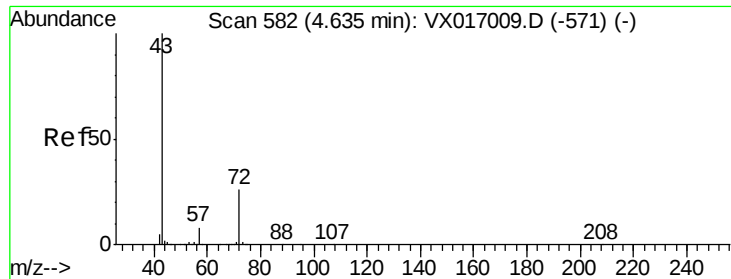
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

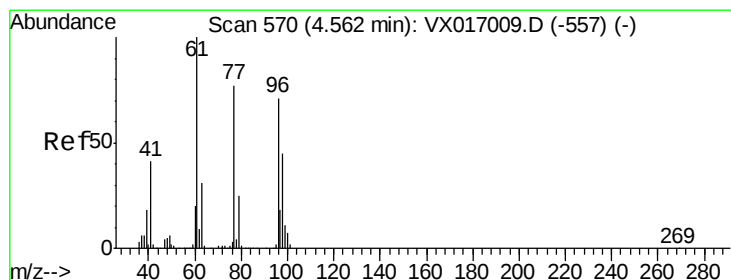
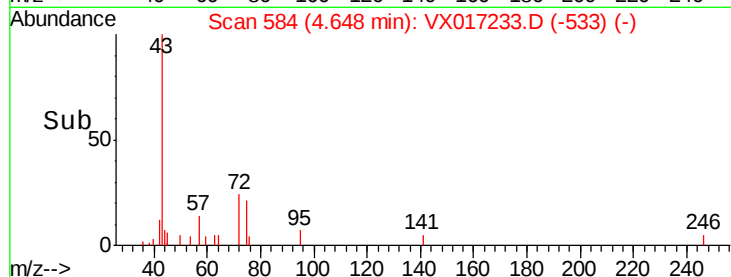
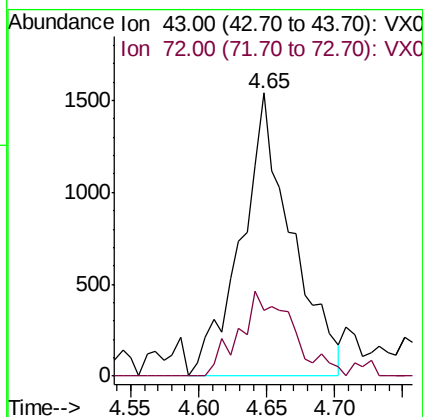
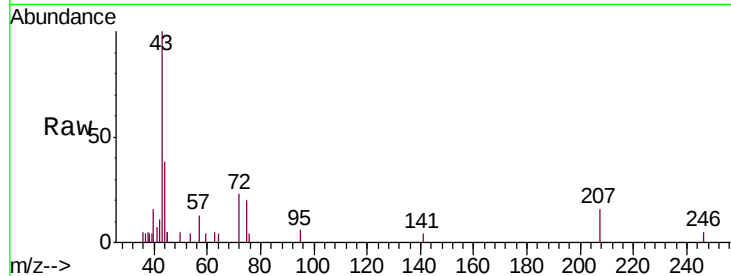




#25
2-Butanone
Concen: 2.163 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017233.D
Acq: 08 Jul 2020 03:37

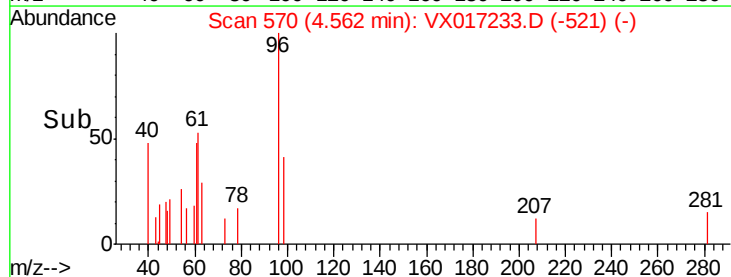
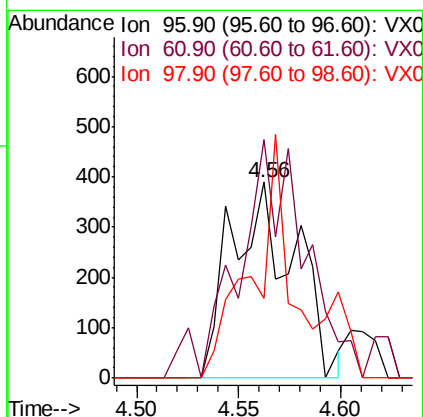
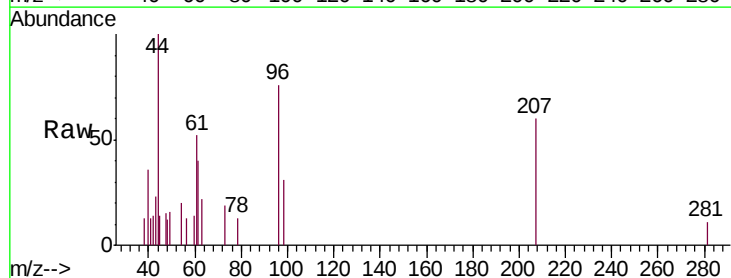
Instrument :
MSVOA_X
ClientSampled :
1006-MW-05

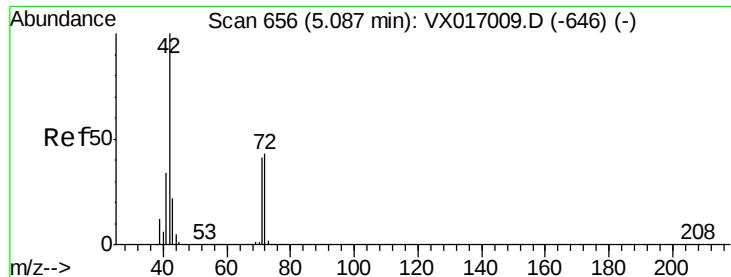
Tgt Ion: 43 Resp: 3980
Ion Ratio Lower Upper
43 100
72 23.1 20.8 31.2



#27
cis-1,2-Dichloroethene
Concen: 0.284 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017233.D
Acq: 08 Jul 2020 03:37

Tgt Ion: 96 Resp: 845
Ion Ratio Lower Upper
96 100
61 127.6 0.0 282.8
98 70.8 0.0 127.6

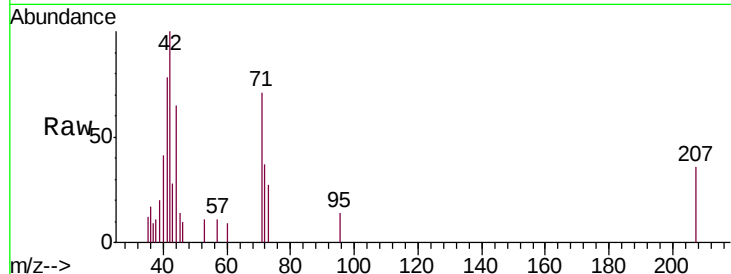




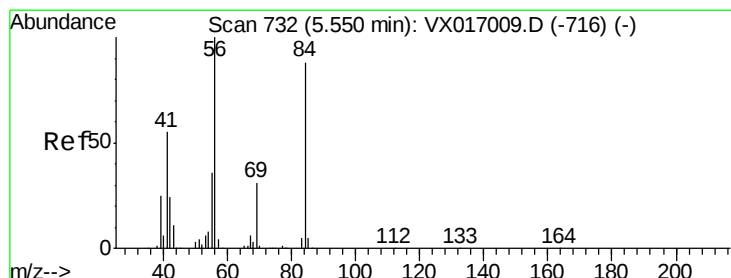
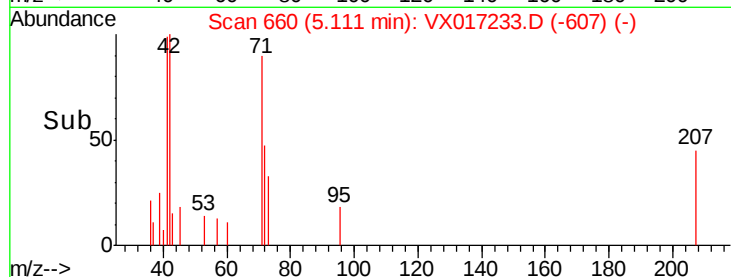
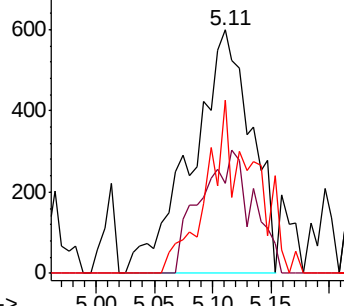
#29
Tetrahydrofuran
Concen: 1.746 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX017233.D
Acq: 08 Jul 2020 03:37

Instrument :
MSVOA_X
ClientSampled :
1006-MW-05

Tgt Ion: 42 Resp: 2123
Ion Ratio Lower Upper
42 100
72 44.6 35.3 52.9
71 38.9 33.1 49.7

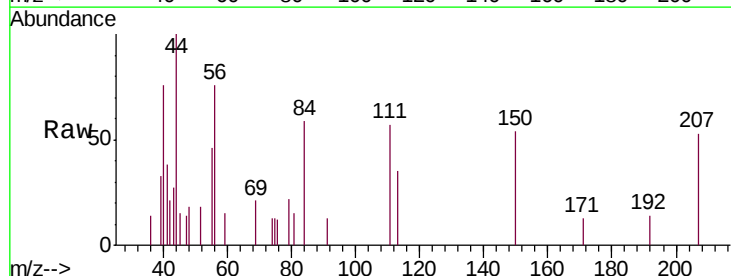


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

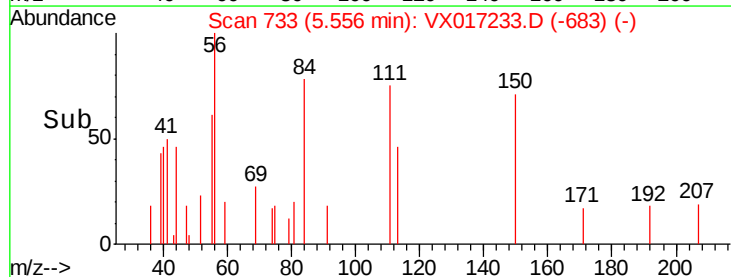
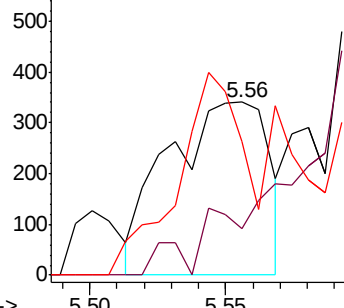


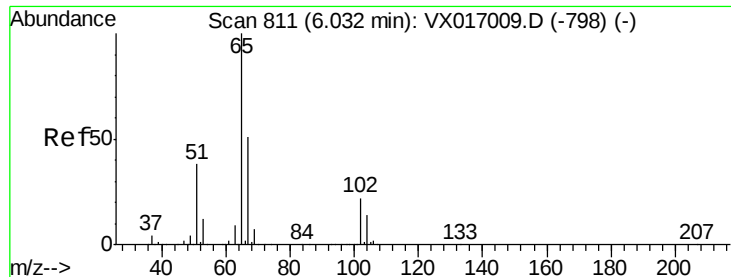
#31
Cyclohexane
Concen: 0.221 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017233.D
Acq: 08 Jul 2020 03:37

Tgt Ion: 56 Resp: 879
Ion Ratio Lower Upper
56 100
69 33.2 25.0 37.4
84 71.5 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

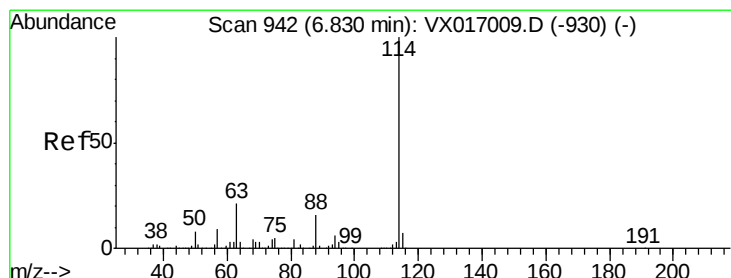
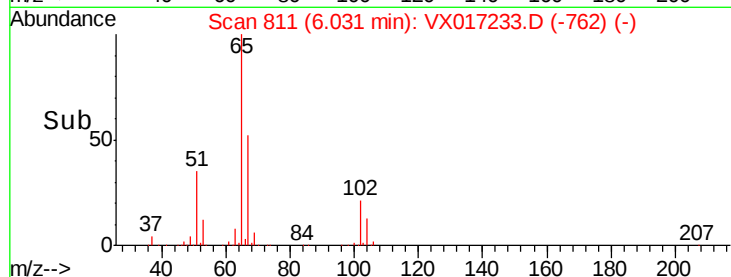
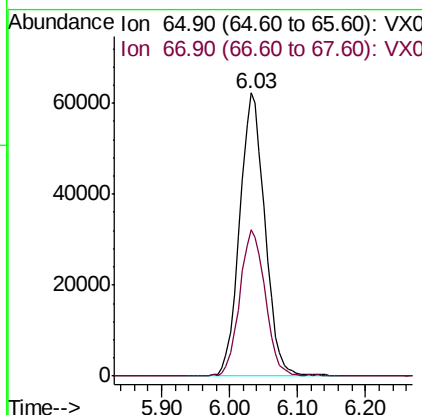
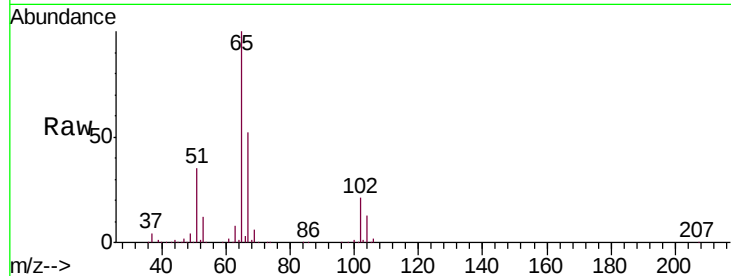




#33
 1,2-Dichloroethane-d4
 Concen: 54.330 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017233.D
 Acq: 08 Jul 2020 03:37

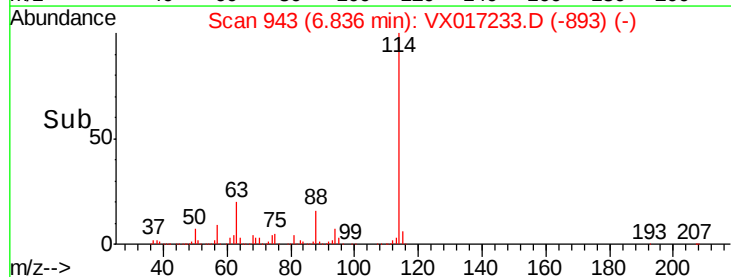
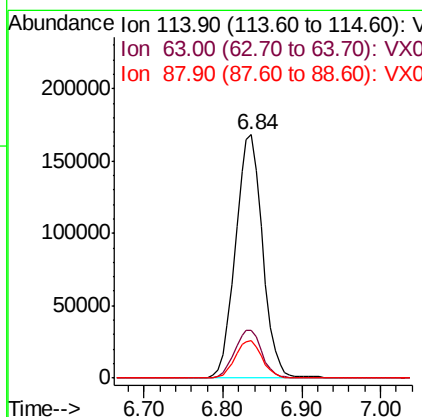
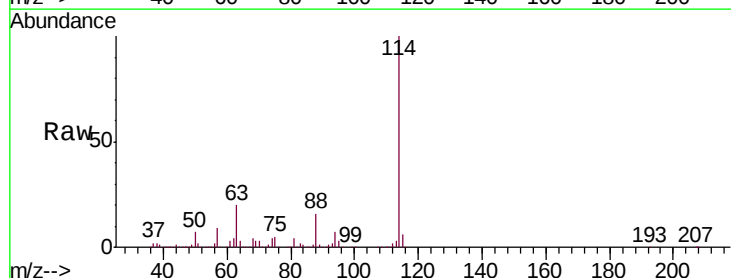
Instrument :
 MSVOA_X
 ClientSampleId :
 1006-MW-05

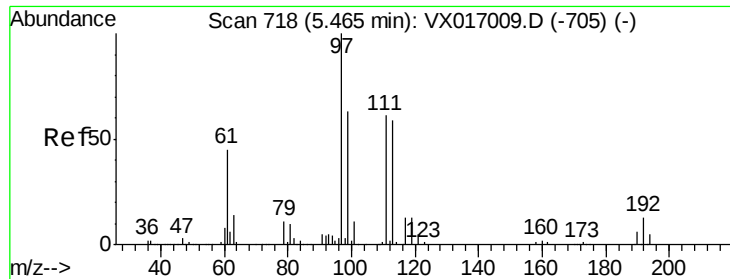
Tgt Ion: 65 Resp: 160356
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017233.D
 Acq: 08 Jul 2020 03:37

Tgt Ion: 114 Resp: 401364
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 15.6 0.0 32.4

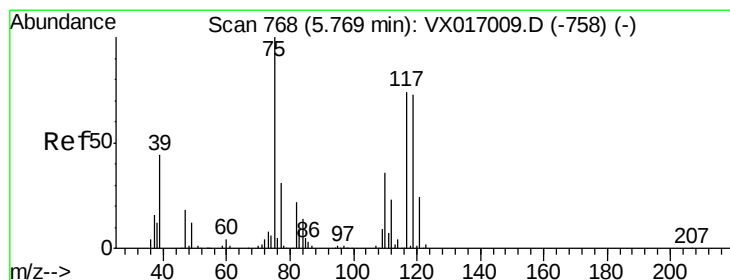
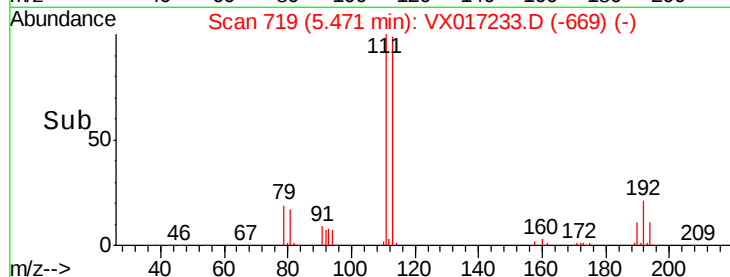
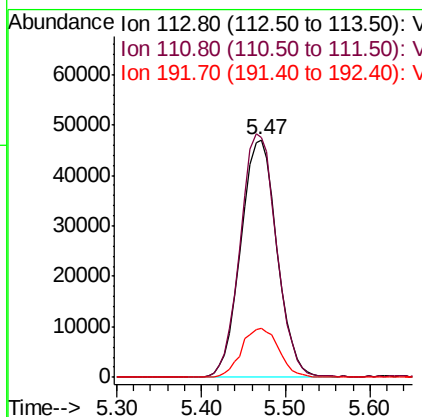
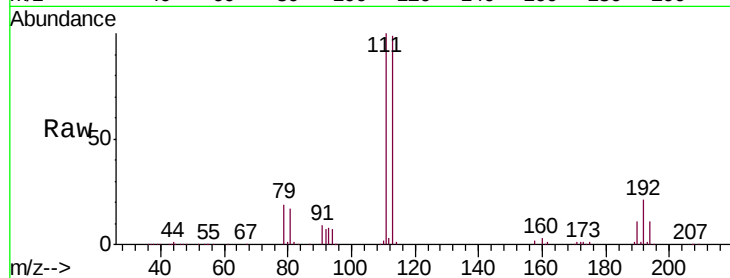




#35
 Dibromofluoromethane
 Concen: 54.077 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017233.D
 Acq: 08 Jul 2020 03:37

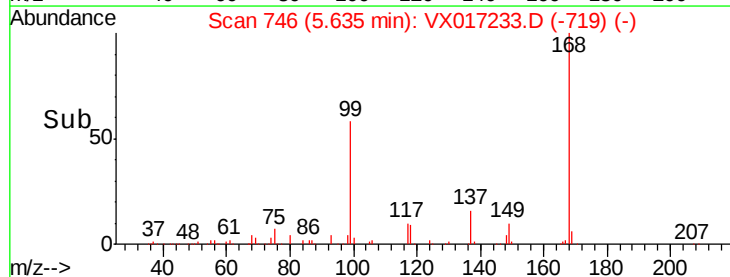
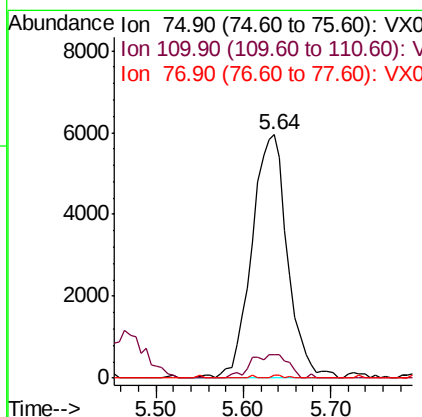
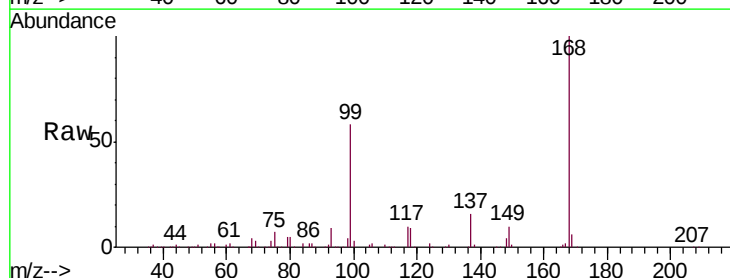
Instrument :
 MSVOA_X
 ClientSampleId :
 1006-MW-05

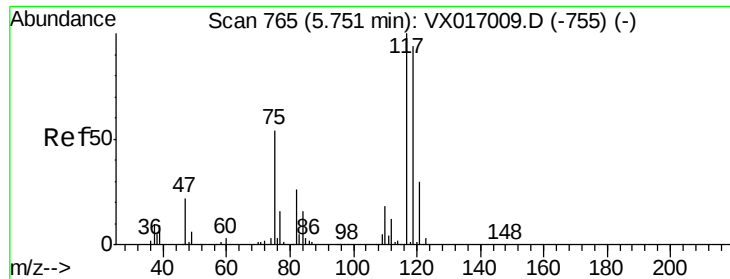
Tgt Ion:113 Resp: 137297
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 21.3 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 4.457 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX017233.D
 Acq: 08 Jul 2020 03:37

Tgt Ion: 75 Resp: 16906
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.1 54.1#
 77 0.5 24.6 37.0#

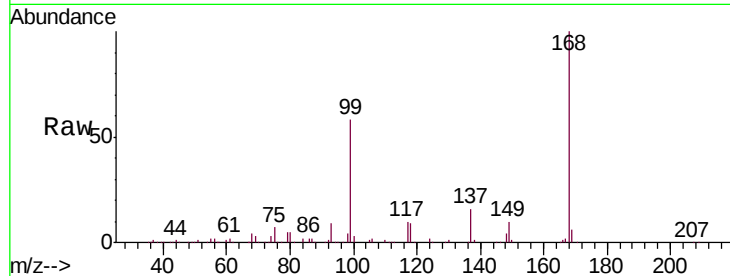




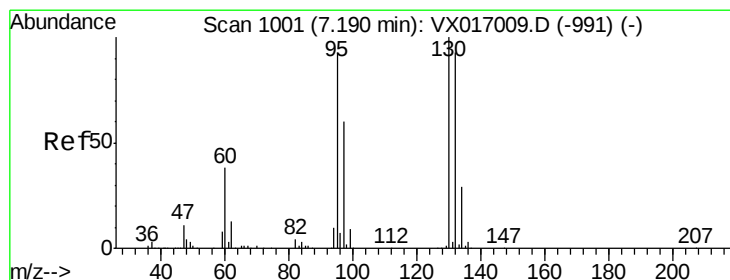
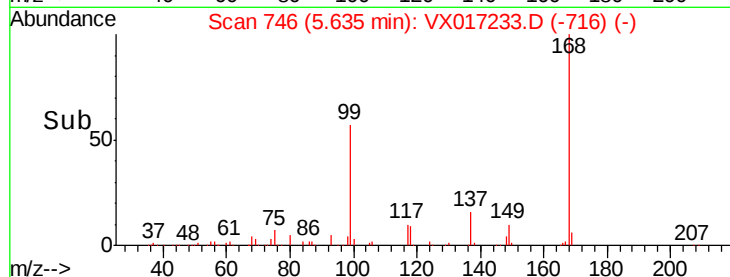
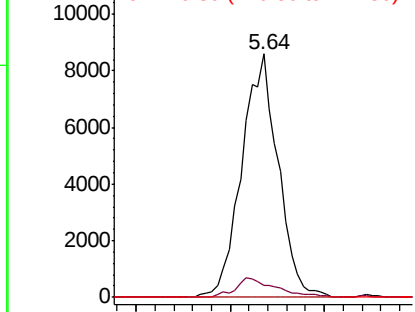
#38
Carbon Tetrachloride
Concen: 5.541 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017233.D
Acq: 08 Jul 2020 03:37

Instrument :
MSVOA_X
ClientSampleId :
1006-MW-05

Tgt Ion:117 Resp: 23152
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.0#
121 0.0 23.8 35.6#

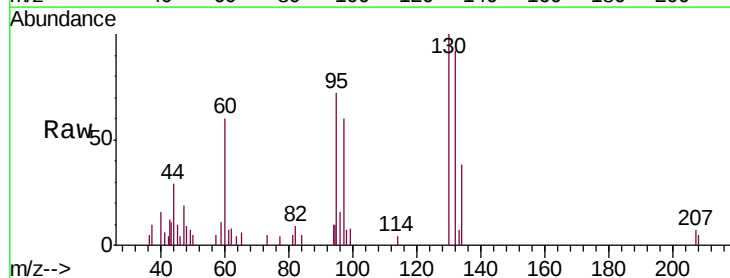


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

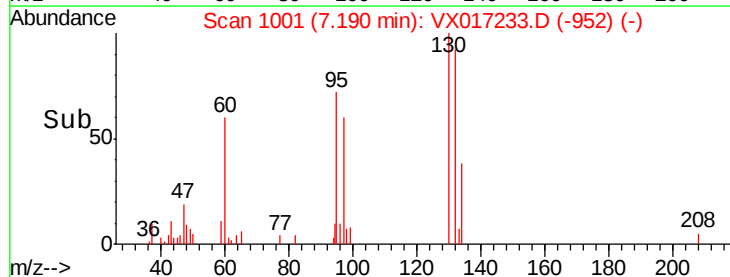
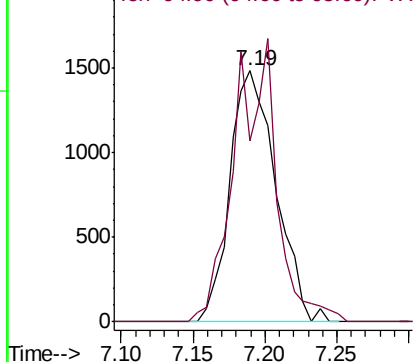


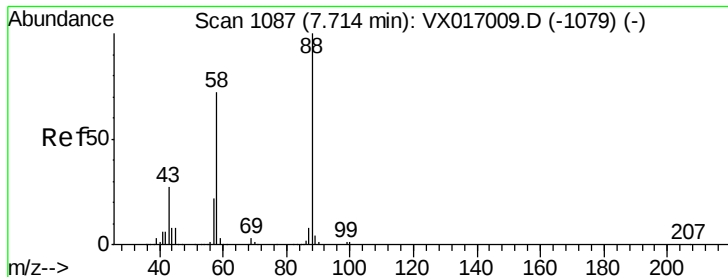
#44
Trichloroethene
Concen: 0.767 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017233.D
Acq: 08 Jul 2020 03:37

Tgt Ion:130 Resp: 3297
Ion Ratio Lower Upper
130 100
95 72.0 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

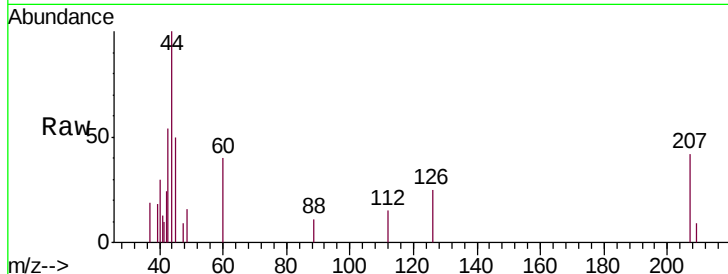




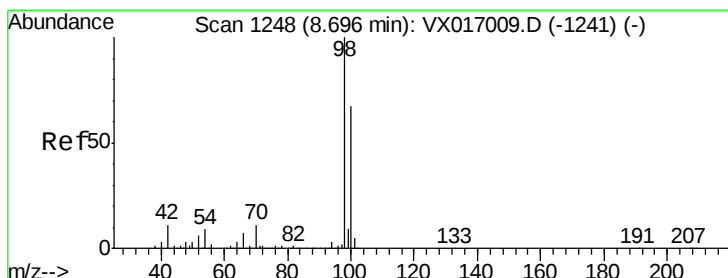
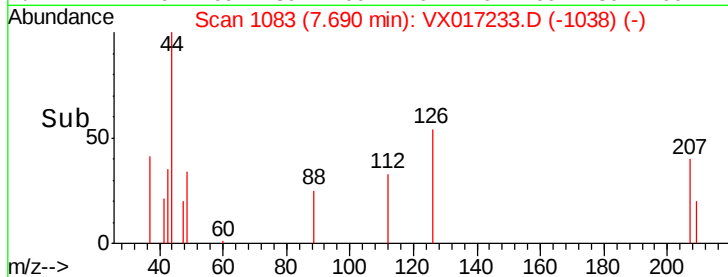
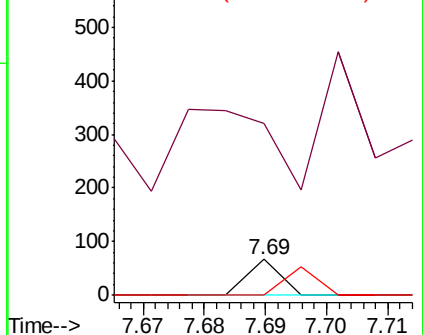
#49
 1,4-Dioxane
 Concen: 0.363 ug/l
 RT: 7.69 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: VX017233.D
 Acq: 08 Jul 2020 03:37

Instrument :
 MSVOA_X
 ClientSampled :
 1006-MW-05

Tgt Ion: 88 Resp: 25
 Ion Ratio Lower Upper
 88 100
 43 652.0 25.8 38.8#
 58 80.0 54.8 82.2

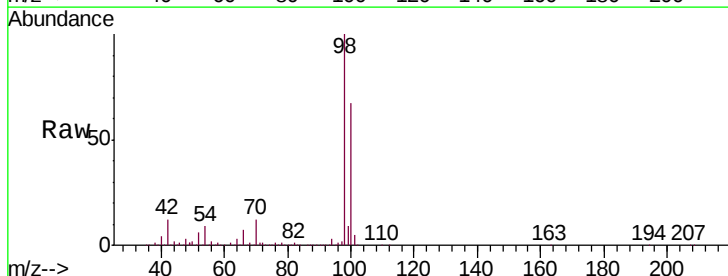


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

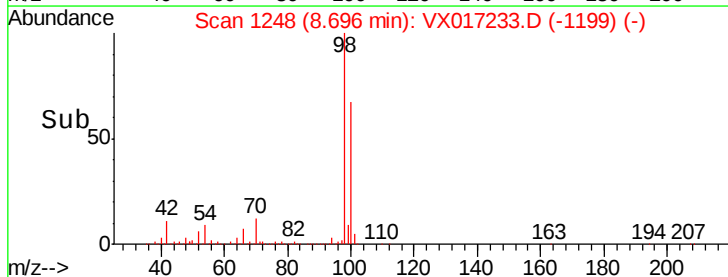
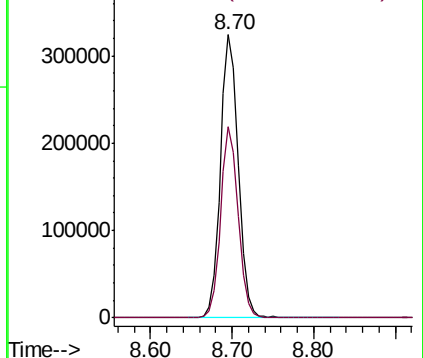


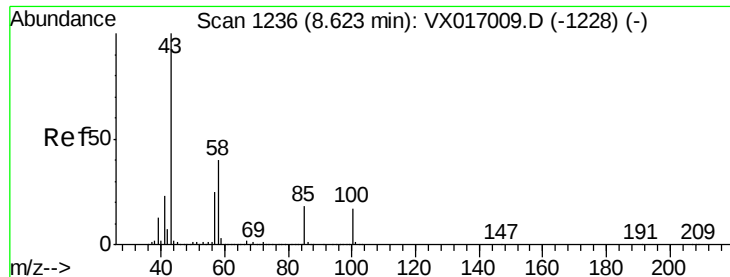
#50
 Toluene-d8
 Concen: 52.853 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017233.D
 Acq: 08 Jul 2020 03:37

Tgt Ion: 98 Resp: 496202
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0

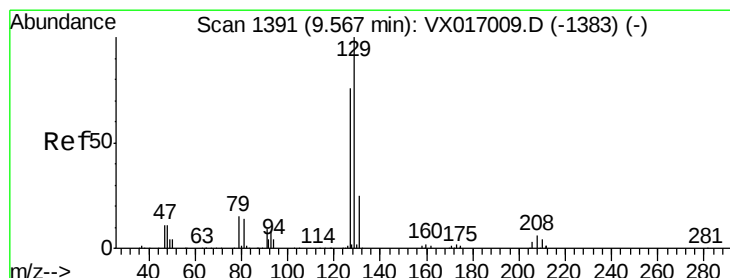
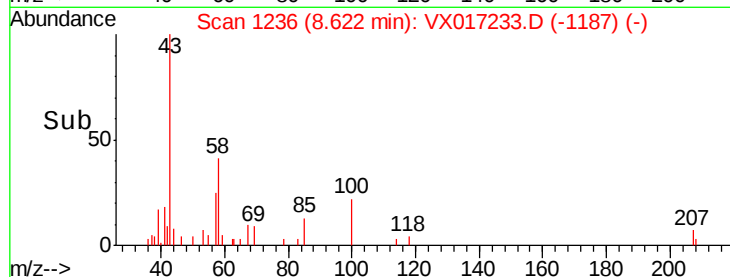
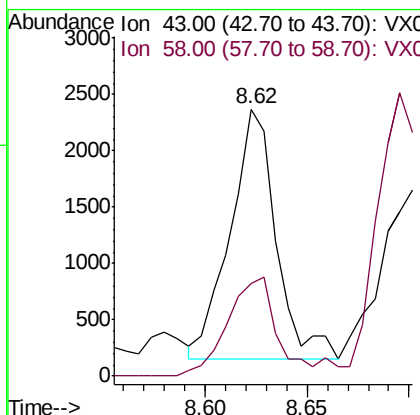
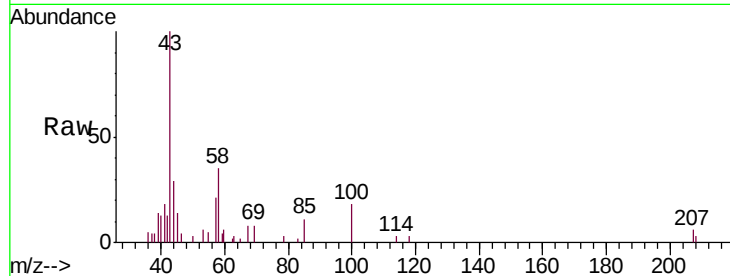




#51
 4-Methyl-2-Pentanone
 Concen: 0.905 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017233.D
 Acq: 08 Jul 2020 03:37

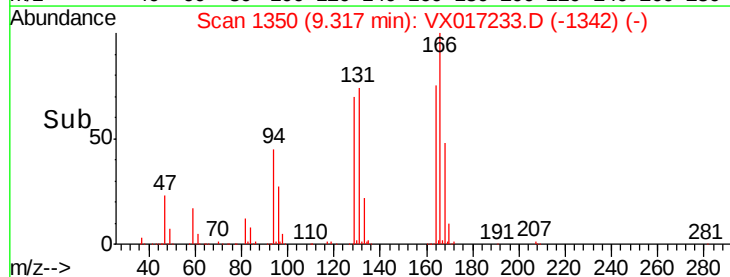
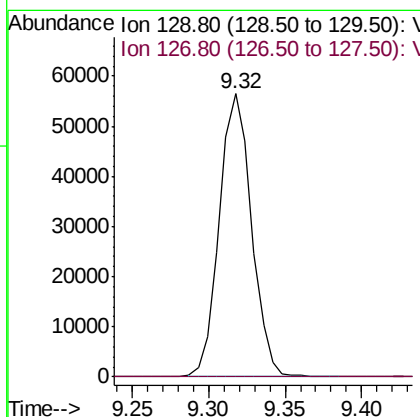
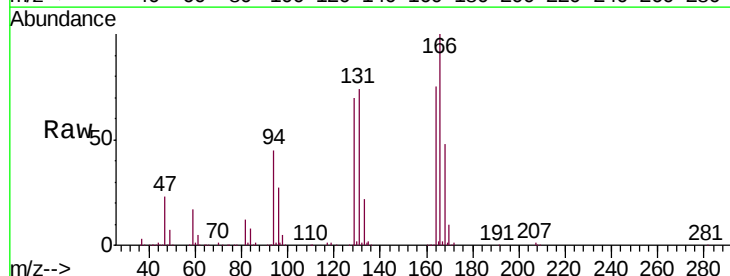
Instrument :
 MSVOA_X
 ClientSampled :
 1006-MW-05

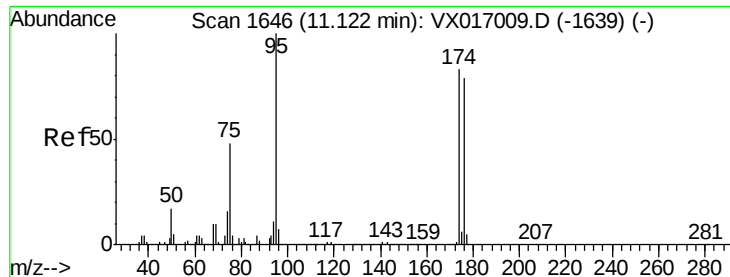
Tgt Ion: 43 Resp: 3449
 Ion Ratio Lower Upper
 43 100
 58 42.3 31.9 47.9



#60
 Dibromochloromethane
 Concen: 24.894 ug/l
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.25 min
 Lab File: VX017233.D
 Acq: 08 Jul 2020 03:37

Tgt Ion: 129 Resp: 82205
 Ion Ratio Lower Upper
 129 100
 127 0.1 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 55.306 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017233.D

Acq: 08 Jul 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

1006-MW-05

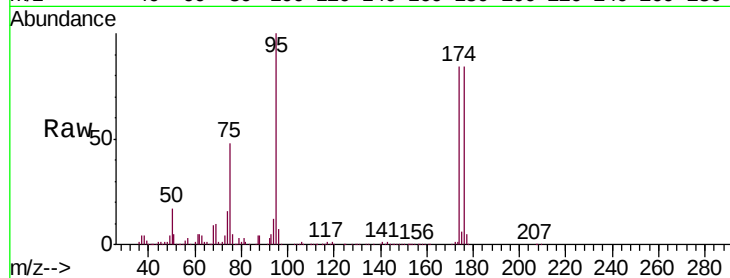
Tgt Ion: 95 Resp: 202973

Ion Ratio Lower Upper

95 100

174 84.8 0.0 164.0

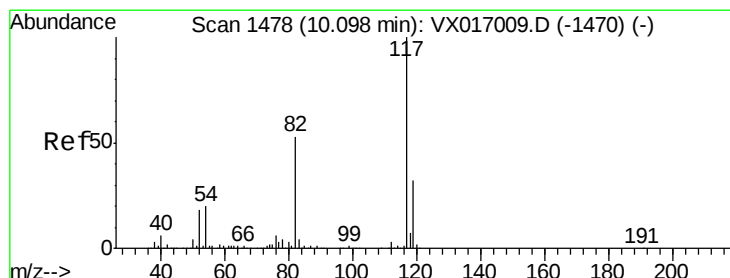
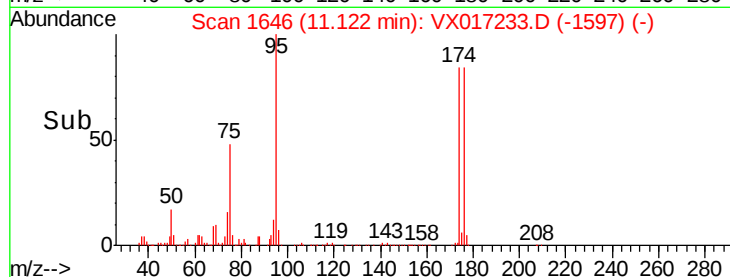
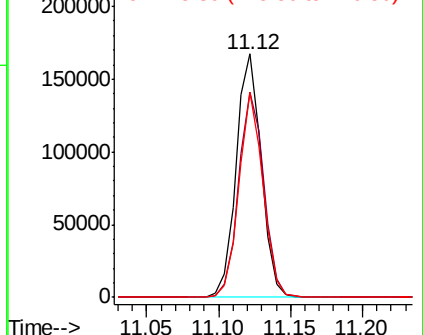
176 80.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017233.D

Acq: 08 Jul 2020 03:37

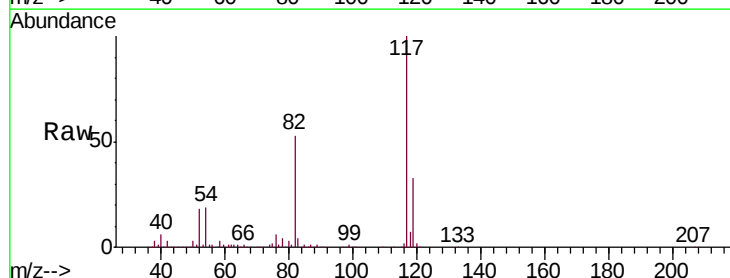
Tgt Ion: 117 Resp: 424452

Ion Ratio Lower Upper

117 100

82 52.6 42.6 63.8

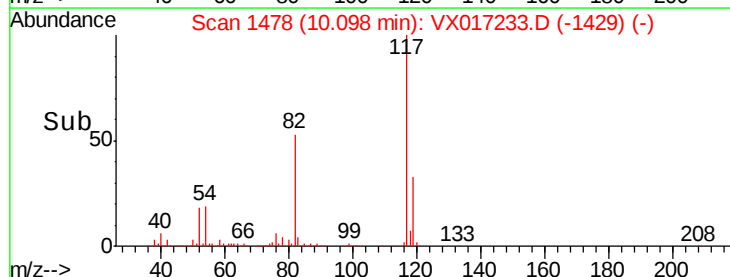
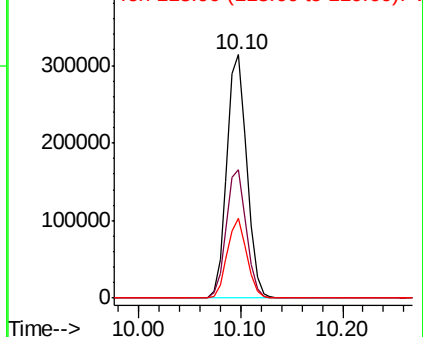
119 32.9 25.4 38.2

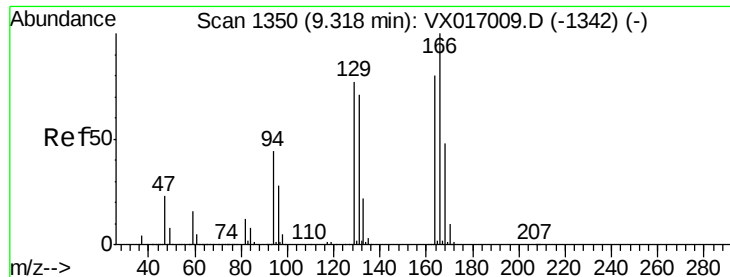


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 26.351 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017233.D

Acq: 08 Jul 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

1006-MW-05

Tgt Ion:164 Resp: 90267

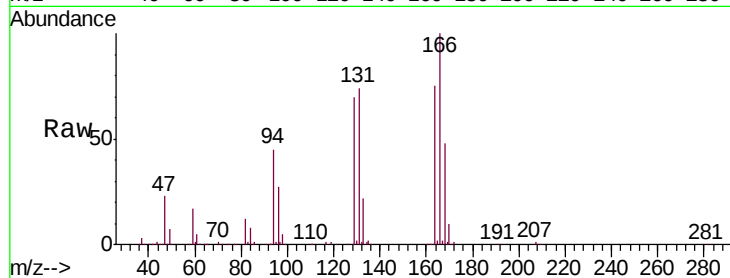
Ion Ratio Lower Upper

164 100

166 133.0 99.4 149.0

129 93.7 76.3 114.5

131 98.2 70.6 105.8

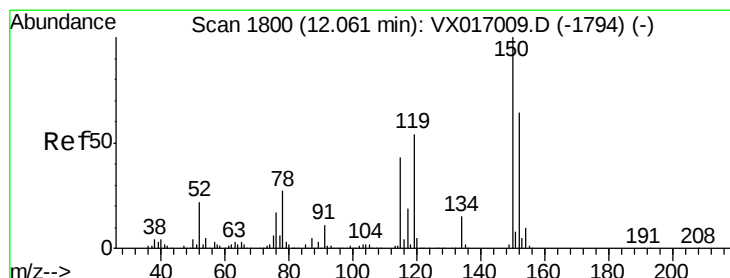
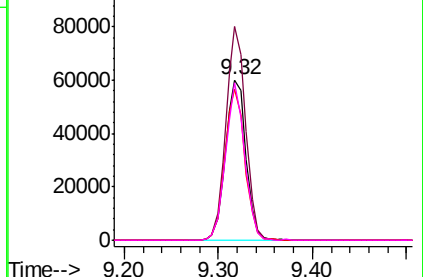
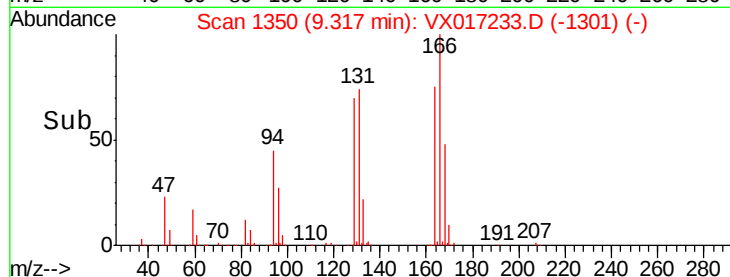


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017233.D

Acq: 08 Jul 2020 03:37

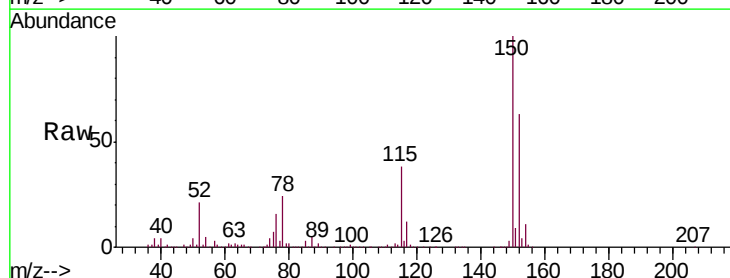
Tgt Ion:152 Resp: 217967

Ion Ratio Lower Upper

152 100

115 58.1 40.9 122.7

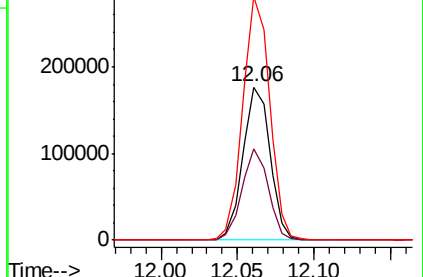
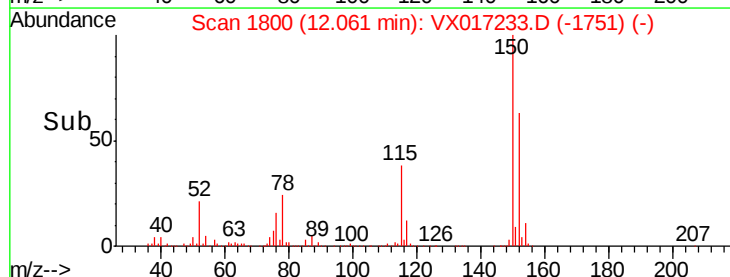
150 158.1 0.0 351.6

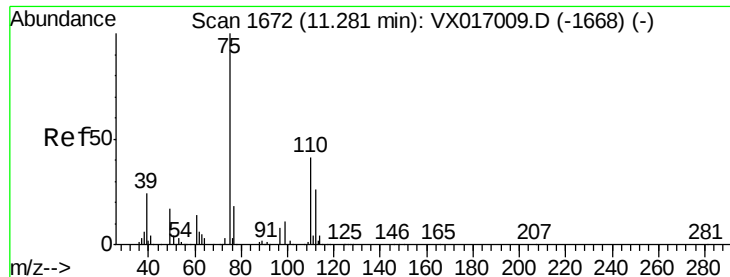


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

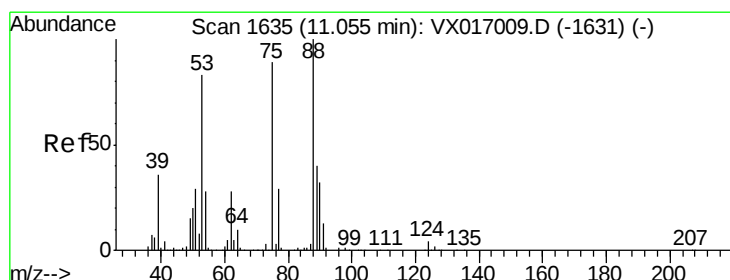
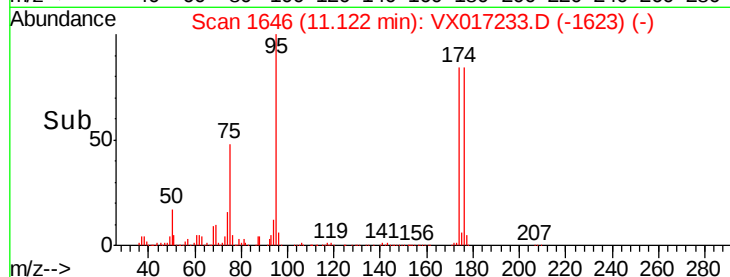
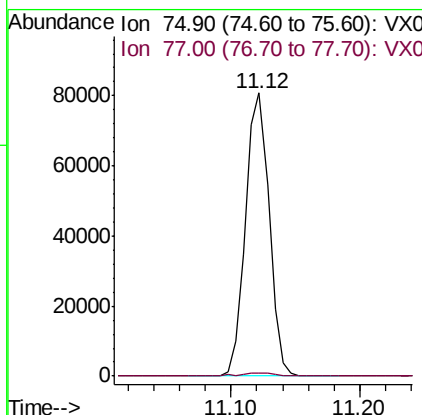
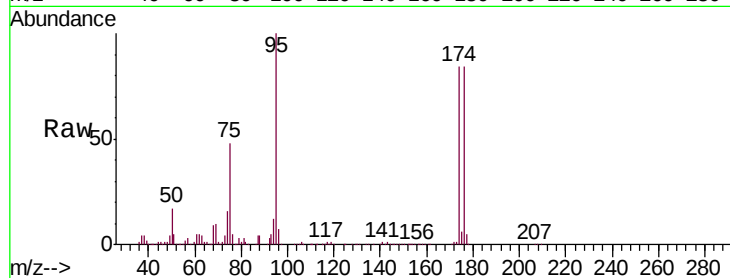




#76
 1,2,3-Trichloropropane
 Concen: 23.751 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX017233.D
 Acq: 08 Jul 2020 03:37

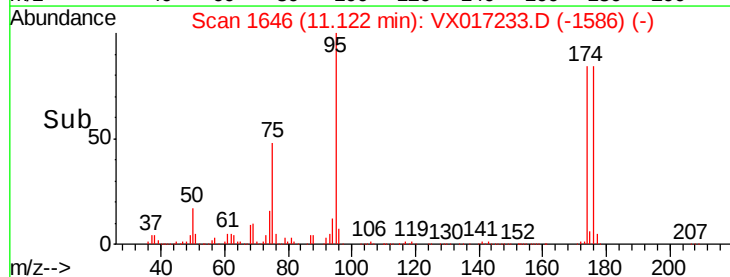
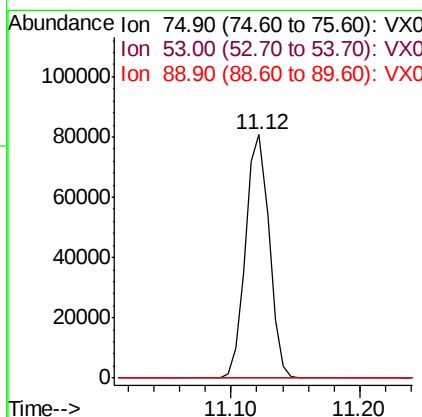
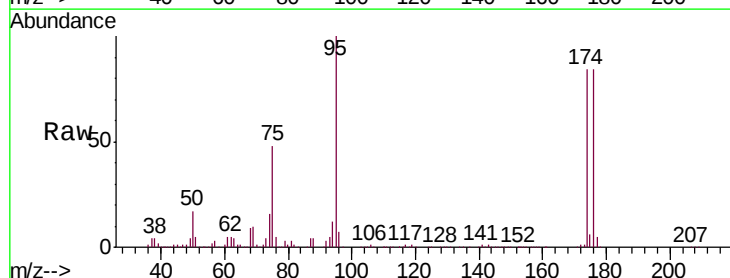
Instrument :
 MSVOA_X
 ClientSampleId :
 1006-MW-05

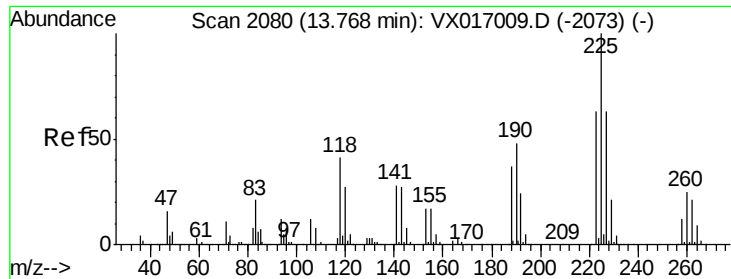
Tgt Ion: 75 Resp: 101803
 Ion Ratio Lower Upper
 75 100
 77 1.5 20.2 60.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.508 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX017233.D
 Acq: 08 Jul 2020 03:37

Tgt Ion: 75 Resp: 101803
 Ion Ratio Lower Upper
 75 100
 53 0.3 72.4 108.6#
 89 0.0 37.0 55.4#





#94
 Hexachlorobutadiene
 Concen: 0.885 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017233.D
 Acq: 08 Jul 2020 03:37

Instrument :
 MSVOA_X
 ClientSampleId :
 1006-MW-05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	30.6	32.5	97.5#
227	0.0	33.1	99.2#

