

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
 Data File : VX010783.D
 Acq On : 10 Jul 2019 17:33
 Operator : JC/SP
 Sample : K3738-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Jul 11 02:36:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

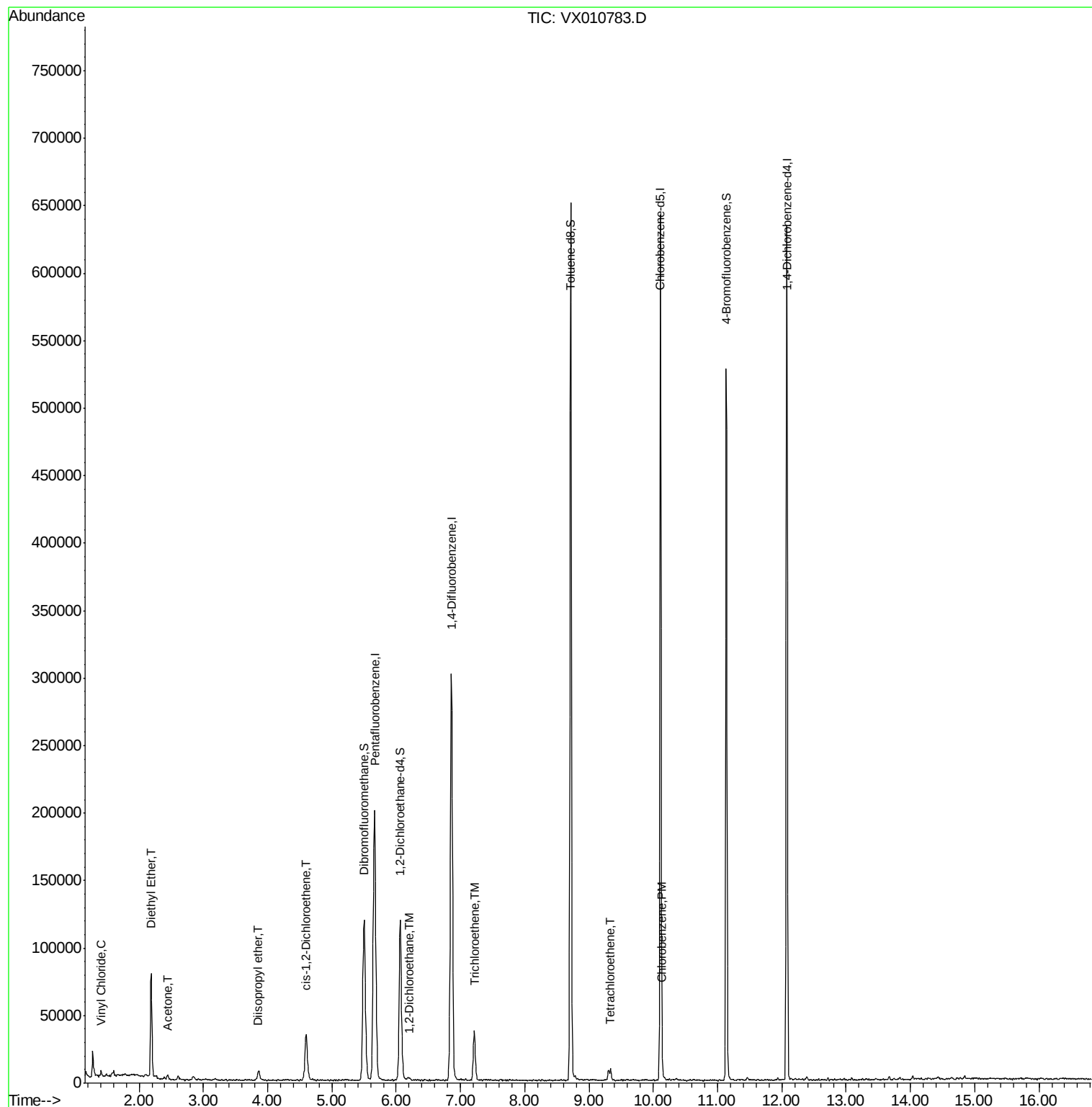
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325796	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107158	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
35) Dibromofluoromethane	5.50	113	100892	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	8.71	98	388448	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.13	95	131888	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
Target Compounds						
4) Vinyl Chloride	1.41	62	2938	1.600	ug/l	93
8) Diethyl Ether	2.19	74	27446	26.298	ug/l	99
16) Acetone	2.45	43	3950	4.060	ug/l #	88
22) Diisopropyl ether	3.86	45	7613	1.429	ug/l #	75
27) cis-1,2-Dichloroethene	4.60	96	23613	10.587	ug/l	92
42) 1,2-Dichloroethane	6.21	62	1941	0.791	ug/l	84
44) Trichloroethene	7.21	130	15171	6.286	ug/l	97
64) Tetrachloroethene	9.34	164	1622	0.663	ug/l #	88
65) Chlorobenzene	10.14	112	4563	0.743	ug/l	96

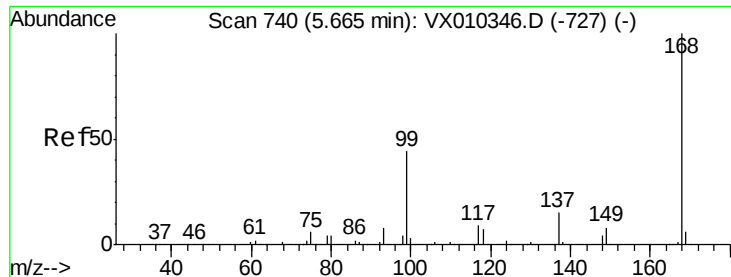
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
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MW-5

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010783.D

Acq: 10 Jul 2019 17:33

Instrument :

MSVOA_X

ClientSampled :

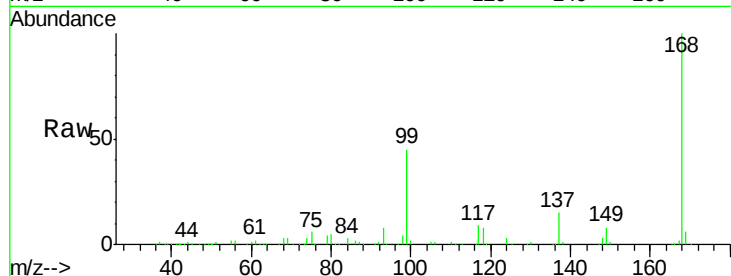
MW-5

Tgt Ion: 168 Resp: 207043

Ion Ratio Lower Upper

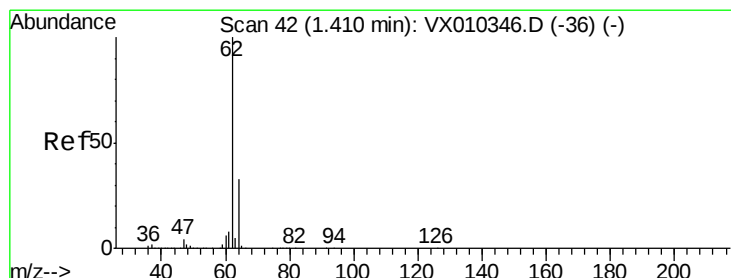
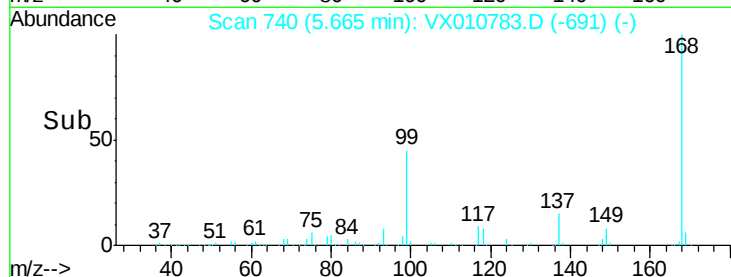
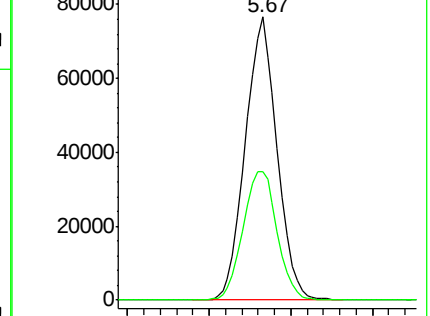
168 100

99 45.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.600 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010783.D

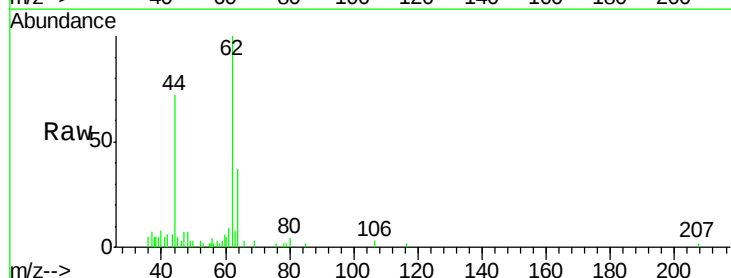
Acq: 10 Jul 2019 17:33

Tgt Ion: 62 Resp: 2938

Ion Ratio Lower Upper

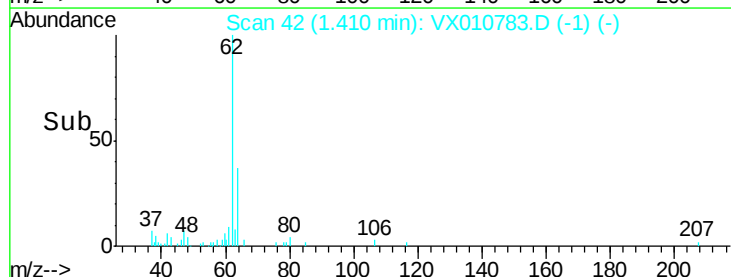
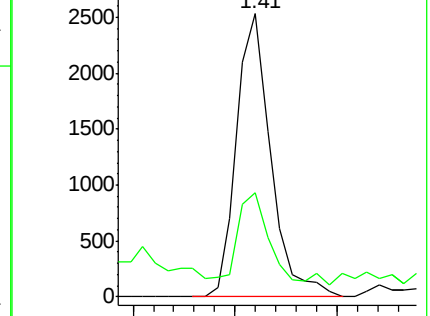
62 100

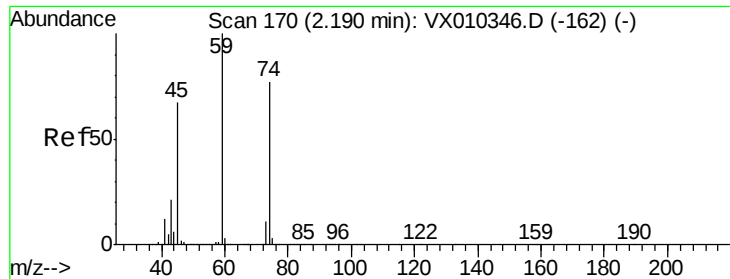
64 28.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#8

Diethyl Ether

Concen: 26.298 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX010783.D

Acq: 10 Jul 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

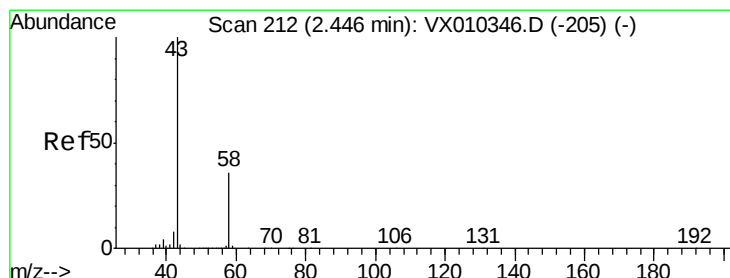
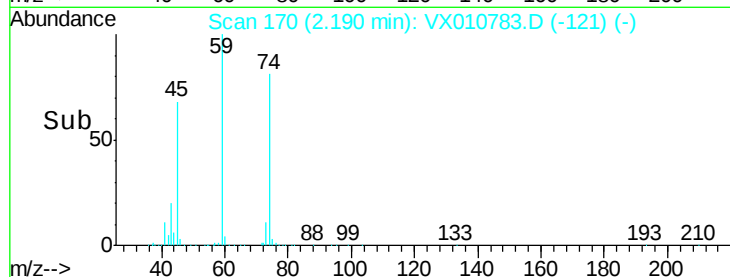
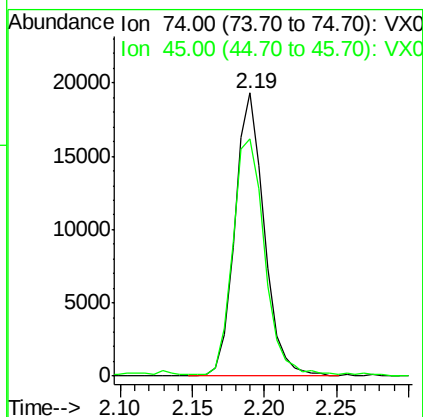
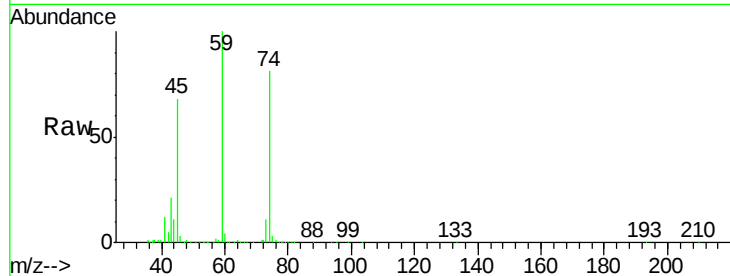
MW-5

Tgt Ion: 74 Resp: 27446

Ion Ratio Lower Upper

74 100

45 90.4 44.8 134.4



#16

Acetone

Concen: 4.060 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010783.D

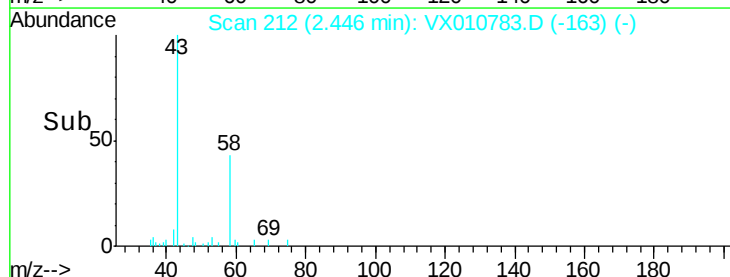
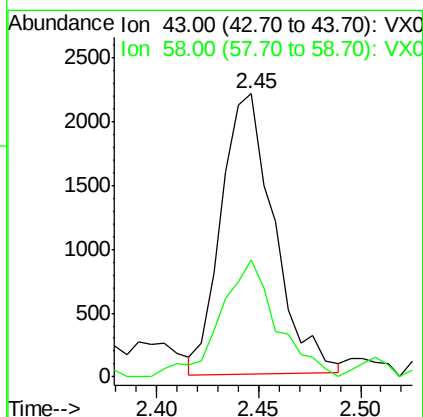
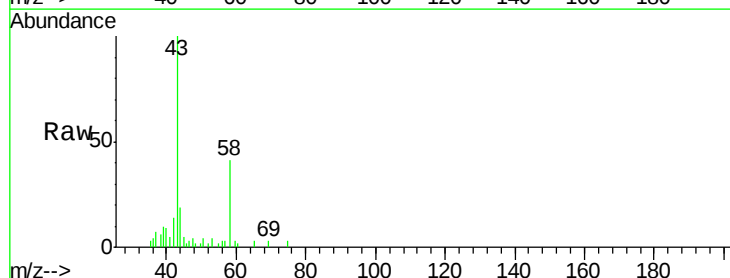
Acq: 10 Jul 2019 17:33

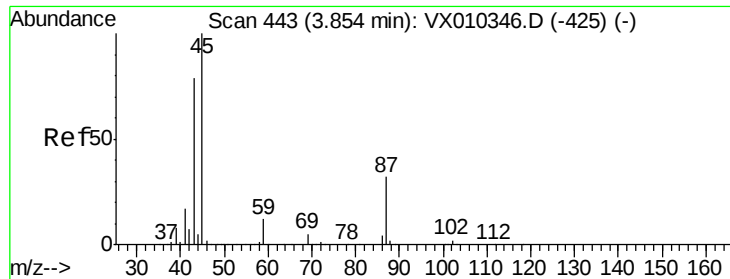
Tgt Ion: 43 Resp: 3950

Ion Ratio Lower Upper

43 100

58 43.4 28.9 43.3#



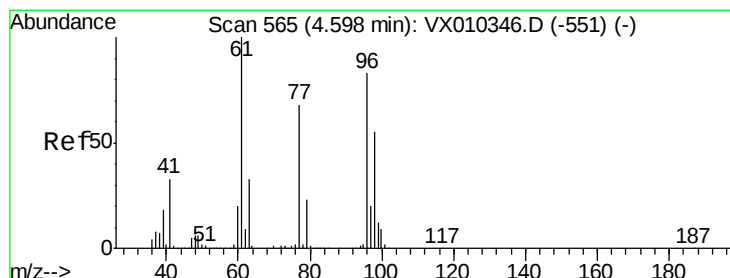
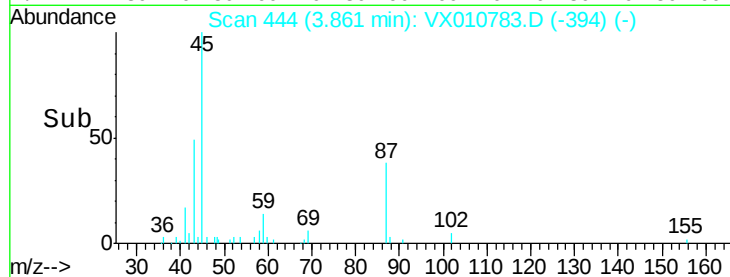
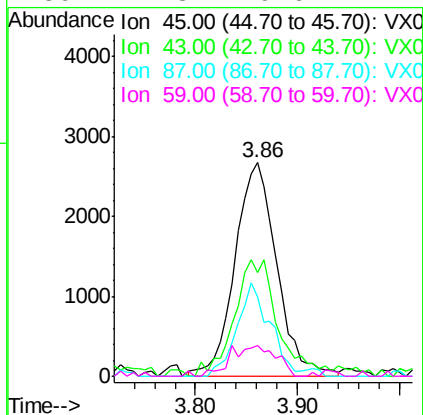
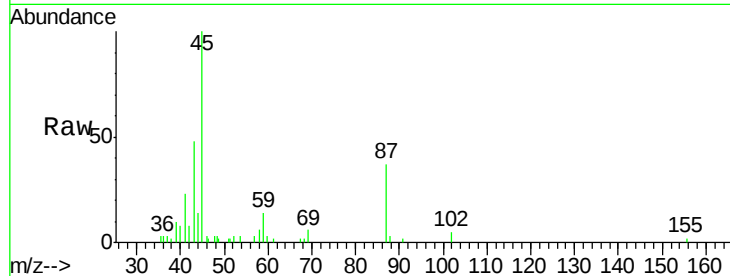


#22

Diisopropyl ether
Concen: 1.429 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX010783.D
Acq: 10 Jul 2019 17:33

Instrument :
MSVOA_X
ClientSampled :
MW-5

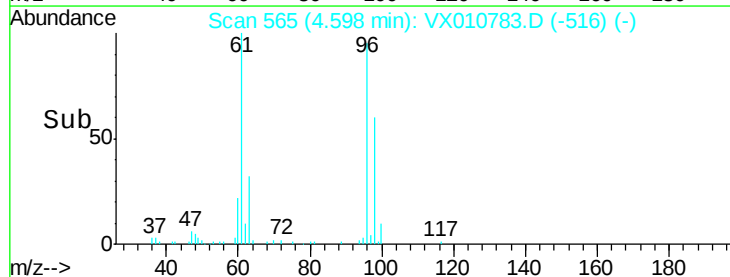
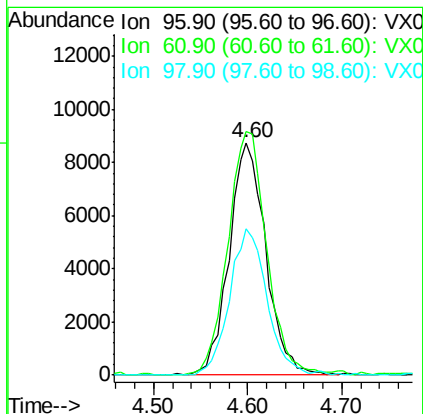
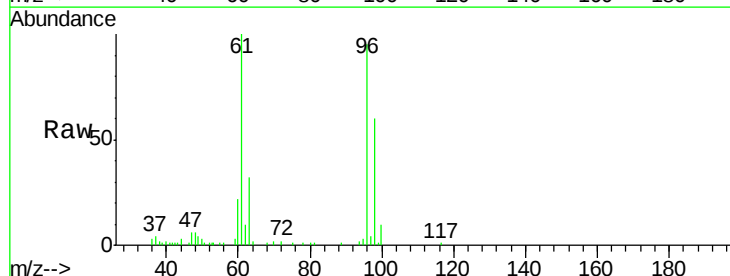
Tgt Ion:	45	Resp:	7613
Ion	Ratio	Lower	Upper
45	100		
43	49.3	63.3	94.9#
87	38.0	25.8	38.8
59	12.3	9.6	14.4

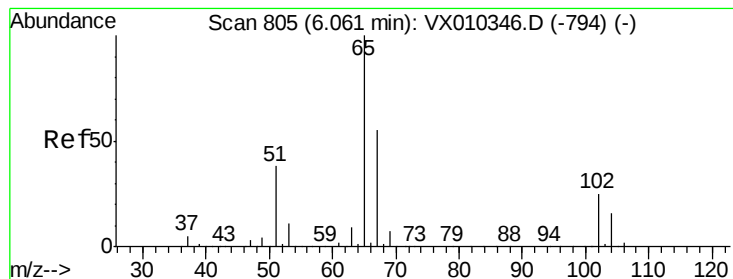


#27

cis-1,2-Dichloroethene
Concen: 10.587 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010783.D
Acq: 10 Jul 2019 17:33

Tgt Ion:	96	Resp:	23613
Ion	Ratio	Lower	Upper
96	100		
61	111.3	0.0	251.8
98	64.6	0.0	129.4





#33

1,2-Dichloroethane-d4

Concen: 55.201 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010783.D

Acq: 10 Jul 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

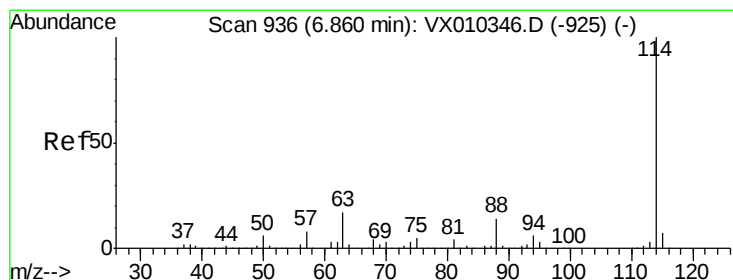
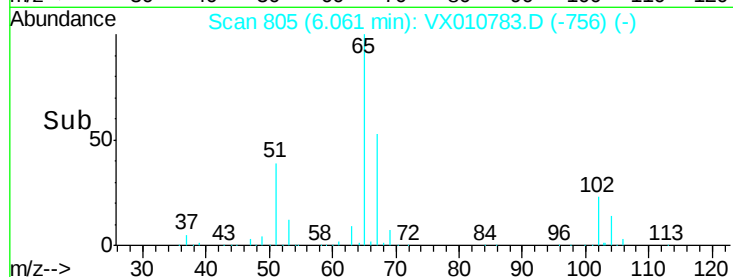
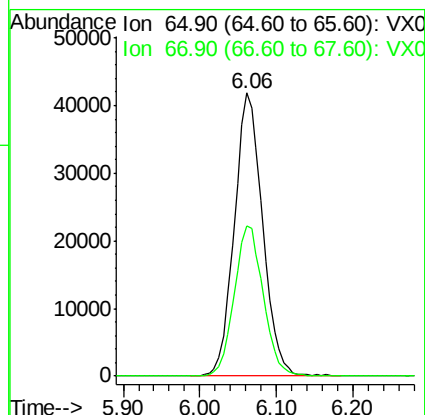
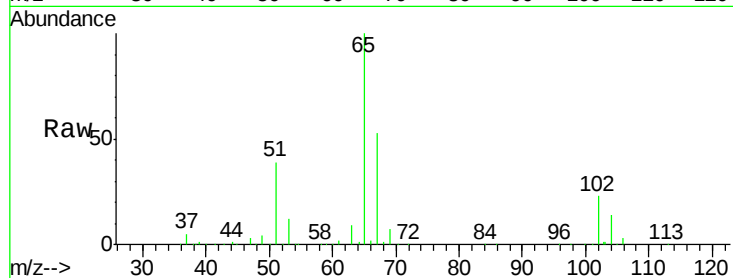
MW-5

Tgt Ion: 65 Resp: 107158

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010783.D

Acq: 10 Jul 2019 17:33

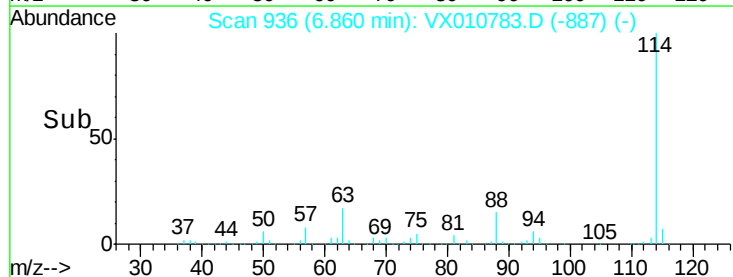
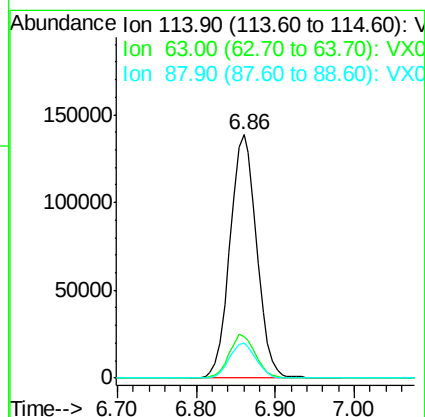
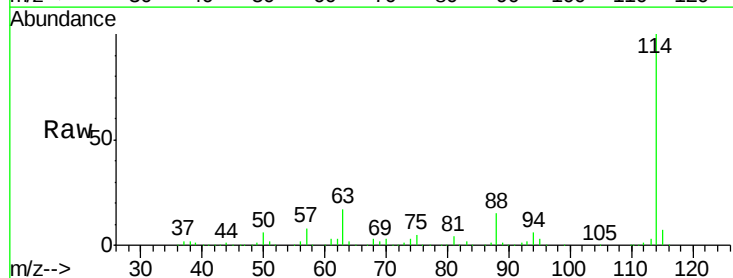
Tgt Ion: 114 Resp: 325796

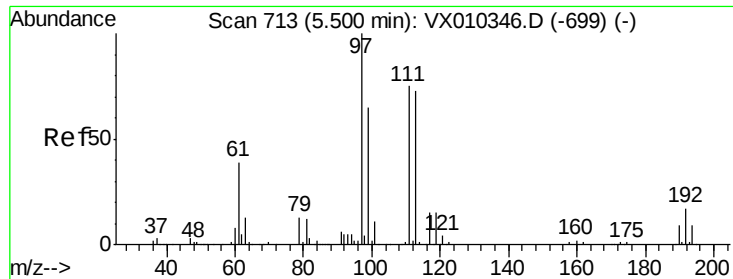
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

88 14.5 0.0 27.6

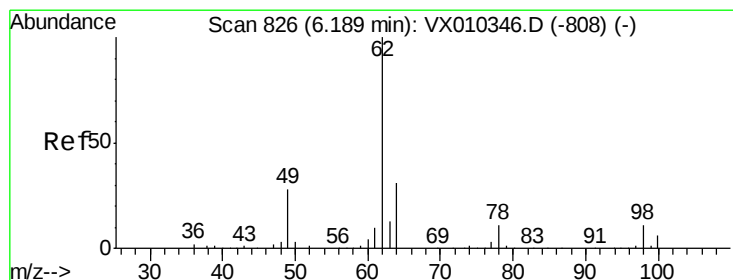
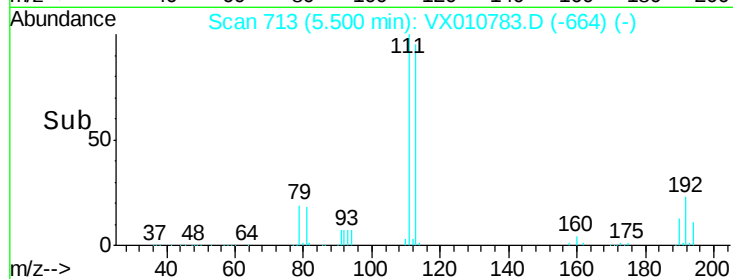
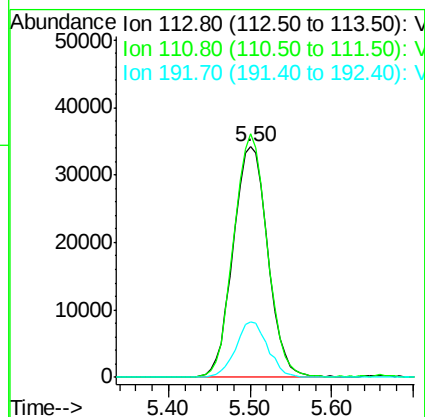
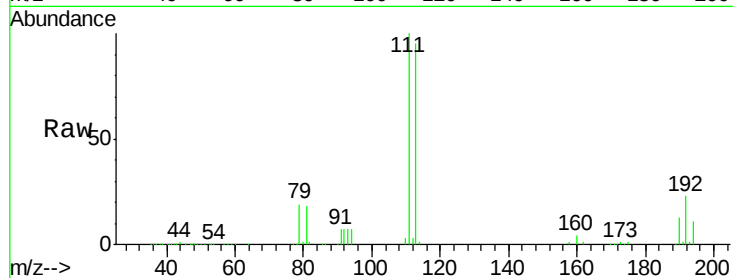




#35
 Dibromofluoromethane
 Concen: 50.615 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010783.D
 Acq: 10 Jul 2019 17:33

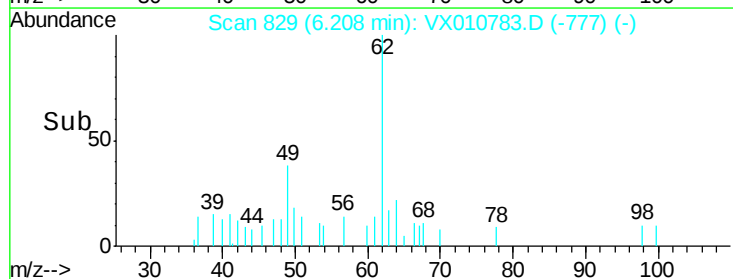
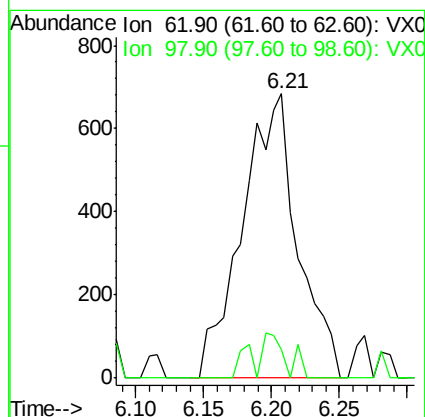
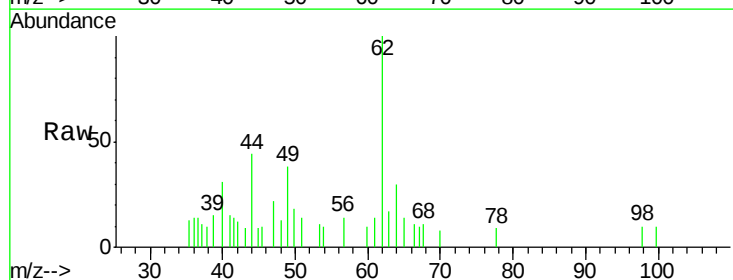
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

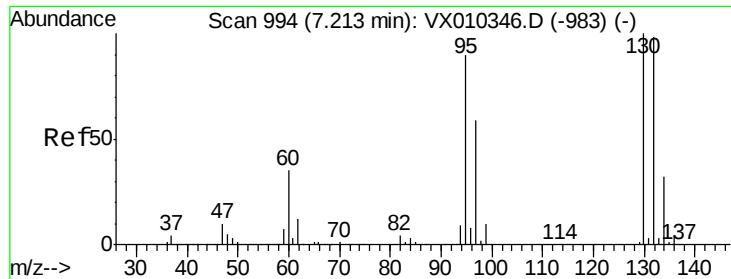
Tgt Ion: 113 Resp: 100892
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.2 121.8
 192 22.4 18.6 27.8



#42
 1,2-Dichloroethane
 Concen: 0.791 ug/l
 RT: 6.21 min Scan# 829
 Delta R.T. 0.02 min
 Lab File: VX010783.D
 Acq: 10 Jul 2019 17:33

Tgt Ion: 62 Resp: 1941
 Ion Ratio Lower Upper
 62 100
 98 5.2 0.0 22.2

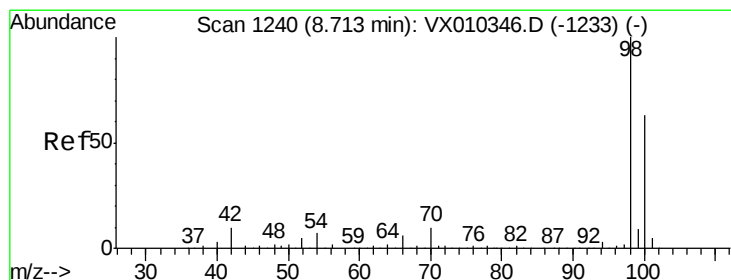
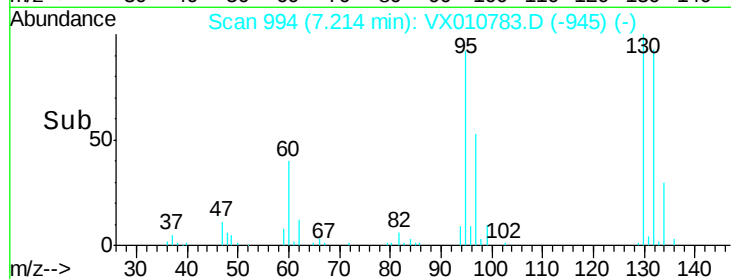
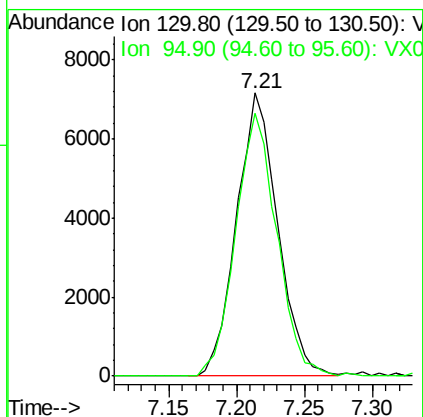
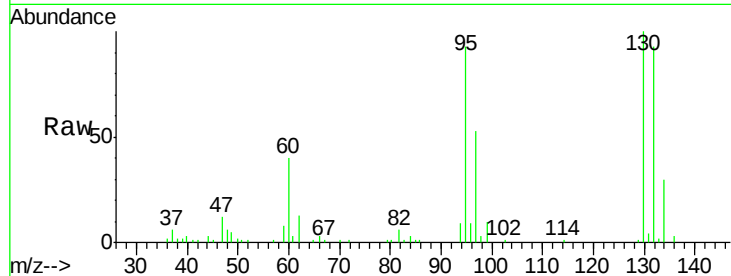




#44
 Trichloroethene
 Concen: 6.286 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010783.D
 Acq: 10 Jul 2019 17:33

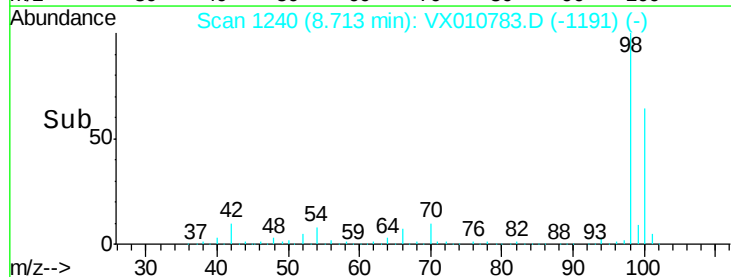
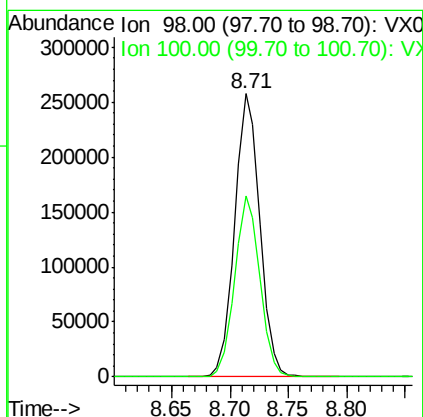
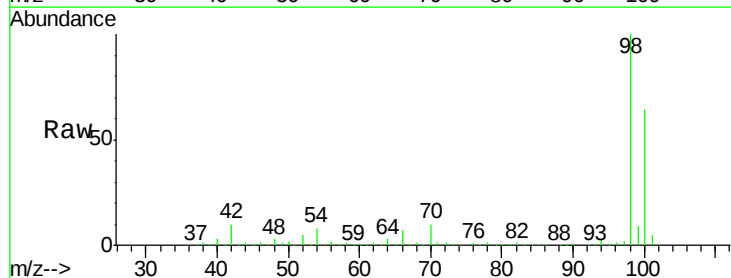
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5

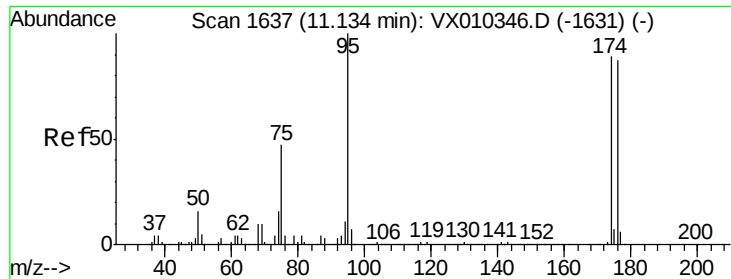
Tgt Ion: 130 Resp: 15171
 Ion Ratio Lower Upper
 130 100
 95 93.0 0.0 180.8



#50
 Toluene-d8
 Concen: 50.936 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010783.D
 Acq: 10 Jul 2019 17:33

Tgt Ion: 98 Resp: 388448
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 47.903 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010783.D

Acq: 10 Jul 2019 17:33

Instrument :

MSVOA_X

ClientSampled :

MW-5

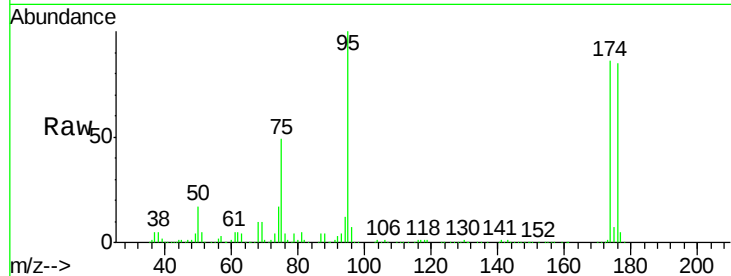
Tgt Ion: 95 Resp: 131888

Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.6

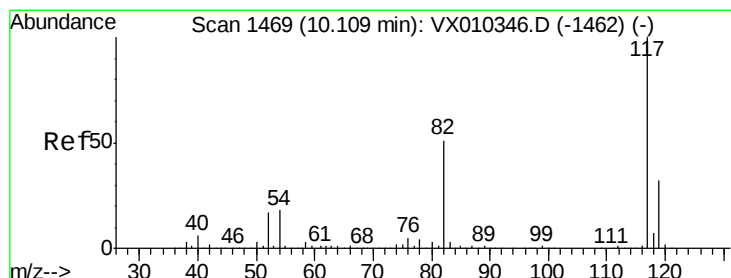
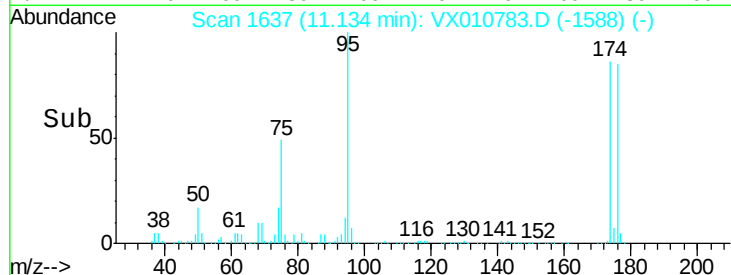
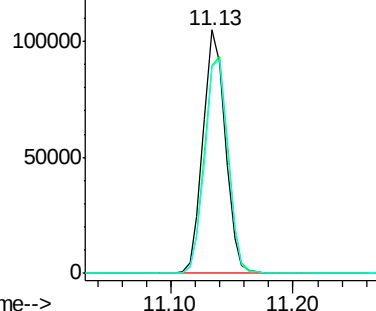
176 91.0 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010783.D

Acq: 10 Jul 2019 17:33

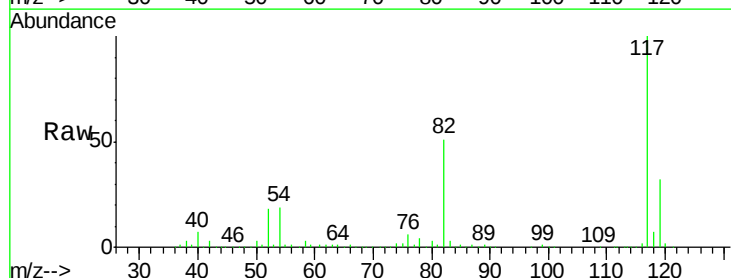
Tgt Ion: 117 Resp: 302362

Ion Ratio Lower Upper

117 100

82 50.8 41.2 61.8

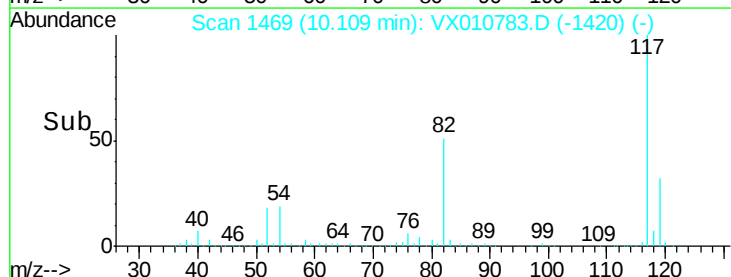
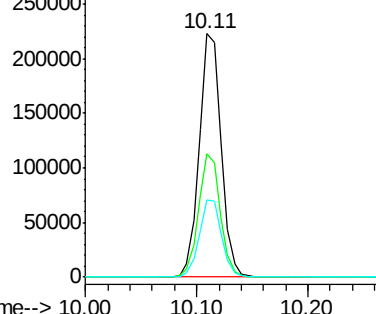
119 31.6 25.5 38.3

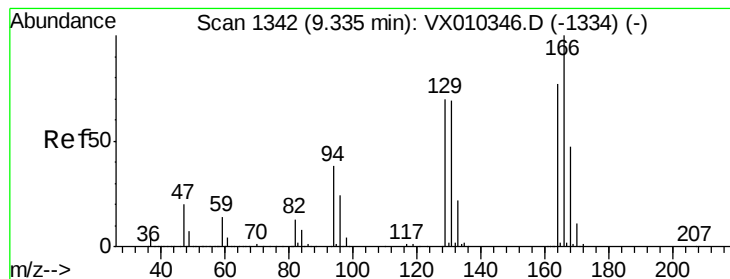


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)





#64

Tetrachloroethene

Concen: 0.663 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010783.D

Acq: 10 Jul 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-5

Tgt Ion:164 Resp: 1622

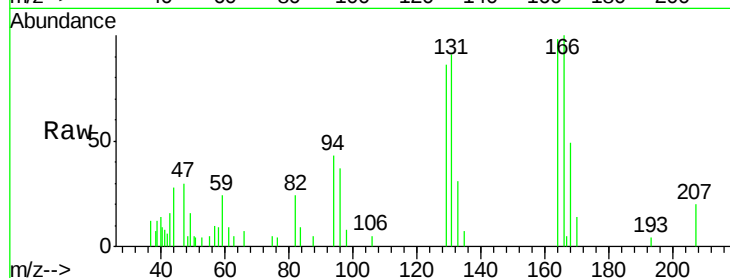
Ion Ratio Lower Upper

164 100

166 102.4 103.6 155.4#

129 88.2 73.0 109.4

131 92.8 71.0 106.4

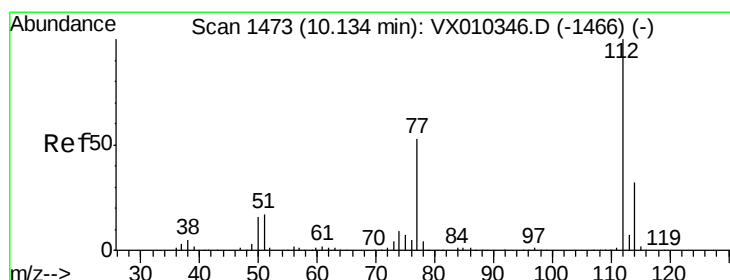
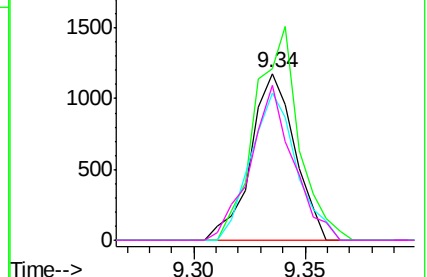
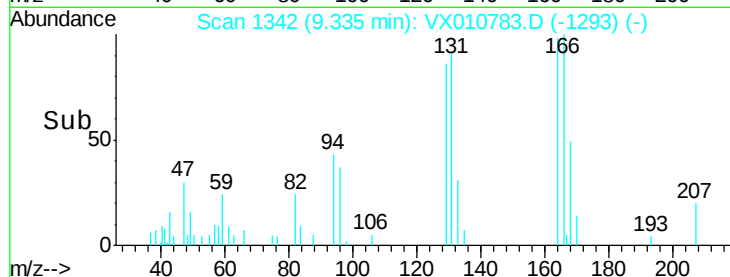


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 0.743 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010783.D

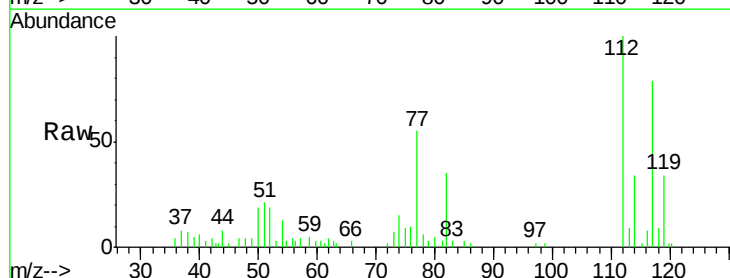
Acq: 10 Jul 2019 17:33

Tgt Ion:112 Resp: 4563

Ion Ratio Lower Upper

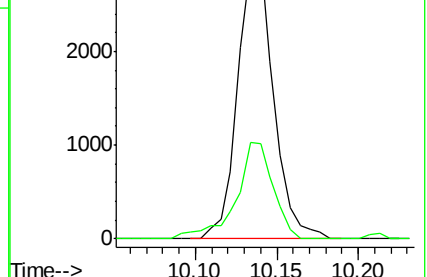
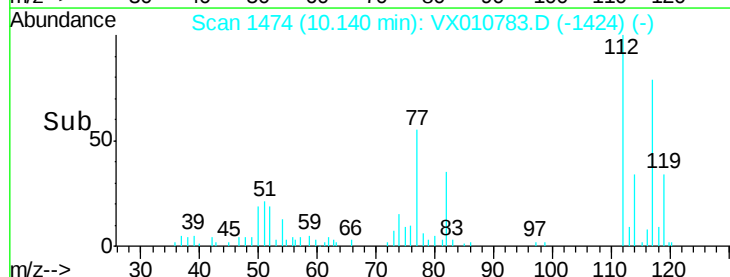
112 100

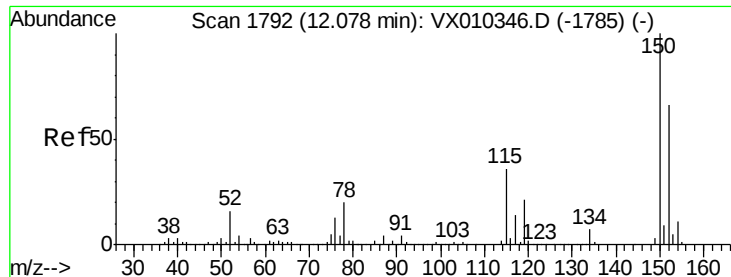
114 33.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010783.D

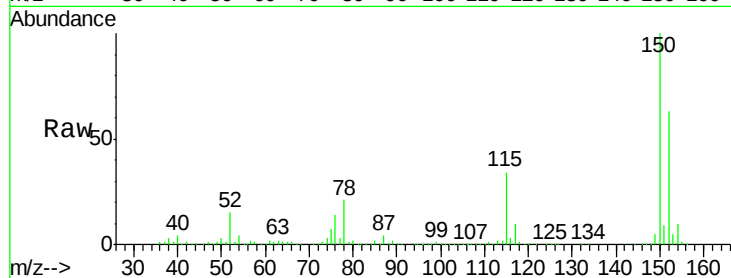
Acq: 10 Jul 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-5



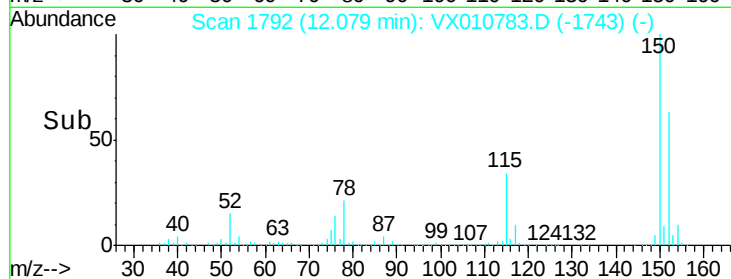
Tgt Ion:152 Resp: 137721

Ion Ratio Lower Upper

152 100

115 56.0 38.6 115.7

150 159.6 0.0 347.4



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

