

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010480.D
 Acq On : 27 Jun 2019 11:49
 Operator : JC/SP
 Sample : K3543-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202D1-GW-20190625

Quant Time: Jun 28 07:11:05 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

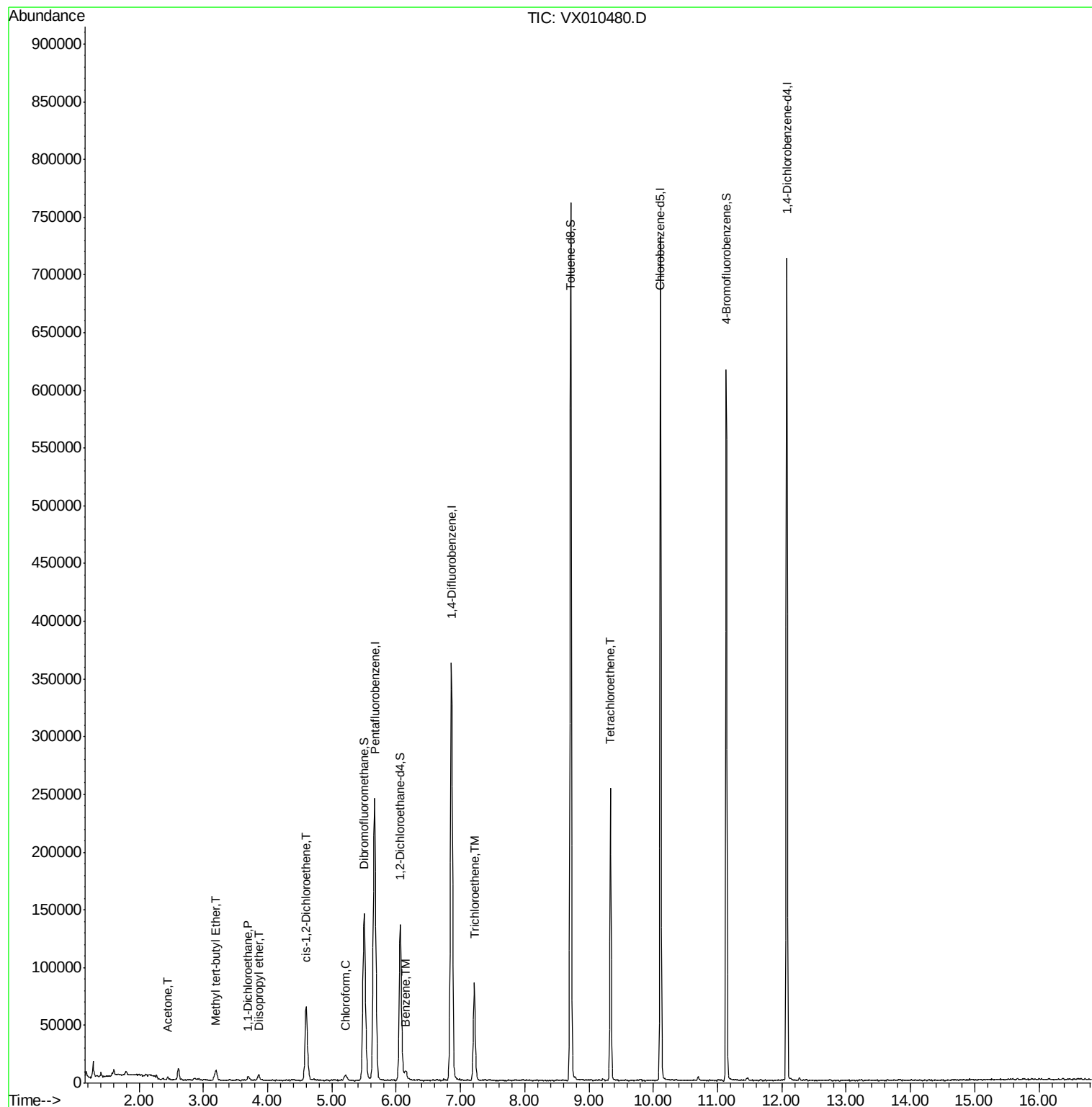
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122467	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
35) Dibromofluoromethane	5.50	113	122126	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	8.71	98	471063	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.13	95	152519	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	2804	2.324	ug/l	88
19) Methyl tert-butyl Ether	3.20	73	9811	1.401	ug/l	93
22) Diisopropyl ether	3.86	45	5507	0.834	ug/l #	76
24) 1,1-Dichloroethane	3.70	63	3415	0.894	ug/l #	93
27) cis-1,2-Dichloroethene	4.60	96	44619	16.133	ug/l	91
30) Chloroform	5.22	83	4947	1.204	ug/l	91
40) Benzene	6.15	78	9210	0.935	ug/l	94
44) Trichloroethene	7.21	130	34337	11.655	ug/l	95
64) Tetrachloroethene	9.34	164	50404	17.384	ug/l	98

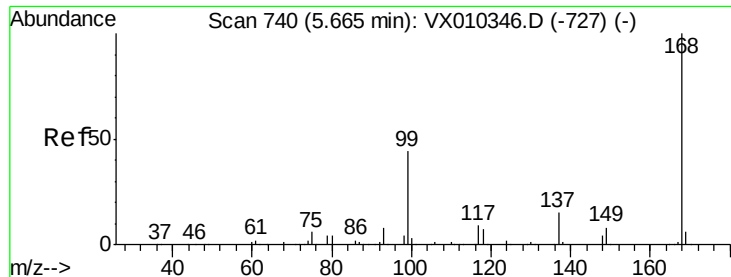
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Quant Time: Jun 28 07:11:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
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: VX010480.D

Acq: 27 Jun 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

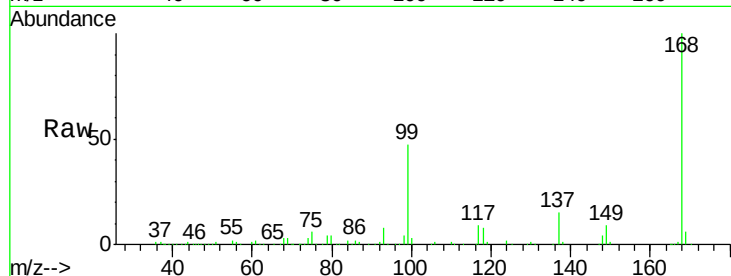
BP-TT-MW202D1-GW-20190625

Tot Ion:168 Resp: 256732

Ion Ratio Lower Upper

168 100

99 46.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

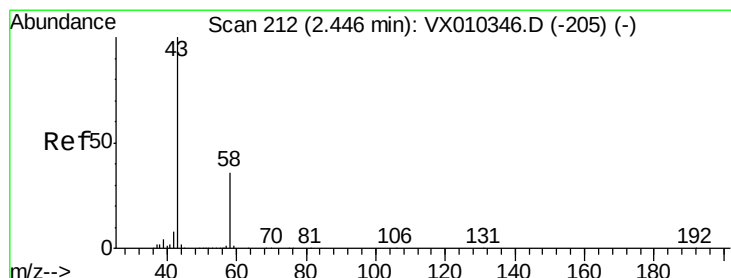
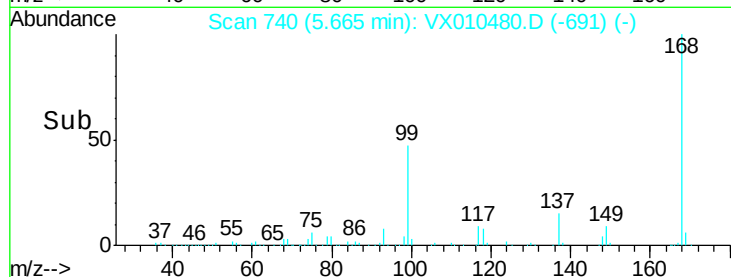
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 2.324 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010480.D

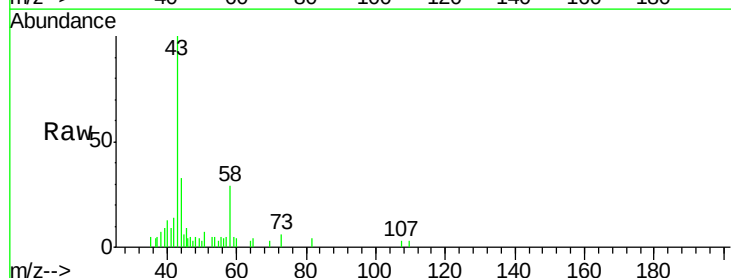
Acq: 27 Jun 2019 11:49

Tgt Ion: 43 Resp: 2804

Ion Ratio Lower Upper

43 100

58 29.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

1500

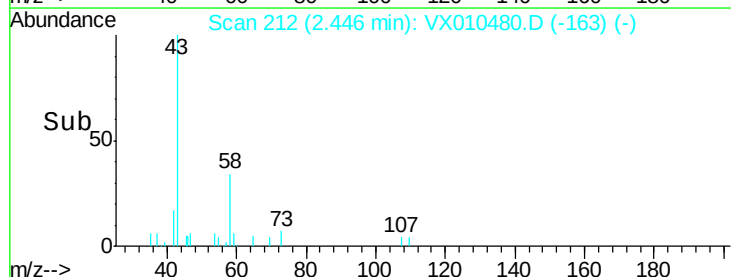
1000

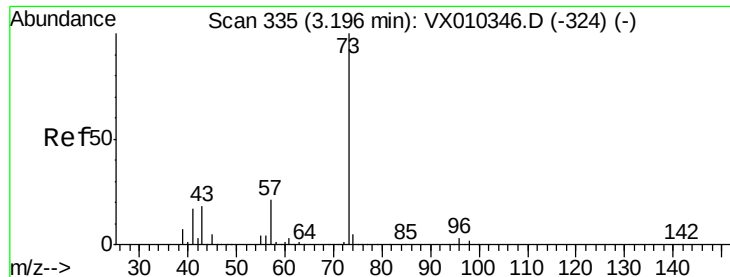
500

0

Time-->

2.40 2.45 2.50



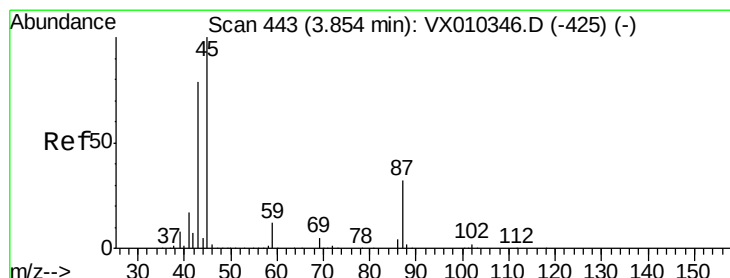
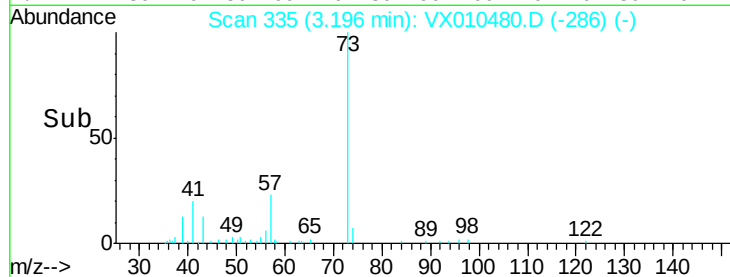
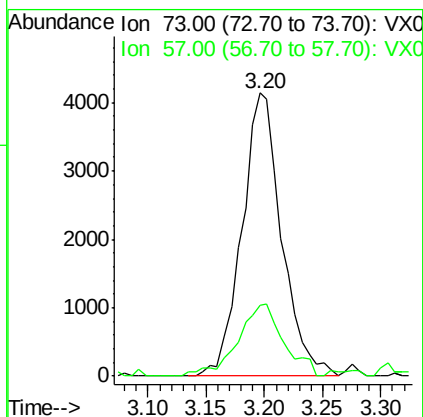
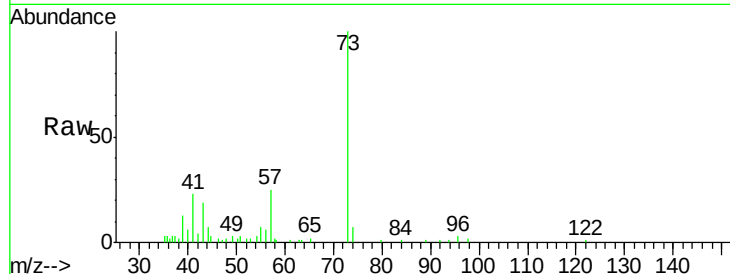


#19

Methyl tert-butyl Ether
 Concen: 1.401 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202D1-GW-20190625

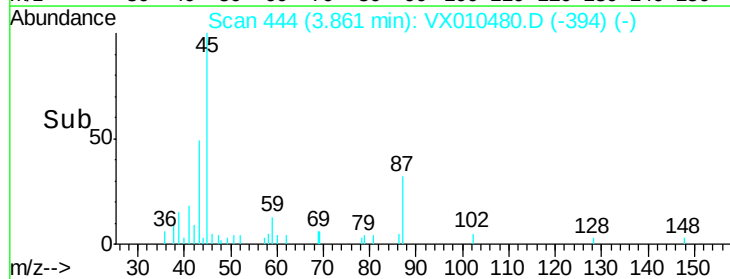
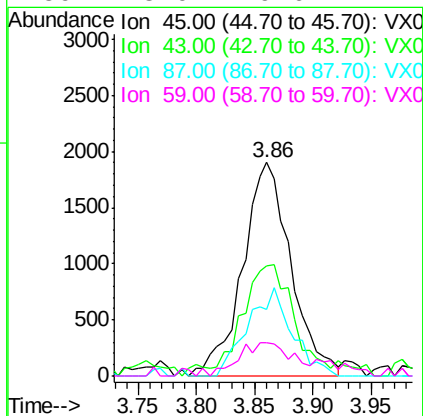
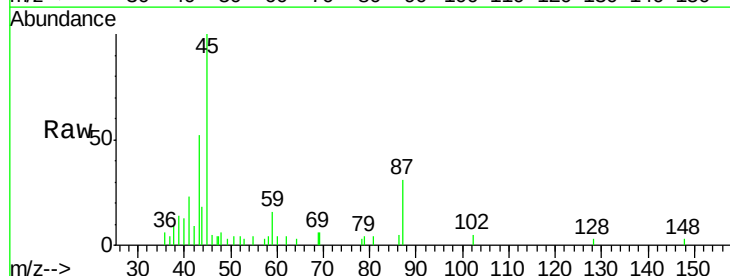
Tot Ion: 73 Resp: 9811
 Ion Ratio Lower Upper
 73 100
 57 23.7 16.4 24.6

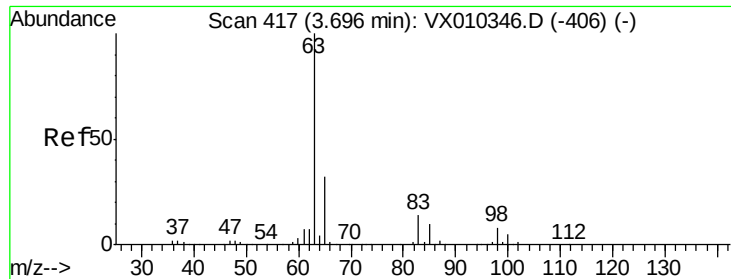


#22

Diisopropyl ether
 Concen: 0.834 ug/l
 RT: 3.86 min Scan# 444
 Delta R.T. 0.01 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Tgt Ion: 45 Resp: 5507
 Ion Ratio Lower Upper
 45 100
 43 47.8 63.3 94.9#
 87 31.3 25.8 38.8
 59 13.0 9.6 14.4





#24

1,1-Dichloroethane

Concen: 0.894 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010480.D

Acq: 27 Jun 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202D1-GW-20190625

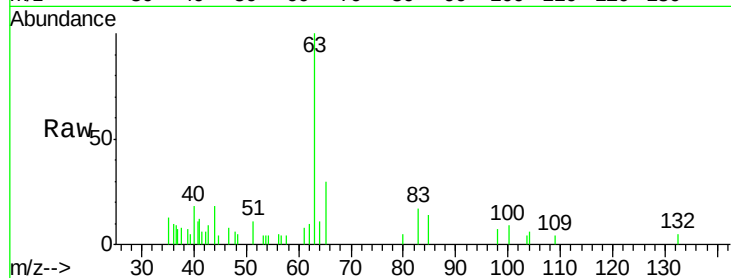
Tot Ion: 63 Resp: 3415

Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

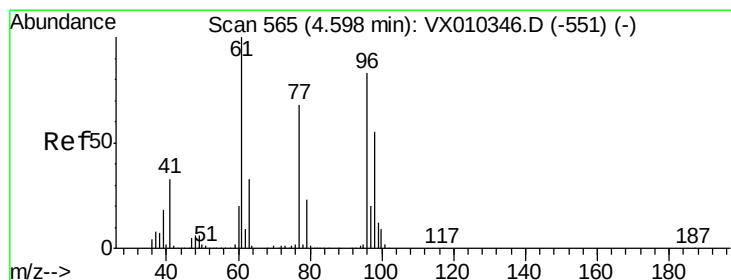
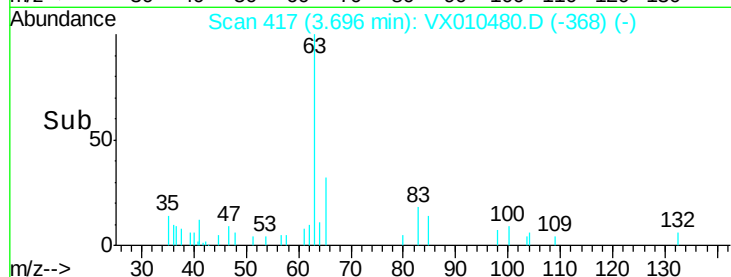
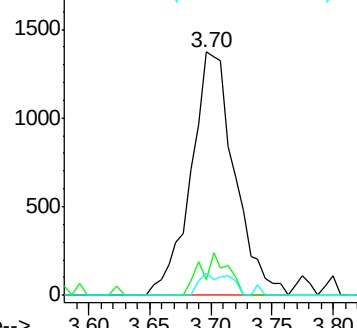
100 9.0 2.4 7.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 16.133 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX010480.D

Acq: 27 Jun 2019 11:49

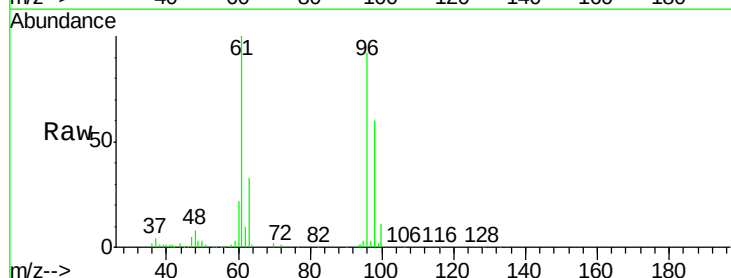
Tgt Ion: 96 Resp: 44619

Ion Ratio Lower Upper

96 100

61 111.3 0.0 251.8

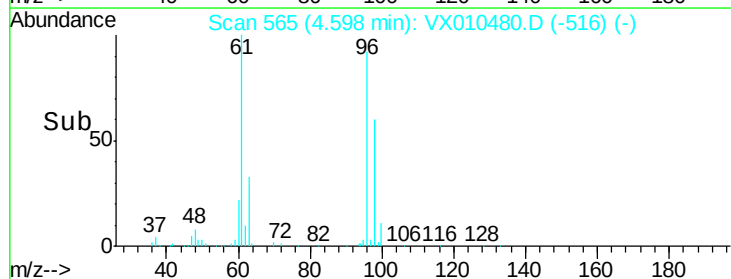
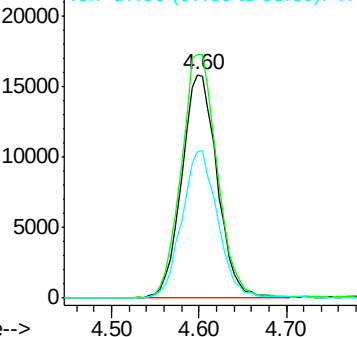
98 66.0 0.0 129.4

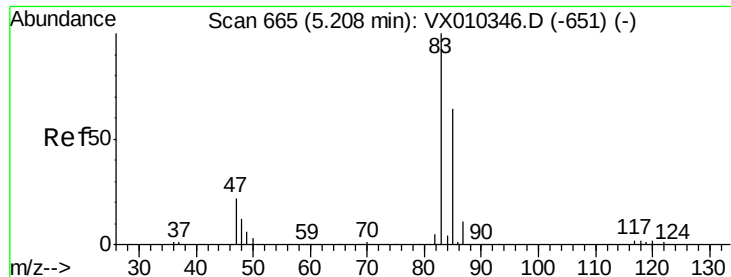


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

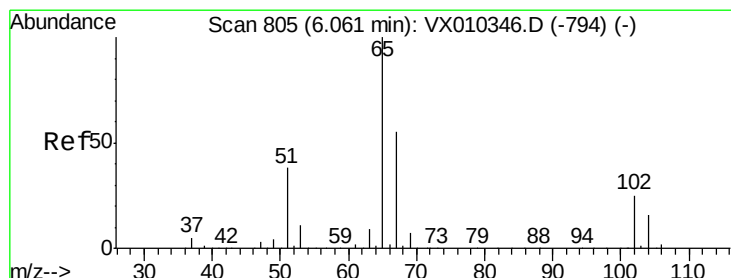
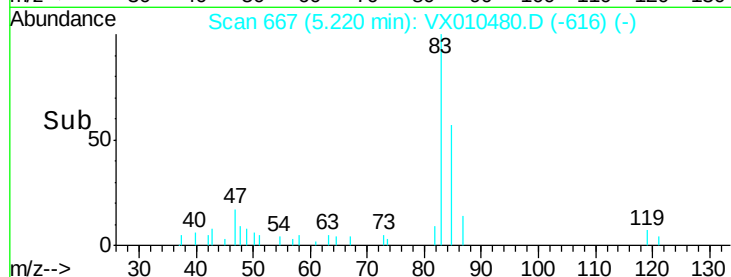
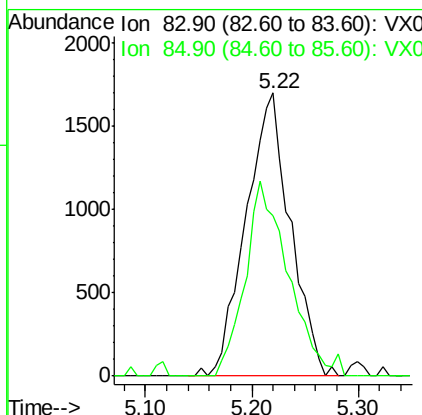
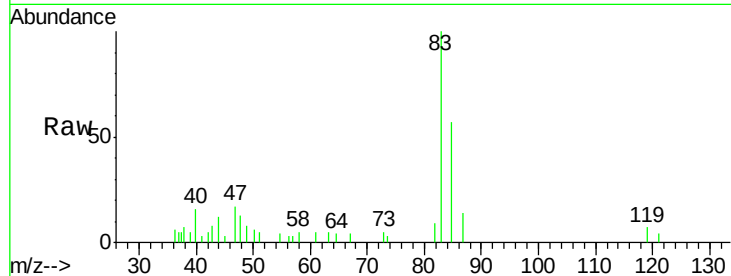




#30
Chloroform
Concen: 1.204 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

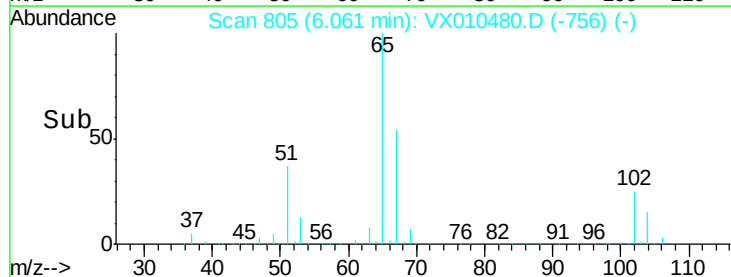
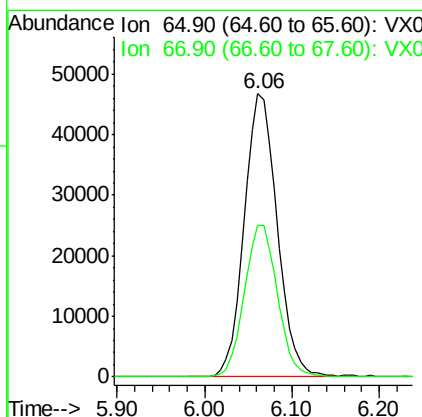
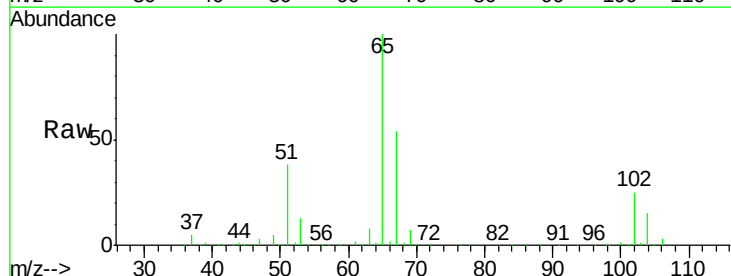
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

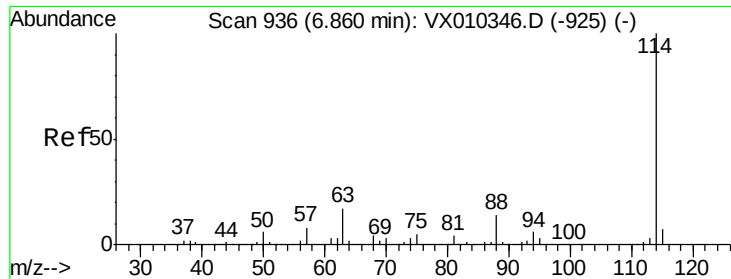
Tot Ion: 83 Resp: 4947
Ion Ratio Lower Upper
83 100
85 56.7 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 50.877 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 65 Resp: 122467
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.2

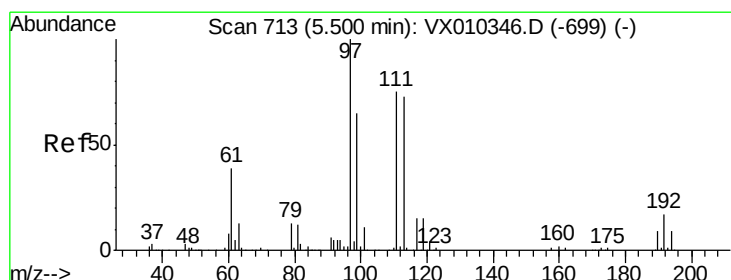
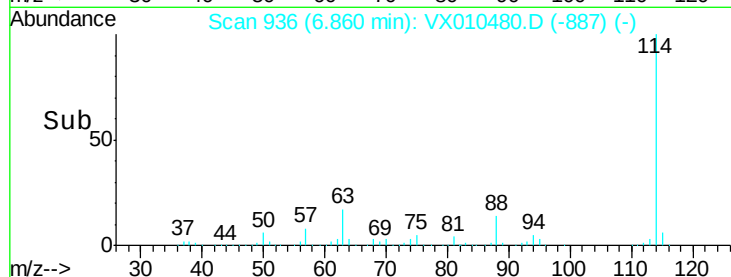
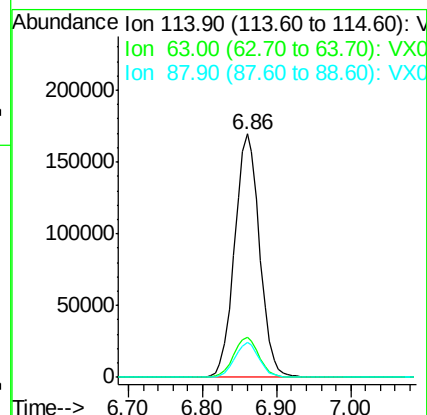
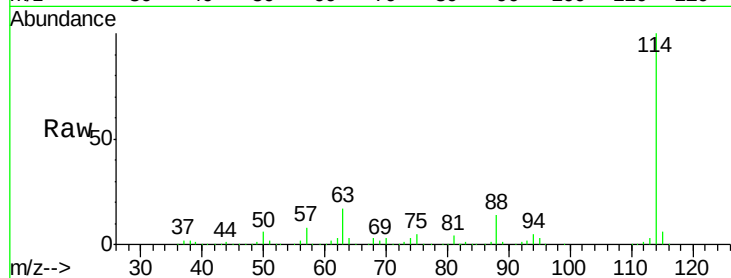




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

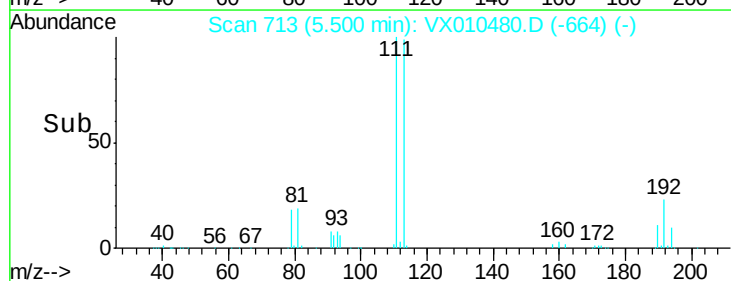
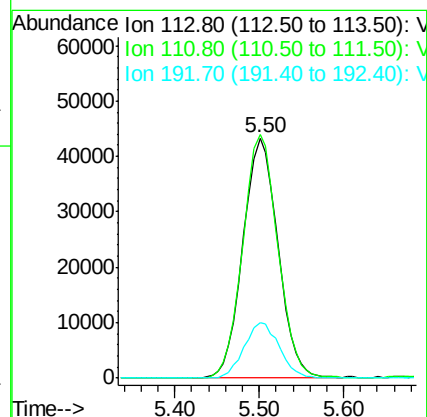
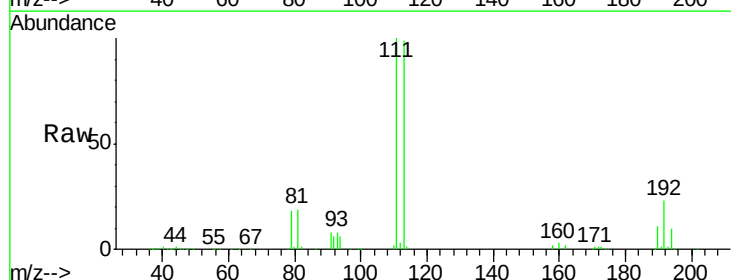
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202D1-GW-20190625

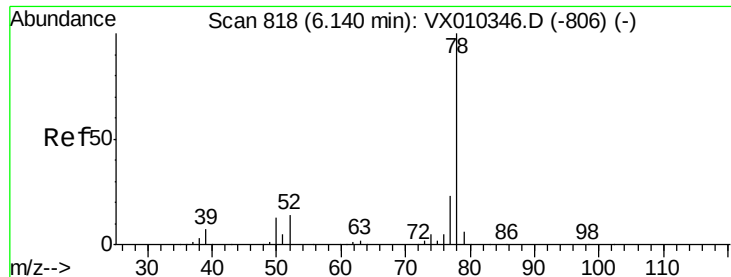
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	33.8
88	14.1	0.0	27.6



#35
 Dibromofluoromethane
 Concen: 50.191 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.2	121.8
192	23.1	18.6	27.8





#40

Benzene

Concen: 0.935 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010480.D

Acq: 27 Jun 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

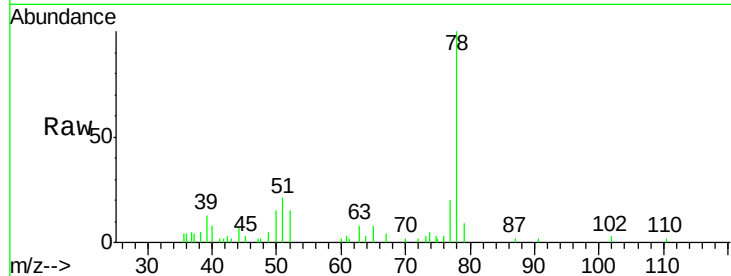
BP-TT-MW202D1-GW-20190625

Tot Ion: 78 Resp: 9210

Ion Ratio Lower Upper

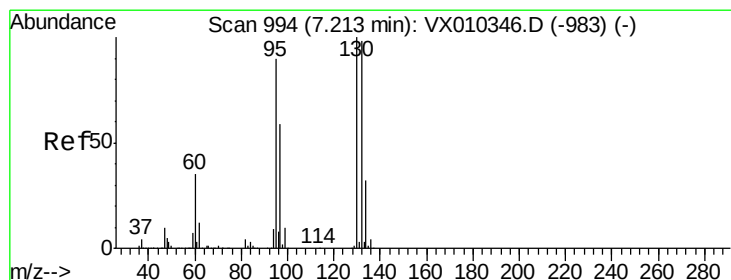
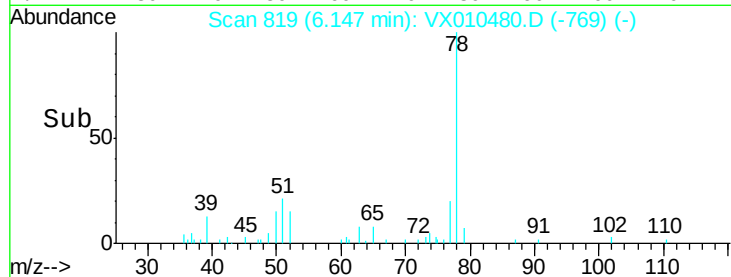
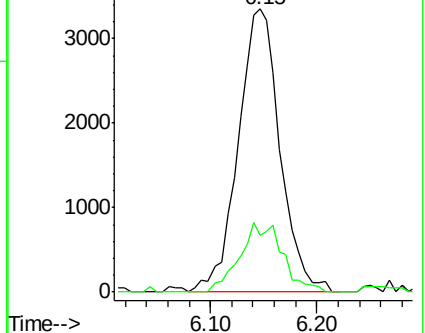
78 100

77 20.2 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 11.655 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010480.D

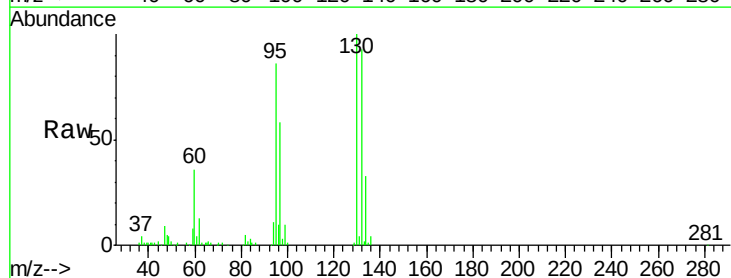
Acq: 27 Jun 2019 11:49

Tgt Ion:130 Resp: 34337

Ion Ratio Lower Upper

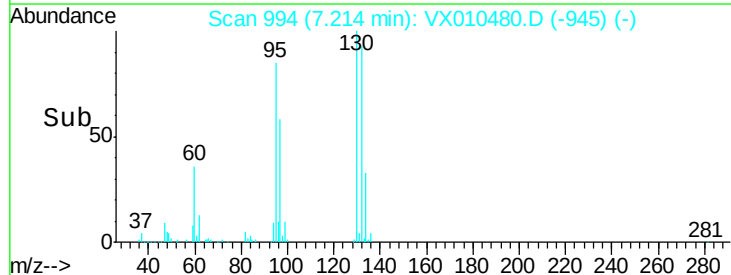
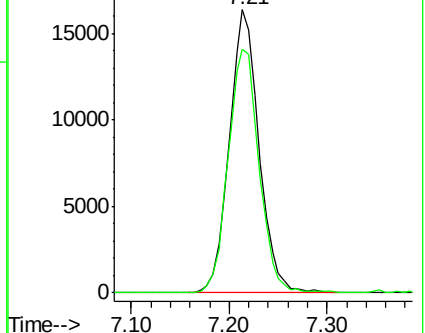
130 100

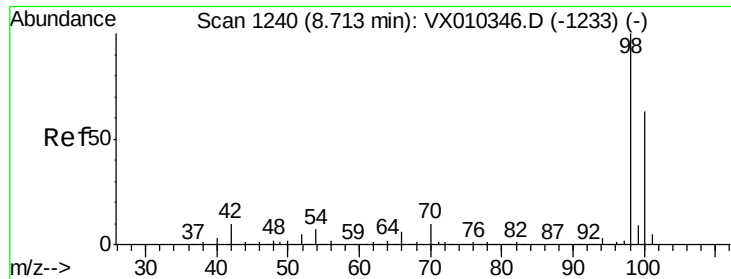
95 86.0 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

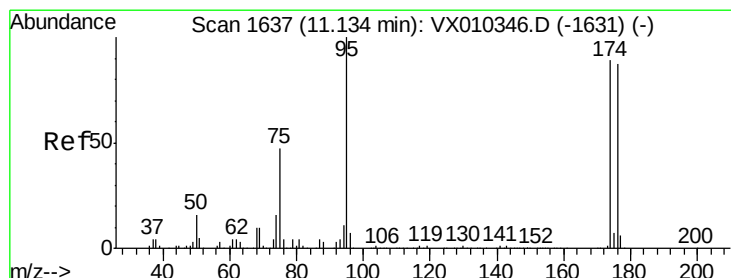
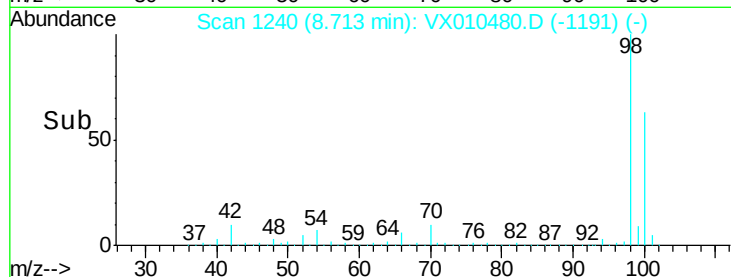
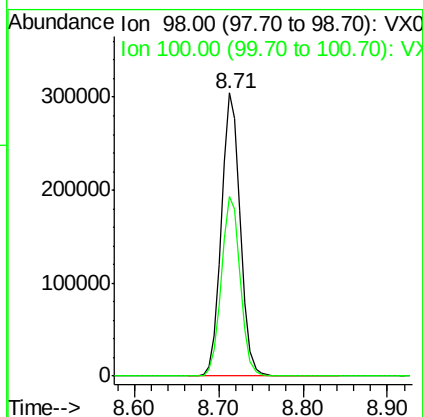
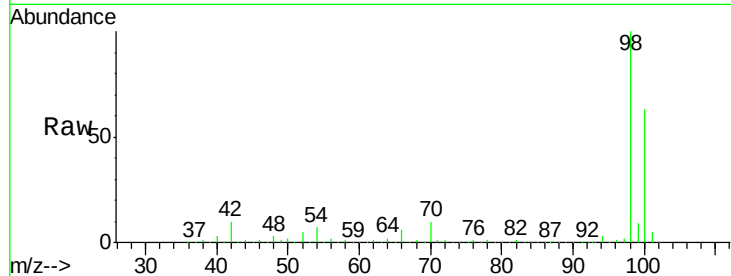




#50
Toluene-d8
Concen: 50.603 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

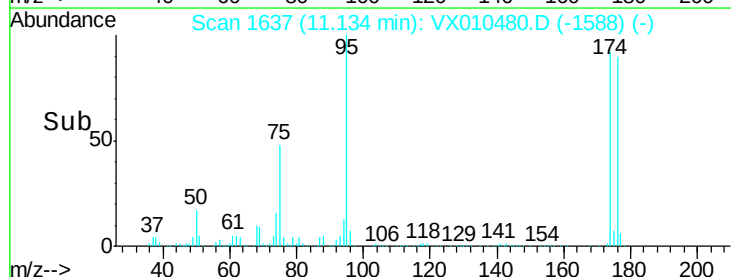
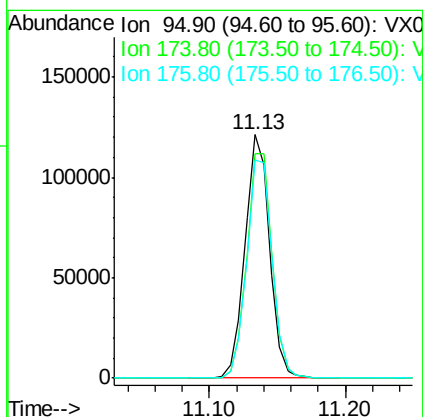
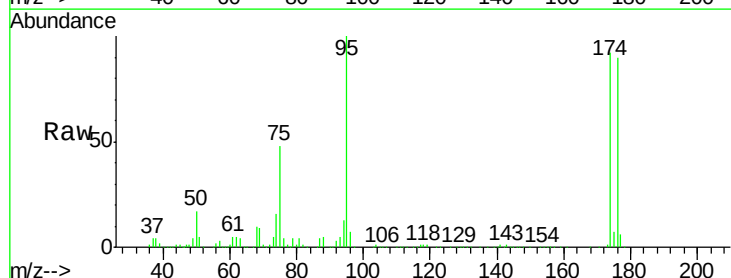
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BP-TT-MW202D1-GW-20190625

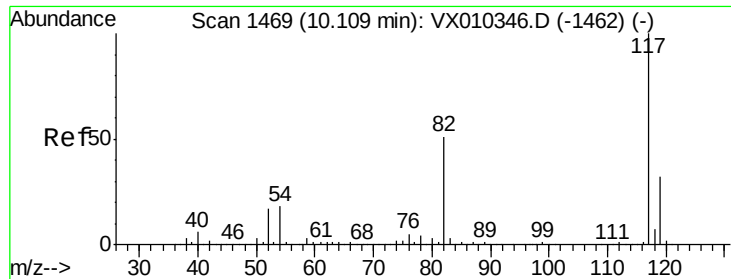
Tot Ion: 98 Resp: 471063
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.381 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 95 Resp: 152519
Ion Ratio Lower Upper
95 100
174 96.6 0.0 187.6
176 94.0 0.0 184.0

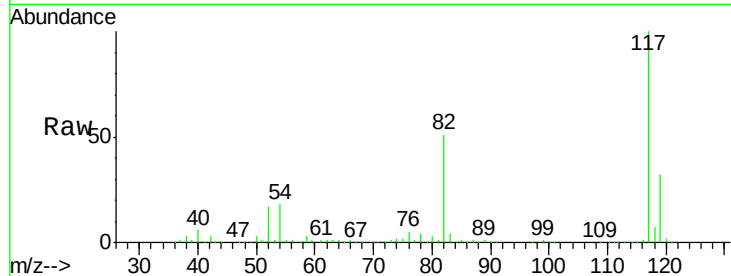




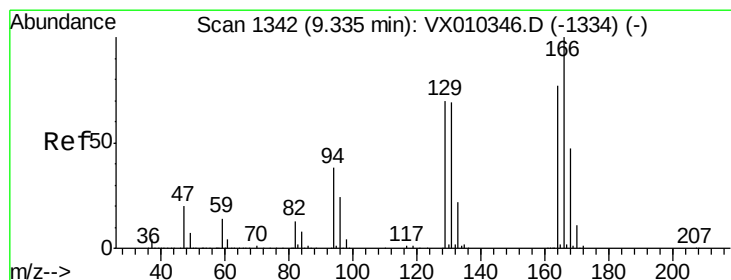
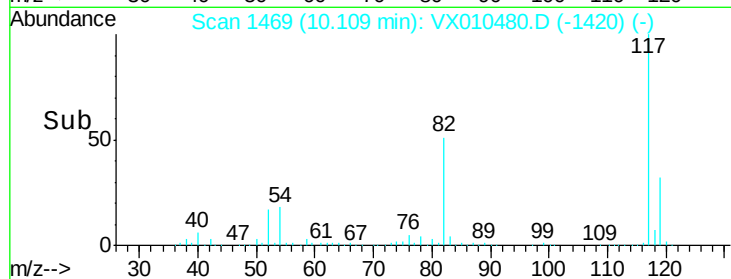
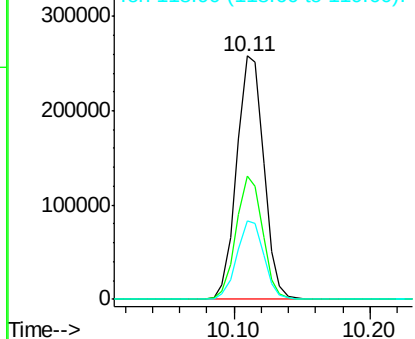
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tot Ion:117 Resp: 358468
Ion Ratio Lower Upper
117 100
82 50.8 41.2 61.8
119 32.2 25.5 38.3

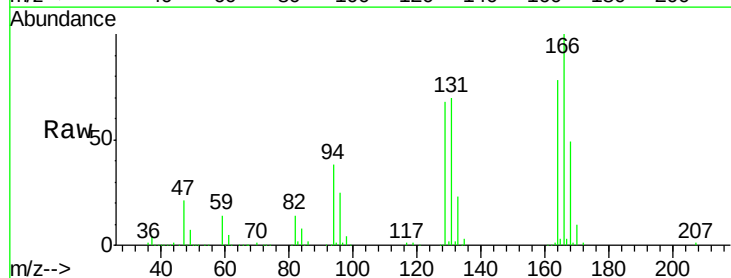


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

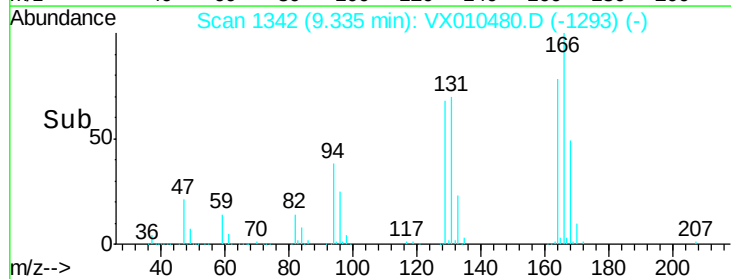
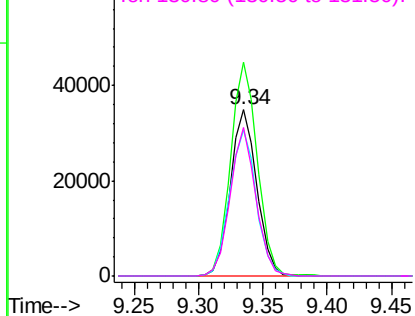


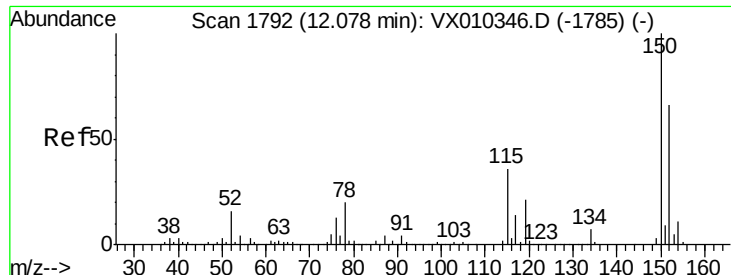
#64
Tetrachloroethene
Concen: 17.384 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion:164 Resp: 50404
Ion Ratio Lower Upper
164 100
166 128.5 103.6 155.4
129 88.0 73.0 109.4
131 89.5 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

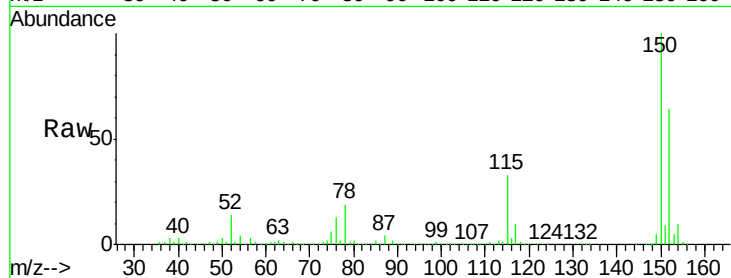




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202D1-GW-20190625

Tot Ion:152 Resp: 162700
 Ion Ratio Lower Upper
 152 100
 115 53.9 38.6 115.7
 150 156.8 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

