

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010235.D
 Acq On : 11 Jun 2019 16:15
 Operator : JC/SP
 Sample : K3249-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305D-20190606

Quant Time: Jun 12 08:41:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

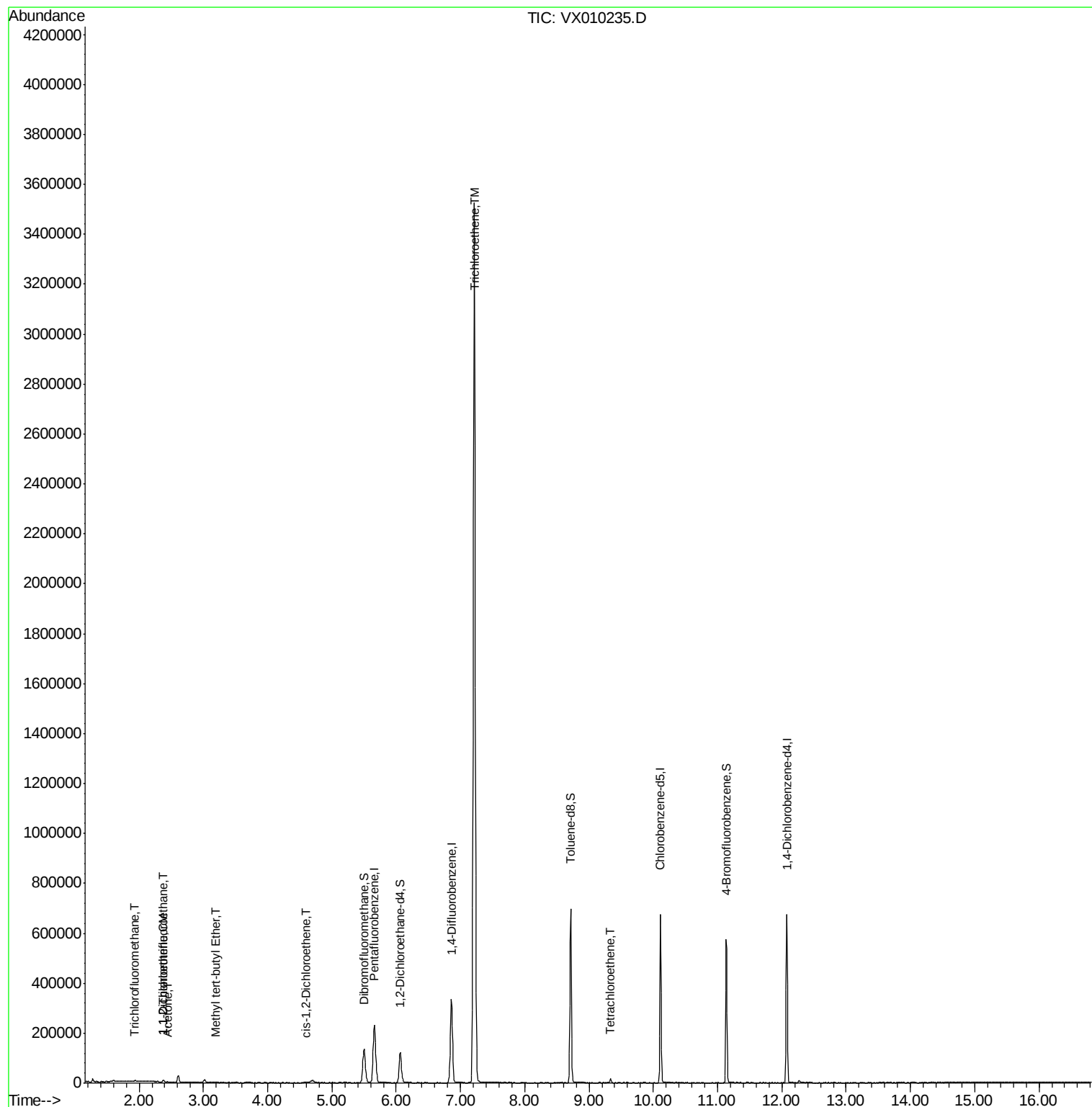
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	248113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	110398	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
35) Dibromofluoromethane	5.50	113	114105	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	8.71	98	436903	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	149662	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.93	101	3166	1.000	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1650	0.756	ug/l	88
12) 1,1-Dichloroethene	2.38	96	2197	0.986	ug/l #	67
16) Acetone	2.44	43	3491	3.065	ug/l #	85
19) Methyl tert-butyl Ether	3.20	73	3192	0.446	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	1760	0.641	ug/l	65
44) Trichloroethene	7.21	130	1440382	504.110	ug/l	90
64) Tetrachloroethene	9.34	164	3335	1.331	ug/l	96

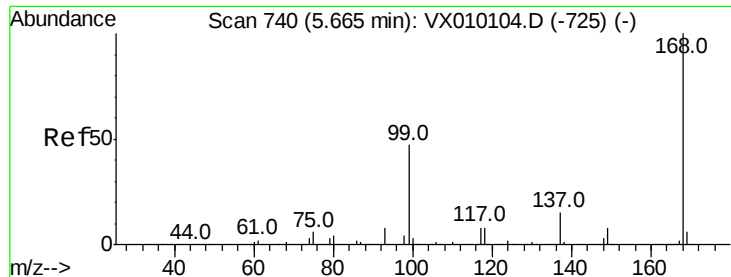
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010235.D

Acq: 11 Jun 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

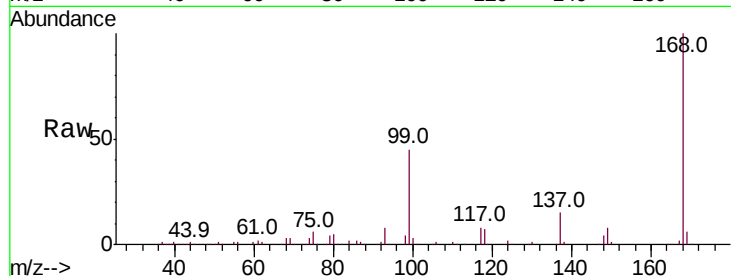
BPS1-TT-MW305D-20190606

Tot Ion:168 Resp: 248113

Ion Ratio Lower Upper

168 100

99 45.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

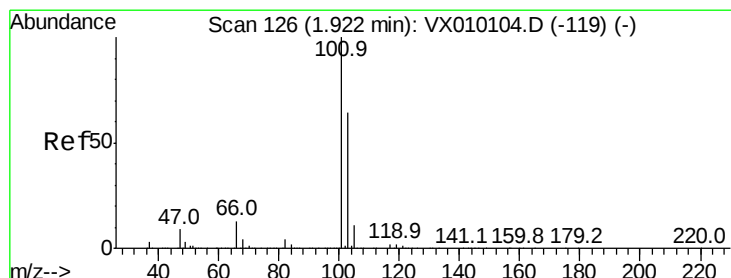
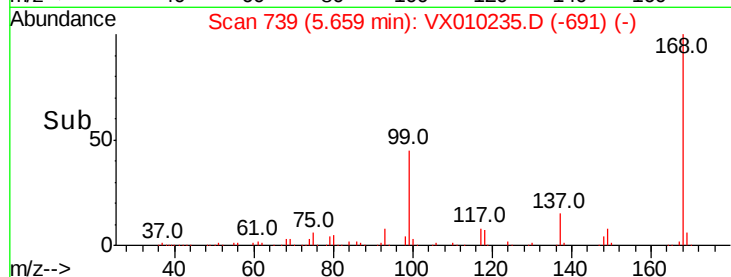
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#7

Trichlorofluoromethane

Concen: 1.000 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX010235.D

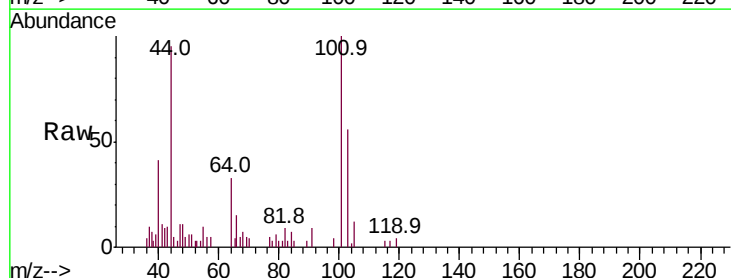
Acq: 11 Jun 2019 16:15

Tgt Ion:101 Resp: 3166

Ion Ratio Lower Upper

101 100

103 55.5 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

2000

1500

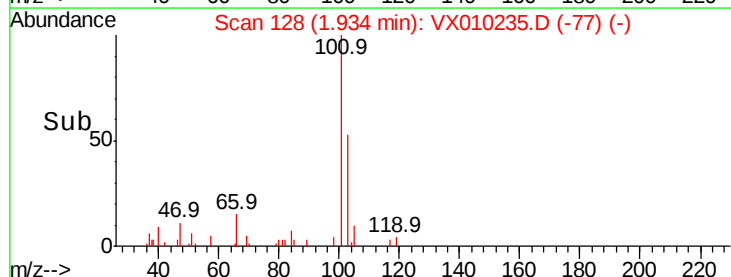
1000

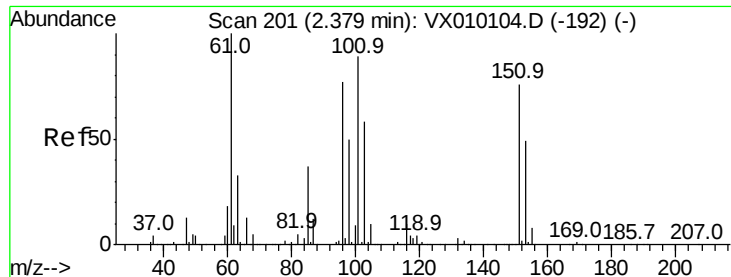
500

0

Time-->

1.90 1.95 2.00





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.756 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010235.D

Acq: 11 Jun 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305D-20190606

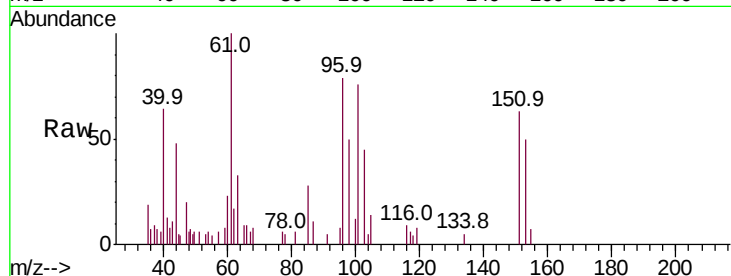
Tot Ion:101 Resp: 1650

Ion Ratio Lower Upper

101 100

85 47.9 35.2 52.8

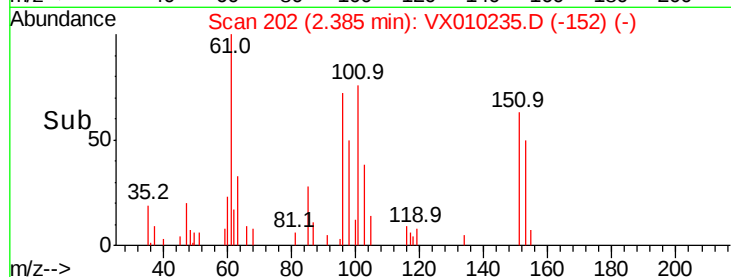
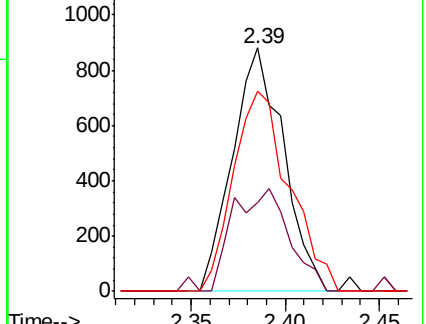
151 90.4 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 0.986 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX010235.D

Acq: 11 Jun 2019 16:15

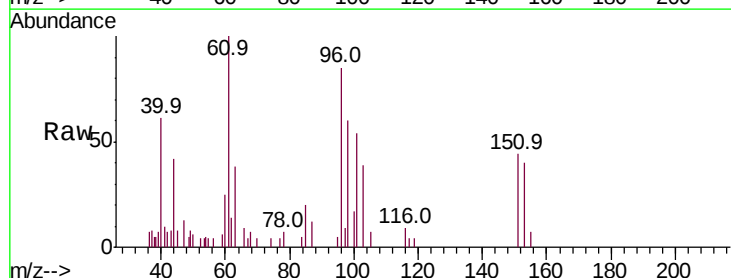
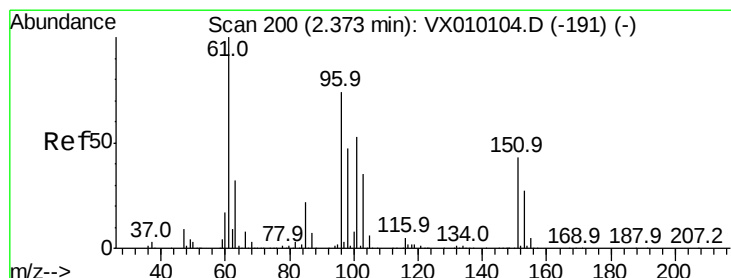
Tgt Ion: 96 Resp: 2197

Ion Ratio Lower Upper

96 100

61 117.9 140.7 211.1#

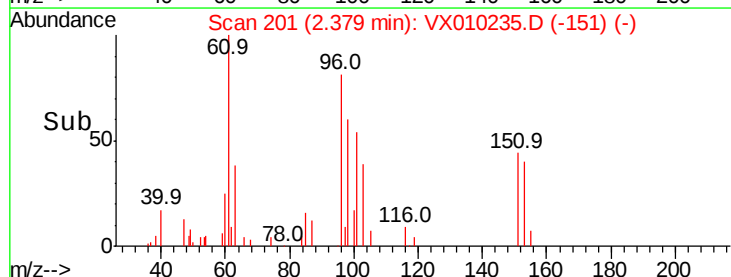
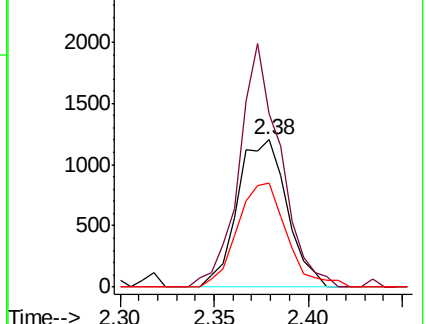
98 70.9 50.1 75.1

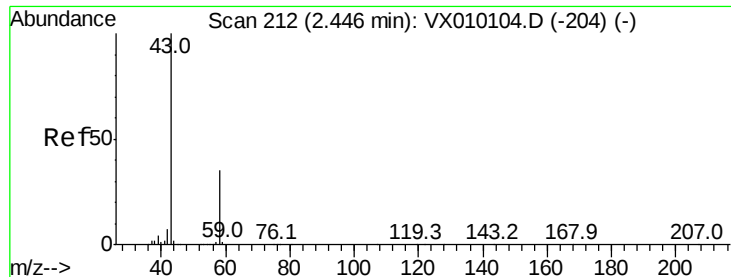


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 3.065 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010235.D

Acq: 11 Jun 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

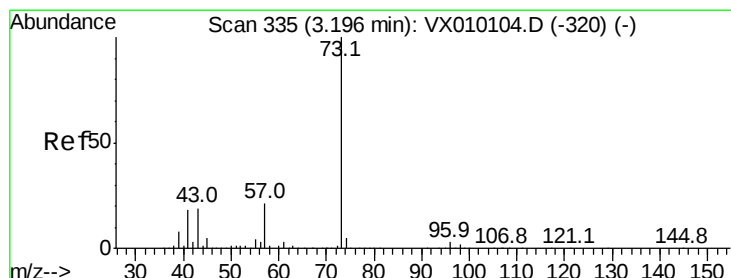
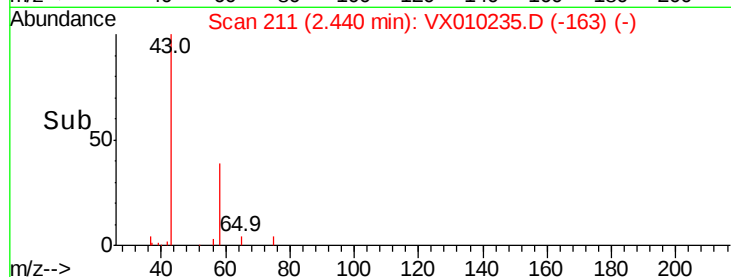
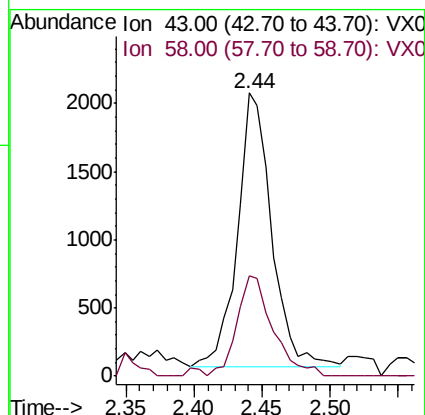
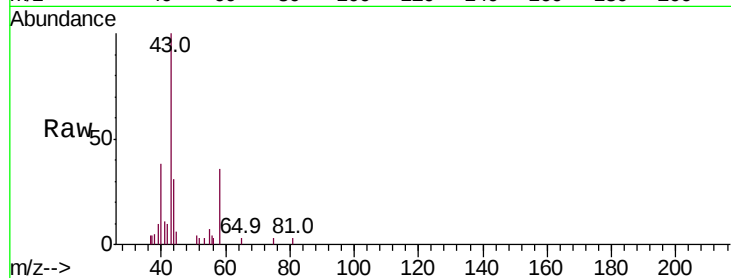
BPS1-TT-MW305D-20190606

Tot Ion: 43 Resp: 3491

Ion Ratio Lower Upper

43 100

58 36.9 23.2 34.8#



#19

Methyl tert-butyl Ether

Concen: 0.446 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX010235.D

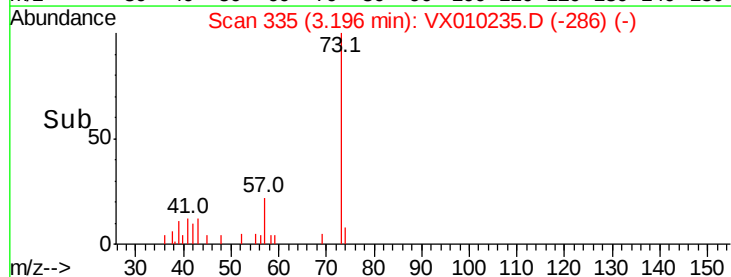
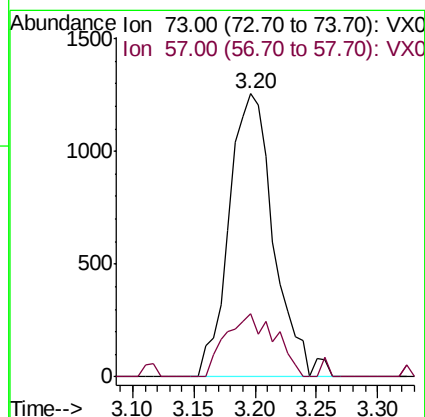
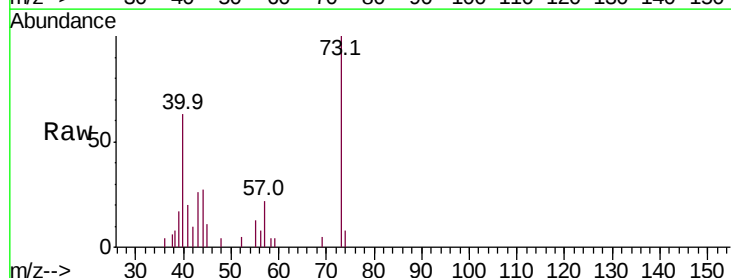
Acq: 11 Jun 2019 16:15

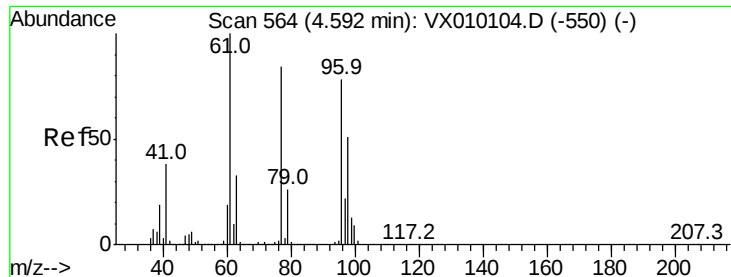
Tgt Ion: 73 Resp: 3192

Ion Ratio Lower Upper

73 100

57 22.2 19.4 29.2





#27

cis-1,2-Dichloroethene

Concen: 0.641 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX010235.D

Acq: 11 Jun 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305D-20190606

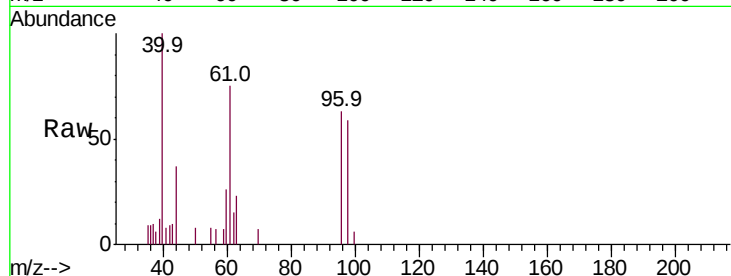
Tot Ion: 96 Resp: 1760

Ion Ratio Lower Upper

96 100

61 110.8 0.0 334.0

98 79.1 0.0 131.6



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

800

600

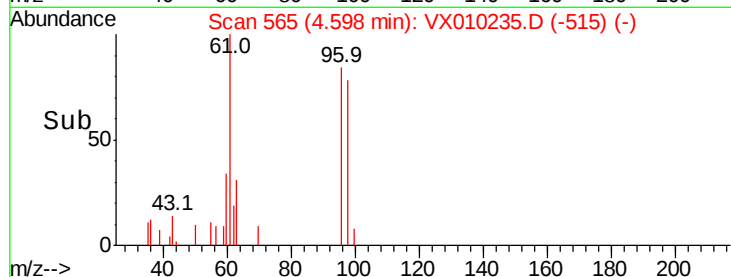
400

200

0

4.50 4.55 4.60 4.65 4.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.584 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010235.D

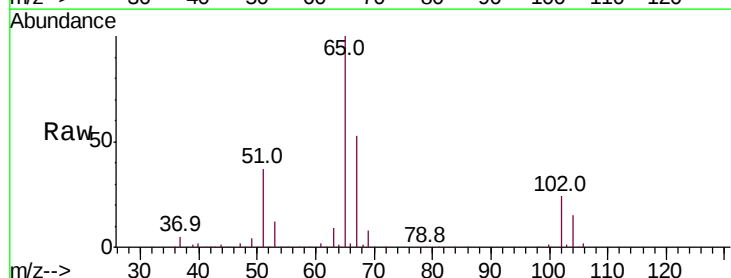
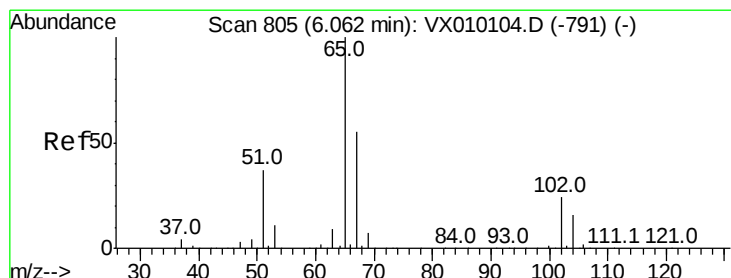
Acq: 11 Jun 2019 16:15

Tgt Ion: 65 Resp: 110398

Ion Ratio Lower Upper

65 100

67 54.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

50000

40000

30000

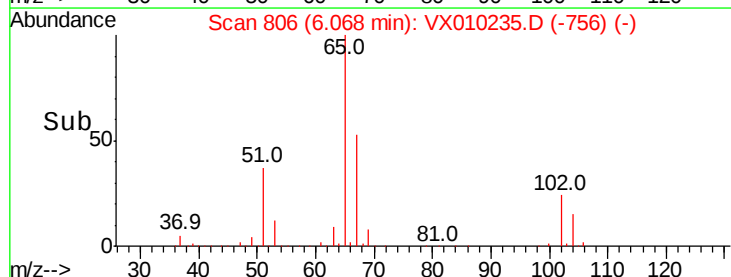
20000

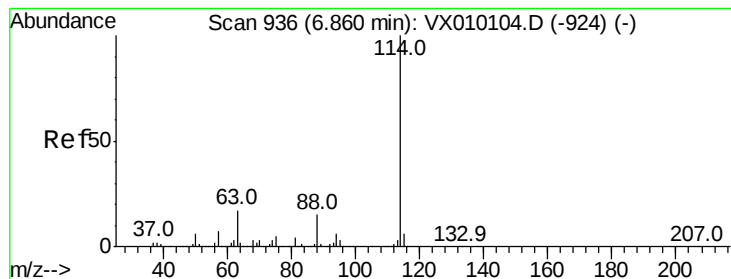
10000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010235.D

Acq: 11 Jun 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305D-20190606

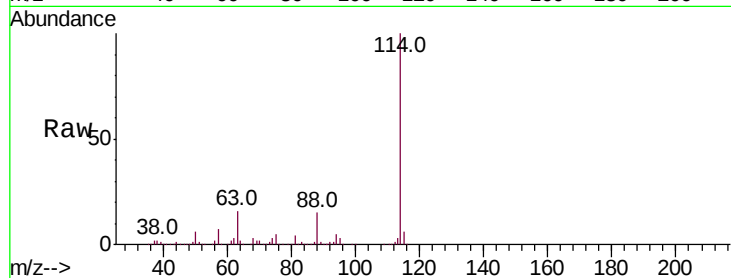
Tot Ion:114 Resp: 375744

Ion Ratio Lower Upper

114 100

63 16.4 0.0 47.4

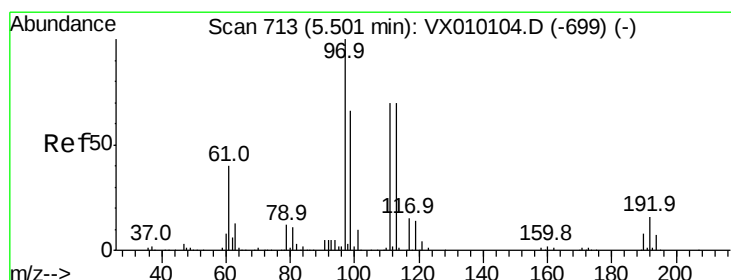
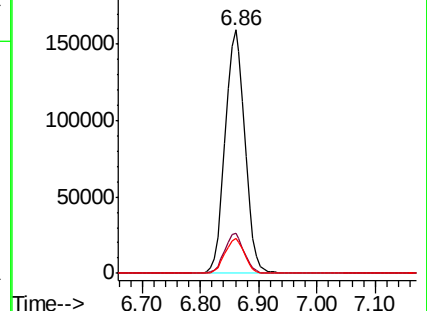
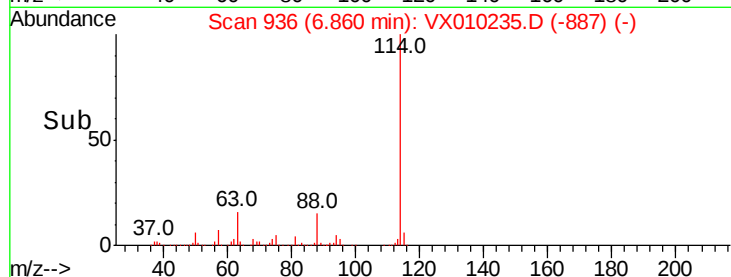
88 14.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.232 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010235.D

Acq: 11 Jun 2019 16:15

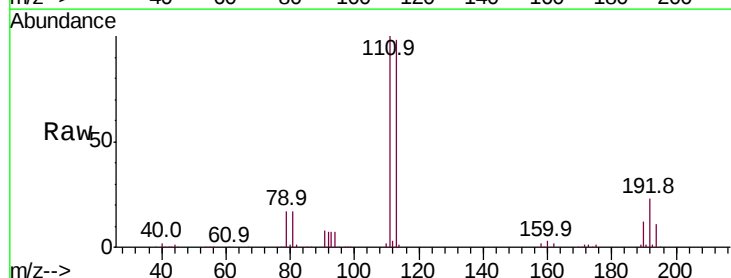
Tgt Ion:113 Resp: 114105

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

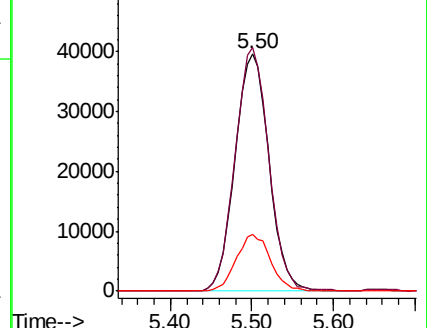
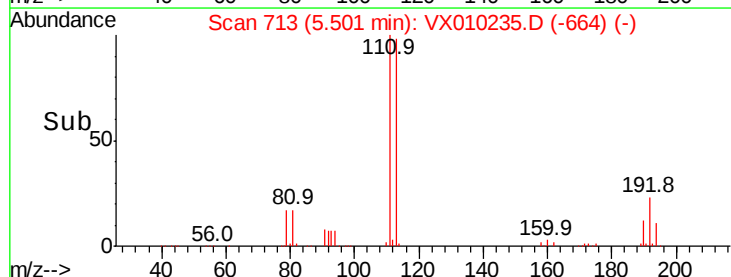
192 23.9 17.1 25.7

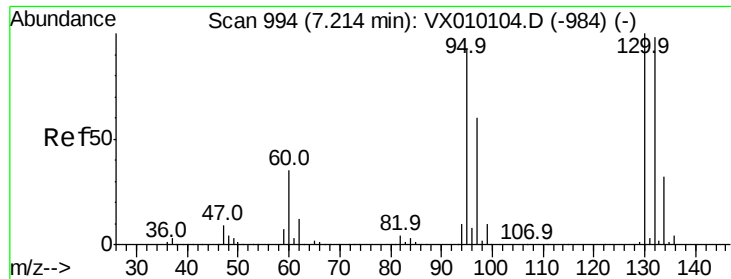


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

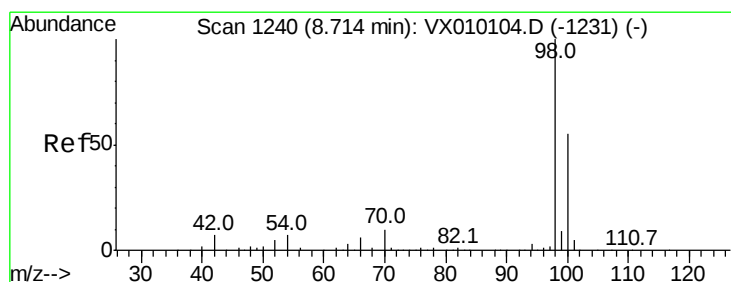
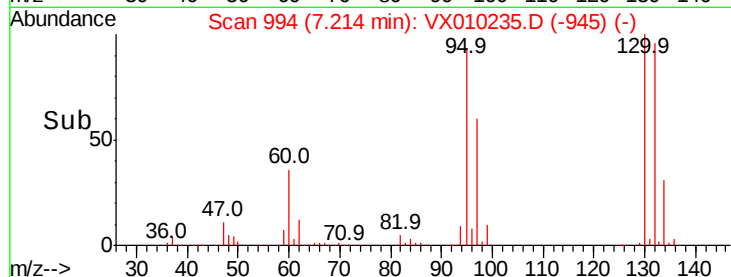
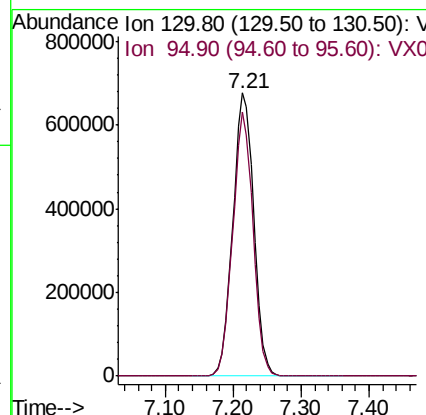
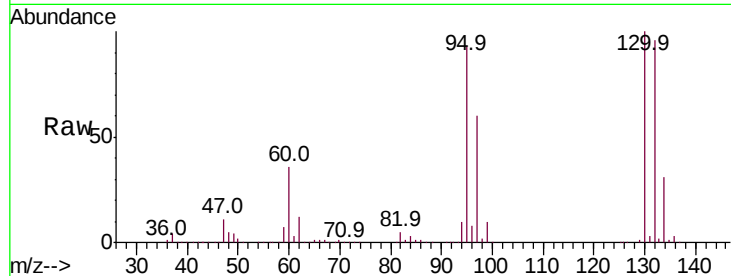




#44
 Trichloroethene
 Concen: 504.110 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010235.D
 Acq: 11 Jun 2019 16:15

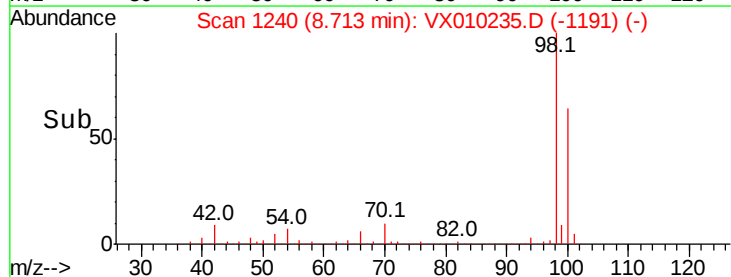
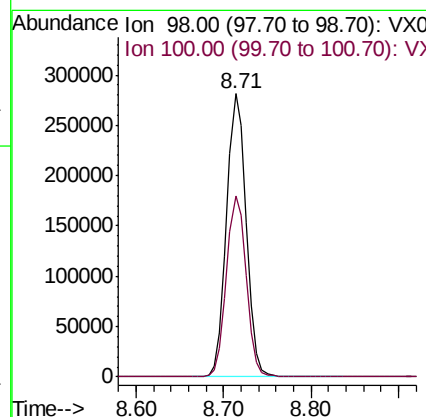
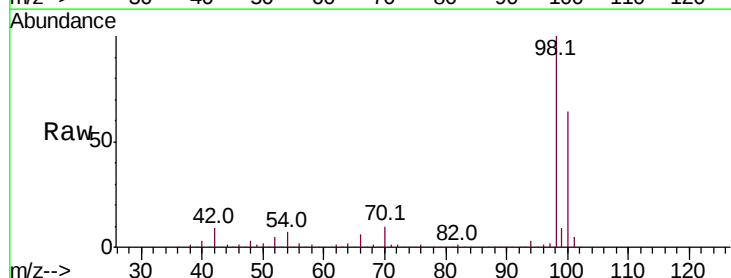
Instrument :
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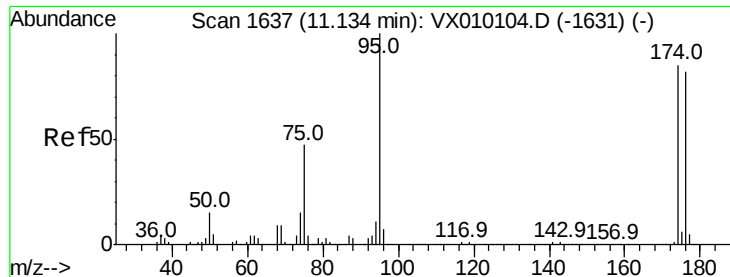
Tot Ion:130 Resp: 1440382
 Ion Ratio Lower Upper
 130 100
 95 93.3 0.0 207.4



#50
 Toluene-d8
 Concen: 50.298 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010235.D
 Acq: 11 Jun 2019 16:15

Tgt Ion: 98 Resp: 436903
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 46.135 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010235.D

Acq: 11 Jun 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305D-20190606

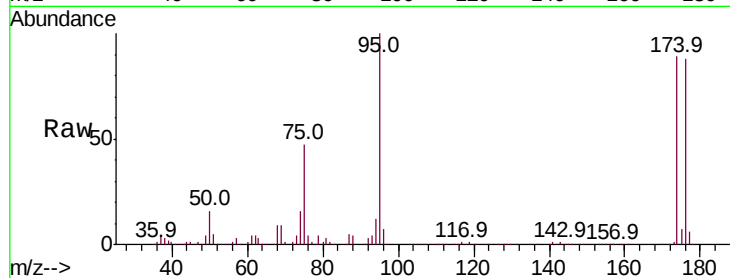
Tot Ion: 95 Resp: 149662

Ion Ratio Lower Upper

95 100

174 95.4 0.0 160.4

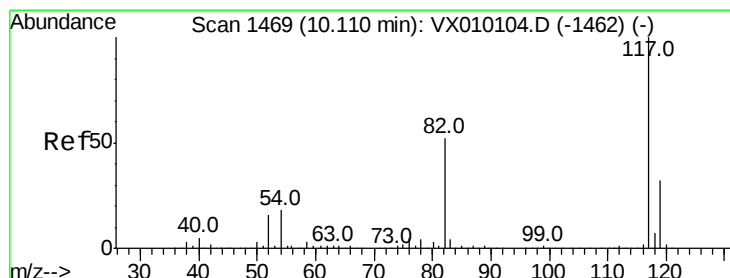
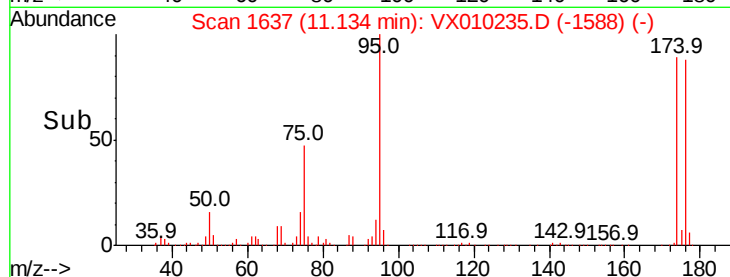
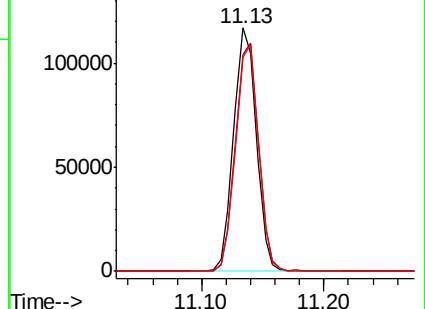
176 93.7 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010235.D

Acq: 11 Jun 2019 16:15

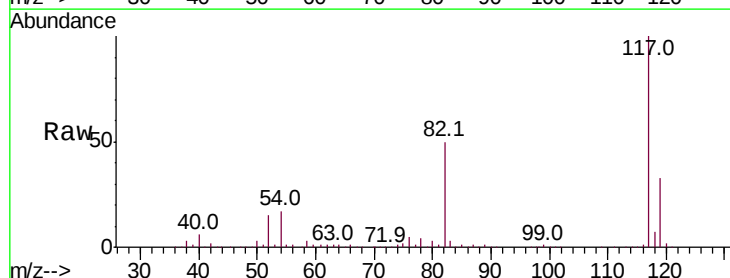
Tgt Ion: 117 Resp: 337364

Ion Ratio Lower Upper

117 100

82 50.5 49.2 73.8

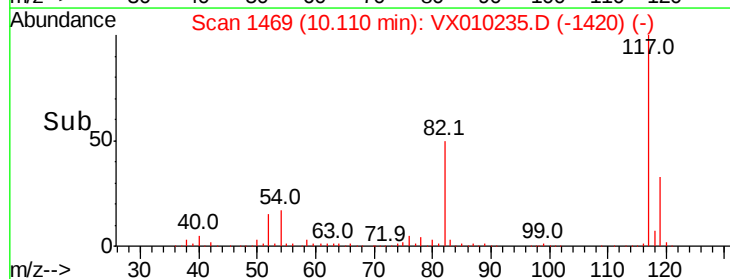
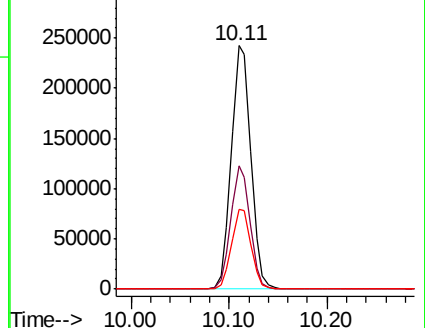
119 32.7 25.2 37.8

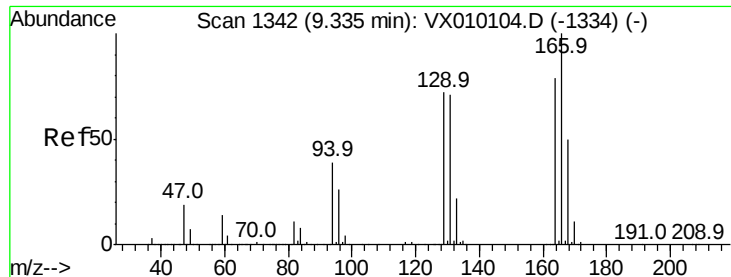


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)





#64

Tetrachloroethene

Concen: 1.331 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010235.D

Acq: 11 Jun 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305D-20190606

Tot Ion:164 Resp: 3335

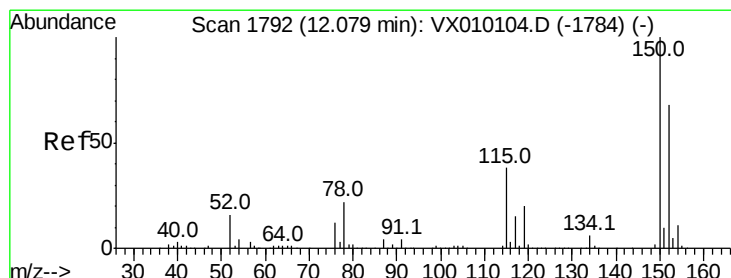
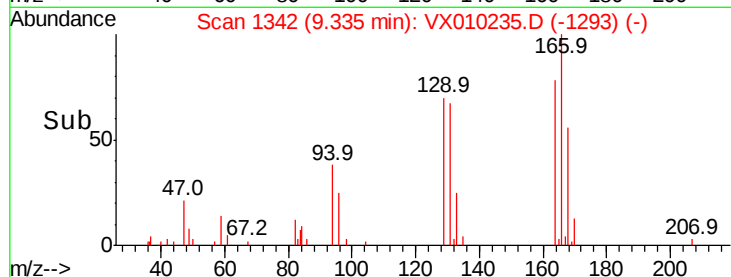
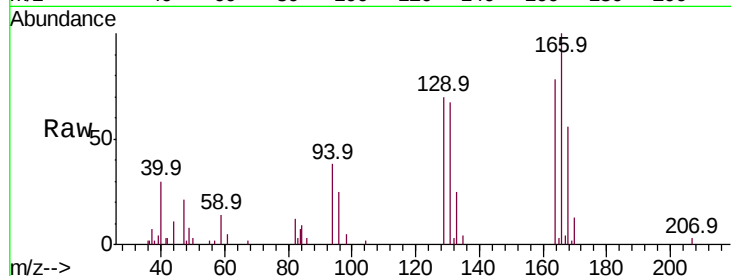
Ion Ratio Lower Upper

164 100

166 127.8 105.0 157.4

129 89.5 75.1 112.7

131 85.8 72.2 108.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010235.D

Acq: 11 Jun 2019 16:15

Tgt Ion:152 Resp: 155163

Ion Ratio Lower Upper

152 100

115 54.5 41.4 124.2

150 159.3 0.0 345.2

