

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010208.D
 Acq On : 11 Jun 2019 04:13
 Operator : JC/SP
 Sample : K3279-07 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203I-20190607

Quant Time: Jun 11 06:20:37 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	242265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	367938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159037	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108370	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
35) Dibromofluoromethane	5.50	113	111511	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	431273	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.13	95	147287	46.37	ug/l	0.00
Spiked Amount			Recovery	=	92.74%	

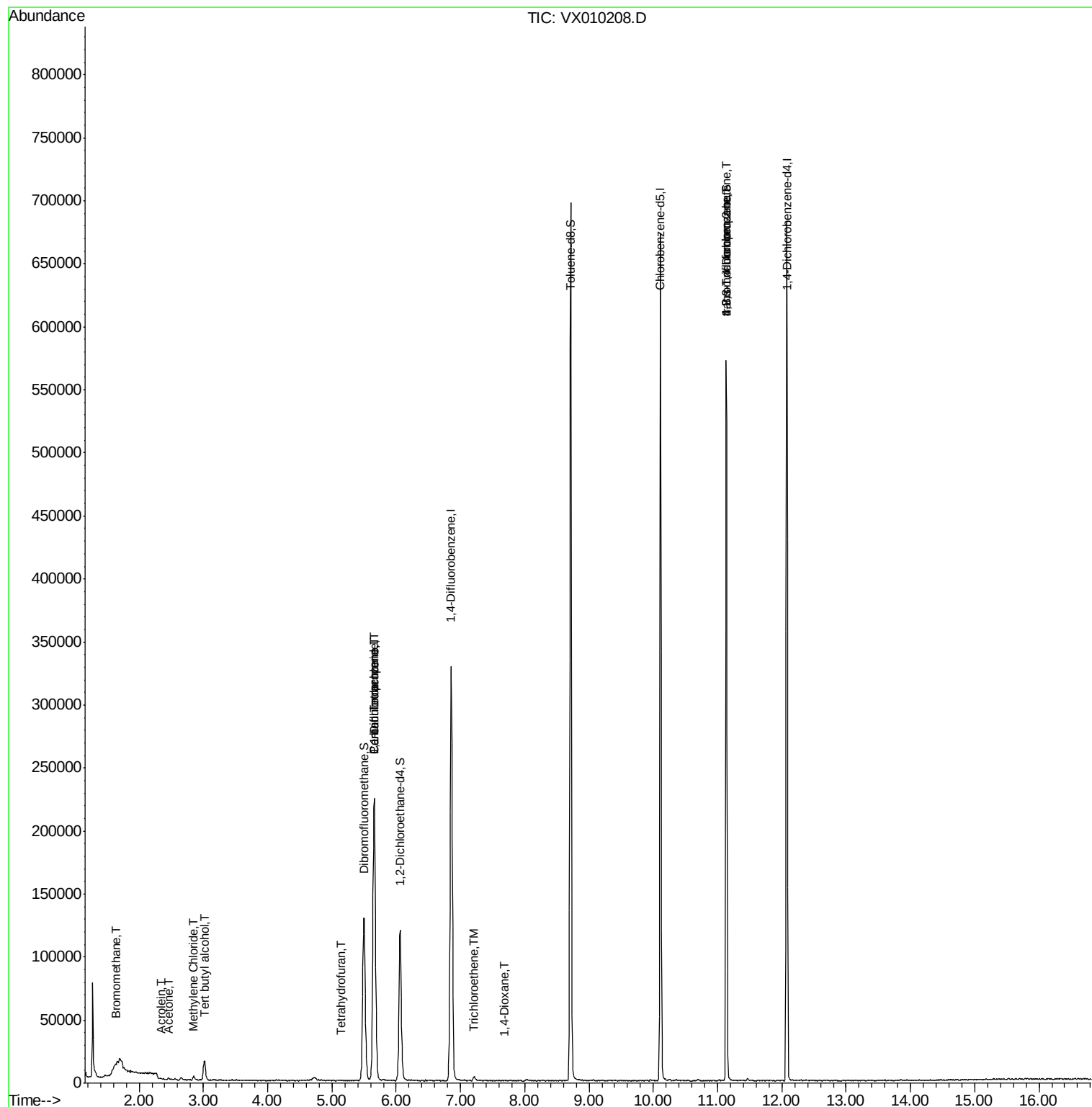
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	566	0.721	ug/l	98
11) Tert butyl alcohol	3.02	59	9154	15.802	ug/l #	80
13) Acrolein	2.34	56	168	1.590	ug/l	86
16) Acetone	2.45	43	982	0.883	ug/l #	46
20) Methylene Chloride	2.85	84	1534	0.628	ug/l #	82
29) Tetrahydrofuran	5.13	42	291	0.280	ug/l #	39
36) 1,1-Dichloropropene	5.65	75	14477	4.823	ug/l #	53
38) Carbon Tetrachloride	5.66	117	20982	6.175	ug/l #	15
44) Trichloroethene	7.21	130	1378	0.493	ug/l	81
49) 1,4-Dioxane	7.68	88	21	0.302	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	67369	21.178	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	67369	46.792	ug/l #	10

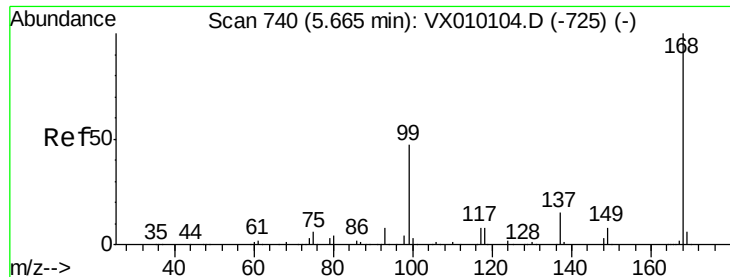
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010208.D

Acq: 11 Jun 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

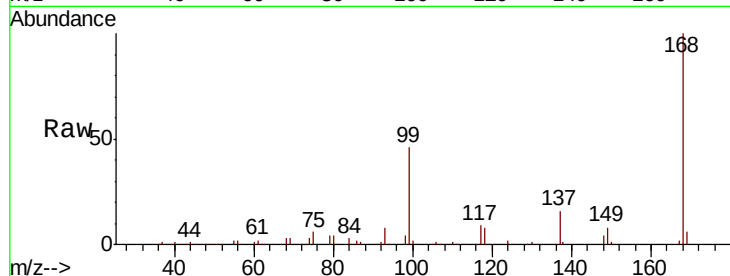
BP-TT-MW203I-20190607

Tot Ion:168 Resp: 242265

Ion Ratio Lower Upper

168 100

99 46.4 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

80000

60000

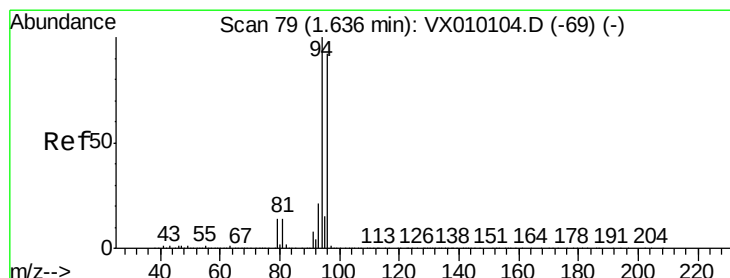
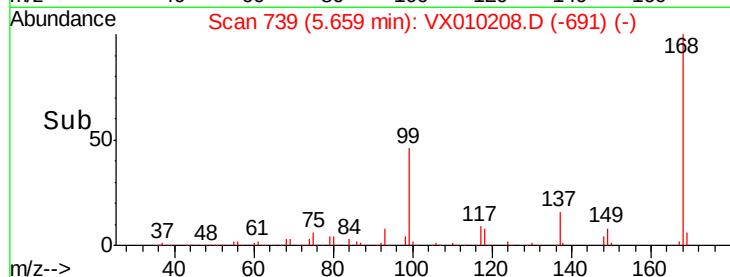
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.721 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010208.D

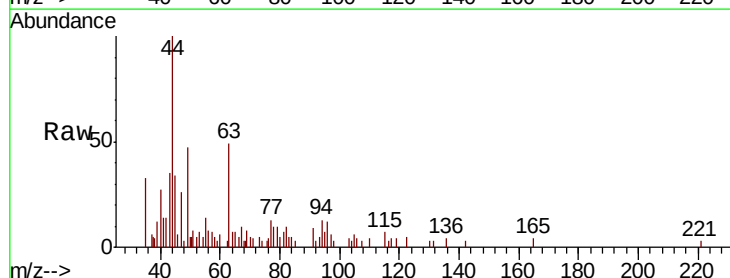
Acq: 11 Jun 2019 04:13

Tgt Ion: 94 Resp: 566

Ion Ratio Lower Upper

94 100

96 93.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

250

200

150

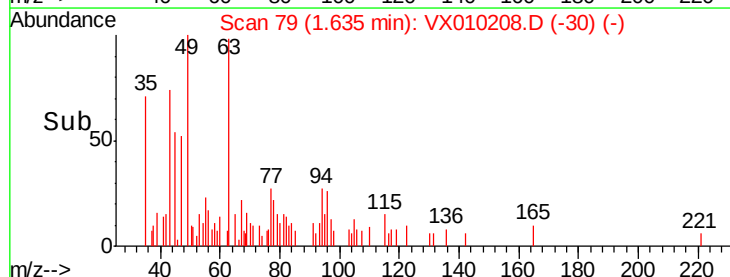
100

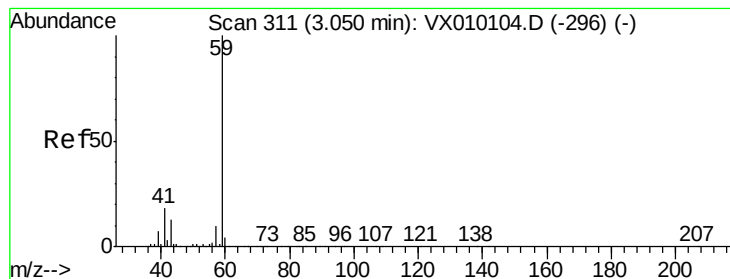
50

0

Time-->

1.60 1.65



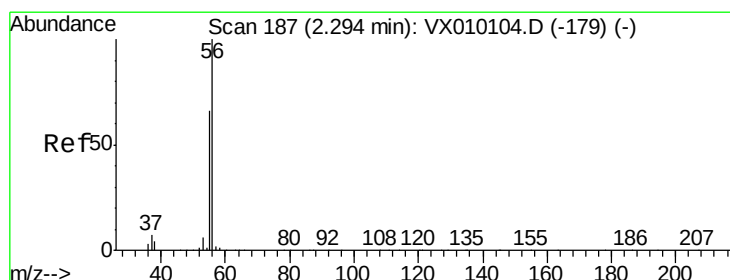
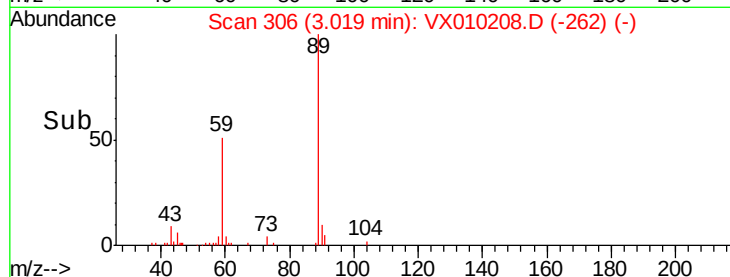
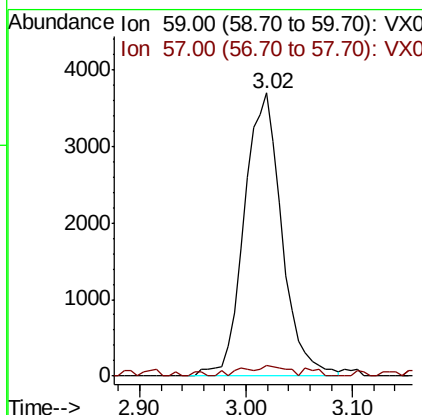
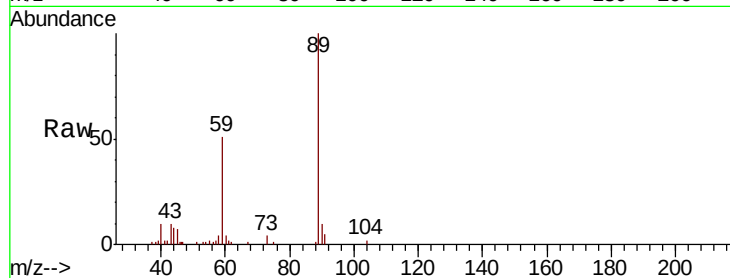


#11

Tert butyl alcohol
 Concen: 15.802 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010208.D
 Acq: 11 Jun 2019 04:13

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203I-20190607

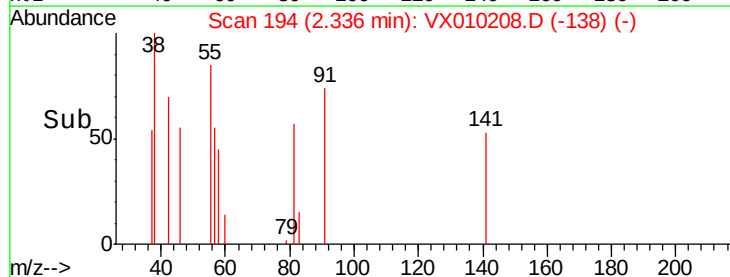
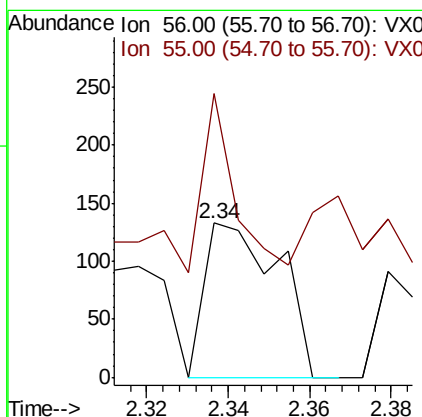
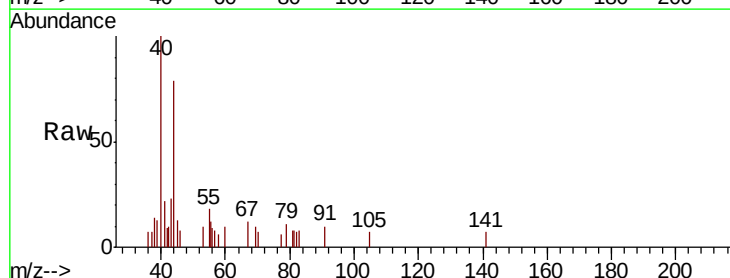
Tot Ion: 59 Resp: 9154
 Ion Ratio Lower Upper
 59 100
 57 2.6 8.2 12.2#

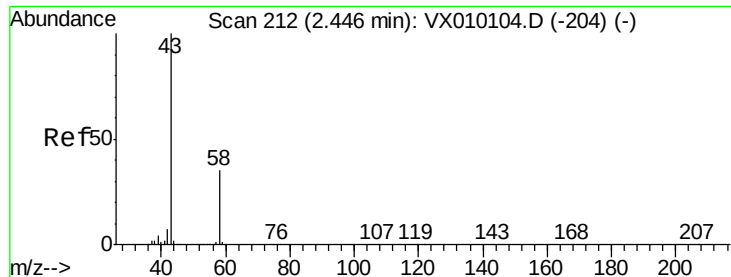


#13

Acrolein
 Concen: 1.590 ug/l
 RT: 2.34 min Scan# 194
 Delta R.T. 0.04 min
 Lab File: VX010208.D
 Acq: 11 Jun 2019 04:13

Tgt Ion: 56 Resp: 168
 Ion Ratio Lower Upper
 56 100
 55 59.5 57.0 85.4





#16

Acetone

Concen: 0.883 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010208.D

Acq: 11 Jun 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

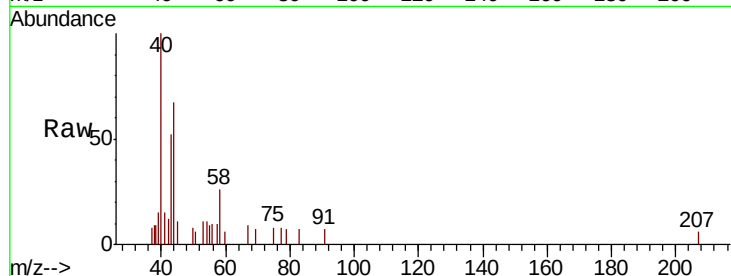
BP-TT-MW203I-20190607

Tot Ion: 43 Resp: 982

Ion Ratio Lower Upper

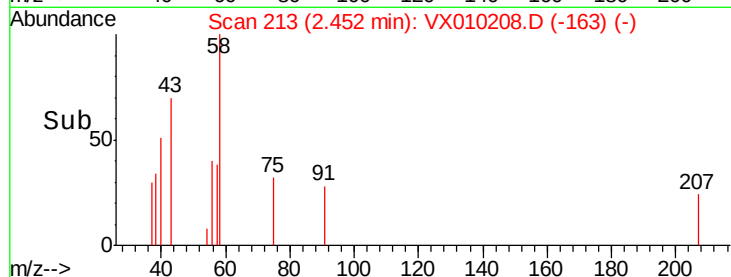
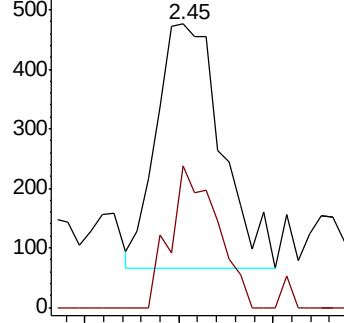
43 100

58 57.8 23.2 34.8#

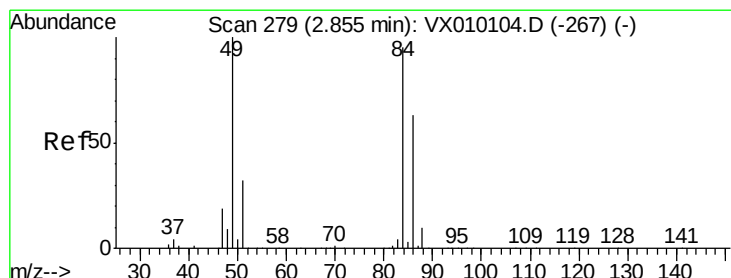


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#20

Methylene Chloride

Concen: 0.628 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX010208.D

Acq: 11 Jun 2019 04:13

Tgt Ion: 84 Resp: 1534

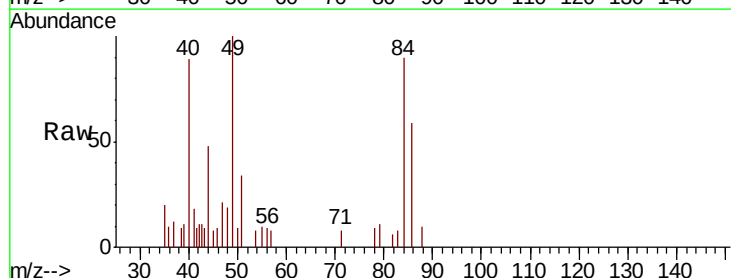
Ion Ratio Lower Upper

84 100

49 111.3 115.8 173.6#

51 37.9 34.4 51.6

86 66.0 49.7 74.5

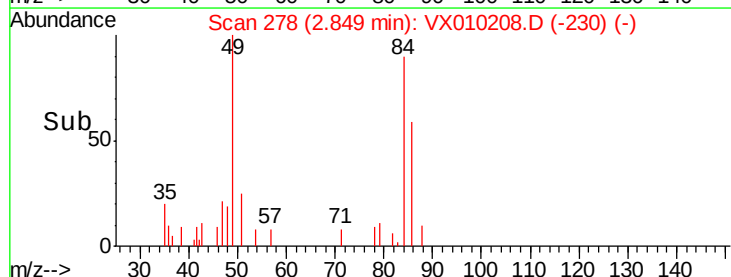
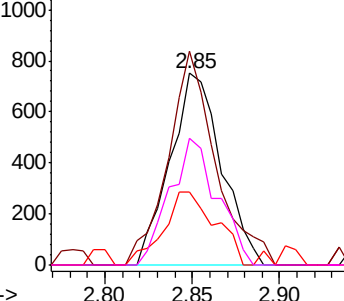


Abundance Ion 83.90 (83.60 to 84.60): VX0

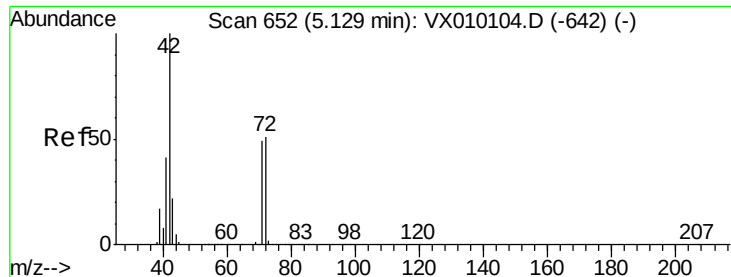
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



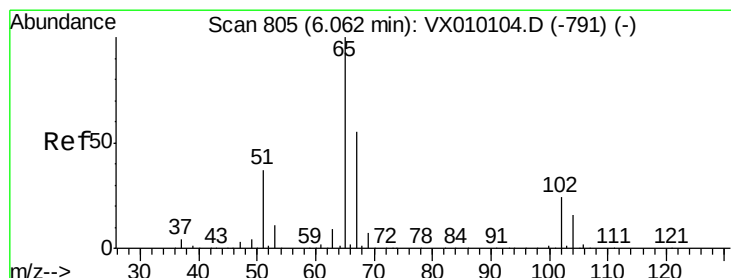
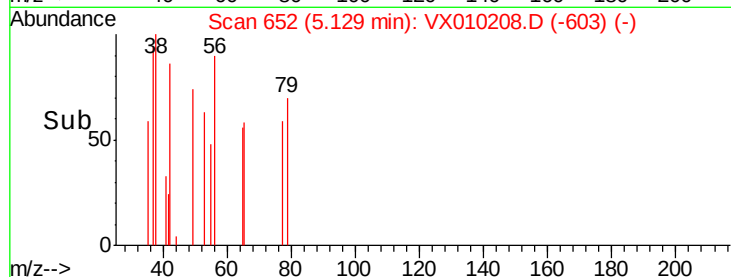
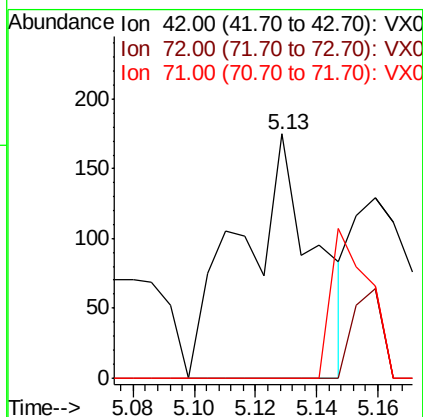
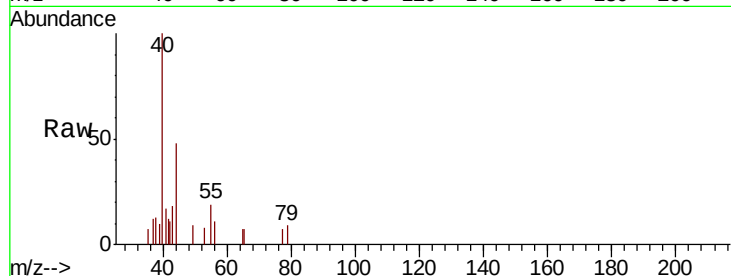
Time-->



#29
Tetrahydrofuran
Concen: 0.280 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010208.D
Acq: 11 Jun 2019 04:13

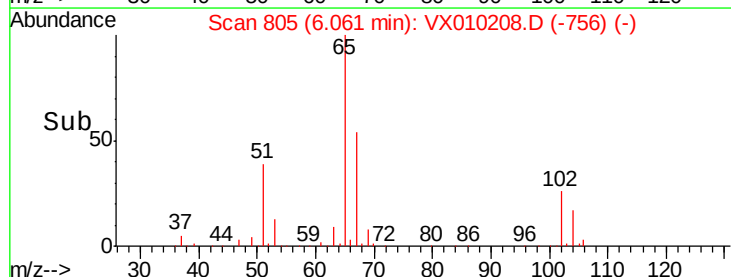
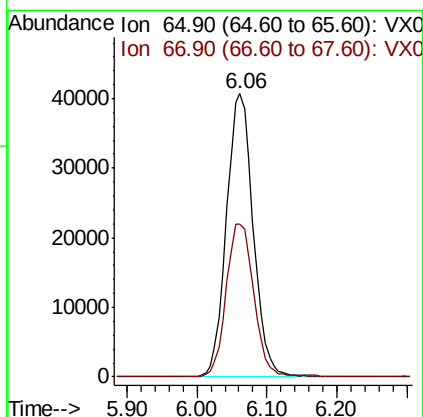
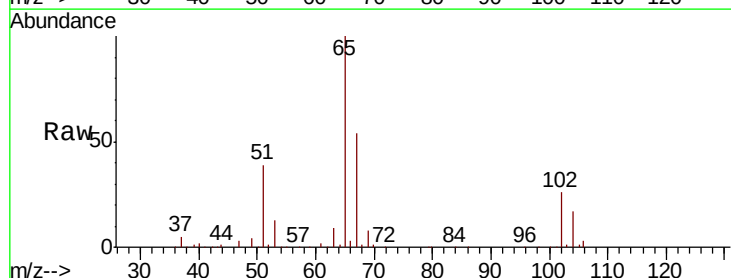
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203I-20190607

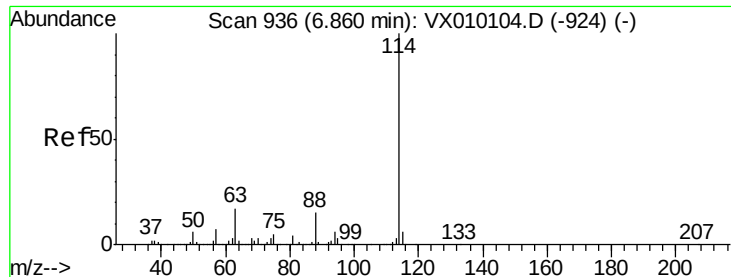
Tot Ion: 42 Resp: 291
Ion Ratio Lower Upper
42 100
72 0.0 29.2 43.8#
71 0.0 27.6 41.4#



#33
1,2-Dichloroethane-d4
Concen: 45.827 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010208.D
Acq: 11 Jun 2019 04:13

Tgt Ion: 65 Resp: 108370
Ion Ratio Lower Upper
65 100
67 55.7 0.0 108.4

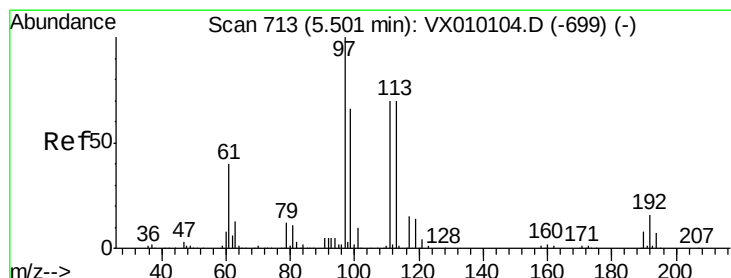
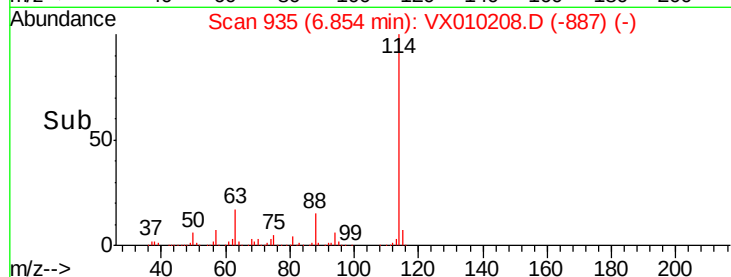
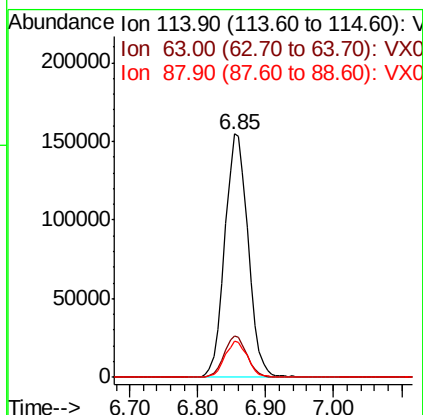
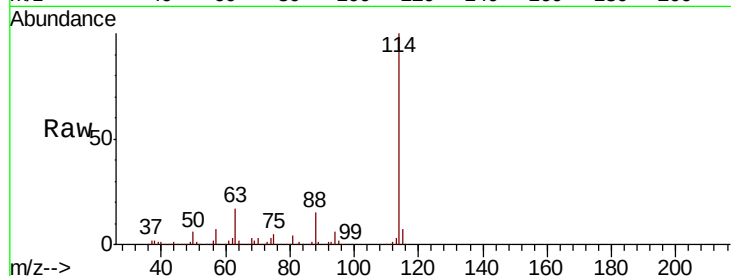




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010208.D
 Acq: 11 Jun 2019 04:13

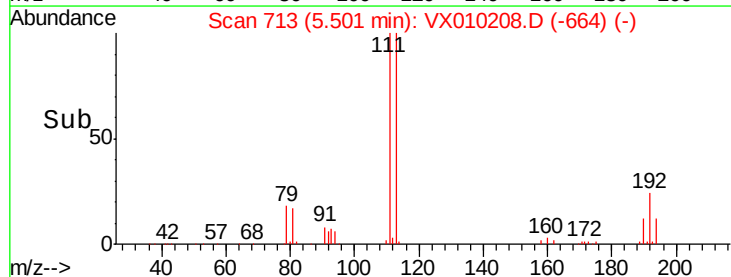
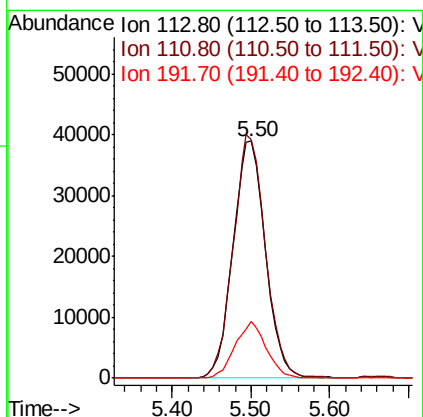
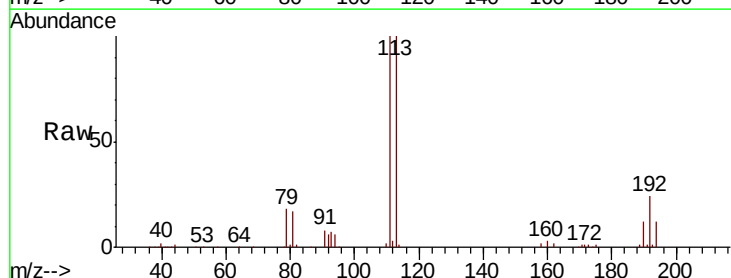
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203I-20190607

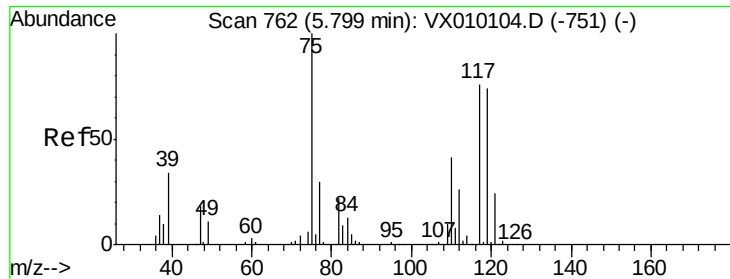
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	47.4
88	14.9	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.134 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010208.D
 Acq: 11 Jun 2019 04:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.2
192	23.0	17.1	25.7

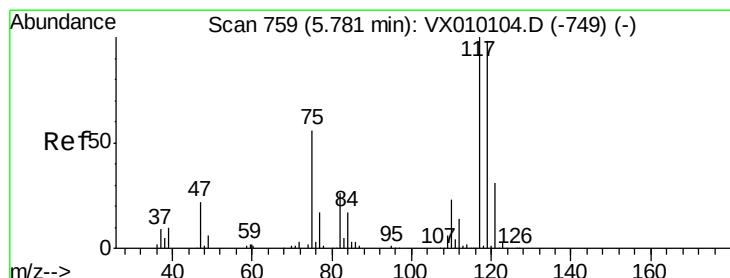
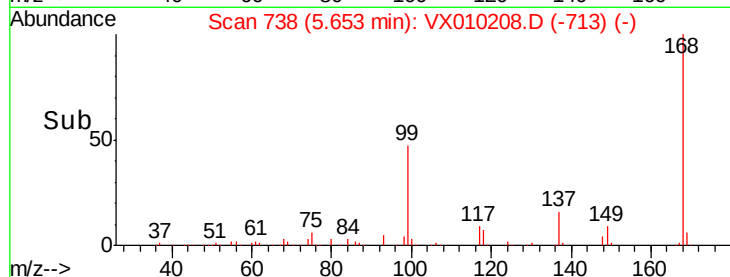
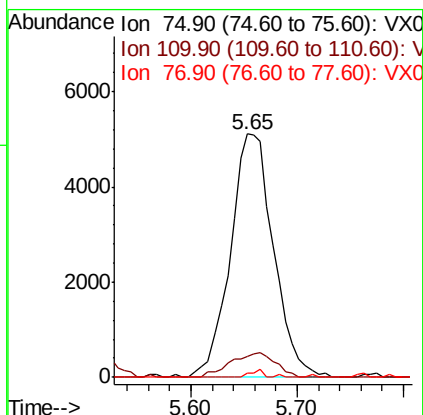
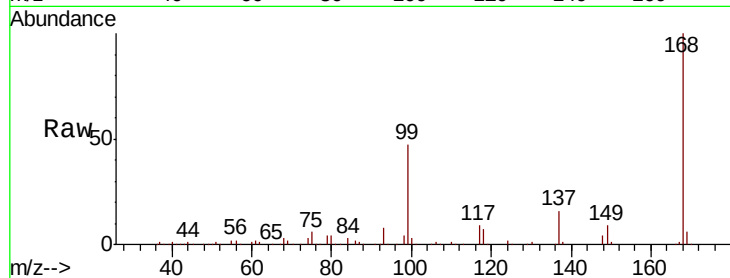




#36
 1,1-Dichloropropene
 Concen: 4.823 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010208.D
 Acq: 11 Jun 2019 04:13

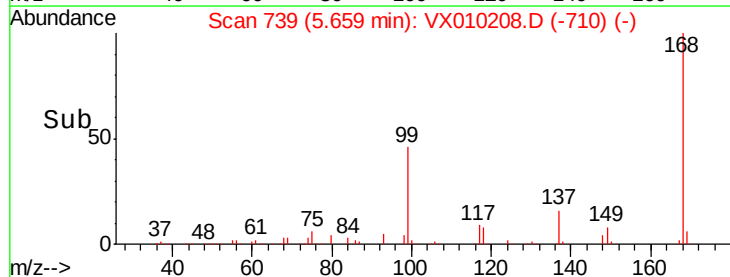
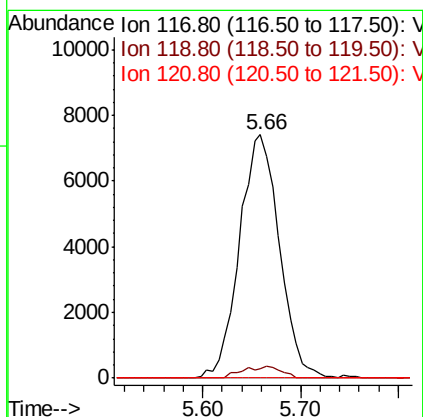
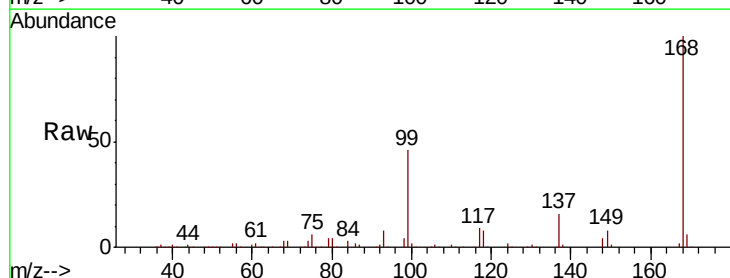
Instrument :
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 BP-TT-MW203I-20190607

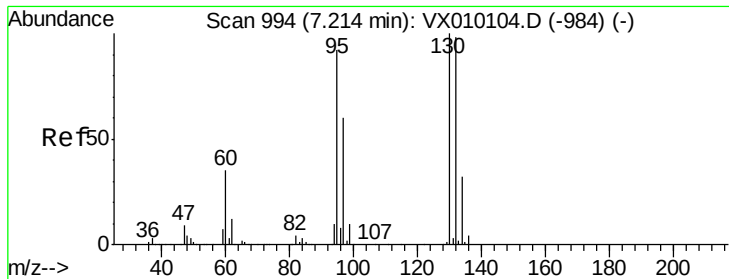
Tot Ion: 75 Resp: 14477
 Ion Ratio Lower Upper
 75 100
 110 10.4 16.7 50.1#
 77 0.8 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.175 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX010208.D
 Acq: 11 Jun 2019 04:13

Tgt Ion: 117 Resp: 20982
 Ion Ratio Lower Upper
 117 100
 119 3.9 77.3 115.9#
 121 0.0 25.4 38.0#





#44

Trichloroethene

Concen: 0.493 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010208.D

Acq: 11 Jun 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

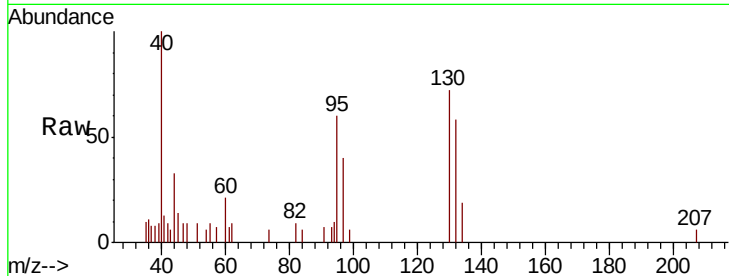
BP-TT-MW203I-20190607

Tot Ion:130 Resp: 1378

Ion Ratio Lower Upper

130 100

95 84.1 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

600

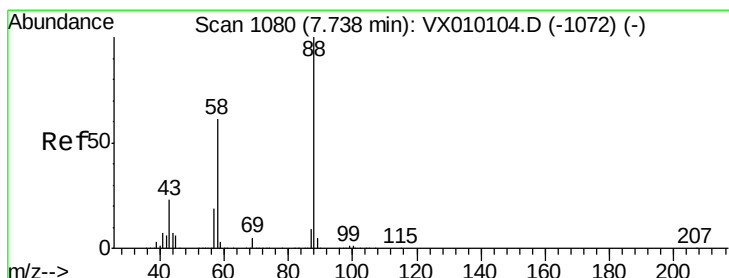
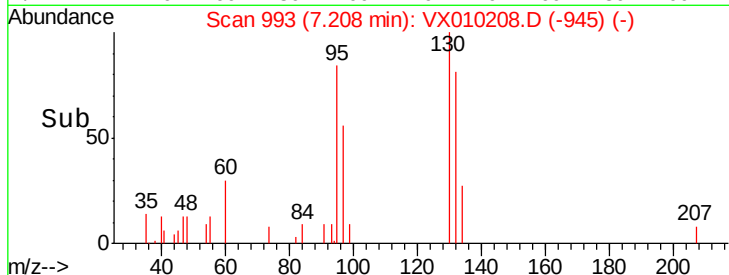
400

200

0

7.15 7.20 7.25

Time-->



#49

1,4-Dioxane

Concen: 0.302 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.06 min

Lab File: VX010208.D

Acq: 11 Jun 2019 04:13

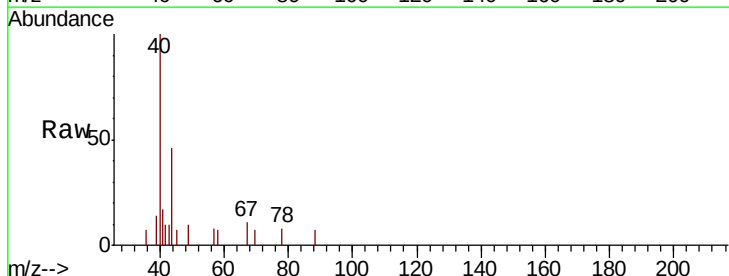
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 447.6 30.2 45.4#

58 481.0 64.0 96.0#



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

200

150

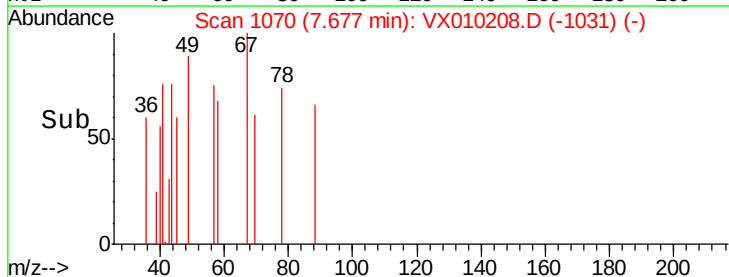
100

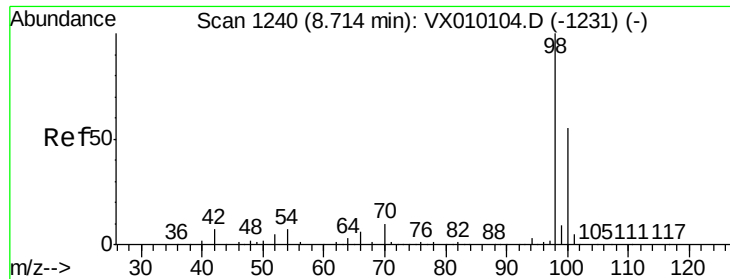
50

0

7.66 7.67 7.68 7.69

Time-->





#50

Toluene-d8

Concen: 50.703 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010208.D

Acq: 11 Jun 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

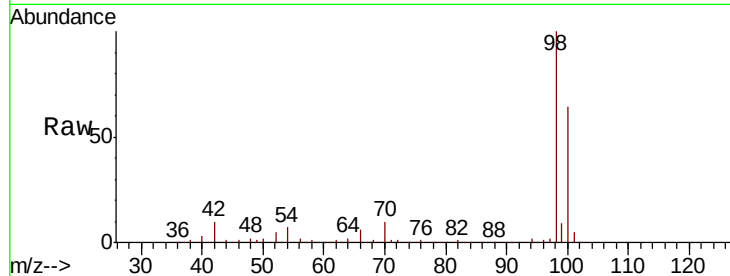
BP-TT-MW203I-20190607

Tot Ion: 98 Resp: 431273

Ion Ratio Lower Upper

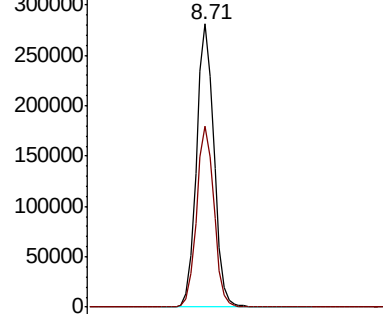
98 100

100 63.9 51.5 77.3

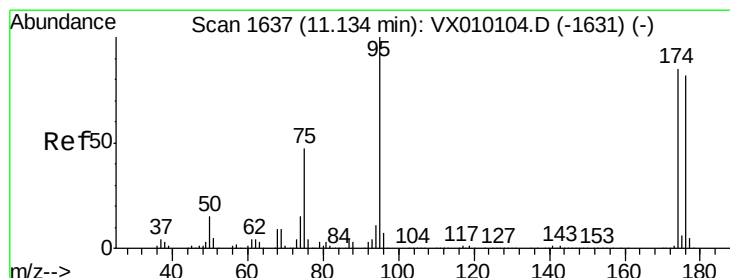
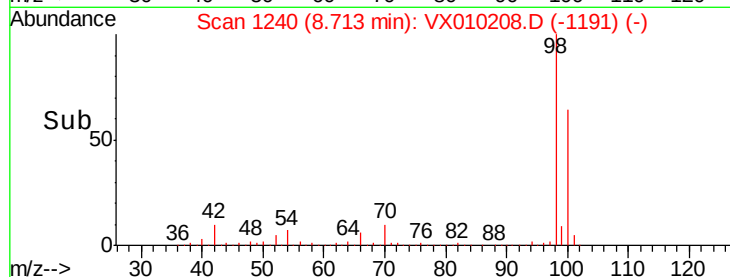


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#62

4-Bromofluorobenzene

Concen: 46.367 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010208.D

Acq: 11 Jun 2019 04:13

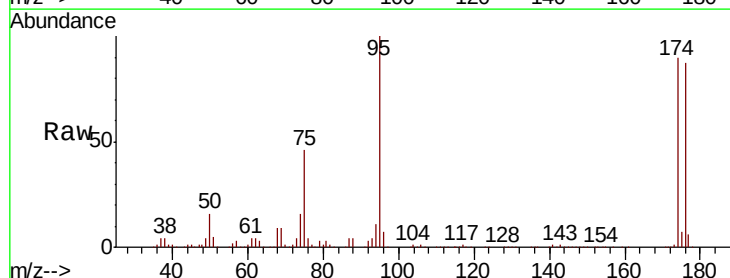
Tgt Ion: 95 Resp: 147287

Ion Ratio Lower Upper

95 100

174 95.5 0.0 160.4

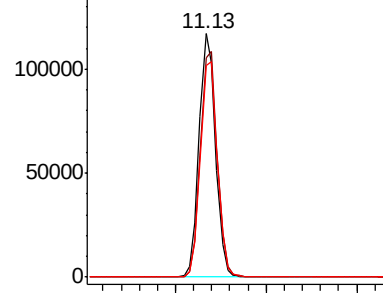
176 92.1 0.0 154.6



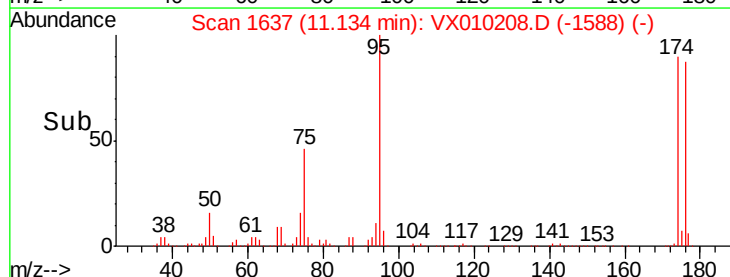
Abundance Ion 94.90 (94.60 to 95.60): VX0

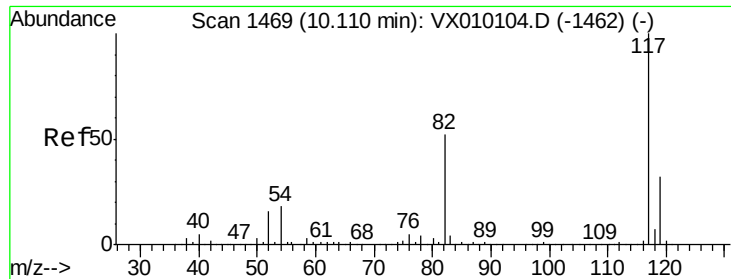
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

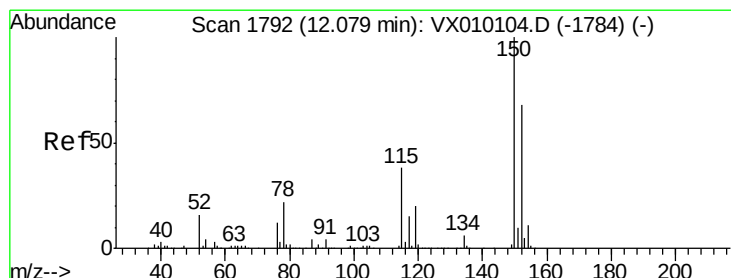
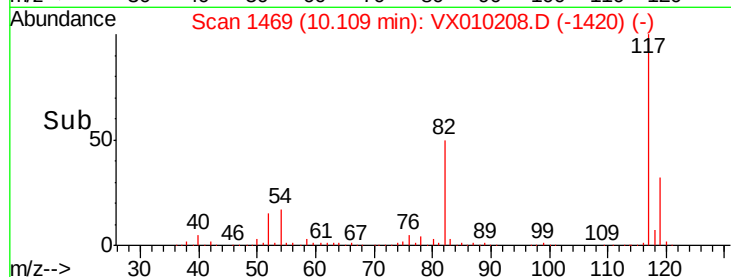
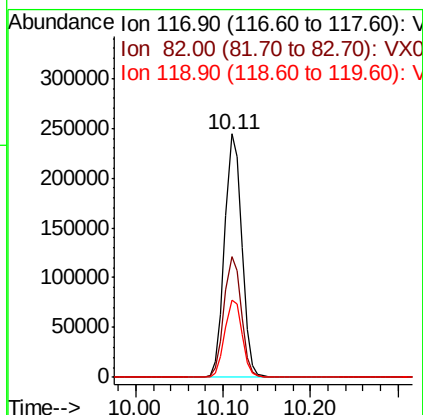
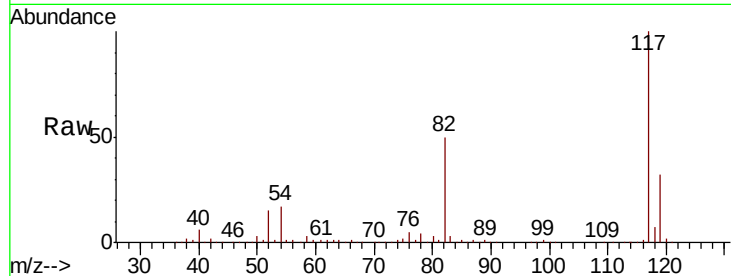




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010208.D
Acq: 11 Jun 2019 04:13

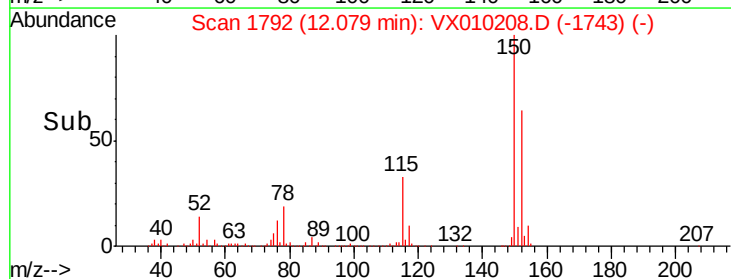
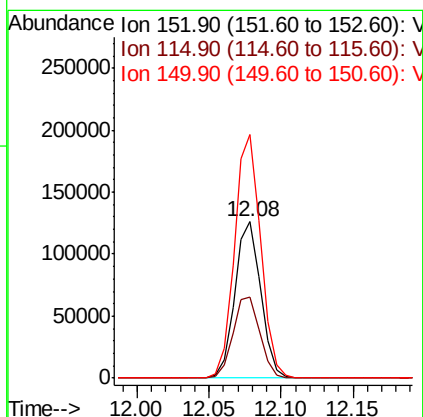
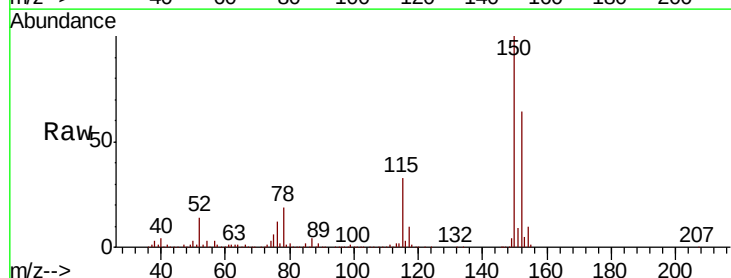
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203I-20190607

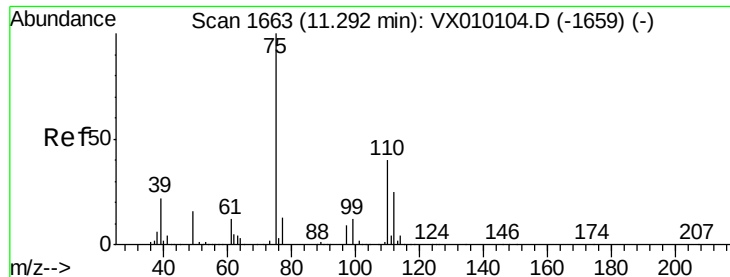
Tot Ion:117 Resp: 332875
Ion Ratio Lower Upper
117 100
82 49.8 49.2 73.8
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010208.D
Acq: 11 Jun 2019 04:13

Tgt Ion:152 Resp: 159037
Ion Ratio Lower Upper
152 100
115 54.2 41.4 124.2
150 156.9 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 21.178 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010208.D

Acq: 11 Jun 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

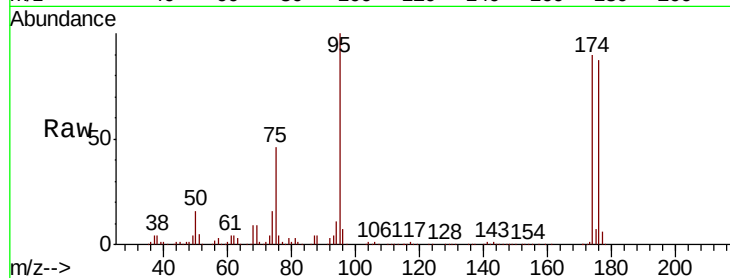
BP-TT-MW203I-20190607

Tot Ion: 75 Resp: 67369

Ion Ratio Lower Upper

75 100

77 1.2 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

60000

50000

40000

30000

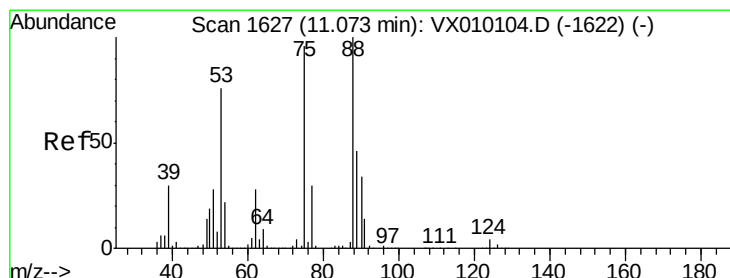
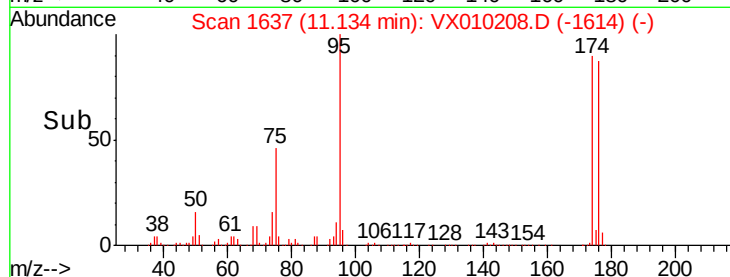
20000

10000

0

Time-->

11.10 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 46.792 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010208.D

Acq: 11 Jun 2019 04:13

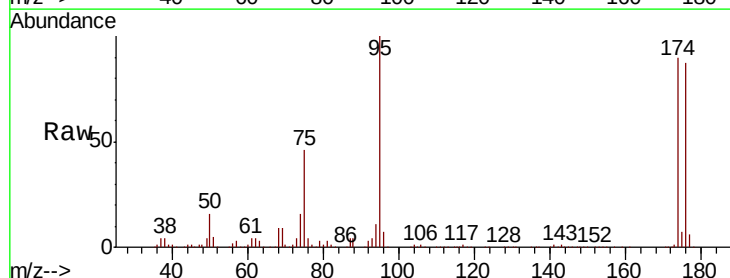
Tgt Ion: 75 Resp: 67369

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

60000

40000

20000

0

Time-->

11.10 11.20

