

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010157.D
 Acq On : 08 Jun 2019 22:33
 Operator : JC/SP
 Sample : K3249-09 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP03-20190606

Quant Time: Jun 10 08:04:42 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	5.67	168	293024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	441900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	399560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183446	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	131842	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
35) Dibromofluoromethane	5.50	113	136264	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	8.71	98	517081	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	177222	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	

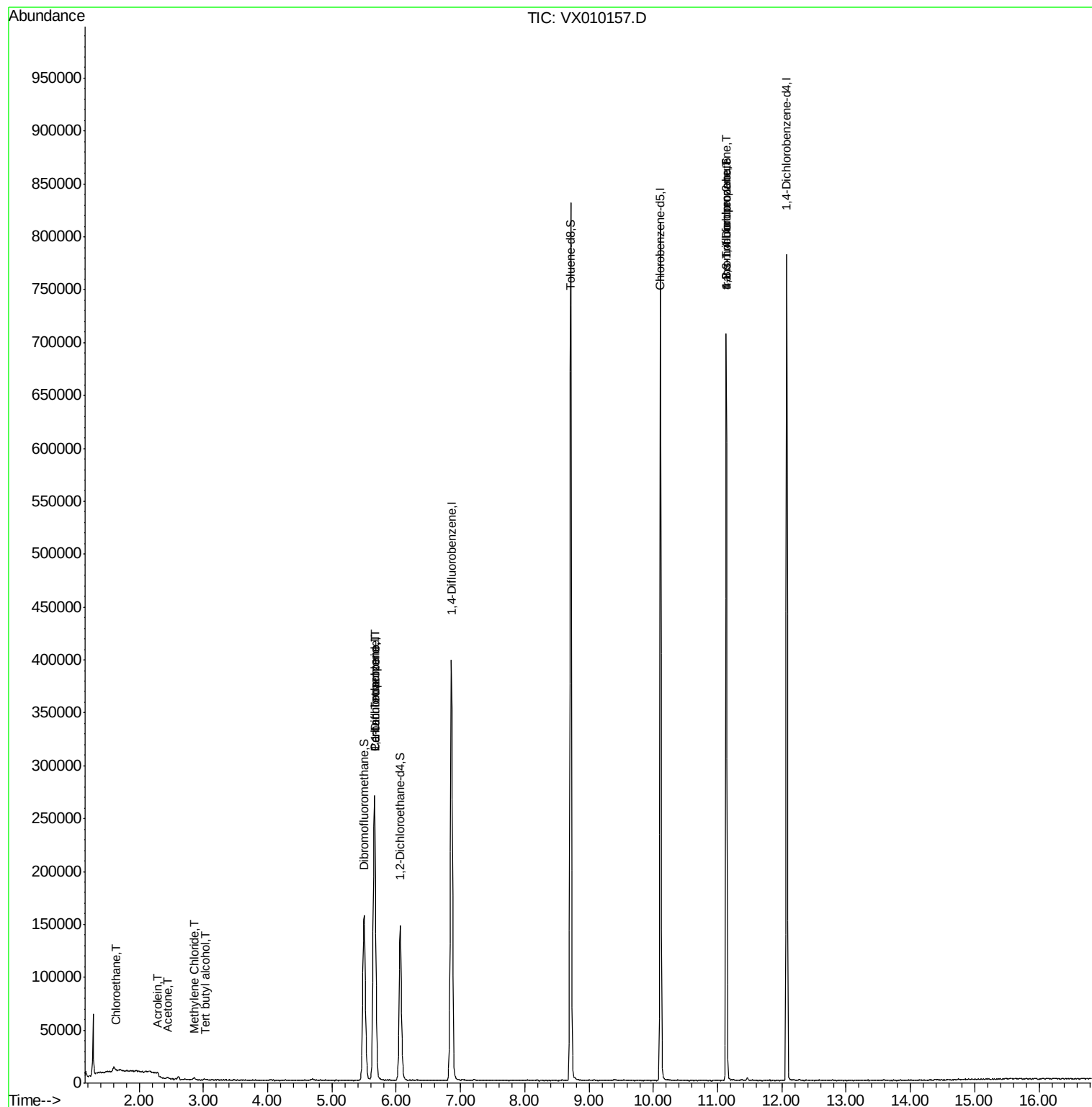
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.64	64	769	0.606	ug/l #	88
11) Tert butyl alcohol	3.03	59	788	1.125	ug/l #	86
13) Acrolein	2.28	56	395	3.092	ug/l #	61
16) Acetone	2.44	43	1071	0.796	ug/l	97
20) Methylene Chloride	2.86	84	1033	0.350	ug/l #	75
36) 1,1-Dichloropropene	5.66	75	17302	4.799	ug/l #	52
38) Carbon Tetrachloride	5.67	117	24938	6.111	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	80212	21.860	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	80212	48.299	ug/l #	10

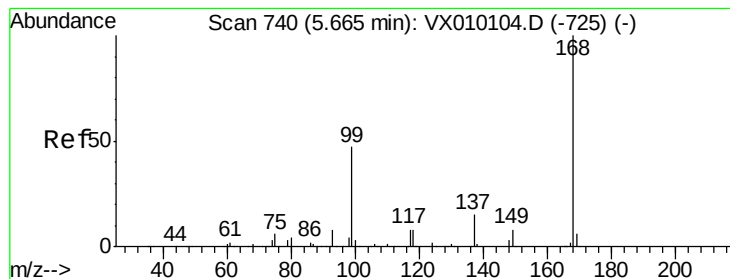
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010157.D

Acq: 08 Jun 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

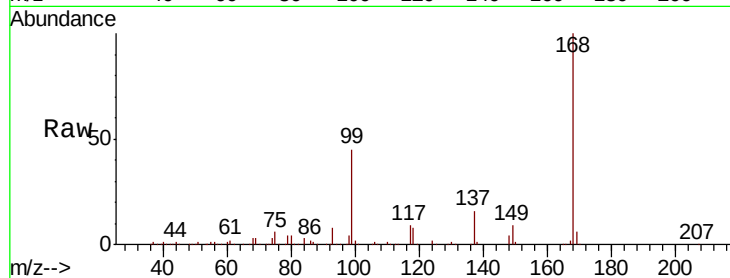
BP-DUP03-20190606

Tgt Ion: 168 Resp: 293024

Ion Ratio Lower Upper

168 100

99 45.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX010104.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX010104.D (-725) (-)

5.67

120000

100000

80000

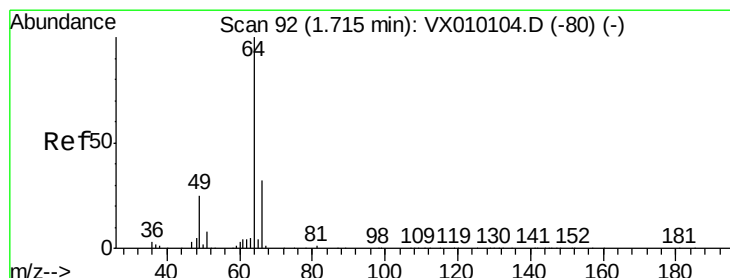
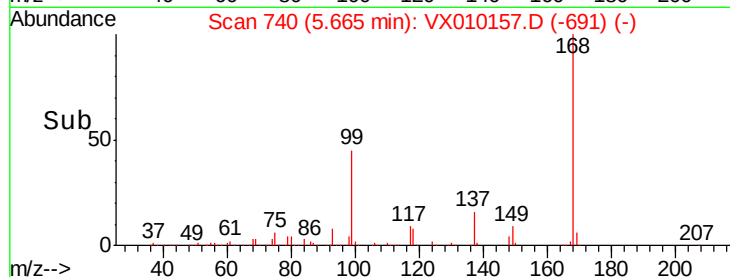
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.606 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.07 min

Lab File: VX010157.D

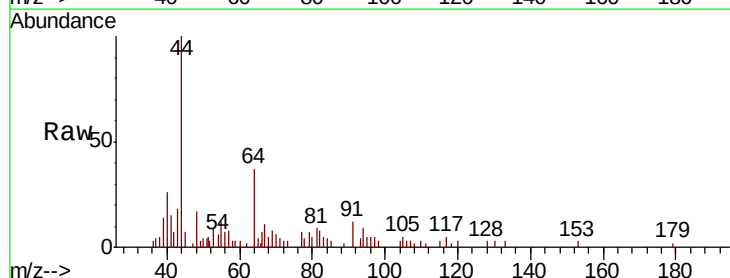
Acq: 08 Jun 2019 22:33

Tgt Ion: 64 Resp: 769

Ion Ratio Lower Upper

64 100

66 25.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX010157.D (-43) (-)

Ion 65.90 (65.60 to 66.60): VX010157.D (-43) (-)

1.64

1000

800

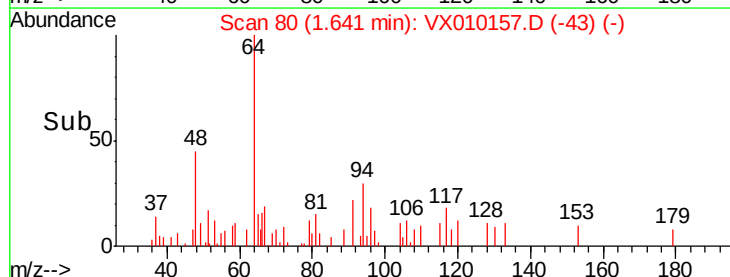
600

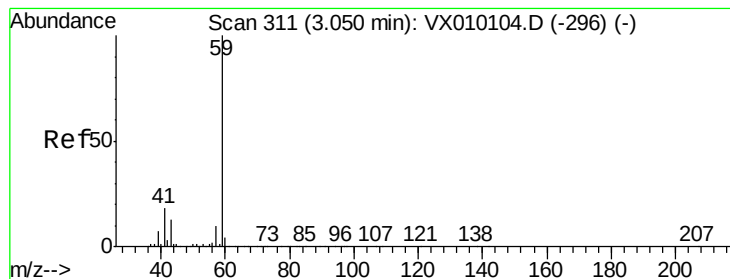
400

200

0

Time--> 1.60 1.65



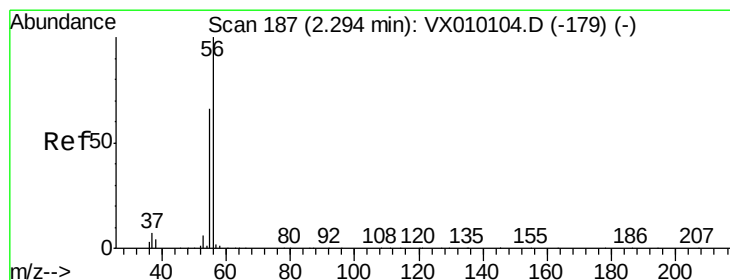
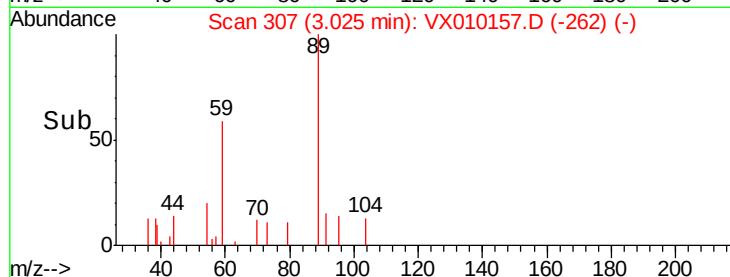
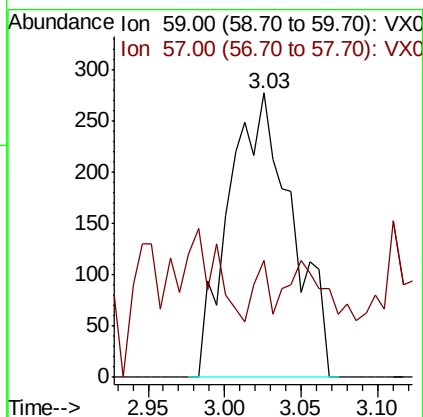
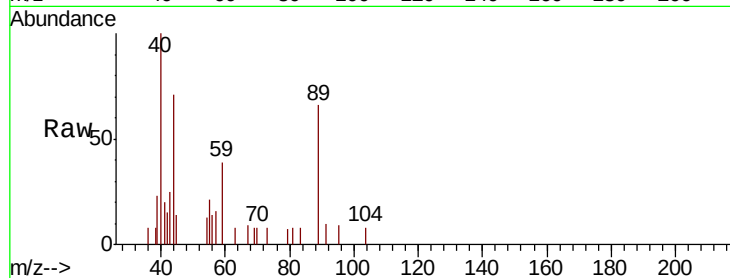


#11

Tert butyl alcohol
 Concen: 1.125 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.02 min
 Lab File: VX010157.D
 Acq: 08 Jun 2019 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP03-20190606

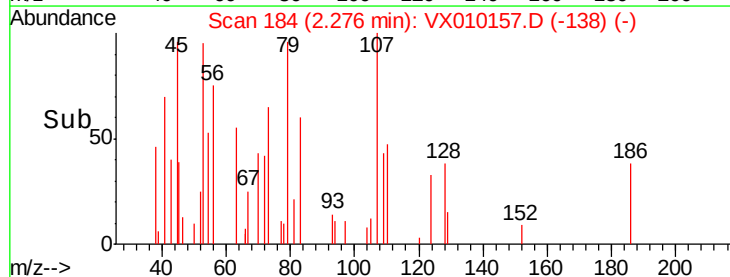
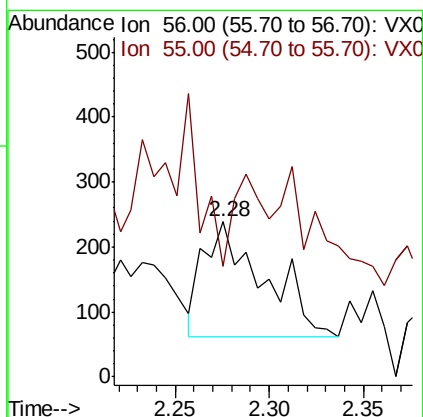
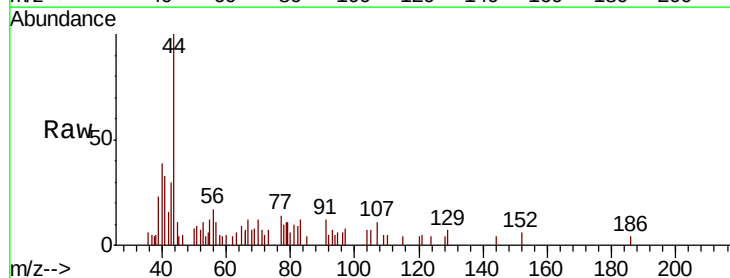
Tgt Ion: 59 Resp: 788
 Ion Ratio Lower Upper
 59 100
 57 4.8 8.2 12.2#

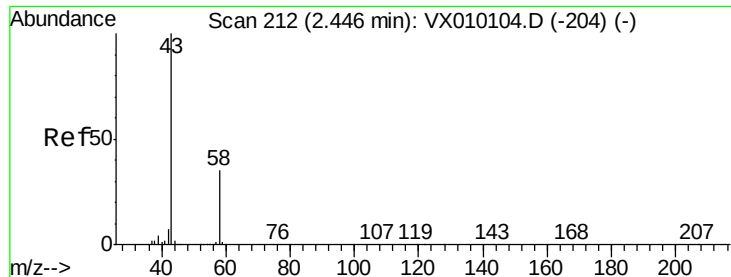


#13

Acrolein
 Concen: 3.092 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX010157.D
 Acq: 08 Jun 2019 22:33

Tgt Ion: 56 Resp: 395
 Ion Ratio Lower Upper
 56 100
 55 39.0 57.0 85.4#





#16

Acetone

Concen: 0.796 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010157.D

Acq: 08 Jun 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

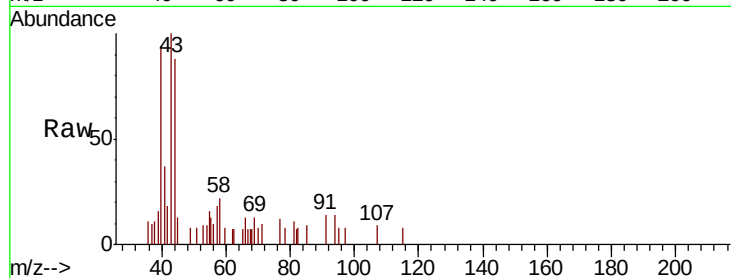
BP-DUP03-20190606

Tgt Ion: 43 Resp: 1071

Ion Ratio Lower Upper

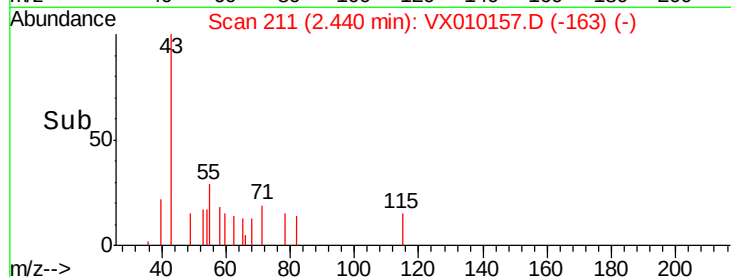
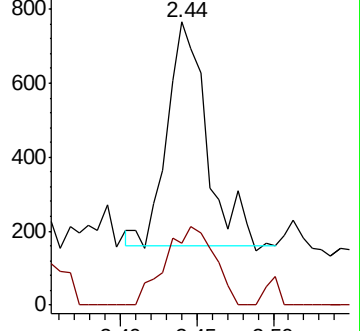
43 100

58 27.4 23.2 34.8

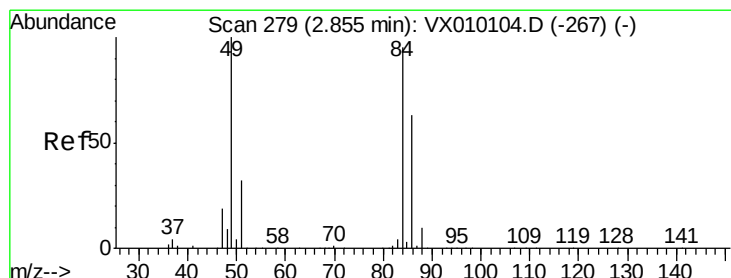


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#20

Methylene Chloride

Concen: 0.350 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX010157.D

Acq: 08 Jun 2019 22:33

Tgt Ion: 84 Resp: 1033

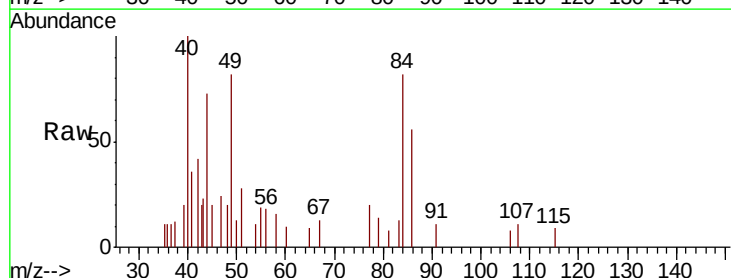
Ion Ratio Lower Upper

84 100

49 100.6 115.8 173.6#

51 34.9 34.4 51.6

86 68.2 49.7 74.5

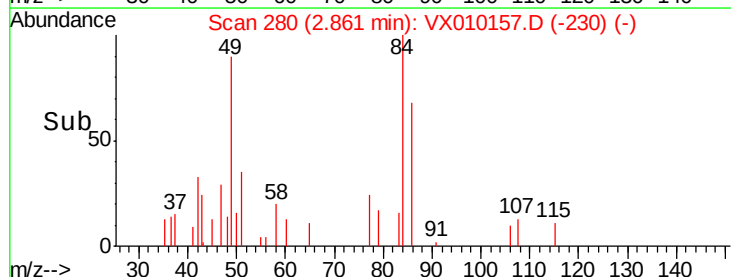
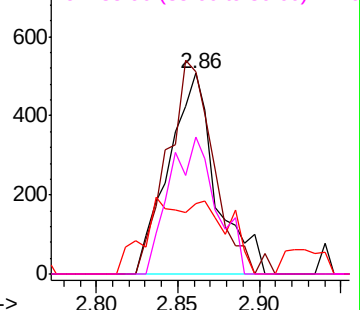


Abundance Ion 83.90 (83.60 to 84.60): VX0

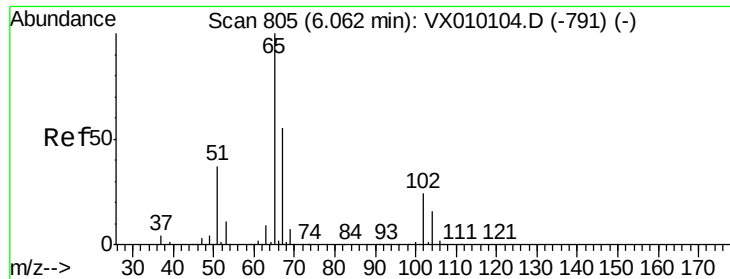
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



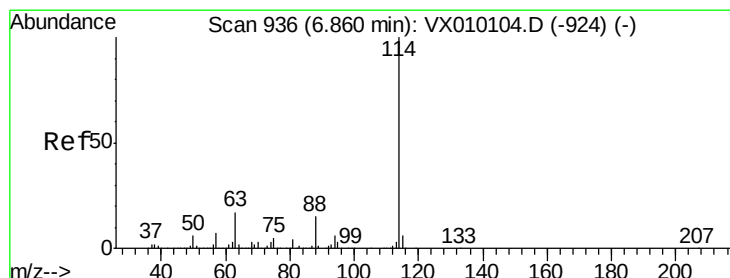
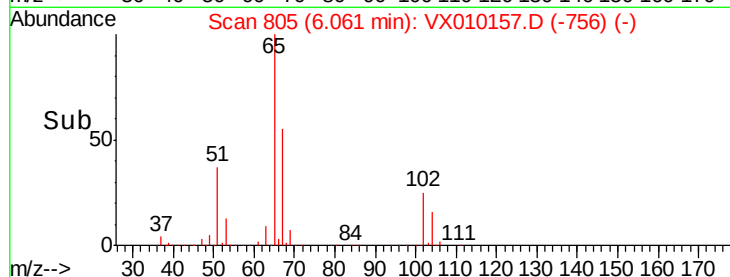
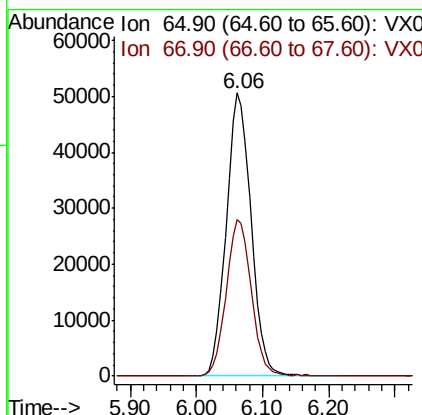
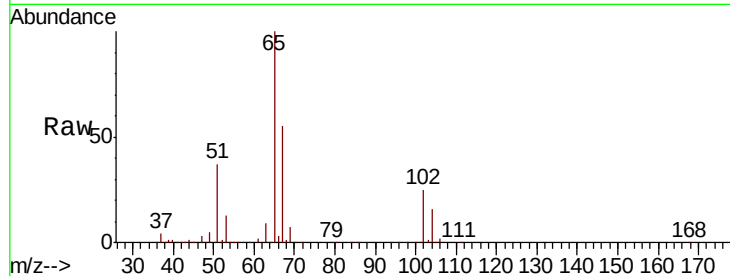
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 46.095 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010157.D
 Acq: 08 Jun 2019 22:33

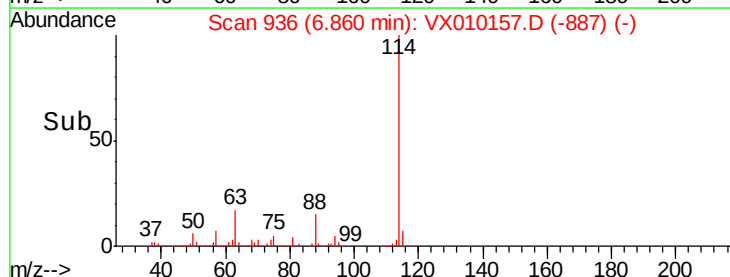
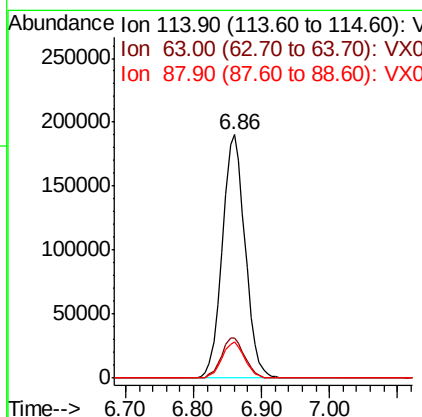
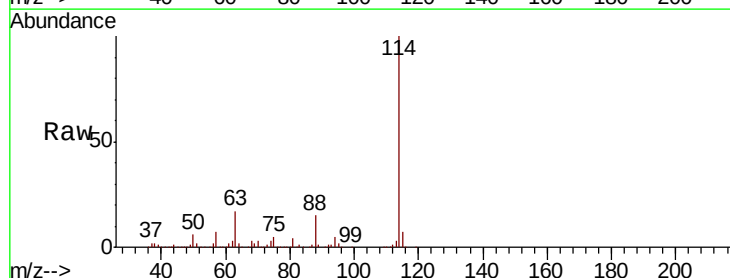
Instrument :
 MSVOA_X
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 BP-DUP03-20190606

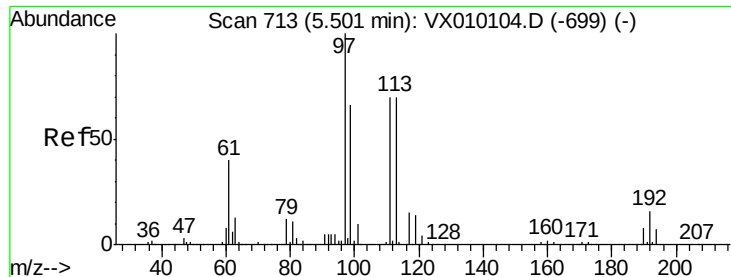
Tgt Ion: 65 Resp: 131842
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010157.D
 Acq: 08 Jun 2019 22:33

Tgt Ion: 114 Resp: 441900
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 47.4
 88 14.9 0.0 33.0

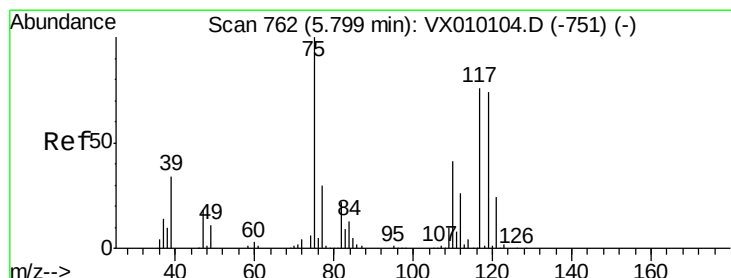
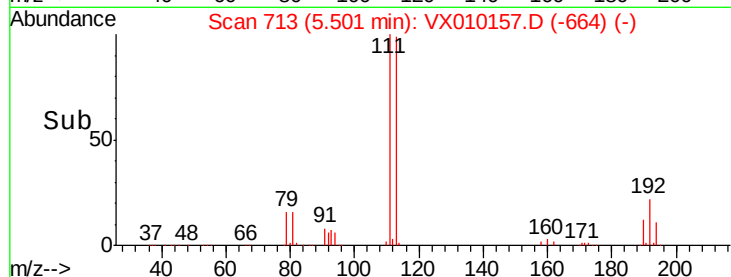
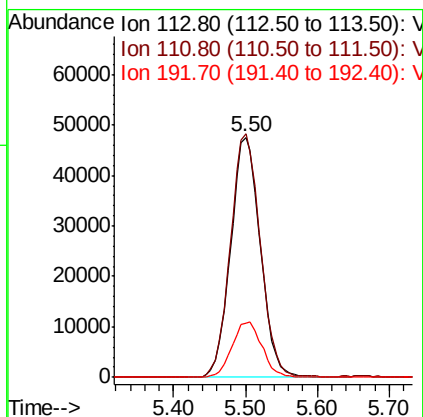
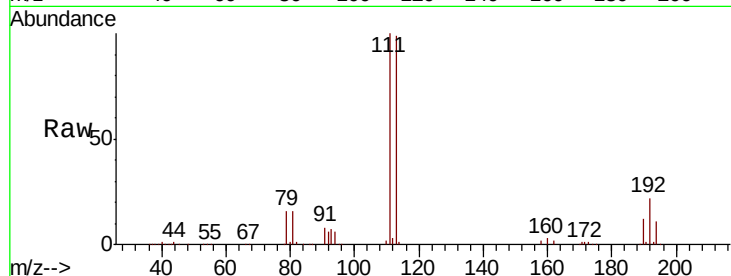




#35
 Dibromofluoromethane
 Concen: 49.991 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010157.D
 Acq: 08 Jun 2019 22:33

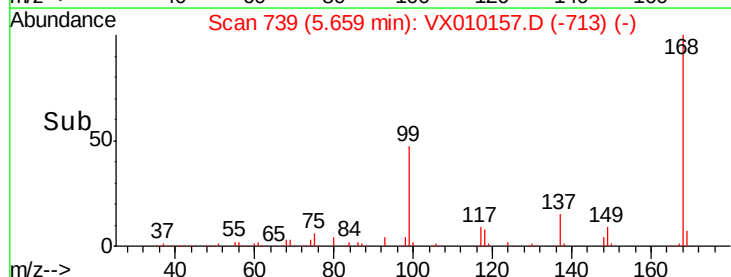
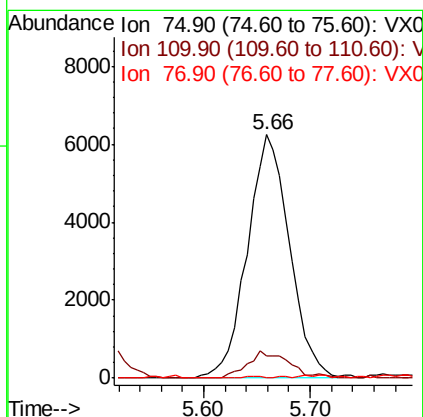
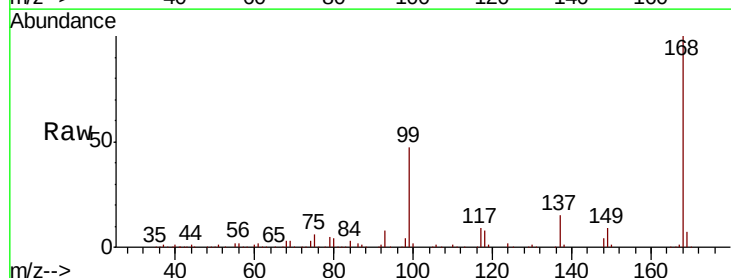
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP03-20190606

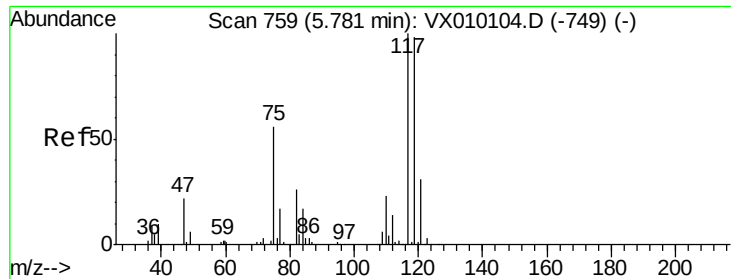
Tgt Ion: 113 Resp: 136264
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 23.2 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.799 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010157.D
 Acq: 08 Jun 2019 22:33

Tgt Ion: 75 Resp: 17302
 Ion Ratio Lower Upper
 75 100
 110 10.8 16.7 50.1#
 77 0.4 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.111 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010157.D

Acq: 08 Jun 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP03-20190606

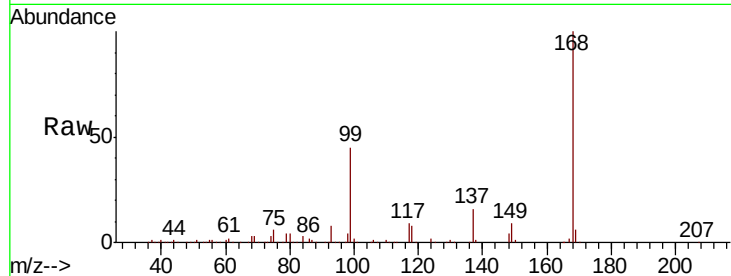
Tgt Ion:117 Resp: 24938

Ion Ratio Lower Upper

117 100

119 3.8 77.3 115.9#

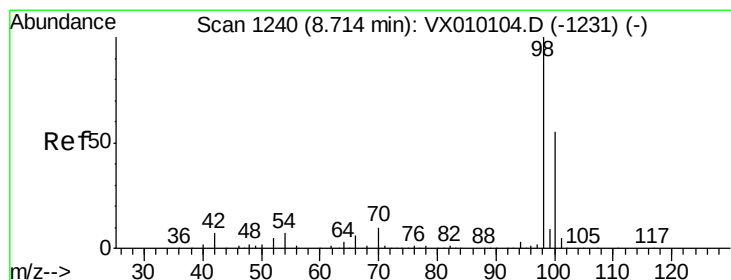
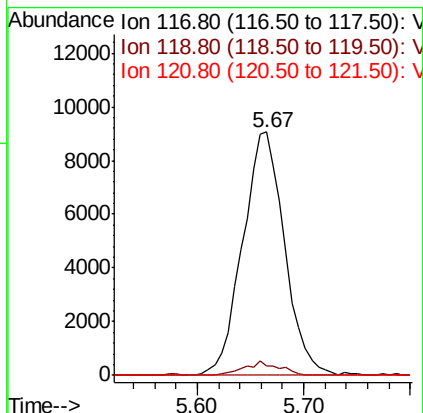
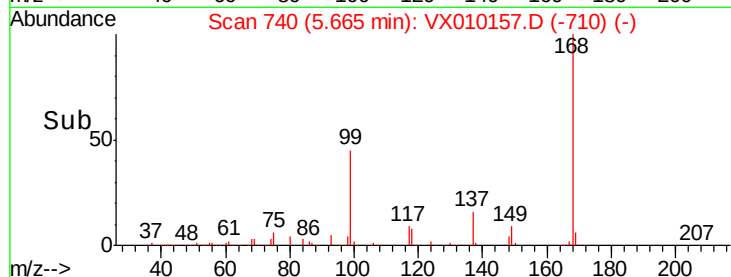
121 0.0 25.4 38.0#



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



#50

Toluene-d8

Concen: 50.617 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010157.D

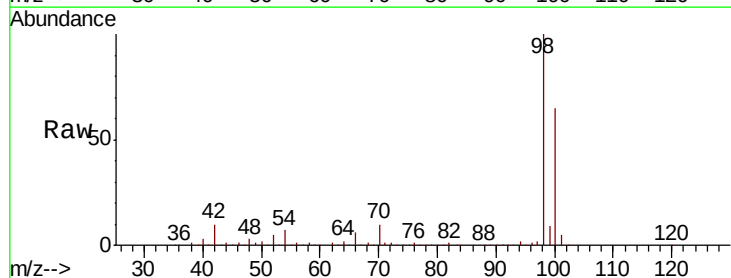
Acq: 08 Jun 2019 22:33

Tgt Ion: 98 Resp: 517081

Ion Ratio Lower Upper

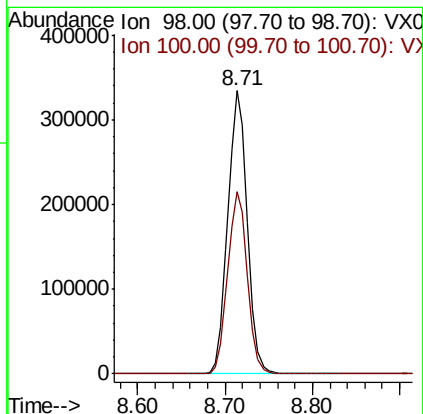
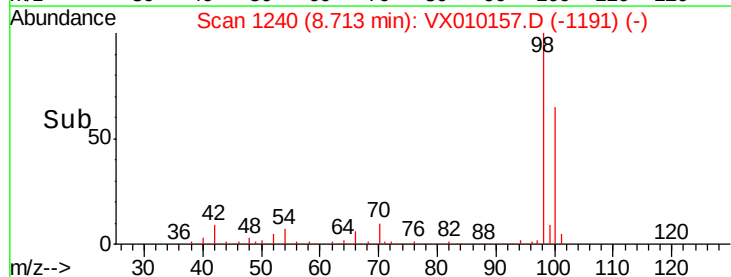
98 100

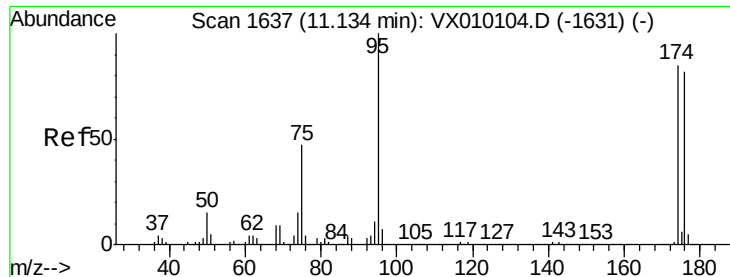
100 64.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.452 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010157.D

Acq: 08 Jun 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP03-20190606

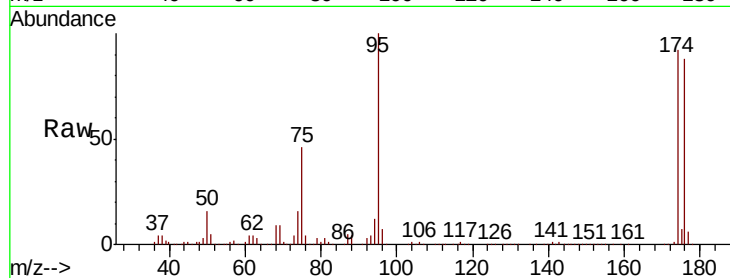
Tgt Ion: 95 Resp: 177222

Ion Ratio Lower Upper

95 100

174 94.6 0.0 160.4

176 91.1 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) (-)

11.13

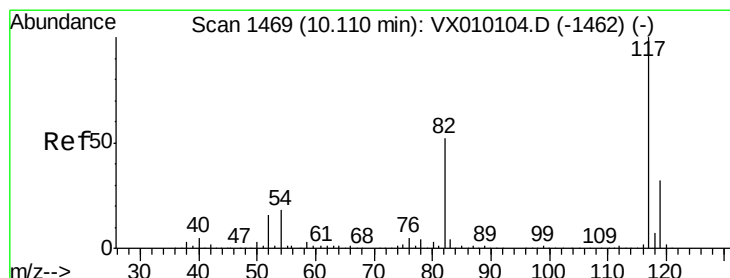
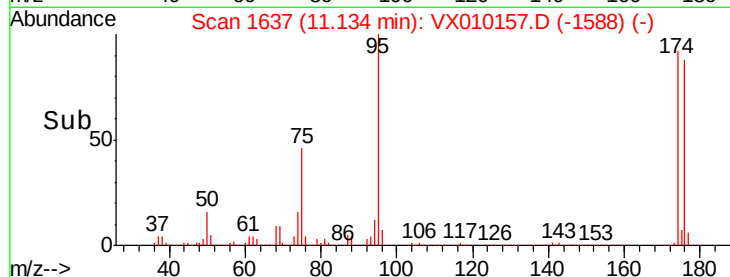
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010157.D

Acq: 08 Jun 2019 22:33

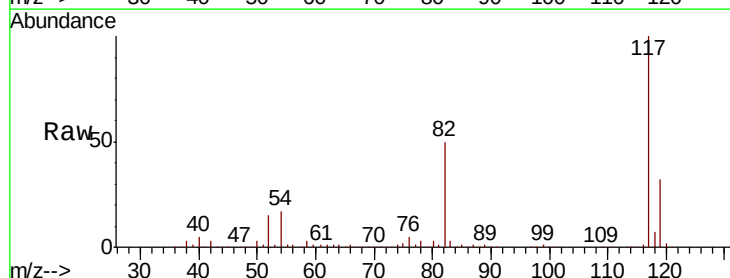
Tgt Ion: 117 Resp: 399560

Ion Ratio Lower Upper

117 100

82 50.5 49.2 73.8

119 31.7 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) (-)

10.11

400000

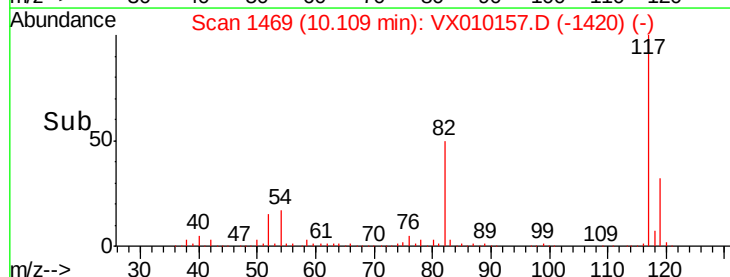
300000

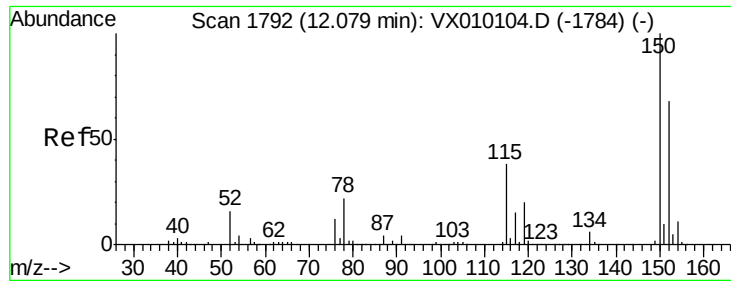
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010157.D

Acq: 08 Jun 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP03-20190606

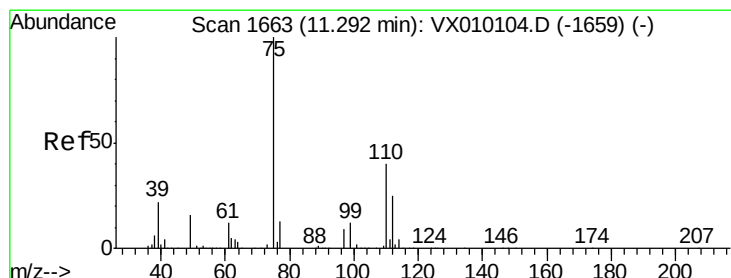
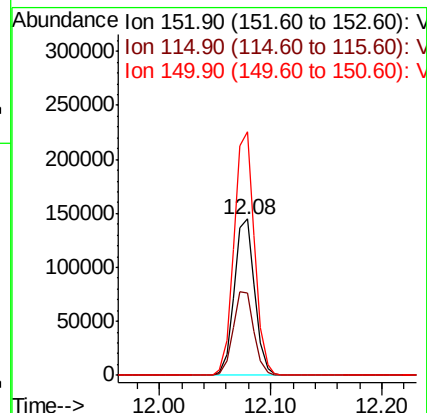
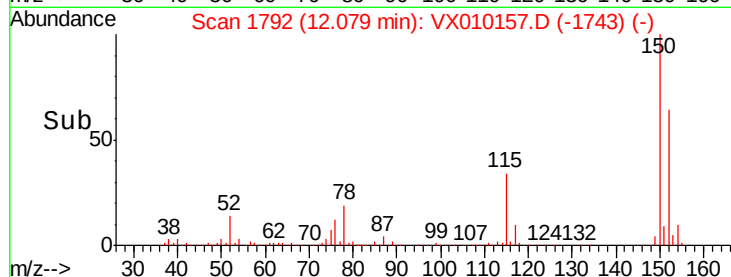
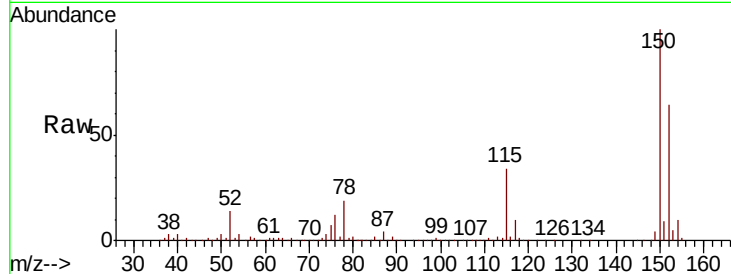
Tgt Ion:152 Resp: 183446

Ion Ratio Lower Upper

152 100

115 54.4 41.4 124.2

150 156.0 0.0 345.2



#76

1,2,3-Trichloropropane

Concen: 21.860 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010157.D

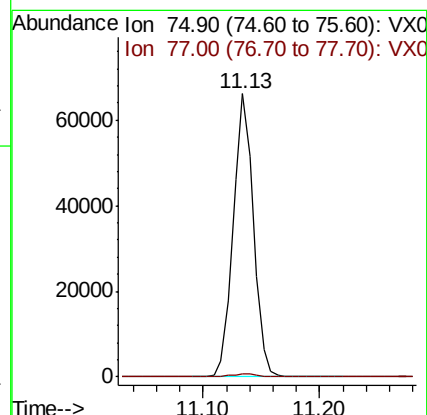
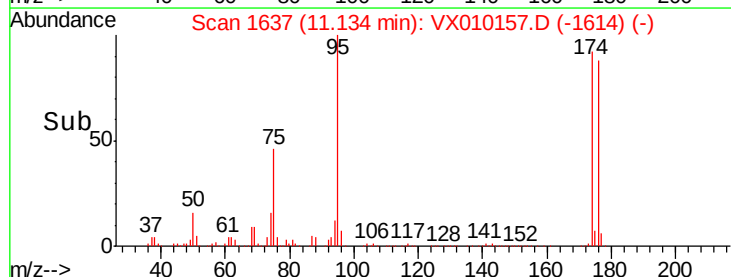
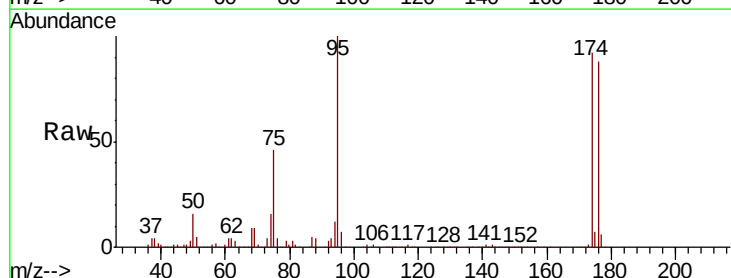
Acq: 08 Jun 2019 22:33

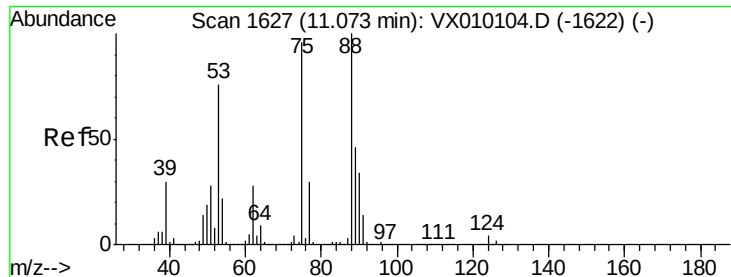
Tgt Ion: 75 Resp: 80212

Ion Ratio Lower Upper

75 100

77 1.3 22.1 66.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 48.299 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010157.D

Acq: 08 Jun 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP03-20190606

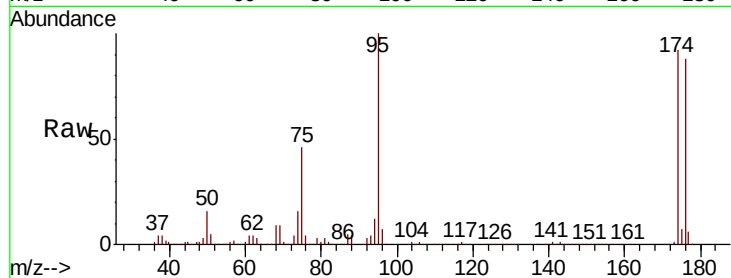
Tgt Ion: 75 Resp: 80212

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 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

