

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010141.D
 Acq On : 08 Jun 2019 16:20
 Operator : JC/SP
 Sample : K3249-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB03-20190605

Quant Time: Jun 10 08:00:41 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	308319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	466726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	420093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195857	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	137657	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
35) Dibromofluoromethane	5.50	113	143856	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	8.71	98	542762	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	190323	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	

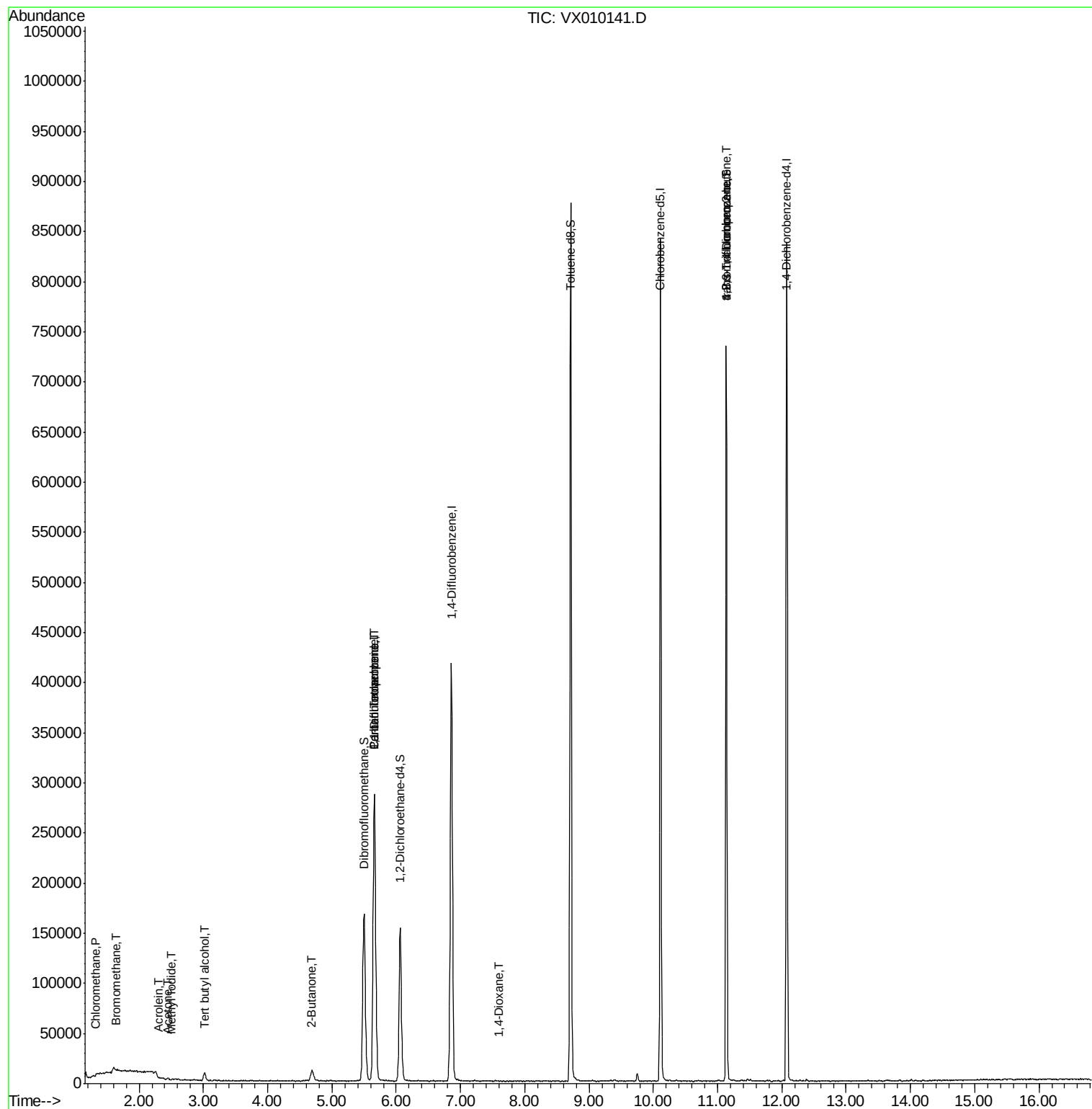
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	712	0.253	ug/l #	64
5) Bromomethane	1.65	94	257	0.257	ug/l	96
10) Methyl Iodide	2.51	142	1054	0.251	ug/l #	92
11) Tert butyl alcohol	3.02	59	4419	5.994	ug/l #	80
13) Acrolein	2.30	56	29	0.216	ug/l #	1
16) Acetone	2.44	43	660	0.466	ug/l	93
25) 2-Butanone	4.68	43	659	0.313	ug/l #	54
36) 1,1-Dichloropropene	5.67	75	18215	4.784	ug/l #	52
38) Carbon Tetrachloride	5.67	117	26196	6.078	ug/l #	15
49) 1,4-Dioxane	7.60	88	20	0.226	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	86148	21.990	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	86148	48.586	ug/l #	10

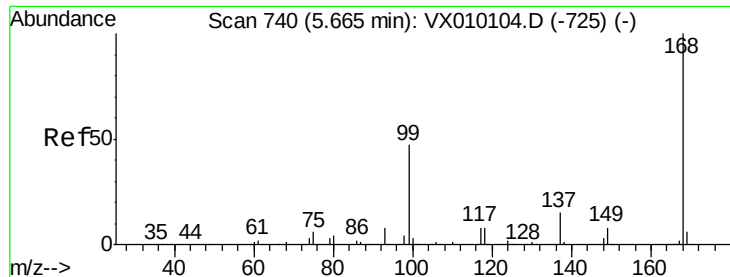
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
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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: VX010141.D

Acq: 08 Jun 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

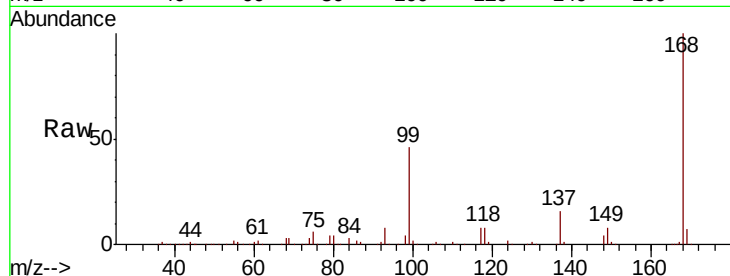
BP-TB03-20190605

Tgt Ion:168 Resp: 308319

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

120000

100000

80000

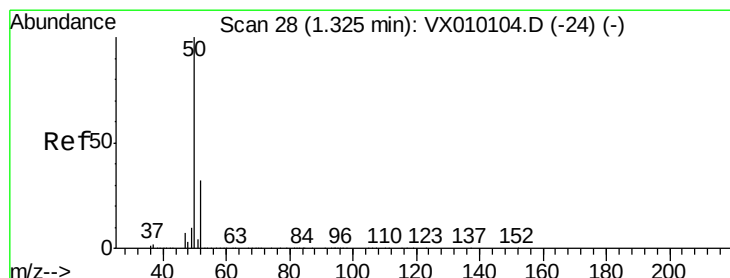
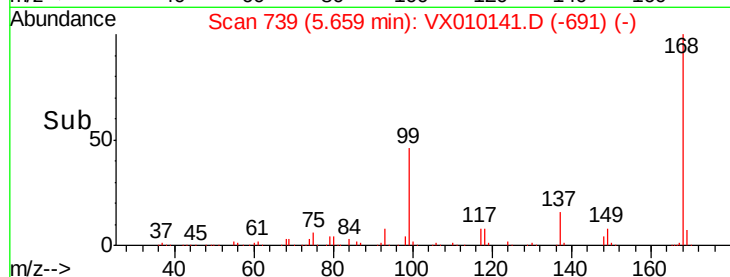
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.253 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010141.D

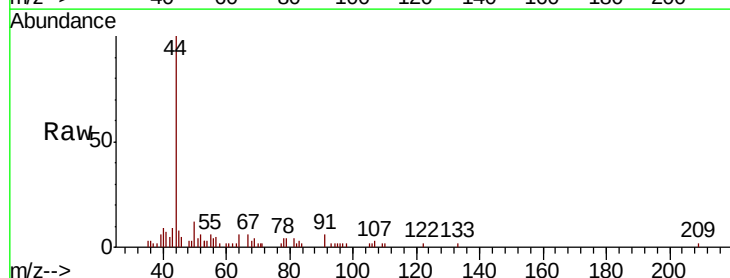
Acq: 08 Jun 2019 16:20

Tgt Ion: 50 Resp: 712

Ion Ratio Lower Upper

50 100

52 53.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

400

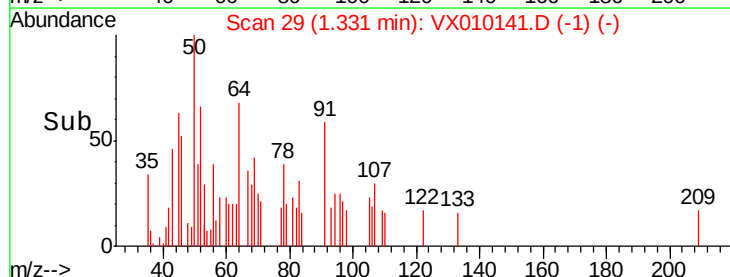
300

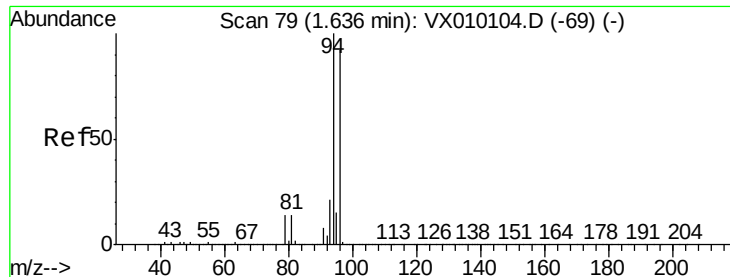
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.257 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010141.D

Acq: 08 Jun 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

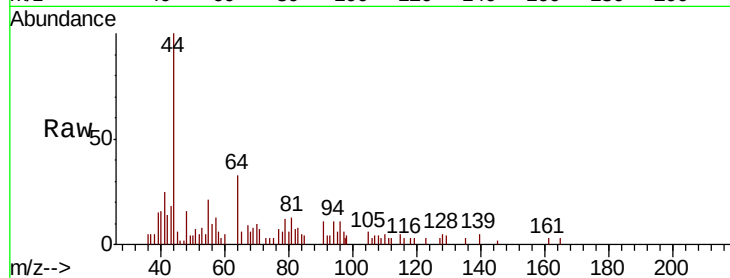
BP-TB03-20190605

Tgt Ion: 94 Resp: 257

Ion Ratio Lower Upper

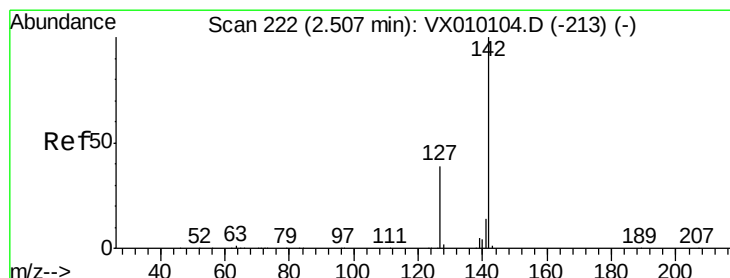
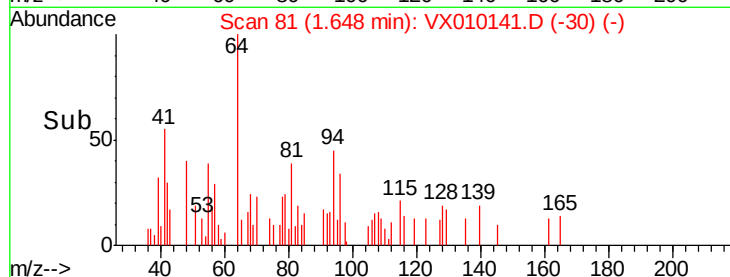
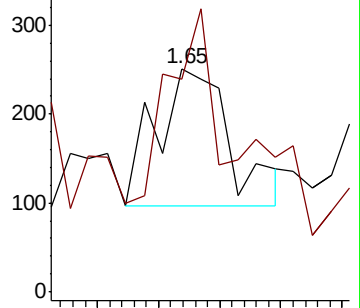
94 100

96 91.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 0.251 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010141.D

Acq: 08 Jun 2019 16:20

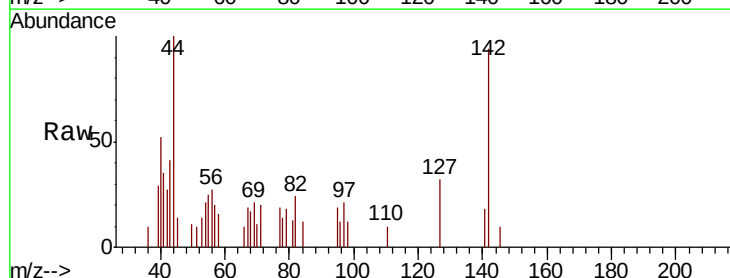
Tgt Ion: 142 Resp: 1054

Ion Ratio Lower Upper

142 100

127 36.3 33.0 49.4

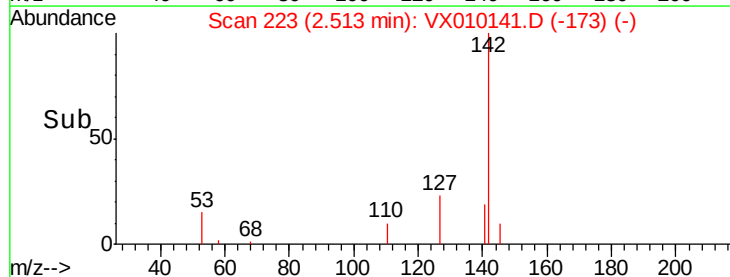
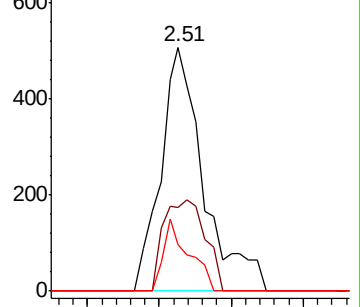
141 17.6 11.4 17.0#

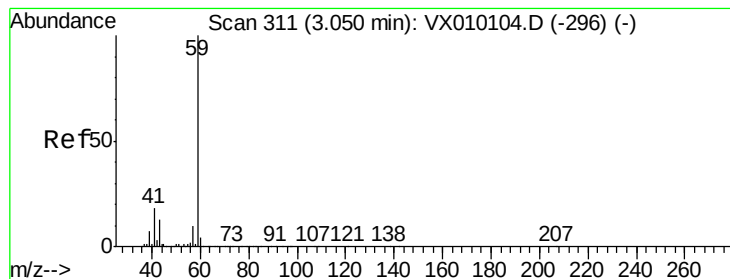


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



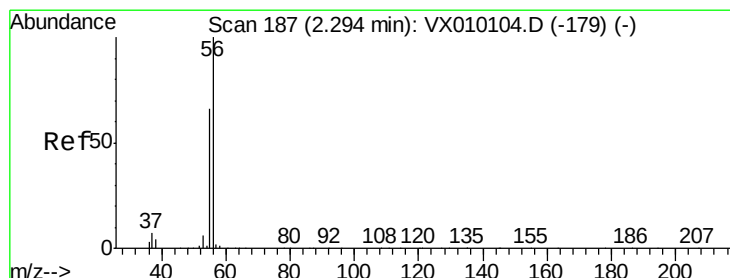
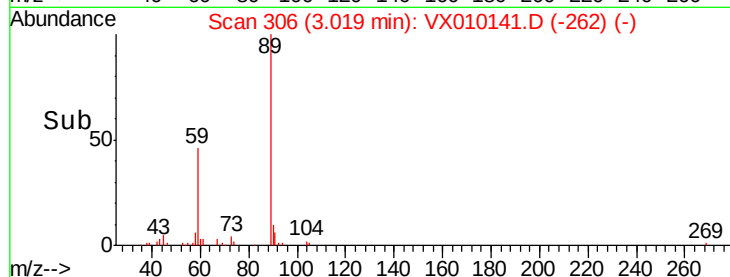
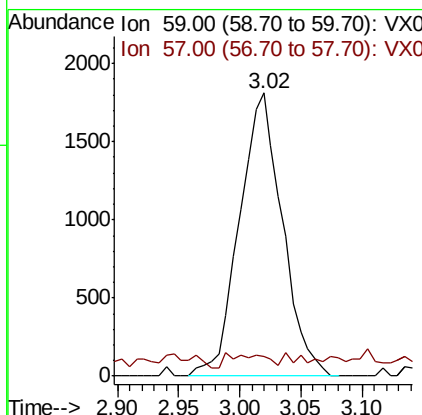
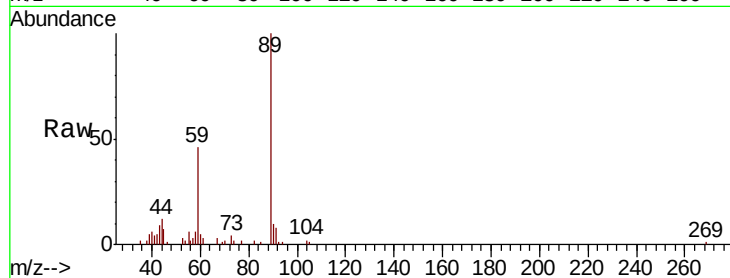


#11

Tert butyl alcohol
 Concen: 5.994 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010141.D
 Acq: 08 Jun 2019 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB03-20190605

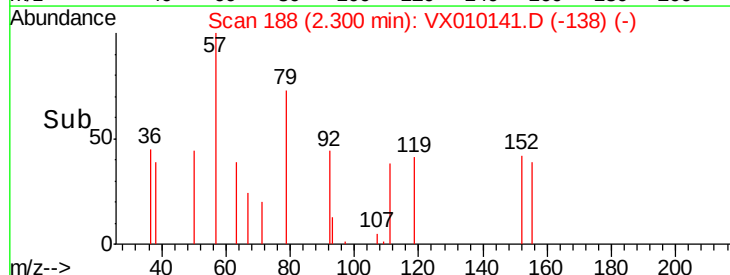
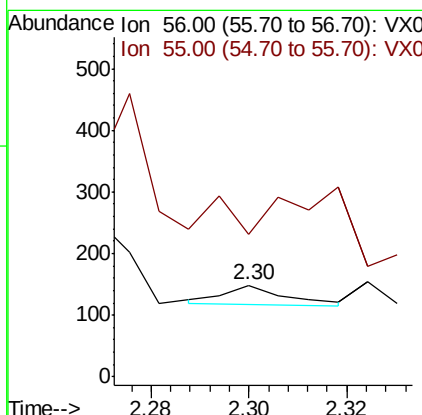
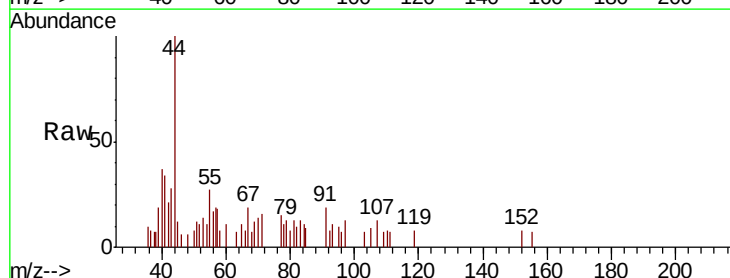
Tgt Ion: 59 Resp: 4419
 Ion Ratio Lower Upper
 59 100
 57 2.6 8.2 12.2#

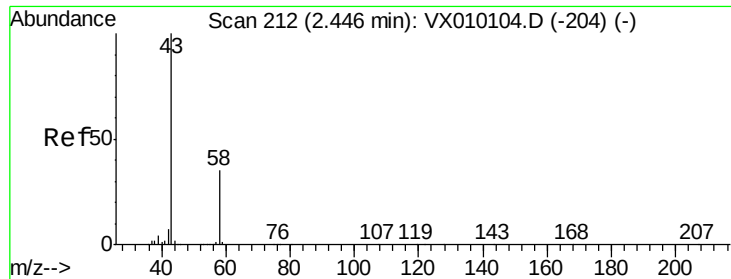


#13

Acrolein
 Concen: 0.216 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX010141.D
 Acq: 08 Jun 2019 16:20

Tgt Ion: 56 Resp: 29
 Ion Ratio Lower Upper
 56 100
 55 331.0 57.0 85.4#





#16

Acetone

Concen: 0.466 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010141.D

Acq: 08 Jun 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

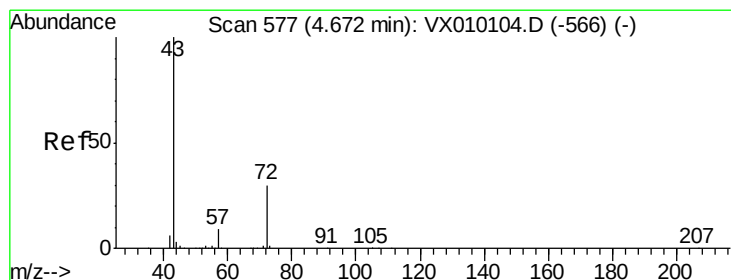
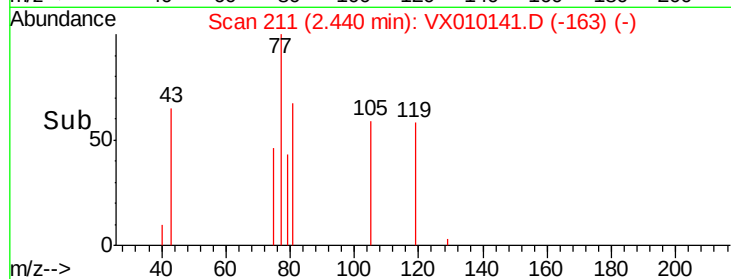
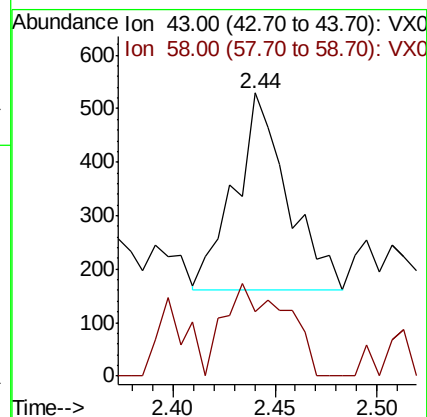
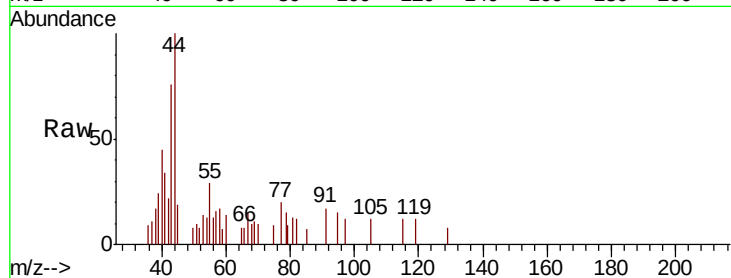
BP-TB03-20190605

Tgt Ion: 43 Resp: 660

Ion Ratio Lower Upper

43 100

58 32.7 23.2 34.8



#25

2-Butanone

Concen: 0.313 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010141.D

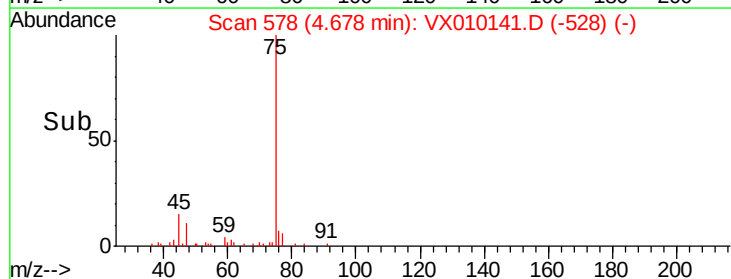
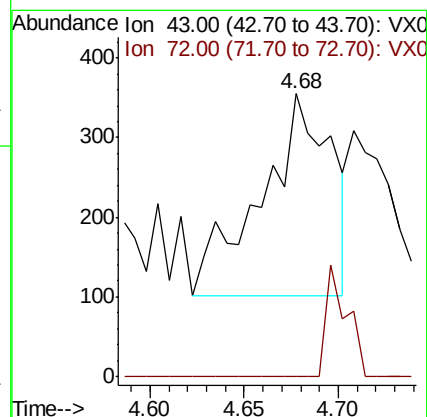
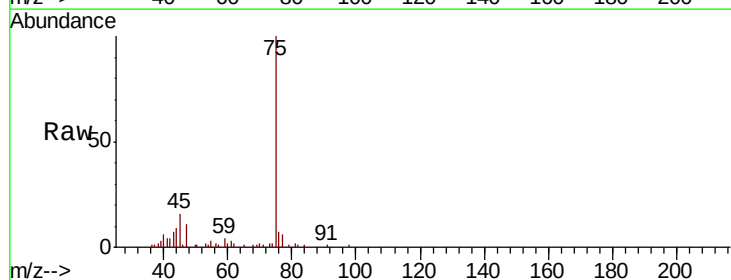
Acq: 08 Jun 2019 16:20

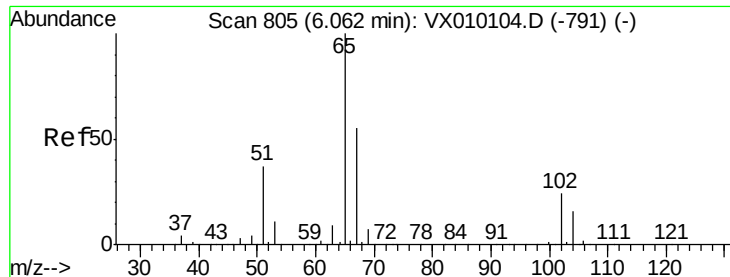
Tgt Ion: 43 Resp: 659

Ion Ratio Lower Upper

43 100

72 0.0 17.5 26.3#

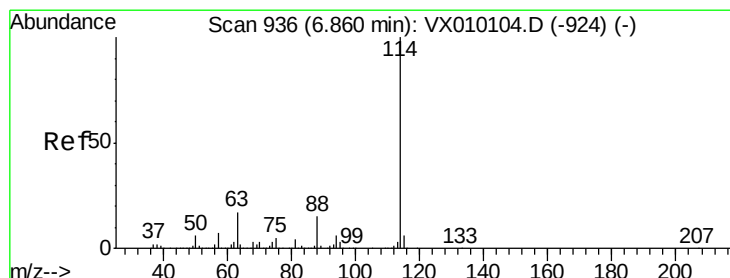
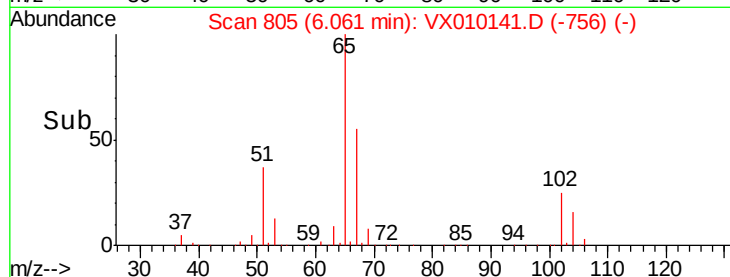
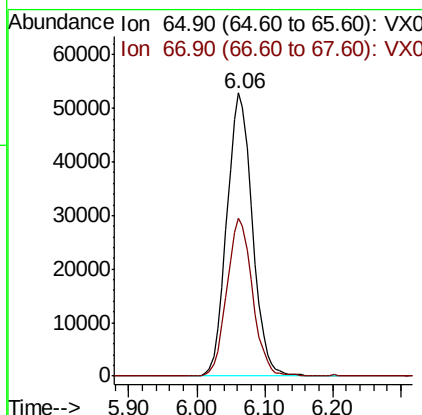
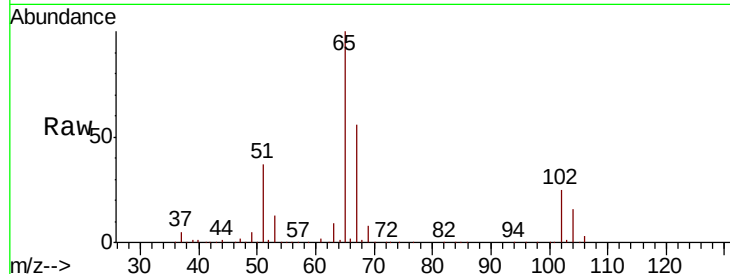




#33
 1,2-Dichloroethane-d4
 Concen: 45.740 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010141.D
 Acq: 08 Jun 2019 16:20

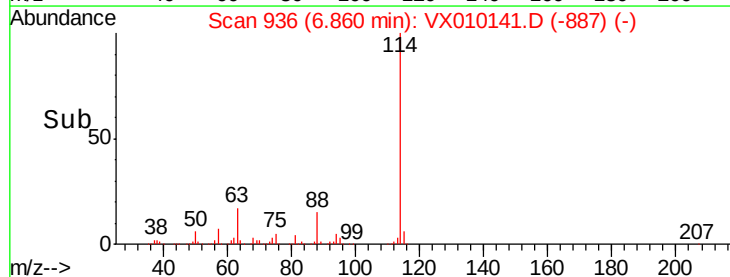
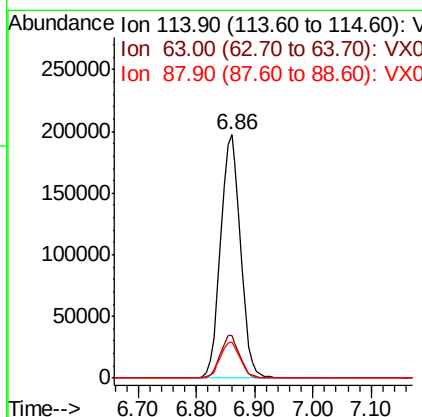
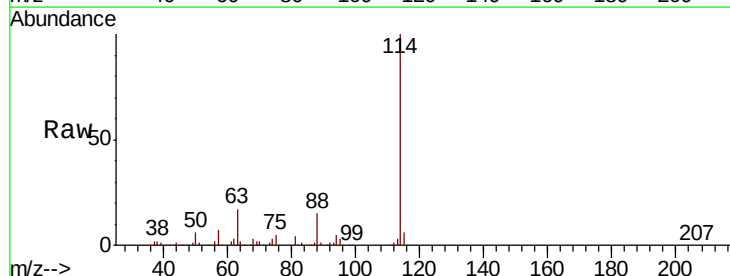
Instrument :
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 BP-TB03-20190605

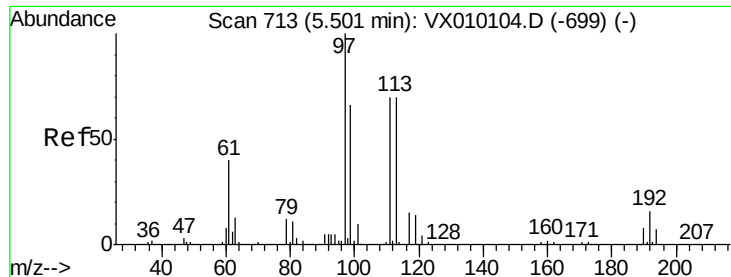
Tgt Ion: 65 Resp: 137657
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010141.D
 Acq: 08 Jun 2019 16:20

Tgt Ion: 114 Resp: 466726
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 47.4
 88 15.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.970 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010141.D

Acq: 08 Jun 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

BP-TB03-20190605

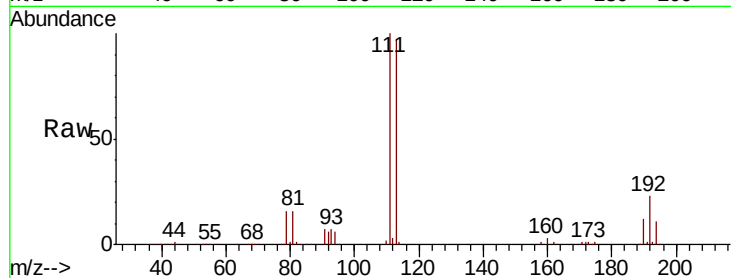
Tgt Ion:113 Resp: 143856

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

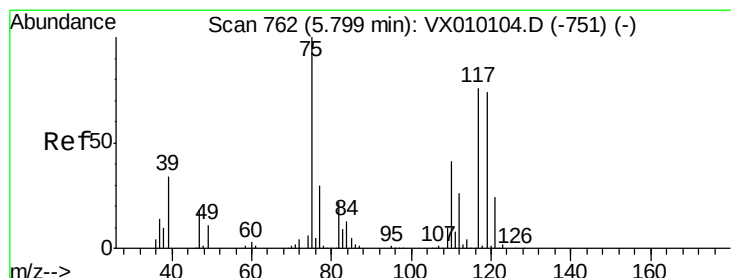
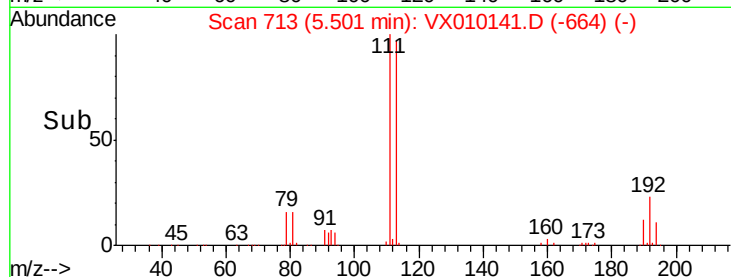
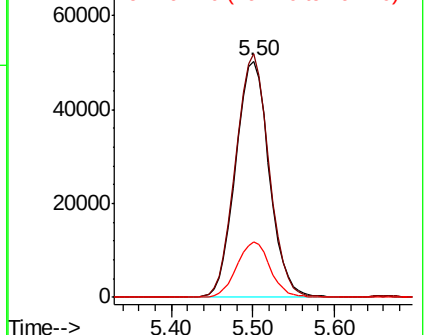
192 23.1 17.1 25.7



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



#36

1,1-Dichloropropene

Concen: 4.784 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010141.D

Acq: 08 Jun 2019 16:20

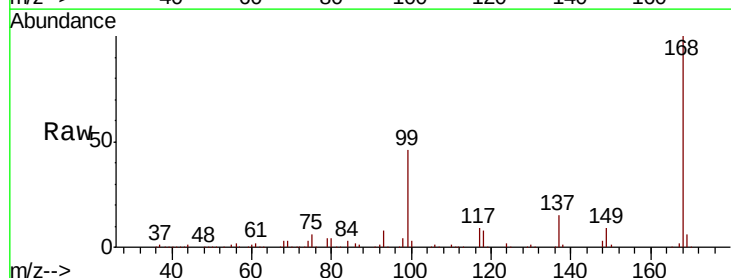
Tgt Ion: 75 Resp: 18215

Ion Ratio Lower Upper

75 100

110 10.1 16.7 50.1#

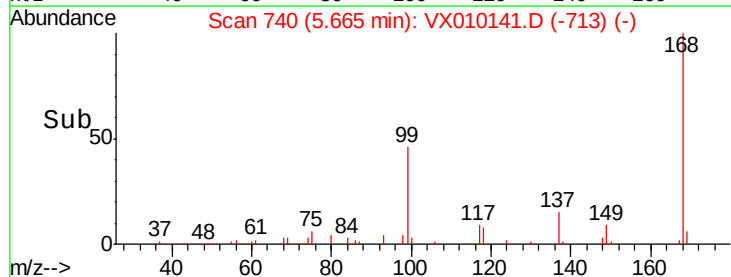
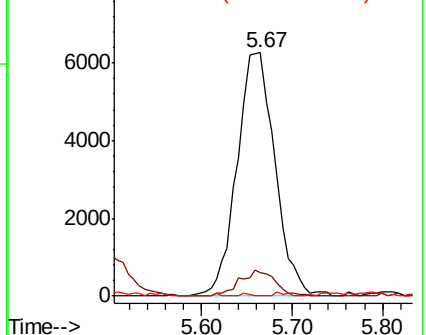
77 0.3 25.0 37.4#

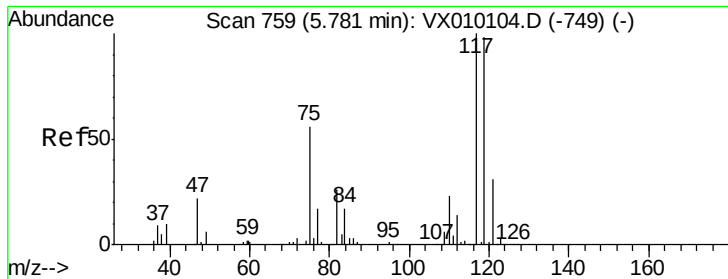


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.078 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010141.D

Acq: 08 Jun 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

BP-TB03-20190605

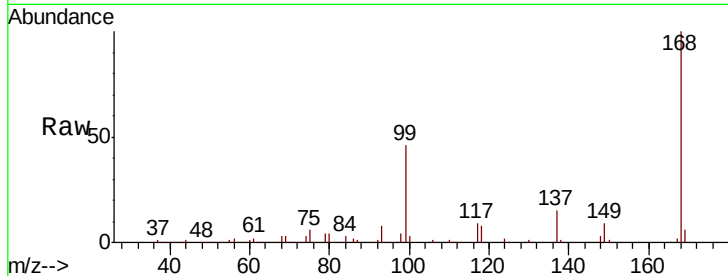
Tgt Ion:117 Resp: 26196

Ion Ratio Lower Upper

117 100

119 4.7 77.3 115.9#

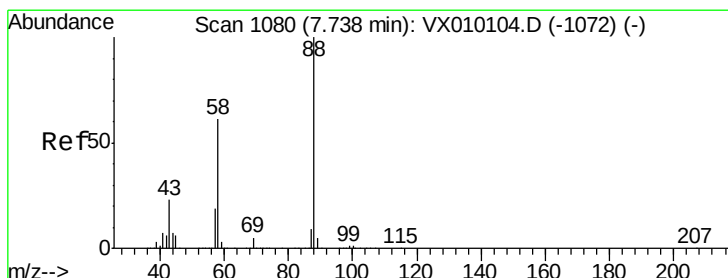
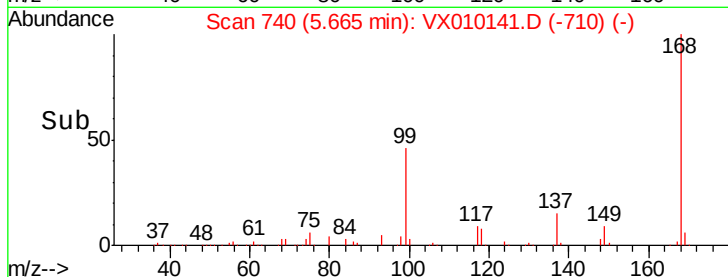
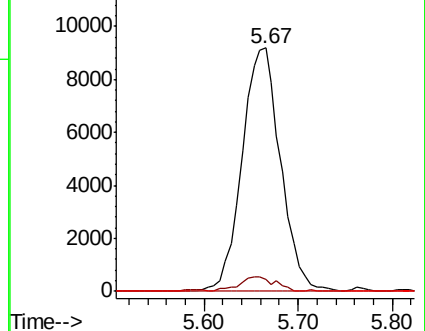
121 0.0 25.4 38.0#



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



#49

1,4-Dioxane

Concen: 0.226 ug/l

RT: 7.60 min Scan# 1057

Delta R.T. -0.14 min

Lab File: VX010141.D

Acq: 08 Jun 2019 16:20

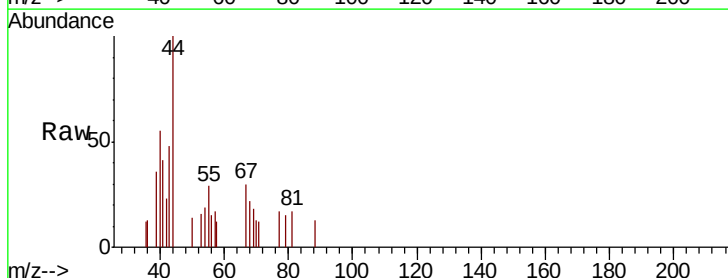
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 690.0 30.2 45.4#

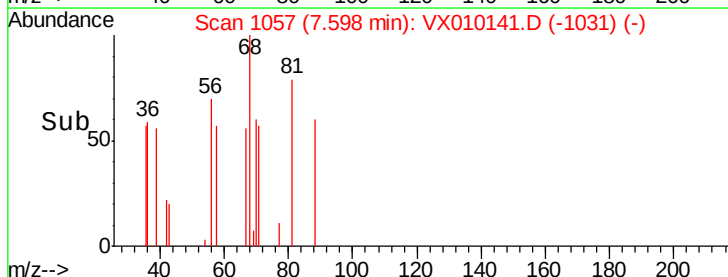
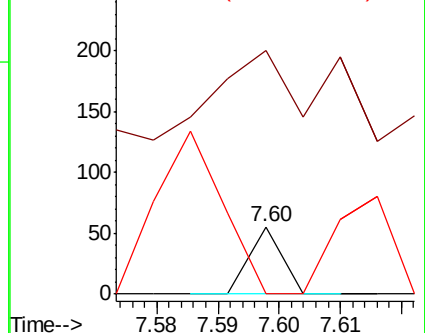
58 505.0 64.0 96.0#

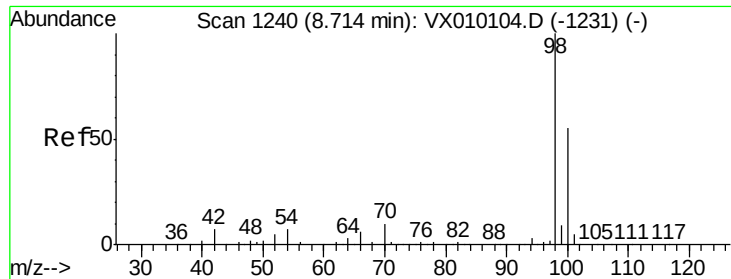


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.304 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010141.D

Acq: 08 Jun 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

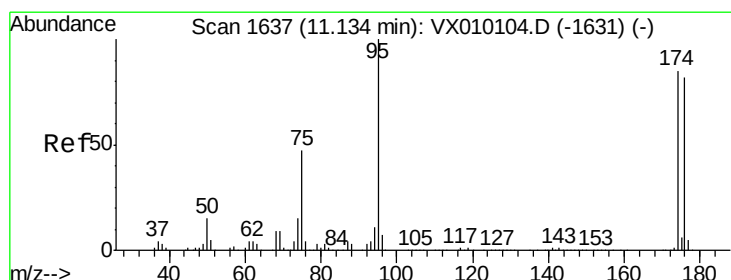
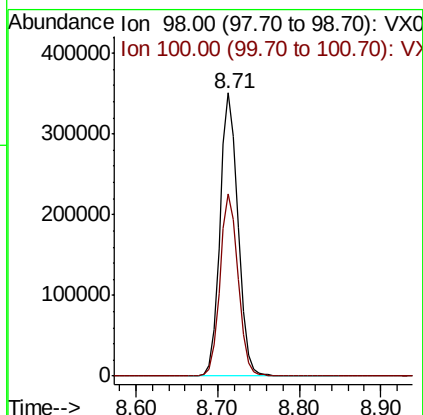
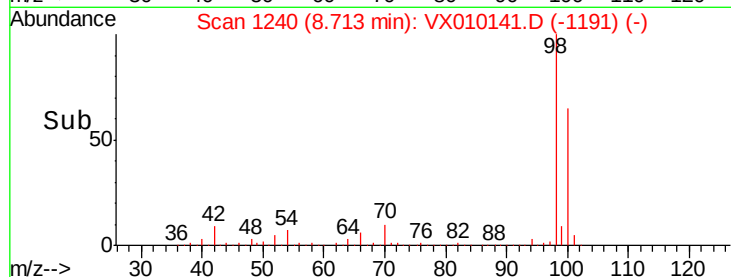
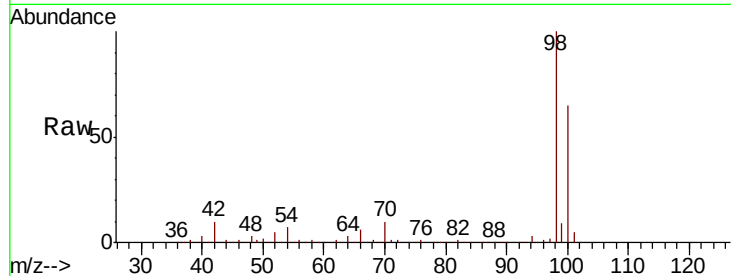
BP-TB03-20190605

Tgt Ion: 98 Resp: 542762

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.233 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010141.D

Acq: 08 Jun 2019 16:20

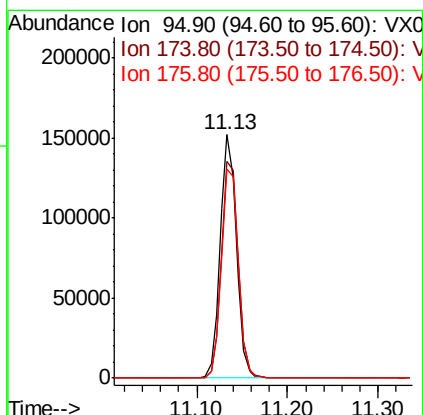
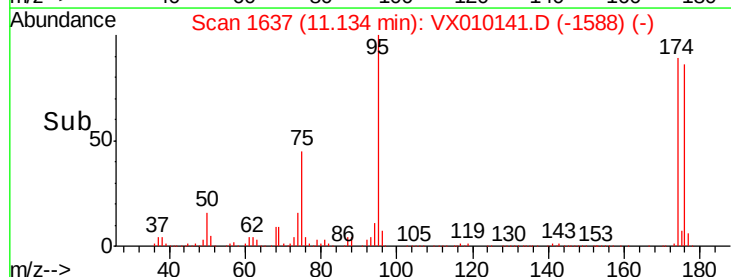
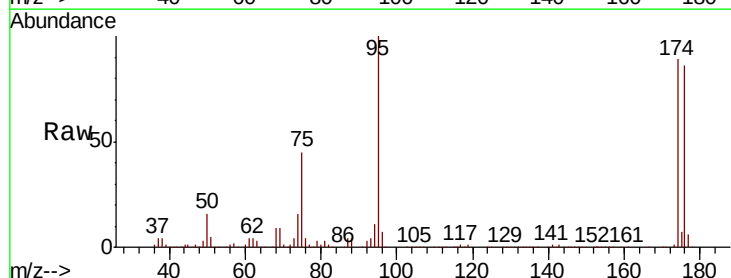
Tgt Ion: 95 Resp: 190323

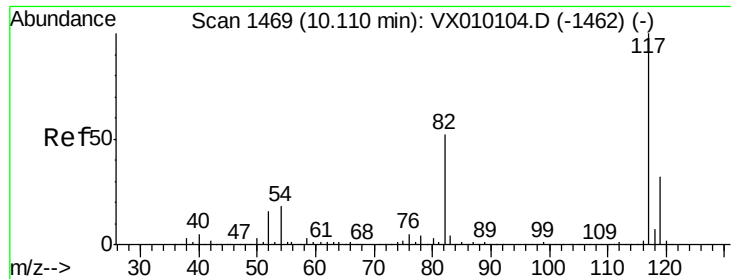
Ion Ratio Lower Upper

95 100

174 92.1 0.0 160.4

176 89.7 0.0 154.6

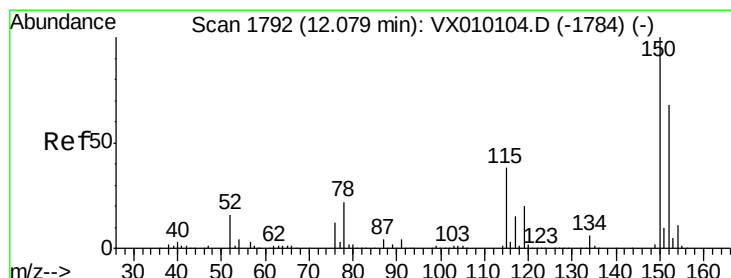
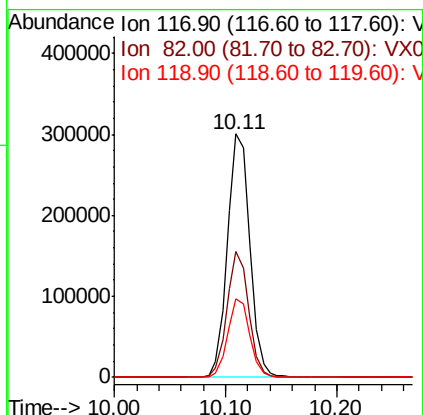
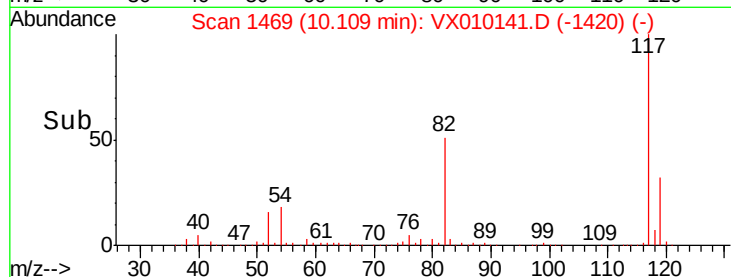
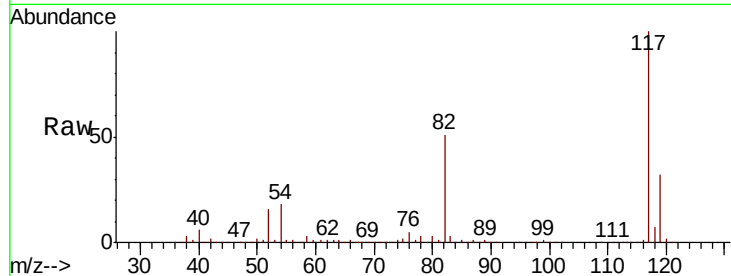




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010141.D
Acq: 08 Jun 2019 16:20

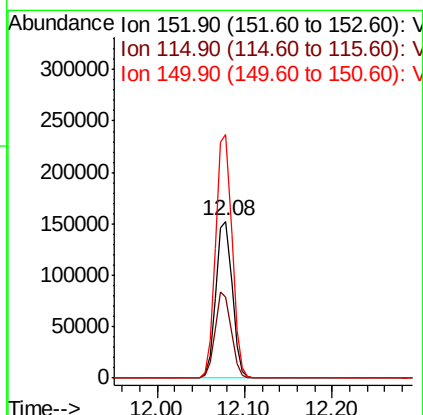
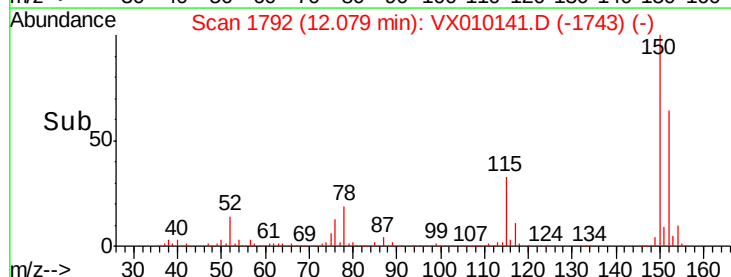
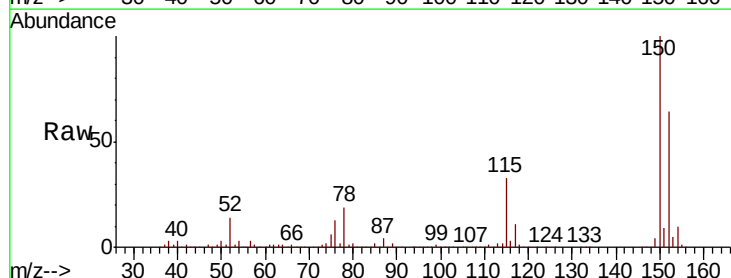
Instrument :
MSVOA_X
ClientSampleId :
BP-TB03-20190605

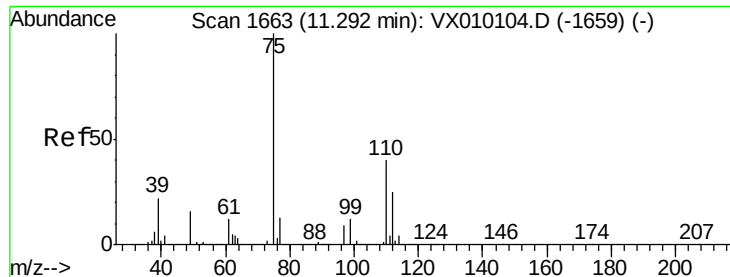
Tgt Ion:117 Resp: 420093
Ion Ratio Lower Upper
117 100
82 51.5 49.2 73.8
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010141.D
Acq: 08 Jun 2019 16:20

Tgt Ion:152 Resp: 195857
Ion Ratio Lower Upper
152 100
115 54.1 41.4 124.2
150 156.2 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 21.990 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010141.D

Acq: 08 Jun 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

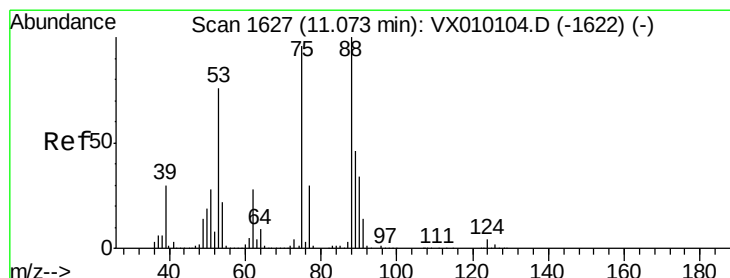
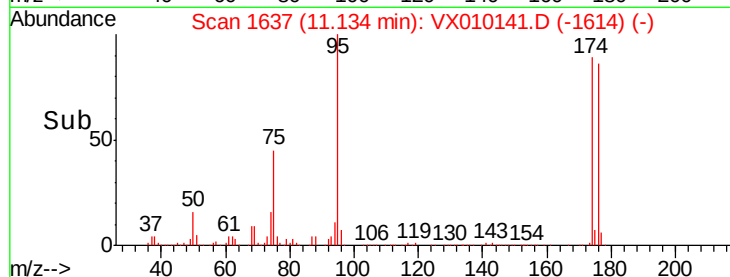
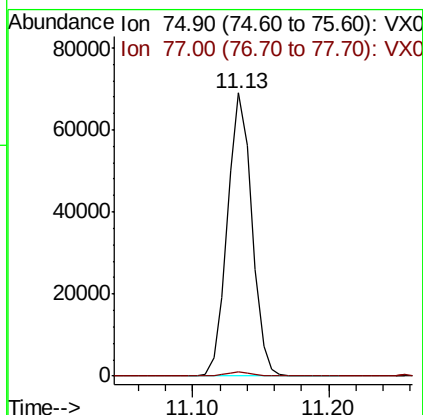
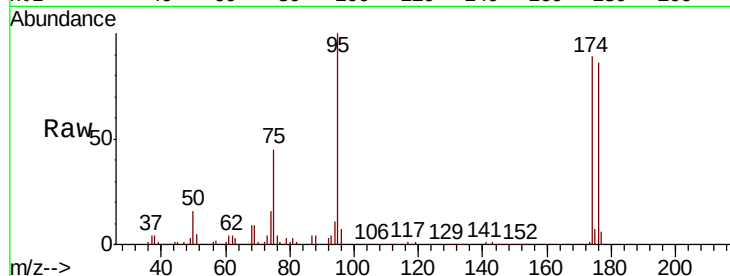
BP-TB03-20190605

Tgt Ion: 75 Resp: 86148

Ion Ratio Lower Upper

75 100

77 1.5 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 48.586 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010141.D

Acq: 08 Jun 2019 16:20

Tgt Ion: 75 Resp: 86148

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 34.2 51.4#

