

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001548.D
 Acq On : 09 May 2018 07:21
 Operator : JC/MD
 Sample : J2687-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB04-20180501

Quant Time: May 09 08:11:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167851	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204619	58.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.84%	
35) Dibromofluoromethane	5.51	113	157914	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
50) Toluene-d8	8.72	98	570393	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
62) 4-Bromofluorobenzene	11.14	95	188828	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

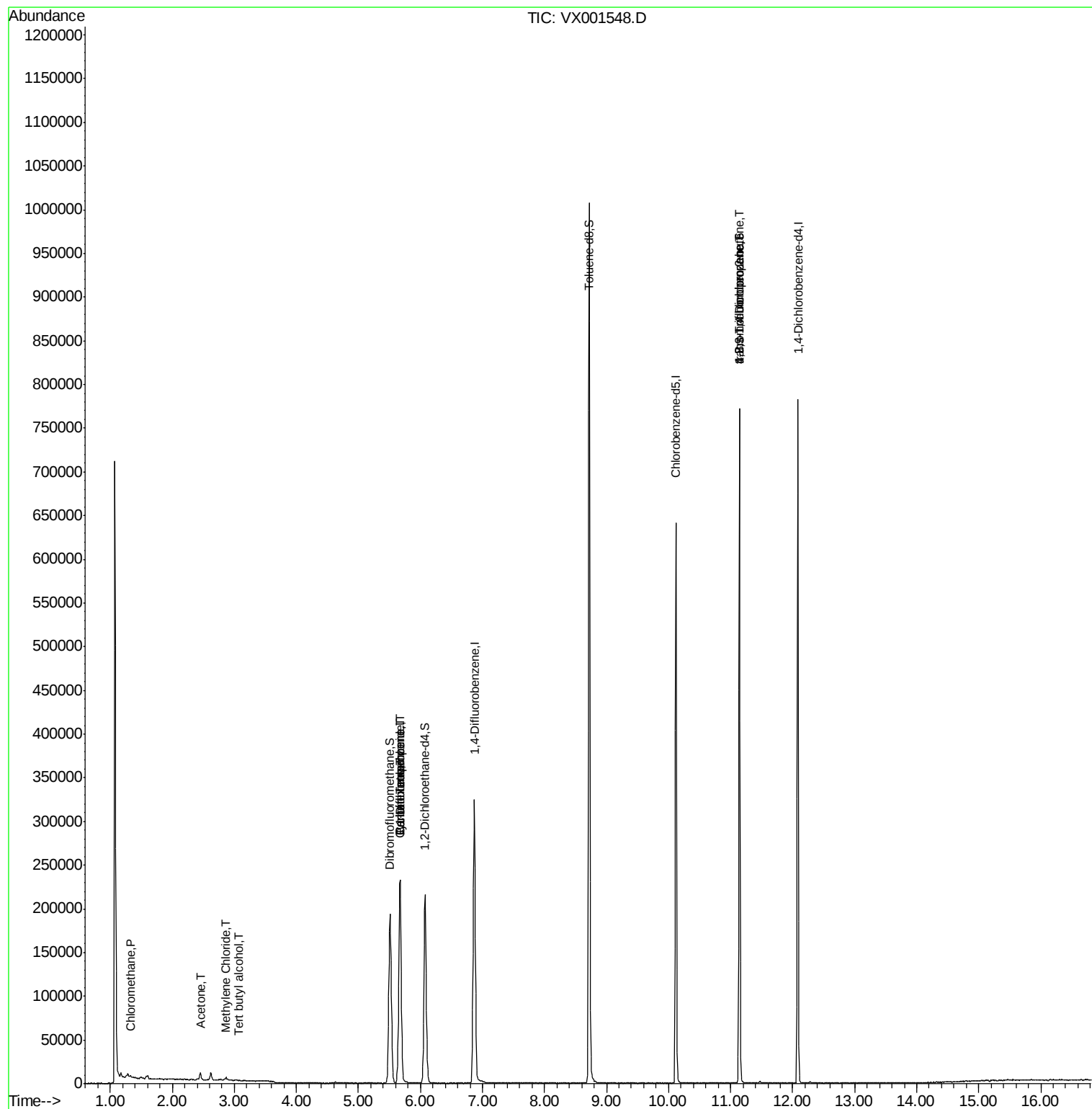
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	731	0.23	ug/l #	84
5) Bromomethane	1.65	94	681	Below Cal	#	69
11) Tert butyl alcohol	3.08	59	314	0.43	ug/l #	72
13) Acrolein	2.31	56	34	Below Cal	#	1
16) Acetone	2.45	43	8463	5.37	ug/l	96
20) Methylene Chloride	2.86	84	1486	0.48	ug/l #	93
31) Cyclohexane	5.66	56	4205	0.94	ug/l #	5
36) 1,1-Dichloropropene	5.67	75	15510	3.68	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20875	4.64	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	95400	28.02	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	95400	85.98	ug/l #	7

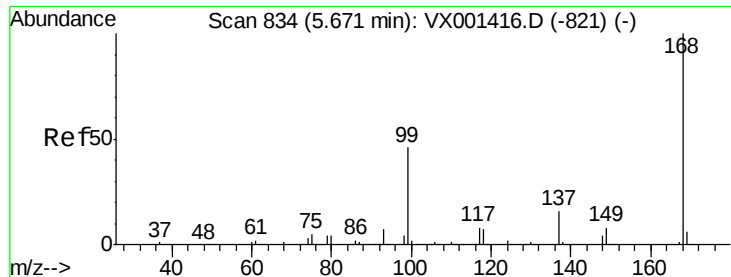
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001548.D

Acq: 09 May 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

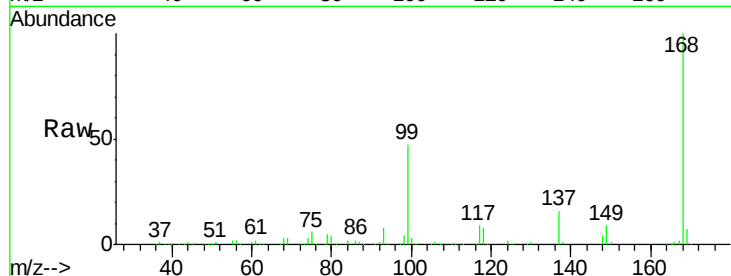
BP-TB04-20180501

Tgt Ion:168 Resp: 241609

Ion Ratio Lower Upper

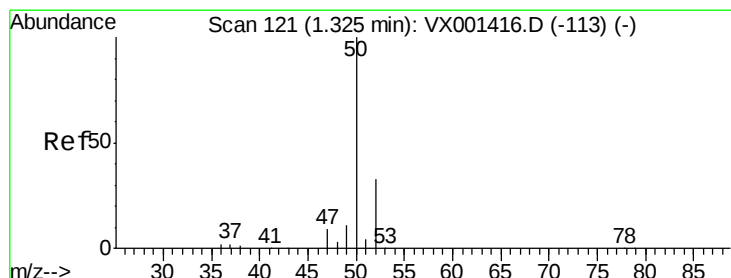
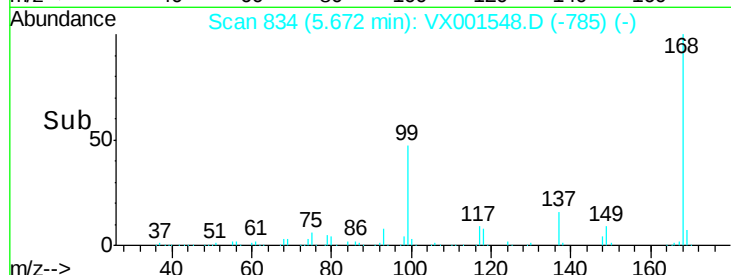
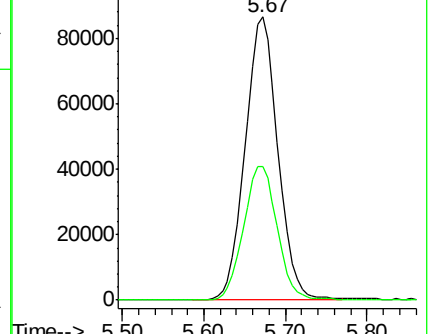
168 100

99 47.1 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001548.D

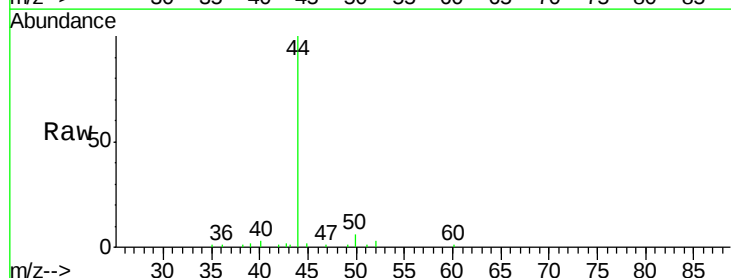
Acq: 09 May 2018 07:21

Tgt Ion: 50 Resp: 731

Ion Ratio Lower Upper

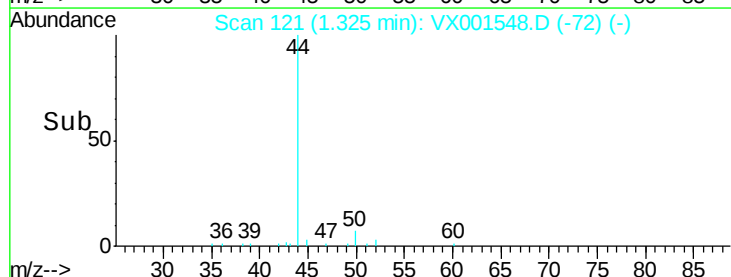
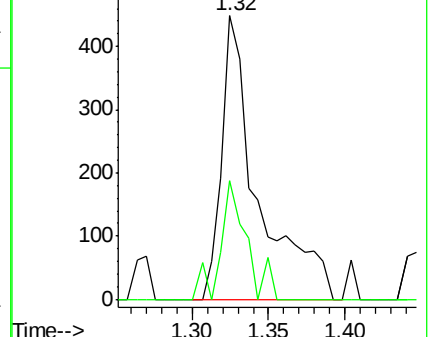
50 100

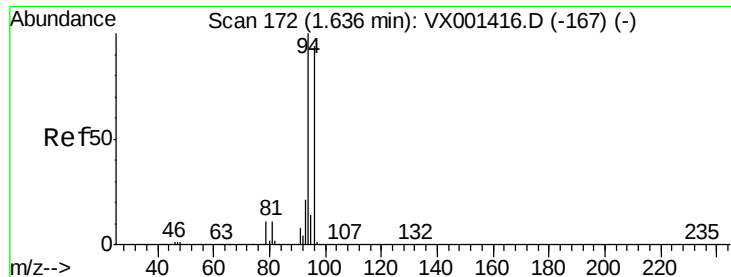
52 42.0 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001548.D

Acq: 09 May 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

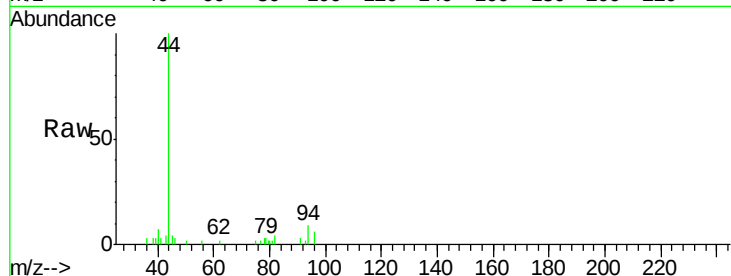
BP-TB04-20180501

Tgt Ion: 94 Resp: 681

Ion Ratio Lower Upper

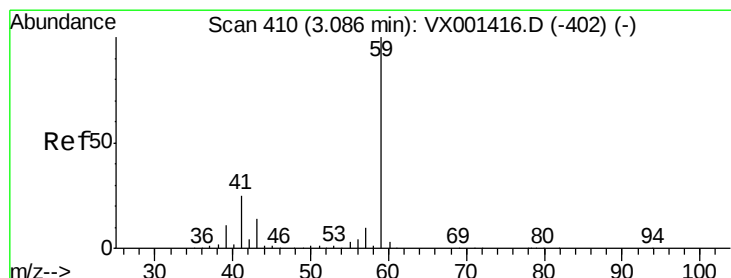
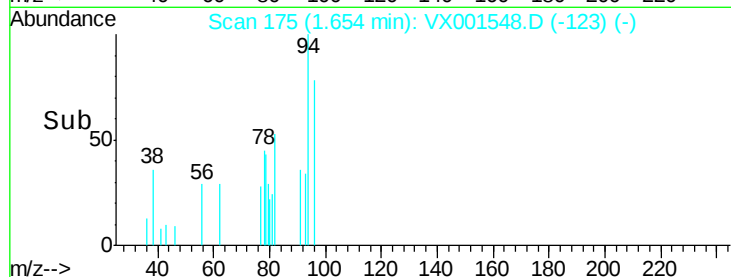
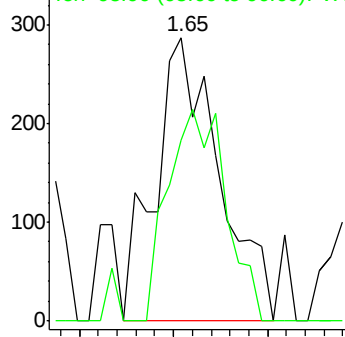
94 100

96 63.8 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 0.43 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX001548.D

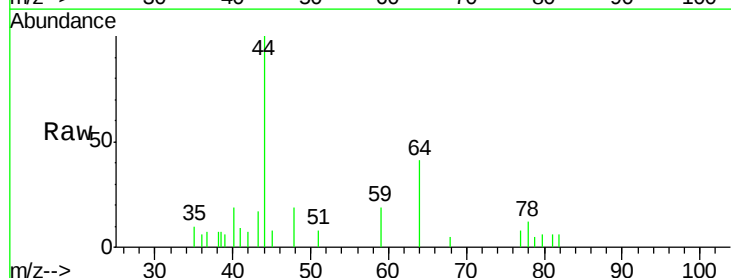
Acq: 09 May 2018 07:21

Tgt Ion: 59 Resp: 314

Ion Ratio Lower Upper

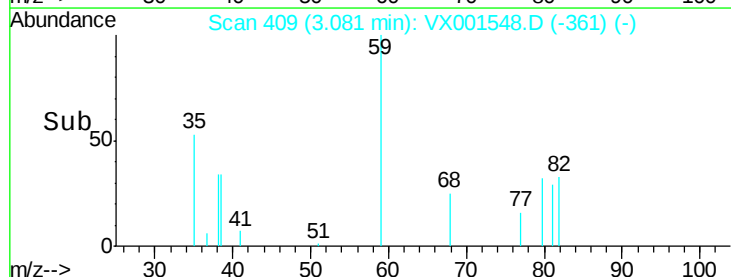
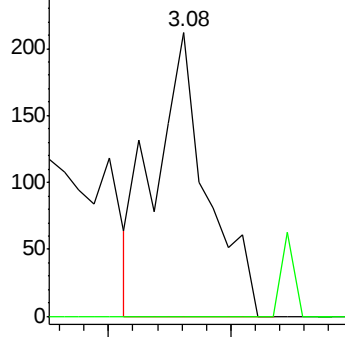
59 100

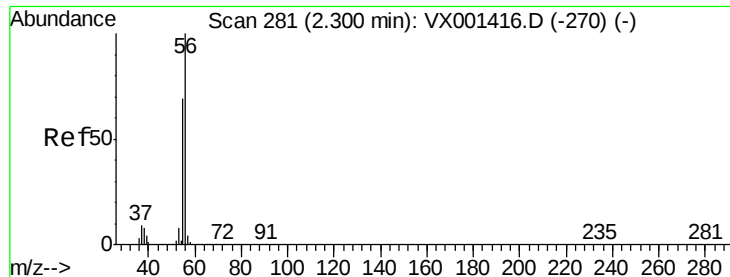
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX001548.D

Acq: 09 May 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

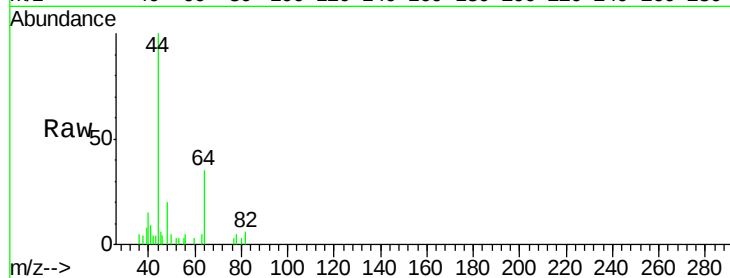
BP-TB04-20180501

Tgt Ion: 56 Resp: 34

Ion Ratio Lower Upper

56 100

55 541.2 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

150

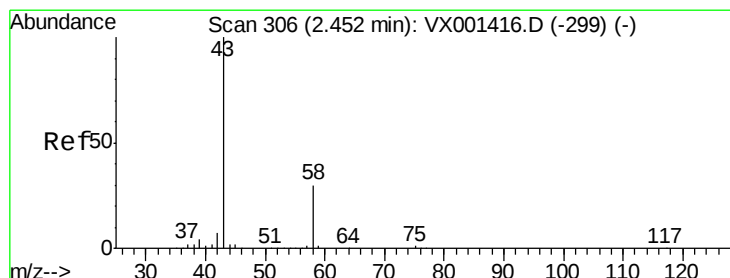
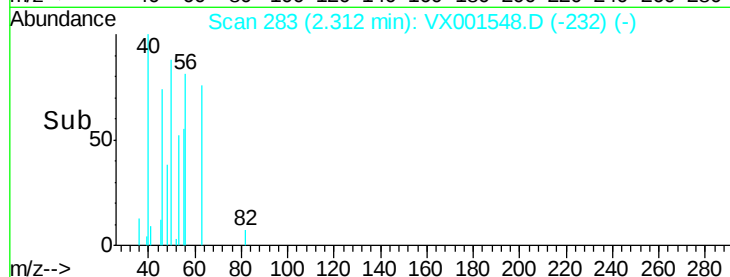
100

50

0

2.29 2.30 2.31 2.32 2.33

Time-->



#16

Acetone

Concen: 5.37 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001548.D

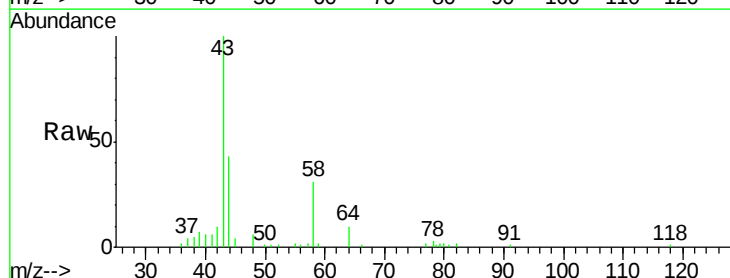
Acq: 09 May 2018 07:21

Tgt Ion: 43 Resp: 8463

Ion Ratio Lower Upper

43 100

58 32.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

5000

4000

3000

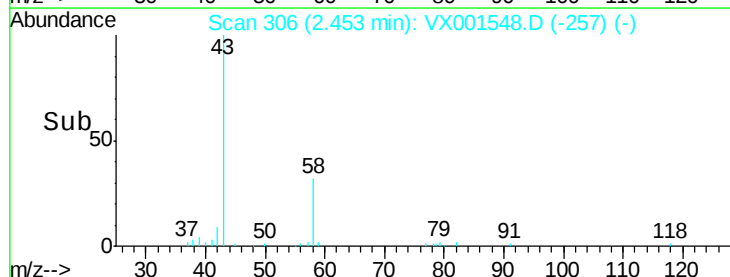
2000

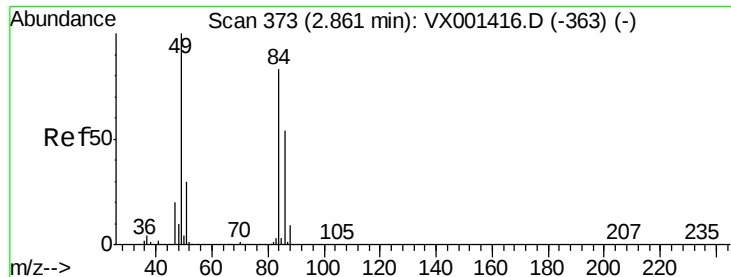
1000

0

2.40 2.45 2.50

Time-->

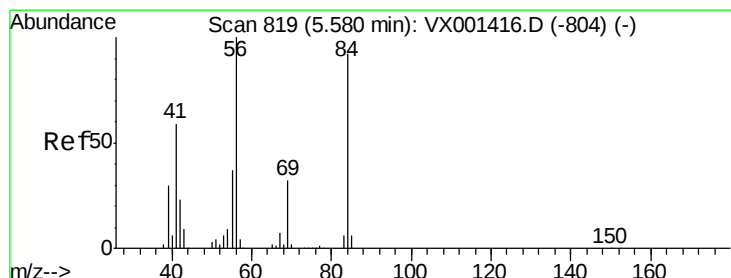
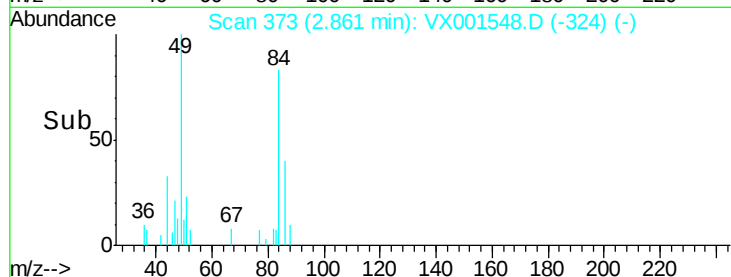
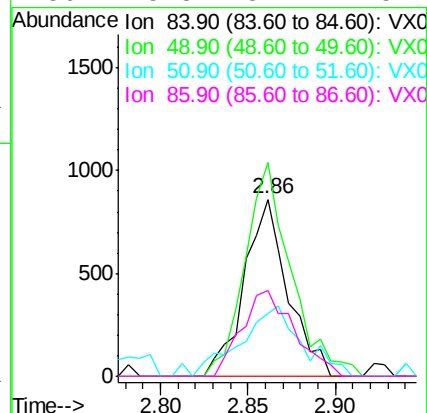
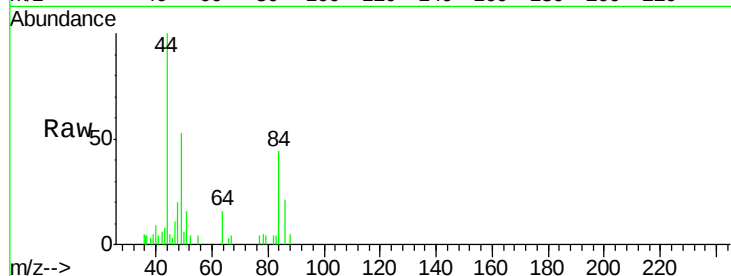




#20
Methylene Chloride
Concen: 0.48 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001548.D
Acq: 09 May 2018 07:21

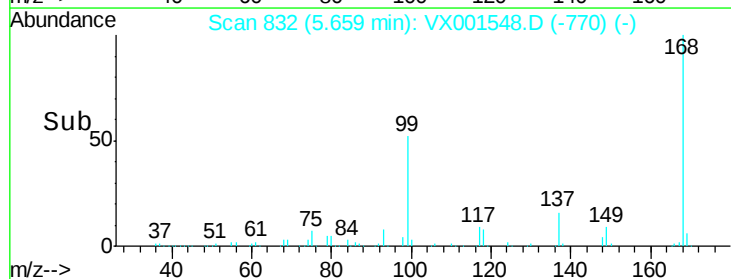
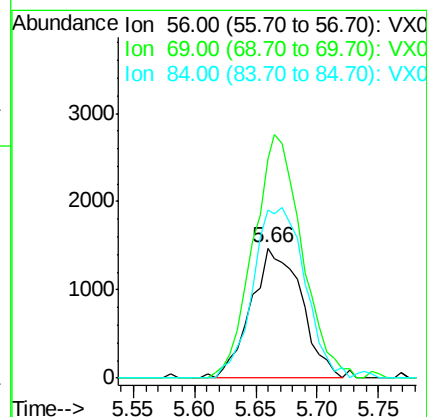
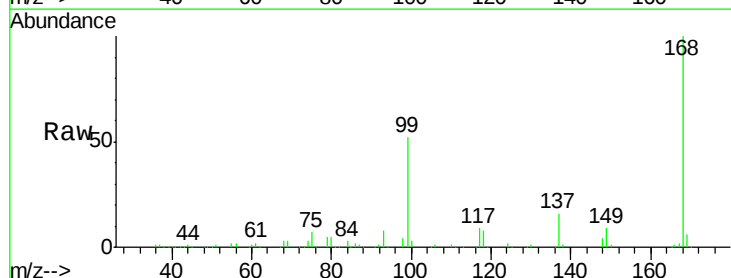
Instrument :
MSVOA_X
ClientSampleId :
BP-TB04-20180501

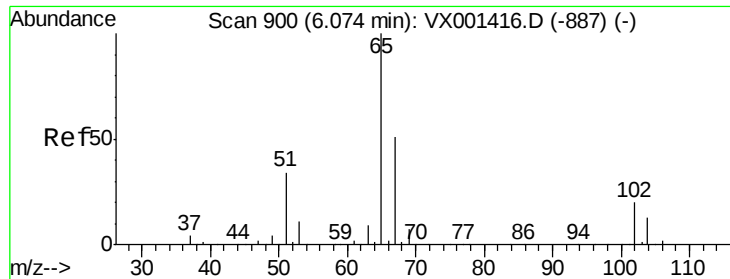
Tgt Ion: 84 Resp: 1486
Ion Ratio Lower Upper
84 100
49 120.8 96.6 144.8
51 35.6 29.0 43.4
86 48.3 52.2 78.4#



#31
Cyclohexane
Concen: 0.94 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX001548.D
Acq: 09 May 2018 07:21

Tgt Ion: 56 Resp: 4205
Ion Ratio Lower Upper
56 100
69 168.0 25.4 38.0#
84 133.4 73.8 110.8#

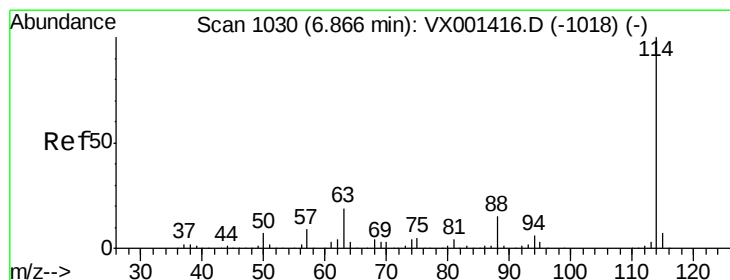
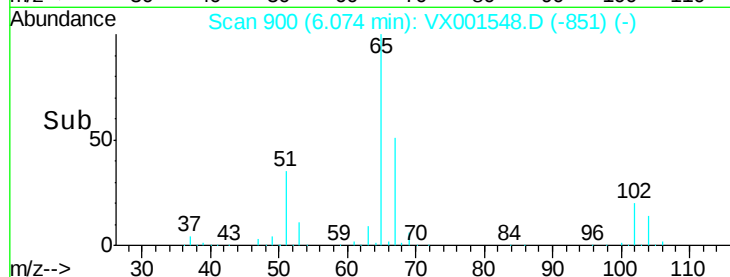
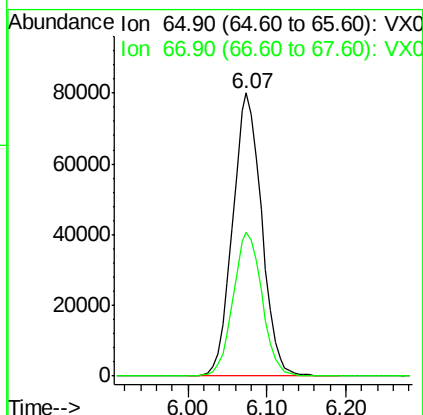
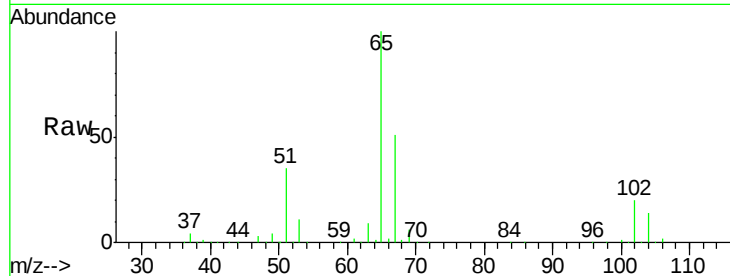




#33
 1,2-Dichloroethane-d4
 Concen: 58.92 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001548.D
 Acq: 09 May 2018 07:21

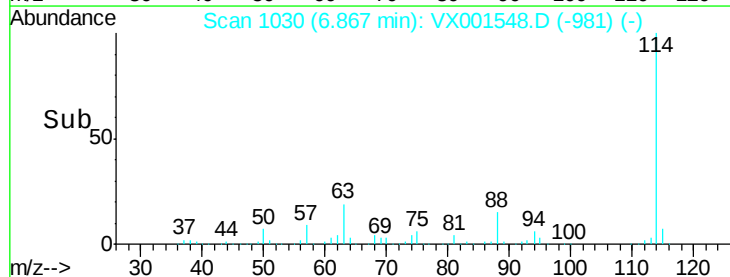
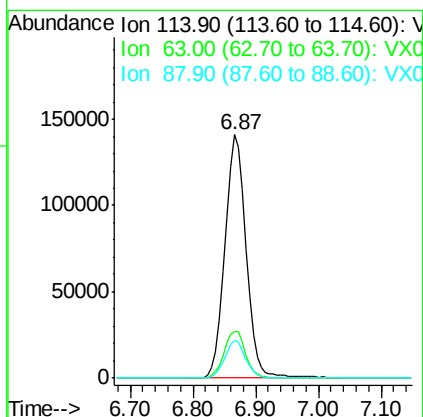
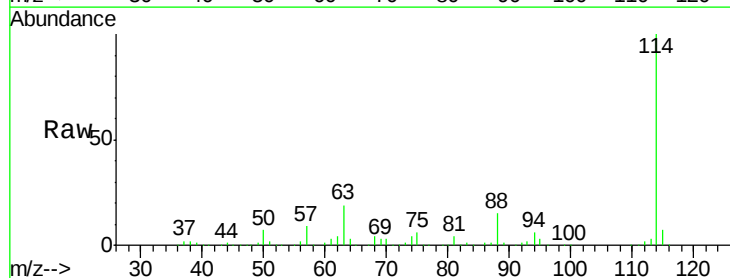
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 MSVOA_X
 ClientSampleId :
 BP-TB04-20180501

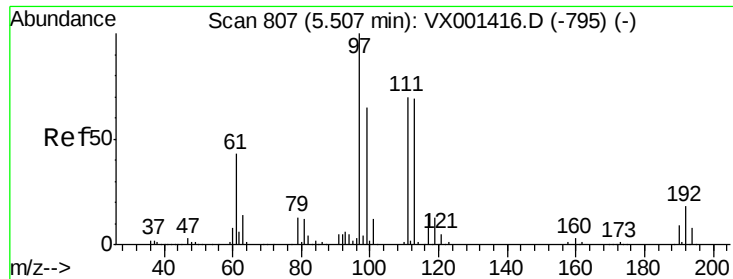
Tgt Ion: 65 Resp: 204619
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001548.D
 Acq: 09 May 2018 07:21

Tgt Ion: 114 Resp: 331448
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.2 0.0 30.8

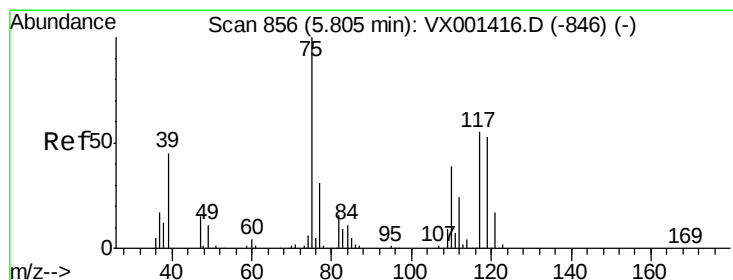
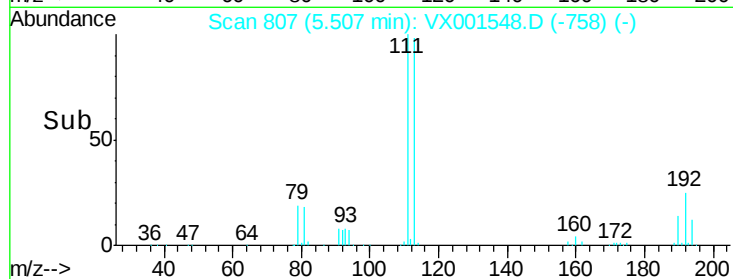
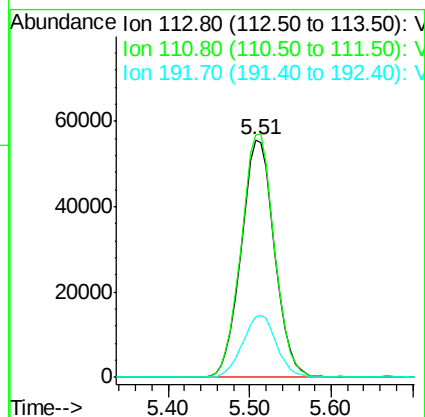
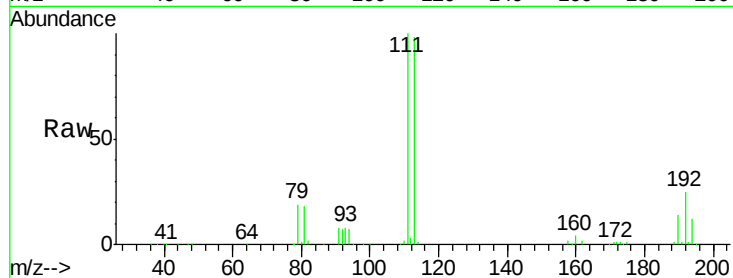




#35
 Dibromofluoromethane
 Concen: 53.56 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001548.D
 Acq: 09 May 2018 07:21

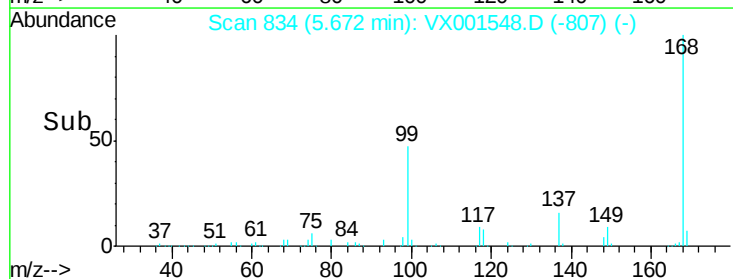
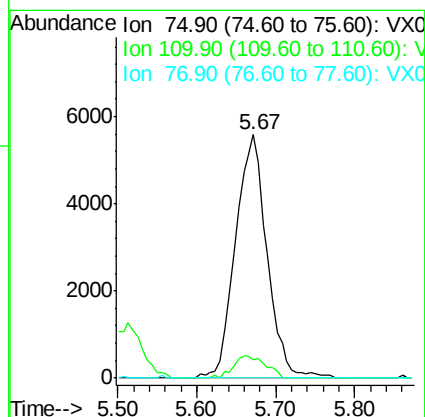
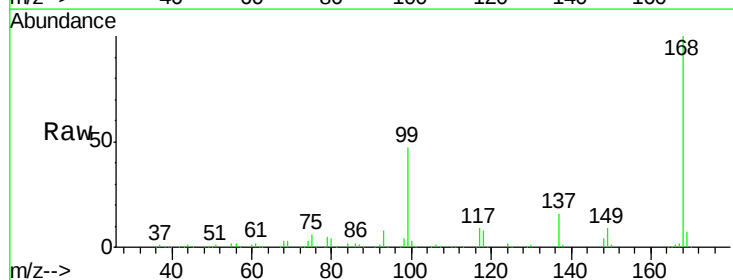
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB04-20180501

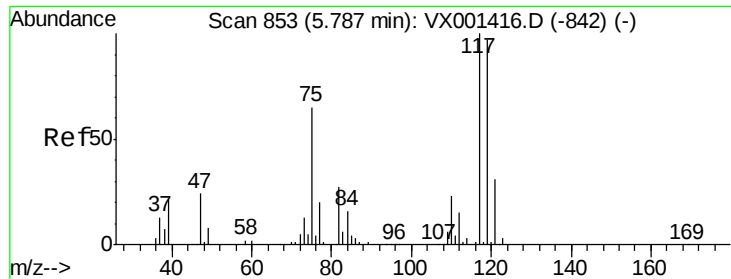
Tgt Ion:113 Resp: 157914
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 26.6 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.68 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001548.D
 Acq: 09 May 2018 07:21

Tgt Ion: 75 Resp: 15510
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.9 56.7#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.64 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001548.D

Acq: 09 May 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

BP-TB04-20180501

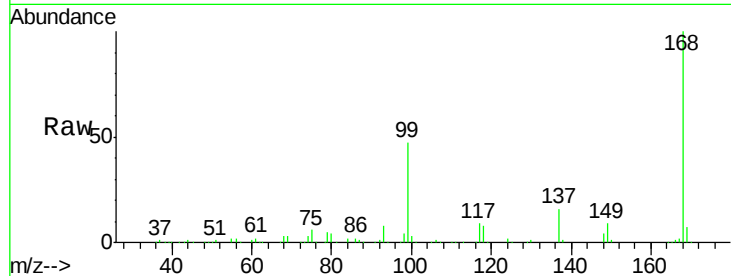
Tgt Ion:117 Resp: 20875

Ion Ratio Lower Upper

117 100

119 4.5 77.0 115.6#

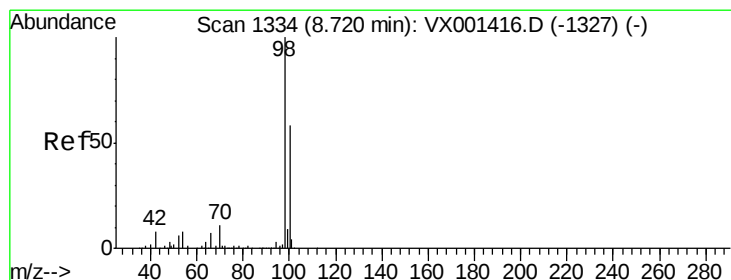
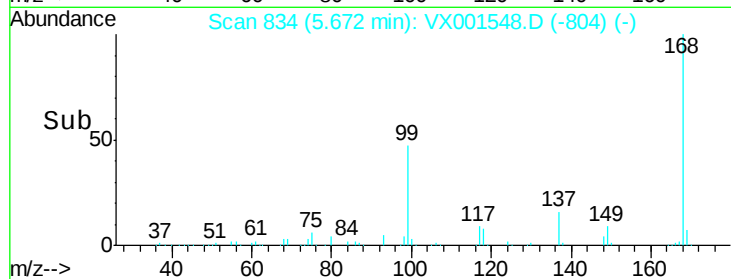
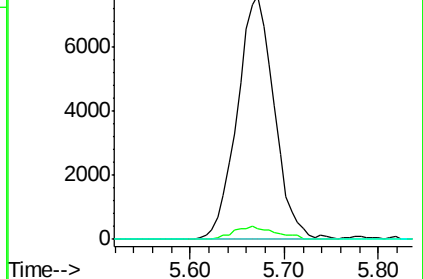
121 0.0 25.1 37.7#



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: 53.00 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001548.D

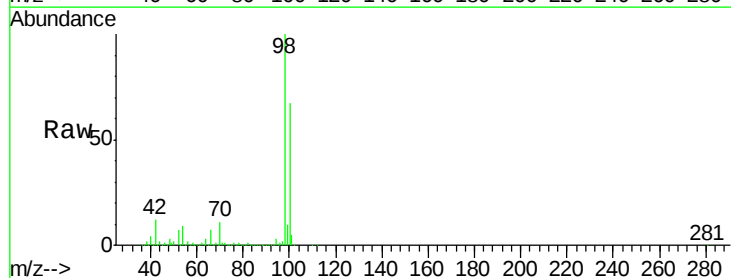
Acq: 09 May 2018 07:21

Tgt Ion: 98 Resp: 570393

Ion Ratio Lower Upper

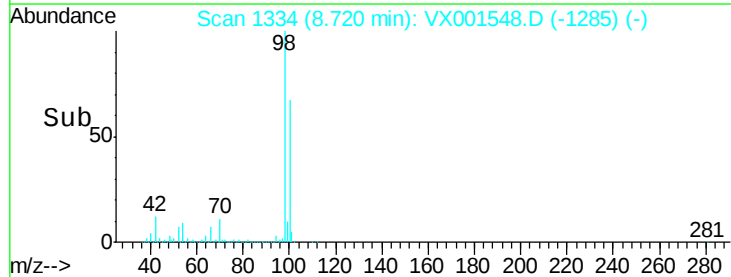
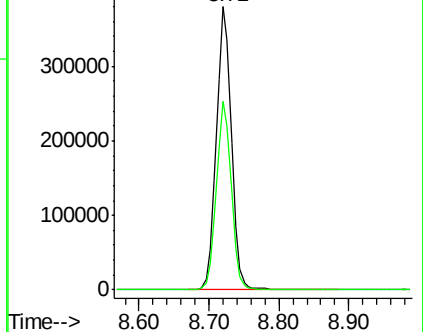
98 100

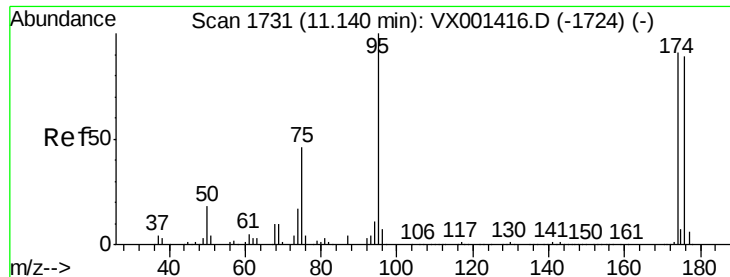
100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001548.D

Acq: 09 May 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

BP-TB04-20180501

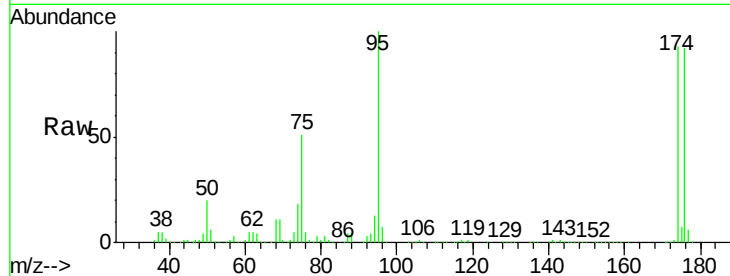
Tgt Ion: 95 Resp: 188828

Ion Ratio Lower Upper

95 100

174 101.7 0.0 202.0

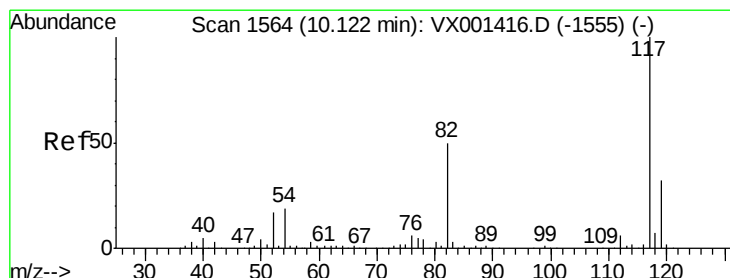
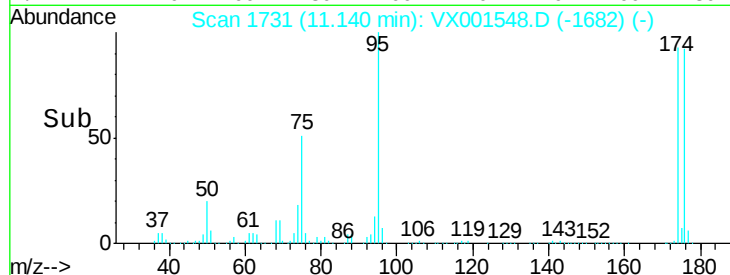
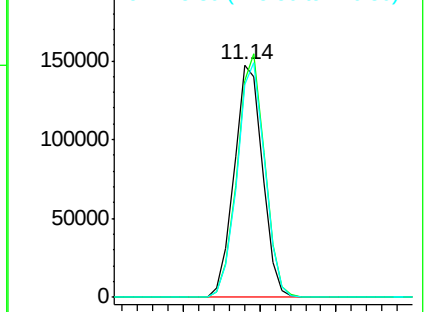
176 98.9 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001548.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001548.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001548.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001548.D

Acq: 09 May 2018 07:21

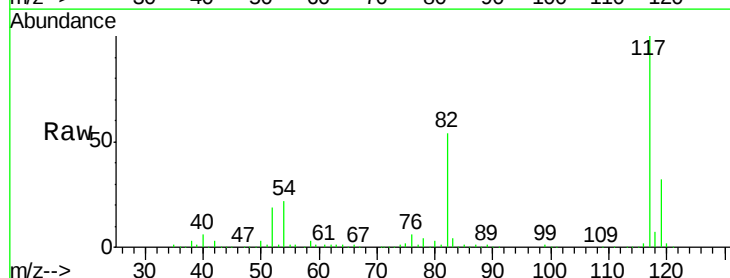
Tgt Ion: 117 Resp: 298169

Ion Ratio Lower Upper

117 100

82 54.0 40.0 60.0

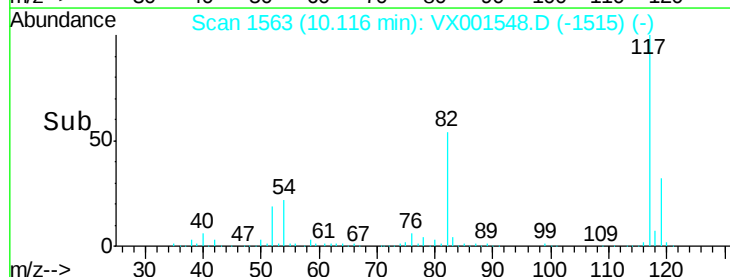
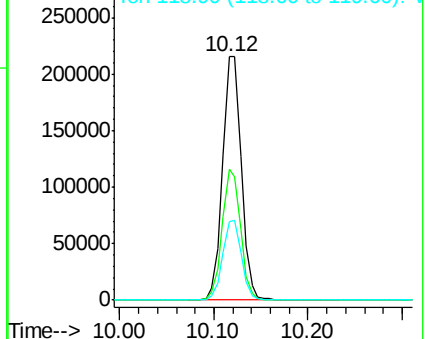
119 32.2 25.8 38.8

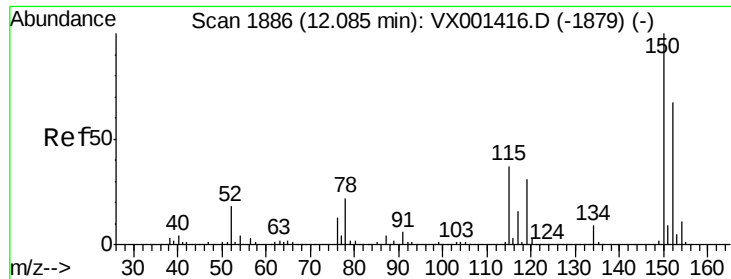


Abundance Ion 116.90 (116.60 to 117.60): VX001548.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX001548.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX001548.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001548.D

Acq: 09 May 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

BP-TB04-20180501

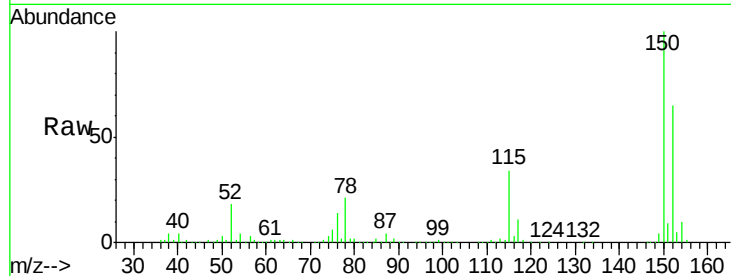
Tgt Ion:152 Resp: 167851

Ion Ratio Lower Upper

152 100

115 52.7 37.7 113.1

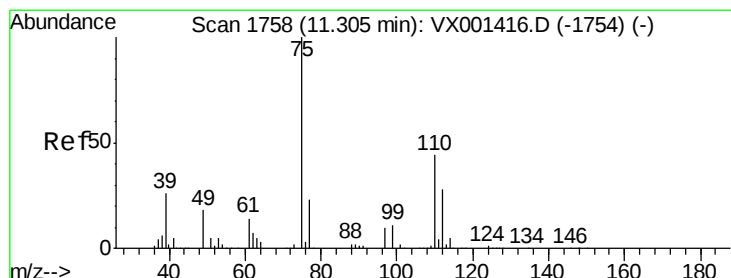
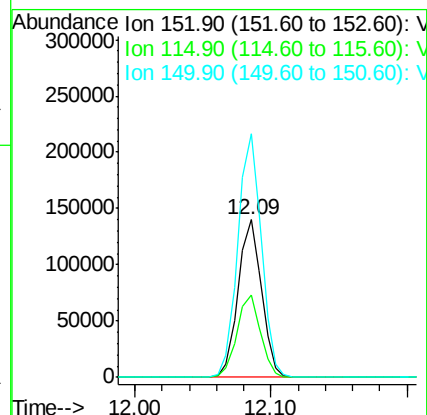
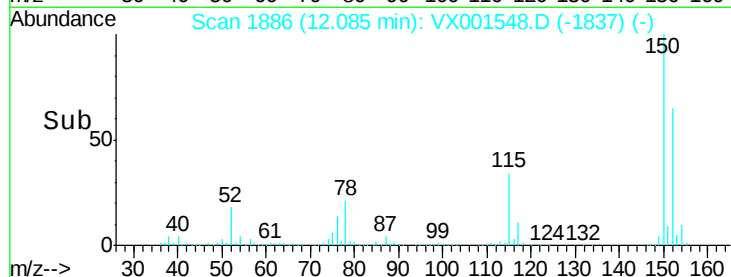
150 155.4 0.0 349.4



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



#76

1,2,3-Trichloropropane

Concen: 28.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001548.D

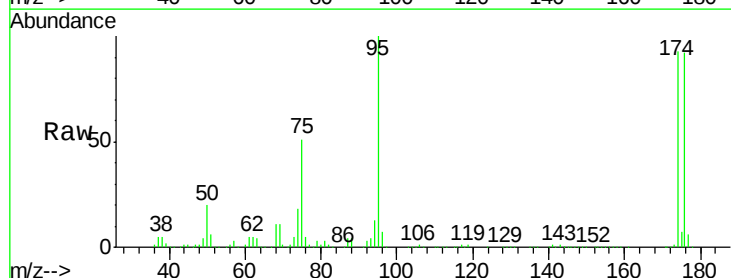
Acq: 09 May 2018 07:21

Tgt Ion: 75 Resp: 95400

Ion Ratio Lower Upper

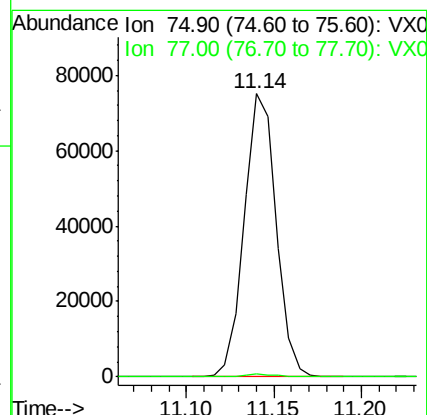
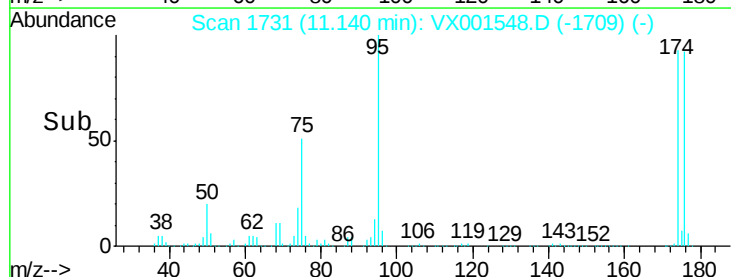
75 100

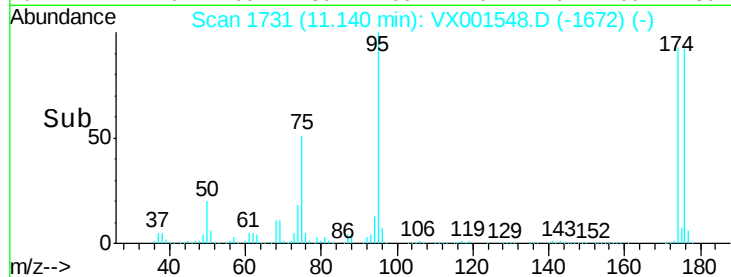
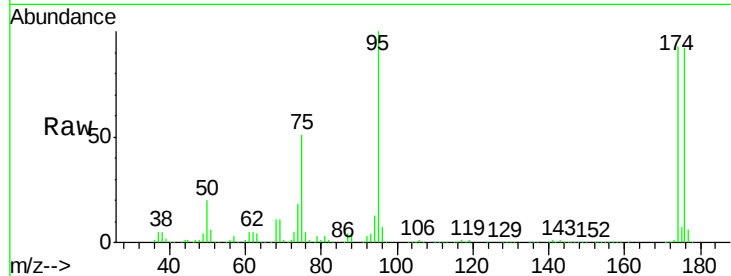
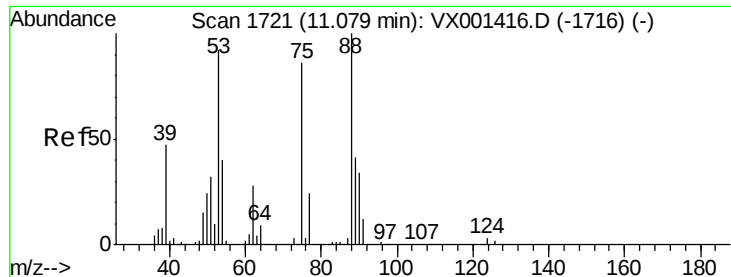
77 1.1 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 85.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001548.D

Acq: 09 May 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

BP-TB04-20180501

Tgt Ion: 75 Resp: 95400

Ion Ratio Lower Upper

75 100

53 0.1 84.5 126.7#

89 0.0 39.5 59.3#

