

Data File : VX001214.D
Acq On : 28 Apr 2018 15:30
Operator : JC/MD
Sample : J2600-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20180424

Quant Time: Apr 30 01:29:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	248417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	223754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128544	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	140088	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	5.51	113	111341	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	8.72	98	418043	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
62) 4-Bromofluorobenzene	11.14	95	142199	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	

Target Compounds				Qvalue		
5) Bromomethane	1.66	94	300	Below Cal		83
10) Methyl Iodide	2.52	142	281	7.36 ug/l #		73
11) Tert butyl alcohol	3.07	59	235	0.42 ug/l #		39
15) Acrylonitrile	3.15	53	387	0.32 ug/l #		36
16) Acetone	2.45	43	7491	6.38 ug/l		95
20) Methylene Chloride	2.85	84	1160	0.53 ug/l #		82
29) Tetrahydrofuran	5.20	42	246	0.22 ug/l #		41
31) Cyclohexane	5.67	56	3475	1.15 ug/l #		14
36) 1,1-Dichloropropene	5.67	75	11579	4.23 ug/l #		48
38) Carbon Tetrachloride	5.67	117	15917	5.67 ug/l #		15
76) 1,2,3-Trichloropropane	11.14	75	73797	28.19 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	73797	85.55 ug/l #		6

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

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Instrument :

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ClientSampleId :

BP-TB01-20180424

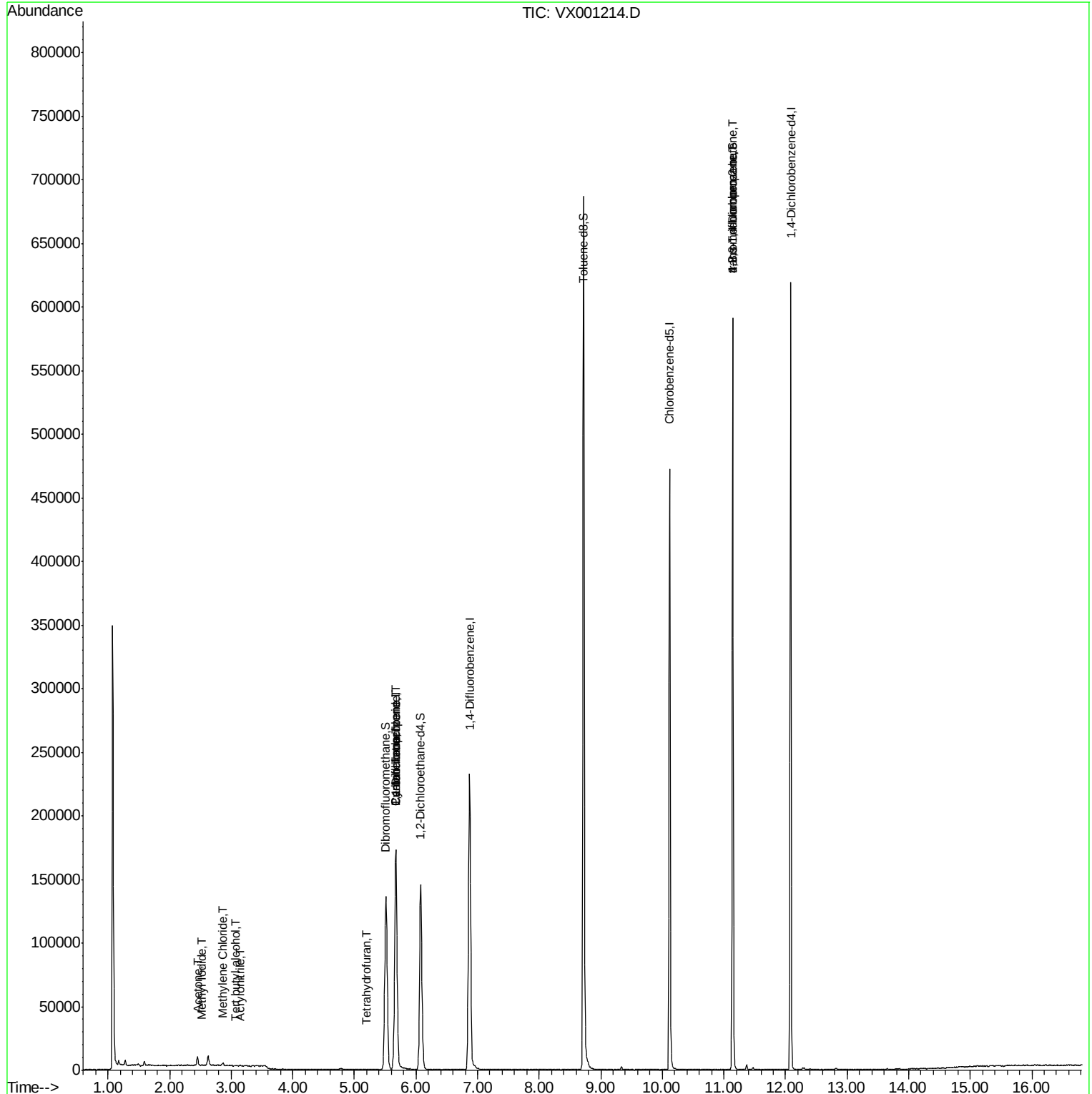
Quant Time: Apr 30 01:29:41 2018

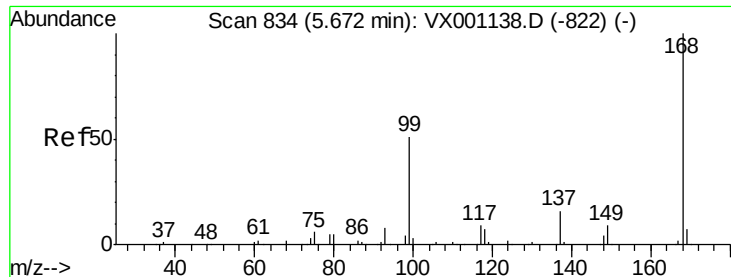
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 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: VX001214.D

Acq: 28 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

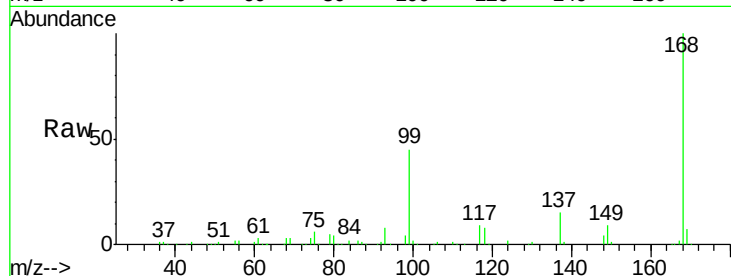
BP-TB01-20180424

Tgt Ion:168 Resp: 184128

Ion Ratio Lower Upper

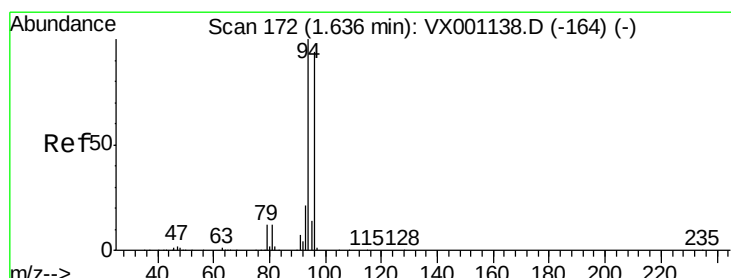
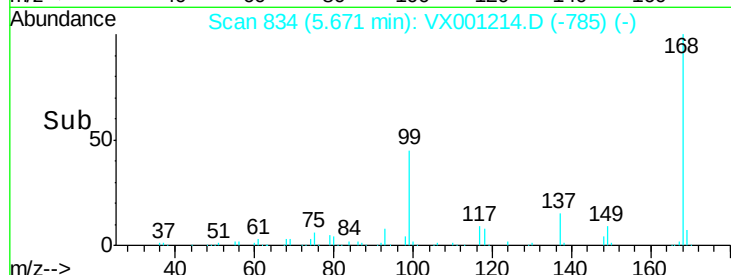
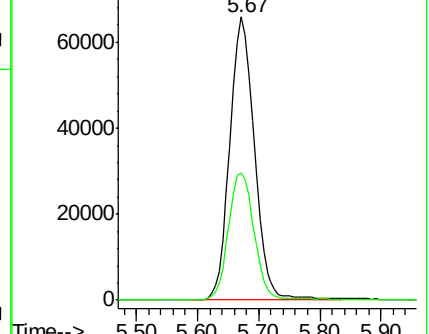
168 100

99 45.1 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX001214.D

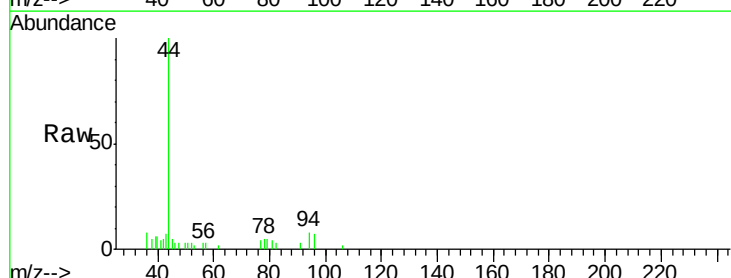
Acq: 28 Apr 2018 15:30

Tgt Ion: 94 Resp: 300

Ion Ratio Lower Upper

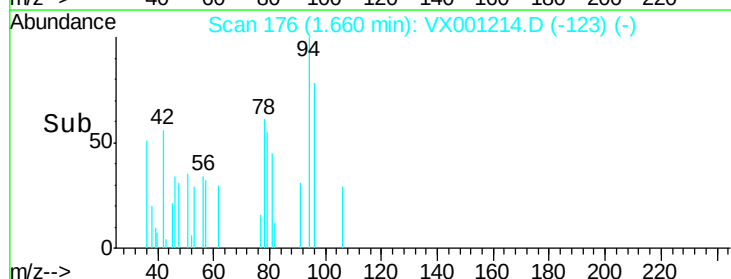
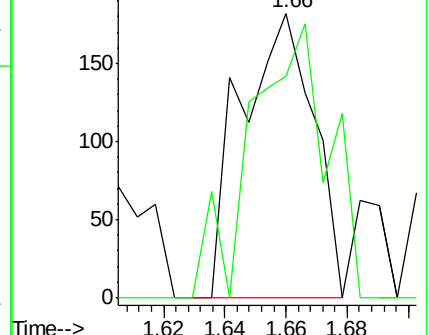
94 100

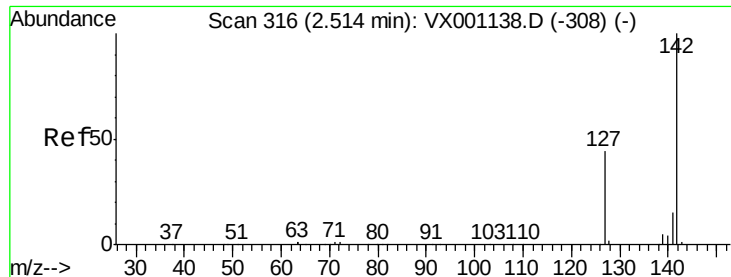
96 78.0 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

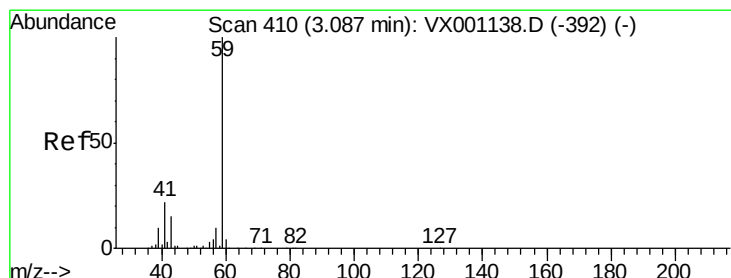
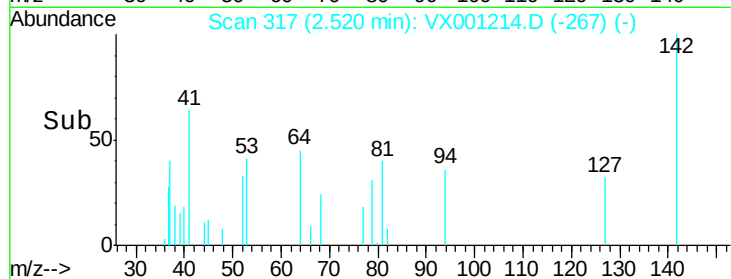
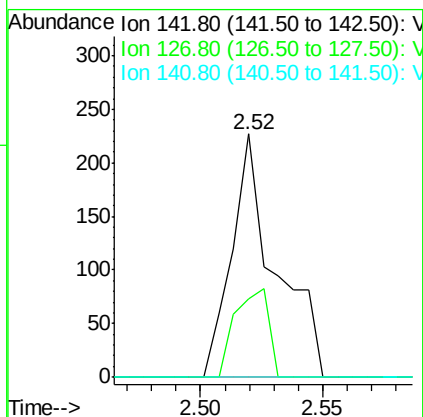
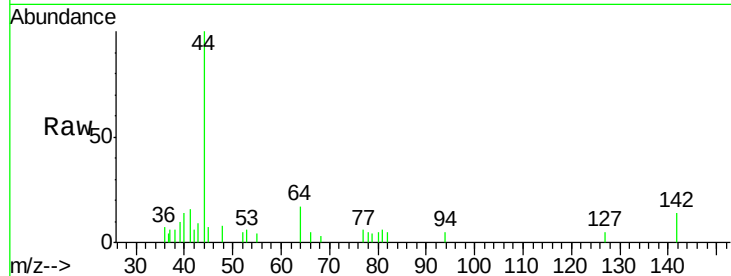




#10
Methyl Iodide
Concen: 7.36 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001214.D
Acq: 28 Apr 2018 15:30

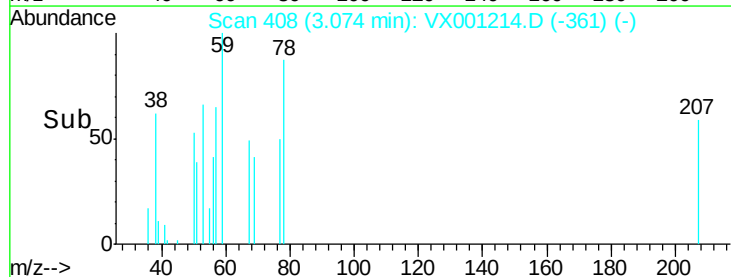
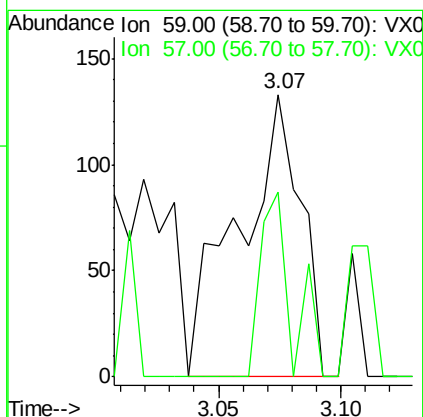
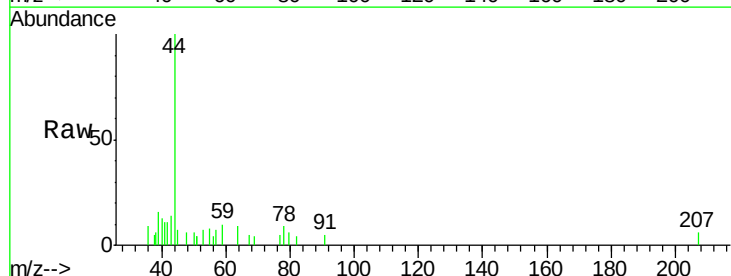
Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20180424

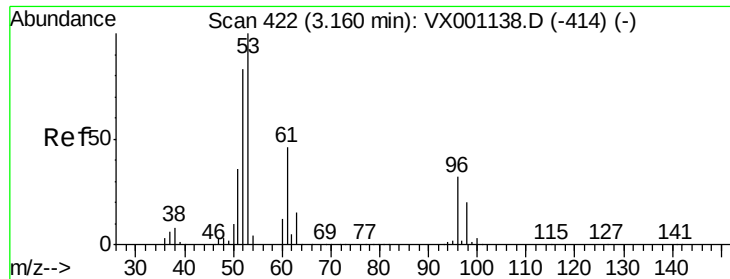
Tgt Ion: 142 Resp: 281
Ion Ratio Lower Upper
142 100
127 28.1 34.7 52.1#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.42 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001214.D
Acq: 28 Apr 2018 15:30

Tgt Ion: 59 Resp: 235
Ion Ratio Lower Upper
59 100
57 33.2 8.2 12.4#





#15

Acrylonitrile

Concen: 0.32 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001214.D

Acq: 28 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TB01-20180424

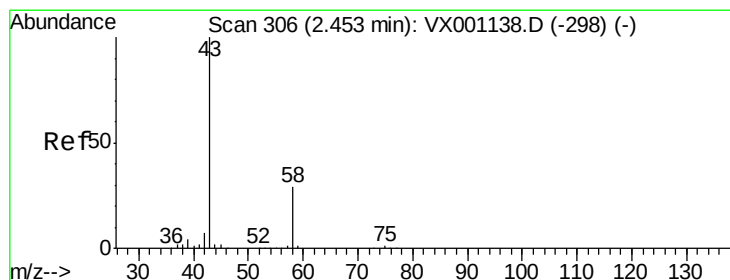
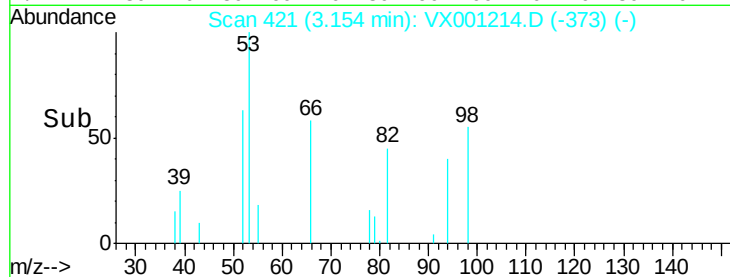
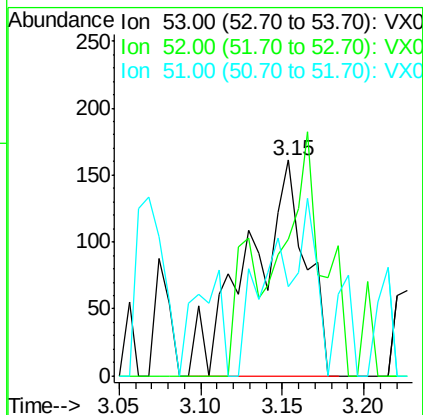
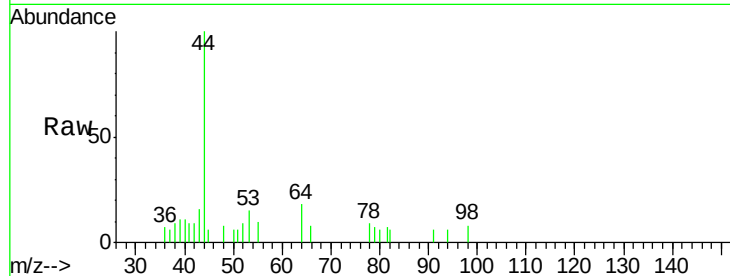
Tgt Ion: 53 Resp: 387

Ion Ratio Lower Upper

53 100

52 0.0 66.5 99.7#

51 36.2 29.5 44.3



#16

Acetone

Concen: 6.38 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001214.D

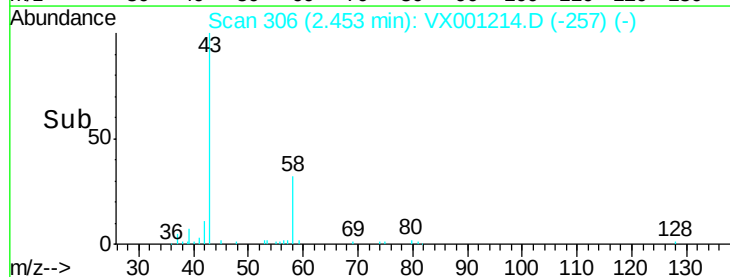
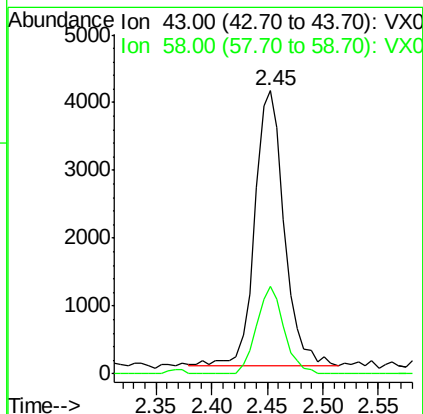
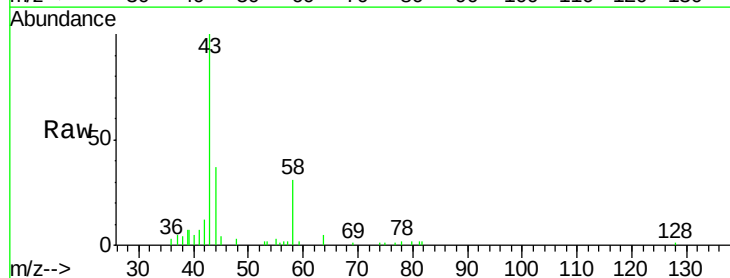
Acq: 28 Apr 2018 15:30

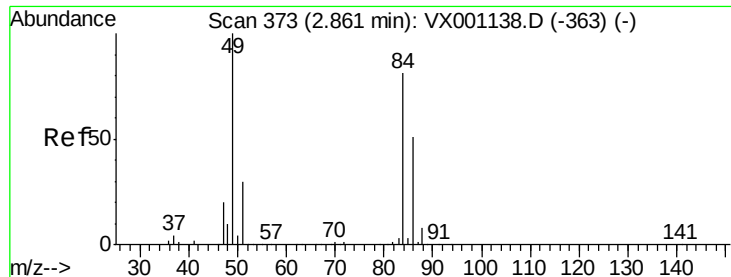
Tgt Ion: 43 Resp: 7491

Ion Ratio Lower Upper

43 100

58 31.6 23.0 34.6

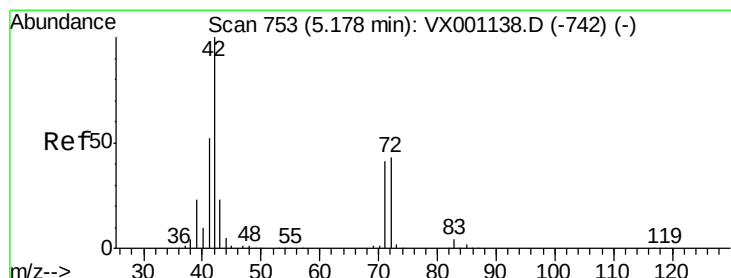
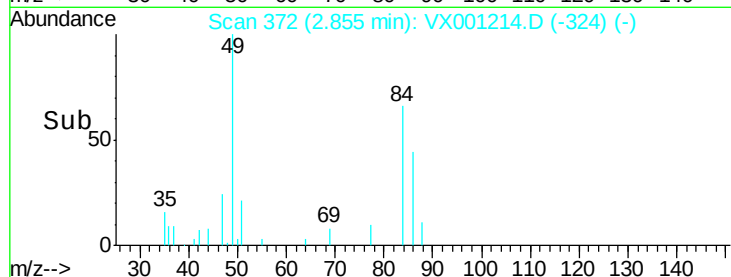
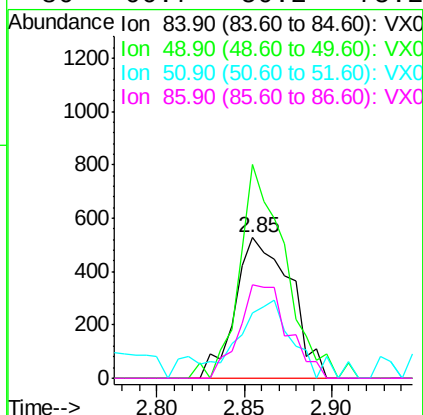
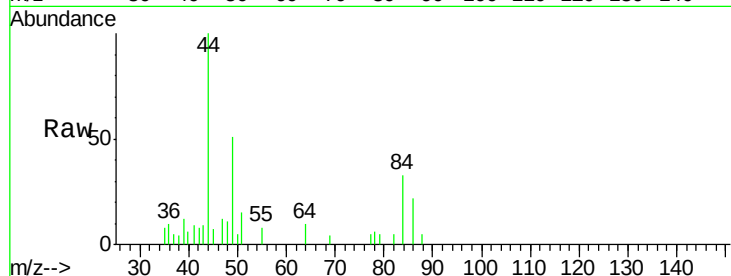




#20
Methylene Chloride
Concen: 0.53 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001214.D
Acq: 28 Apr 2018 15:30

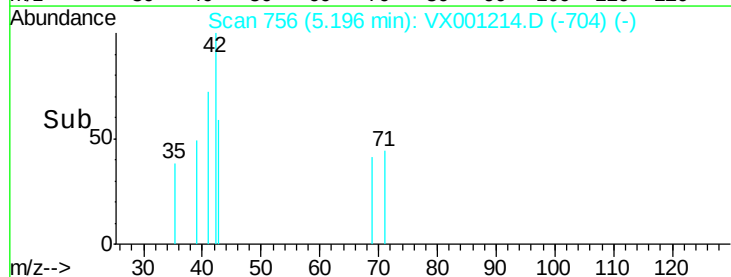
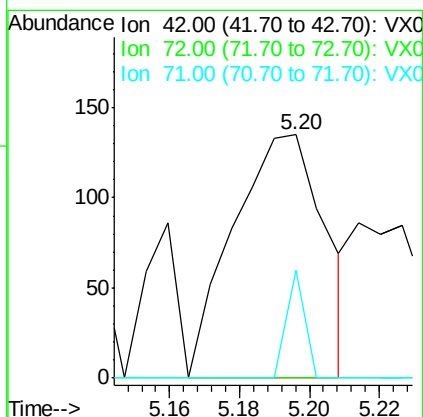
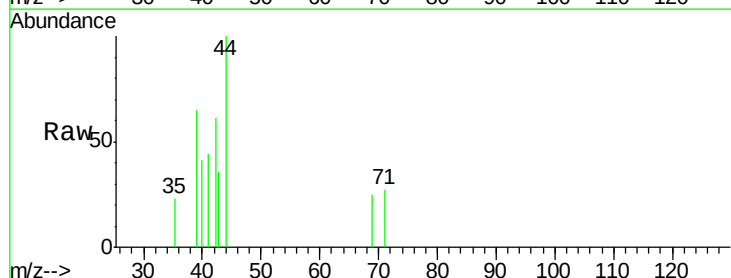
Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20180424

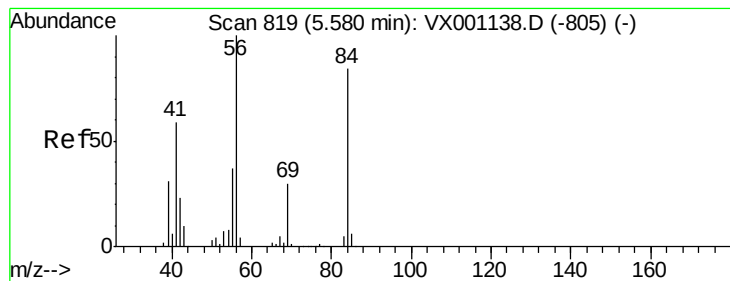
Tgt Ion:	84	Resp:	1160
Ion	Ratio	Lower	Upper
84	100		
49	151.7	99.2	148.8#
51	46.4	29.5	44.3#
86	66.7	50.2	75.2



#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX001214.D
Acq: 28 Apr 2018 15:30

Tgt Ion:	42	Resp:	246
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.4	51.6#
71	8.9	32.1	48.1#





#31

Cyclohexane

Concen: 1.15 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001214.D

Acq: 28 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TB01-20180424

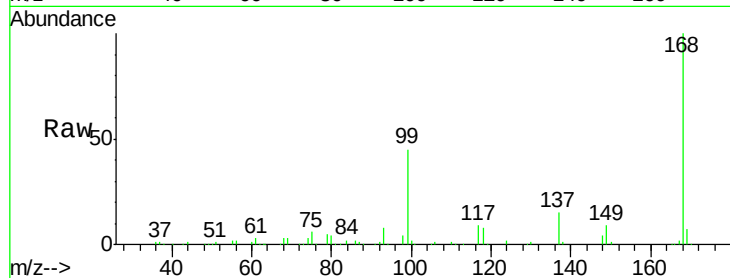
Tgt Ion: 56 Resp: 3475

Ion Ratio Lower Upper

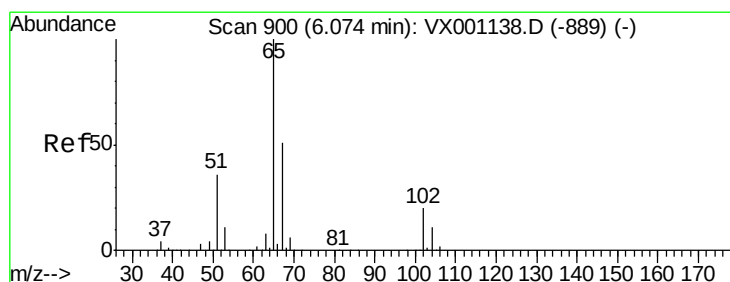
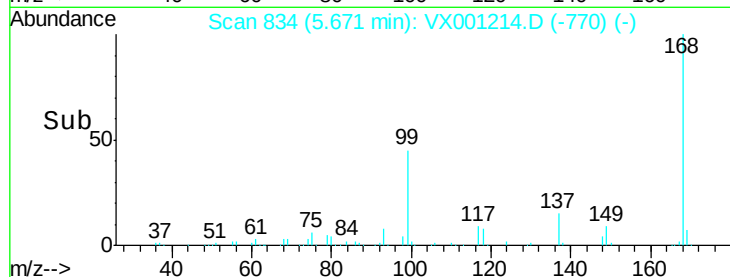
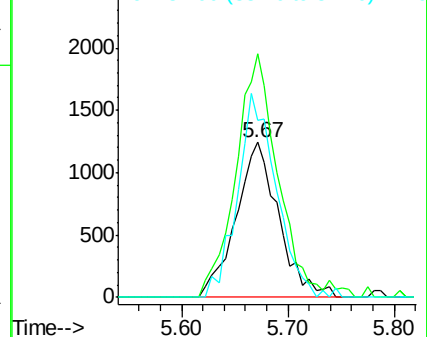
56 100

69 157.4 24.2 36.2#

84 114.7 67.5 101.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.08 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001214.D

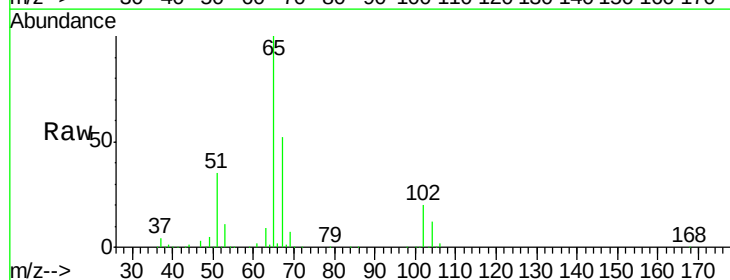
Acq: 28 Apr 2018 15:30

Tgt Ion: 65 Resp: 140088

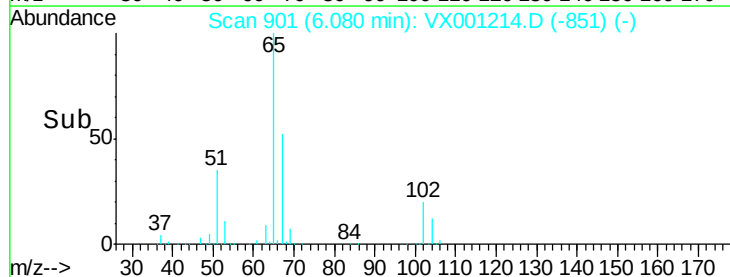
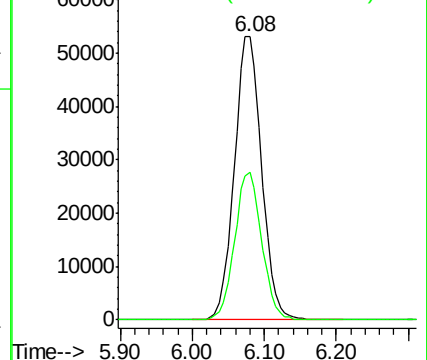
Ion Ratio Lower Upper

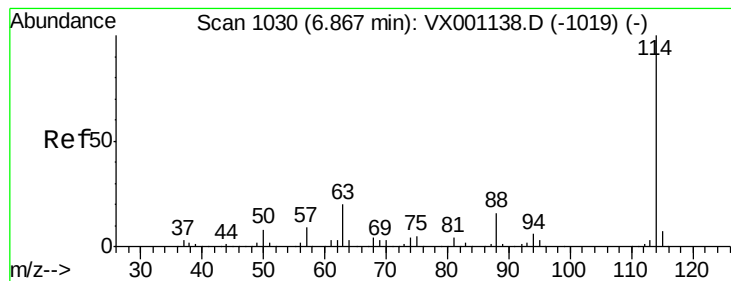
65 100

67 51.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001214.D

Acq: 28 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TB01-20180424

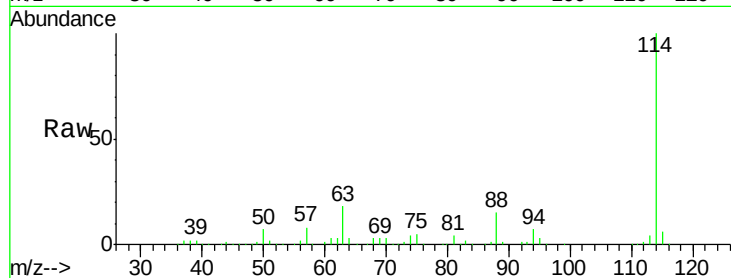
Tgt Ion:114 Resp: 248417

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.4

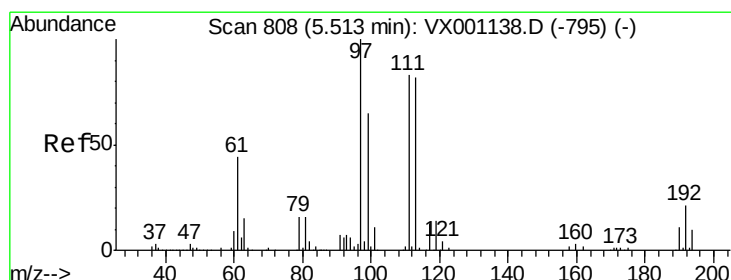
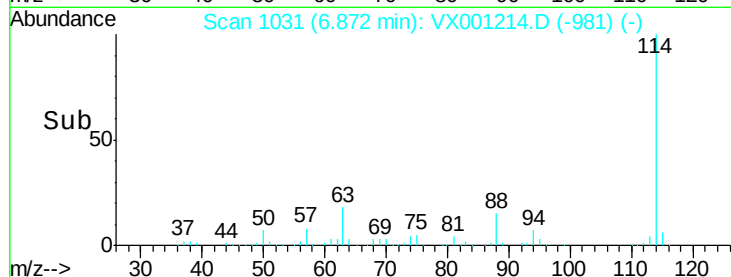
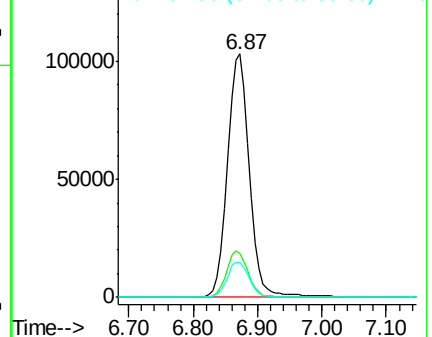
88 14.6 0.0 31.8



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: 54.15 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001214.D

Acq: 28 Apr 2018 15:30

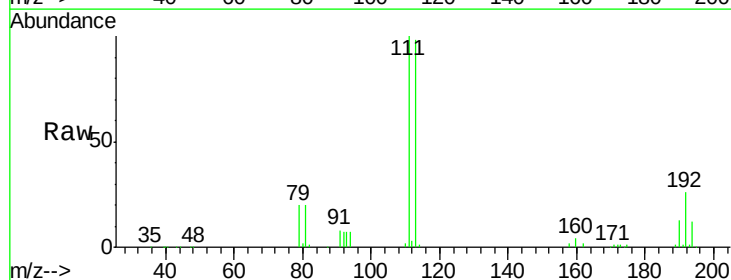
Tgt Ion:113 Resp: 111341

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

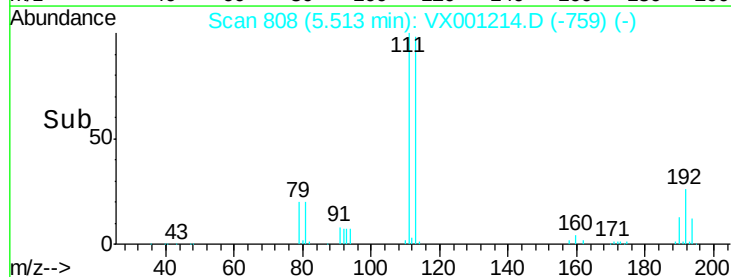
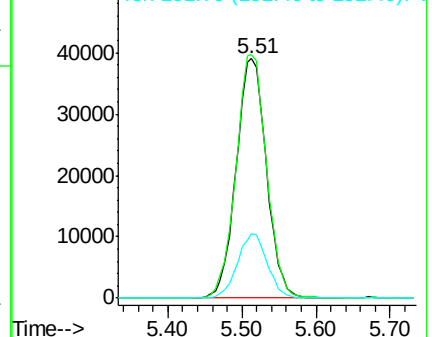
192 26.4 20.6 30.8

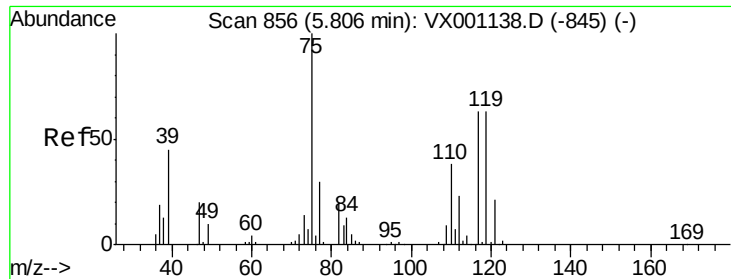


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

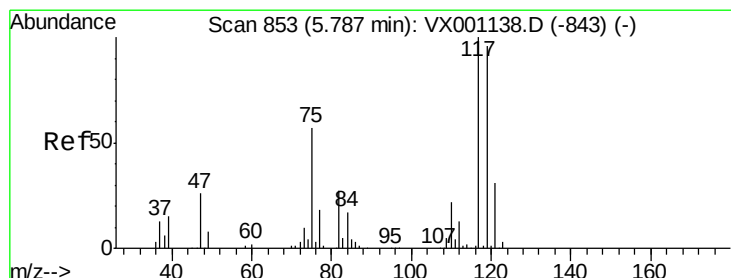
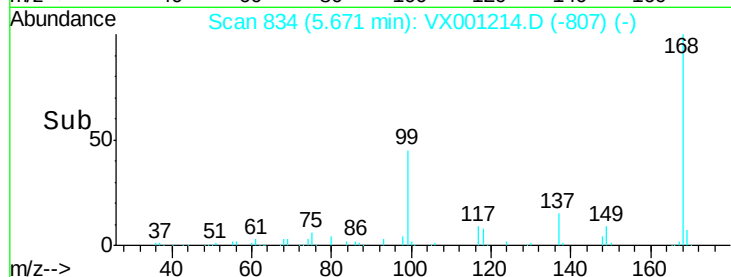
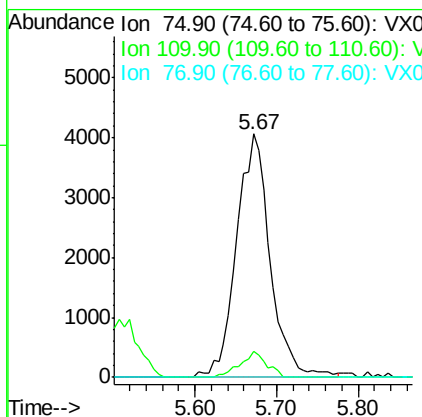
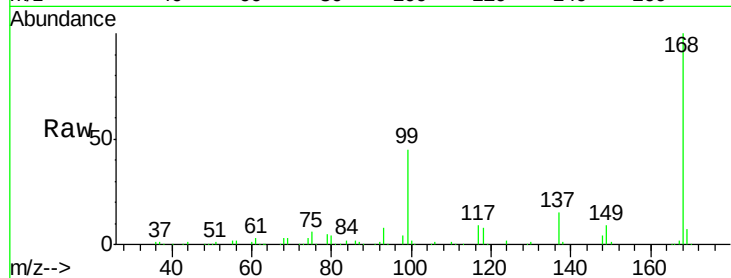




#36
 1,1-Dichloropropene
 Concen: 4.23 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001214.D
 Acq: 28 Apr 2018 15:30

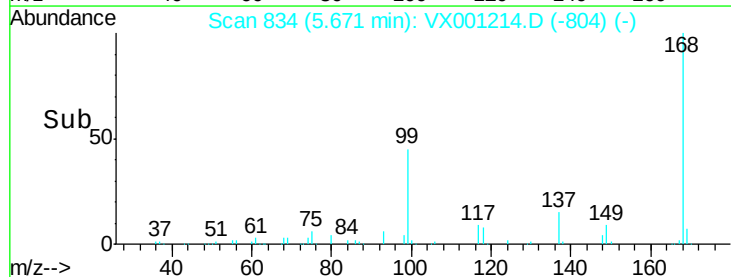
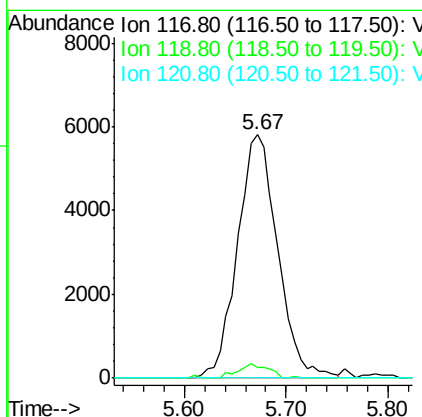
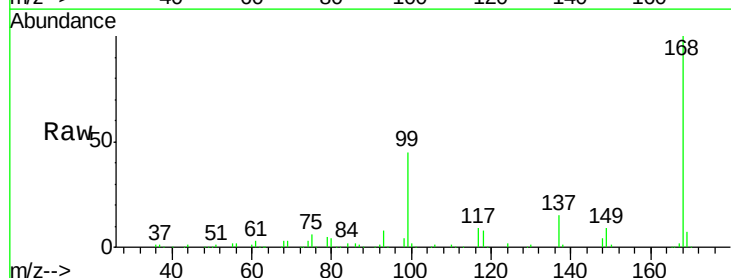
Instrument :
 MSVOA_X
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 BP-TB01-20180424

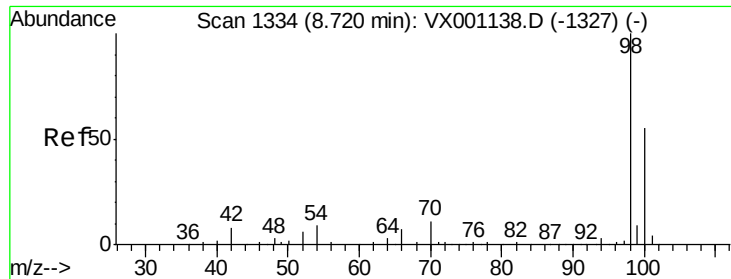
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	19.0	57.0#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.67 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001214.D
 Acq: 28 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.5	114.7#
121	0.0	24.6	37.0#

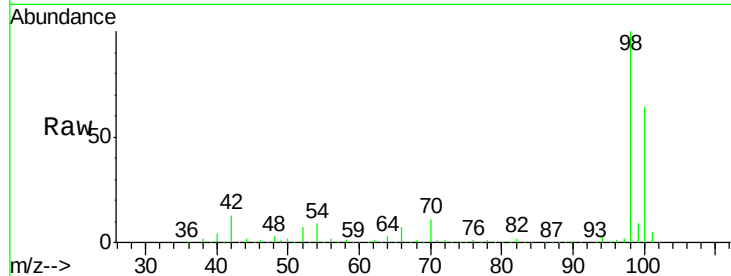




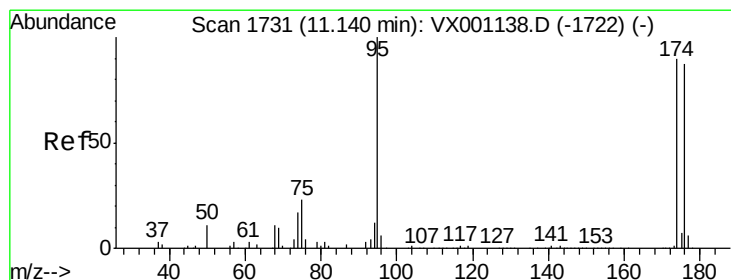
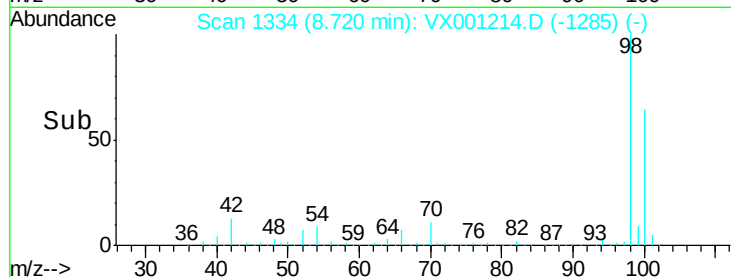
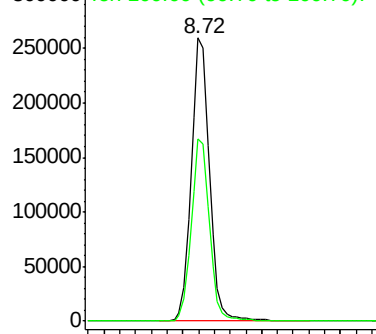
#50
Toluene-d8
Concen: 53.87 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001214.D
Acq: 28 Apr 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20180424

Tgt Ion: 98 Resp: 418043
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

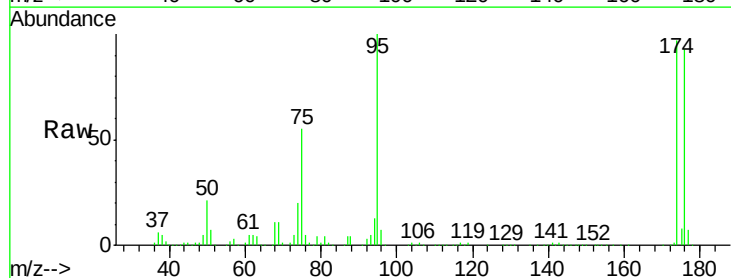


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

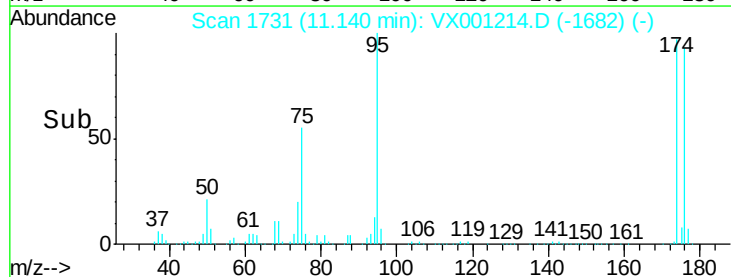
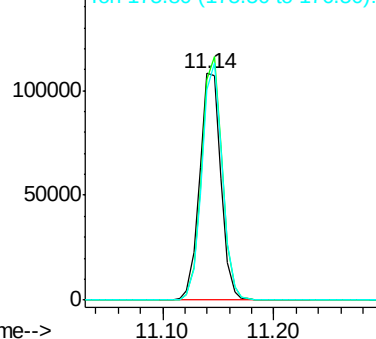


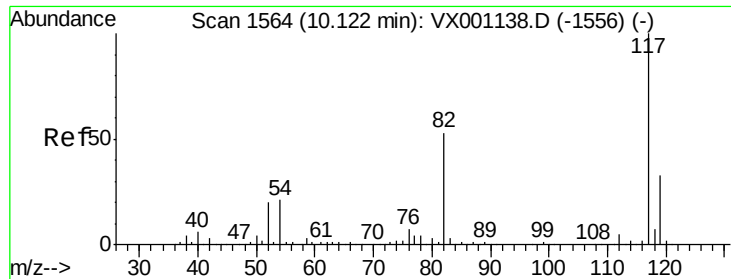
#62
4-Bromofluorobenzene
Concen: 46.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001214.D
Acq: 28 Apr 2018 15:30

Tgt Ion: 95 Resp: 142199
Ion Ratio Lower Upper
95 100
174 103.5 0.0 194.4
176 100.6 0.0 190.2



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

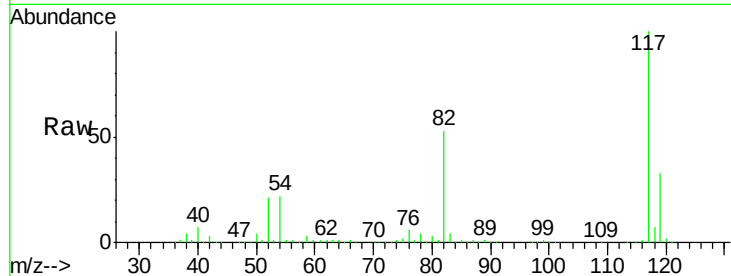




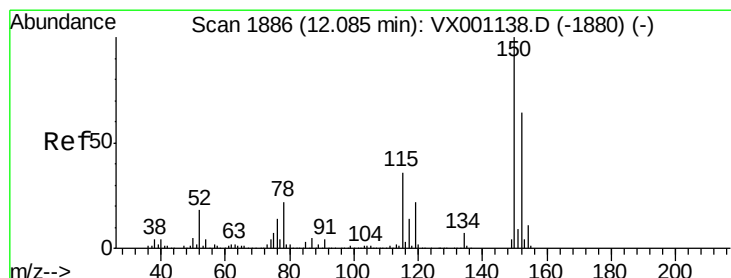
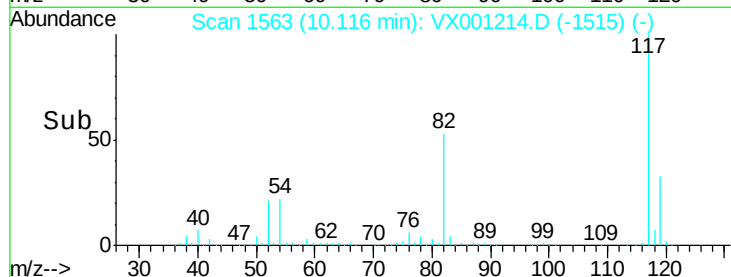
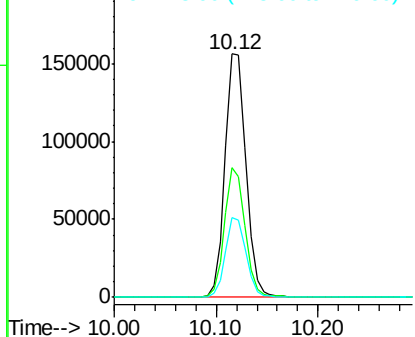
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001214.D
Acq: 28 Apr 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20180424

Tgt Ion:117 Resp: 223754
Ion Ratio Lower Upper
117 100
82 53.3 42.1 63.1
119 32.7 26.1 39.1

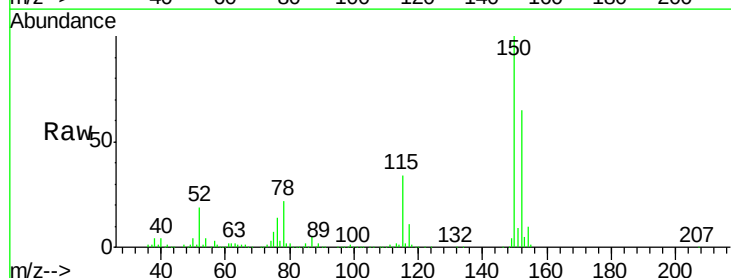


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

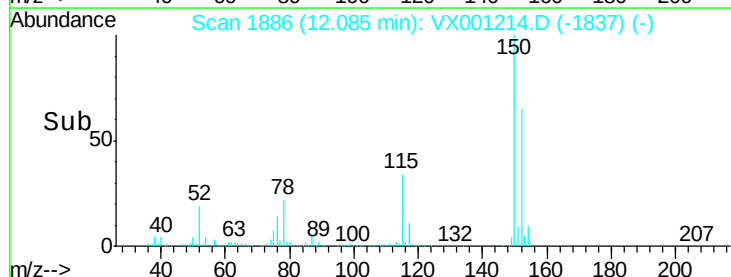
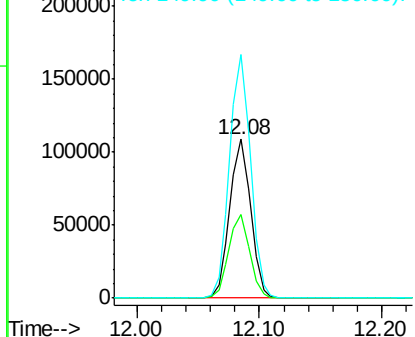


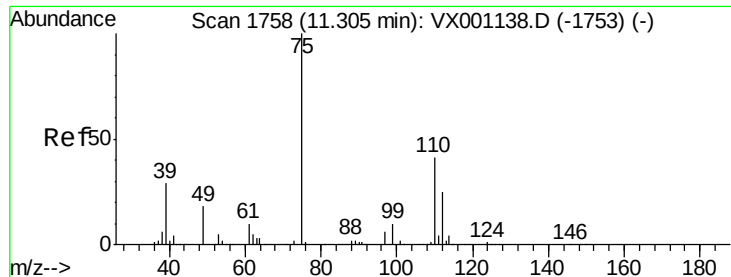
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001214.D
Acq: 28 Apr 2018 15:30

Tgt Ion:152 Resp: 128544
Ion Ratio Lower Upper
152 100
115 52.9 38.0 114.0
150 154.2 0.0 349.6



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: 28.19 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001214.D

Acq: 28 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

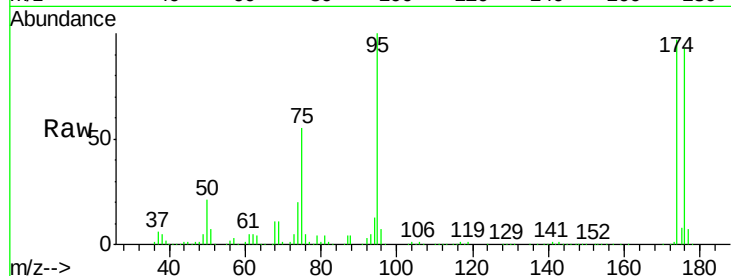
BP-TB01-20180424

Tgt Ion: 75 Resp: 73797

Ion Ratio Lower Upper

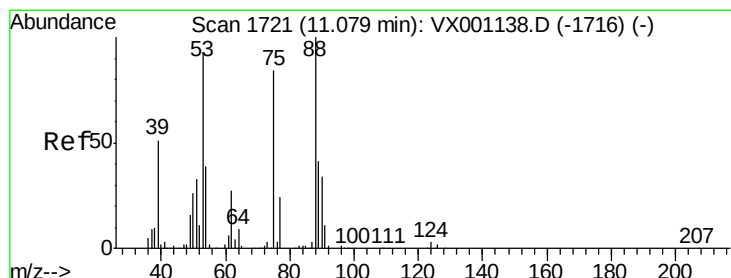
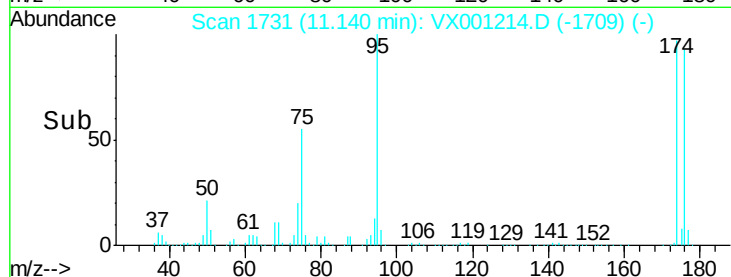
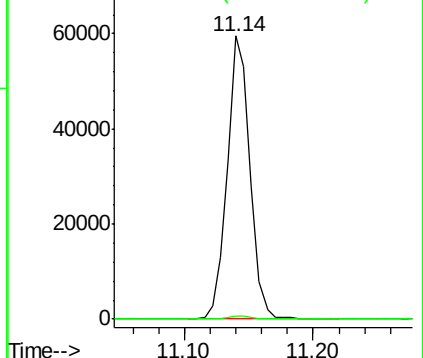
75 100

77 1.1 18.9 56.9#



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: 85.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001214.D

Acq: 28 Apr 2018 15:30

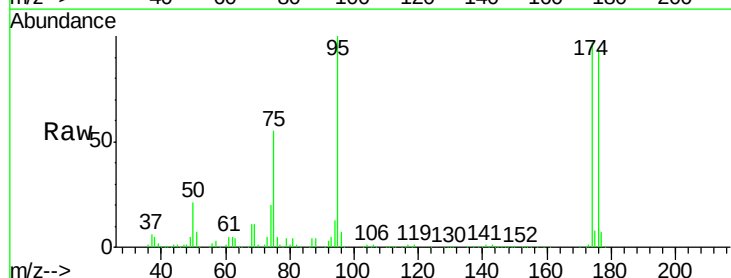
Tgt Ion: 75 Resp: 73797

Ion Ratio Lower Upper

75 100

53 0.0 87.9 131.9#

89 0.0 37.7 56.5#



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

