

Data File : VX001250.D

Acq On : 29 Apr 2018 07:43

Operator : JC/MD

Sample : J2600-21

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 47 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW03-20180425

Quant Time: Apr 30 01:46:51 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	182621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	248964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	224602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	125540	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	139319	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	5.51	113	110696	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	8.72	98	415578	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	11.14	95	135069	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

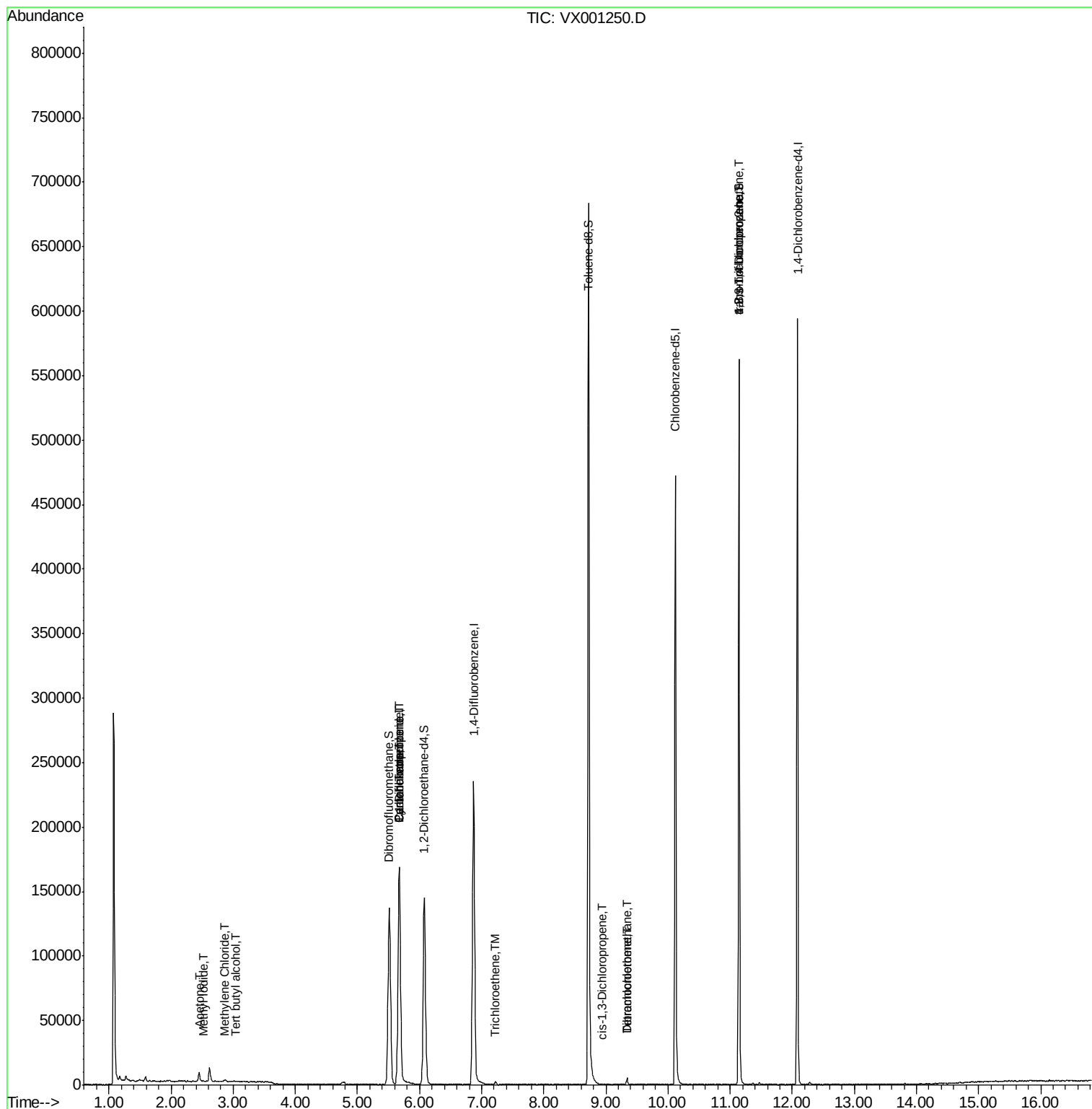
Target Compounds

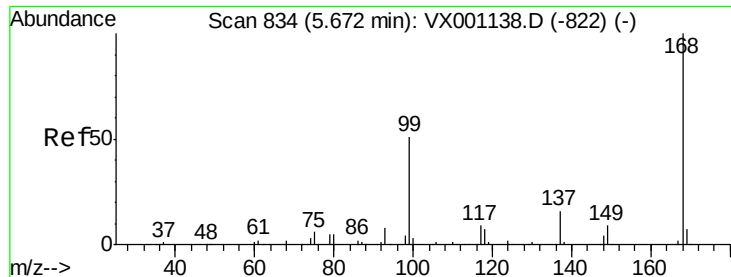
						Qvalue
5) Bromomethane	1.61	94	92	Below Cal	#	3
10) Methyl Iodide	2.51	142	65	7.27	ug/l #	41
11) Tert butyl alcohol	3.04	59	404	0.72	ug/l #	86
16) Acetone	2.45	43	6828	5.87	ug/l	99
20) Methylene Chloride	2.86	84	491	0.23	ug/l #	79
31) Cyclohexane	5.67	56	3209	1.07	ug/l #	10
36) 1,1-Dichloropropene	5.67	75	11722	4.27	ug/l #	49
38) Carbon Tetrachloride	5.67	117	15215	5.41	ug/l #	16
44) Trichloroethene	7.22	130	843	0.36	ug/l	85
54) cis-1,3-Dichloropropene	8.95	75	21	3.19	ug/l #	16
60) Dibromochloromethane	9.34	129	874	3.66	ug/l #	11
64) Tetrachloroethene	9.34	164	932	0.39	ug/l #	80
76) 1,2,3-Trichloropropane	11.14	75	70833	27.71	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	70833	84.17	ug/l #	6

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

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ALS Vial      : 47      Sample Multiplier: 1
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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: VX001250.D

Acq: 29 Apr 2018 07:43

Instrument :

MSVOA_X

ClientSampleId :

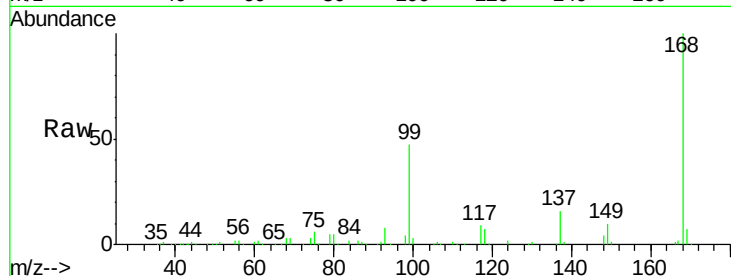
BP-FW-MW03-20180425

Tgt Ion: 168 Resp: 182621

Ion Ratio Lower Upper

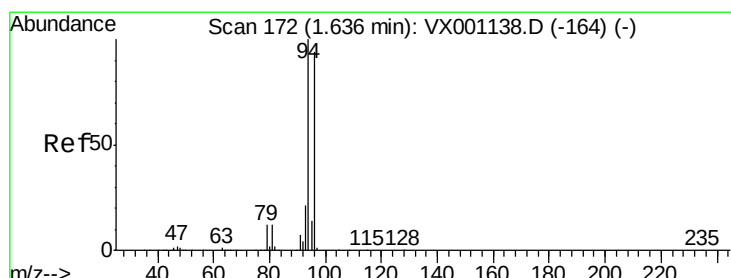
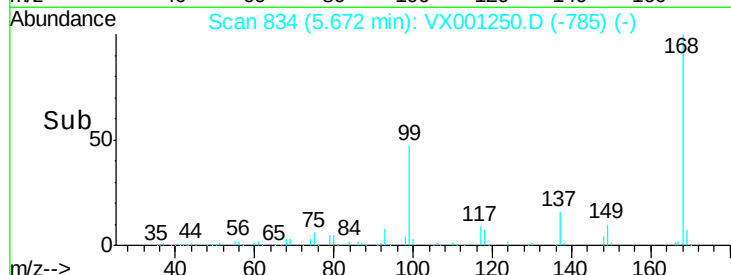
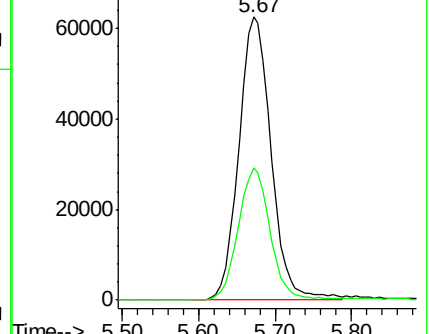
168 100

99 46.7 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: 1.61 min Scan# 168

Delta R.T. -0.02 min

Lab File: VX001250.D

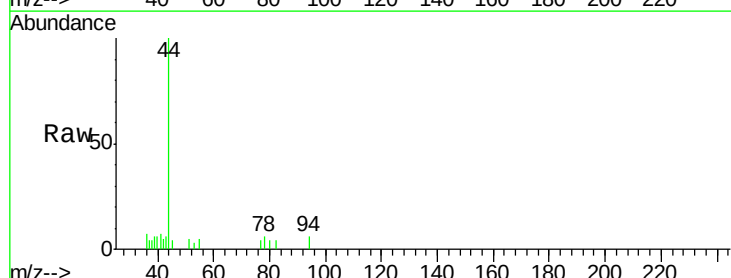
Acq: 29 Apr 2018 07:43

Tgt Ion: 94 Resp: 92

Ion Ratio Lower Upper

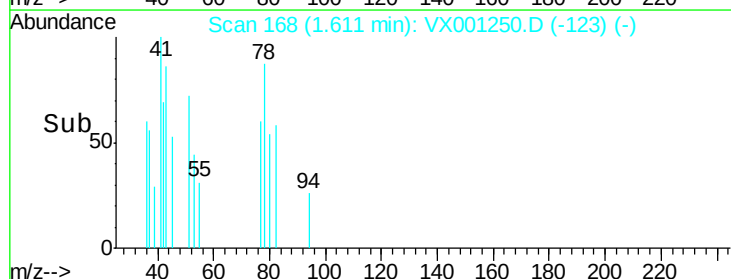
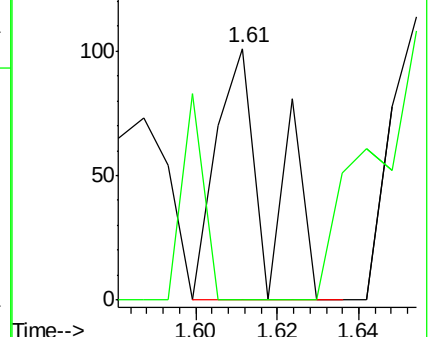
94 100

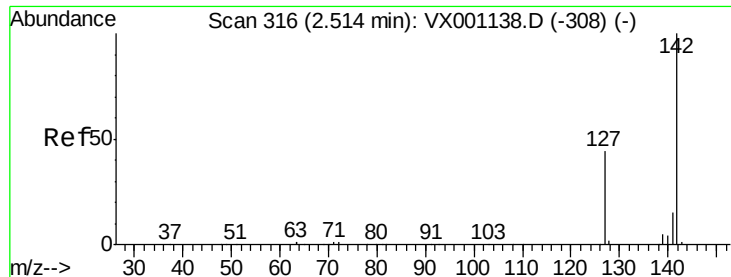
96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

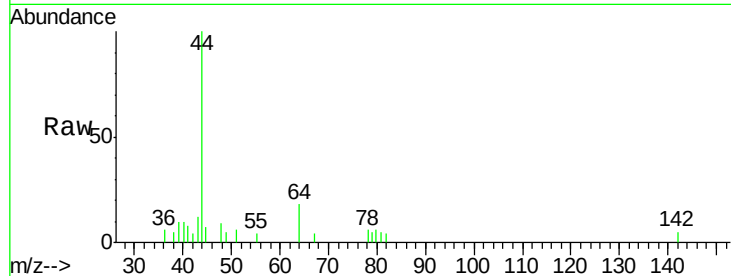




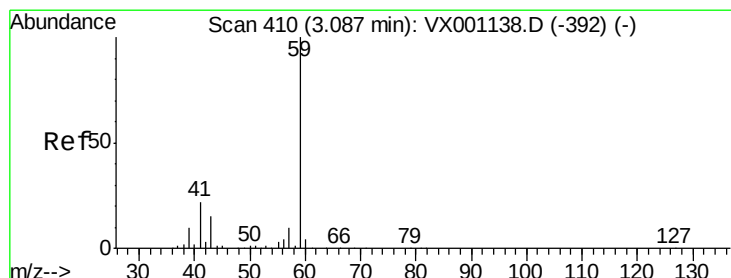
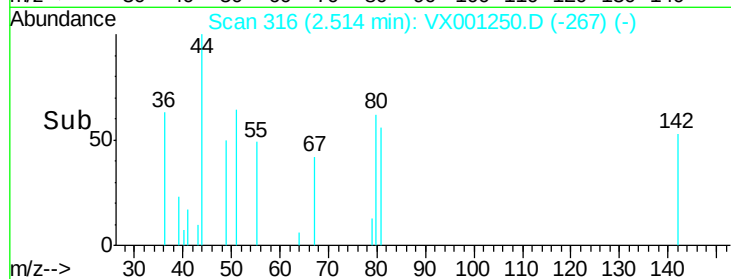
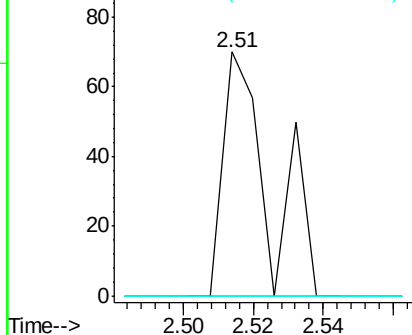
#10
Methyl Iodide
Concen: 7.27 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001250.D
Acq: 29 Apr 2018 07:43

Instrument :
MSVOA_X
ClientSampleId :
BP-FW-MW03-20180425

Tgt Ion: 142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.6 17.4#

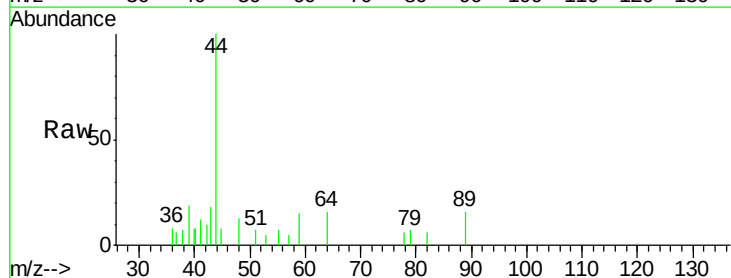


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

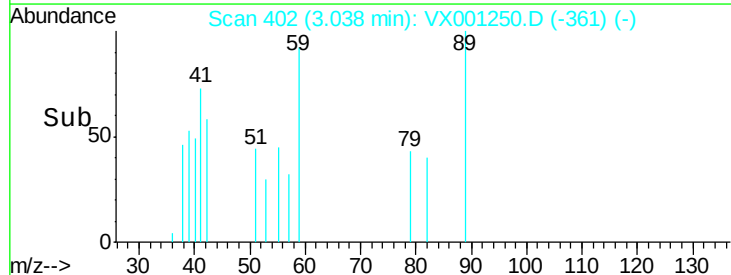
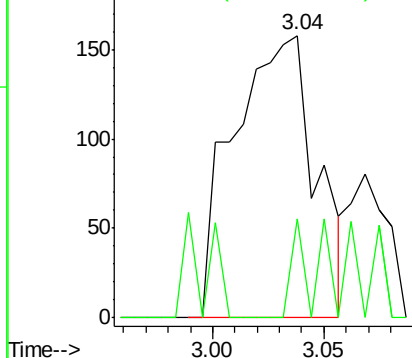


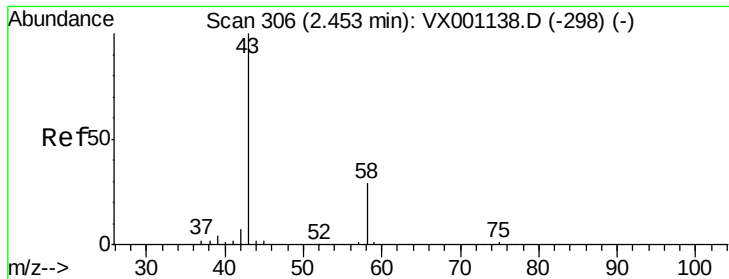
#11
Tert butyl alcohol
Concen: 0.72 ug/l
RT: 3.04 min Scan# 402
Delta R.T. -0.05 min
Lab File: VX001250.D
Acq: 29 Apr 2018 07:43

Tgt Ion: 59 Resp: 404
Ion Ratio Lower Upper
59 100
57 5.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 5.87 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001250.D

Acq: 29 Apr 2018 07:43

Instrument :

MSVOA_X

ClientSampleId :

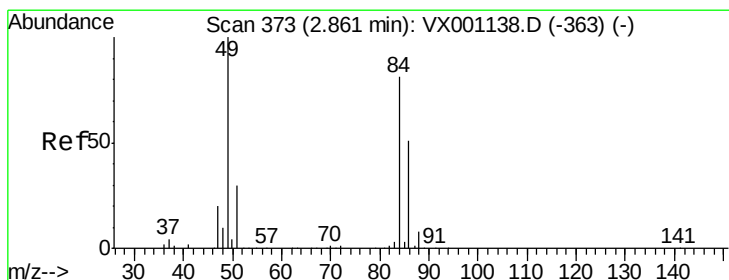
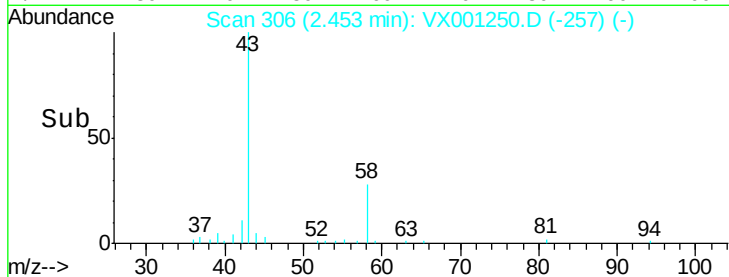
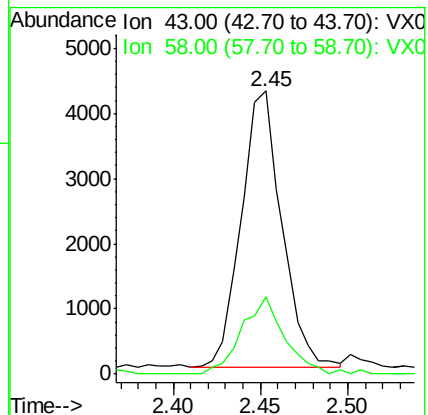
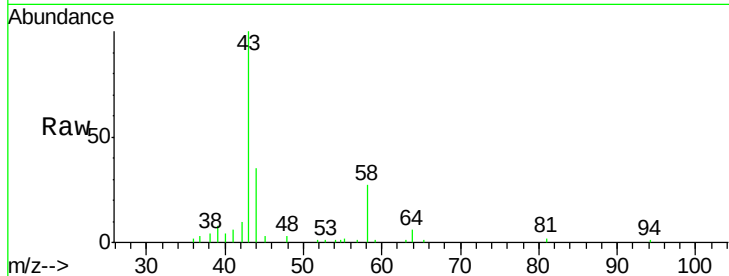
BP-FW-MW03-20180425

Tgt Ion: 43 Resp: 6828

Ion Ratio Lower Upper

43 100

58 28.1 23.0 34.6



#20

Methylene Chloride

Concen: 0.23 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001250.D

Acq: 29 Apr 2018 07:43

Tgt Ion: 84 Resp: 491

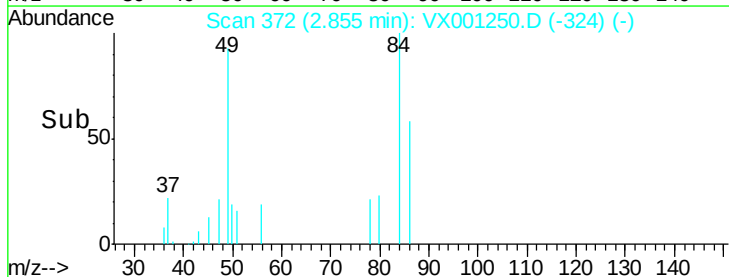
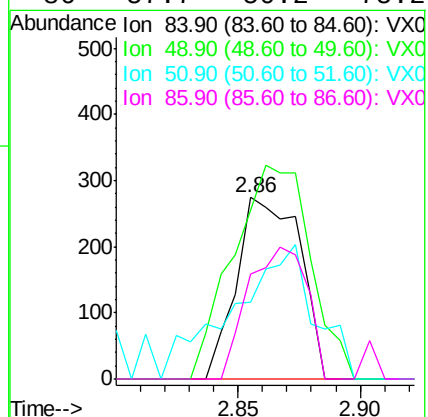
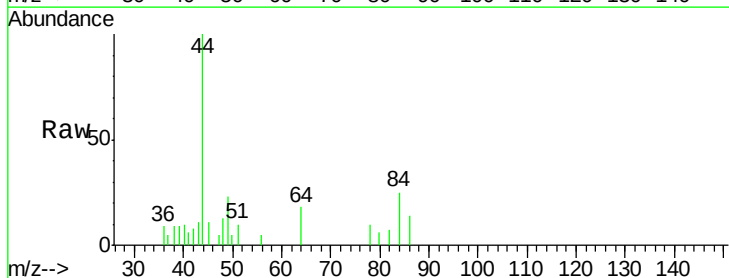
Ion Ratio Lower Upper

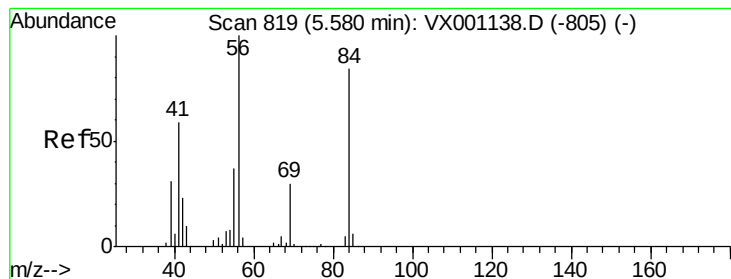
84 100

49 93.1 99.2 148.8#

51 21.9 29.5 44.3#

86 57.7 50.2 75.2





#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001250.D

Acq: 29 Apr 2018 07:43

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW03-20180425

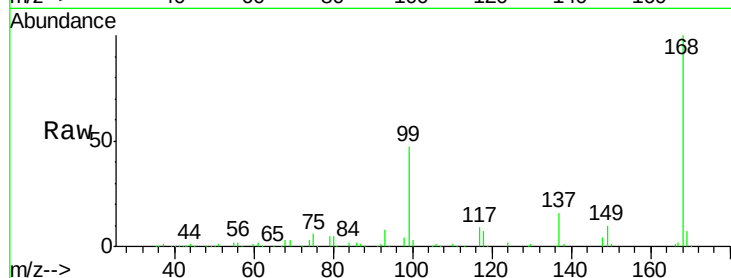
Tgt Ion: 56 Resp: 3209

Ion Ratio Lower Upper

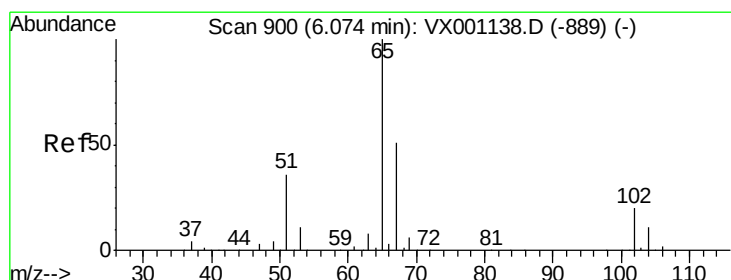
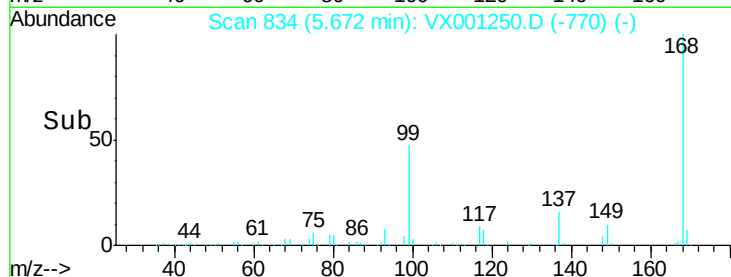
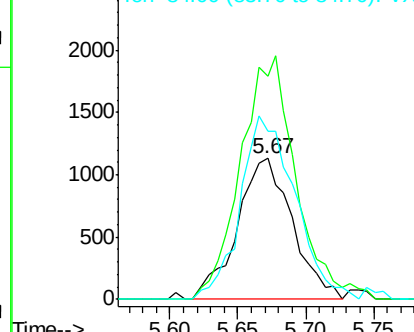
56 100

69 158.2 24.2 36.2#

84 119.0 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: 49.21 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001250.D

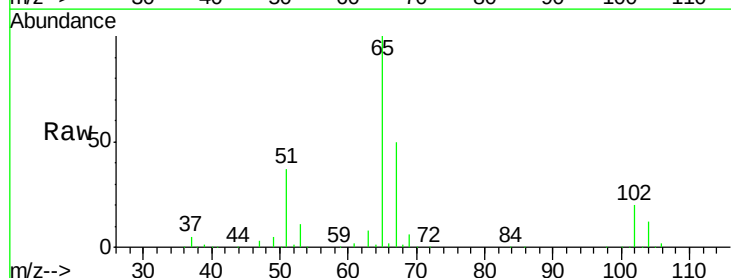
Acq: 29 Apr 2018 07:43

Tgt Ion: 65 Resp: 139319

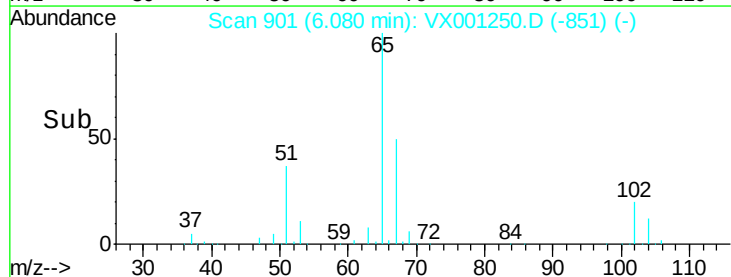
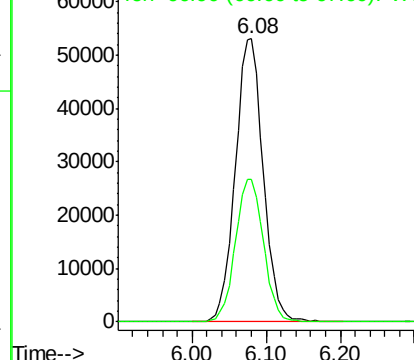
Ion Ratio Lower Upper

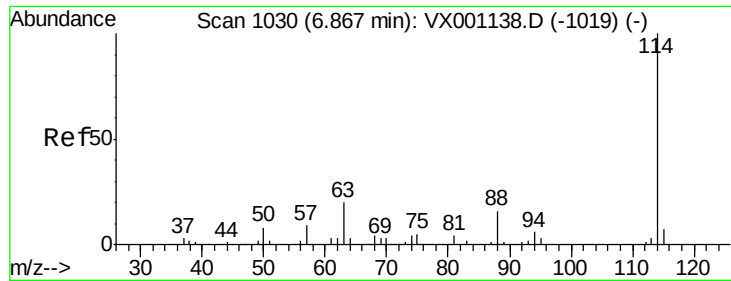
65 100

67 50.9 0.0 102.2



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

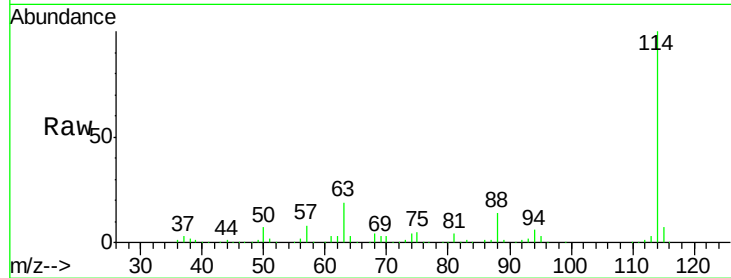




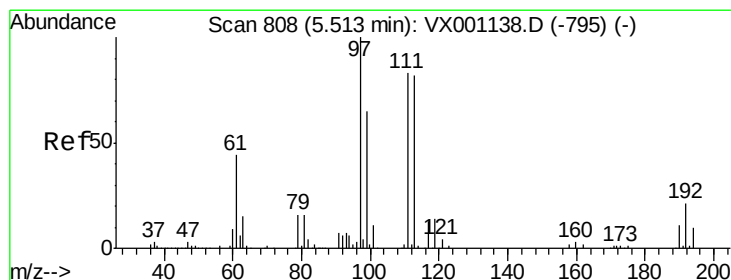
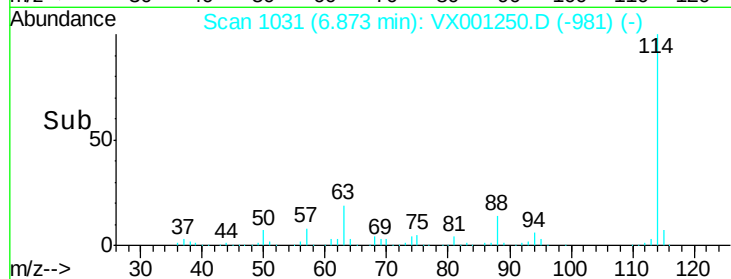
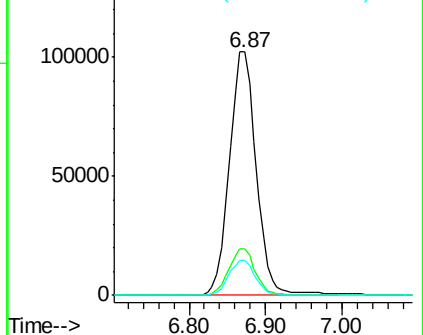
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001250.D
 Acq: 29 Apr 2018 07:43

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-FW-MW03-20180425

Tgt Ion:114 Resp: 248964
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.4
 88 14.3 0.0 31.8

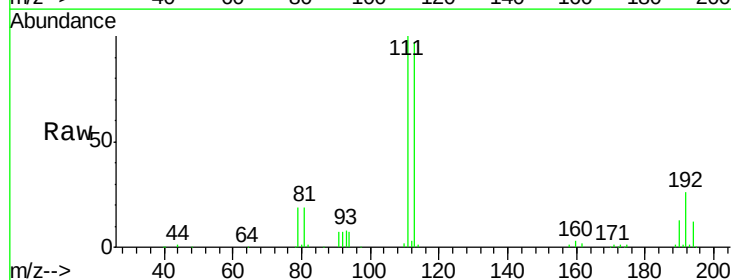


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

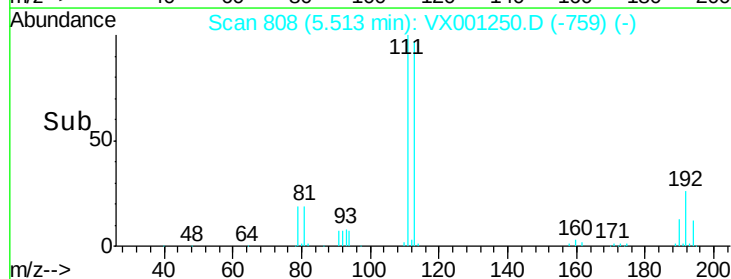
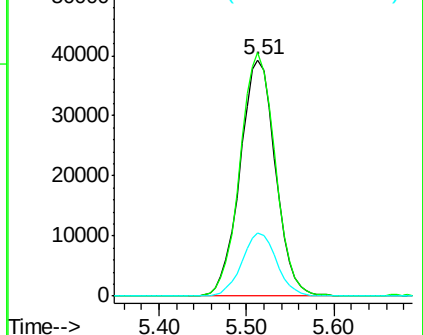


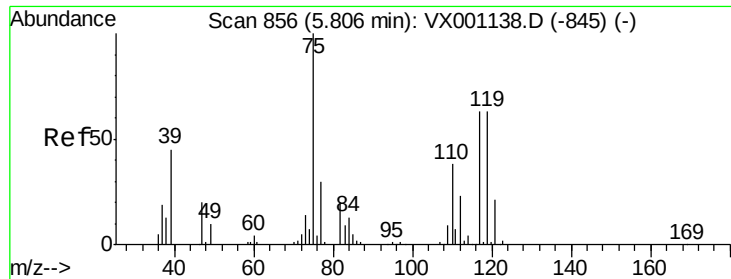
#35
 Dibromofluoromethane
 Concen: 53.72 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001250.D
 Acq: 29 Apr 2018 07:43

Tgt Ion:113 Resp: 110696
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 26.3 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

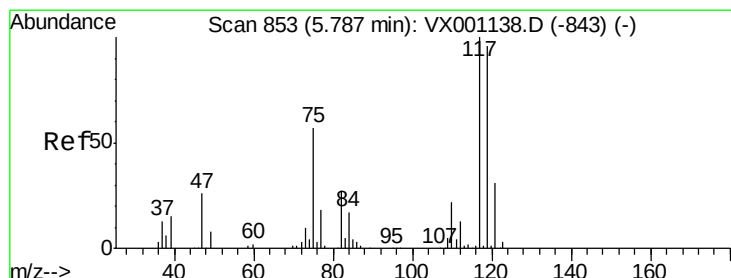
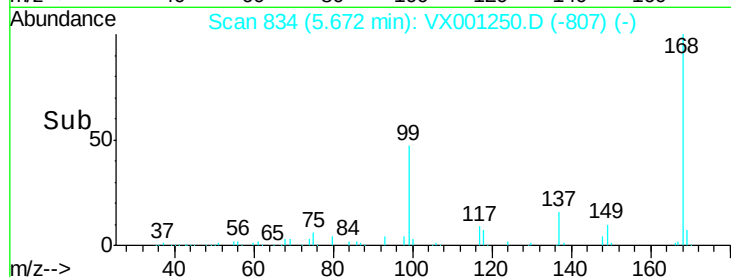
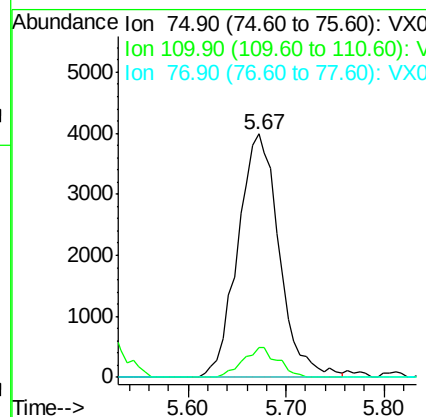
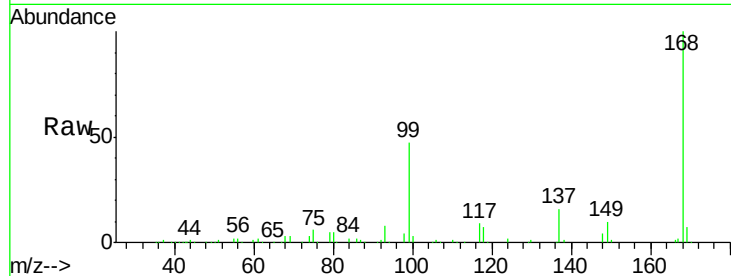




#36
 1,1-Dichloropropene
 Concen: 4.27 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001250.D
 Acq: 29 Apr 2018 07:43

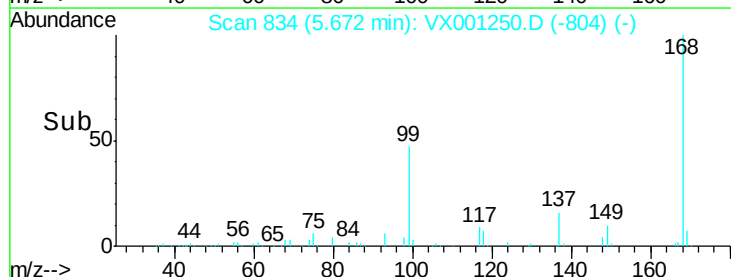
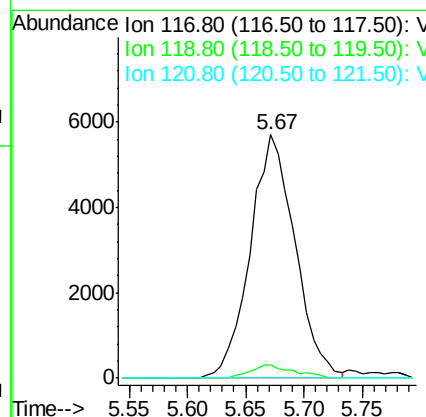
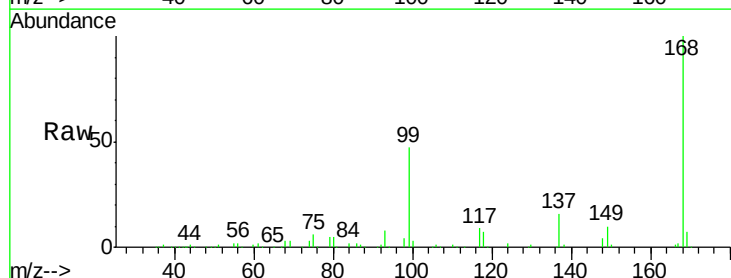
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-FW-MW03-20180425

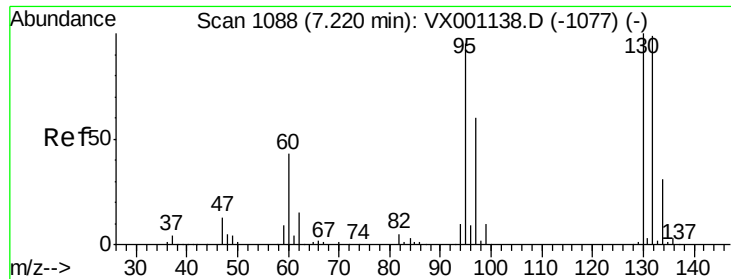
Tgt Ion: 75 Resp: 11722
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.0 57.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.41 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001250.D
 Acq: 29 Apr 2018 07:43

Tgt Ion: 117 Resp: 15215
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.5 114.7#
 121 0.0 24.6 37.0#





#44

Trichloroethene

Concen: 0.36 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001250.D

Acq: 29 Apr 2018 07:43

Instrument :

MSVOA_X

ClientSampleId :

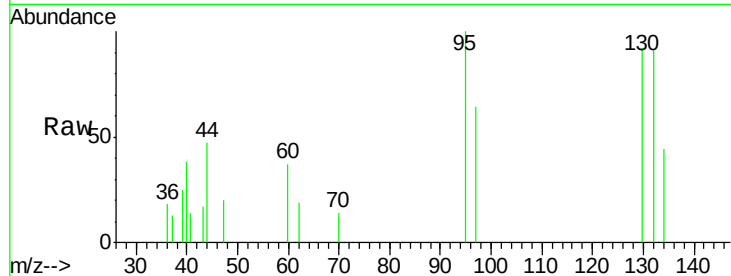
BP-FW-MW03-20180425

Tgt Ion:130 Resp: 843

Ion Ratio Lower Upper

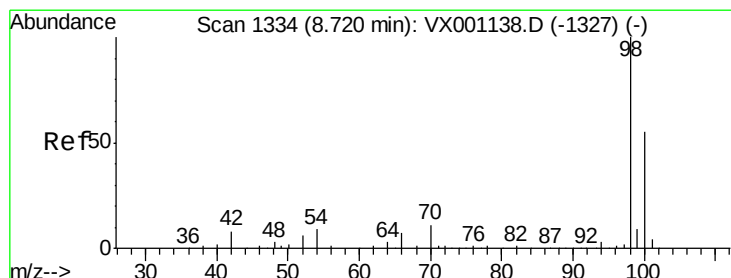
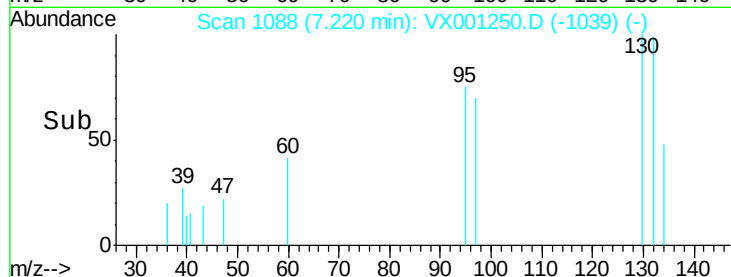
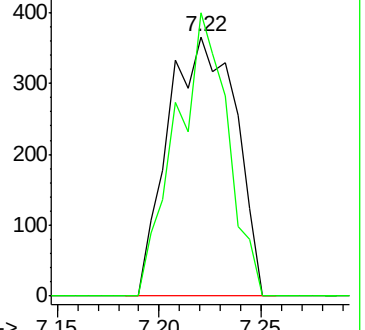
130 100

95 109.0 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.44 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001250.D

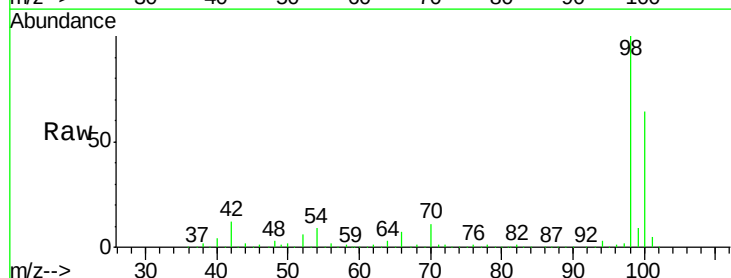
Acq: 29 Apr 2018 07:43

Tgt Ion: 98 Resp: 415578

Ion Ratio Lower Upper

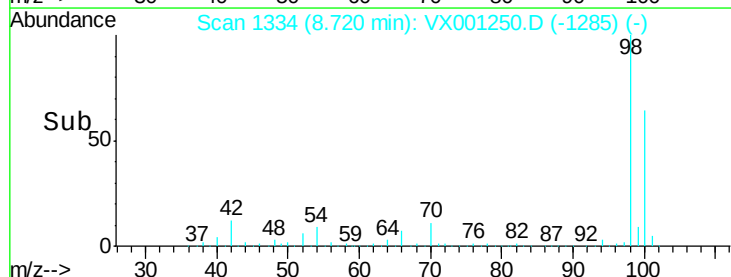
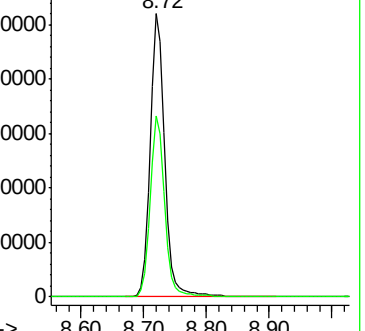
98 100

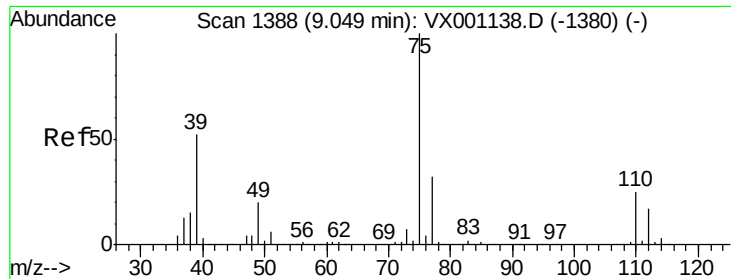
100 64.2 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



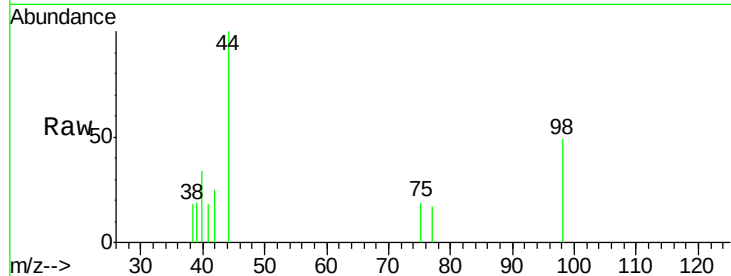


#54

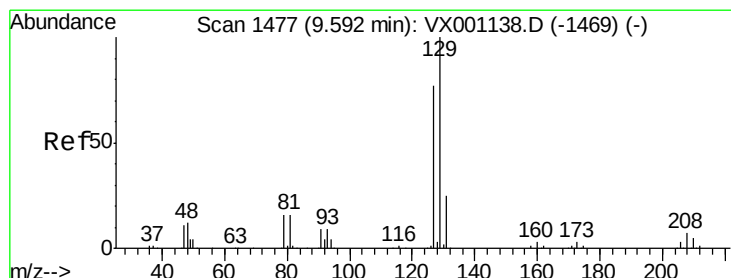
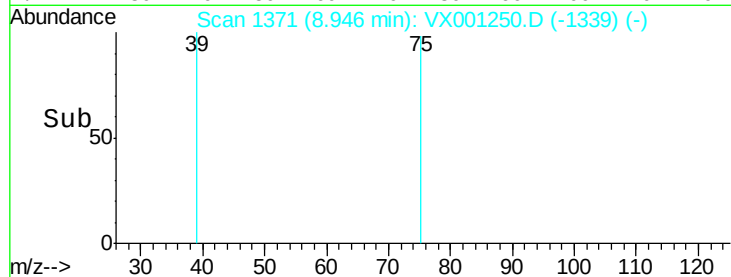
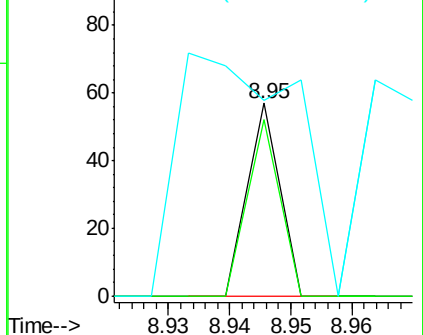
cis-1,3-Dichloropropene
 Concen: 3.19 ug/l
 RT: 8.95 min Scan# 1371
 Delta R.T. -0.10 min
 Lab File: VX001250.D
 Acq: 29 Apr 2018 07:43

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-FW-MW03-20180425

Tgt Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 77 91.2 25.4 38.2#
 39 101.8 42.0 63.0#



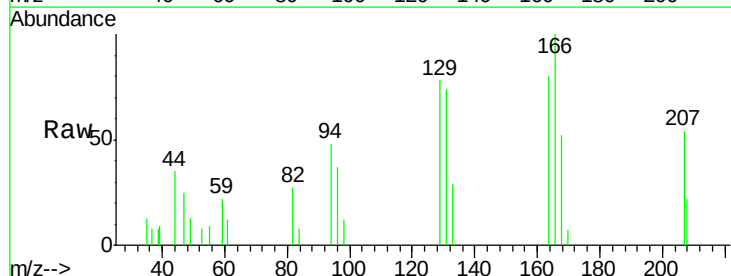
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



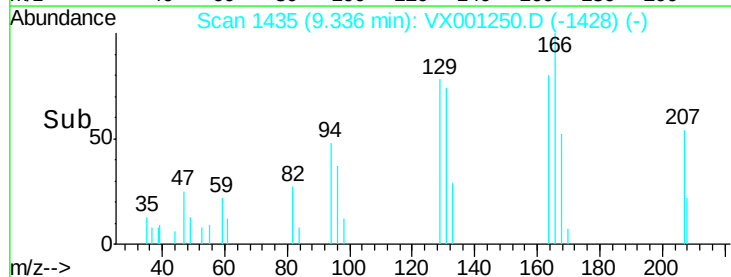
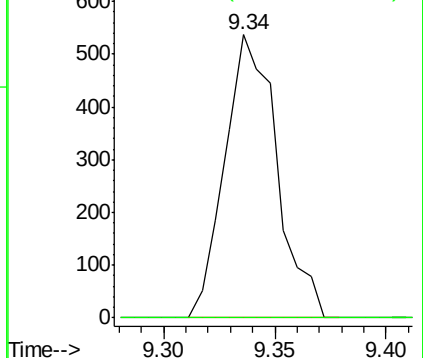
#60

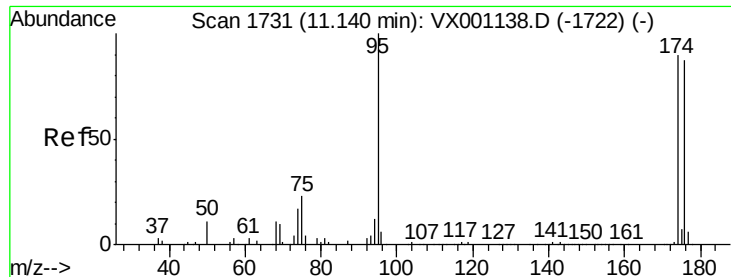
Dibromochloromethane
 Concen: 3.66 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.26 min
 Lab File: VX001250.D
 Acq: 29 Apr 2018 07:43

Tgt Ion: 129 Resp: 874
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 44.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001250.D

Acq: 29 Apr 2018 07:43

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW03-20180425

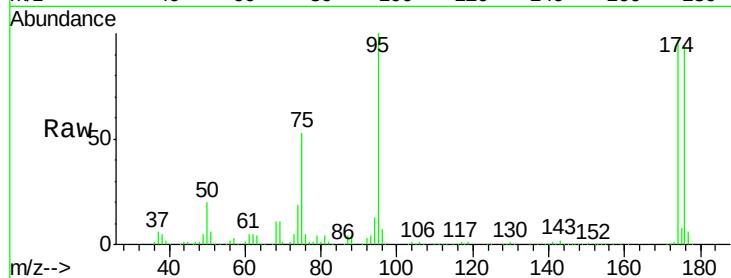
Tgt Ion: 95 Resp: 135069

Ion Ratio Lower Upper

95 100

174 104.4 0.0 194.4

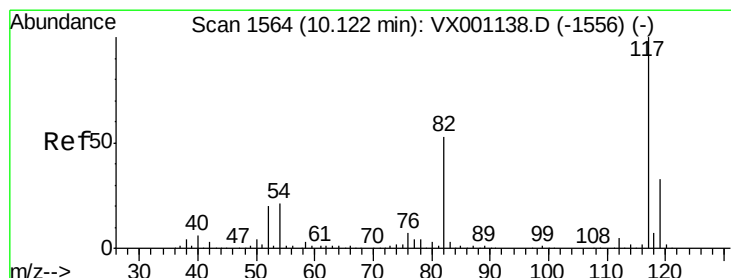
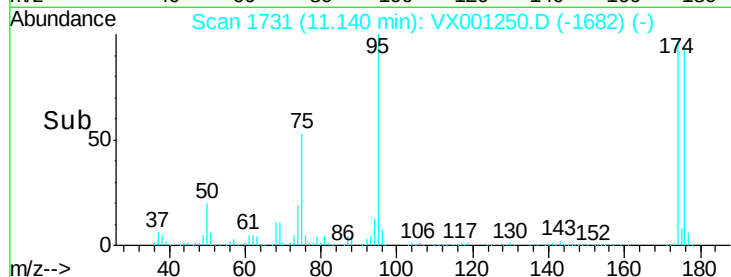
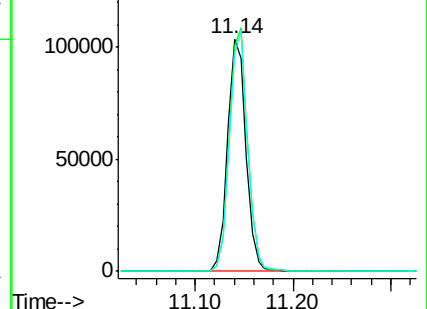
176 102.0 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX001138.D (-1722) (-)

Ion 173.80 (173.50 to 174.50): VX001138.D (-1722) (-)

Ion 175.80 (175.50 to 176.50): VX001138.D (-1722) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001250.D

Acq: 29 Apr 2018 07:43

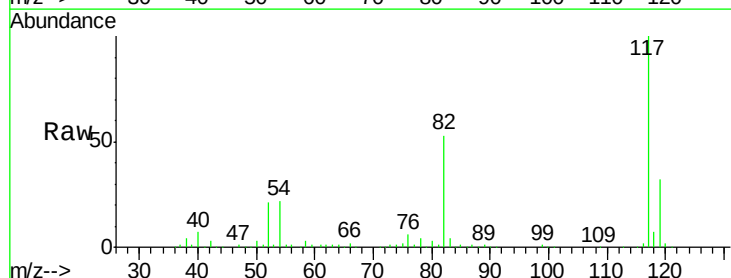
Tgt Ion: 117 Resp: 224602

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

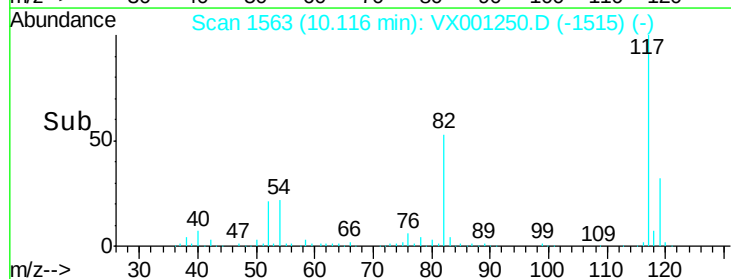
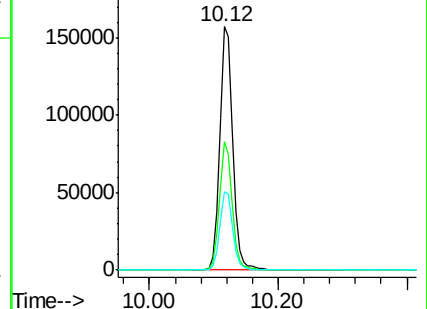
119 32.3 26.1 39.1

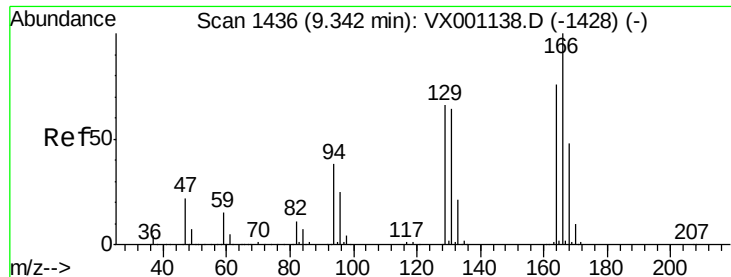


Abundance Ion 116.90 (116.60 to 117.60): VX001138.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001138.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX001138.D (-1556) (-)





#64

Tetrachloroethene

Concen: 0.39 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001250.D

Acq: 29 Apr 2018 07:43

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW03-20180425

Tgt Ion:164 Resp: 932

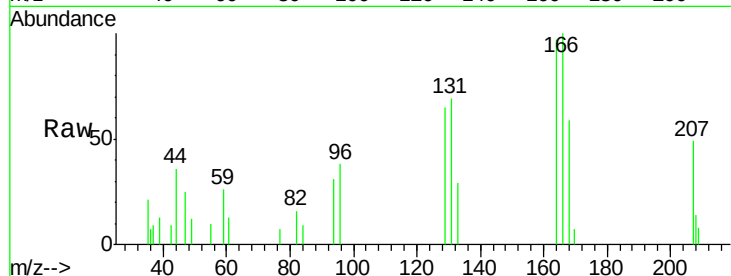
Ion Ratio Lower Upper

164 100

166 103.3 105.0 157.6#

129 67.5 69.4 104.2#

131 71.2 67.3 100.9

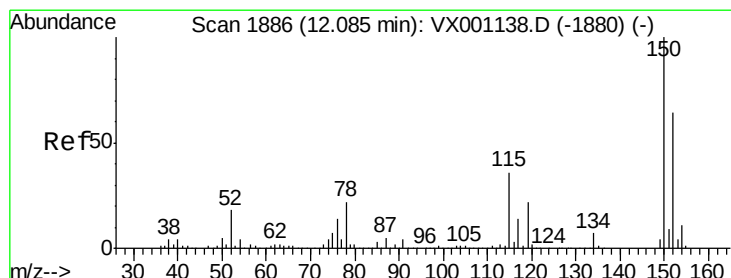
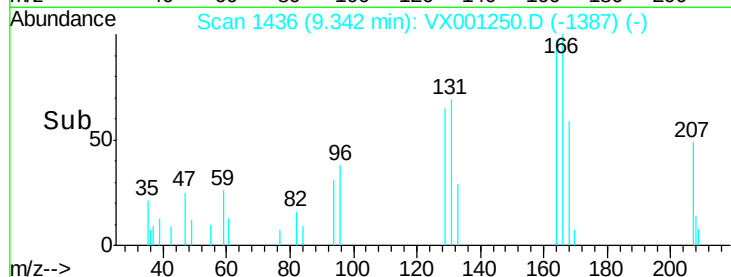
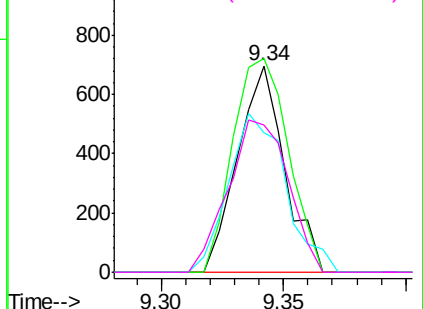


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001250.D

Acq: 29 Apr 2018 07:43

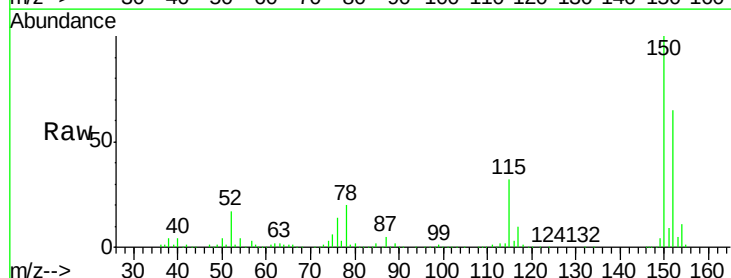
Tgt Ion:152 Resp: 125540

Ion Ratio Lower Upper

152 100

115 51.9 38.0 114.0

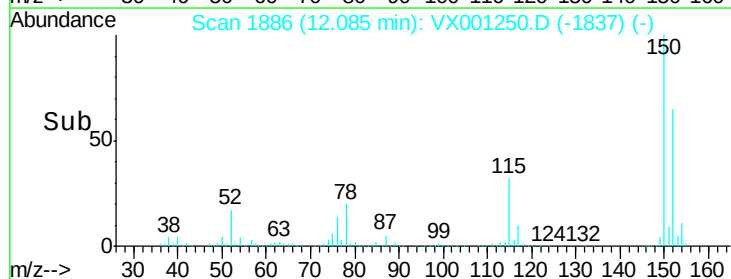
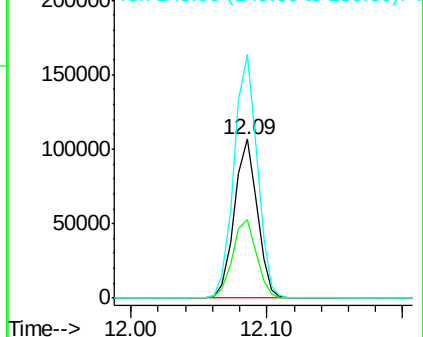
150 155.7 0.0 349.6

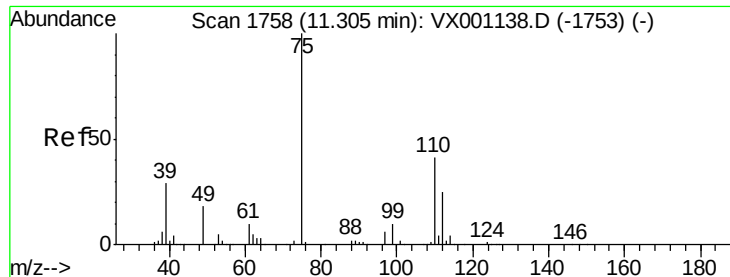


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

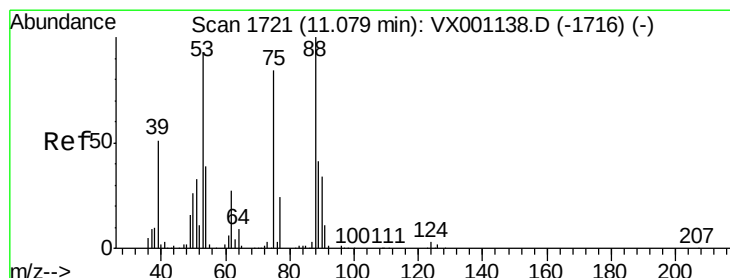
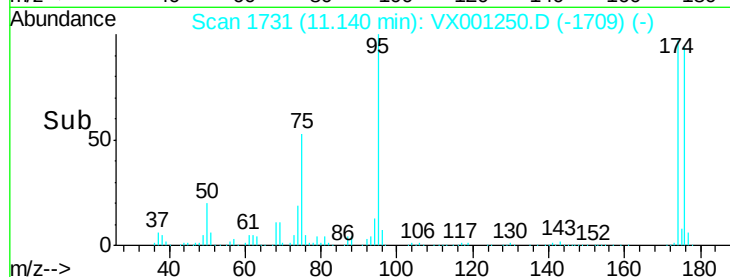
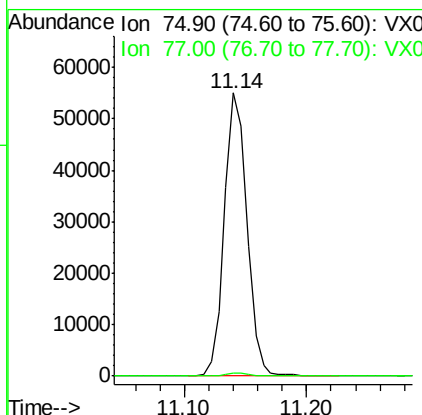
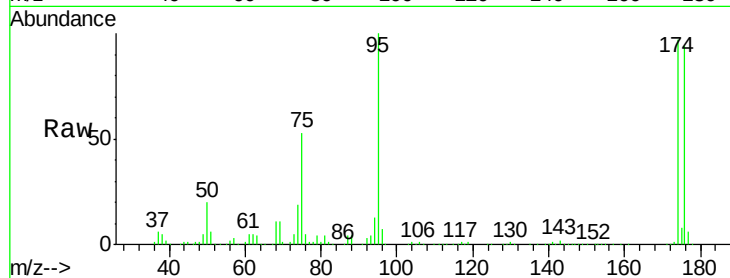




#76
 1,2,3-Trichloropropane
 Concen: 27.71 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001250.D
 Acq: 29 Apr 2018 07:43

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-FW-MW03-20180425

Tgt Ion: 75 Resp: 70833
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.17 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001250.D
 Acq: 29 Apr 2018 07:43

Tgt Ion: 75 Resp: 70833
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.9 131.9#
 89 0.0 37.7 56.5#

