

Data File : VX001249.D

Acq On : 29 Apr 2018 07:17

Operator : JC/MD

Sample : J2600-20

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 46 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW02-20180425

Quant Time: Apr 30 01:46:33 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	5.68	168	176711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	237345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118456	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	132669	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	5.51	113	105987	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	8.72	98	399849	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
62) 4-Bromofluorobenzene	11.14	95	130177	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

Target Compounds

						Qvalue
5) Bromomethane	1.62	94	50	Below Cal	#	3
10) Methyl Iodide	2.52	142	134	7.30	ug/l #	83
11) Tert butyl alcohol	3.03	59	326	0.60	ug/l #	80
13) Acrolein	2.29	56	58	0.28	ug/l	95
16) Acetone	2.45	43	5935	5.27	ug/l	89
20) Methylene Chloride	2.87	84	549	0.26	ug/l	90
24) 1,1-Dichloroethane	3.71	63	2670	0.78	ug/l #	95
25) 2-Butanone	4.73	43	338	0.20	ug/l #	50
27) cis-1,2-Dichloroethene	4.60	96	933	0.43	ug/l	80
31) Cyclohexane	5.67	56	3129	1.07	ug/l #	8
32) 1,1,1-Trichloroethane	5.51	97	3677	1.17	ug/l #	50
36) 1,1-Dichloropropene	5.67	75	10865	4.15	ug/l #	50
38) Carbon Tetrachloride	5.67	117	15140	5.65	ug/l #	16
44) Trichloroethene	7.22	130	8457	3.75	ug/l	94
60) Dibromochloromethane	9.34	129	2651	4.36	ug/l #	11
64) Tetrachloroethene	9.34	164	3118	1.36	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	67394	27.94	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	67394	84.83	ug/l #	6

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

Data File : VX001249.D

Acq On : 29 Apr 2018 07:17

Operator : JC/MD

Sample : J2600-20

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 46 Sample Multiplier: 1

Instrument :

MSVOA_X

Client Sample ID :

BP-FW-MW02-20180425

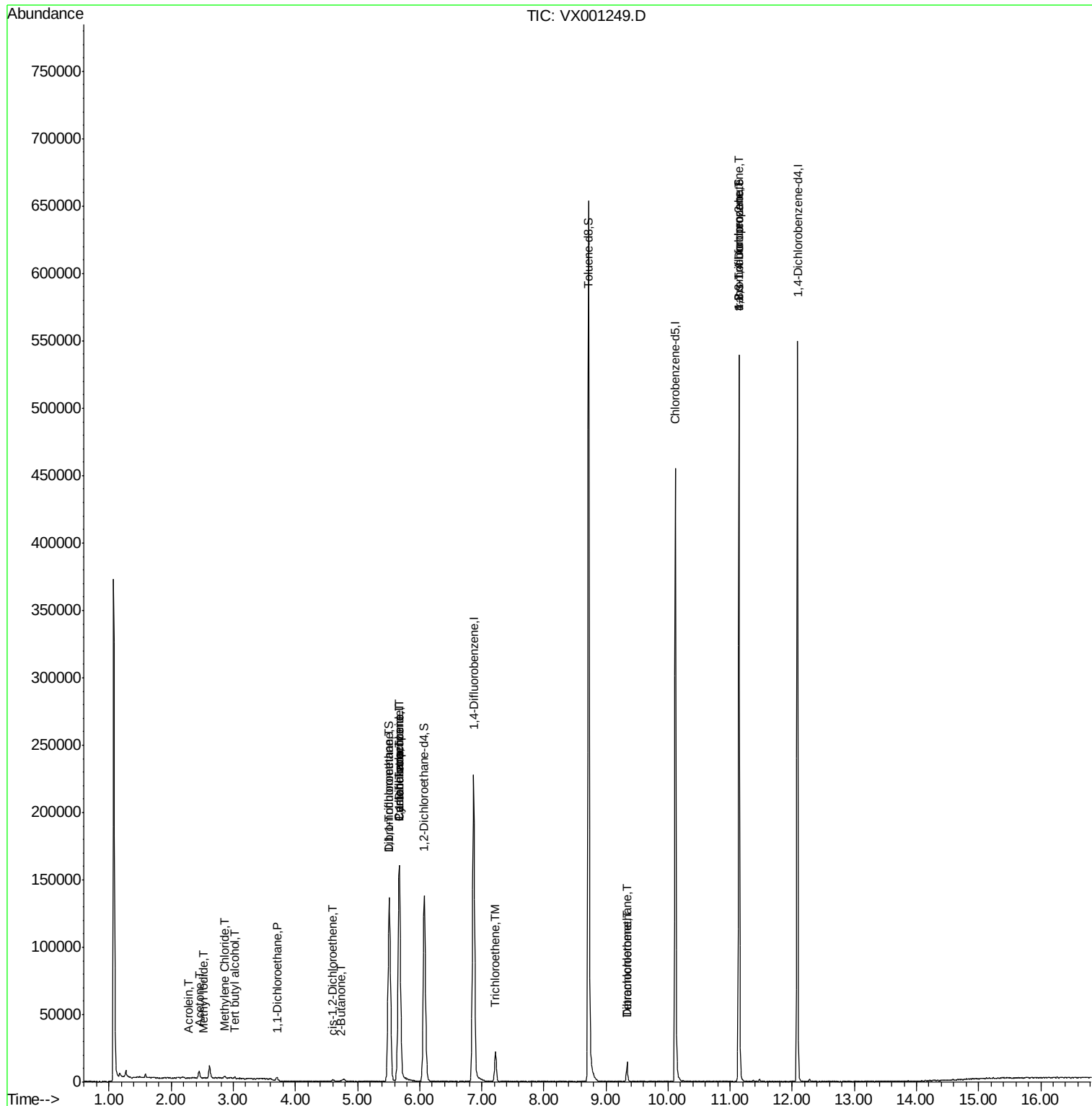
Quant Time: Apr 30 01:46:33 2018

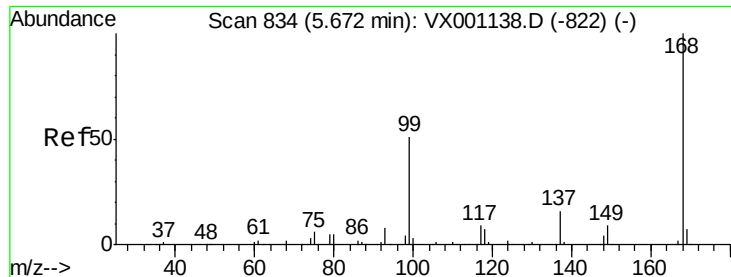
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

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: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

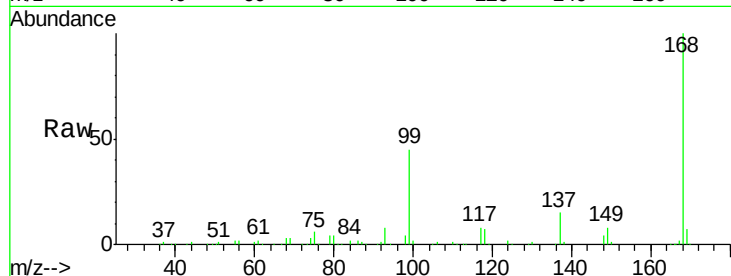
BP-FW-MW02-20180425

Tgt Ion: 168 Resp: 176711

Ion Ratio Lower Upper

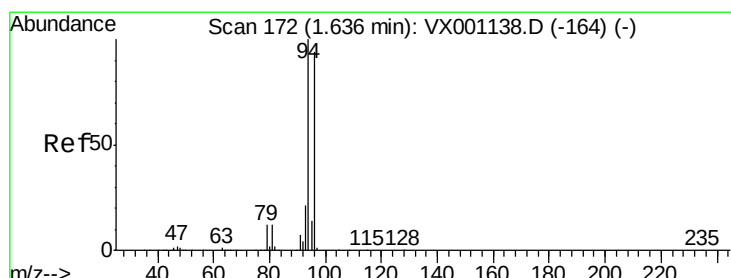
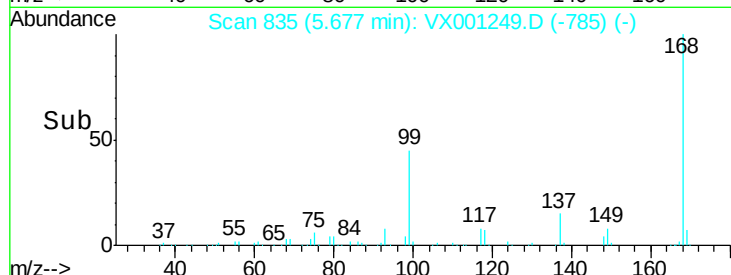
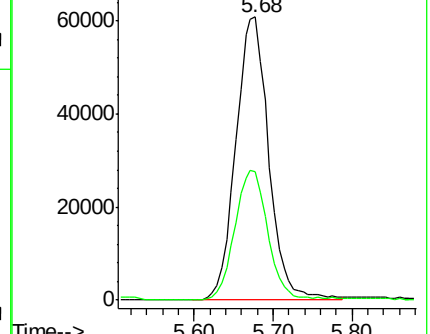
168 100

99 45.3 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: 1.62 min Scan# 169

Delta R.T. -0.02 min

Lab File: VX001249.D

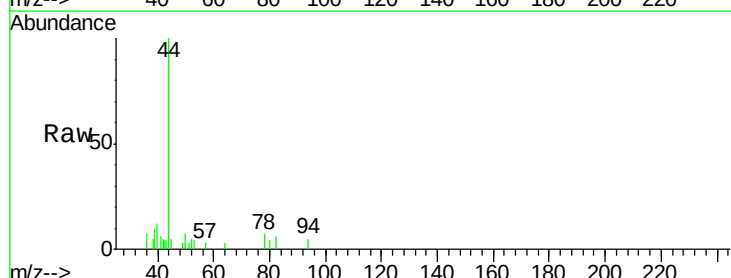
Acq: 29 Apr 2018 07:17

Tgt Ion: 94 Resp: 50

Ion Ratio Lower Upper

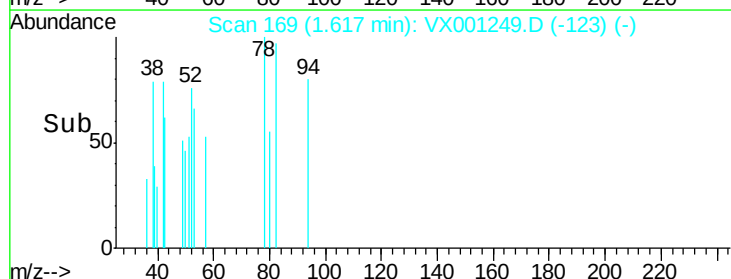
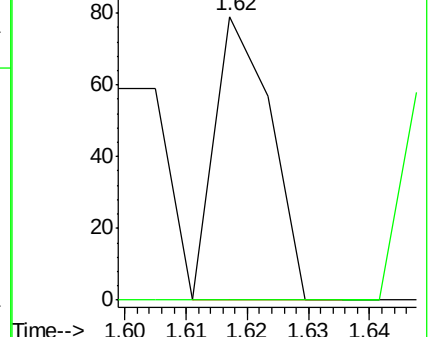
94 100

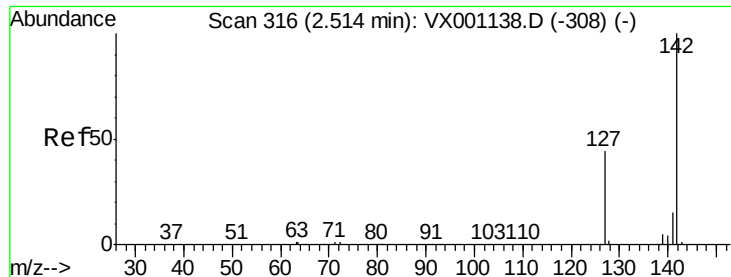
96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

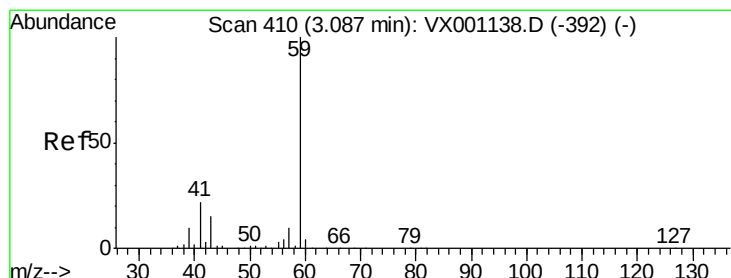
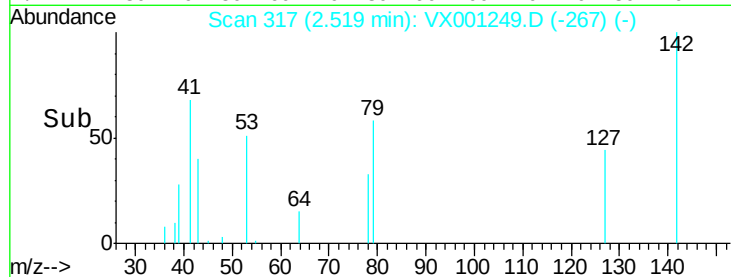
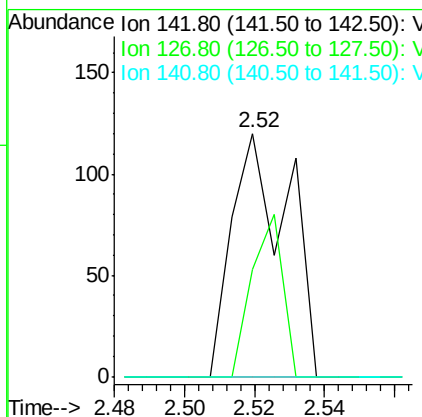
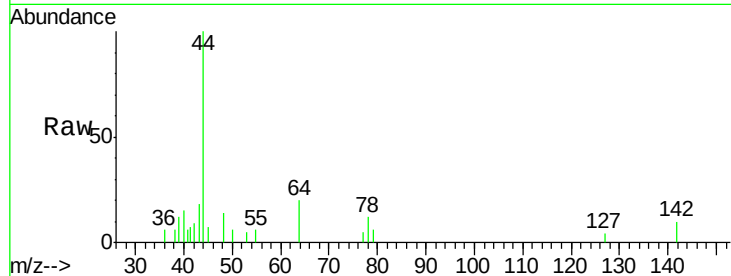




#10
Methyl Iodide
Concen: 7.30 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001249.D
Acq: 29 Apr 2018 07:17

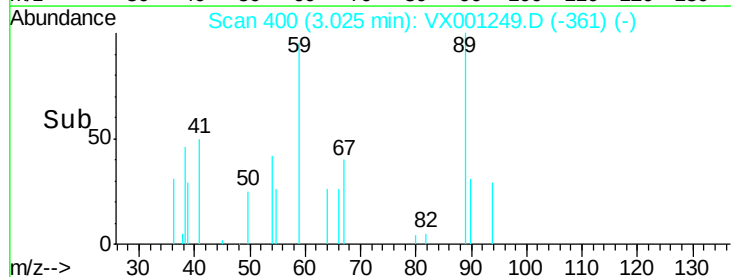
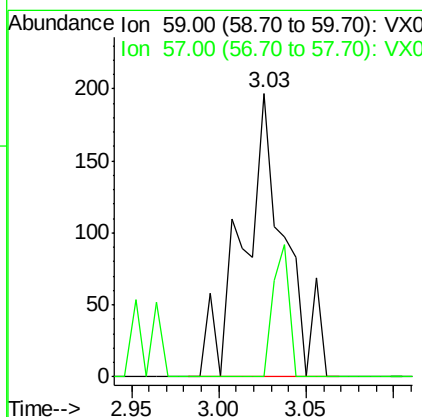
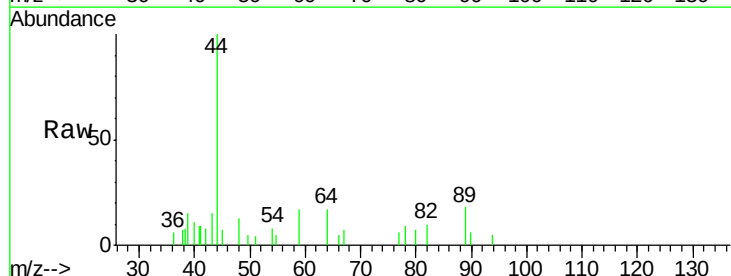
Instrument :
MSVOA_X
ClientSampleId :
BP-FW-MW02-20180425

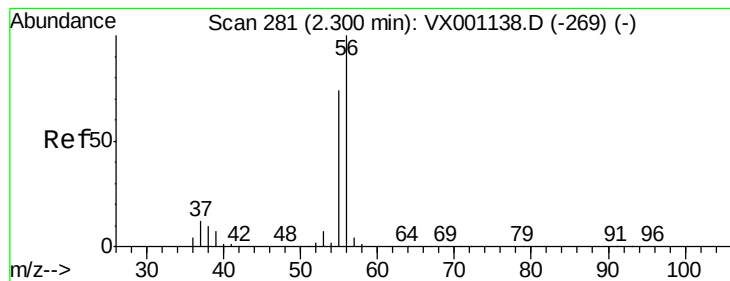
Tgt Ion: 142 Resp: 134
Ion Ratio Lower Upper
142 100
127 36.6 34.7 52.1
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.60 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX001249.D
Acq: 29 Apr 2018 07:17

Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 17.8 8.2 12.4#





#13

Acrolein

Concen: 0.28 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

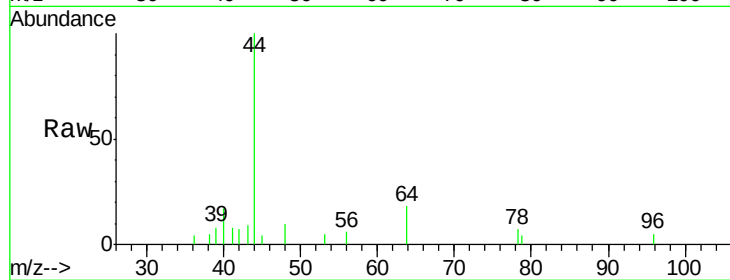
BP-FW-MW02-20180425

Tgt Ion: 56 Resp: 58

Ion Ratio Lower Upper

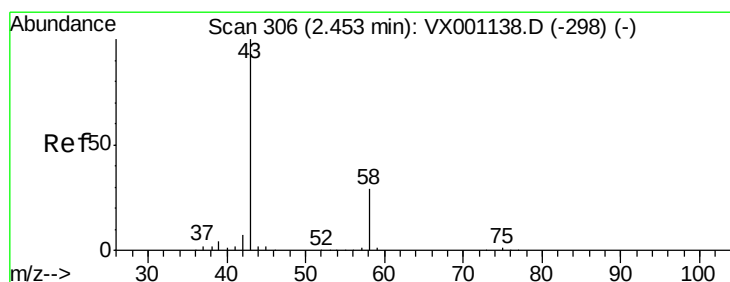
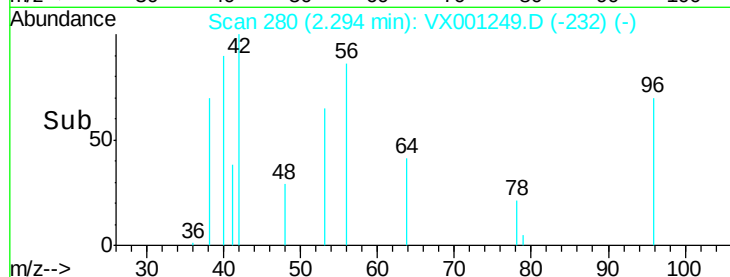
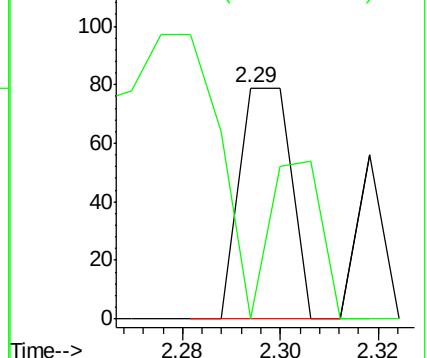
56 100

55 67.2 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 5.27 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001249.D

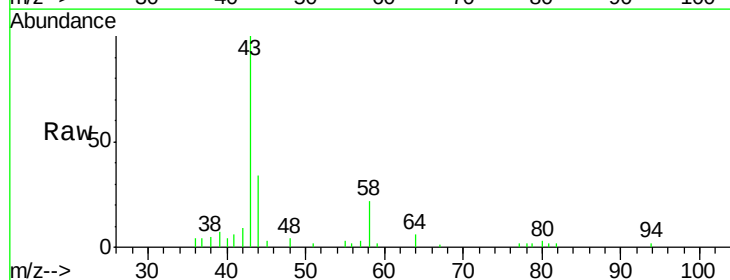
Acq: 29 Apr 2018 07:17

Tgt Ion: 43 Resp: 5935

Ion Ratio Lower Upper

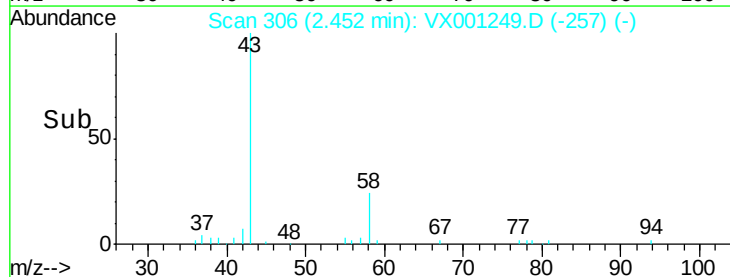
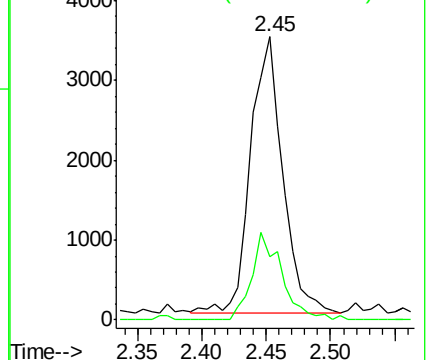
43 100

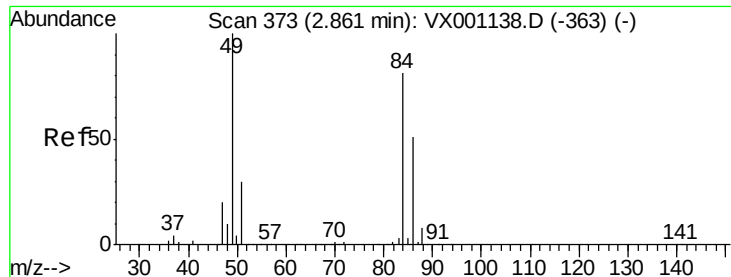
58 23.0 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 0.26 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW02-20180425

Tgt Ion: 84 Resp: 549

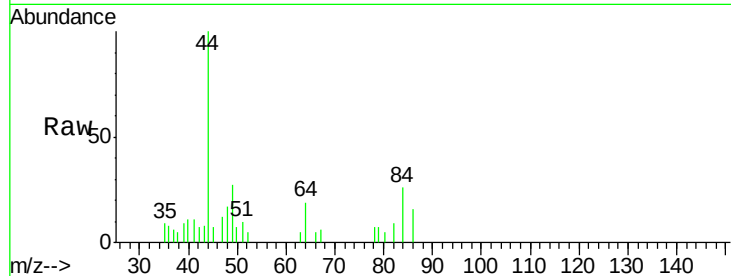
Ion Ratio Lower Upper

84 100

49 104.7 99.2 148.8

51 38.9 29.5 44.3

86 63.0 50.2 75.2

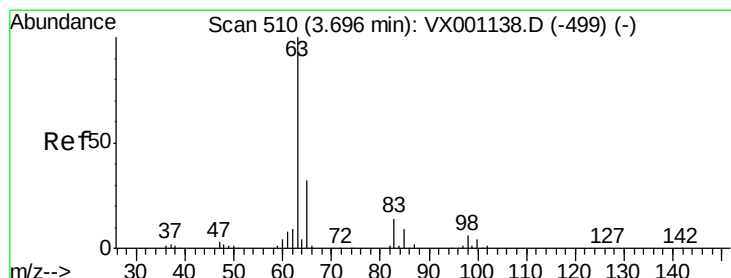
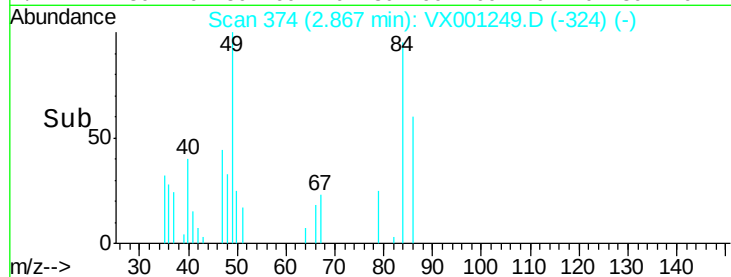
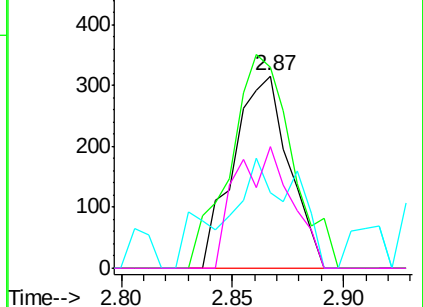


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#24

1,1-Dichloroethane

Concen: 0.78 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

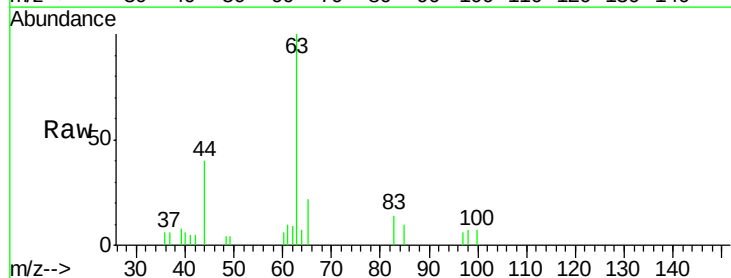
Tgt Ion: 63 Resp: 2670

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.4

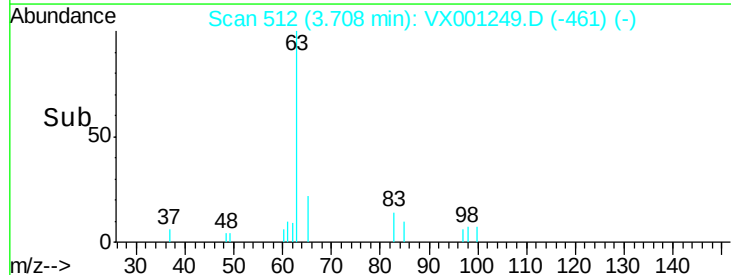
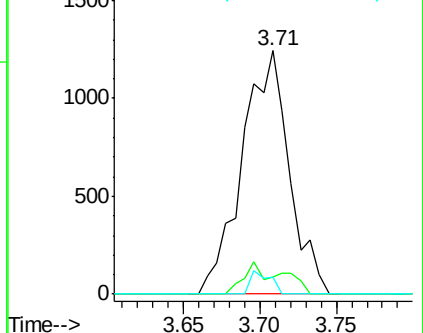
100 7.2 2.1 6.5#

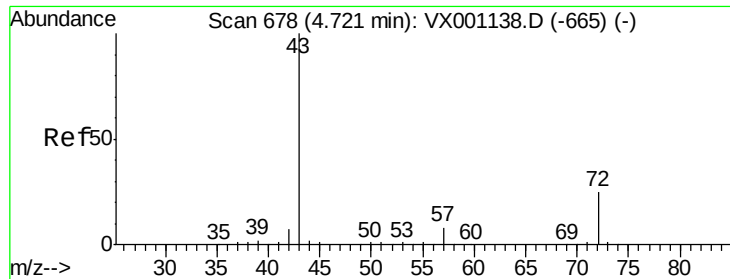


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.20 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

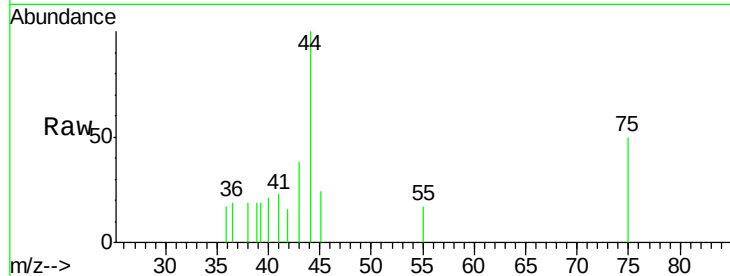
BP-FW-MW02-20180425

Tgt Ion: 43 Resp: 338

Ion Ratio Lower Upper

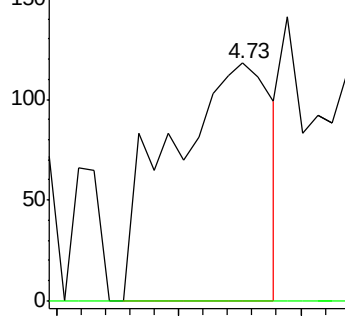
43 100

72 0.0 20.0 30.0#

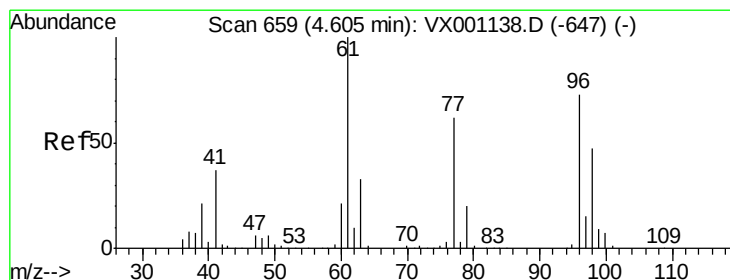
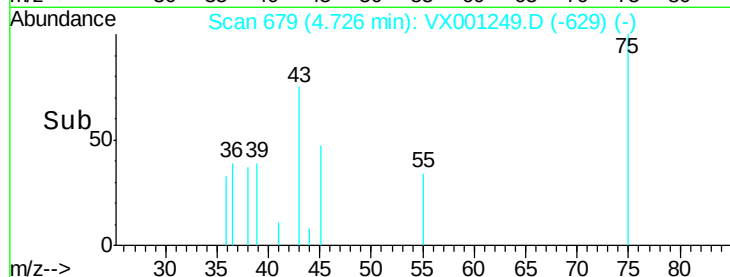


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.43 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

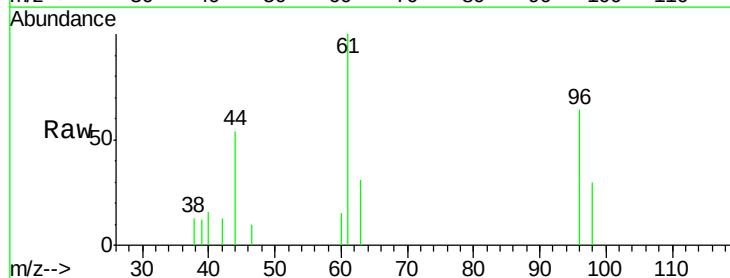
Tgt Ion: 96 Resp: 933

Ion Ratio Lower Upper

96 100

61 111.3 0.0 289.0

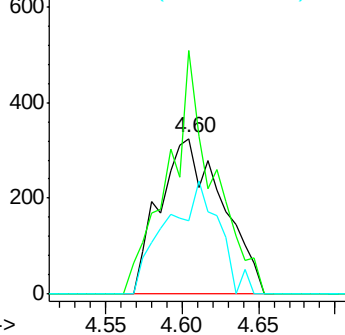
98 60.3 0.0 128.2



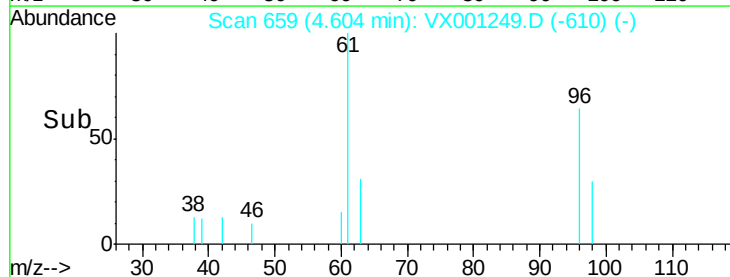
Abundance Ion 95.90 (95.60 to 96.60): VX0

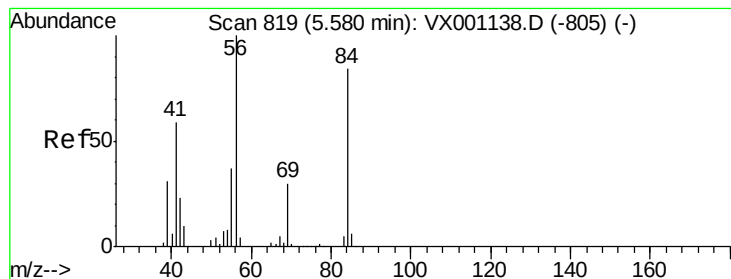
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->





#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW02-20180425

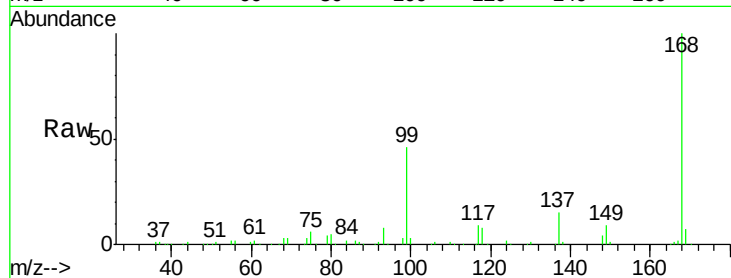
Tgt Ion: 56 Resp: 3129

Ion Ratio Lower Upper

56 100

69 156.0 24.2 36.2#

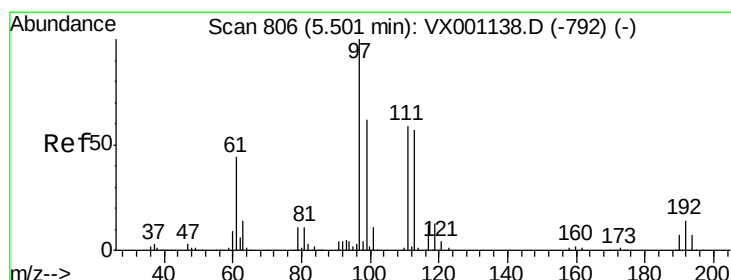
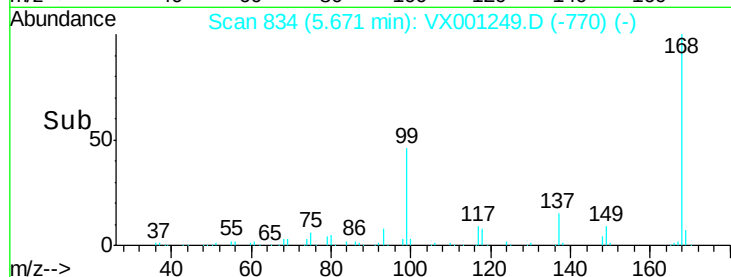
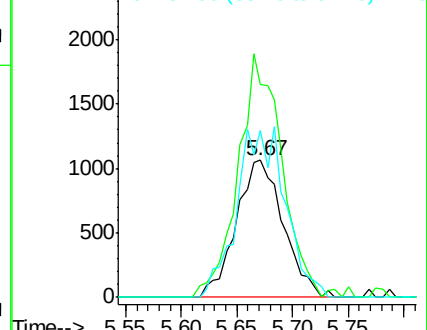
84 122.1 67.5 101.3#



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



#32

1,1,1-Trichloroethane

Concen: 1.17 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

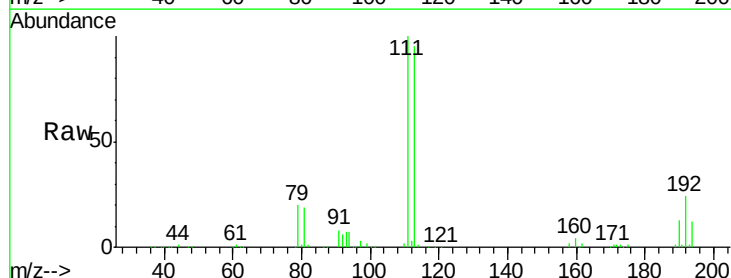
Tgt Ion: 97 Resp: 3677

Ion Ratio Lower Upper

97 100

99 0.0 50.9 76.3#

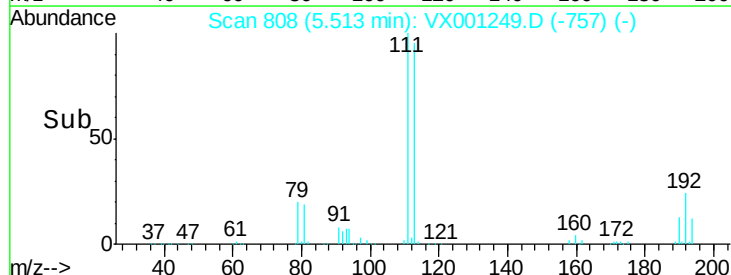
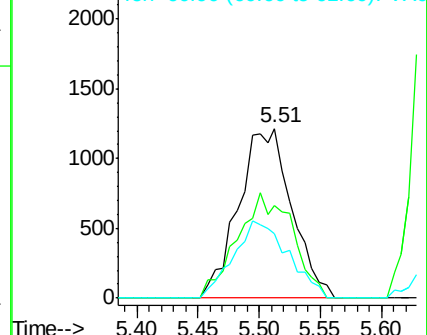
61 46.5 35.0 52.6

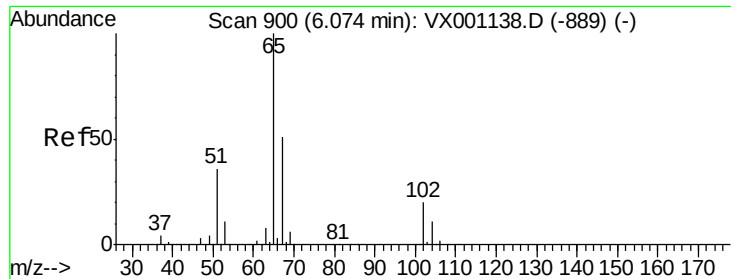


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

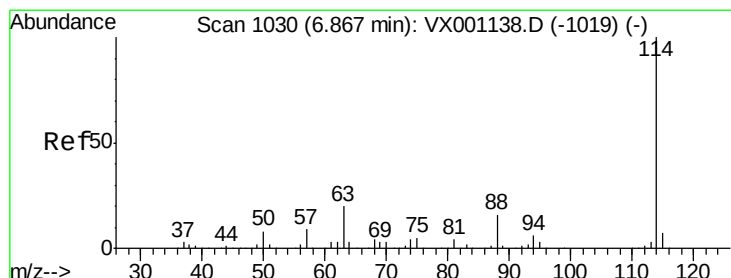
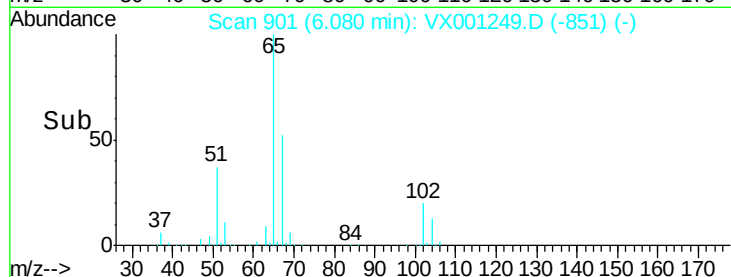
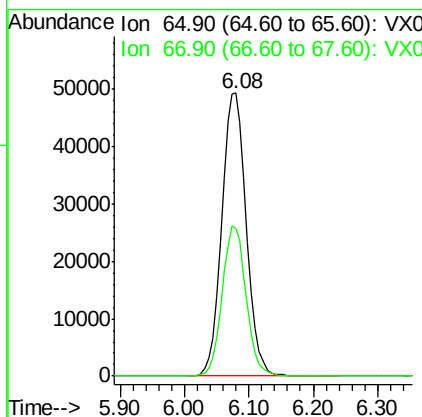
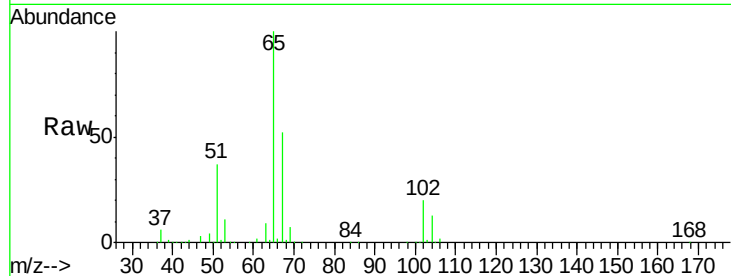




#33
 1,2-Dichloroethane-d4
 Concen: 48.43 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001249.D
 Acq: 29 Apr 2018 07:17

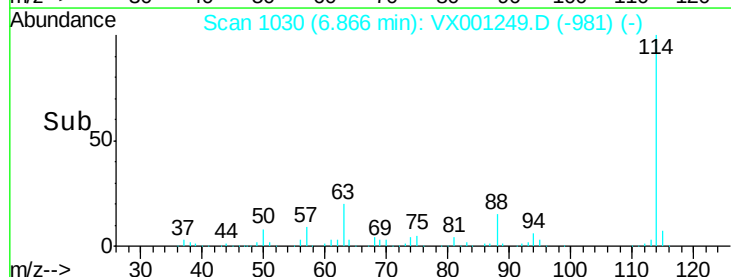
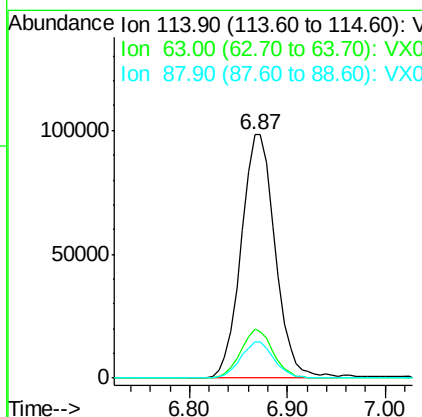
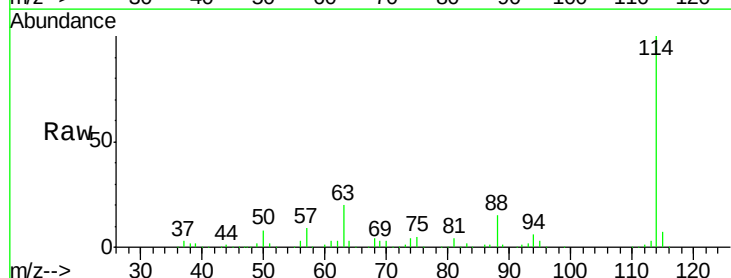
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-FW-MW02-20180425

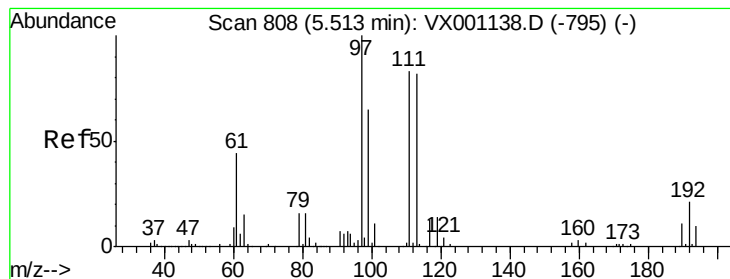
Tgt Ion: 65 Resp: 132669
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001249.D
 Acq: 29 Apr 2018 07:17

Tgt Ion: 114 Resp: 237345
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.4
 88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.95 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW02-20180425

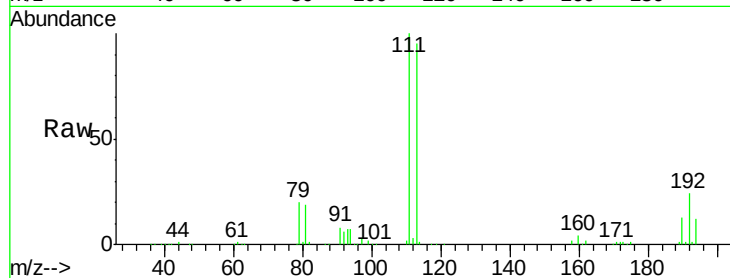
Tgt Ion: 113 Resp: 105987

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

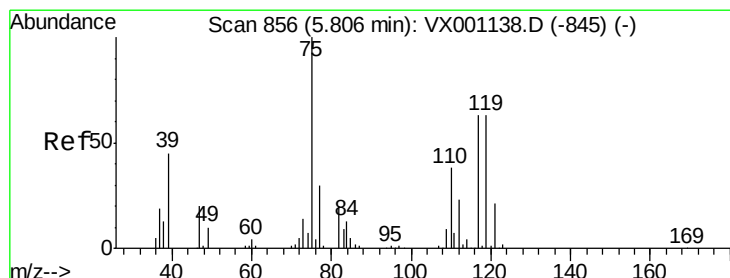
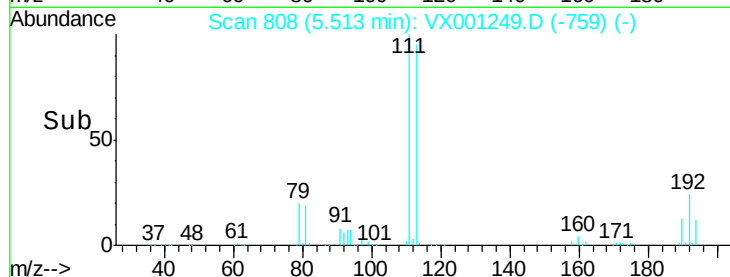
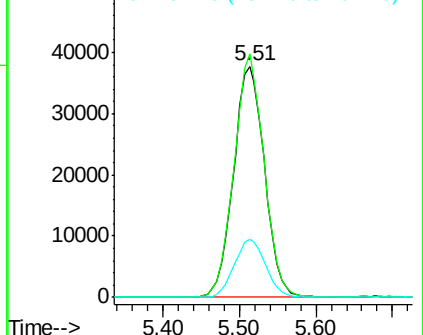
192 25.4 20.6 30.8



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: 4.15 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

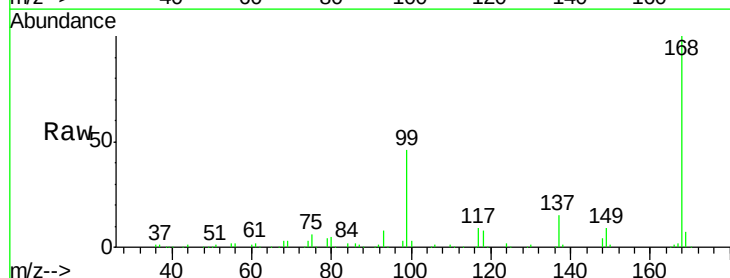
Tgt Ion: 75 Resp: 10865

Ion Ratio Lower Upper

75 100

110 10.8 19.0 57.0#

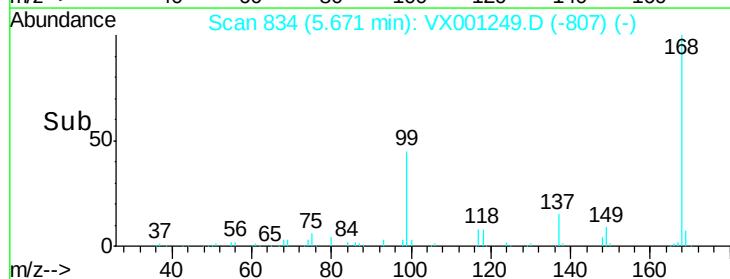
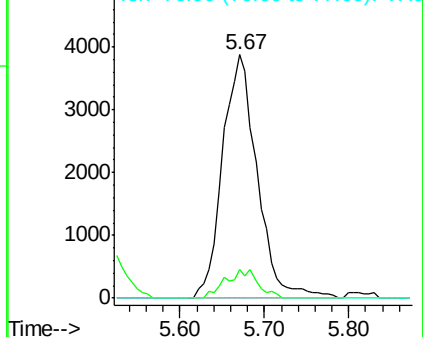
77 0.0 24.8 37.2#

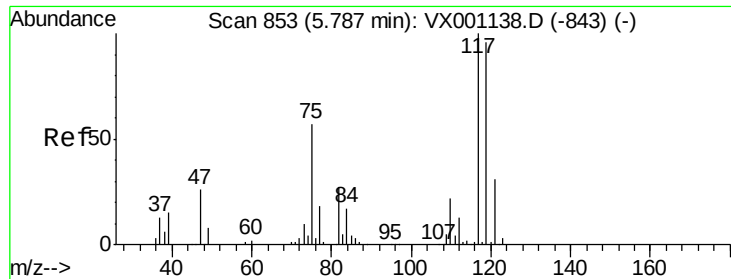


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.65 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW02-20180425

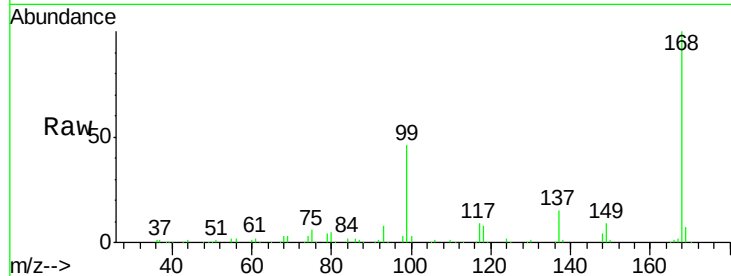
Tgt Ion:117 Resp: 15140

Ion Ratio Lower Upper

117 100

119 5.6 76.5 114.7#

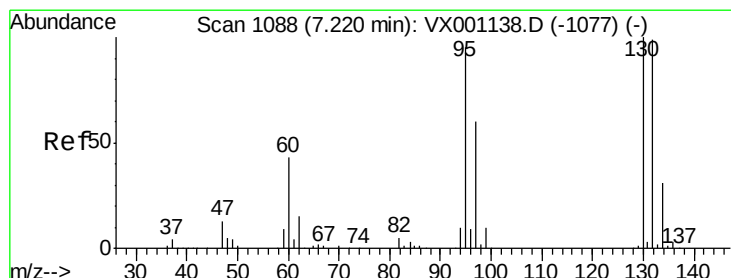
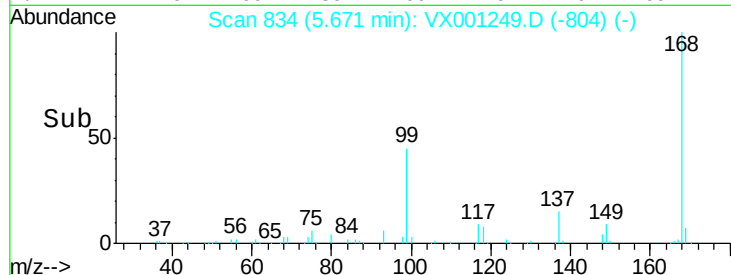
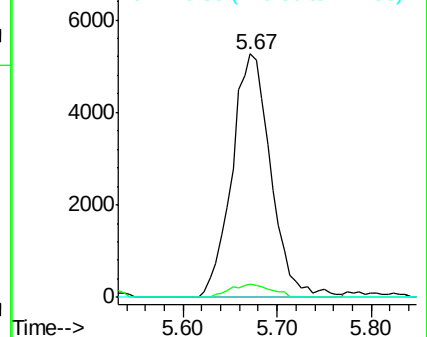
121 0.0 24.6 37.0#



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



#44

Trichloroethene

Concen: 3.75 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001249.D

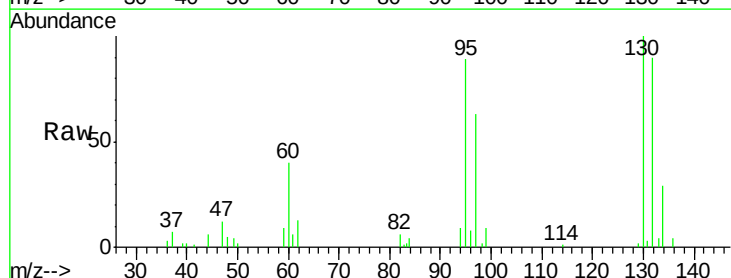
Acq: 29 Apr 2018 07:17

Tgt Ion:130 Resp: 8457

Ion Ratio Lower Upper

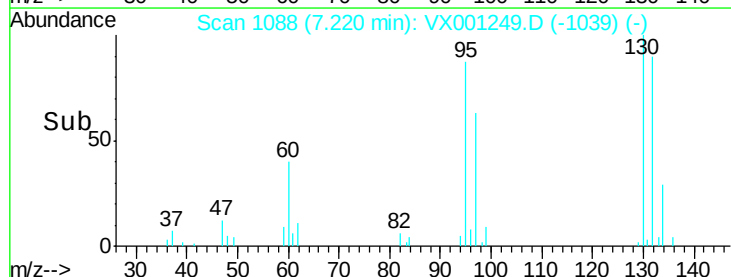
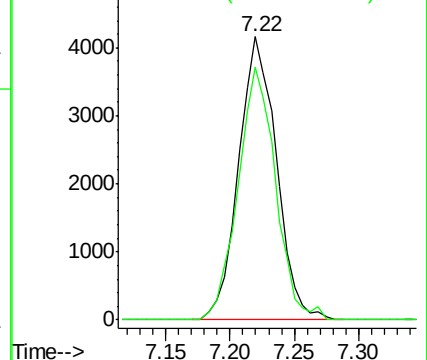
130 100

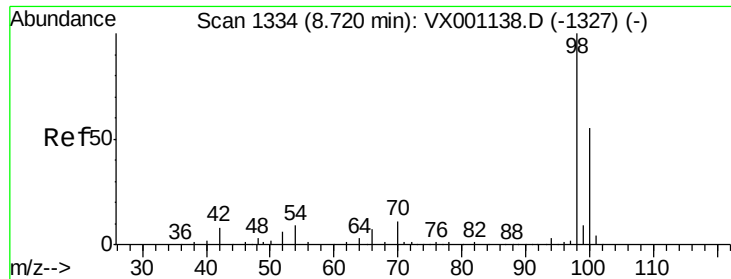
95 89.2 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

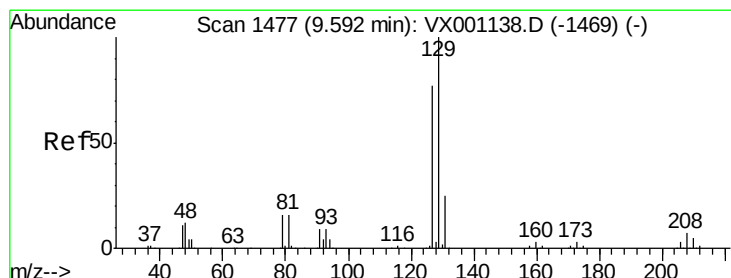
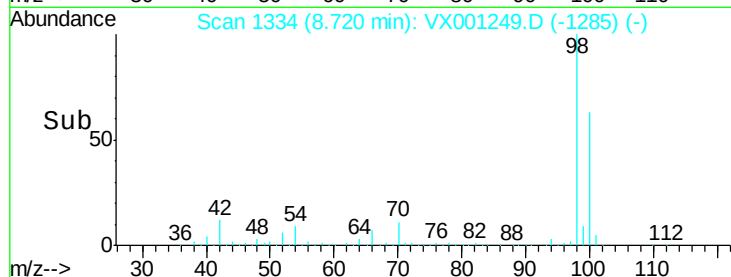
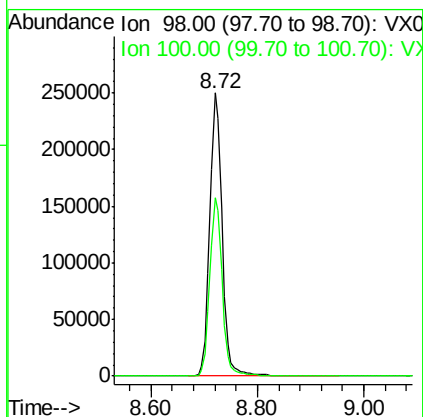
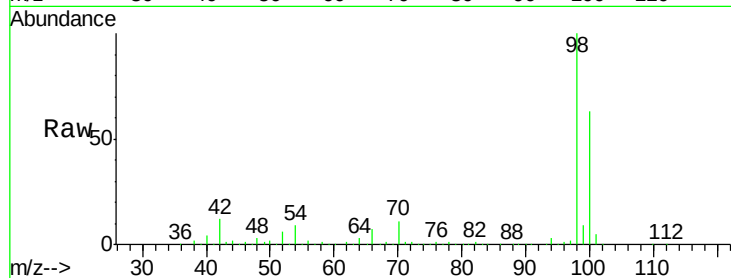




#50
Toluene-d8
Concen: 53.93 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001249.D
Acq: 29 Apr 2018 07:17

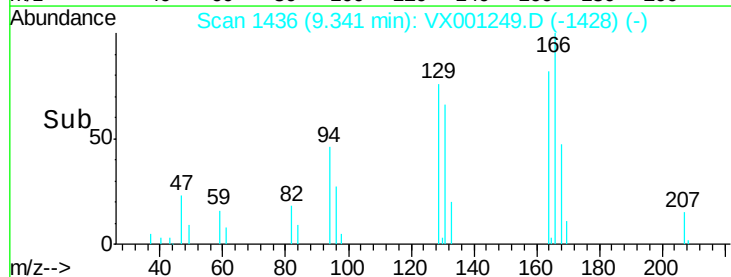
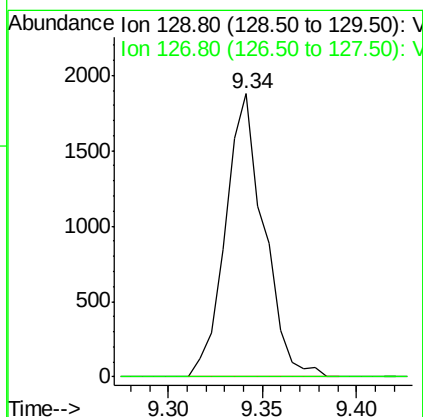
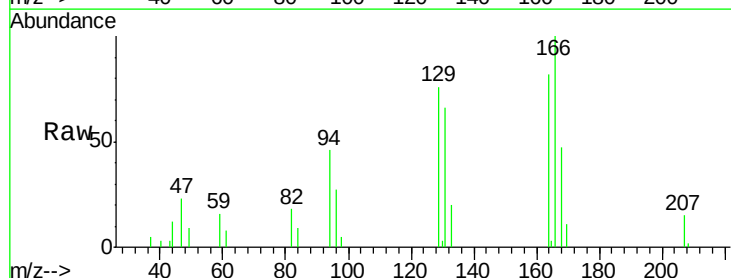
Instrument :
MSVOA_X
ClientSampleId :
BP-FW-MW02-20180425

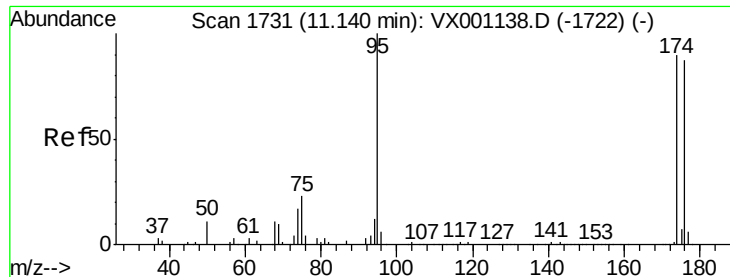
Tgt Ion: 98 Resp: 399849
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#60
Dibromochloromethane
Concen: 4.36 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX001249.D
Acq: 29 Apr 2018 07:17

Tgt Ion: 129 Resp: 2651
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#





#62

4-Bromofluorobenzene

Concen: 44.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW02-20180425

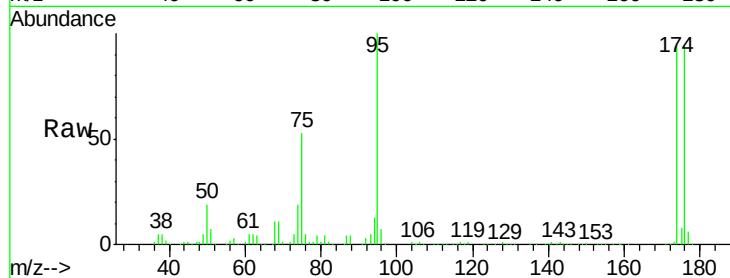
Tgt Ion: 95 Resp: 130177

Ion Ratio Lower Upper

95 100

174 104.1 0.0 194.4

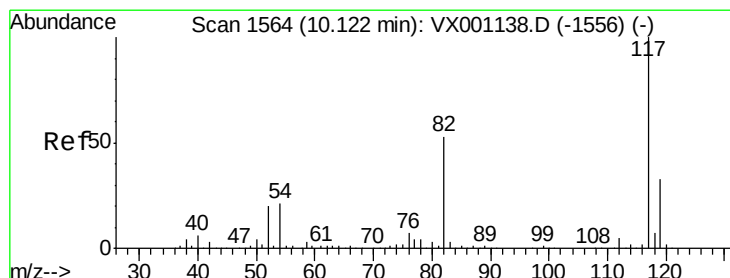
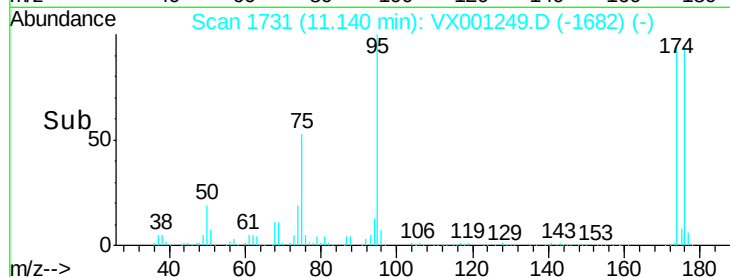
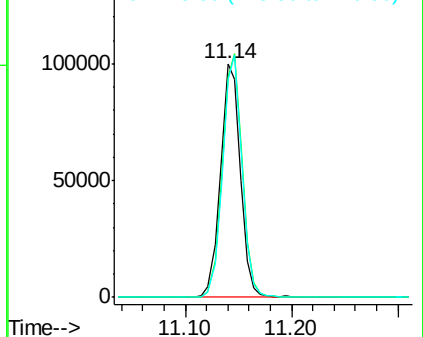
176 101.6 0.0 190.2



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: VX001249.D

Acq: 29 Apr 2018 07:17

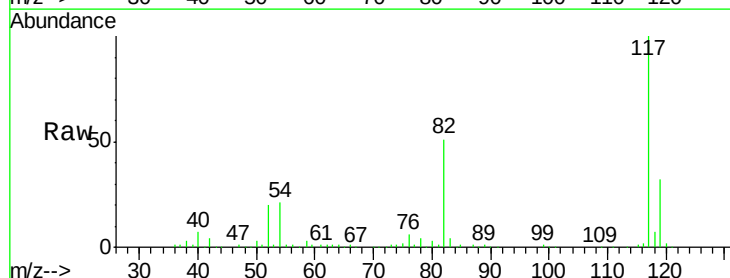
Tgt Ion: 117 Resp: 214339

Ion Ratio Lower Upper

117 100

82 50.8 42.1 63.1

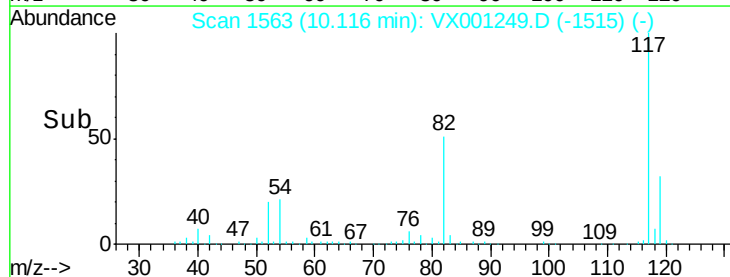
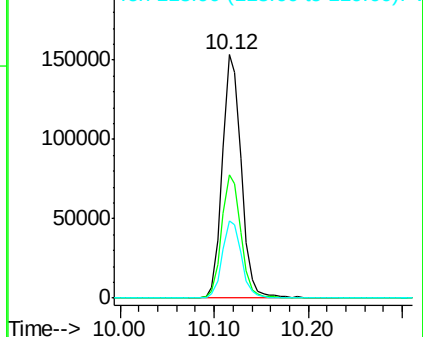
119 31.6 26.1 39.1

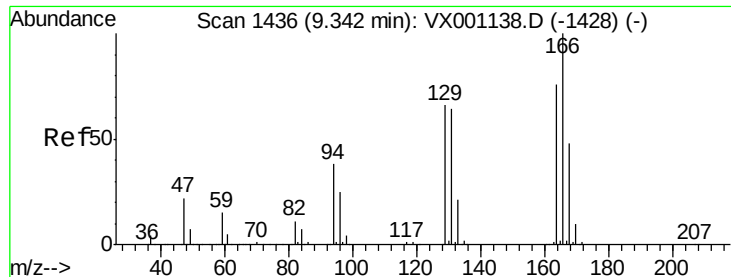


Abundance Ion 116.90 (116.60 to 117.60): VX001138.D (-1556) (-)

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: 1.36 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW02-20180425

Tgt Ion:164 Resp: 3118

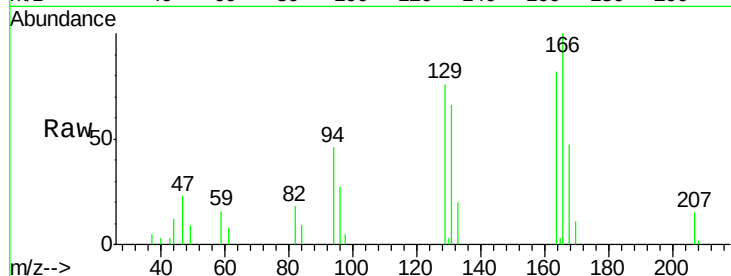
Ion Ratio Lower Upper

164 100

166 122.0 105.0 157.6

129 92.7 69.4 104.2

131 80.7 67.3 100.9

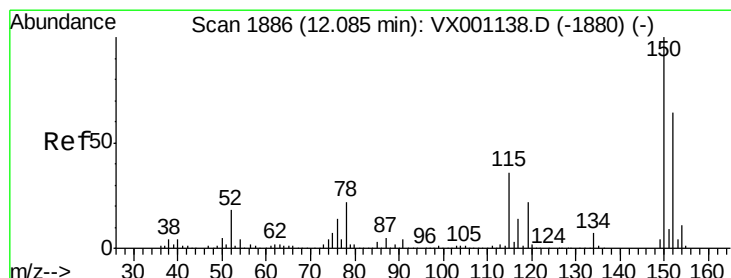
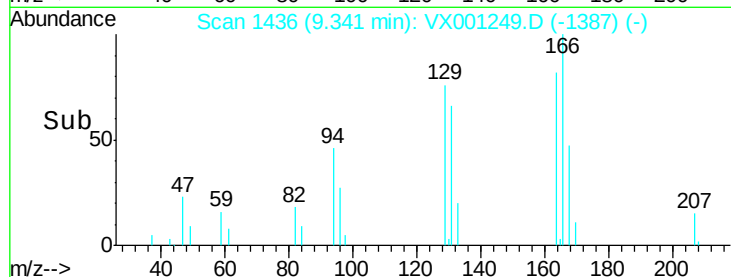
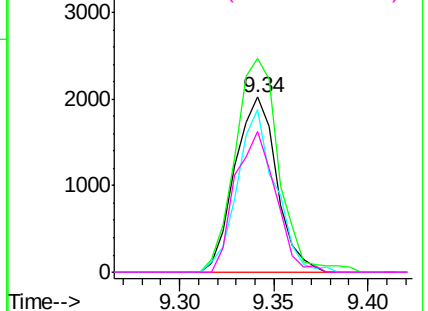


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

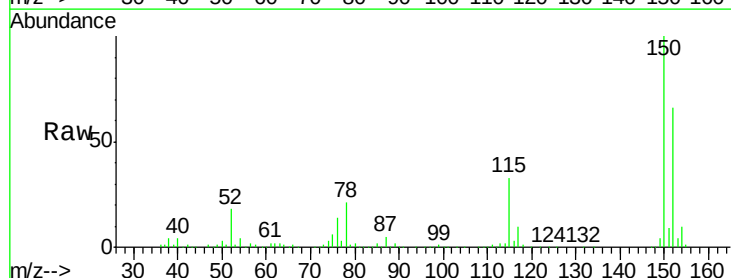
Tgt Ion:152 Resp: 118456

Ion Ratio Lower Upper

152 100

115 52.3 38.0 114.0

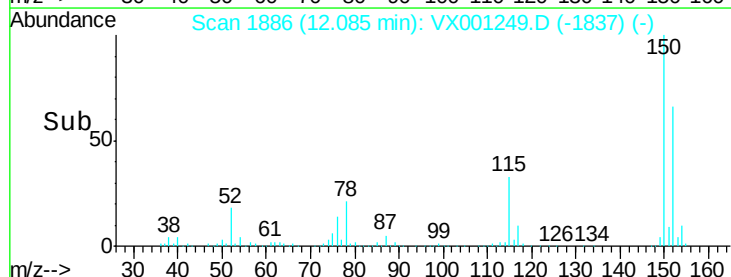
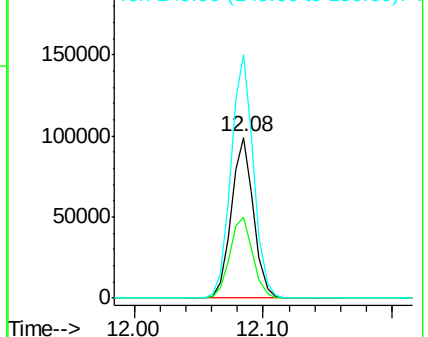
150 154.3 0.0 349.6

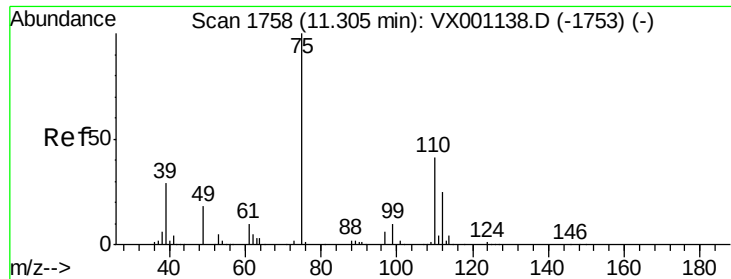


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

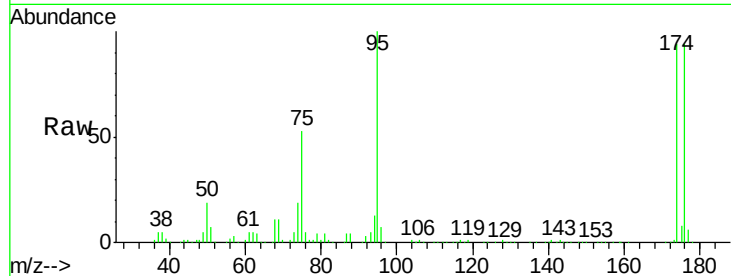
BP-FW-MW02-20180425

Tgt Ion: 75 Resp: 67394

Ion Ratio Lower Upper

75 100

77 1.2 18.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

60000

50000

40000

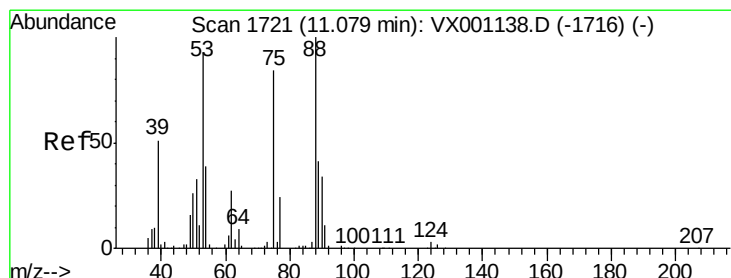
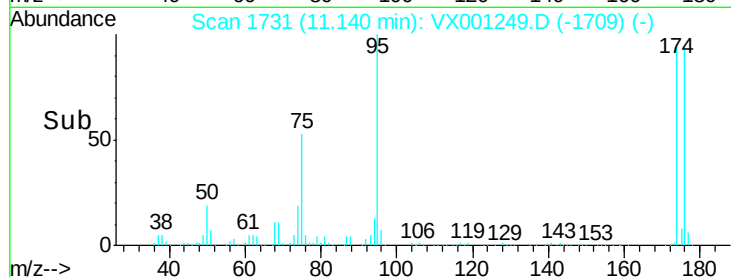
30000

20000

10000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 84.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

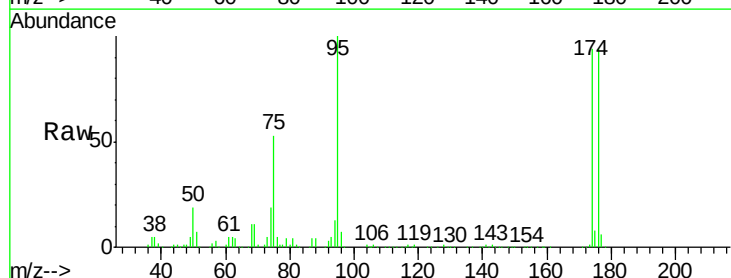
Tgt Ion: 75 Resp: 67394

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

11.14

60000

40000

20000

0

Time-->

