

Data File : VX001247.D
Acq On : 29 Apr 2018 06:27
Operator : JC/MD
Sample : J2600-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP02-20180425

Quant Time: Apr 30 01:45:48 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	181366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	247551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	220829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	117368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137580	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.51	113	109611	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	8.72	98	417392	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
62) 4-Bromofluorobenzene	11.14	95	135327	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	

Target Compounds

						Qvalue
5) Bromomethane	1.62	94	63	Below Cal	#	3
10) Methyl Iodide	2.52	142	121	7.29	ug/l #	66
11) Tert butyl alcohol	3.06	59	203	0.37	ug/l #	72
16) Acetone	2.45	43	5598	4.84	ug/l	96
20) Methylene Chloride	2.86	84	620	0.29	ug/l #	78
25) 2-Butanone	4.72	43	361	0.21	ug/l #	50
31) Cyclohexane	5.67	56	3105	1.04	ug/l #	1
32) 1,1,1-Trichloroethane	5.51	97	2218	0.69	ug/l #	50
36) 1,1-Dichloropropene	5.68	75	10744	3.94	ug/l #	49
38) Carbon Tetrachloride	5.68	117	15411	5.51	ug/l #	16
44) Trichloroethene	7.22	130	15238	6.48	ug/l	94
54) cis-1,3-Dichloropropene	8.99	75	20	3.19	ug/l #	10
60) Dibromochloromethane	9.34	129	1251	3.80	ug/l #	11
64) Tetrachloroethene	9.34	164	1429	0.61	ug/l #	84
76) 1,2,3-Trichloropropane	11.14	75	69010	28.88	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	69010	87.50	ug/l #	6

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

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BP-DUP02-20180425

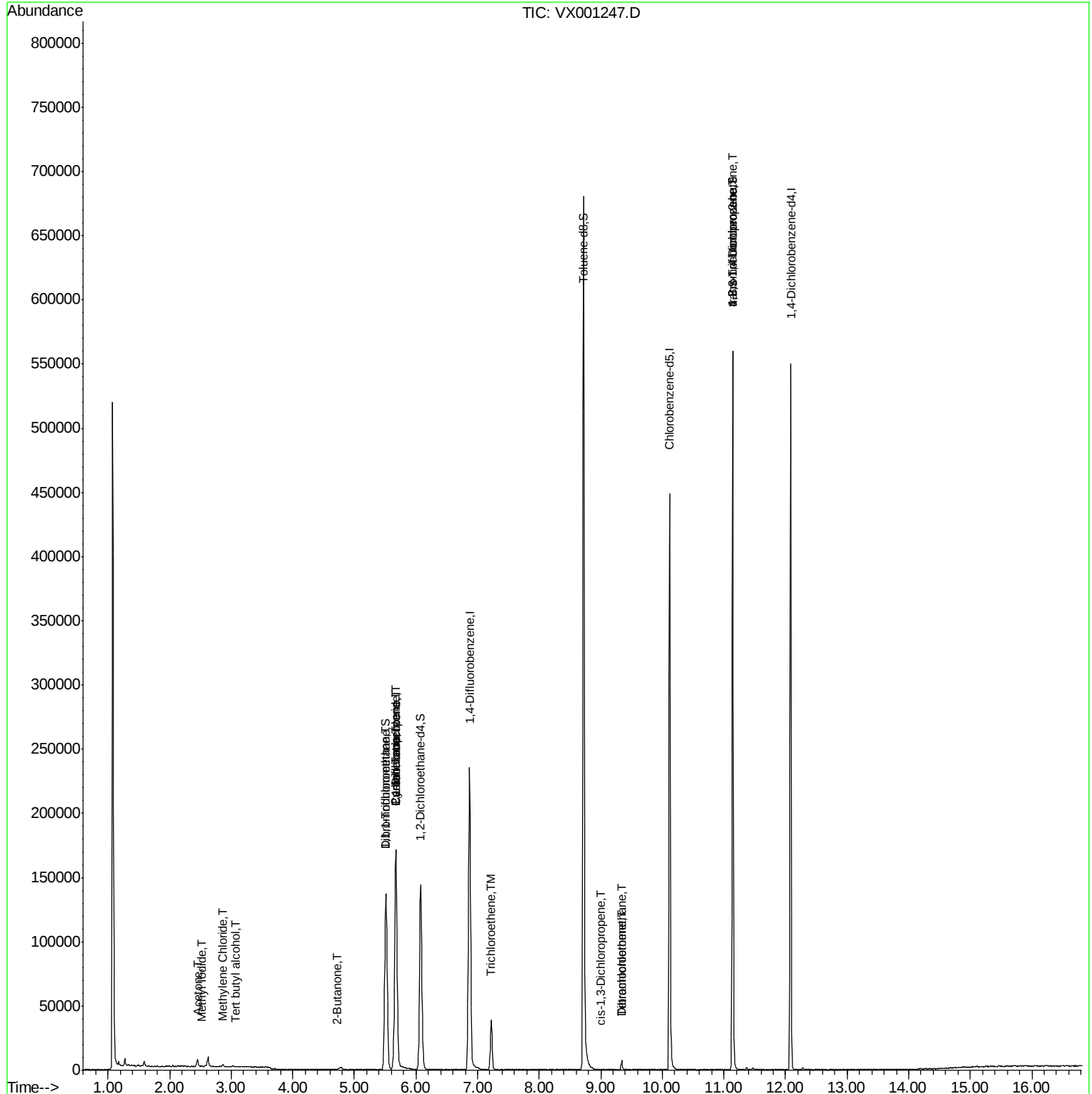
Quant Time: Apr 30 01:45:48 2018

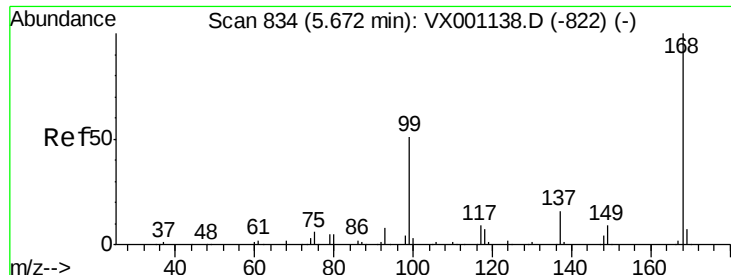
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

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: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

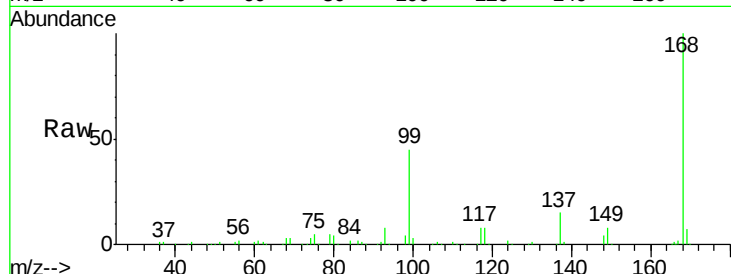
BP-DUP02-20180425

Tgt Ion:168 Resp: 181366

Ion Ratio Lower Upper

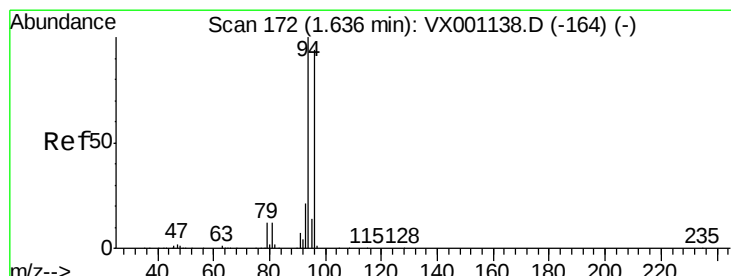
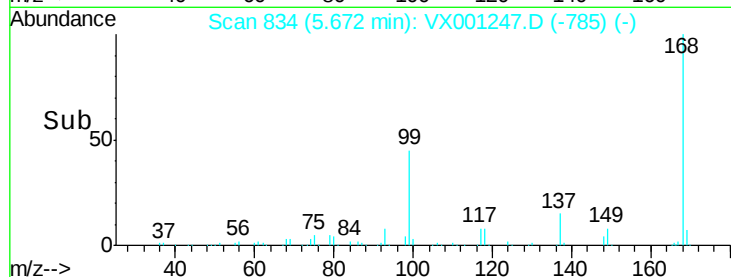
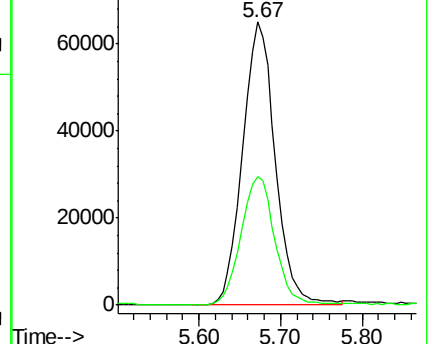
168 100

99 45.4 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# 170

Delta R.T. -0.01 min

Lab File: VX001247.D

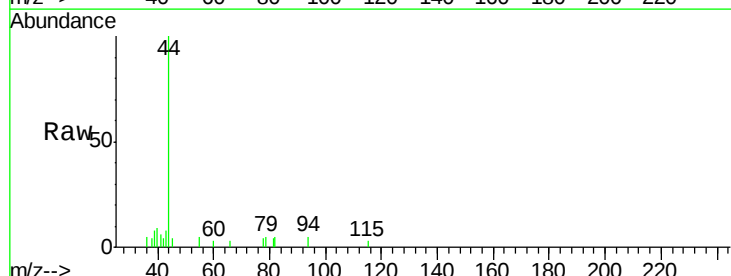
Acq: 29 Apr 2018 06:27

Tgt Ion: 94 Resp: 63

Ion Ratio Lower Upper

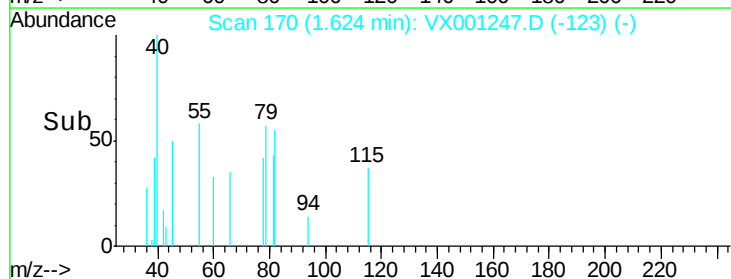
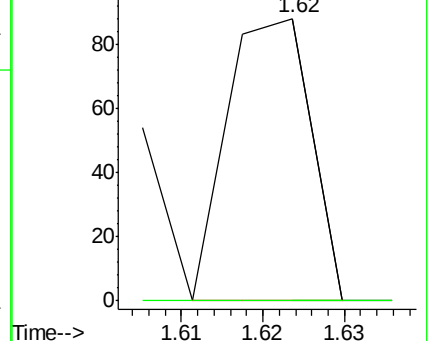
94 100

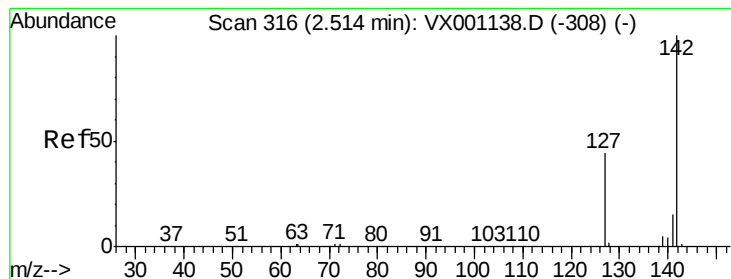
96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 7.29 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP02-20180425

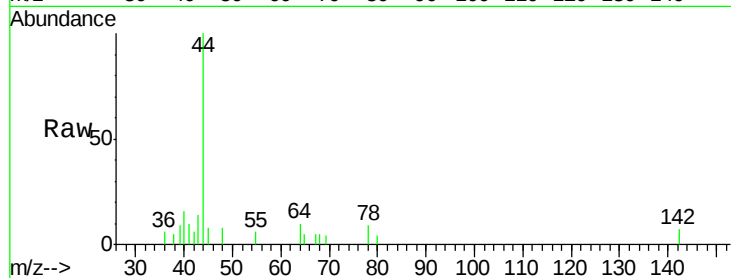
Tgt Ion: 142 Resp: 121

Ion Ratio Lower Upper

142 100

127 21.5 34.7 52.1#

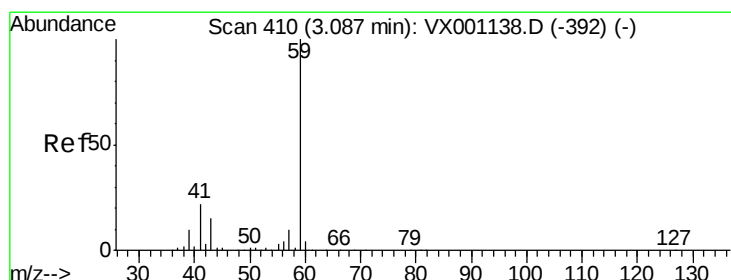
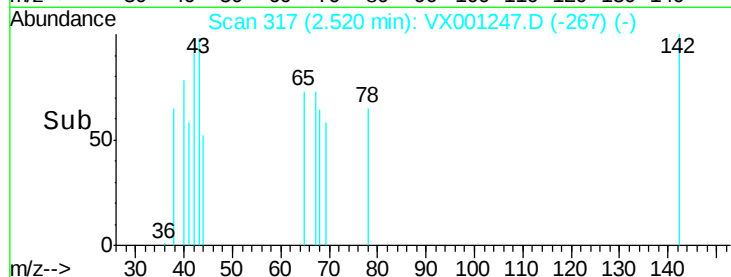
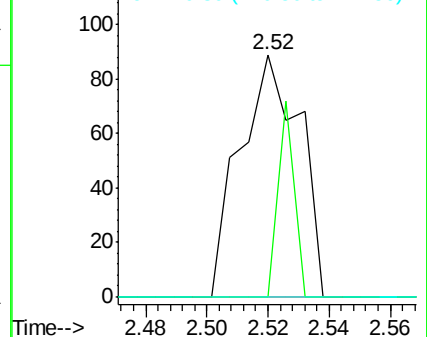
141 0.0 11.6 17.4#



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: 0.37 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.02 min

Lab File: VX001247.D

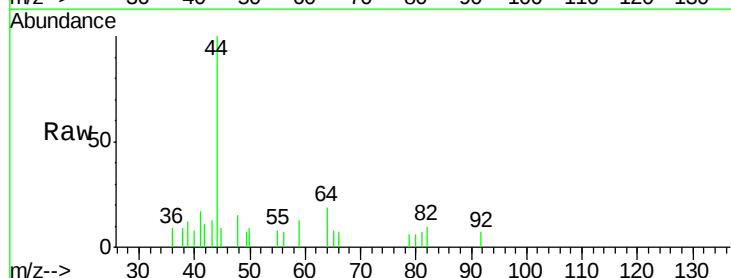
Acq: 29 Apr 2018 06:27

Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

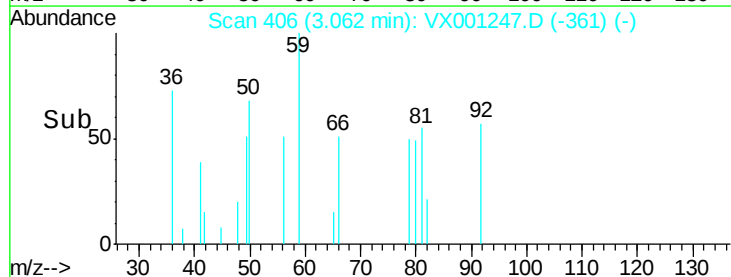
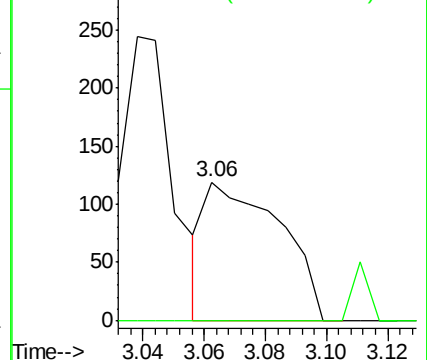
59 100

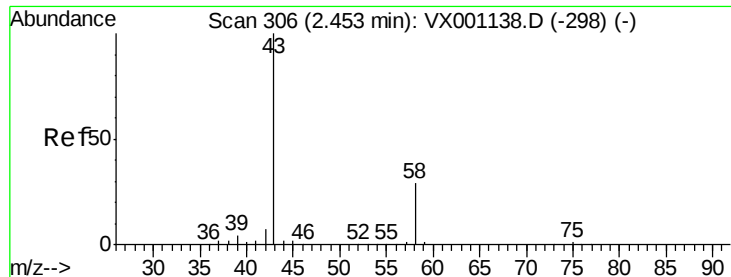
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 4.84 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

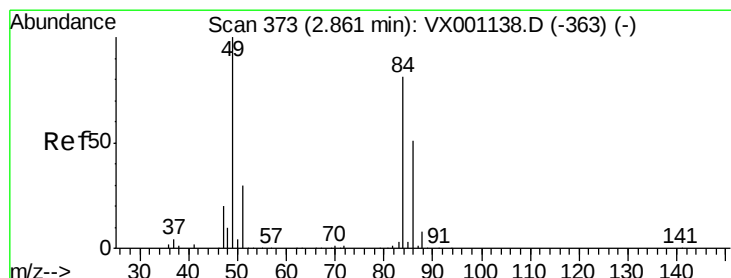
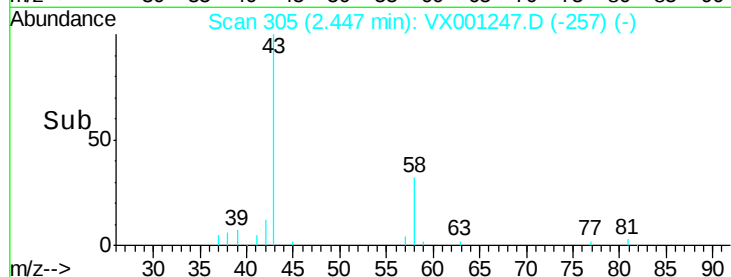
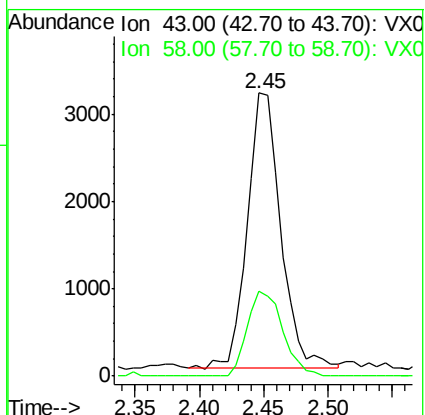
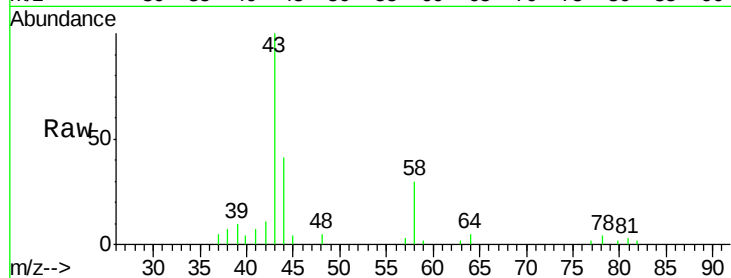
BP-DUP02-20180425

Tgt Ion: 43 Resp: 5598

Ion Ratio Lower Upper

43 100

58 31.0 23.0 34.6



#20

Methylene Chloride

Concen: 0.29 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Tgt Ion: 84 Resp: 620

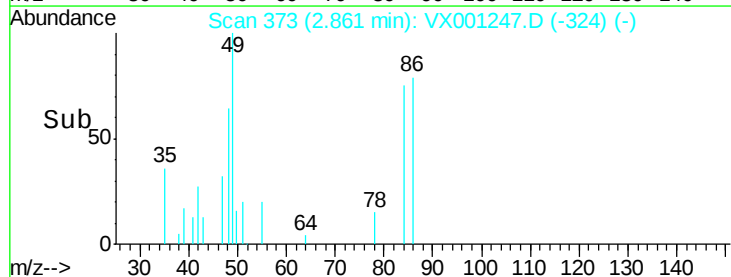
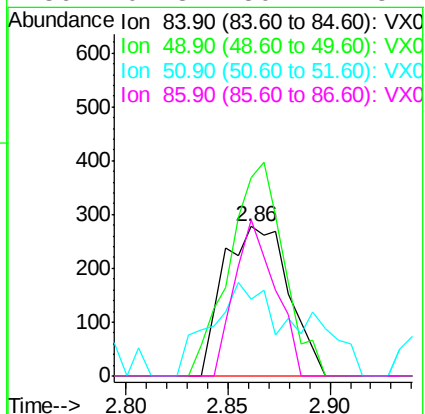
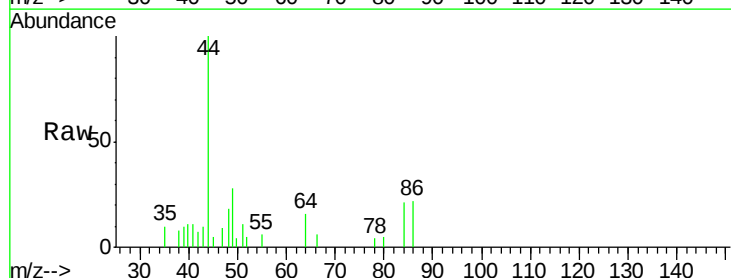
Ion Ratio Lower Upper

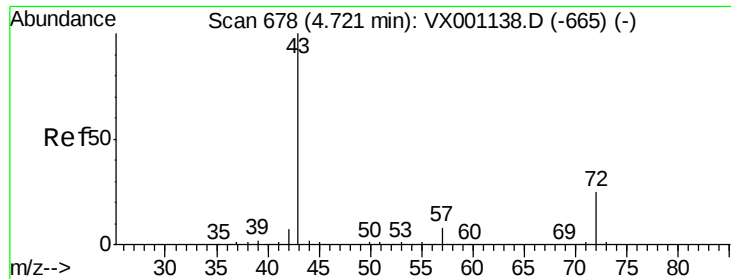
84 100

49 132.7 99.2 148.8

51 27.0 29.5 44.3#

86 104.3 50.2 75.2#





#25

2-Butanone

Concen: 0.21 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

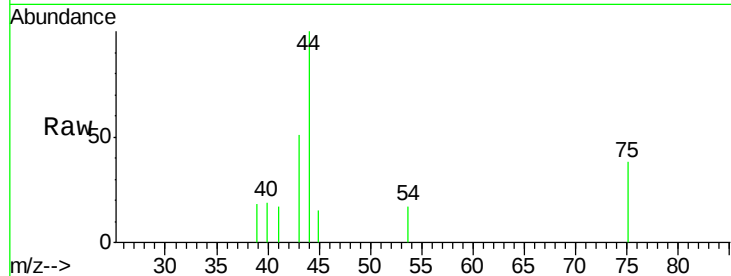
BP-DUP02-20180425

Tgt Ion: 43 Resp: 361

Ion Ratio Lower Upper

43 100

72 0.0 20.0 30.0#



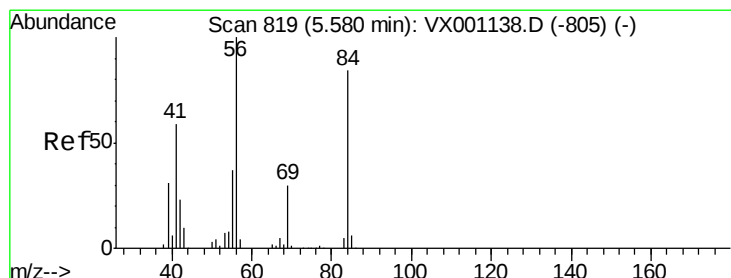
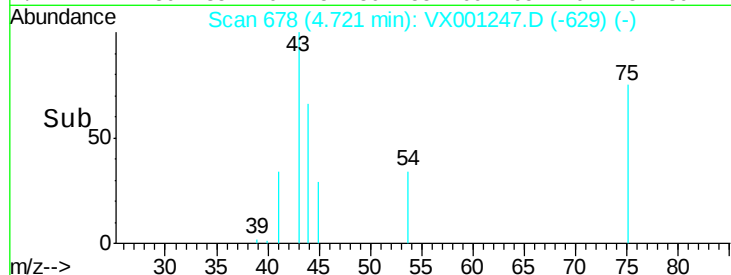
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

4.75

Time-->



#31

Cyclohexane

Concen: 1.04 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

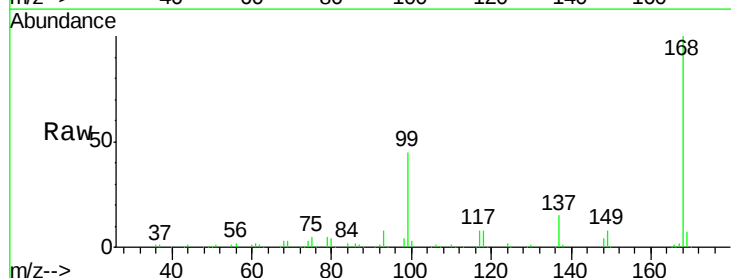
Tgt Ion: 56 Resp: 3105

Ion Ratio Lower Upper

56 100

69 173.7 24.2 36.2#

84 129.7 67.5 101.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

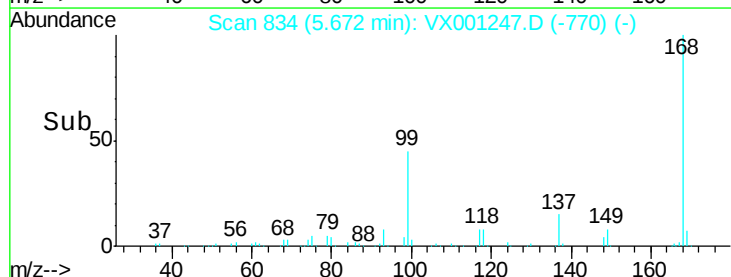
Ion 69.00 (68.70 to 69.70): VX0

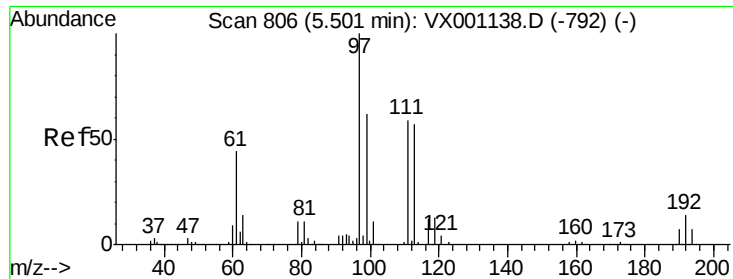
Ion 84.00 (83.70 to 84.70): VX0

5.67

5.75

Time-->





#32

1,1,1-Trichloroethane

Concen: 0.69 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP02-20180425

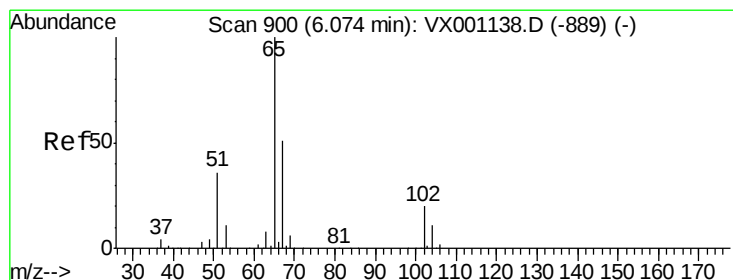
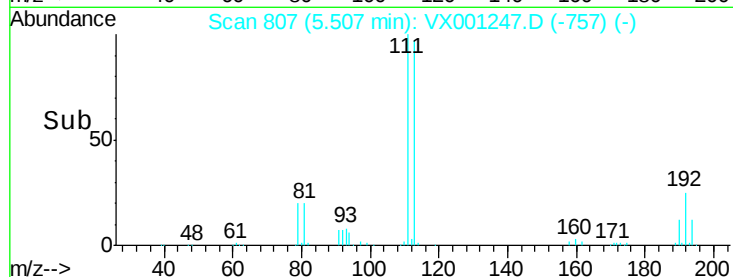
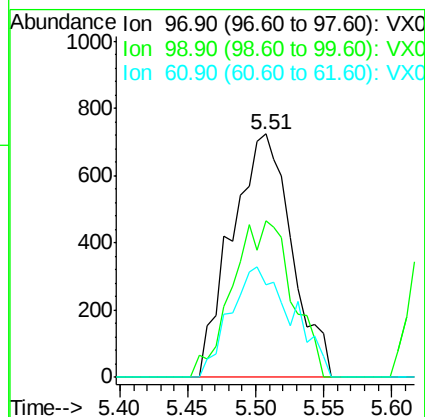
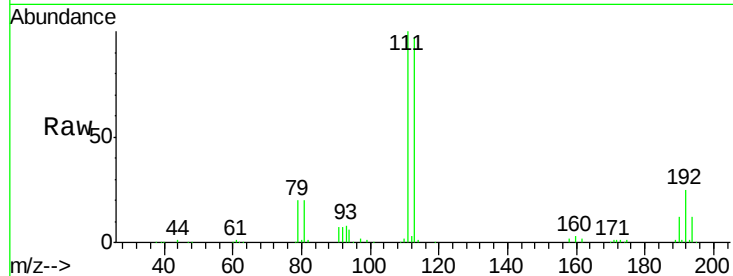
Tgt Ion: 97 Resp: 2218

Ion Ratio Lower Upper

97 100

99 0.0 50.9 76.3#

61 46.7 35.0 52.6



#33

1,2-Dichloroethane-d4

Concen: 48.94 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001247.D

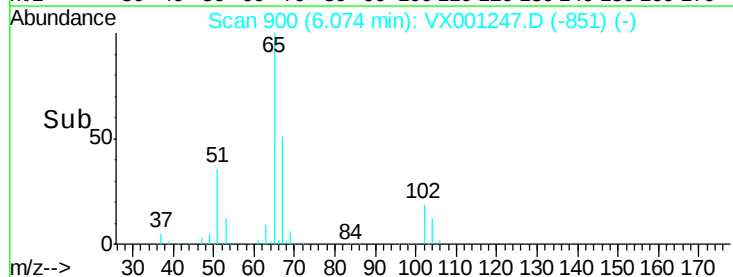
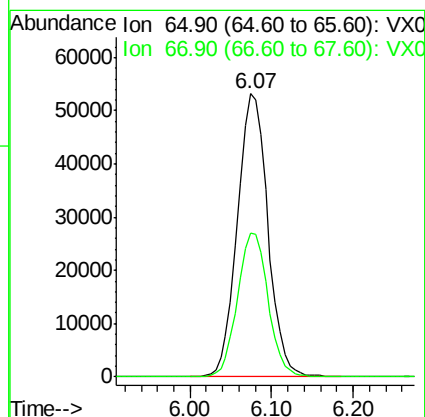
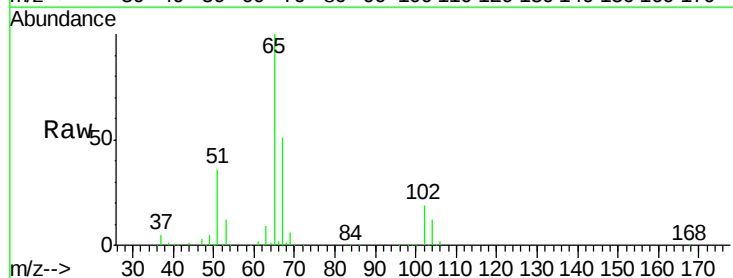
Acq: 29 Apr 2018 06:27

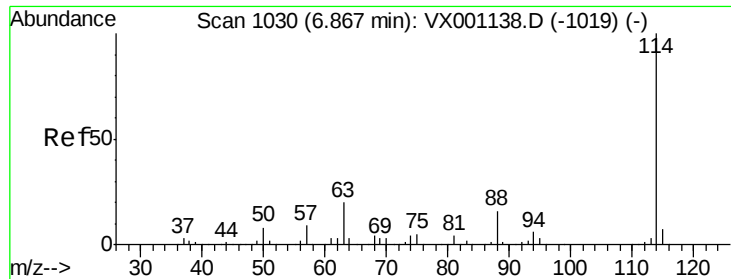
Tgt Ion: 65 Resp: 137580

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.2

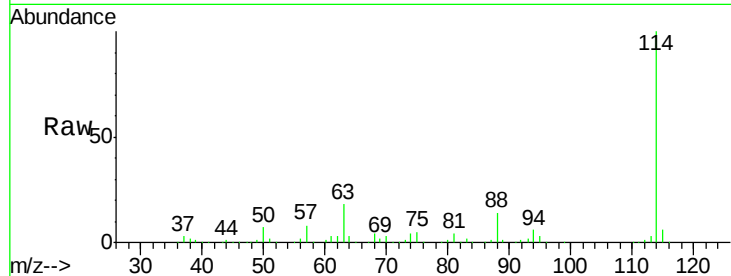




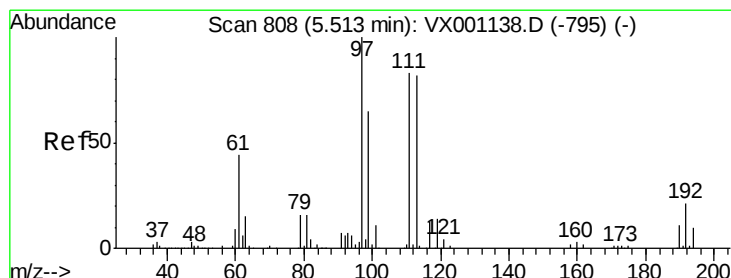
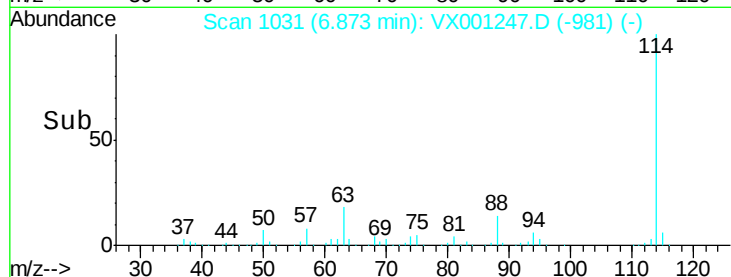
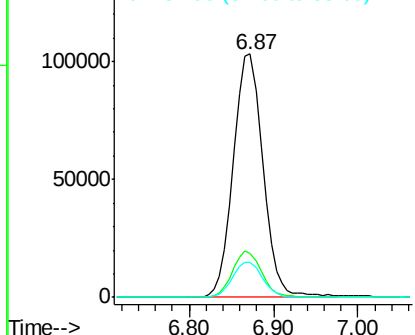
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001247.D
 Acq: 29 Apr 2018 06:27

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP02-20180425

Tgt Ion:114 Resp: 247551
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.4
 88 14.4 0.0 31.8

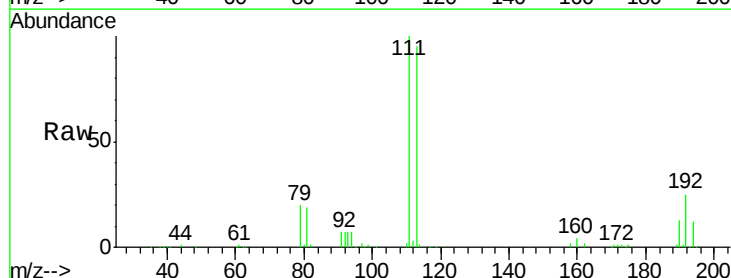


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

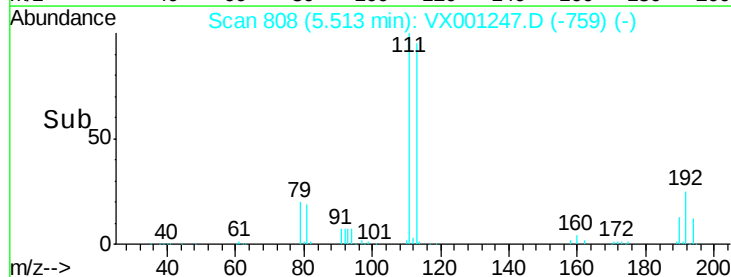
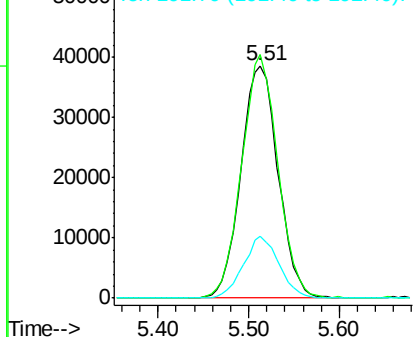


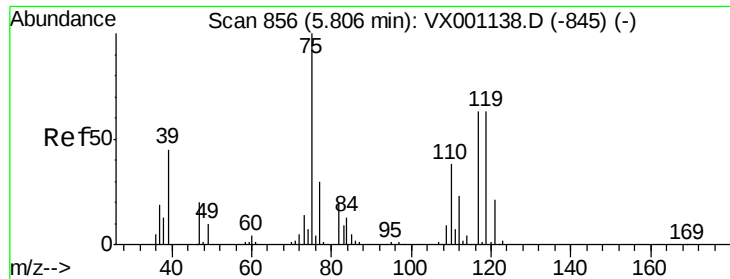
#35
 Dibromofluoromethane
 Concen: 53.50 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001247.D
 Acq: 29 Apr 2018 06:27

Tgt Ion:113 Resp: 109611
 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

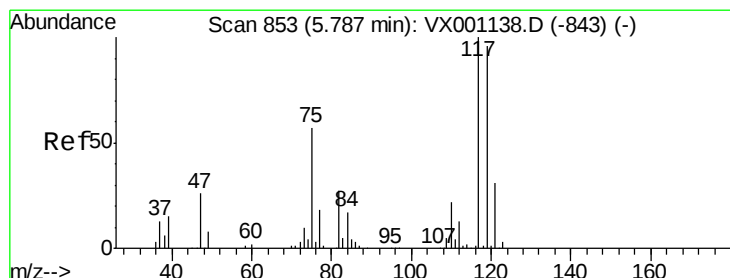
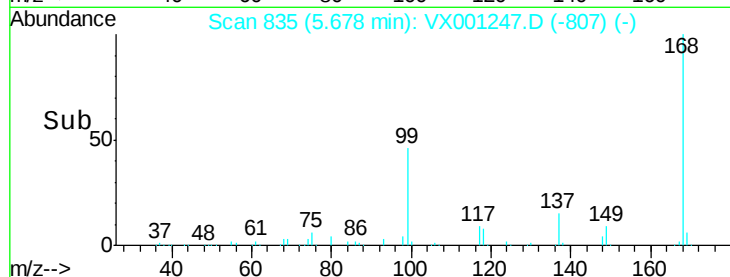
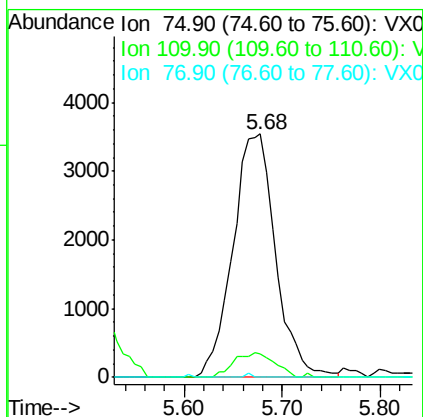
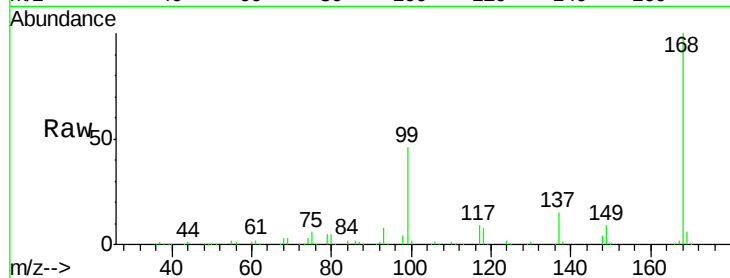




#36
 1,1-Dichloropropene
 Concen: 3.94 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX001247.D
 Acq: 29 Apr 2018 06:27

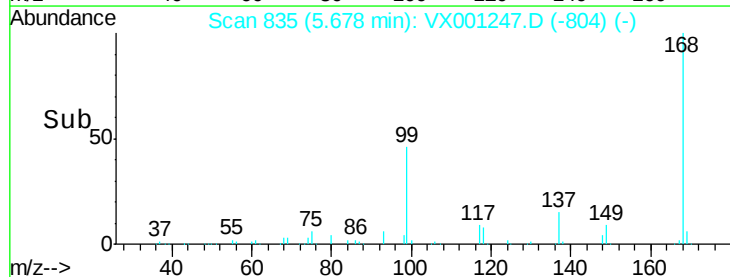
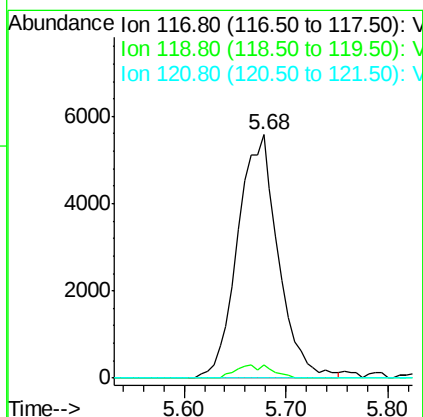
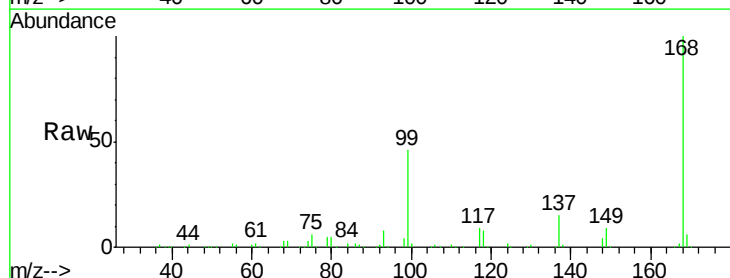
Instrument :
 MSVOA_X
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 BP-DUP02-20180425

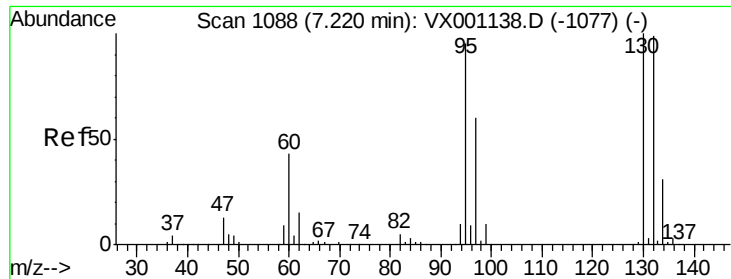
Tgt Ion: 75 Resp: 10744
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.0 57.0#
 77 0.2 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.51 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.11 min
 Lab File: VX001247.D
 Acq: 29 Apr 2018 06:27

Tgt Ion: 117 Resp: 15411
 Ion Ratio Lower Upper
 117 100
 119 5.3 76.5 114.7#
 121 0.0 24.6 37.0#





#44

Trichloroethene

Concen: 6.48 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

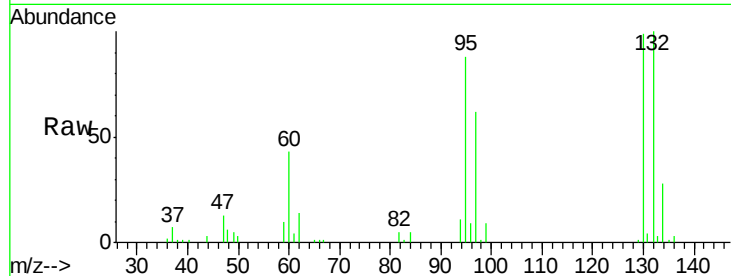
BP-DUP02-20180425

Tgt Ion:130 Resp: 15238

Ion Ratio Lower Upper

130 100

95 88.6 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

8000

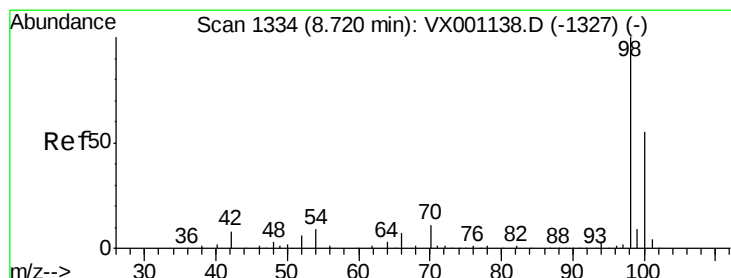
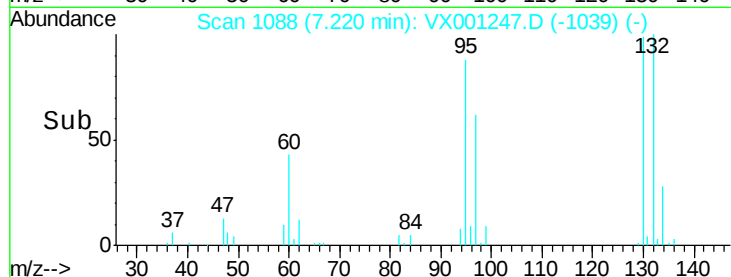
6000

4000

2000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 53.98 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001247.D

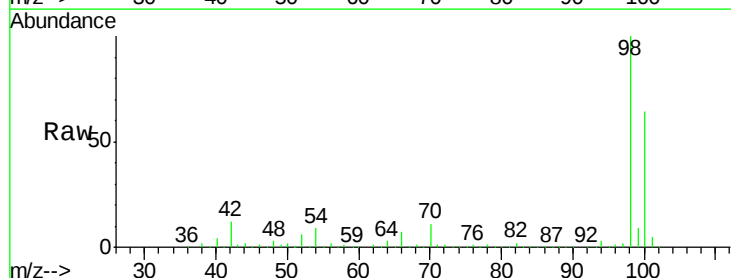
Acq: 29 Apr 2018 06:27

Tgt Ion: 98 Resp: 417392

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

300000

250000

200000

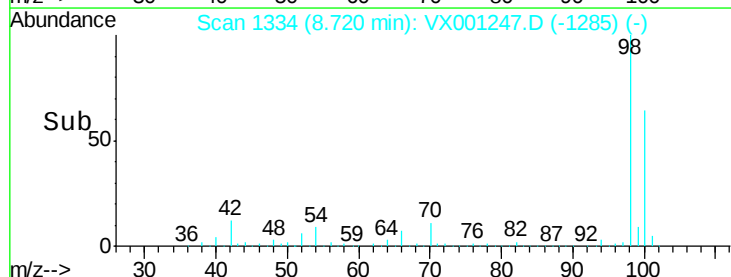
150000

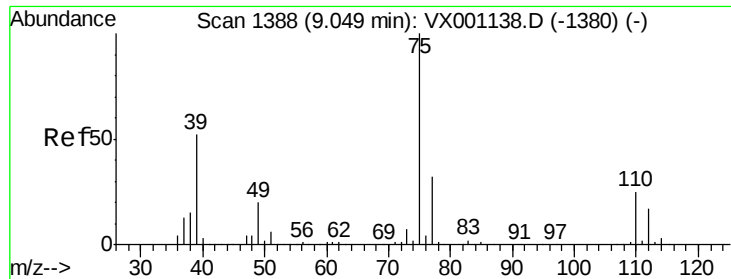
100000

50000

0

Time--> 8.60 8.70 8.80 8.90 9.00

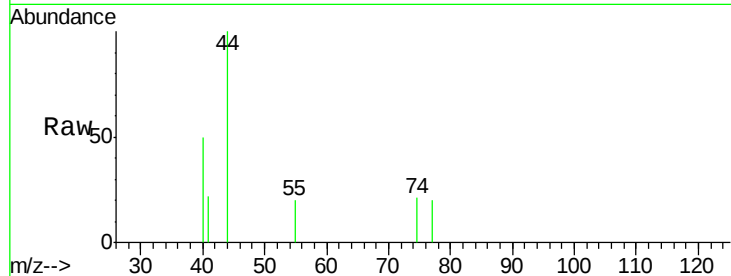




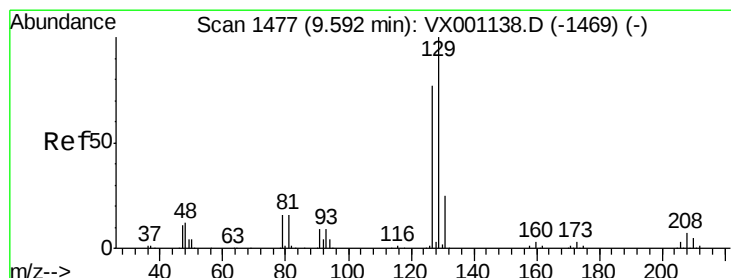
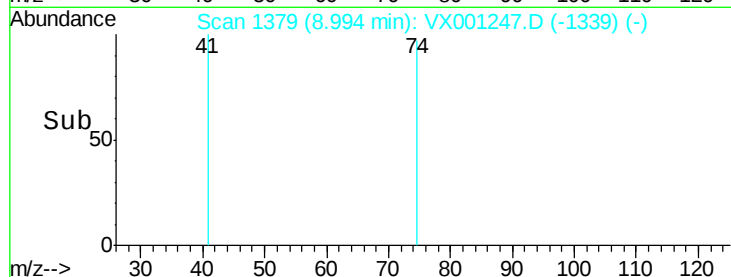
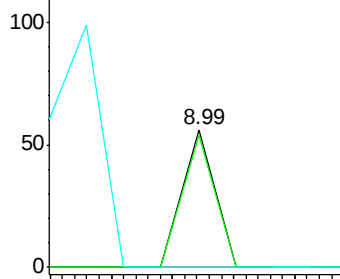
#54
 cis-1,3-Dichloropropene
 Concen: 3.19 ug/l
 RT: 8.99 min Scan# 1379
 Delta R.T. -0.05 min
 Lab File: VX001247.D
 Acq: 29 Apr 2018 06:27

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP02-20180425

Tgt Ion: 75 Resp: 20
 Ion Ratio Lower Upper
 75 100
 77 96.4 25.4 38.2#
 39 0.0 42.0 63.0#

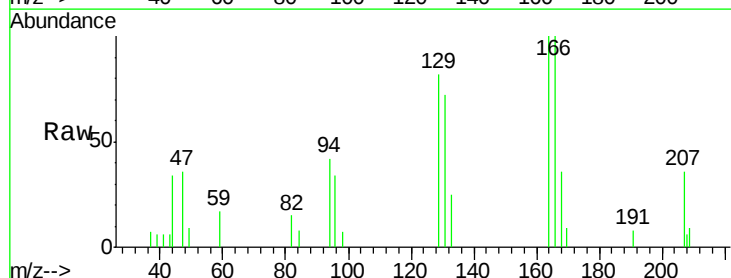


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0

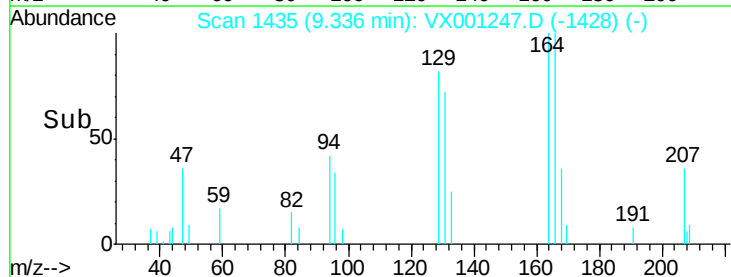
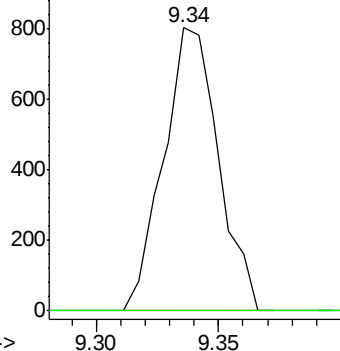


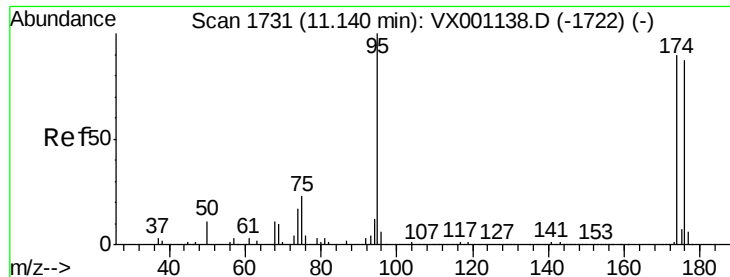
#60
 Dibromochloromethane
 Concen: 3.80 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.26 min
 Lab File: VX001247.D
 Acq: 29 Apr 2018 06:27

Tgt Ion: 129 Resp: 1251
 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: 44.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP02-20180425

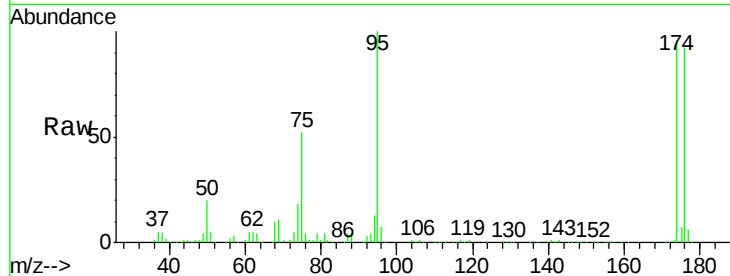
Tgt Ion: 95 Resp: 135327

Ion Ratio Lower Upper

95 100

174 104.2 0.0 194.4

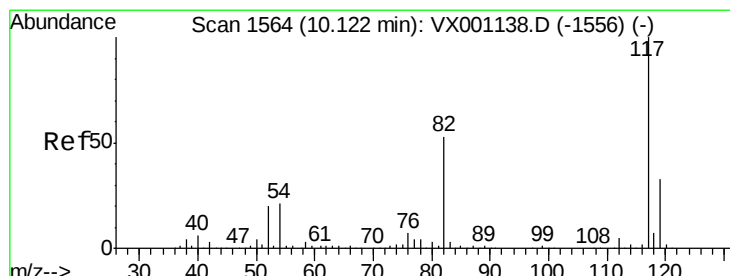
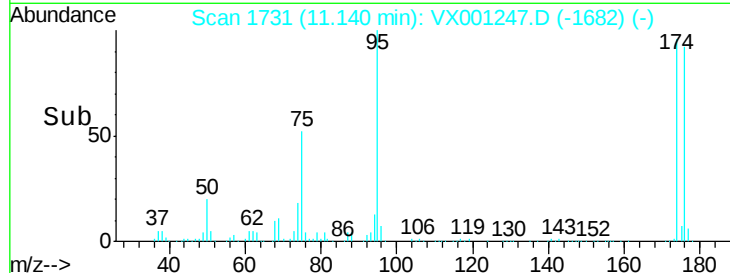
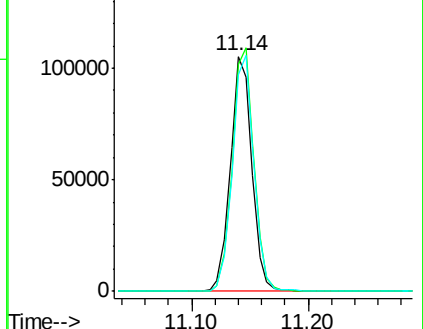
176 100.3 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX001247.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001247.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001247.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

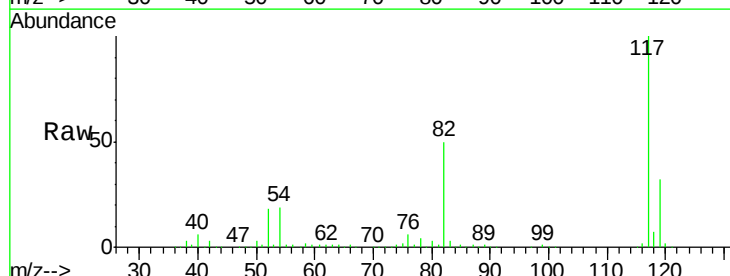
Tgt Ion: 117 Resp: 220829

Ion Ratio Lower Upper

117 100

82 50.3 42.1 63.1

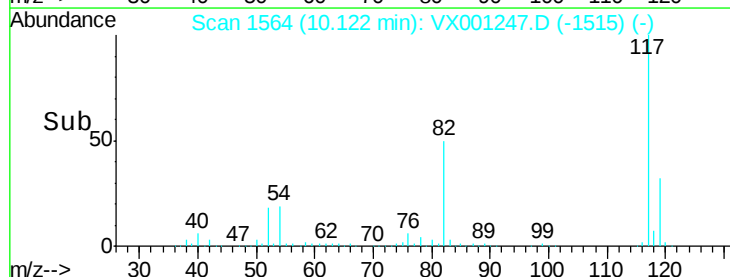
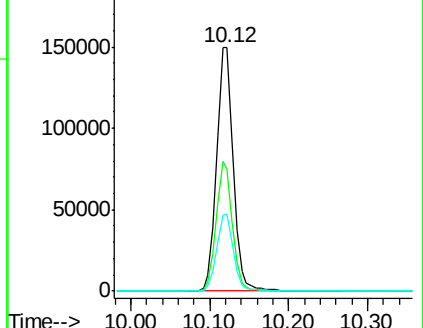
119 31.7 26.1 39.1

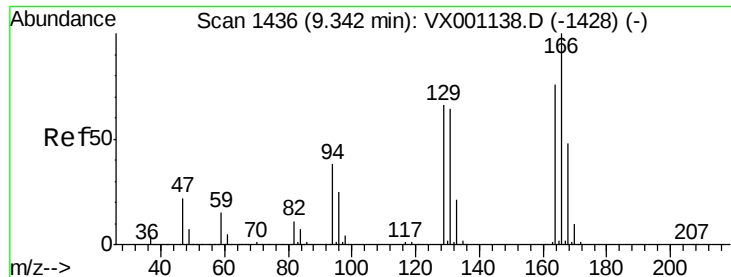


Abundance Ion 116.90 (116.60 to 117.60): VX001247.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX001247.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX001247.D (-1515) (-)

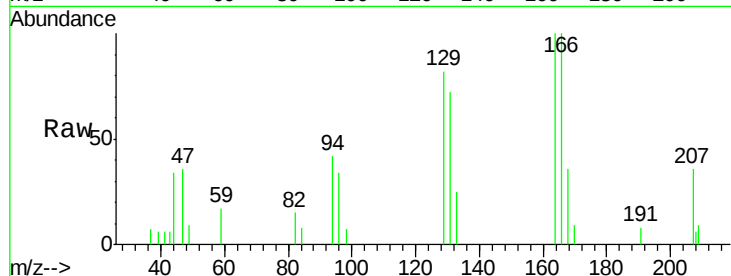




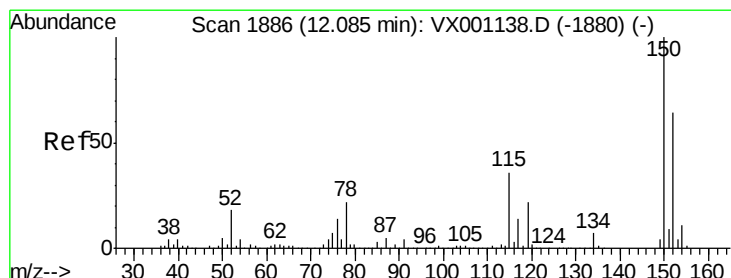
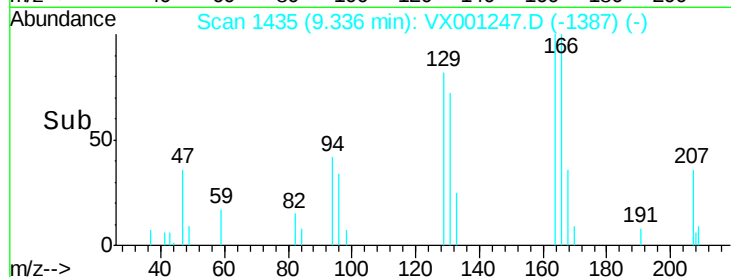
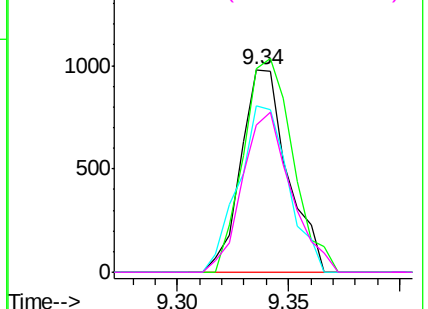
#64
Tetrachloroethene
Concen: 0.61 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001247.D
Acq: 29 Apr 2018 06:27

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP02-20180425

Tgt Ion:164 Resp: 1429
Ion Ratio Lower Upper
164 100
166 100.4 105.0 157.6#
129 82.0 69.4 104.2
131 72.5 67.3 100.9

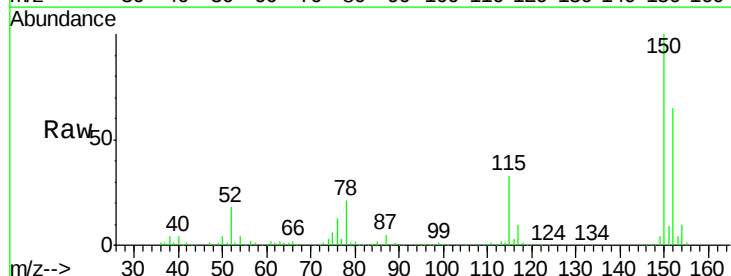


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

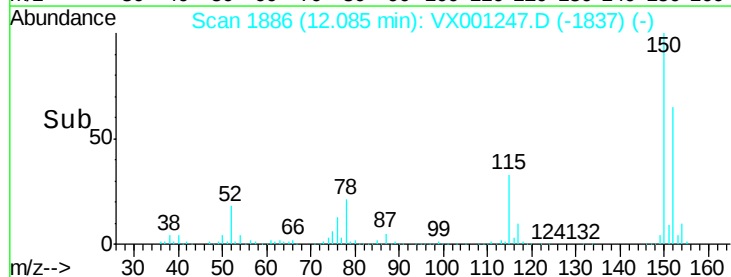
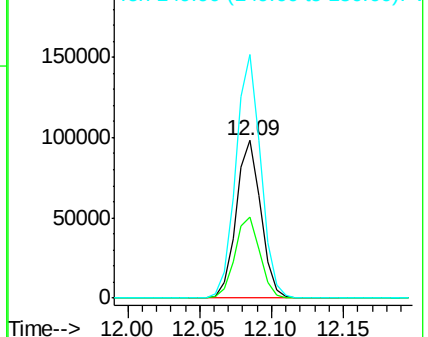


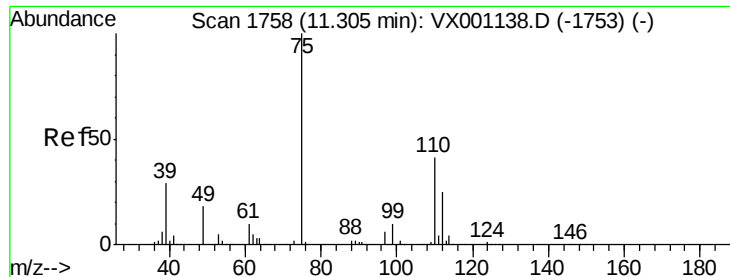
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001247.D
Acq: 29 Apr 2018 06:27

Tgt Ion:152 Resp: 117368
Ion Ratio Lower Upper
152 100
115 52.5 38.0 114.0
150 156.7 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

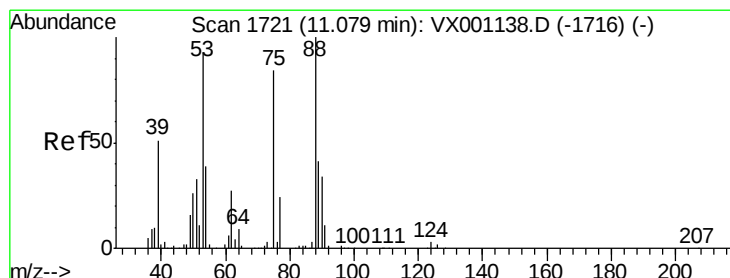
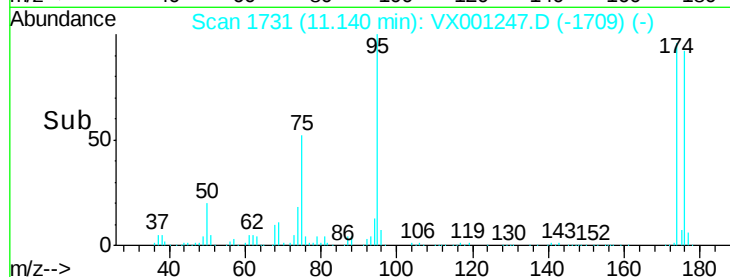
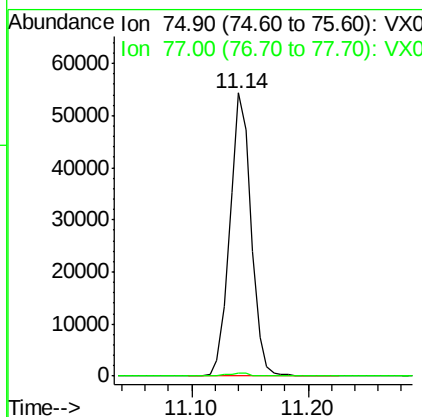
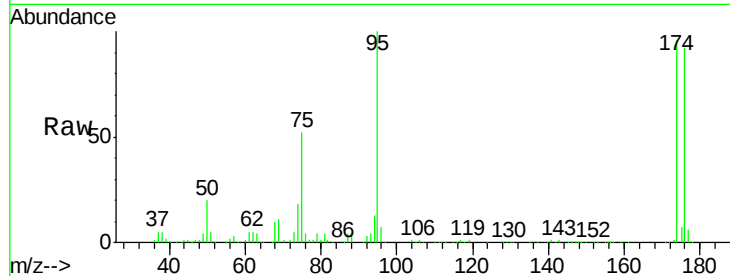




#76
 1,2,3-Trichloropropane
 Concen: 28.88 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001247.D
 Acq: 29 Apr 2018 06:27

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP02-20180425

Tgt Ion: 75 Resp: 69010
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.50 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001247.D
 Acq: 29 Apr 2018 06:27

Tgt Ion: 75 Resp: 69010
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.9 131.9#
 89 0.0 37.7 56.5#

