

Data File : VX000257.D
Acq On : 09 Mar 2018 15:59
Operator : JC/MD
Sample : J1839-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Quant Time: Mar 09 23:29:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	102985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	175636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	164603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85613	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	69744	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	5.51	113	51357	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	8.73	98	204304	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	
62) 4-Bromofluorobenzene	11.15	95	71952	40.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.68%	

Target Compounds			Qvalue			
5) Bromomethane	1.65	94	317	Below Cal	#	69
6) Chloroethane	1.73	64	155	Below Cal	#	42
10) Methyl Iodide	2.52	142	246	3.33	ug/l #	46
16) Acetone	2.45	43	2926	2.85	ug/l	96
20) Methylene Chloride	2.86	84	941	0.77	ug/l	89
31) Cyclohexane	5.67	56	2571	1.65	ug/l #	47
36) 1,1-Dichloropropene	5.68	75	8346	5.34	ug/l #	50
38) Carbon Tetrachloride	5.67	117	9937	6.28	ug/l #	15
76) 1,2,3-Trichloropropane	11.15	75	40993	23.89	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.15	75	40993	73.14	ug/l #	10

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

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MSVOA_X
ClientSampleId :
TRIP-BLANK

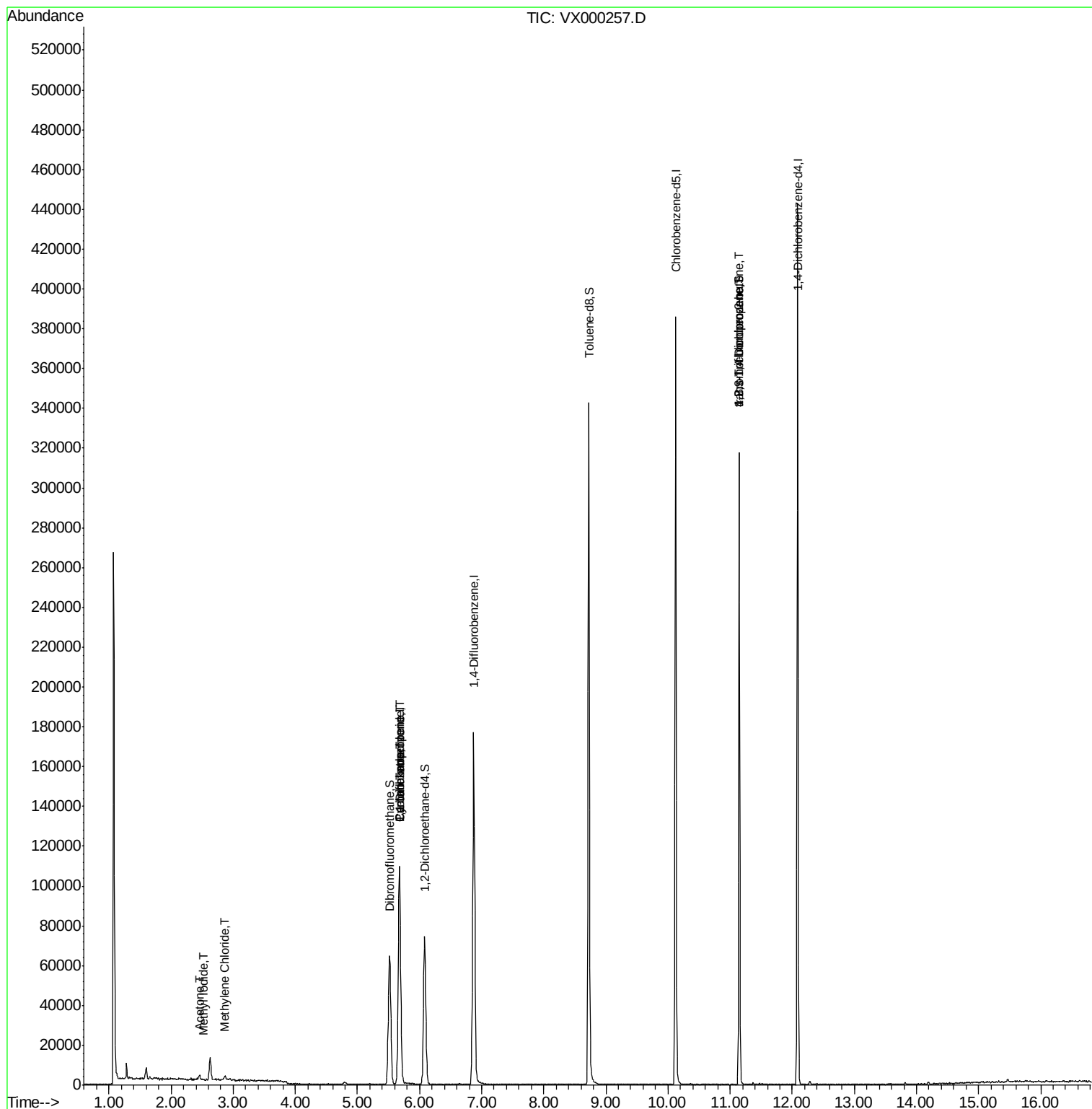
Quant Time: Mar 09 23:29:41 2018

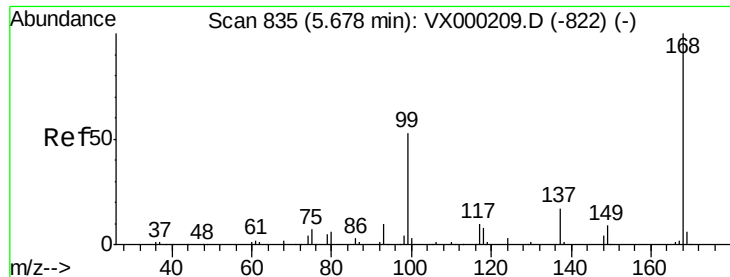
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 08 02:15:47 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

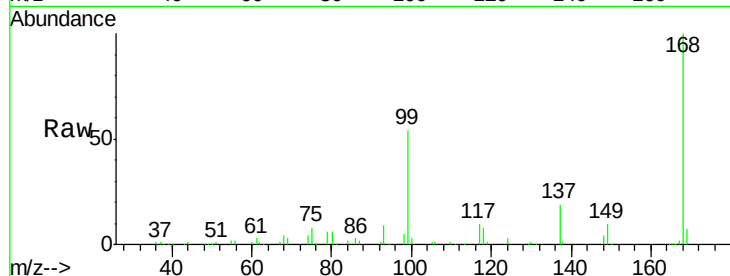
TRIP-BLANK

Tgt Ion:168 Resp: 102985

Ion Ratio Lower Upper

168 100

99 54.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

20000

10000

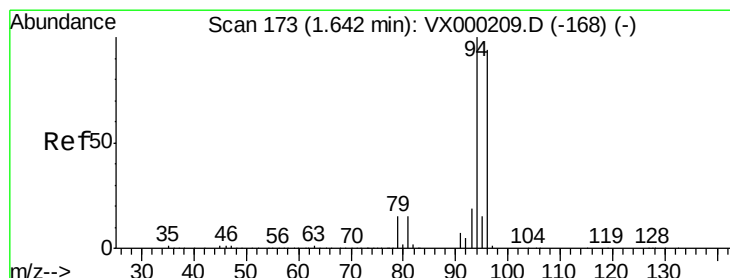
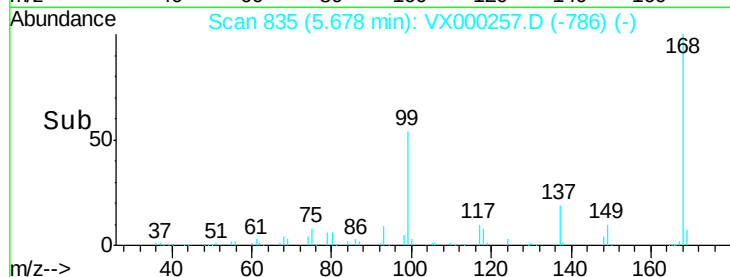
0

Time-->

5.60

5.70

5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000257.D

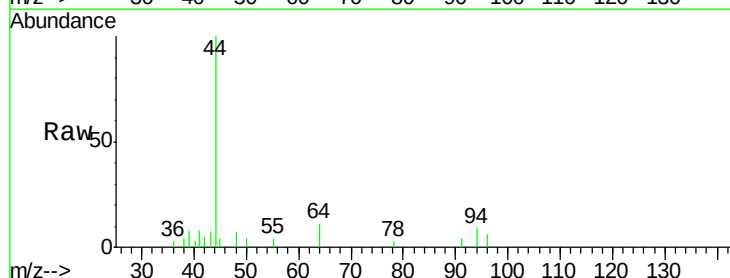
Acq: 09 Mar 2018 15:59

Tgt Ion: 94 Resp: 317

Ion Ratio Lower Upper

94 100

96 64.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

150

100

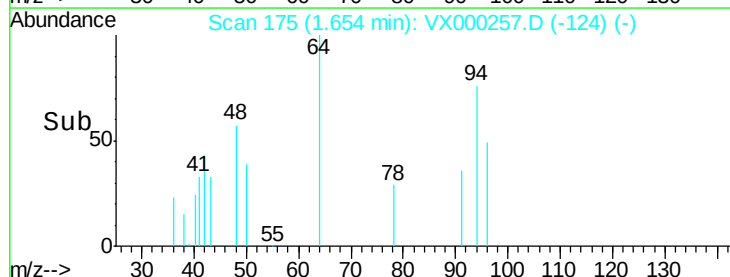
50

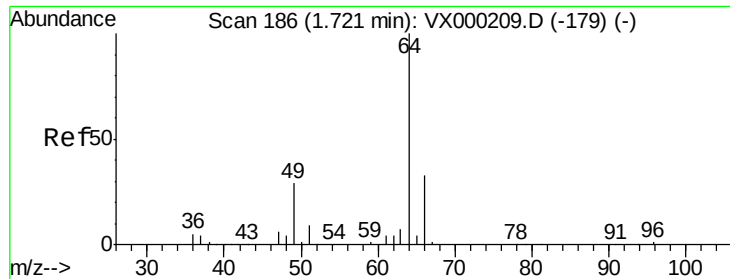
0

Time-->

1.60

1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

Instrument :

MSVOA_X

ClientSampled :

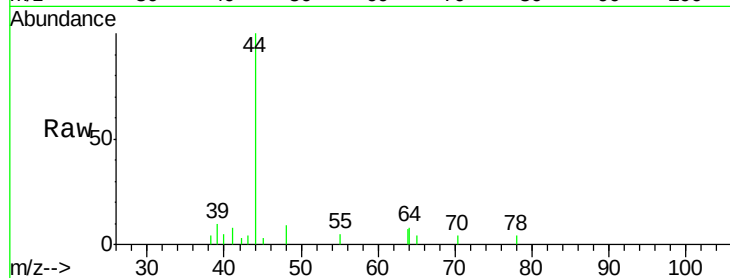
TRIP-BLANK

Tgt Ion: 64 Resp: 155

Ion Ratio Lower Upper

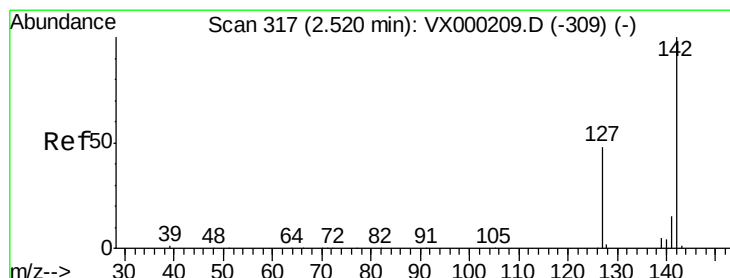
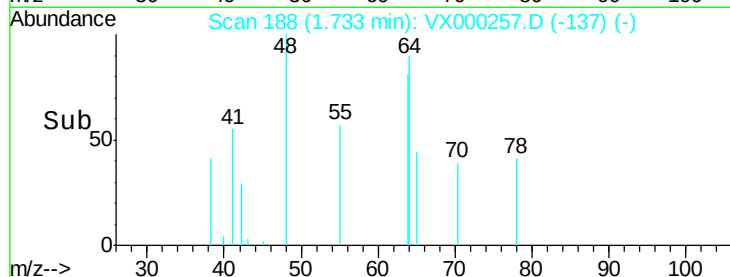
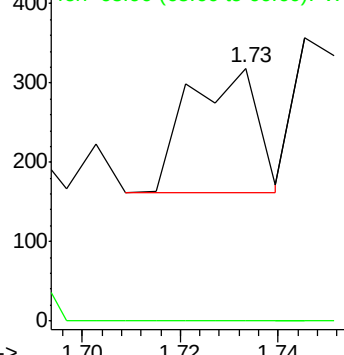
64 100

66 0.0 26.2 39.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 3.33 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

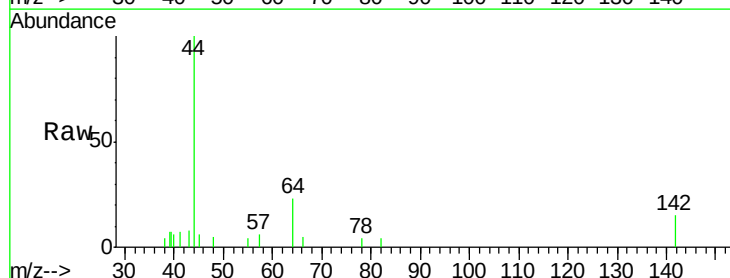
Tgt Ion: 142 Resp: 246

Ion Ratio Lower Upper

142 100

127 8.1 39.0 58.6#

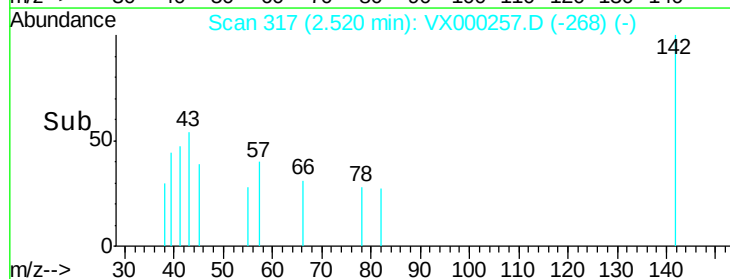
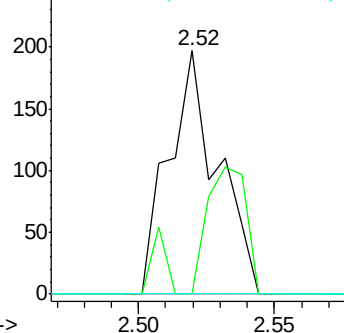
141 0.0 11.6 17.4#

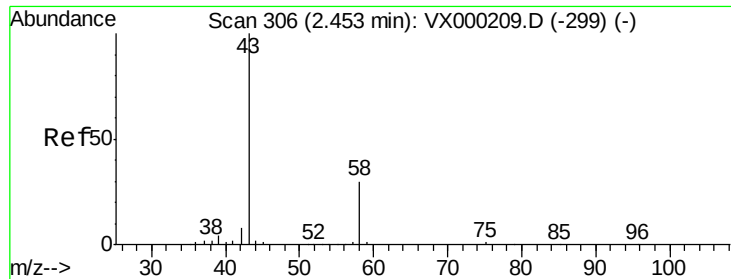


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 2.85 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

Instrument :

MSVOA_X

ClientSampled :

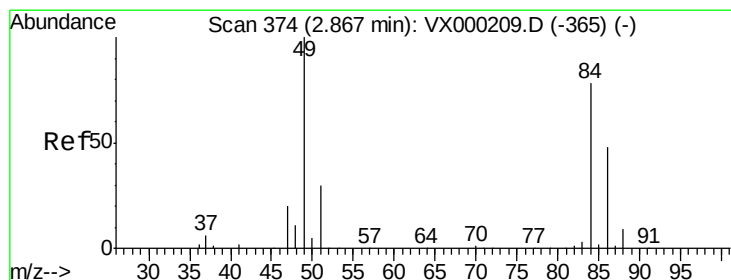
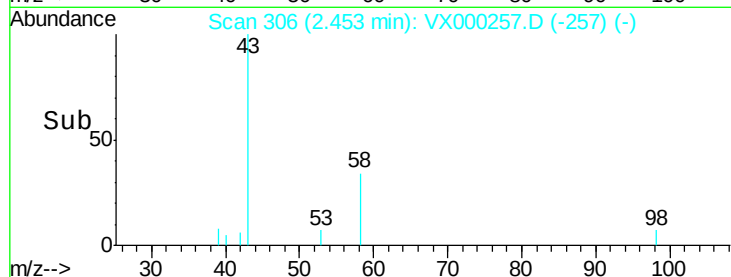
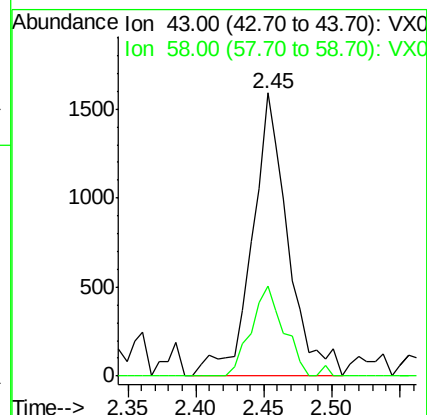
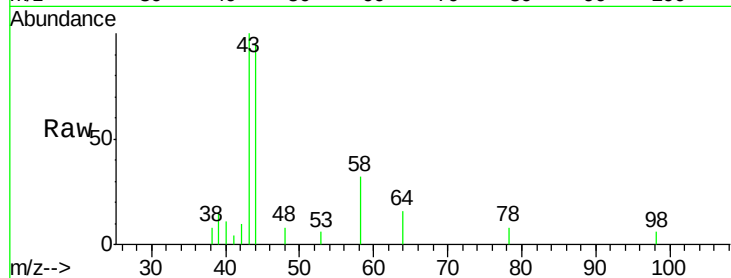
TRIP-BLANK

Tgt Ion: 43 Resp: 2926

Ion Ratio Lower Upper

43 100

58 31.8 23.8 35.6



#20

Methylene Chloride

Concen: 0.77 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

Tgt Ion: 84 Resp: 941

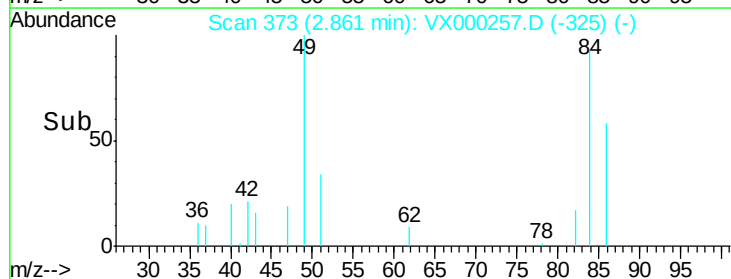
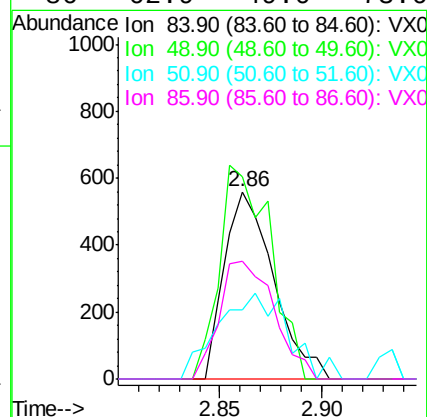
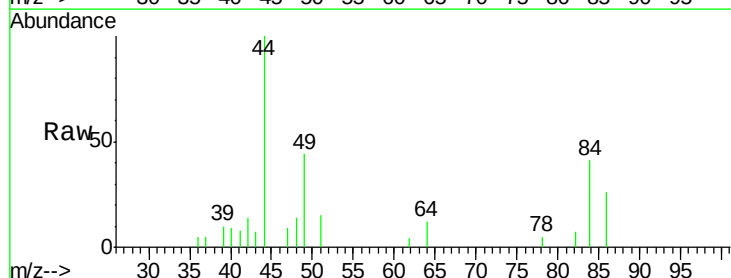
Ion Ratio Lower Upper

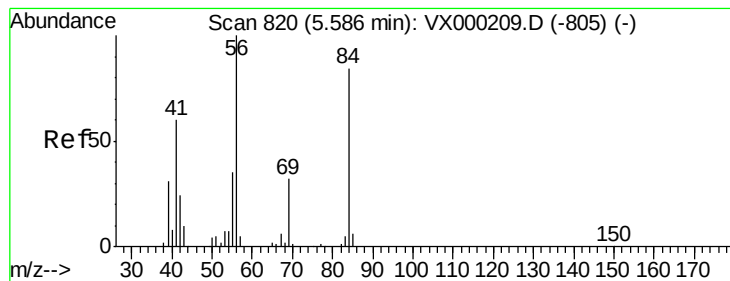
84 100

49 107.7 102.1 153.1

51 37.1 30.6 45.8

86 62.9 49.0 73.6





#31

Cyclohexane

Concen: 1.65 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

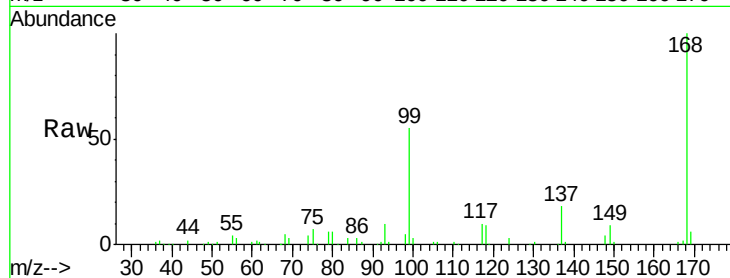
Tgt Ion: 56 Resp: 2571

Ion Ratio Lower Upper

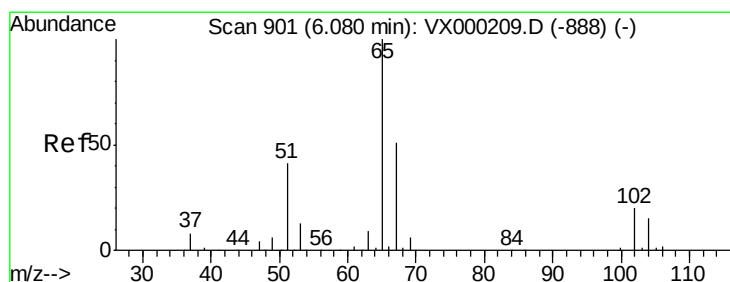
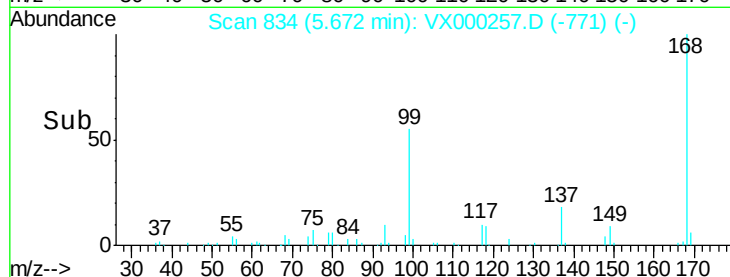
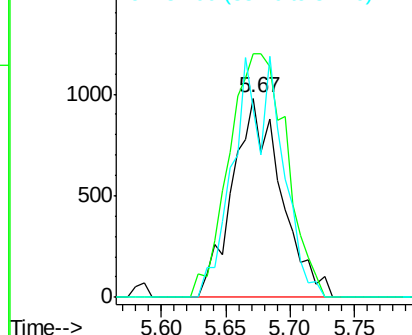
56 100

69 122.5 25.3 37.9#

84 94.7 67.2 100.8



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: 48.85 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000257.D

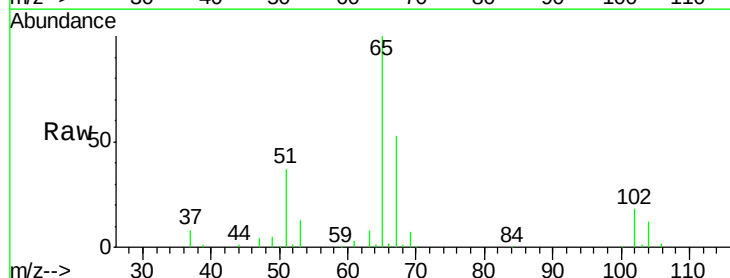
Acq: 09 Mar 2018 15:59

Tgt Ion: 65 Resp: 69744

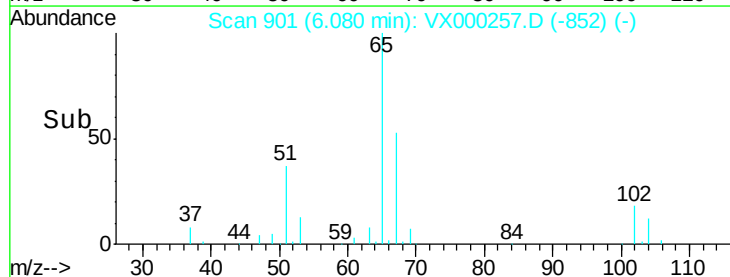
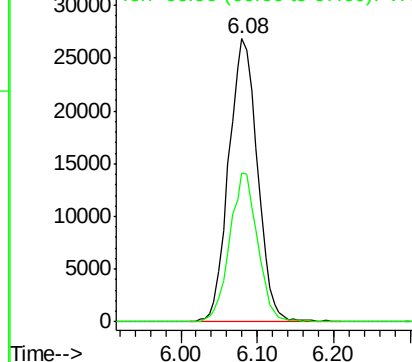
Ion Ratio Lower Upper

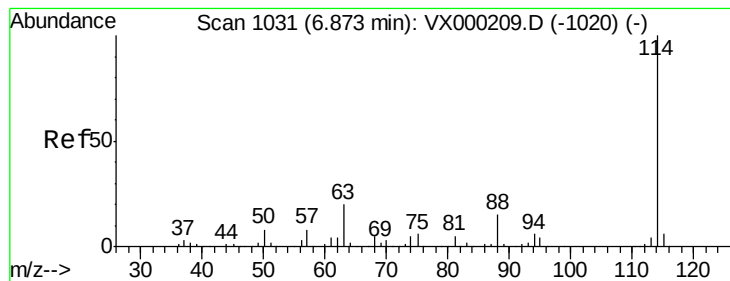
65 100

67 51.0 0.0 103.4



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. 0.00 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

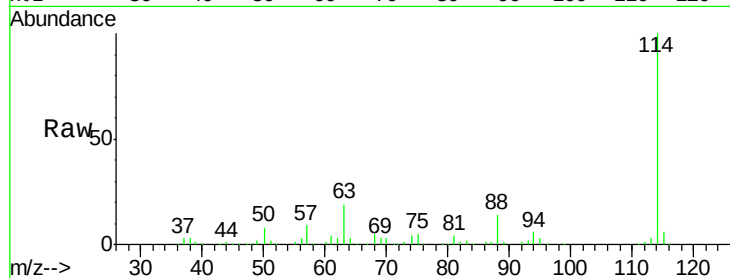
Tgt Ion:114 Resp: 175636

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

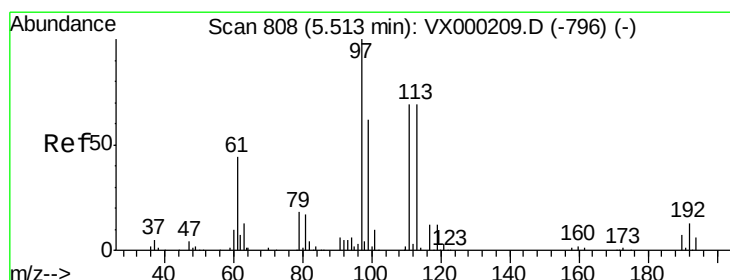
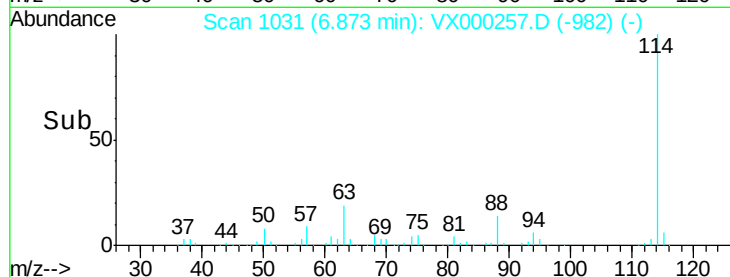
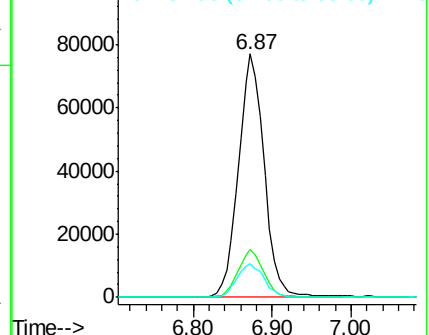
88 13.6 0.0 29.8



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: 46.55 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

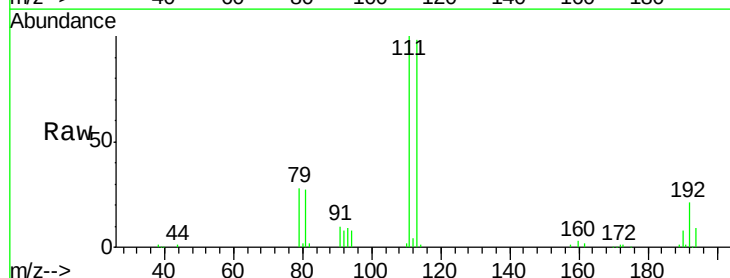
Tgt Ion:113 Resp: 51357

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

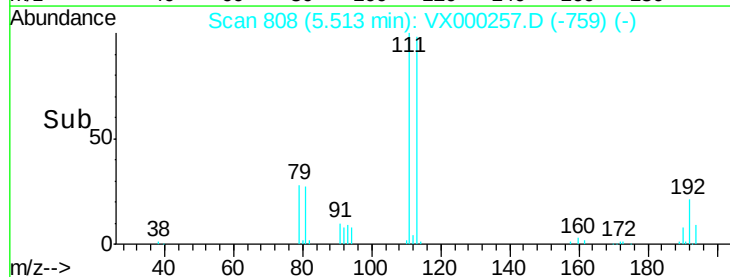
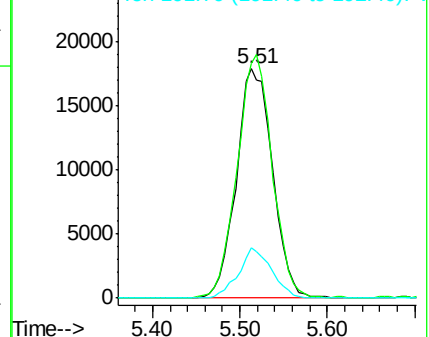
192 20.1 15.5 23.3

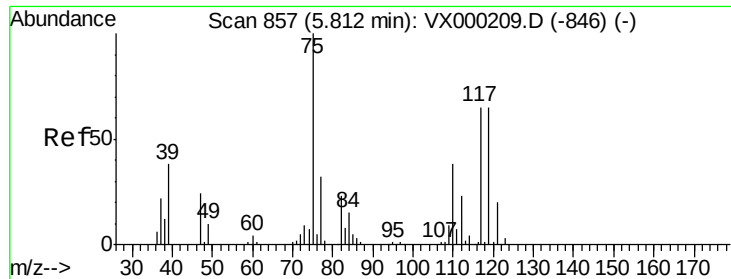


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

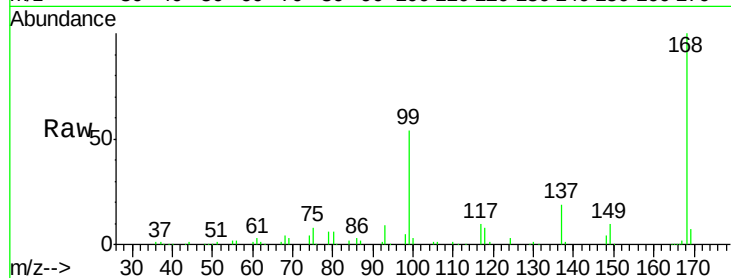




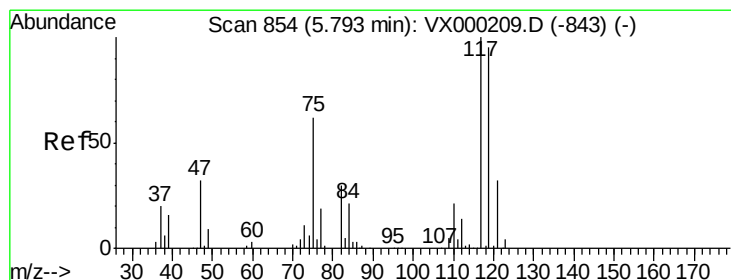
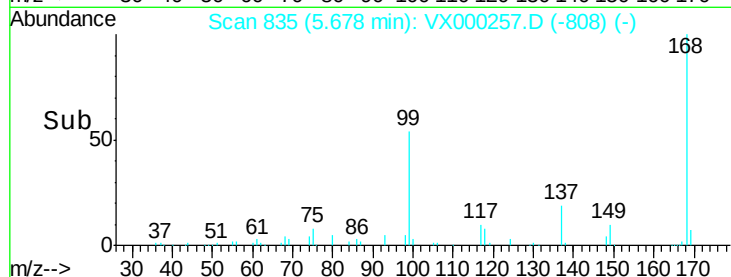
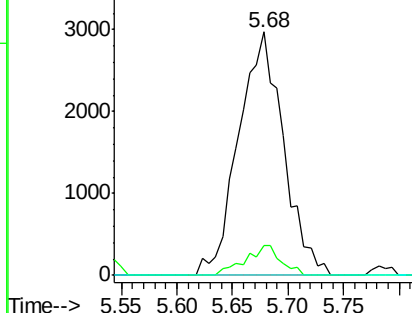
#36
 1,1-Dichloropropene
 Concen: 5.34 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000257.D
 Acq: 09 Mar 2018 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.8	53.5#
77	0.0	24.9	37.3#

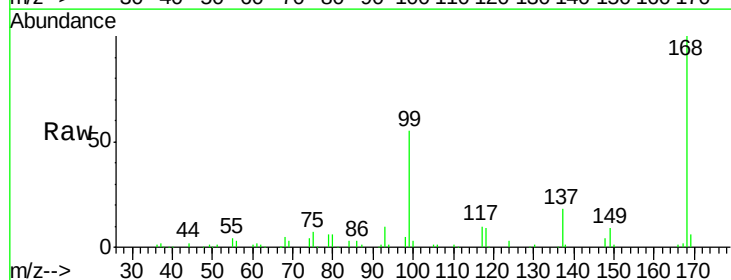


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

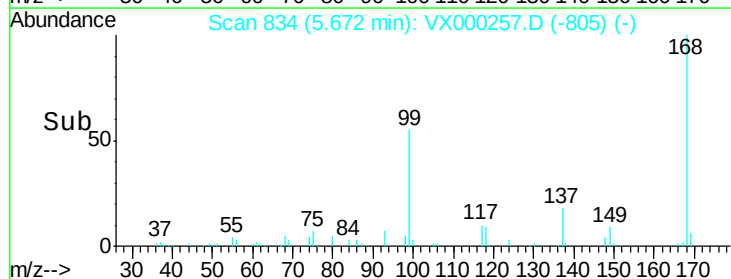
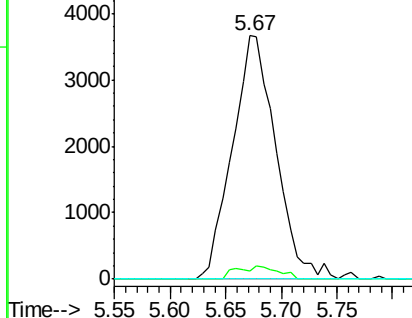


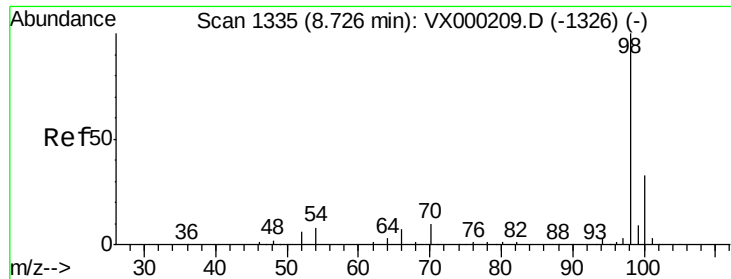
#38
 Carbon Tetrachloride
 Concen: 6.28 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX000257.D
 Acq: 09 Mar 2018 15:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.4	75.9	113.9#
121	0.0	25.8	38.6#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 44.71 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

Instrument :

MSVOA_X

ClientSampled :

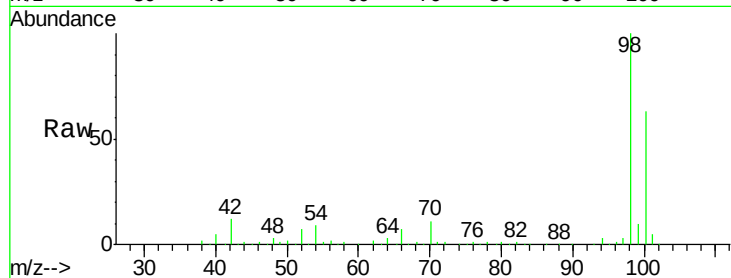
TRIP-BLANK

Tgt Ion: 98 Resp: 204304

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

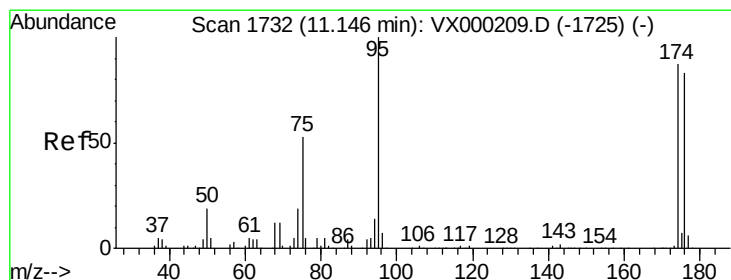
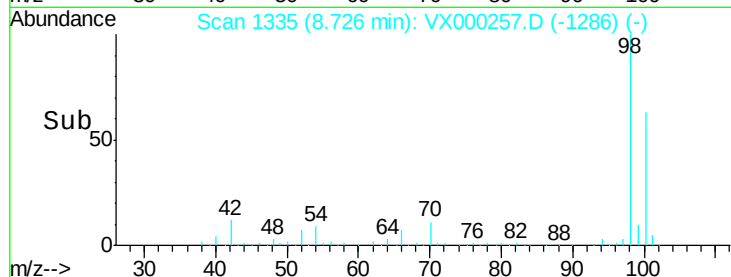
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 40.34 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

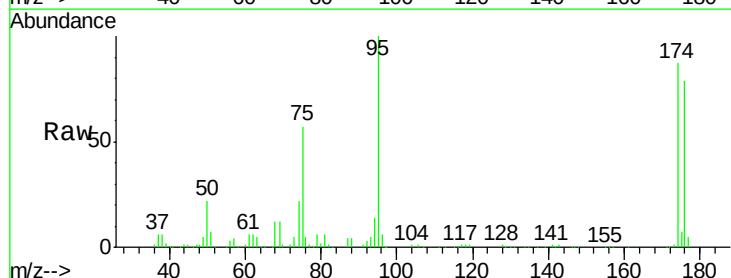
Tgt Ion: 95 Resp: 71952

Ion Ratio Lower Upper

95 100

174 85.4 0.0 175.6

176 83.7 0.0 171.0



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

80000

60000

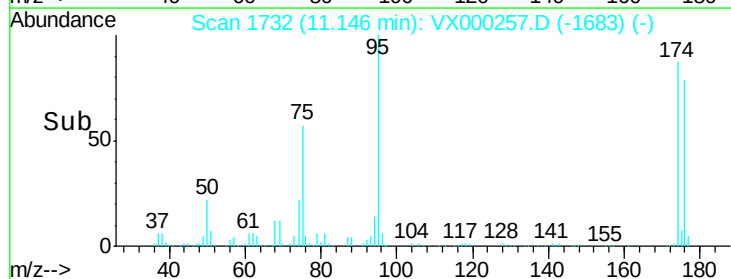
40000

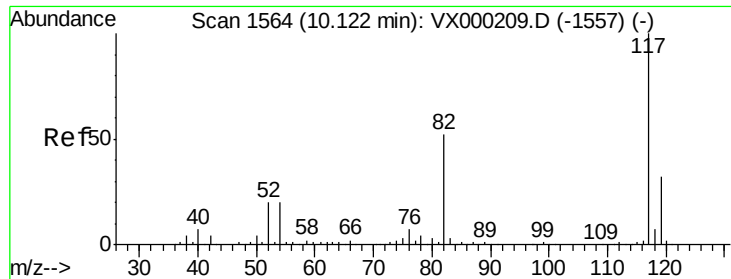
20000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

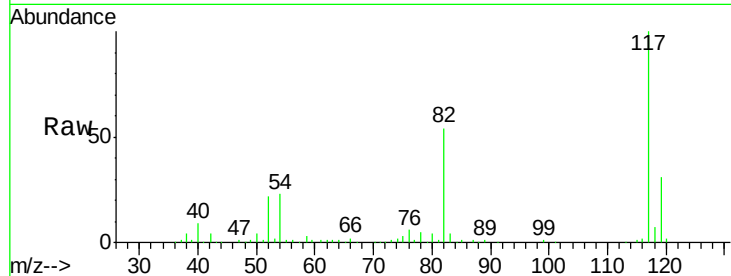
Tgt Ion:117 Resp: 164603

Ion Ratio Lower Upper

117 100

82 53.8 42.0 63.0

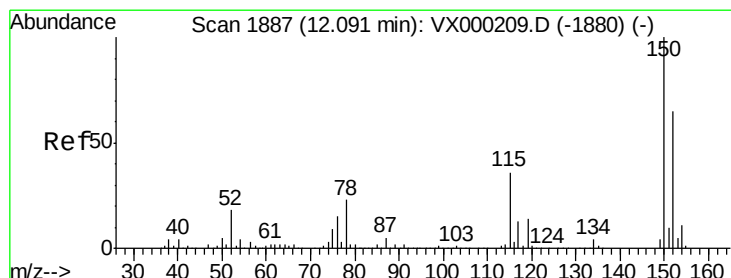
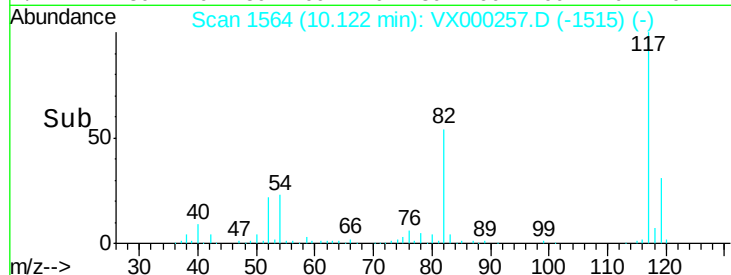
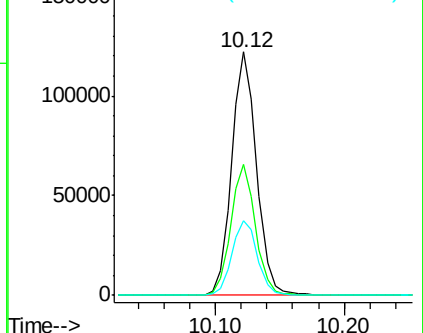
119 30.8 25.3 37.9



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: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000257.D

Acq: 09 Mar 2018 15:59

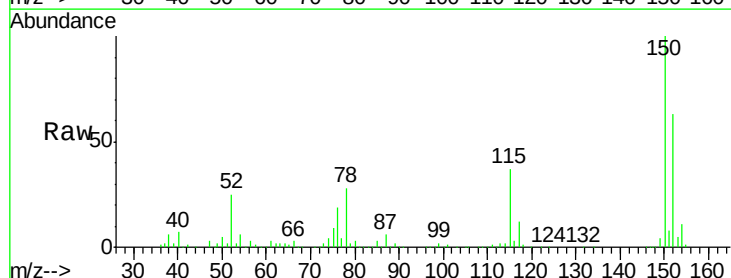
Tgt Ion:152 Resp: 85613

Ion Ratio Lower Upper

152 100

115 56.8 39.8 119.3

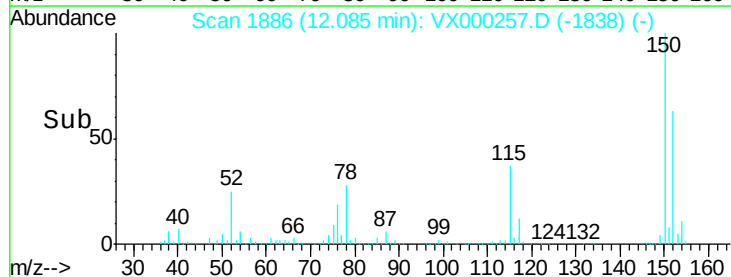
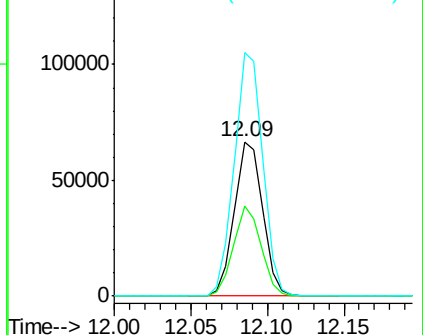
150 158.5 0.0 345.0

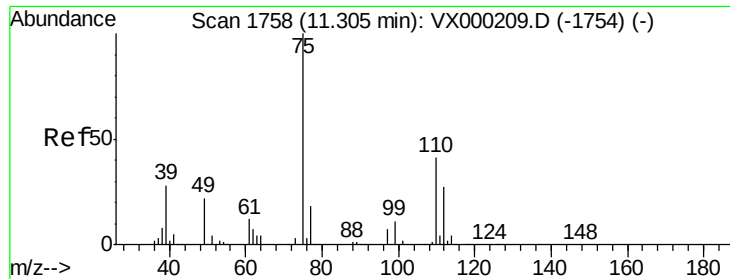


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

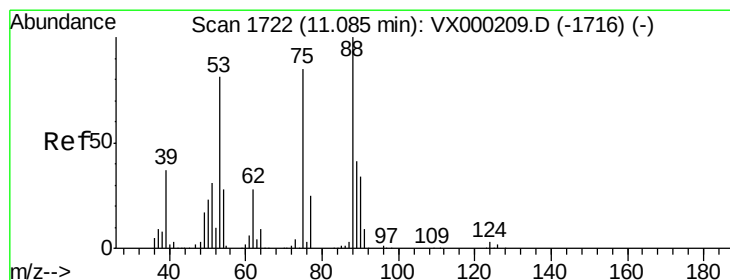
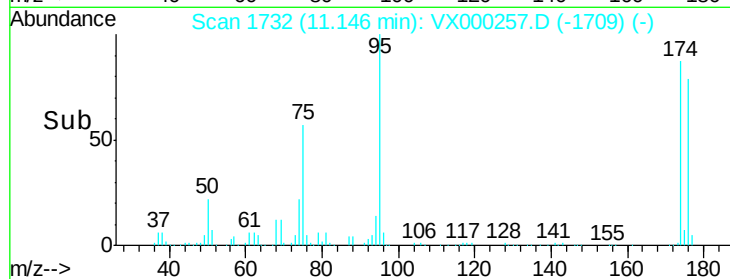
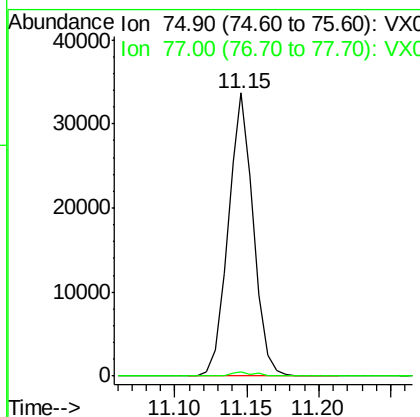
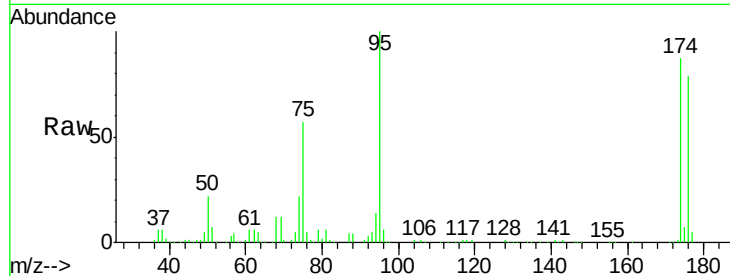




#76
 1,2,3-Trichloropropane
 Concen: 23.89 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000257.D
 Acq: 09 Mar 2018 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 40993
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.3 66.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.14 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000257.D
 Acq: 09 Mar 2018 15:59

Tgt Ion: 75 Resp: 40993
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 118.0#
 89 0.0 38.8 58.2#

