

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003300.D
 Acq On : 10 Jul 2018 22:23
 Operator : JC/MD
 Sample : J3892-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

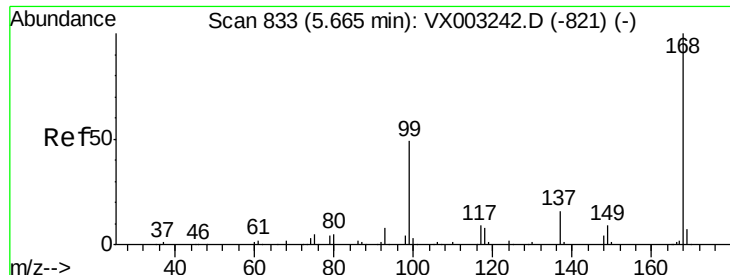
Quant Time: Jul 11 00:57:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184893	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	158729	39.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.98%	
35) Dibromofluoromethane	5.51	113	136721	36.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.00%	
50) Toluene-d8	8.72	98	499549	37.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.08%	
62) 4-Bromofluorobenzene	11.14	95	173560	35.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.67	94	1169	Below Cal		95
10) Methyl Iodide	2.52	142	1389	6.01 ug/l	#	93
16) Acetone	2.45	43	5329	3.78 ug/l		98
20) Methylene Chloride	2.86	84	589	Below Cal	#	67
36) 1,1-Dichloropropene	5.67	75	15975	3.24 ug/l	#	51
38) Carbon Tetrachloride	5.67	117	21936	4.06 ug/l	#	17
49) 1,4-Dioxane	7.71	88	23	0.25 ug/l	#	66
51) 4-Methyl-2-Pentanone	8.72	43	1978	0.37 ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	85770	21.46 ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	85770	70.15 ug/l	#	7

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003300.D

Acq: 10 Jul 2018 22:23

Instrument :

MSVOA_X

ClientSampleId :

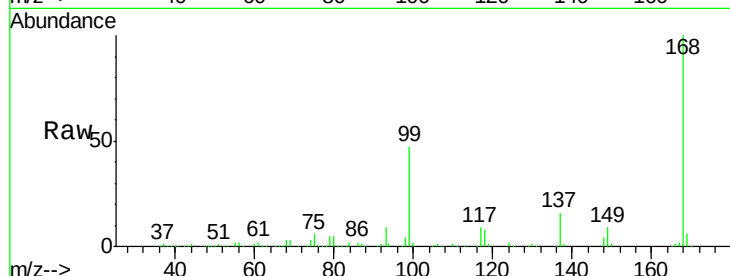
STORAGEBLANK-SAMPLEMANAG

Tot Ion:168 Resp: 252205

Ion Ratio Lower Upper

168 100

99 46.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

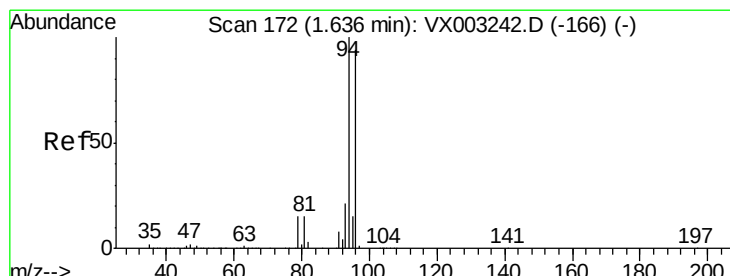
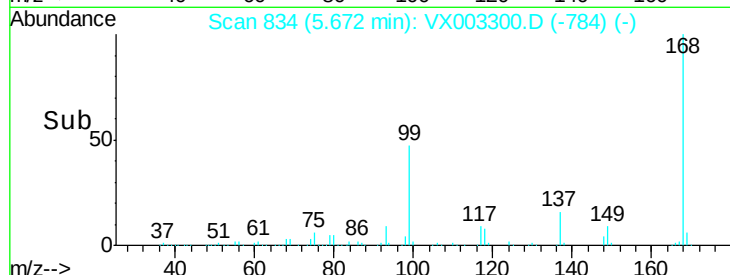
40000

20000

0

Time-->

5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX003300.D

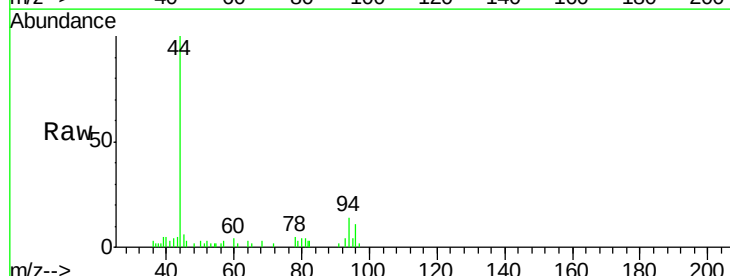
Acq: 10 Jul 2018 22:23

Tgt Ion: 94 Resp: 1169

Ion Ratio Lower Upper

94 100

96 88.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.67

500

400

300

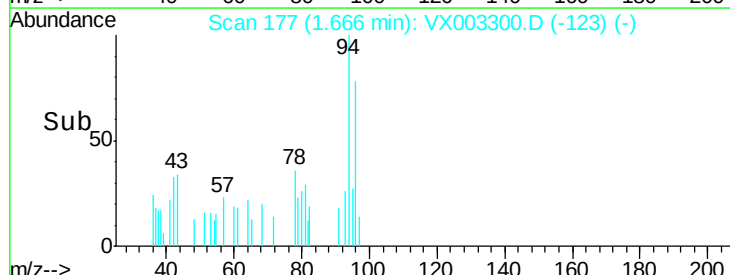
200

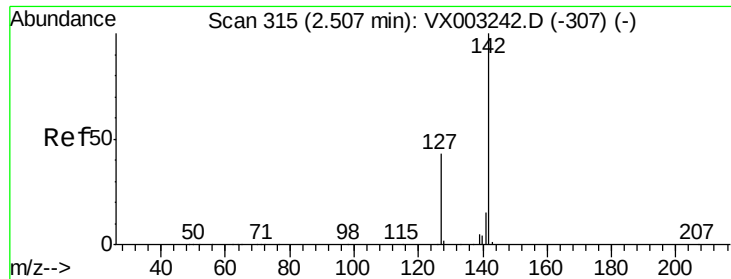
100

0

Time-->

1.60 1.65 1.70

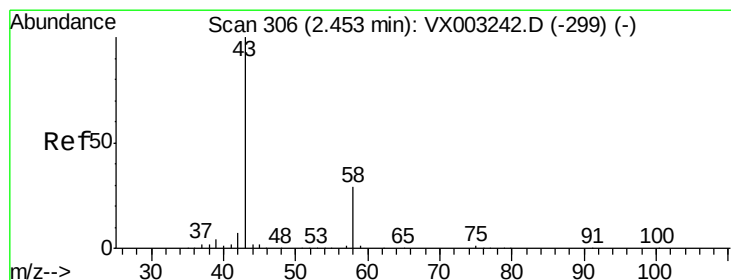
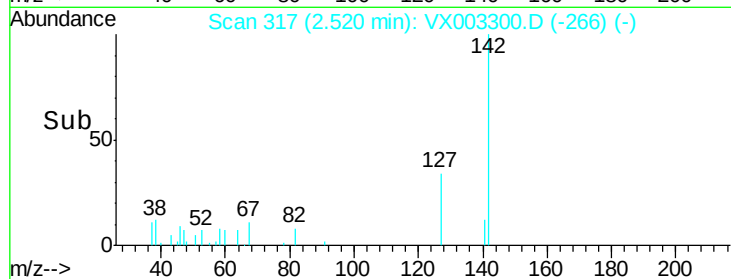
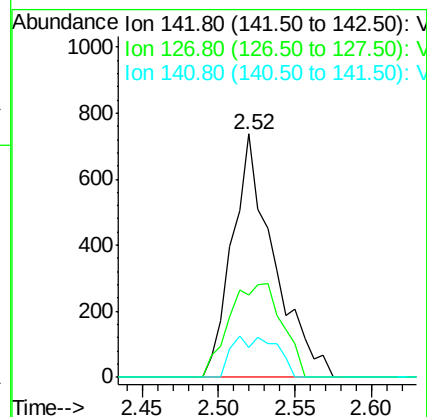
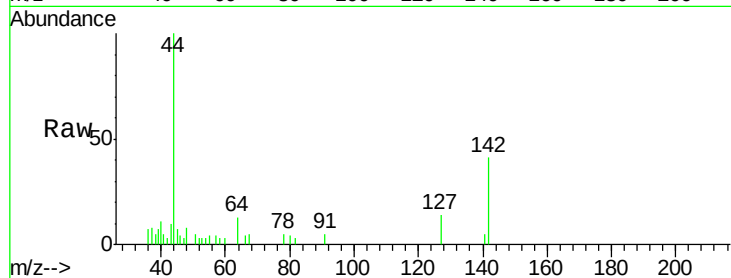




#10
Methvl Iodide
Concen: 6.01 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003300.D
Acq: 10 Jul 2018 22:23

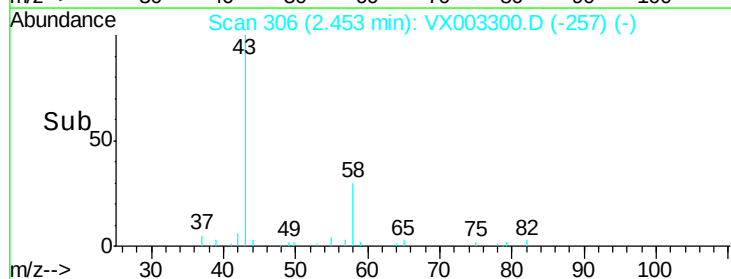
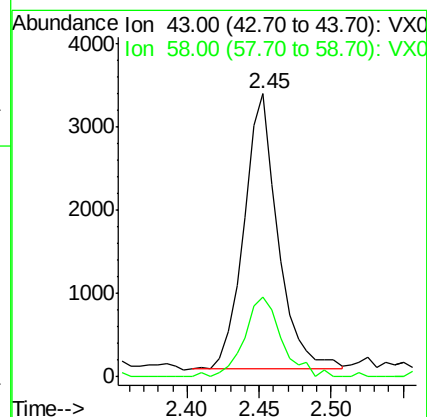
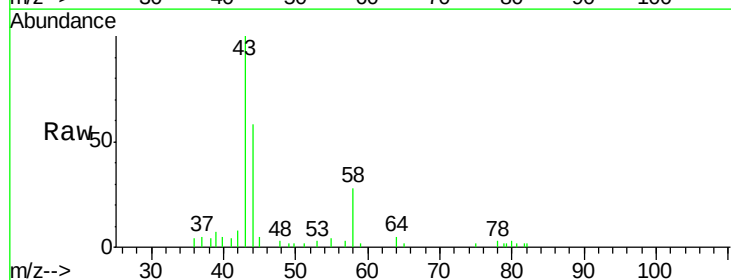
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

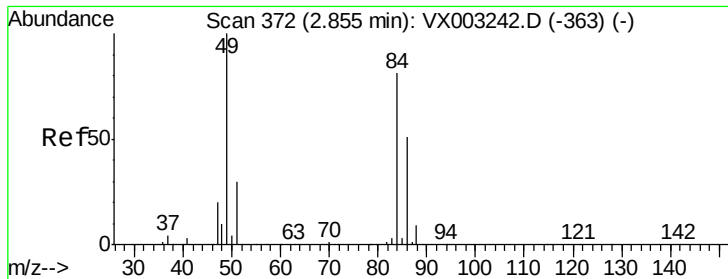
Tot Ion:142 Resp: 1389
Ion Ratio Lower Upper
142 100
127 49.0 36.6 55.0
141 7.9 11.3 16.9#



#16
Acetone
Concen: 3.78 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX003300.D
Acq: 10 Jul 2018 22:23

Tgt Ion: 43 Resp: 5329
Ion Ratio Lower Upper
43 100
58 28.9 22.1 33.1

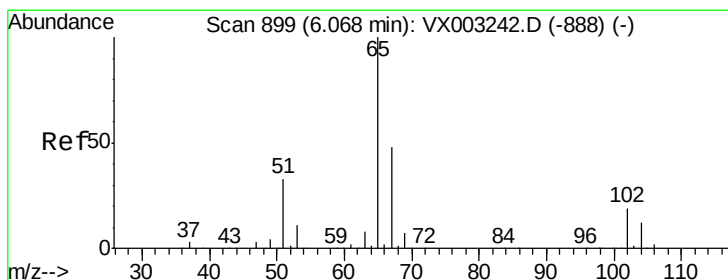
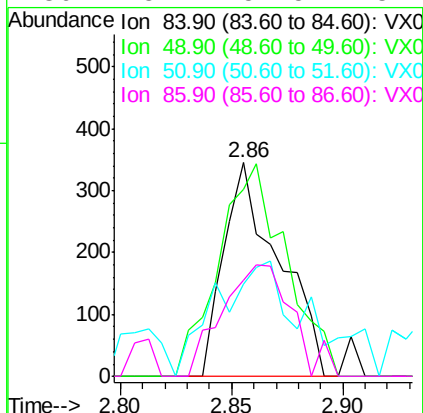
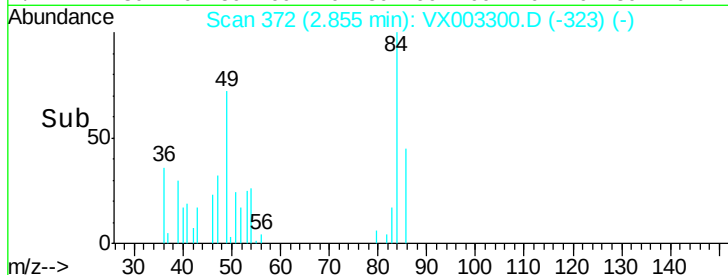
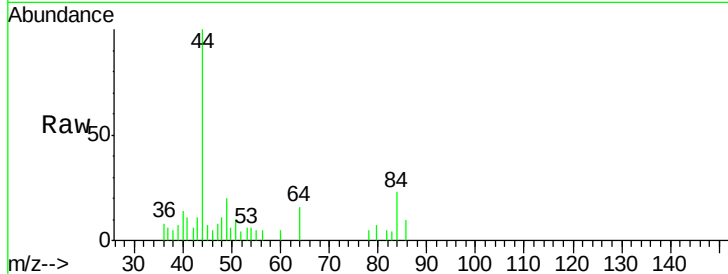




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003300.D
Acq: 10 Jul 2018 22:23

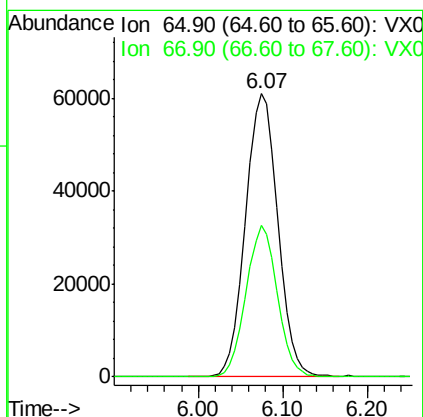
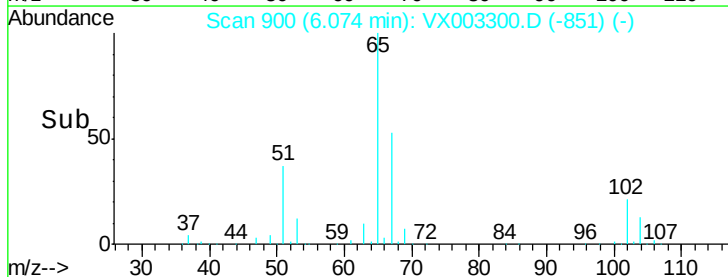
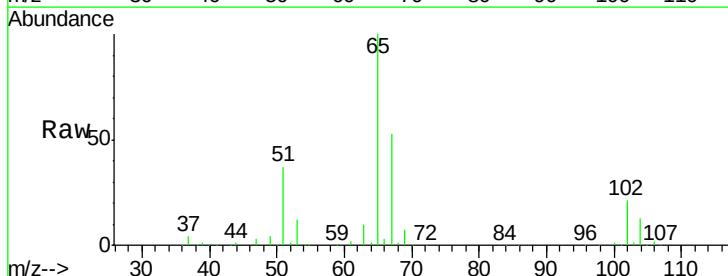
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

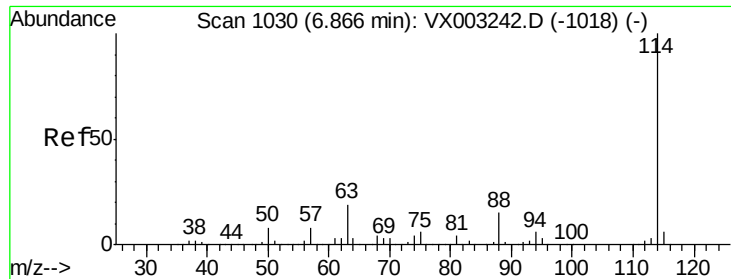
Tot Ion: 84 Resp: 589
Ion Ratio Lower Upper
84 100
49 87.5 107.8 161.6#
51 25.2 32.8 49.2#
86 45.2 52.5 78.7#



#33
1,2-Dichloroethane-d4
Concen: 39.99 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003300.D
Acq: 10 Jul 2018 22:23

Tgt Ion: 65 Resp: 158729
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003300.D

Acq: 10 Jul 2018 22:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

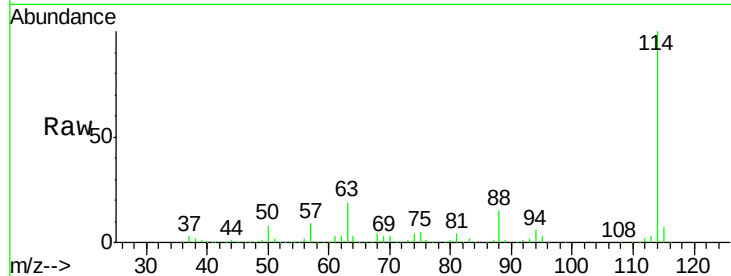
Tot Ion:114 Resp: 348682

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

88 15.0 0.0 30.0

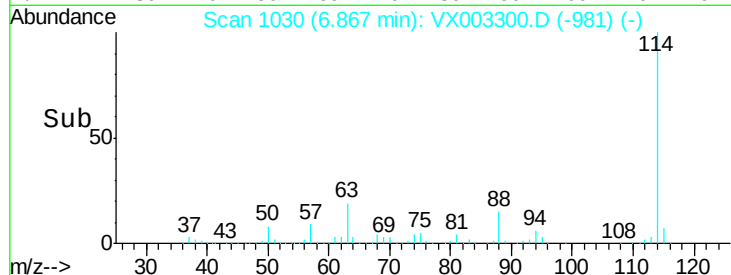


Abundance Ion 113.90 (113.60 to 114.60): V

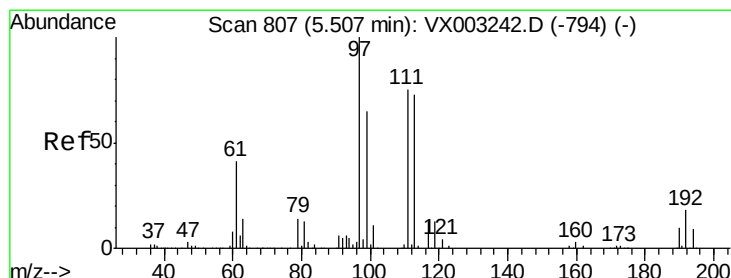
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87



Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 36.50 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003300.D

Acq: 10 Jul 2018 22:23

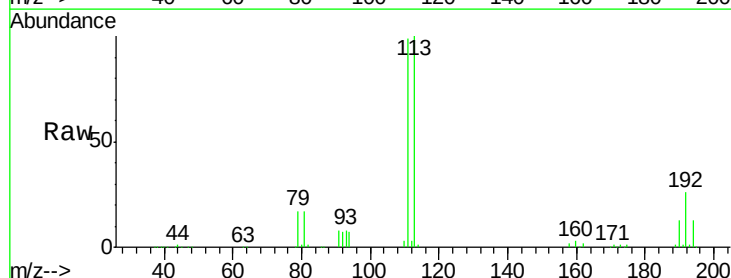
Tgt Ion:113 Resp: 136721

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 24.9 19.1 28.7

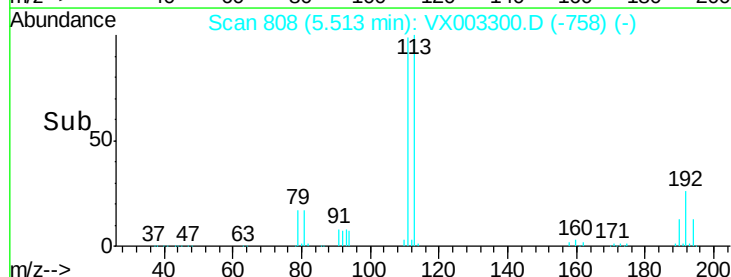


Abundance Ion 112.80 (112.50 to 113.50): V

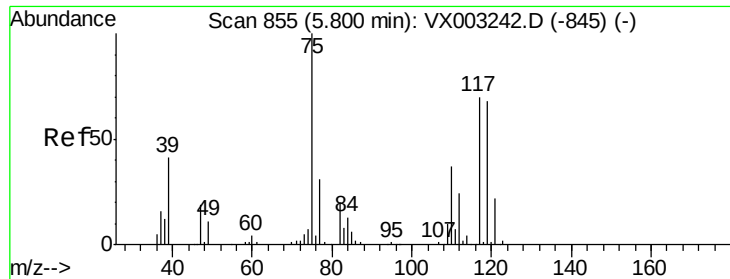
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.51



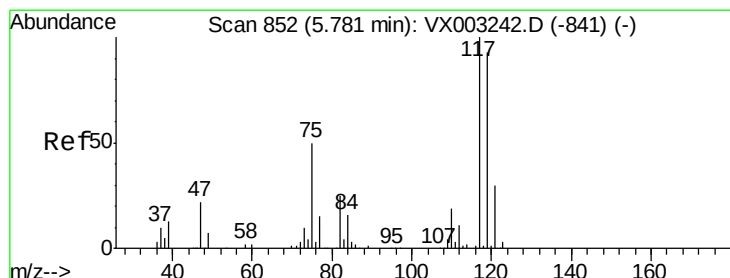
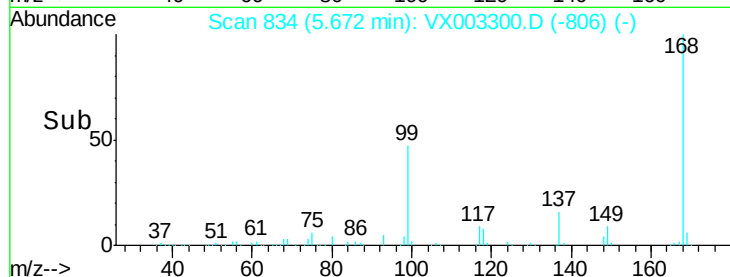
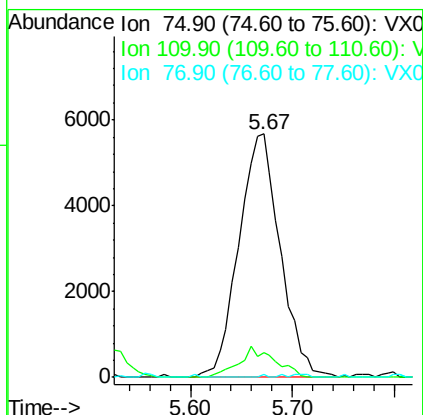
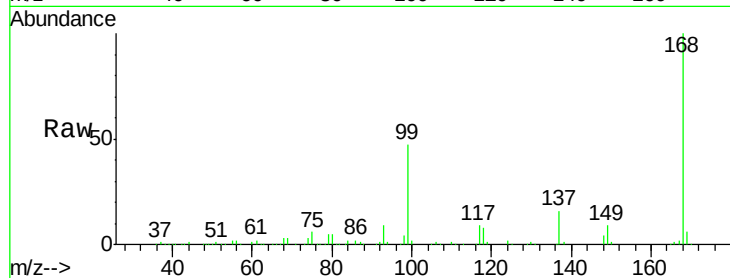
Time--> 5.40 5.50 5.60 5.70



#36
 1,1-Dichloropropene
 Concen: 3.24 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX003300.D
 Acq: 10 Jul 2018 22:23

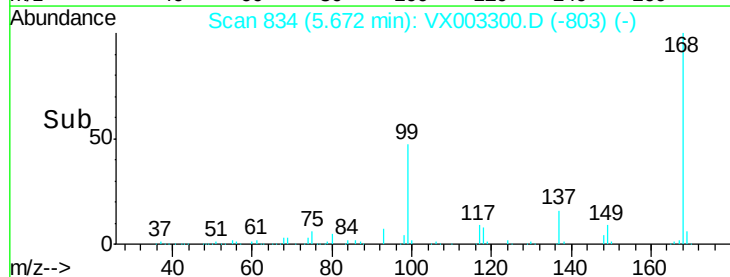
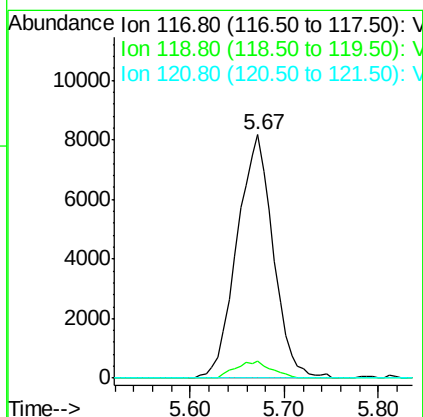
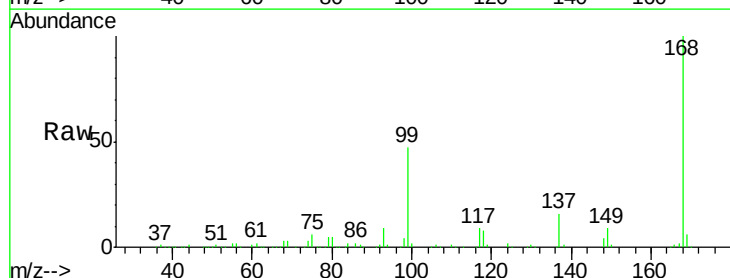
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

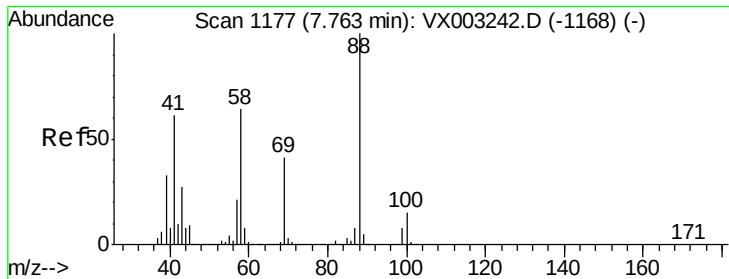
Tot Ion: 75 Resp: 15975
 Ion Ratio Lower Upper
 75 100
 110 10.9 18.1 54.4#
 77 0.1 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 4.06 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.11 min
 Lab File: VX003300.D
 Acq: 10 Jul 2018 22:23

Tgt Ion: 117 Resp: 21936
 Ion Ratio Lower Upper
 117 100
 119 6.8 77.4 116.0#
 121 0.0 24.4 36.6#

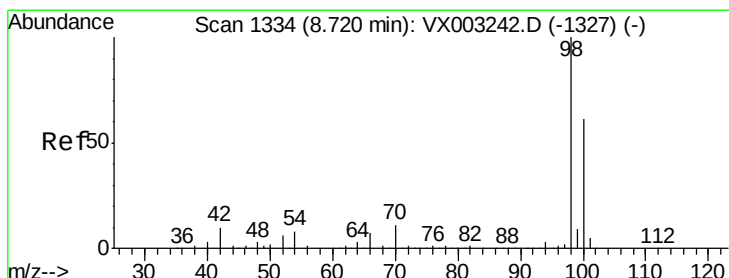
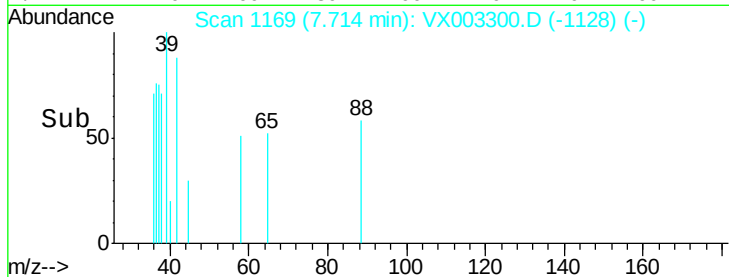
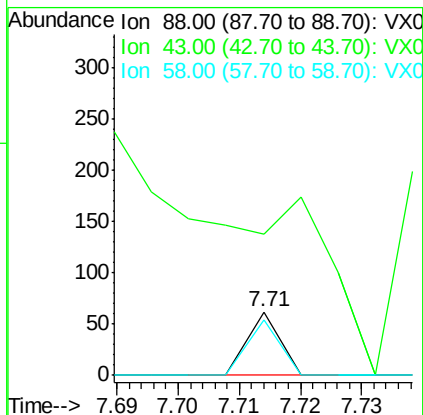
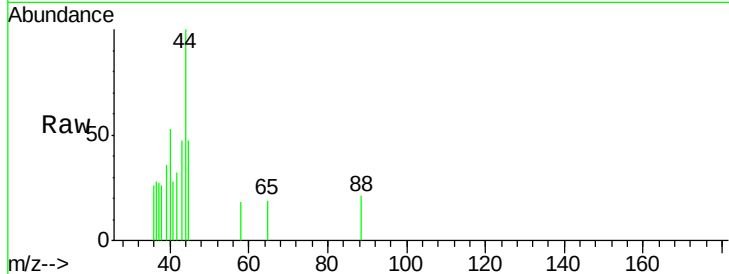




#49
1,4-Dioxane
Concen: 0.25 ug/l
RT: 7.71 min Scan# 1169
Delta R.T. -0.05 min
Lab File: VX003300.D
Acq: 10 Jul 2018 22:23

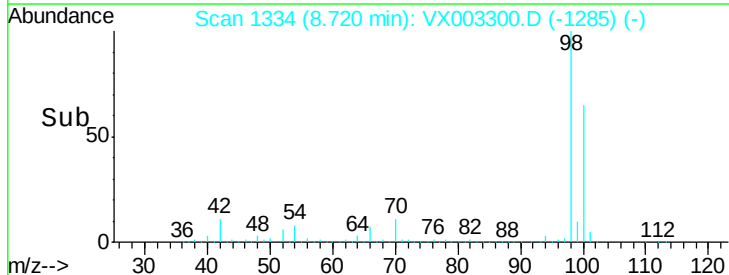
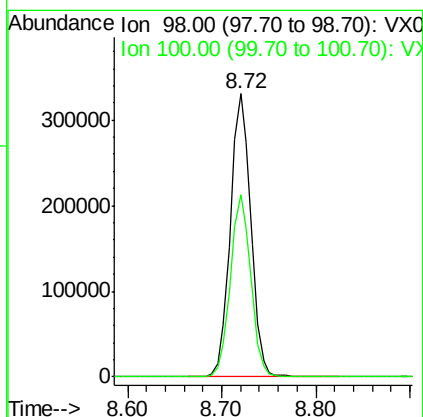
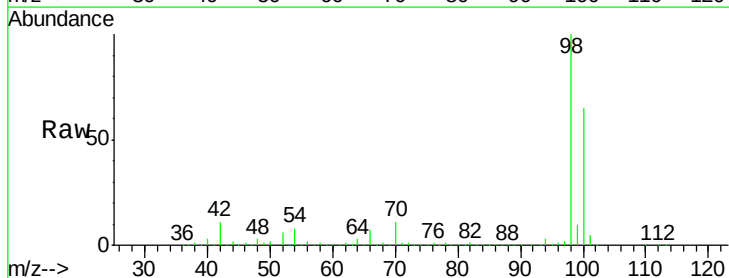
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

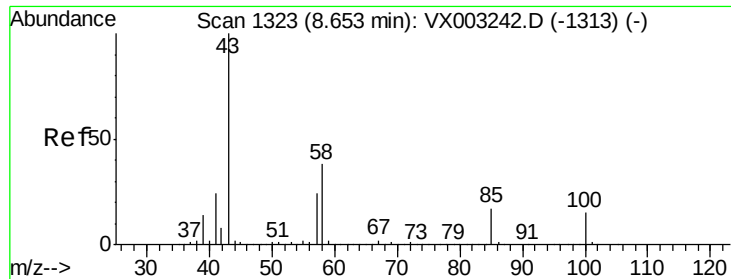
Tot Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 29.8 44.6#
58 87.0 57.1 85.7#



#50
Toluene-d8
Concen: 37.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003300.D
Acq: 10 Jul 2018 22:23

Tgt Ion: 98 Resp: 499549
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.37 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.06 min

Lab File: VX003300.D

Acq: 10 Jul 2018 22:23

Instrument :

MSVOA_X

ClientSampleId :

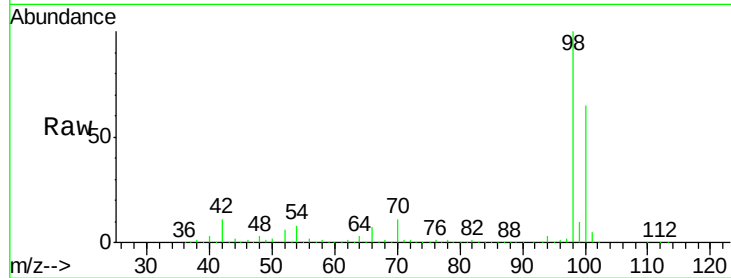
STORAGEBLANK-SAMPLEMANAG

Tot Ion: 43 Resp: 1978

Ion Ratio Lower Upper

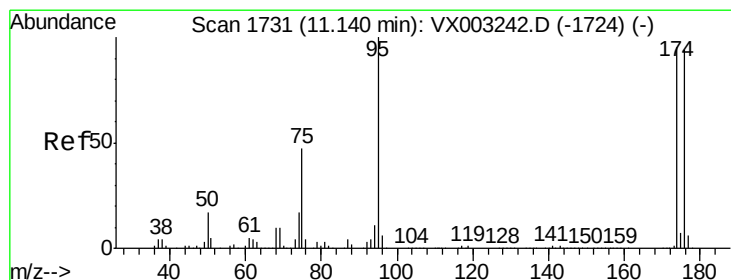
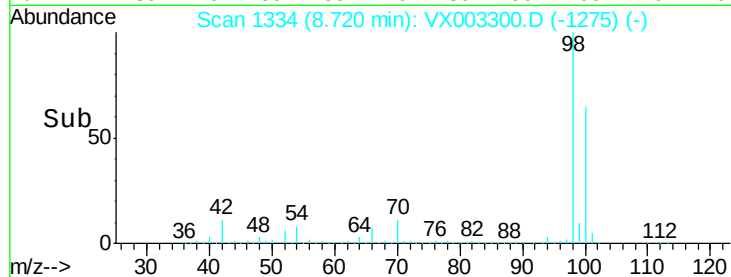
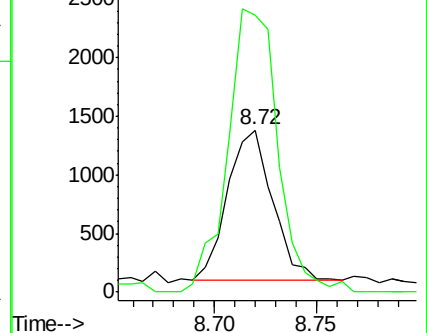
43 100

58 208.0 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 35.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003300.D

Acq: 10 Jul 2018 22:23

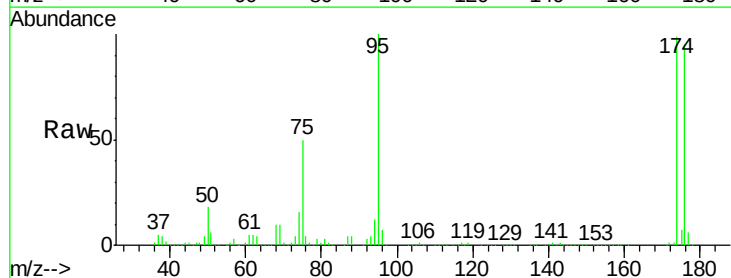
Tgt Ion: 95 Resp: 173560

Ion Ratio Lower Upper

95 100

174 101.6 0.0 187.4

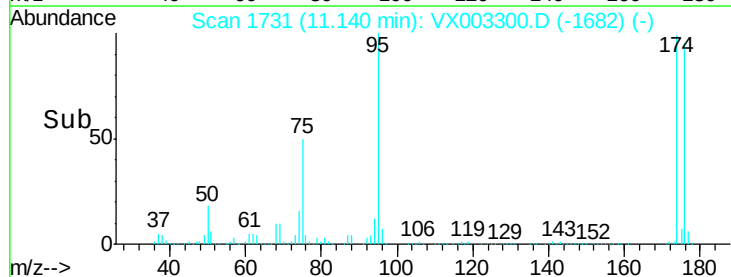
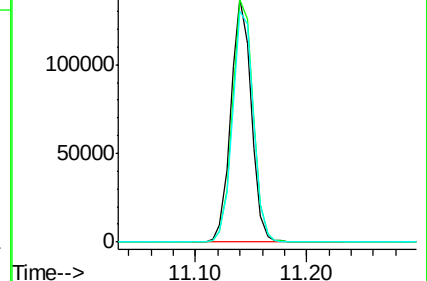
176 97.1 0.0 181.0

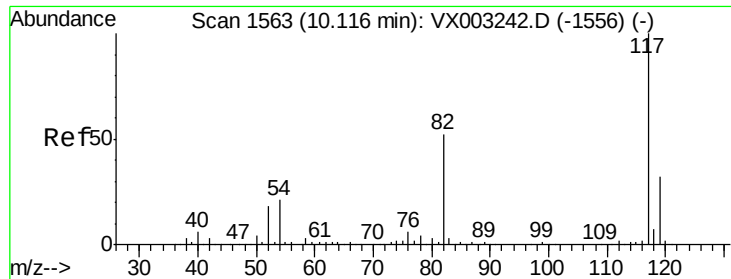


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

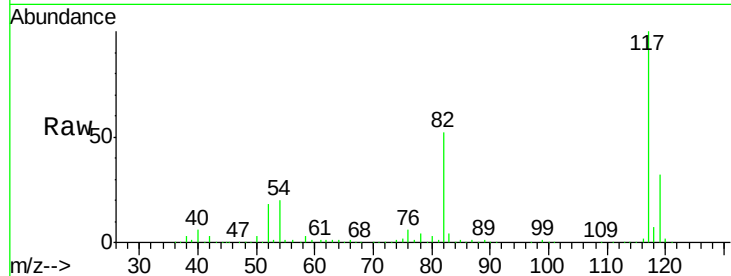




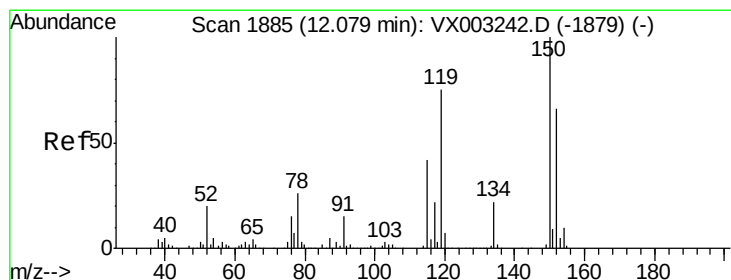
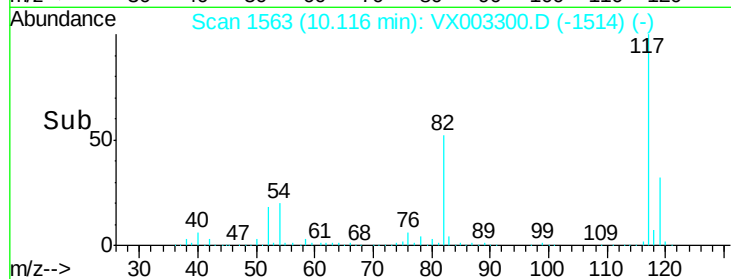
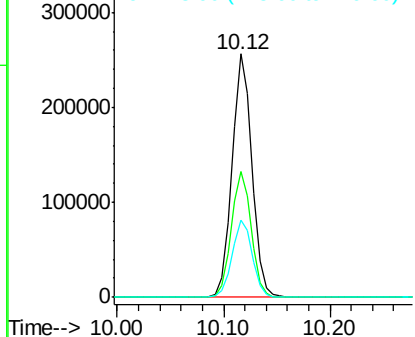
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003300.D
Acq: 10 Jul 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

Tot Ion:117 Resp: 335883
Ion Ratio Lower Upper
117 100
82 51.7 45.0 67.4
119 31.8 25.8 38.6

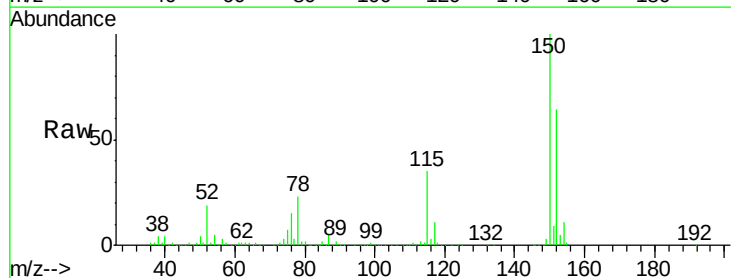


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

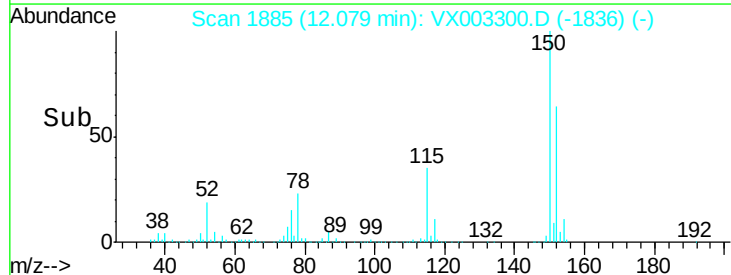
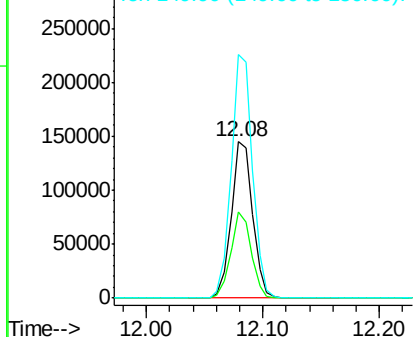


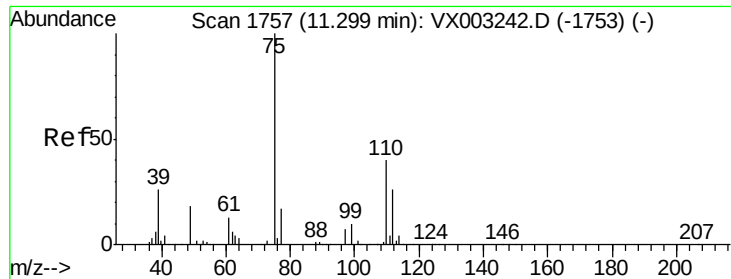
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003300.D
Acq: 10 Jul 2018 22:23

Tgt Ion:152 Resp: 184893
Ion Ratio Lower Upper
152 100
115 52.9 40.1 120.2
150 155.5 0.0 347.2



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: 21.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003300.D

Acq: 10 Jul 2018 22:23

Instrument :

MSVOA_X

ClientSampleId :

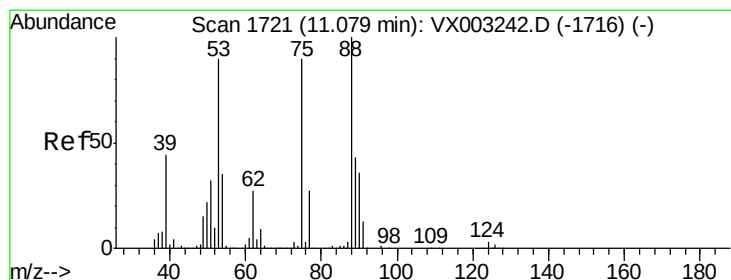
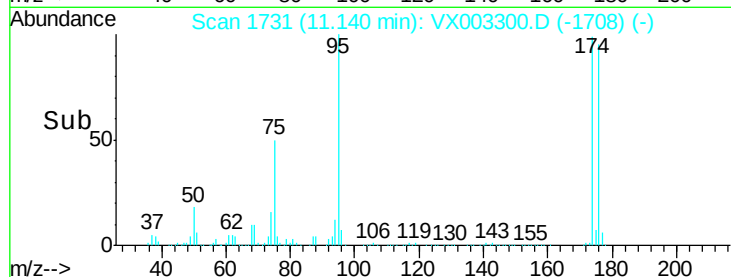
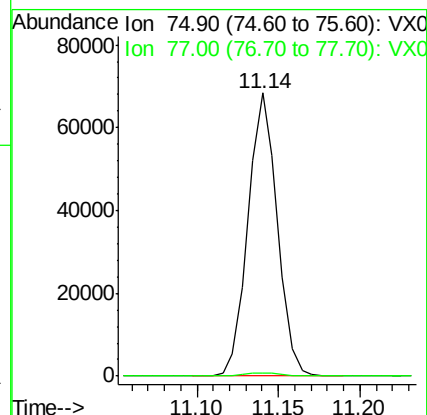
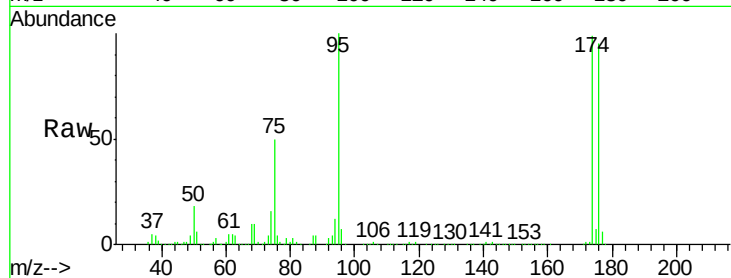
STORAGE\BLANK-SAMPLE\MANAG

Tot Ion: 75 Resp: 85770

Ion Ratio Lower Upper

75 100

77 1.3 22.8 68.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003300.D

Acq: 10 Jul 2018 22:23

Tgt Ion: 75 Resp: 85770

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

89 0.0 38.2 57.2#

