

Data File : VX001323.D

Acq On : 02 May 2018 18:00

Operator : JC/MD

Sample : J2628-01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 16 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6

Quant Time: May 03 05:05:01 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	148249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	197876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	175733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	91539	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
35) Dibromofluoromethane	5.51	113	74844	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	
50) Toluene-d8	8.72	98	274409	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
62) 4-Bromofluorobenzene	11.15	95	87780	36.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.08%	

Target Compounds

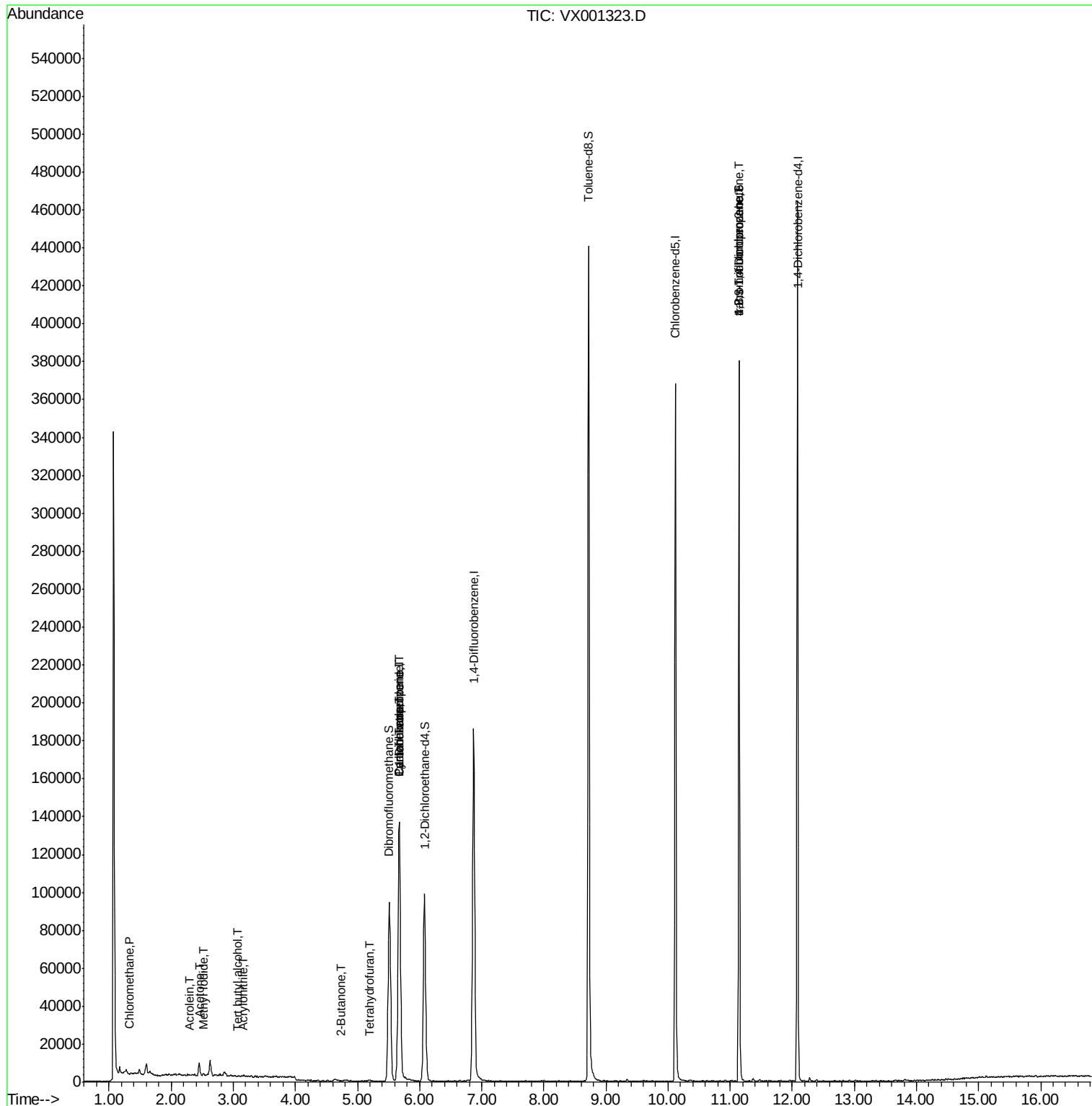
						Qvalue
3) Chloromethane	1.32	50	326	0.20	ug/l	# 88
5) Bromomethane	1.65	94	879	Below	Cal	# 74
10) Methyl Iodide	2.52	142	1195	4.94	ug/l	# 96
11) Tert butyl alcohol	3.07	59	300	0.85	ug/l	# 89
13) Acrolein	2.30	56	46	0.23	ug/l	# 1
15) Acrylonitrile	3.15	53	238	0.29	ug/l	# 65
16) Acetone	2.45	43	7097	8.10	ug/l	# 99
20) Methylene Chloride	2.86	84	810	Below	Cal	# 67
25) 2-Butanone	4.73	43	259	0.22	ug/l	# 49
29) Tetrahydrofuran	5.18	42	240	0.33	ug/l	# 40
31) Cyclohexane	5.67	56	2812	1.12	ug/l	# 5
36) 1,1-Dichloropropene	5.67	75	9058	3.97	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	12510	5.23	ug/l	# 18
76) 1,2,3-Trichloropropane	11.14	75	44569	25.13	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	44569	79.02	ug/l	# 6

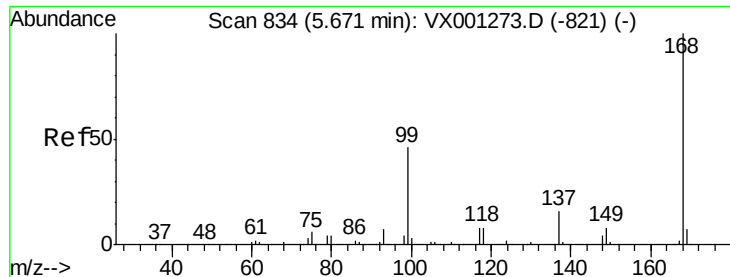
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX001323.D
Acq On : 02 May 2018 18:00
Operator : JC/MD
Sample : J2628-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SOILREF-6

Quant Time: May 03 05:05:01 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 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: VX001323.D

Acq: 02 May 2018 18:00

Instrument :

MSVOA_X

ClientSampleId :

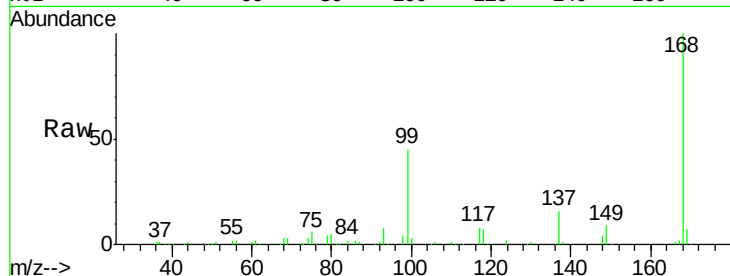
STORAGEBLANK-SOILREF-6

Tgt Ion:168 Resp: 148249

Ion Ratio Lower Upper

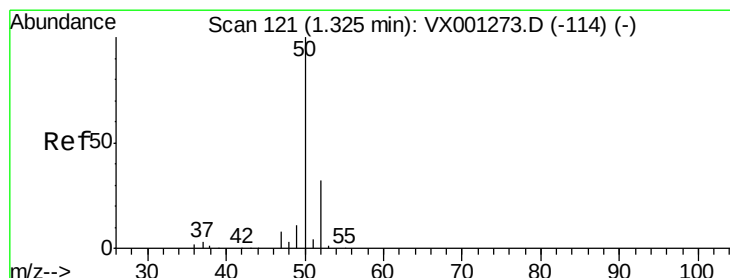
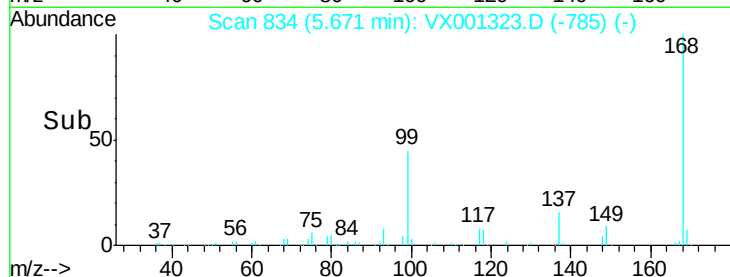
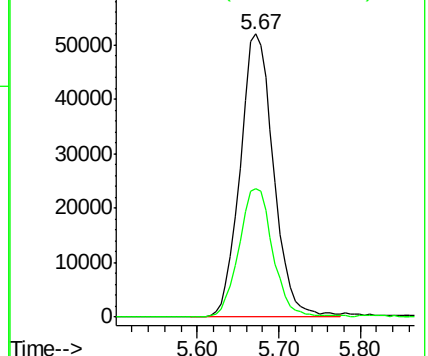
168 100

99 45.4 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001323.D

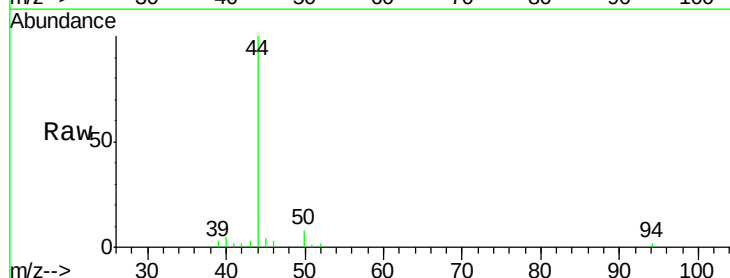
Acq: 02 May 2018 18:00

Tgt Ion: 50 Resp: 326

Ion Ratio Lower Upper

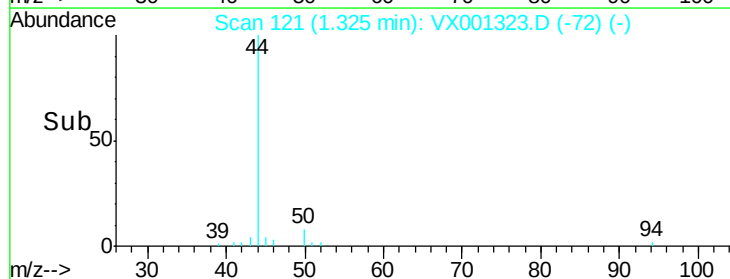
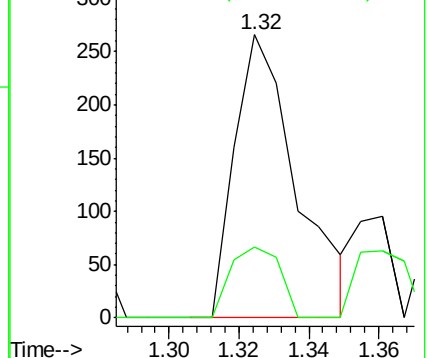
50 100

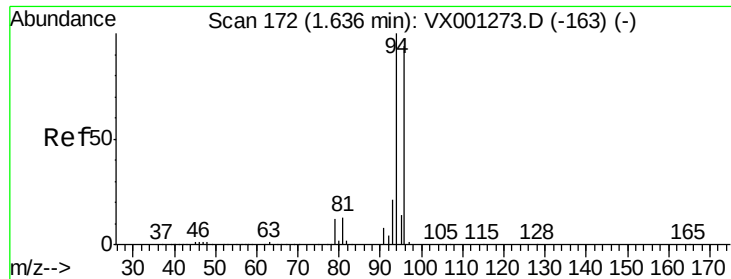
52 25.2 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001323.D

Acq: 02 May 2018 18:00

Instrument :

MSVOA_X

ClientSampleId :

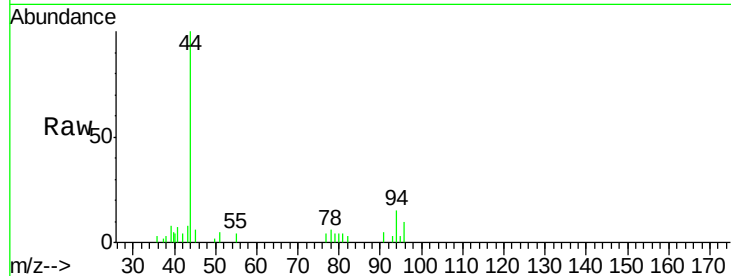
STORAGEBLANK-SOILREF-6

Tgt Ion: 94 Resp: 879

Ion Ratio Lower Upper

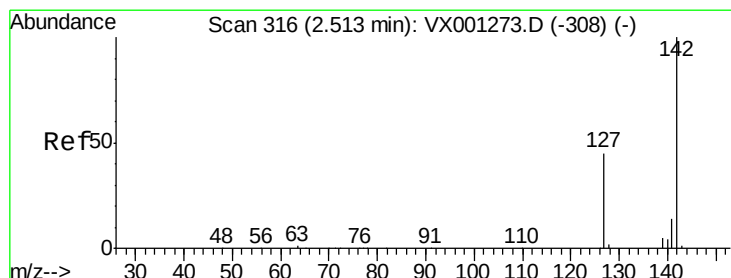
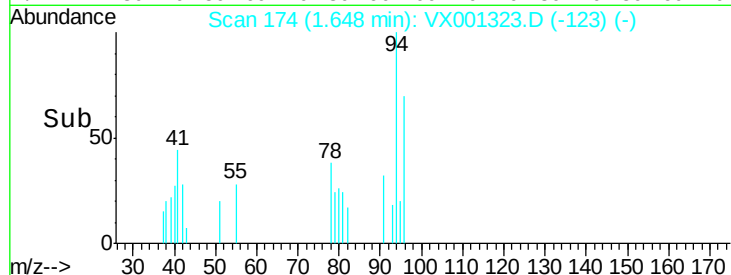
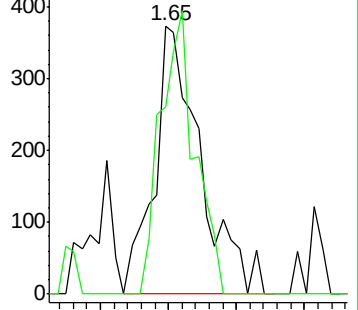
94 100

96 69.8 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 4.94 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001323.D

Acq: 02 May 2018 18:00

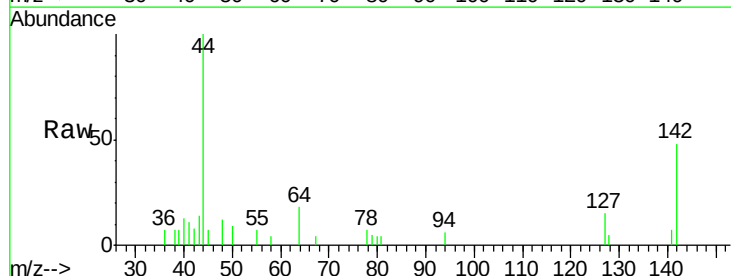
Tgt Ion: 142 Resp: 1195

Ion Ratio Lower Upper

142 100

127 42.9 35.7 53.5

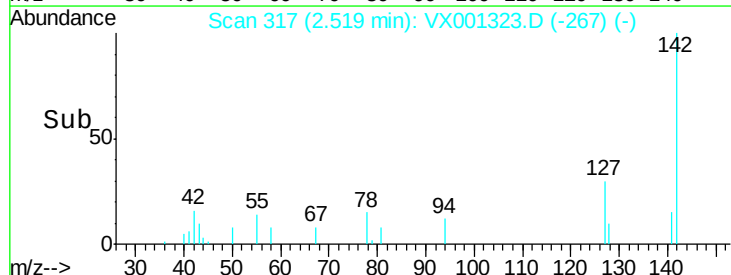
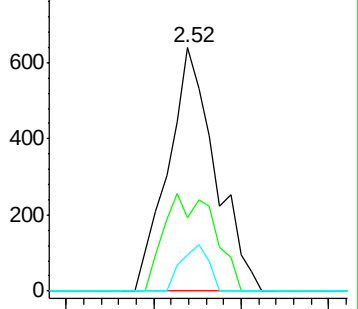
141 11.2 11.4 17.0#

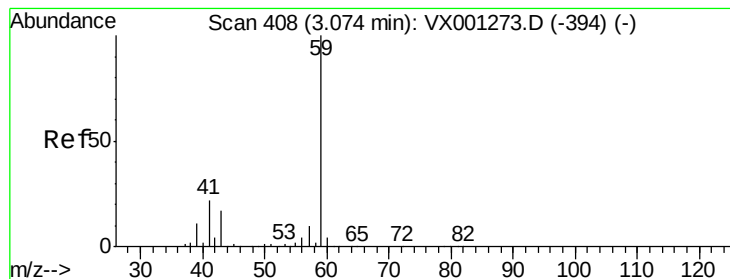


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 0.85 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.00 min

Lab File: VX001323.D

Acq: 02 May 2018 18:00

Instrument :

MSVOA_X

ClientSampleId :

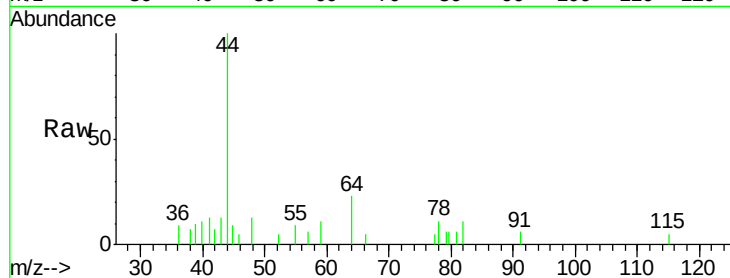
STORAGEBLANK-SOILREF-6

Tgt Ion: 59 Resp: 300

Ion Ratio Lower Upper

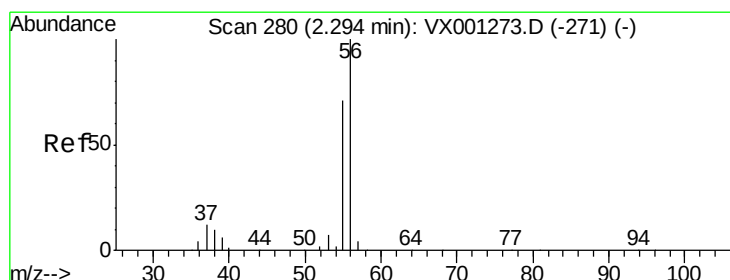
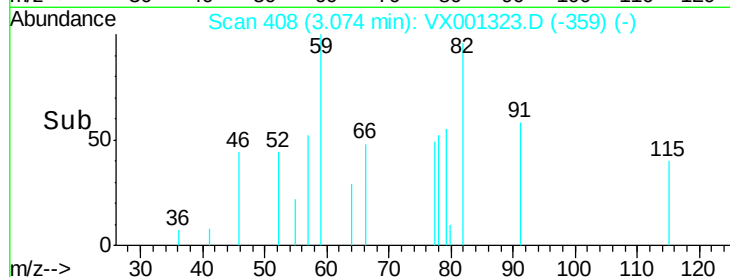
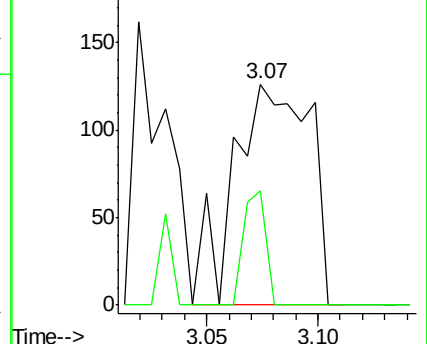
59 100

57 15.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 0.23 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001323.D

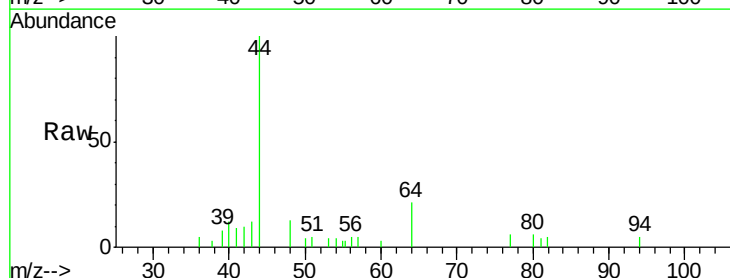
Acq: 02 May 2018 18:00

Tgt Ion: 56 Resp: 46

Ion Ratio Lower Upper

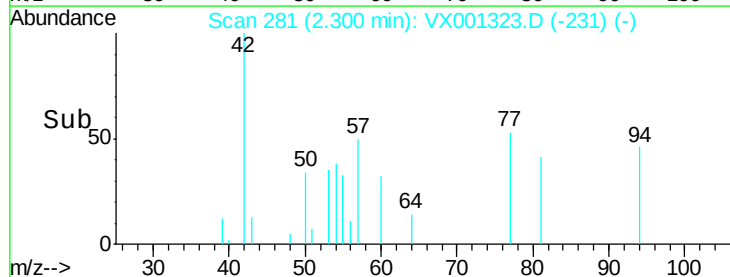
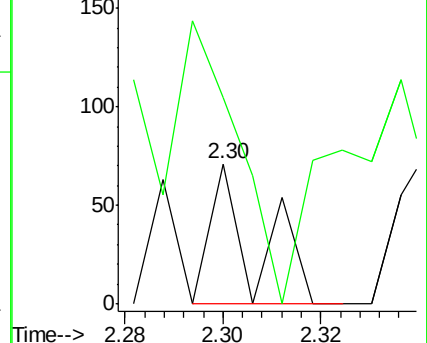
56 100

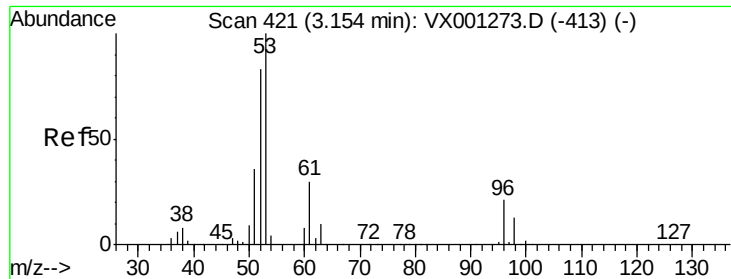
55 441.3 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.29 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001323.D

Acq: 02 May 2018 18:00

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6

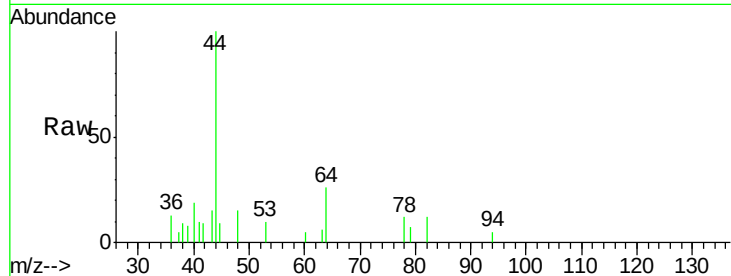
Tgt Ion: 53 Resp: 238

Ion Ratio Lower Upper

53 100

52 63.0 67.0 100.4#

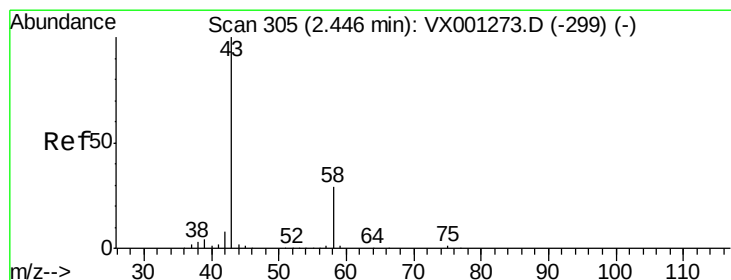
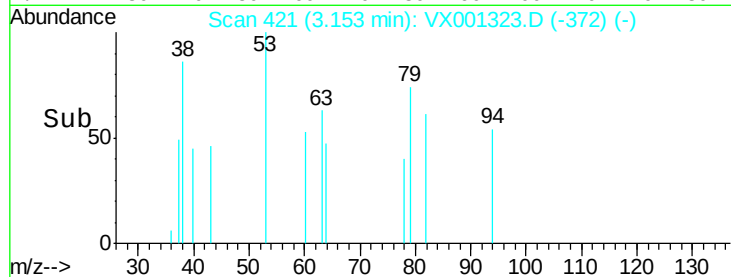
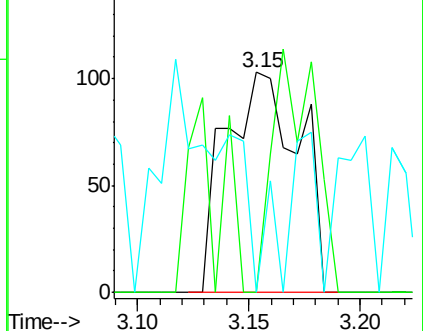
51 0.0 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 8.10 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001323.D

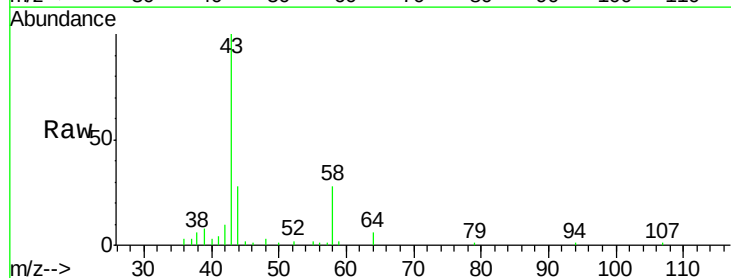
Acq: 02 May 2018 18:00

Tgt Ion: 43 Resp: 7097

Ion Ratio Lower Upper

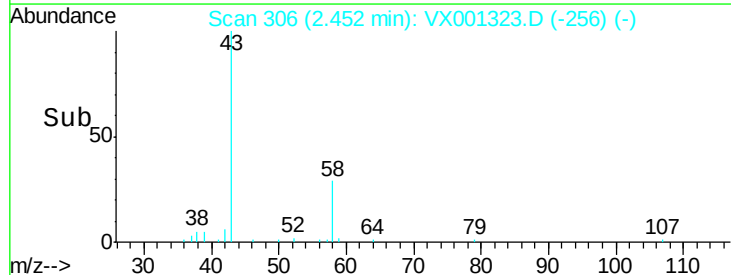
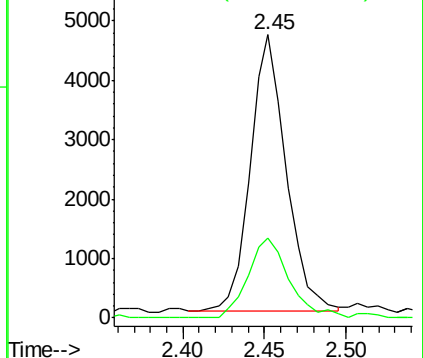
43 100

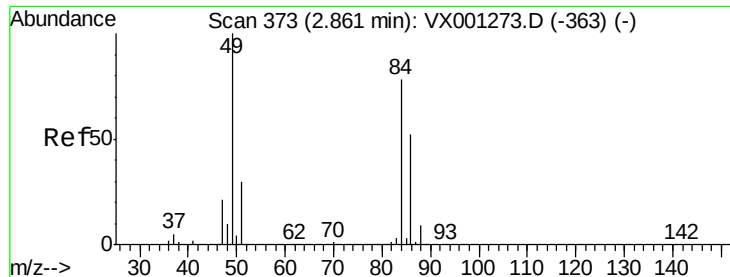
58 29.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

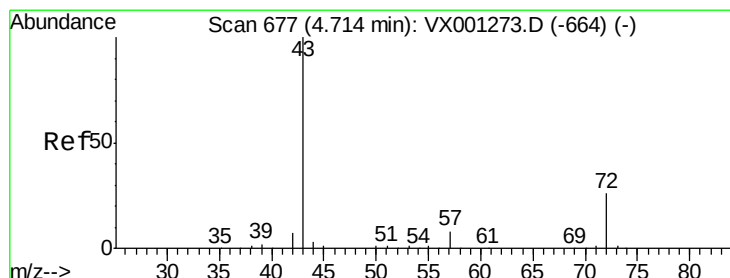
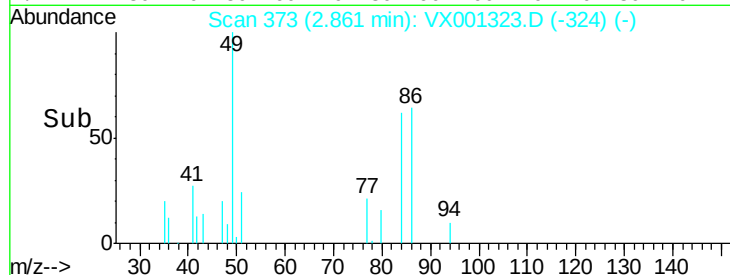
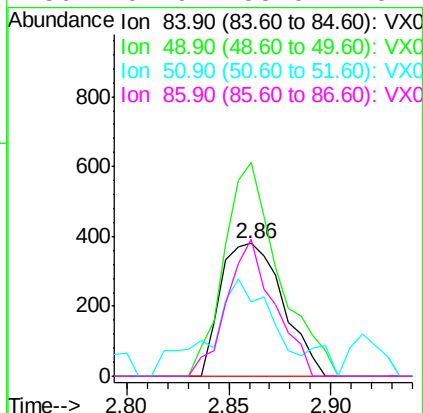
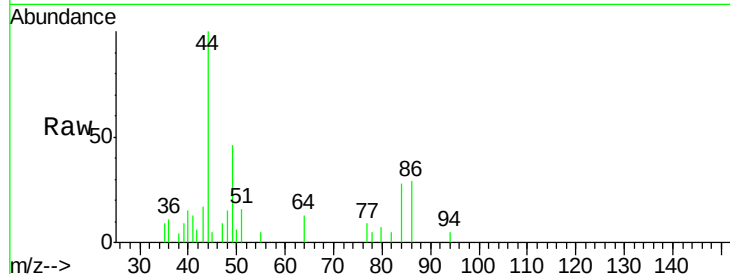




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001323.D
Acq: 02 May 2018 18:00

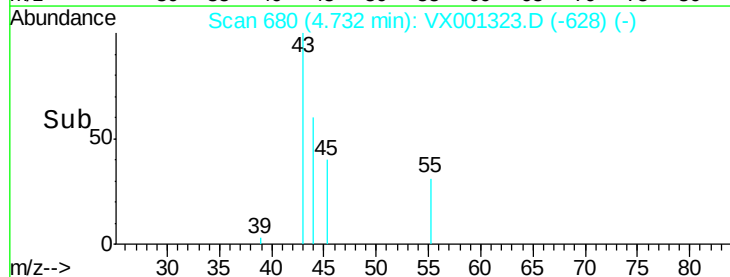
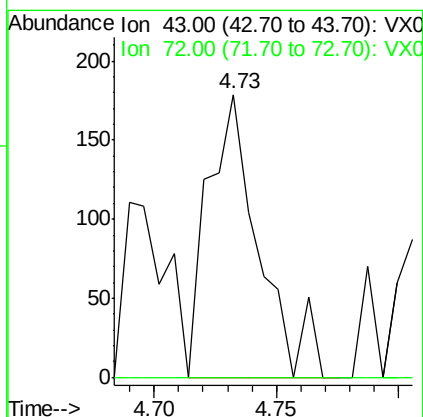
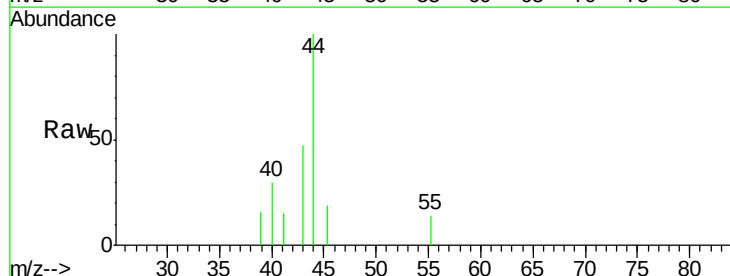
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SOILREF-6

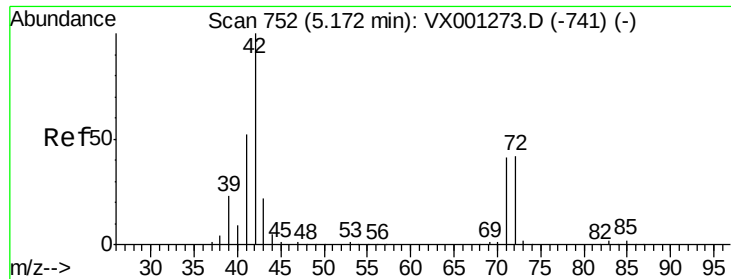
Tgt Ion: 84 Resp: 810
Ion Ratio Lower Upper
84 100
49 160.4 102.8 154.2#
51 55.6 30.9 46.3#
86 102.9 53.0 79.4#



#25
2-Butanone
Concen: 0.22 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.02 min
Lab File: VX001323.D
Acq: 02 May 2018 18:00

Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

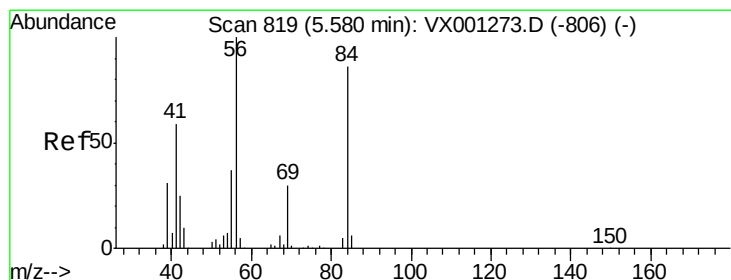
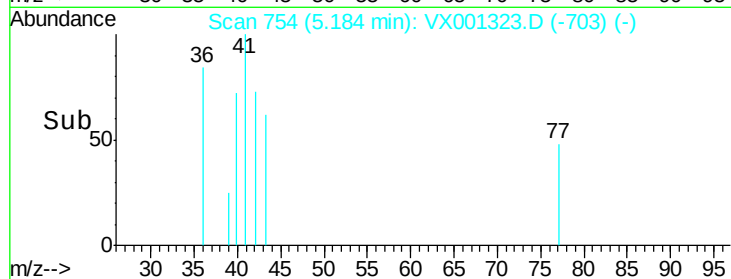
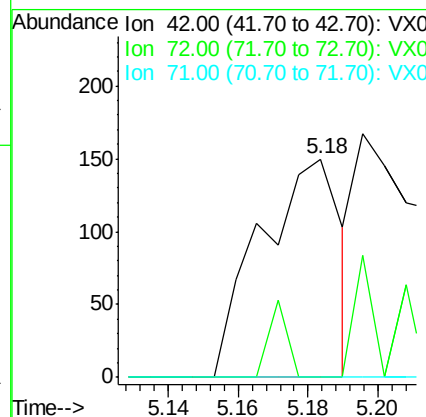
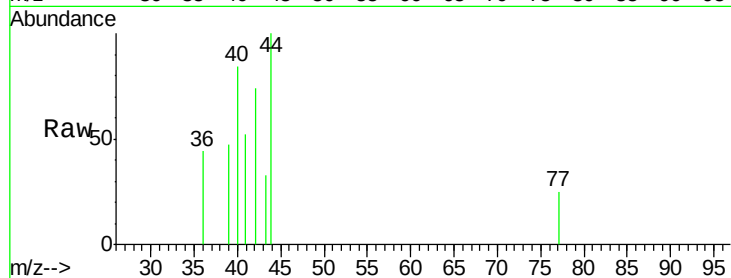




#29
Tetrahydrofuran
Concen: 0.33 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001323.D
Acq: 02 May 2018 18:00

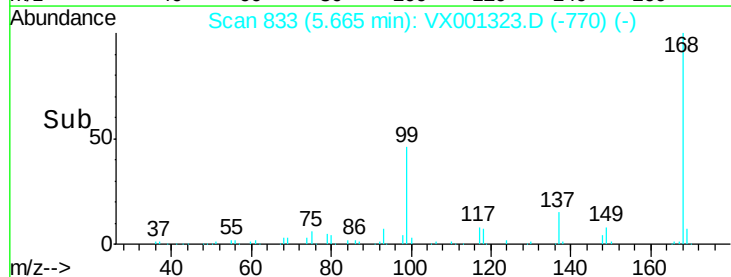
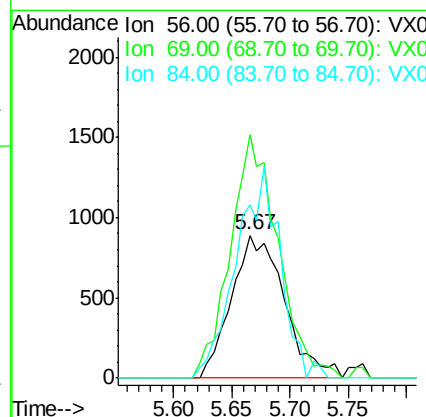
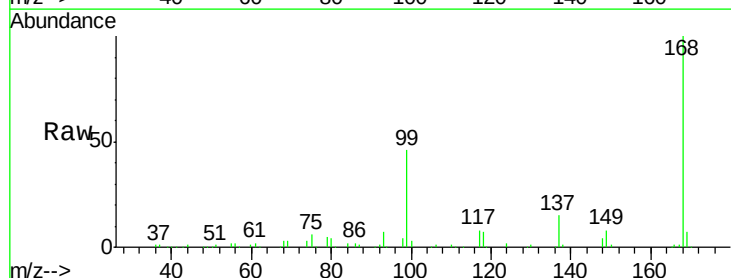
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SOILREF-6

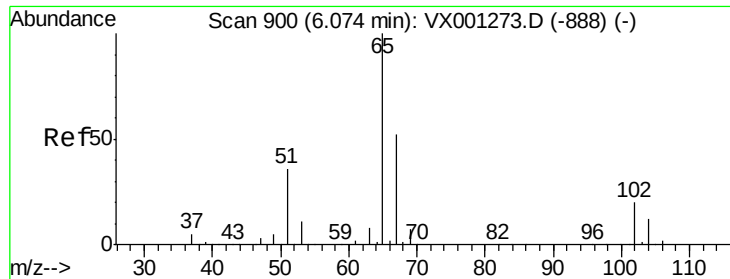
Tgt Ion: 42 Resp: 240
Ion Ratio Lower Upper
42 100
72 7.9 34.6 52.0#
71 0.0 32.7 49.1#



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001323.D
Acq: 02 May 2018 18:00

Tgt Ion: 56 Resp: 2812
Ion Ratio Lower Upper
56 100
69 170.3 24.0 36.0#
84 120.9 69.0 103.4#

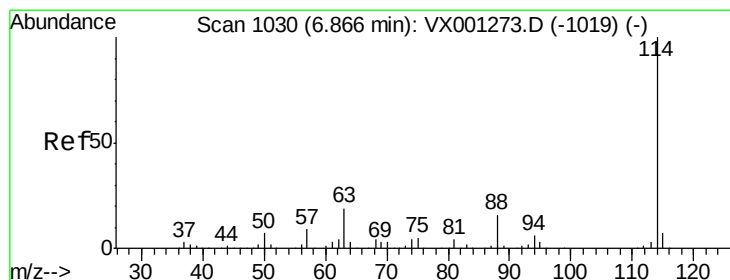
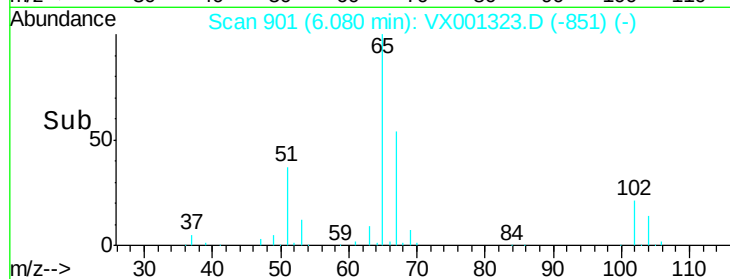
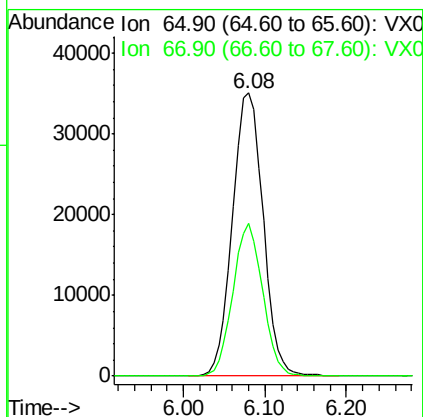
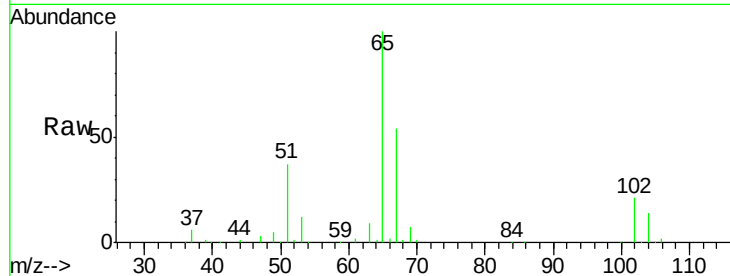




#33
 1,2-Dichloroethane-d4
 Concen: 44.61 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001323.D
 Acq: 02 May 2018 18:00

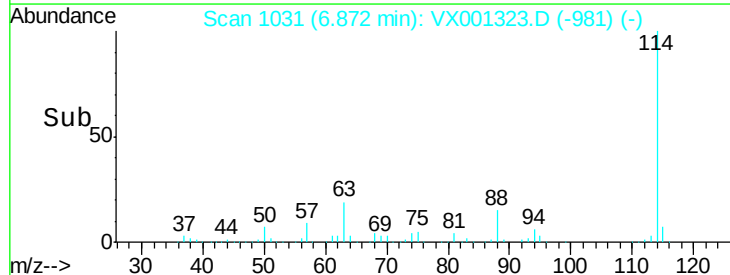
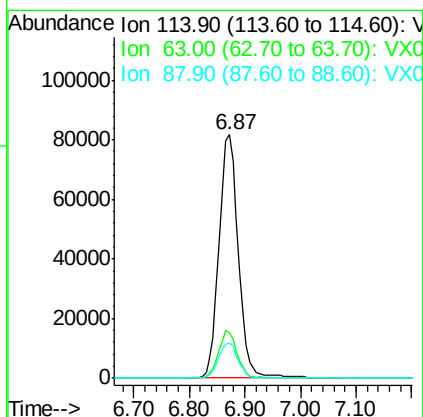
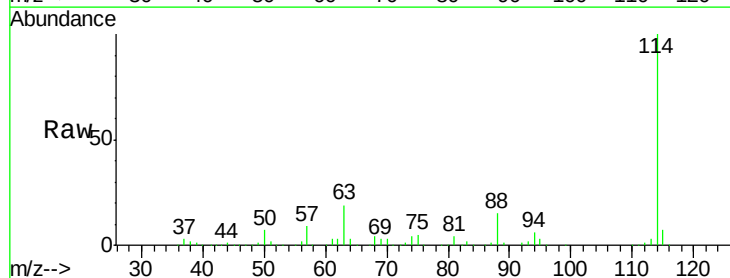
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SOILREF-6

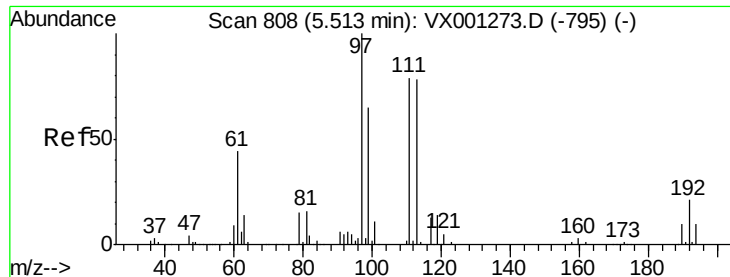
Tgt Ion: 65 Resp: 91539
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001323.D
 Acq: 02 May 2018 18:00

Tgt Ion: 114 Resp: 197876
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.8
 88 14.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 43.90 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001323.D

Acq: 02 May 2018 18:00

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6

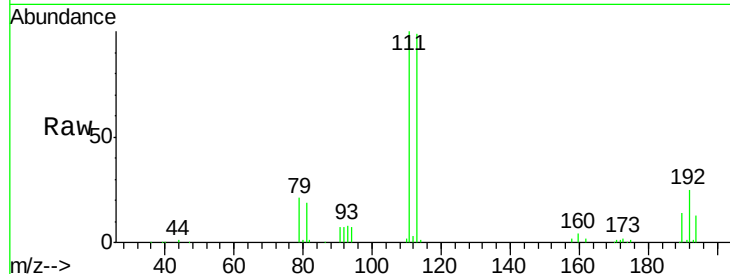
Tgt Ion:113 Resp: 74844

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

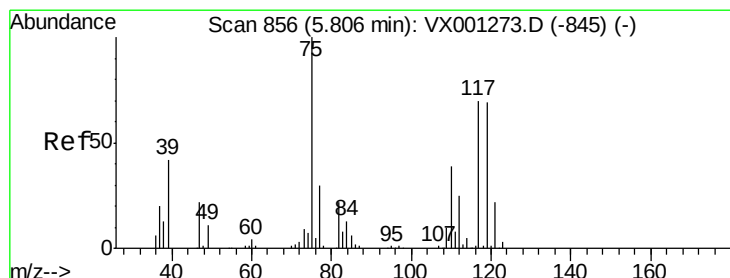
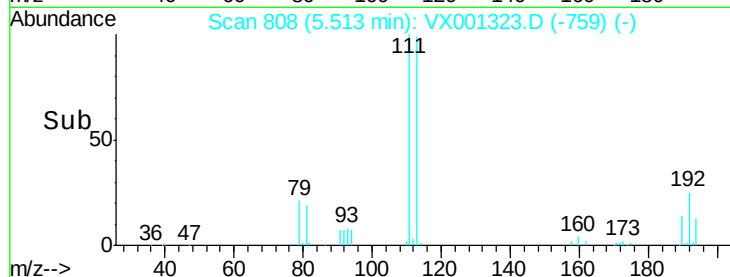
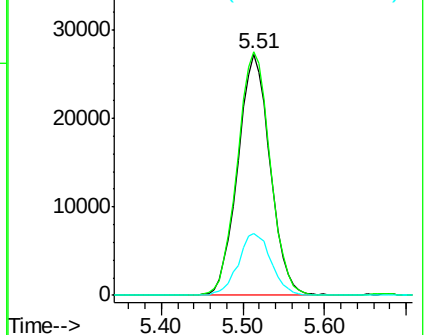
192 26.2 20.7 31.1



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: 3.97 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001323.D

Acq: 02 May 2018 18:00

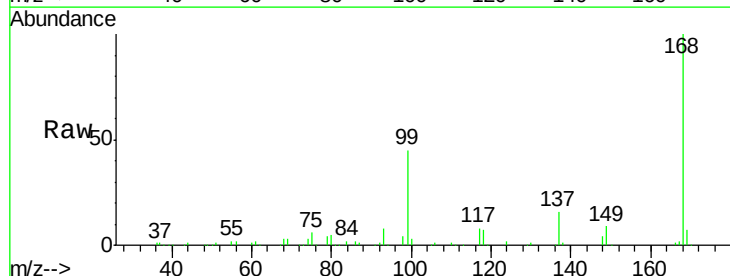
Tgt Ion: 75 Resp: 9058

Ion Ratio Lower Upper

75 100

110 11.0 18.9 56.9#

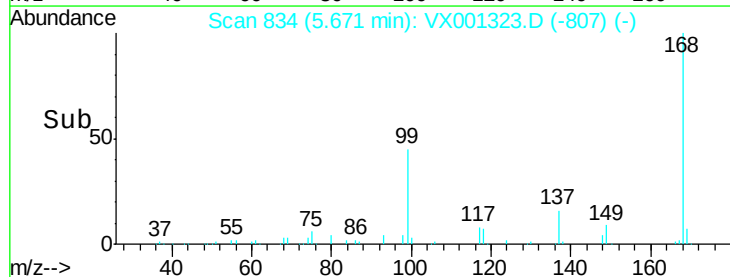
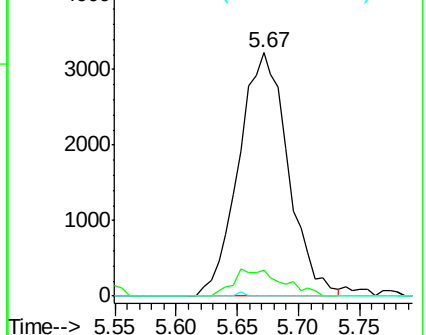
77 0.2 24.2 36.2#

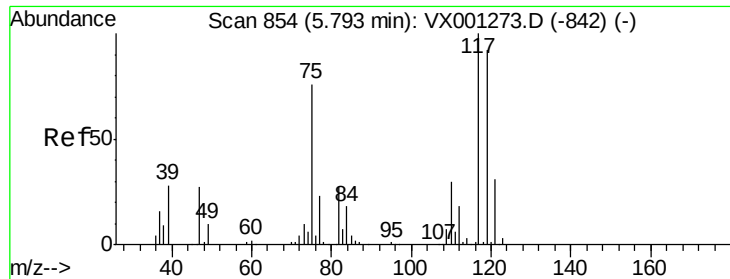


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.23 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001323.D

Acq: 02 May 2018 18:00

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6

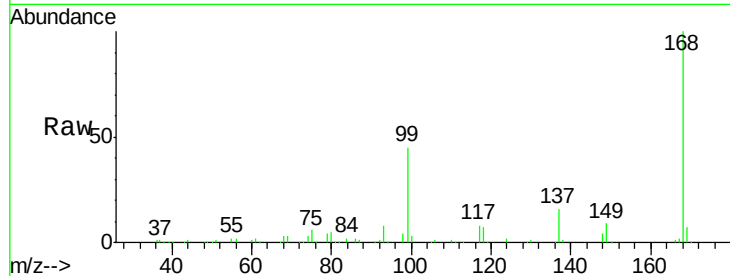
Tgt Ion:117 Resp: 12510

Ion Ratio Lower Upper

117 100

119 6.0 73.4 110.2#

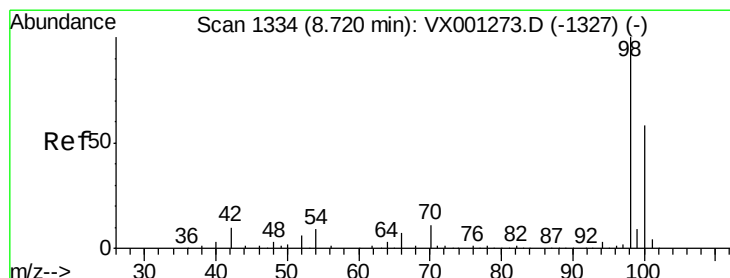
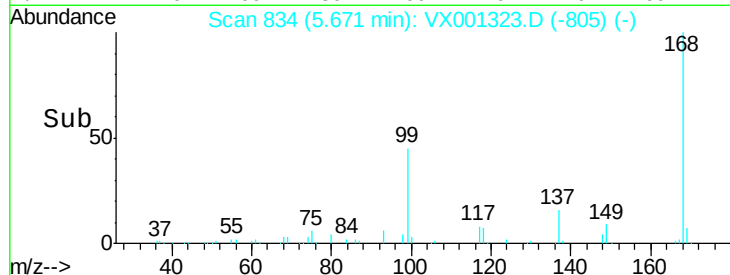
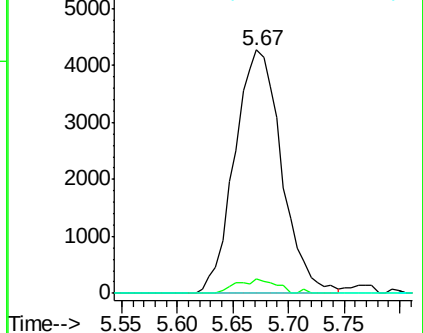
121 0.0 25.0 37.4#



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: 45.06 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001323.D

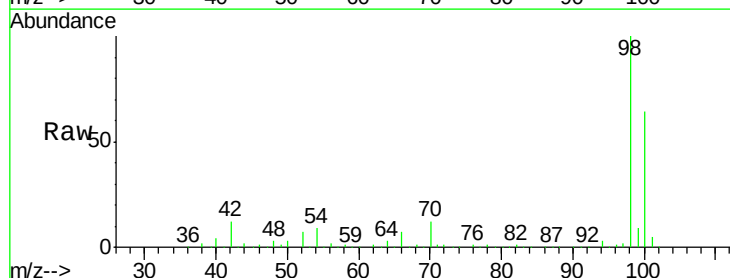
Acq: 02 May 2018 18:00

Tgt Ion: 98 Resp: 274409

Ion Ratio Lower Upper

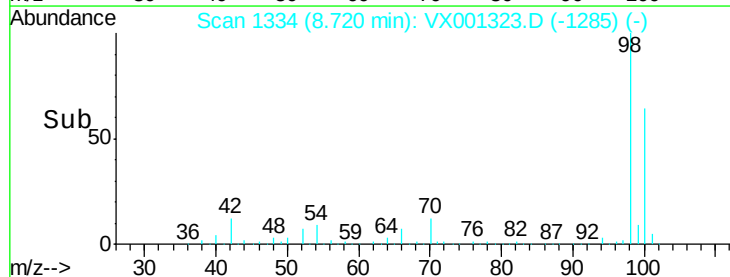
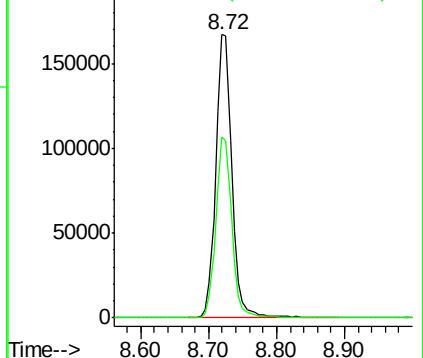
98 100

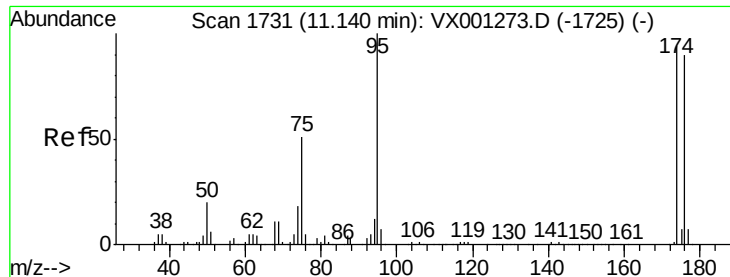
100 63.3 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

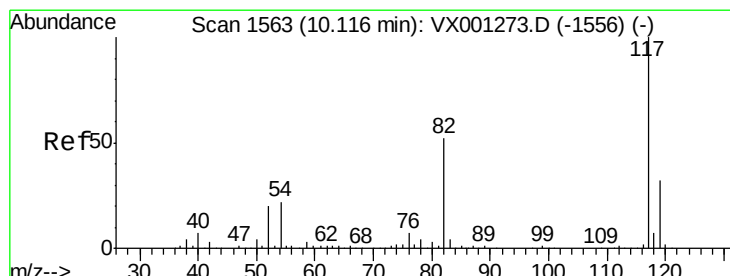
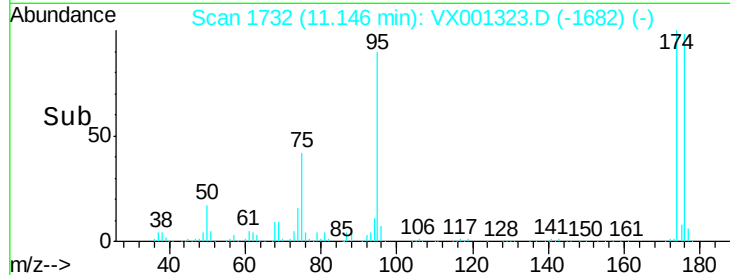
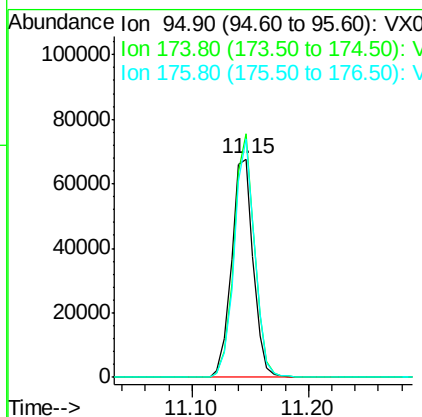
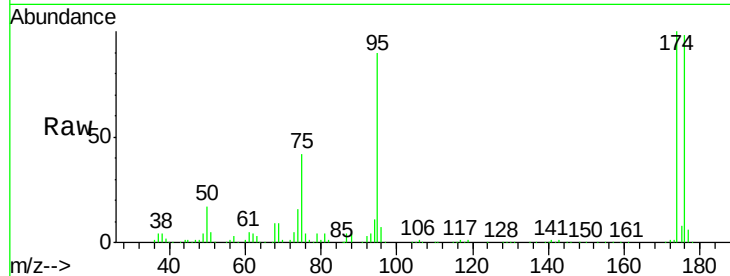




#62
4-Bromofluorobenzene
Concen: 36.04 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001323.D
Acq: 02 May 2018 18:00

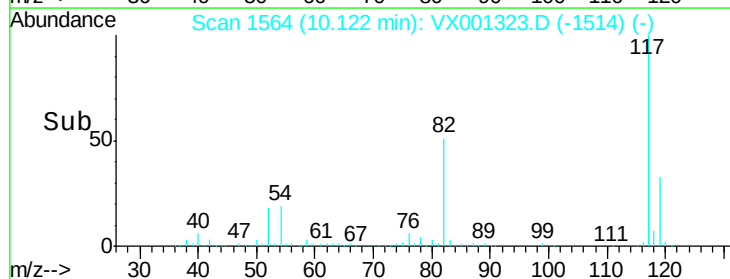
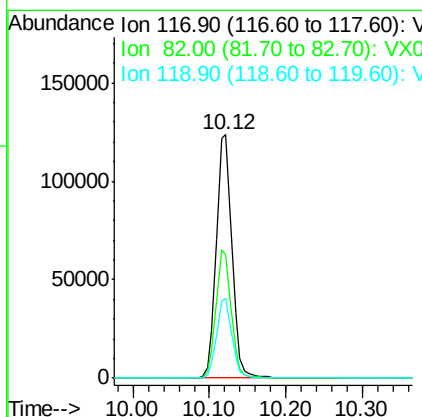
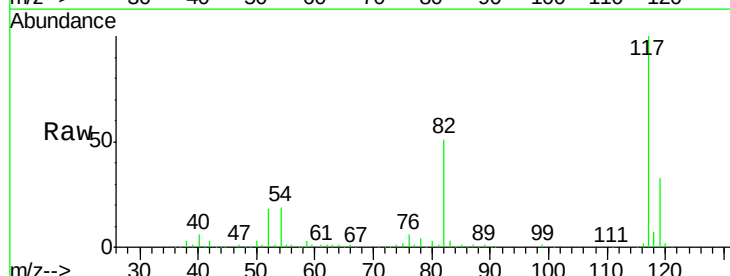
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SOILREF-6

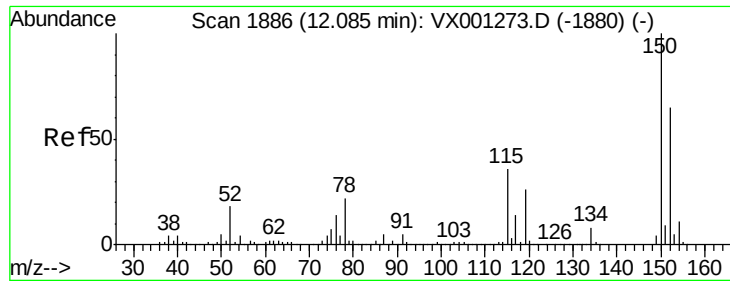
Tgt Ion: 95 Resp: 87780
Ion Ratio Lower Upper
95 100
174 105.9 0.0 201.8
176 103.1 0.0 197.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001323.D
Acq: 02 May 2018 18:00

Tgt Ion: 117 Resp: 175733
Ion Ratio Lower Upper
117 100
82 50.7 41.4 62.0
119 32.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001323.D

Acq: 02 May 2018 18:00

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6

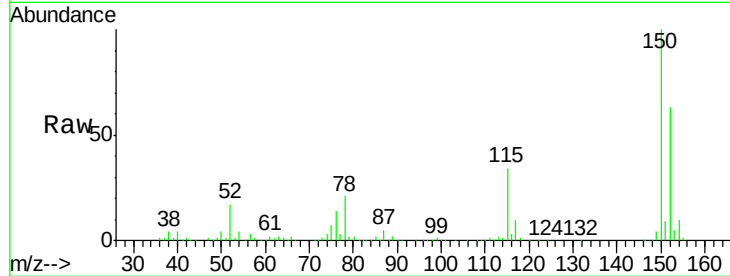
Tgt Ion:152 Resp: 95927

Ion Ratio Lower Upper

152 100

115 52.2 38.6 115.7

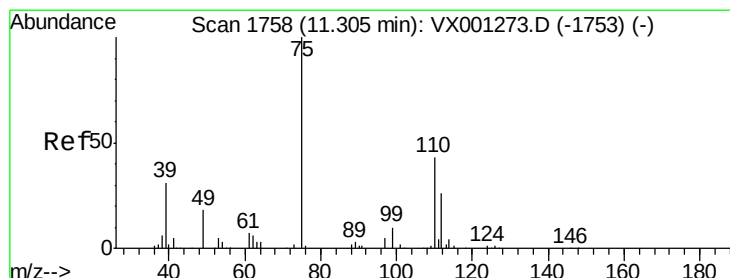
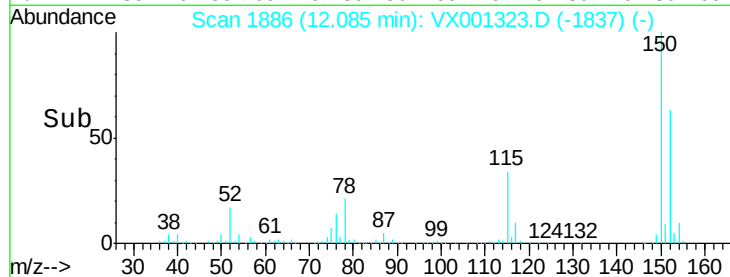
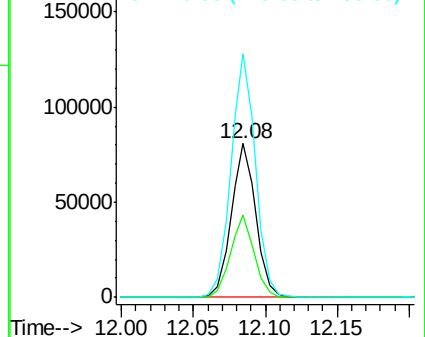
150 158.9 0.0 349.2



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: 25.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001323.D

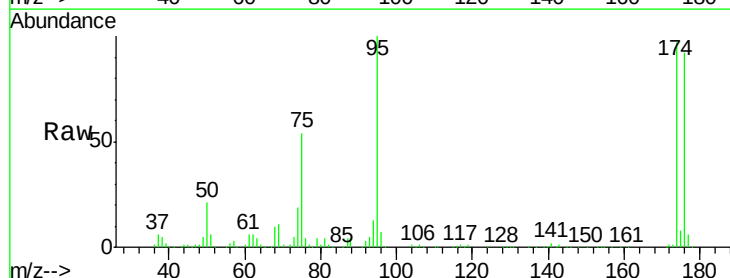
Acq: 02 May 2018 18:00

Tgt Ion: 75 Resp: 44569

Ion Ratio Lower Upper

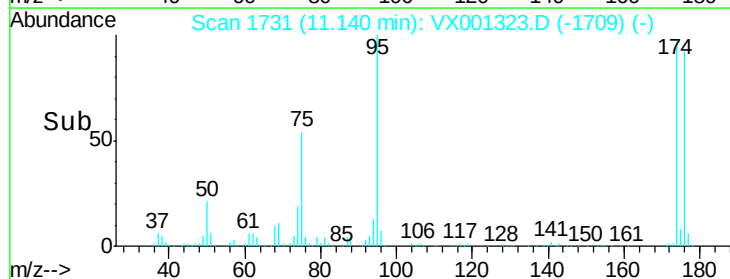
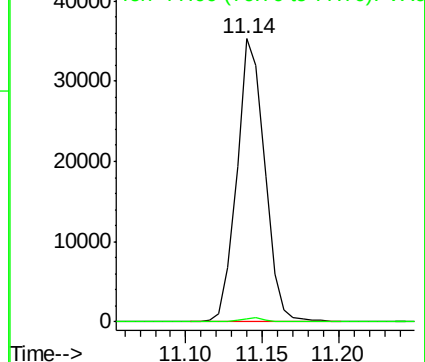
75 100

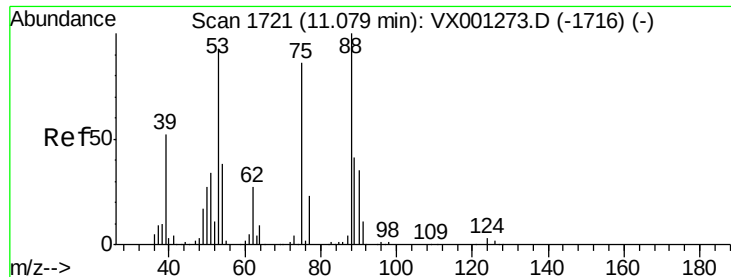
77 1.2 18.9 56.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 79.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001323.D

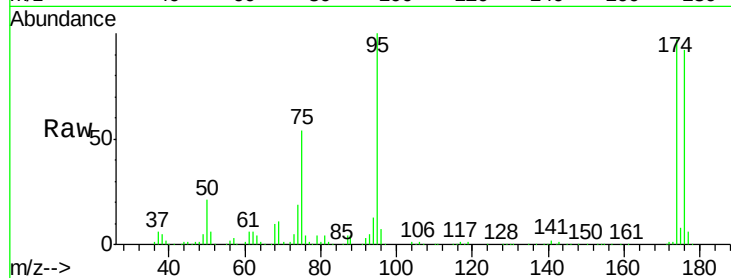
Acq: 02 May 2018 18:00

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6



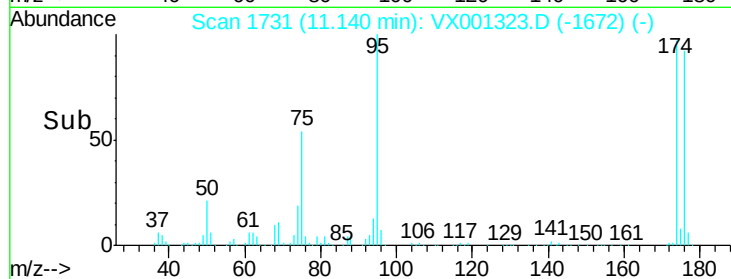
Tgt Ion: 75 Resp: 44569

Ion Ratio Lower Upper

75 100

53 0.0 87.1 130.7#

89 0.1 38.9 58.3#



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

