

Data File : VX001322.D
Acq On : 02 May 2018 17:33
Operator : JC/MD
Sample : J2628-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

Quant Time: May 03 05:04:41 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	151829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	179762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	99144	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	93294	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
35) Dibromofluoromethane	5.51	113	77733	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	
50) Toluene-d8	8.72	98	281777	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
62) 4-Bromofluorobenzene	11.14	95	90962	36.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.24%	

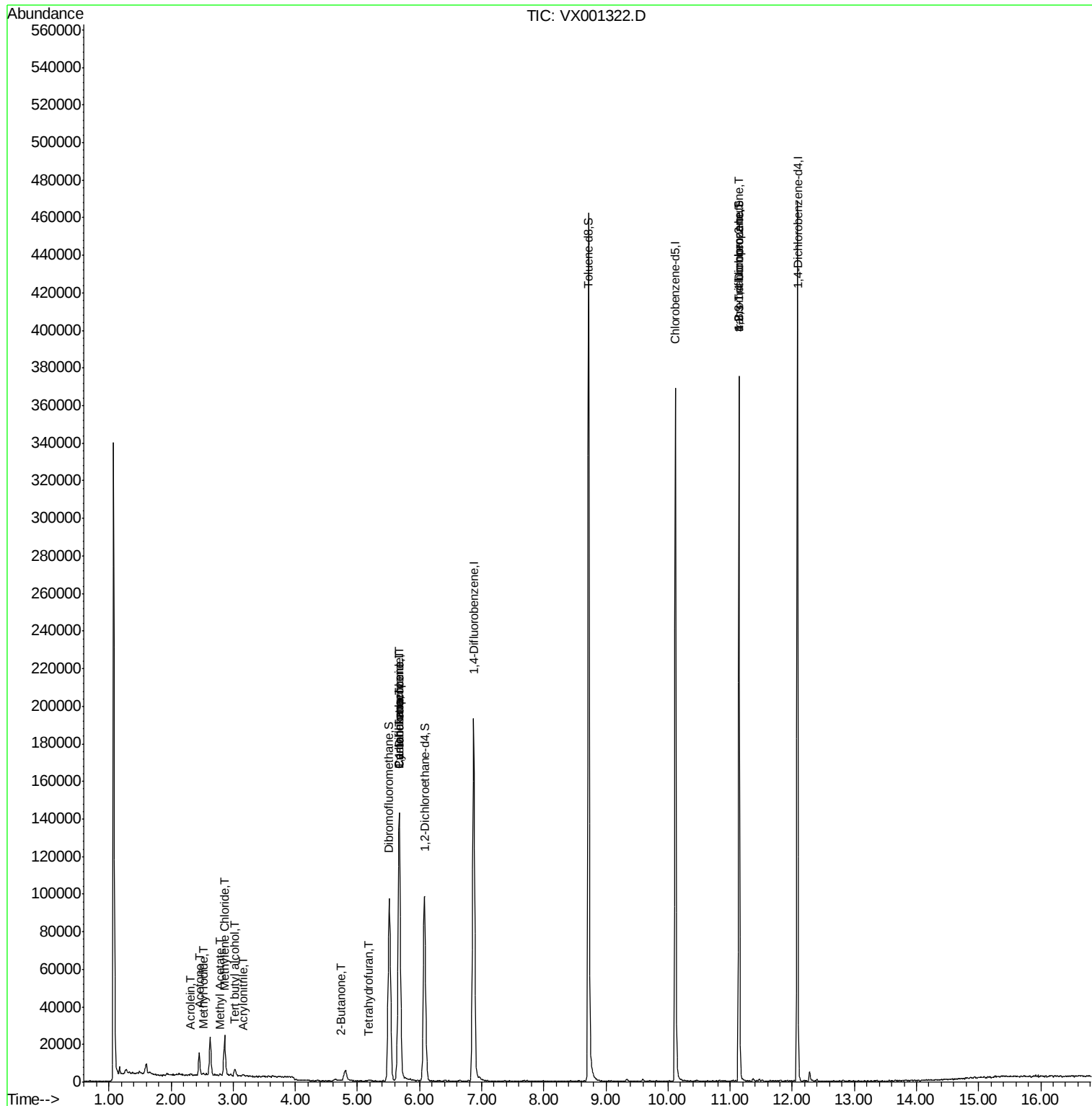
Target Compounds				Qvalue		
5) Bromomethane	1.65	94	760	Below Cal		90
10) Methyl Iodide	2.52	142	1423	5.04 ug/l		93
11) Tert butyl alcohol	3.03	59	2175	6.02 ug/l #		81
13) Acrolein	2.32	56	59	0.28 ug/l #		1
15) Acrylonitrile	3.15	53	325	0.39 ug/l #		49
16) Acetone	2.45	43	13531	15.08 ug/l		100
18) Methyl Acetate	2.79	43	528	0.25 ug/l		98
20) Methylene Chloride	2.86	84	10003	4.74 ug/l		96
25) 2-Butanone	4.73	43	628	0.52 ug/l #		49
29) Tetrahydrofuran	5.19	42	402	0.54 ug/l #		49
31) Cyclohexane	5.67	56	2759	1.07 ug/l #		19
36) 1,1-Dichloropropene	5.67	75	9028	3.88 ug/l #		50
38) Carbon Tetrachloride	5.67	117	13139	5.38 ug/l #		18
76) 1,2,3-Trichloropropane	11.14	75	45838	25.00 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	45838	78.66 ug/l #		6

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001322.D

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Instrument :

MSVOA_X

ClientSampleId :

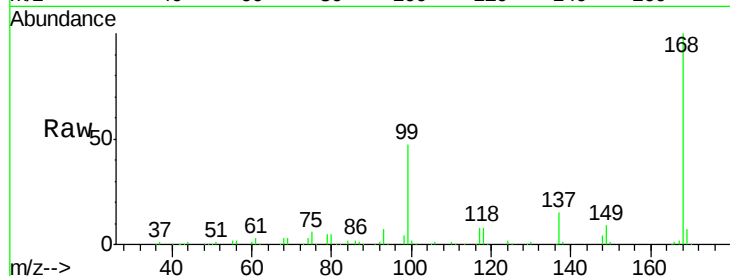
STORAGEBLANK-SAMPLEMANAG

Tgt Ion:168 Resp: 151829

Ion Ratio Lower Upper

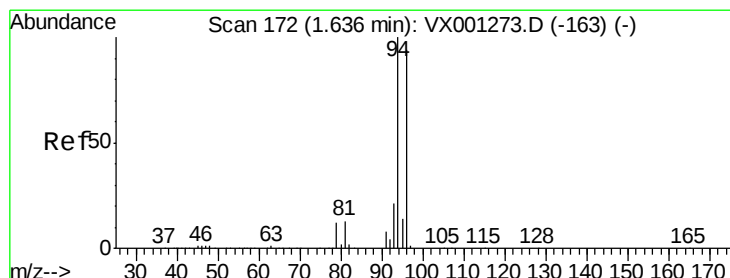
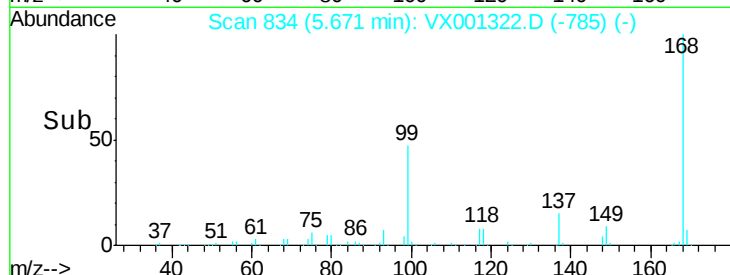
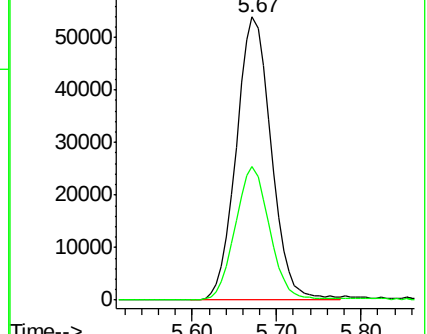
168 100

99 47.0 36.5 54.7



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: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001322.D

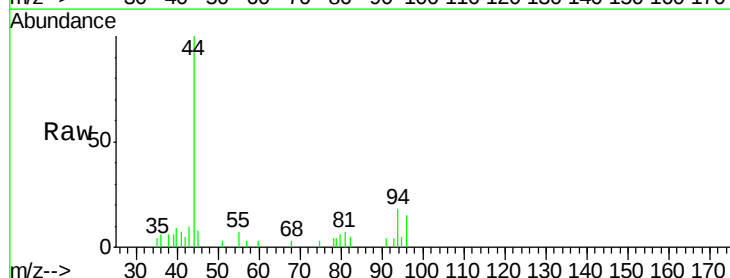
Acq: 02 May 2018 17:33

Tgt Ion: 94 Resp: 760

Ion Ratio Lower Upper

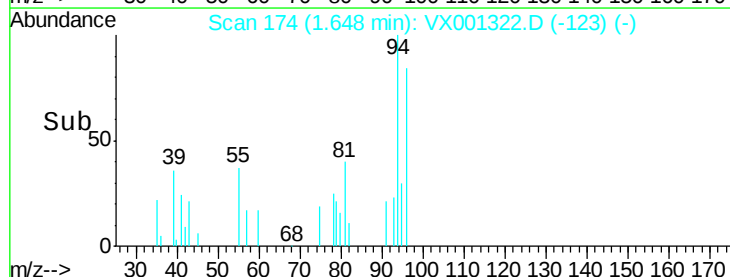
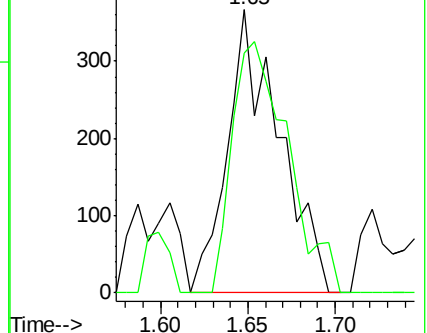
94 100

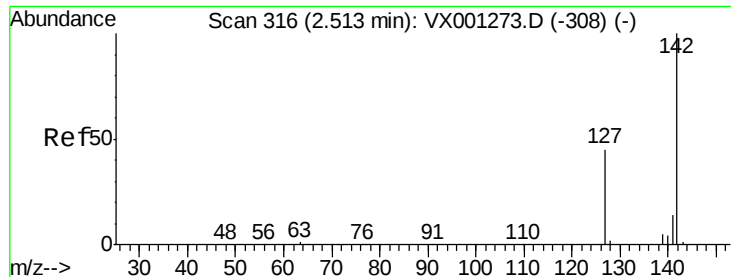
96 84.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

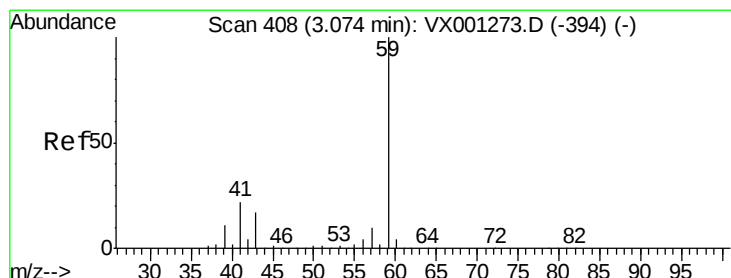
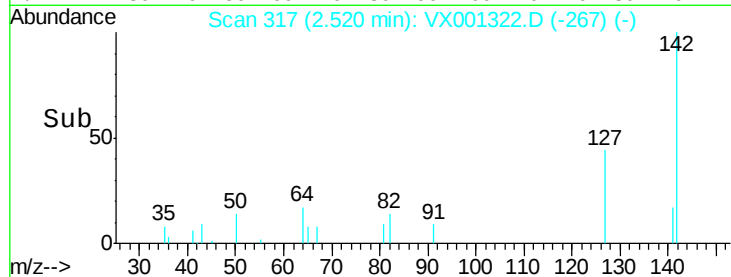
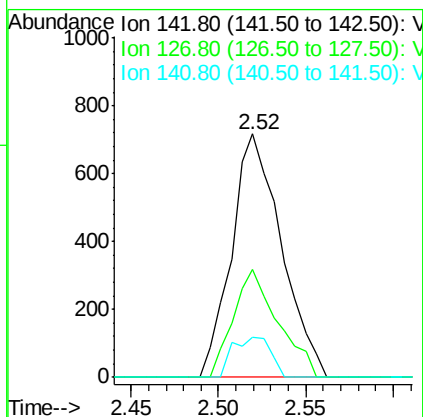
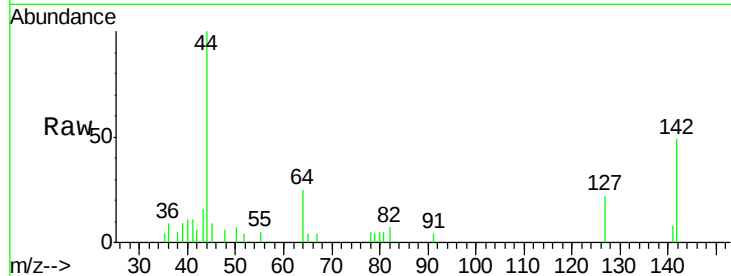




#10
Methyl Iodide
Concen: 5.04 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001322.D
Acq: 02 May 2018 17:33

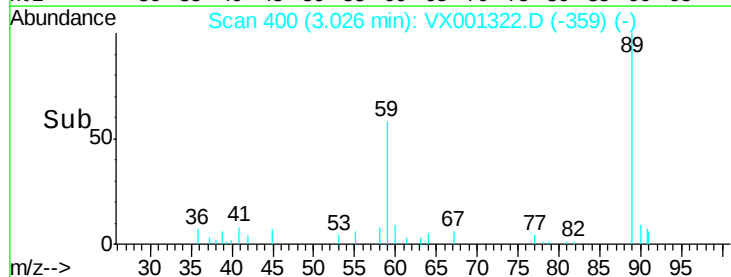
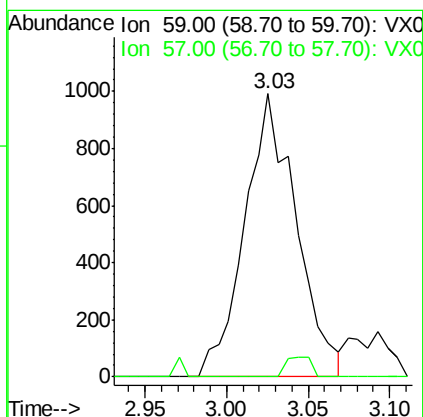
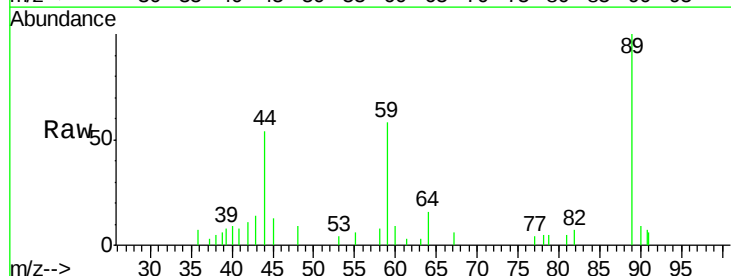
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

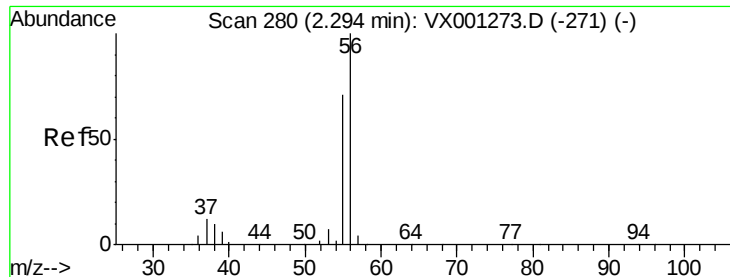
Tgt Ion: 142 Resp: 1423
Ion Ratio Lower Upper
142 100
127 39.6 35.7 53.5
141 12.4 11.4 17.0



#11
Tert butyl alcohol
Concen: 6.02 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX001322.D
Acq: 02 May 2018 17:33

Tgt Ion: 59 Resp: 2175
Ion Ratio Lower Upper
59 100
57 3.4 8.6 12.8#





#13

Acrolein

Concen: 0.28 ug/l

RT: 2.32 min Scan# 284

Delta R.T. 0.02 min

Lab File: VX001322.D

Acq: 02 May 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

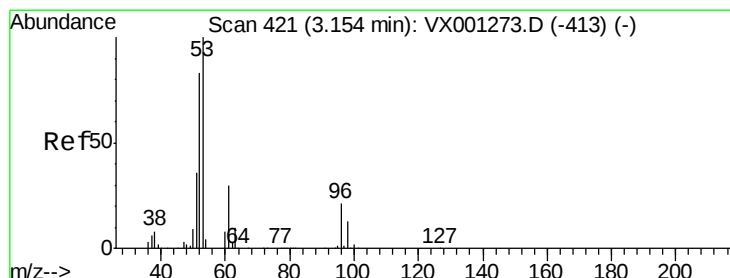
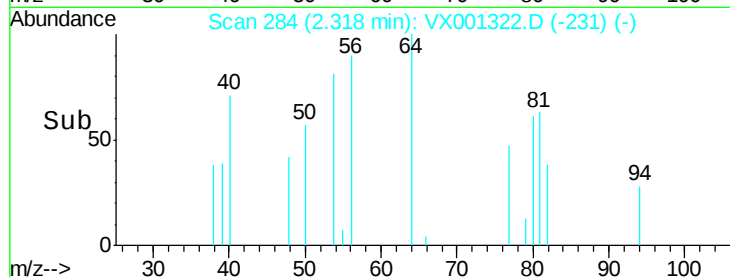
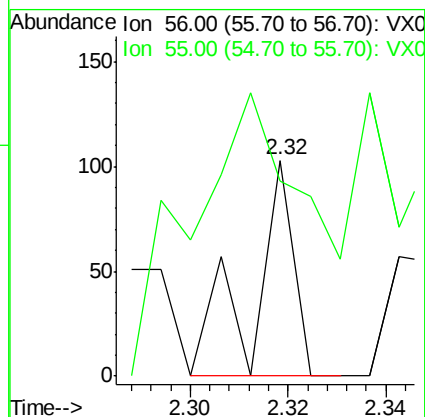
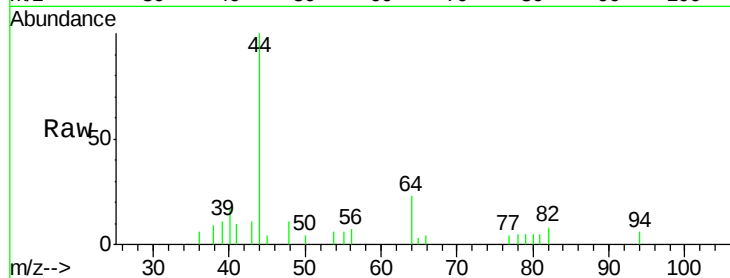
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 381.4 57.2 85.8#



#15

Acrylonitrile

Concen: 0.39 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001322.D

Acq: 02 May 2018 17:33

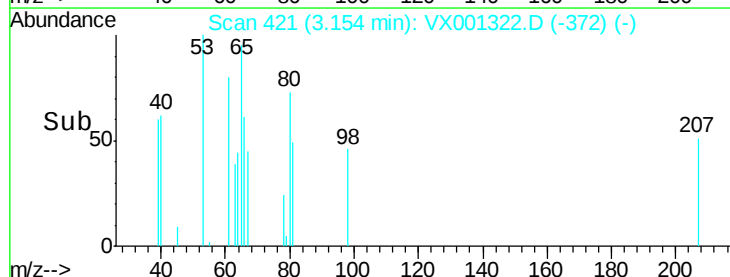
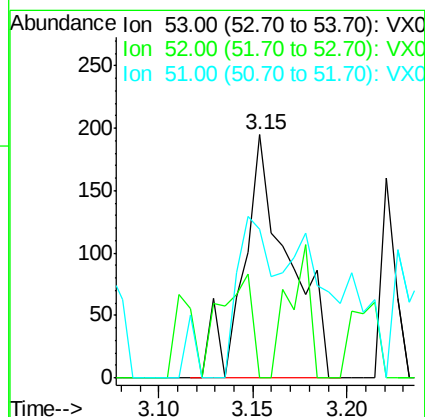
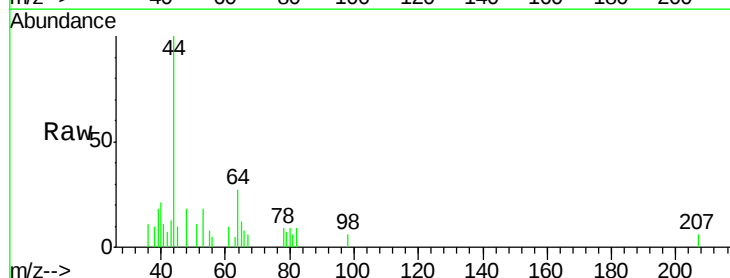
Tgt Ion: 53 Resp: 325

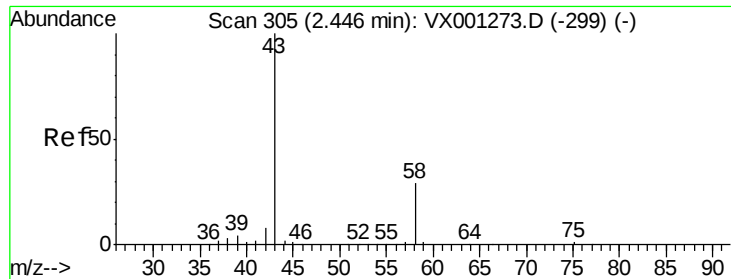
Ion Ratio Lower Upper

53 100

52 30.2 67.0 100.4#

51 56.0 29.9 44.9#





#16

Acetone

Concen: 15.08 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001322.D

Acq: 02 May 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

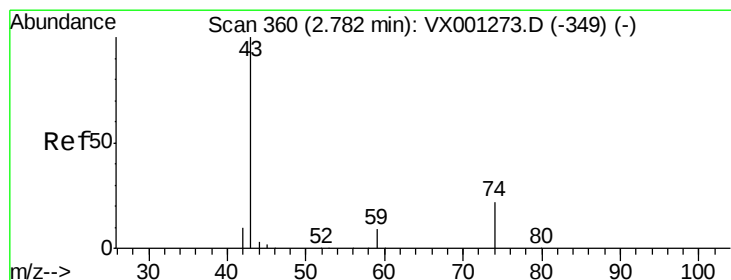
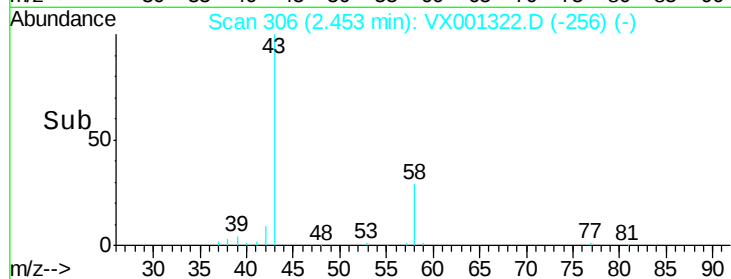
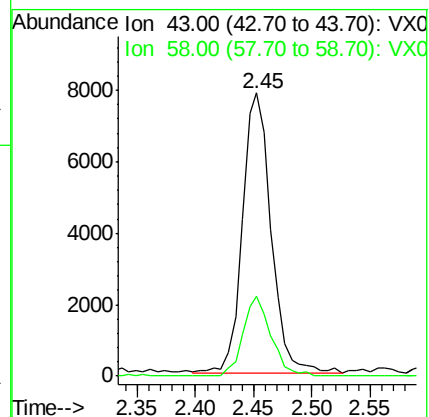
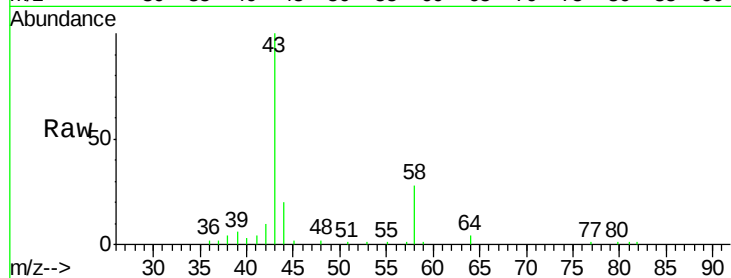
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 43 Resp: 13531

Ion Ratio Lower Upper

43 100

58 28.4 22.8 34.2



#18

Methyl Acetate

Concen: 0.25 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001322.D

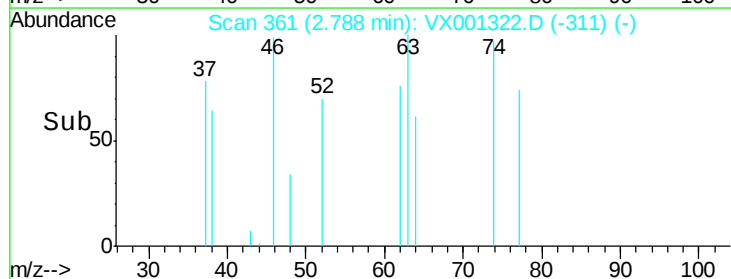
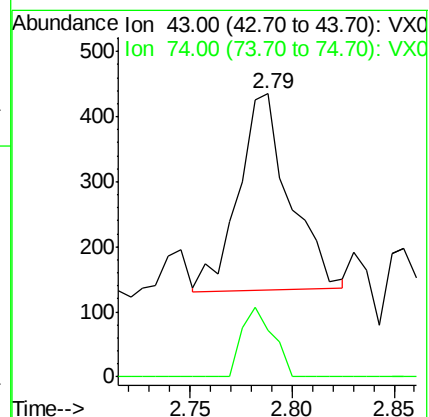
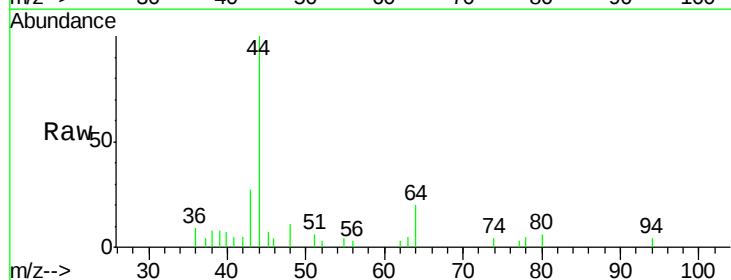
Acq: 02 May 2018 17:33

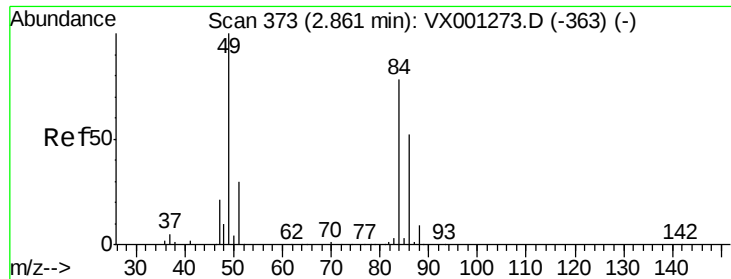
Tgt Ion: 43 Resp: 528

Ion Ratio Lower Upper

43 100

74 21.4 17.8 26.6

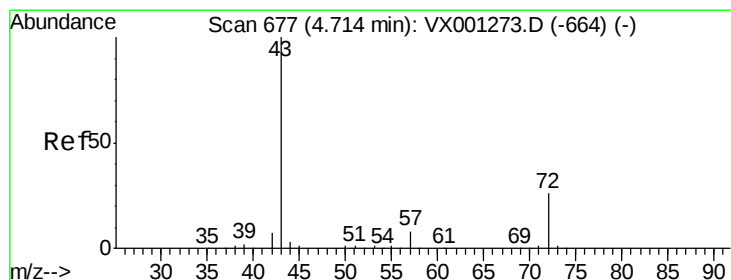
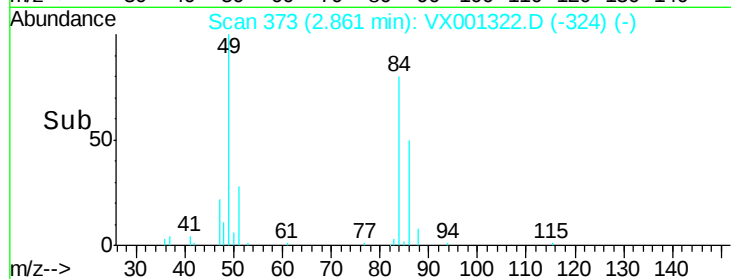
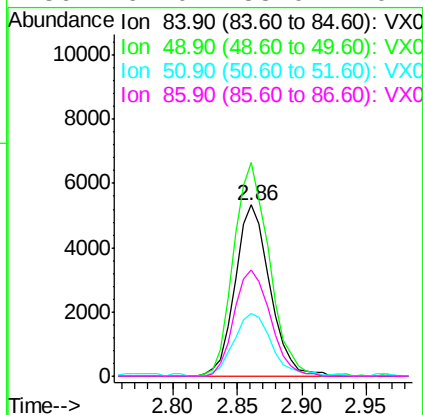
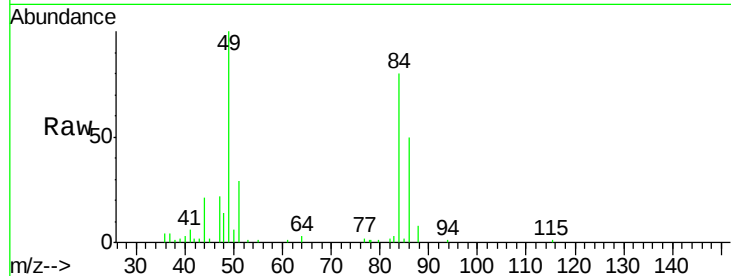




#20
Methylene Chloride
Concen: 4.74 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001322.D
Acq: 02 May 2018 17:33

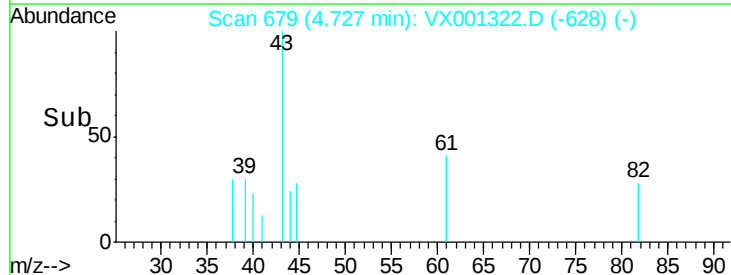
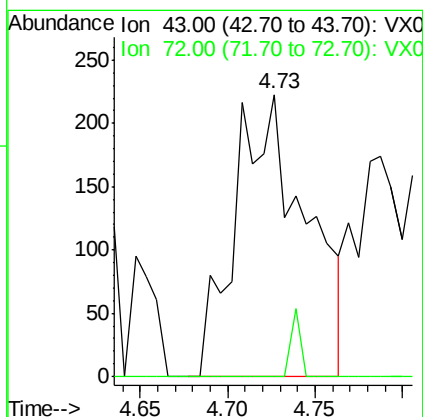
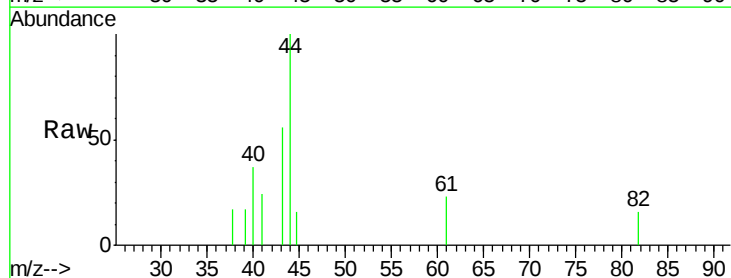
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

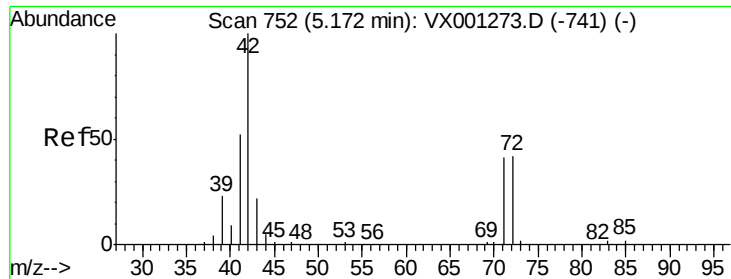
Tgt Ion: 84 Resp: 10003
Ion Ratio Lower Upper
84 100
49 124.7 102.8 154.2
51 36.5 30.9 46.3
86 62.0 53.0 79.4



#25
2-Butanone
Concen: 0.52 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX001322.D
Acq: 02 May 2018 17:33

Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#





#29

Tetrahydrofuran

Concen: 0.54 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.02 min

Lab File: VX001322.D

Acq: 02 May 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

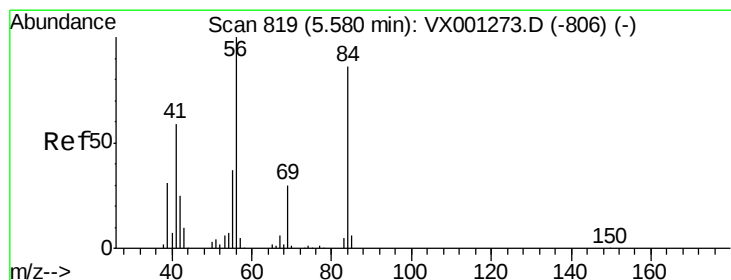
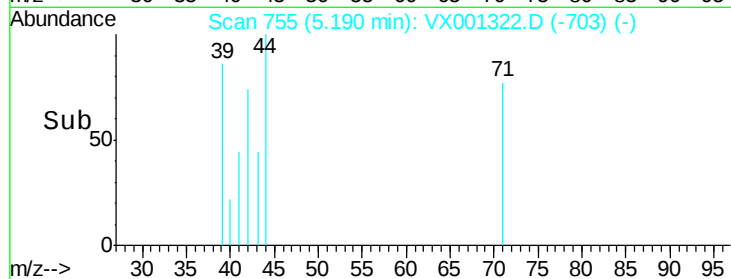
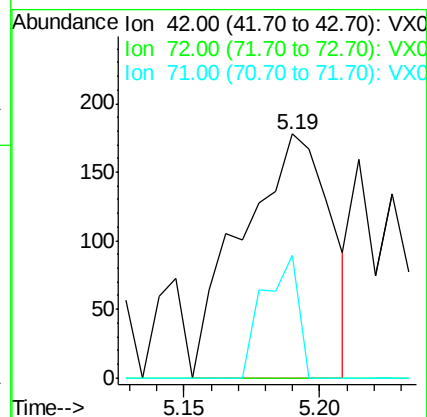
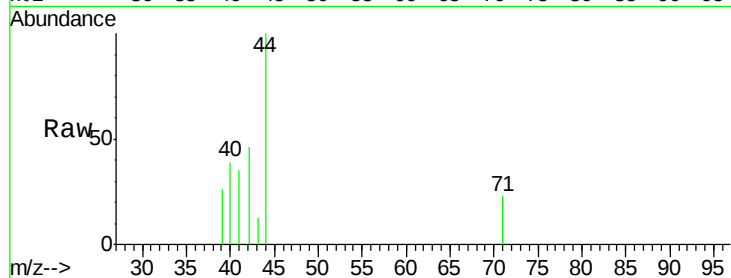
Tgt Ion: 42 Resp: 402

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 19.7 32.7 49.1#



#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001322.D

Acq: 02 May 2018 17:33

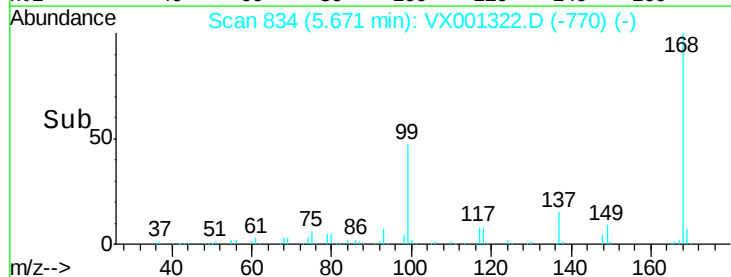
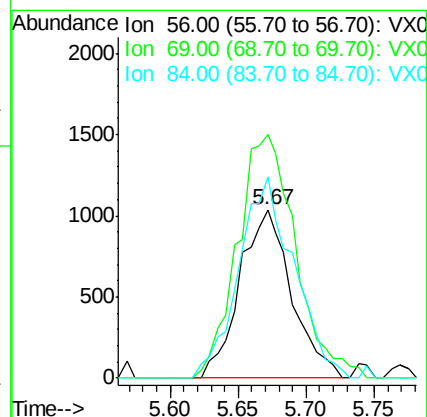
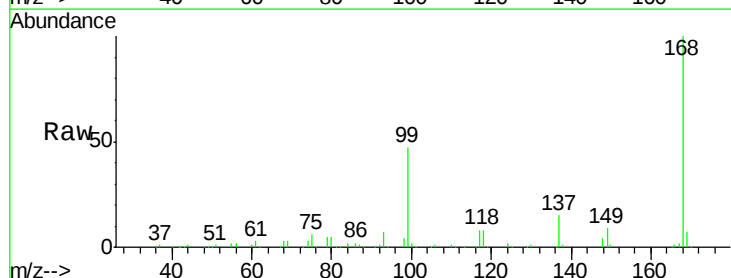
Tgt Ion: 56 Resp: 2759

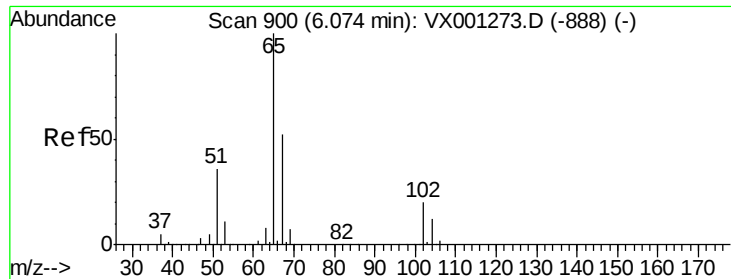
Ion Ratio Lower Upper

56 100

69 144.5 24.0 36.0#

84 119.5 69.0 103.4#





#33

1,2-Dichloroethane-d4

Concen: 44.39 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001322.D

Acq: 02 May 2018 17:33

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ClientSampleId :

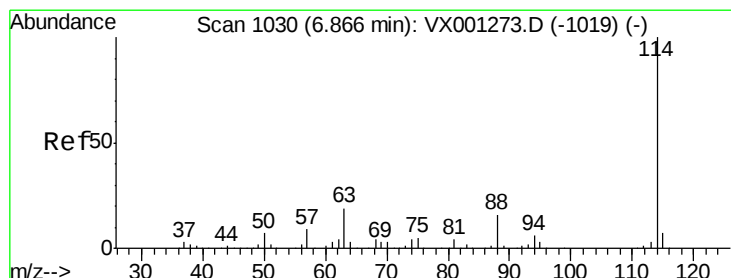
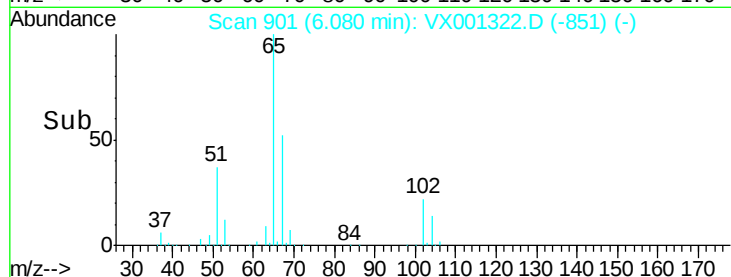
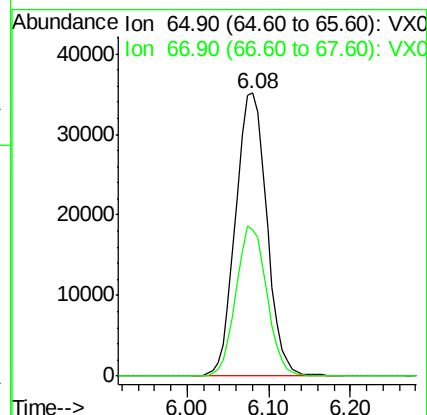
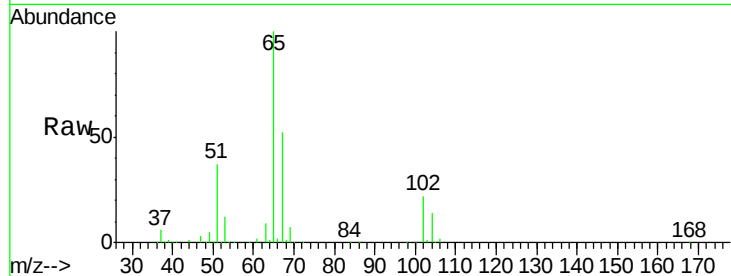
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 65 Resp: 93294

Ion Ratio Lower Upper

65 100

67 52.2 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: VX001322.D

Acq: 02 May 2018 17:33

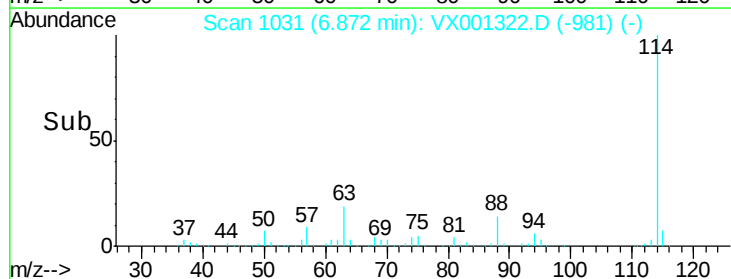
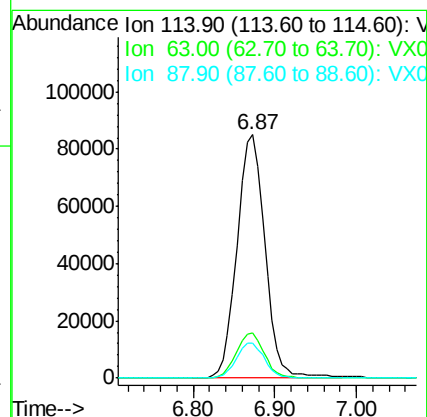
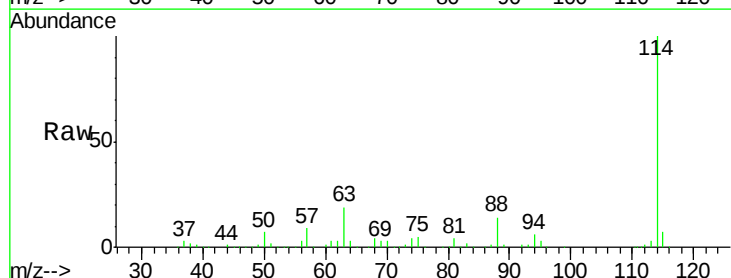
Tgt Ion: 114 Resp: 201803

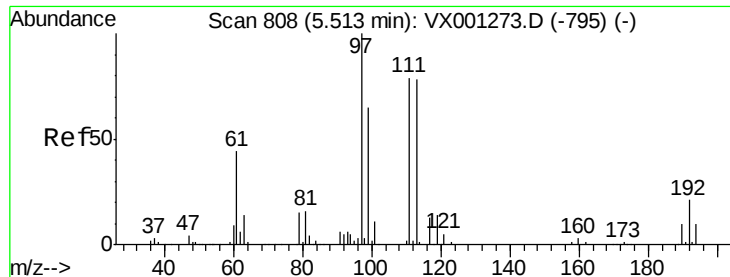
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.8

88 14.5 0.0 32.2

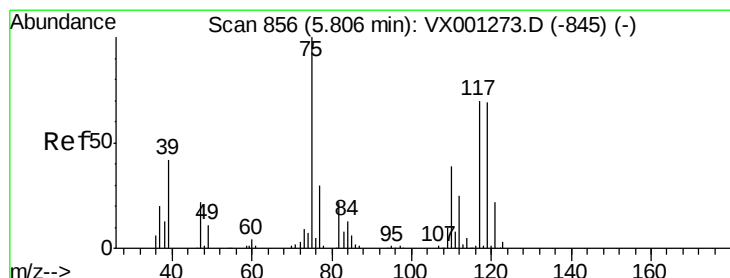
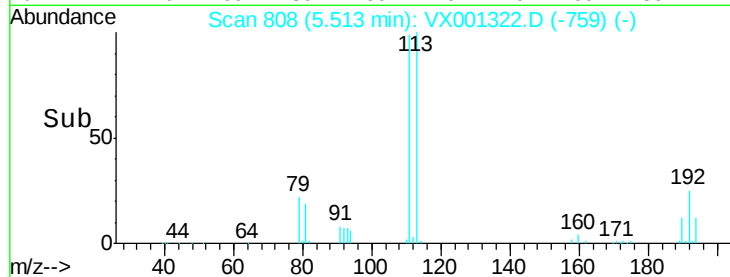
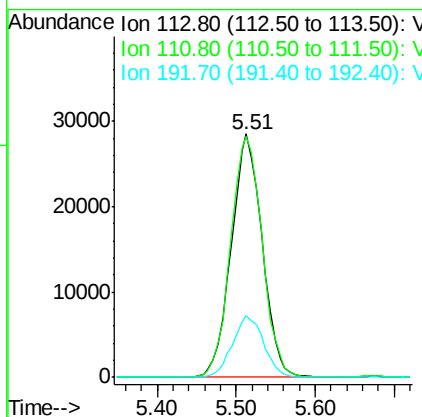
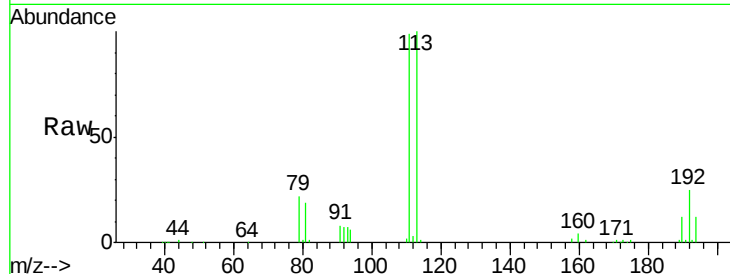




#35
 Dibromofluoromethane
 Concen: 44.71 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001322.D
 Acq: 02 May 2018 17:33

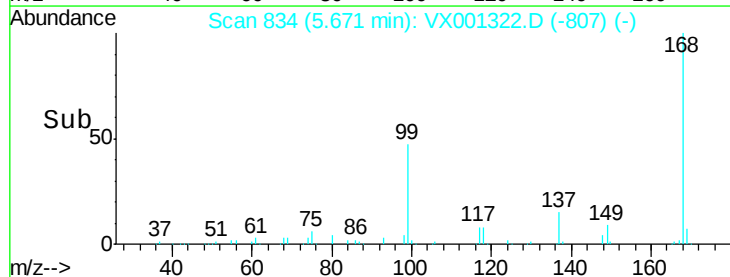
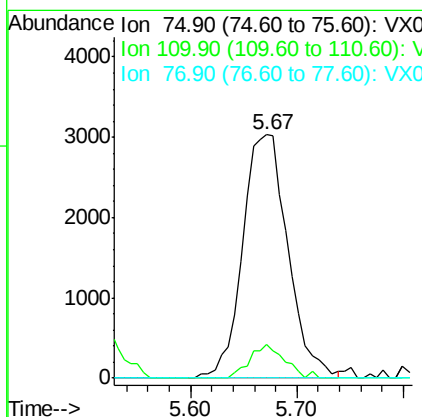
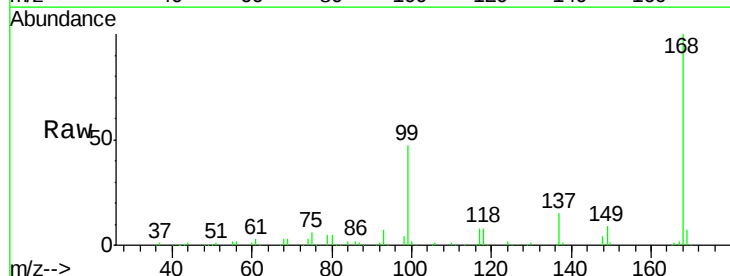
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

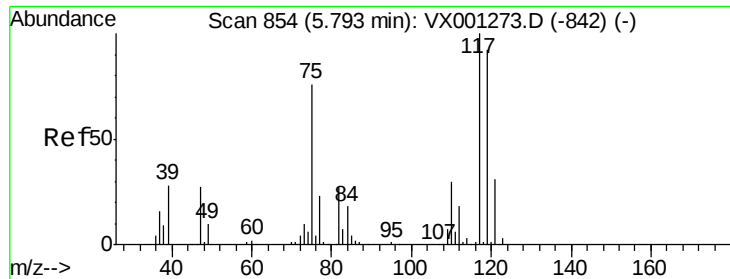
Tgt Ion:113 Resp: 77733
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.2 121.8
 192 25.8 20.7 31.1



#36
 1,1-Dichloropropene
 Concen: 3.88 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001322.D
 Acq: 02 May 2018 17:33

Tgt Ion: 75 Resp: 9028
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.9 56.9#
 77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 5.38 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001322.D

Acq: 02 May 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

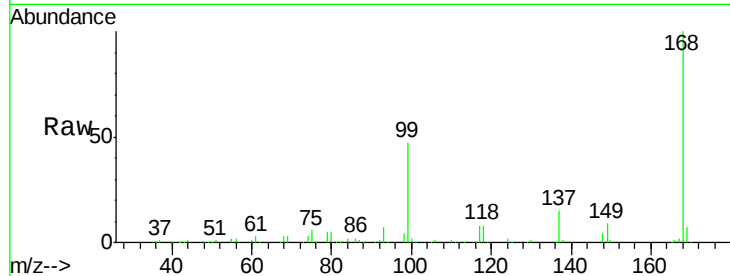
Tgt Ion:117 Resp: 13139

Ion Ratio Lower Upper

117 100

119 4.9 73.4 110.2#

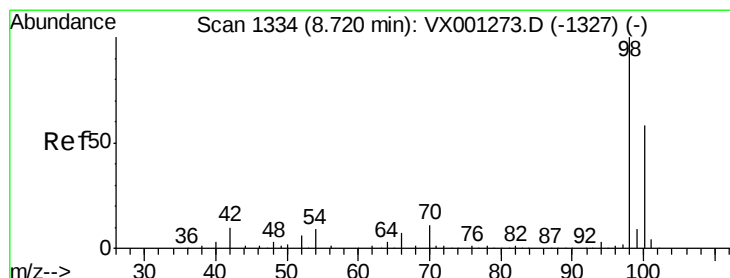
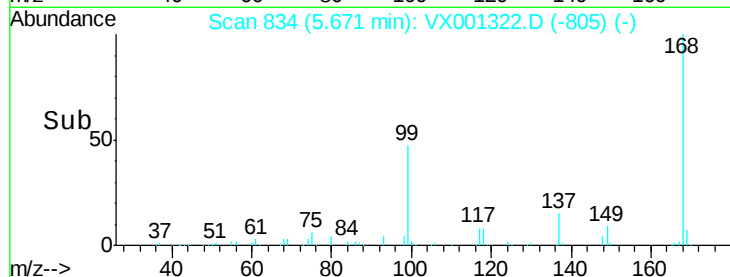
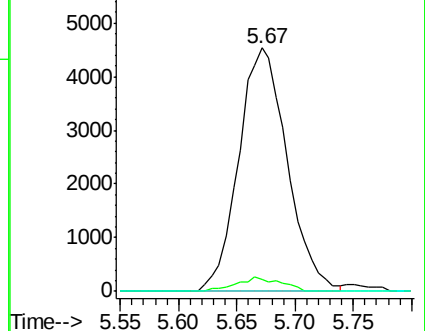
121 0.0 25.0 37.4#



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: 45.37 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001322.D

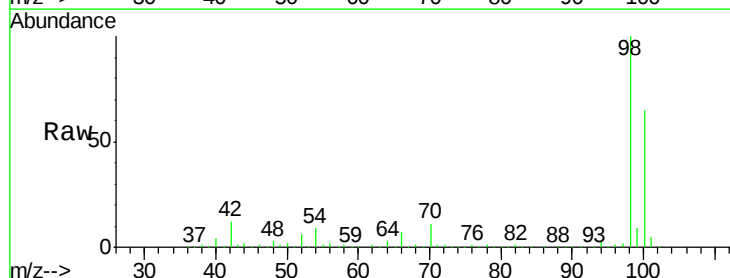
Acq: 02 May 2018 17:33

Tgt Ion: 98 Resp: 281777

Ion Ratio Lower Upper

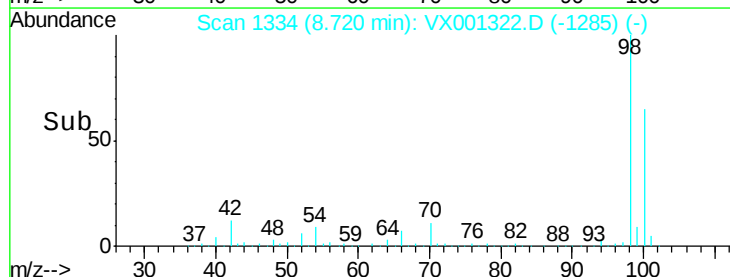
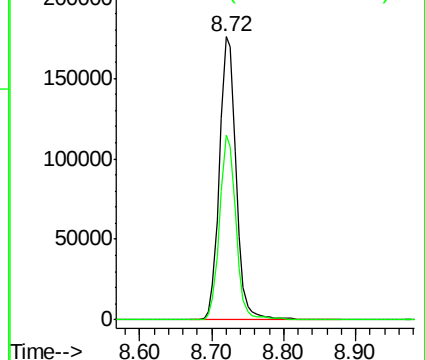
98 100

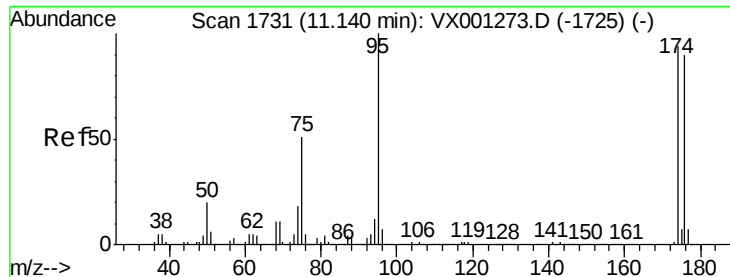
100 64.0 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

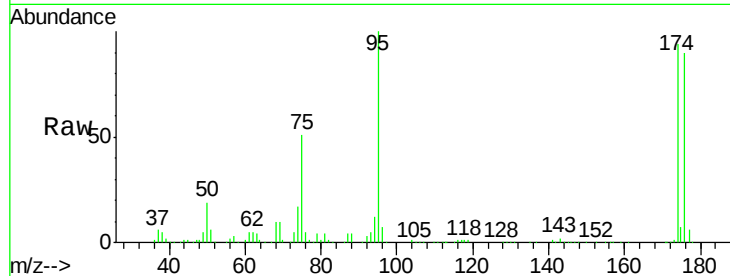




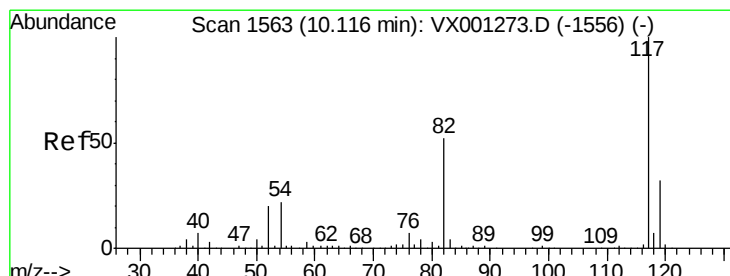
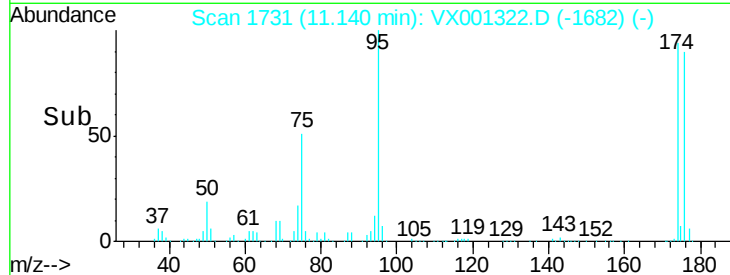
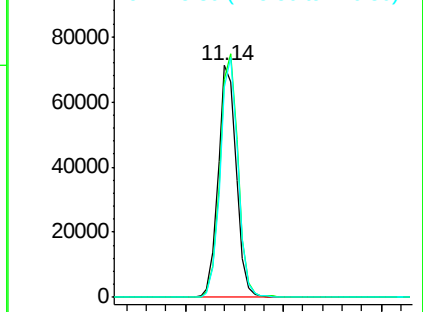
#62
4-Bromofluorobenzene
Concen: 36.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001322.D
Acq: 02 May 2018 17:33

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 95 Resp: 90962
Ion Ratio Lower Upper
95 100
174 105.0 0.0 201.8
176 101.1 0.0 197.2

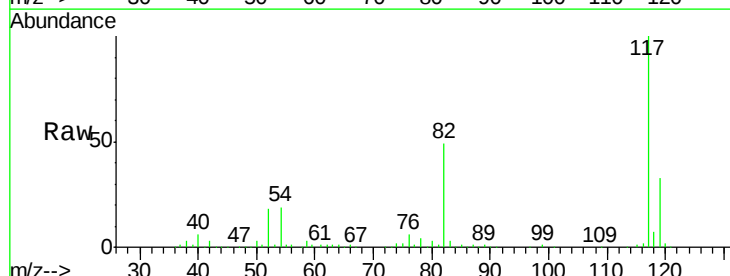


Abundance Ion 94.90 (94.60 to 95.60): VX001322.D (-1682) (-)
Ion 173.80 (173.50 to 174.50): VX001322.D (-1682) (-)
Ion 175.80 (175.50 to 176.50): VX001322.D (-1682) (-)

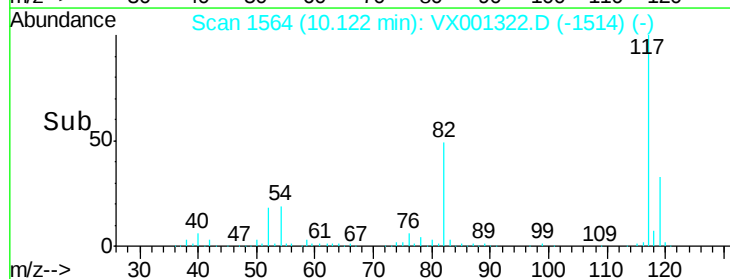
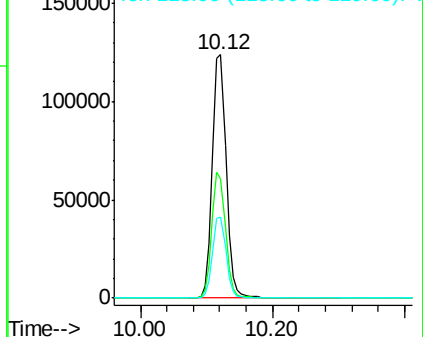


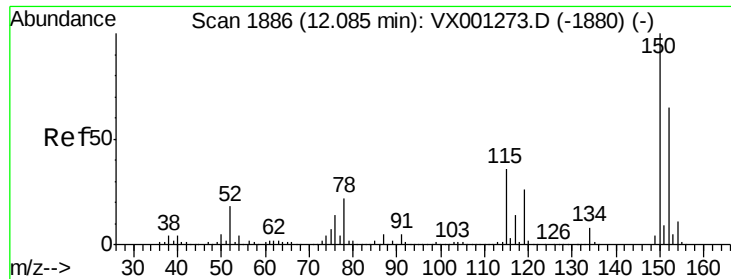
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001322.D
Acq: 02 May 2018 17:33

Tgt Ion: 117 Resp: 179762
Ion Ratio Lower Upper
117 100
82 48.9 41.4 62.0
119 33.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX001322.D (-1514) (-)
Ion 82.00 (81.70 to 82.70): VX001322.D (-1514) (-)
Ion 118.90 (118.60 to 119.60): VX001322.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001322.D

Acq: 02 May 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

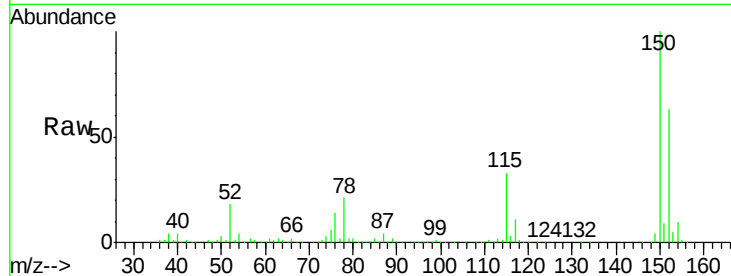
Tgt Ion:152 Resp: 99144

Ion Ratio Lower Upper

152 100

115 52.4 38.6 115.7

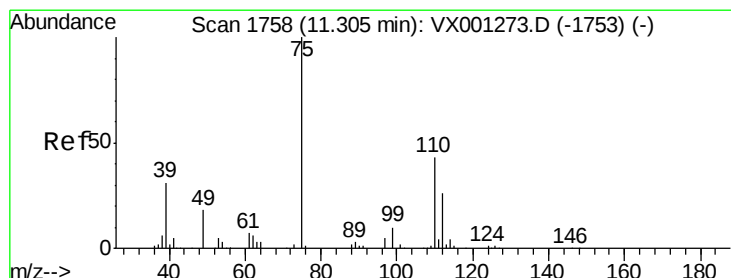
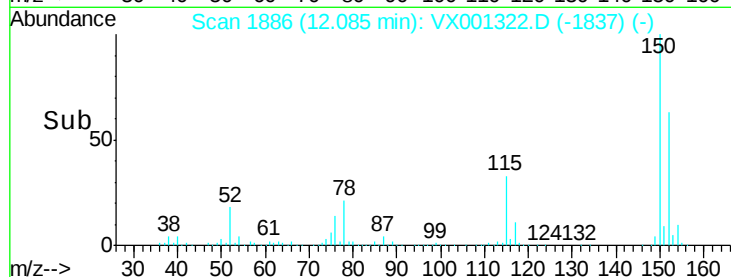
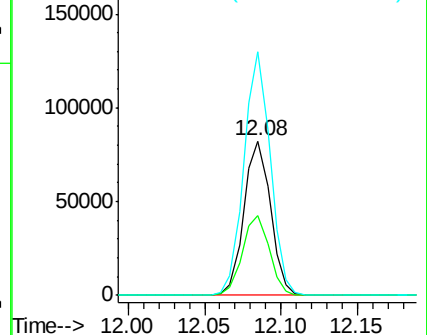
150 156.2 0.0 349.2



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: 25.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001322.D

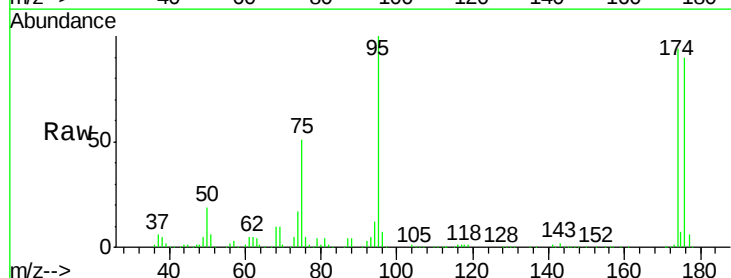
Acq: 02 May 2018 17:33

Tgt Ion: 75 Resp: 45838

Ion Ratio Lower Upper

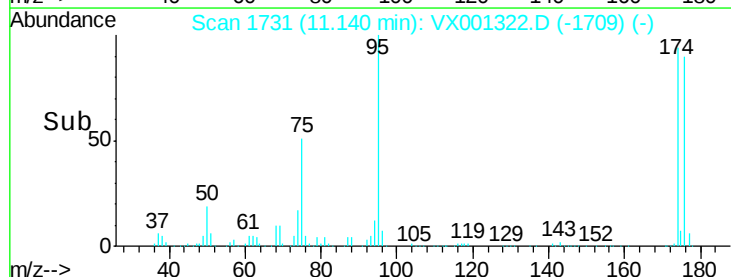
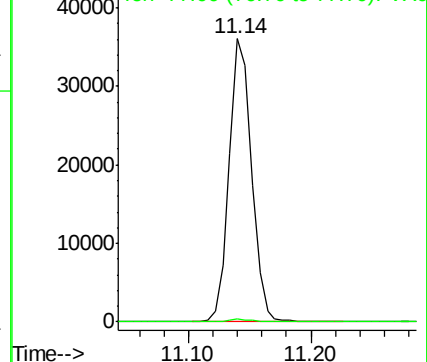
75 100

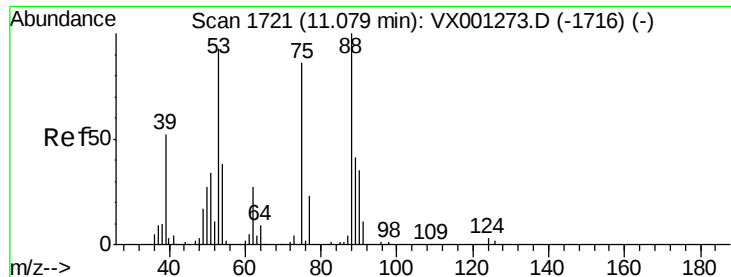
77 1.3 18.9 56.5#



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: 78.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001322.D

Acq: 02 May 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 75 Resp: 45838

Ion Ratio Lower Upper

75 100

53 0.0 87.1 130.7#

89 0.0 38.9 58.3#

