

Data File : VX001358.D
Acq On : 03 May 2018 14:47
Operator : JC/MD
Sample : J2628-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

Quant Time: May 04 07:11:50 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	141721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	193096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	167902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	89646	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	89598	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	
35) Dibromofluoromethane	5.51	113	73528	44.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.40%	
50) Toluene-d8	8.72	98	264571	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
62) 4-Bromofluorobenzene	11.14	95	82347	34.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.28%	

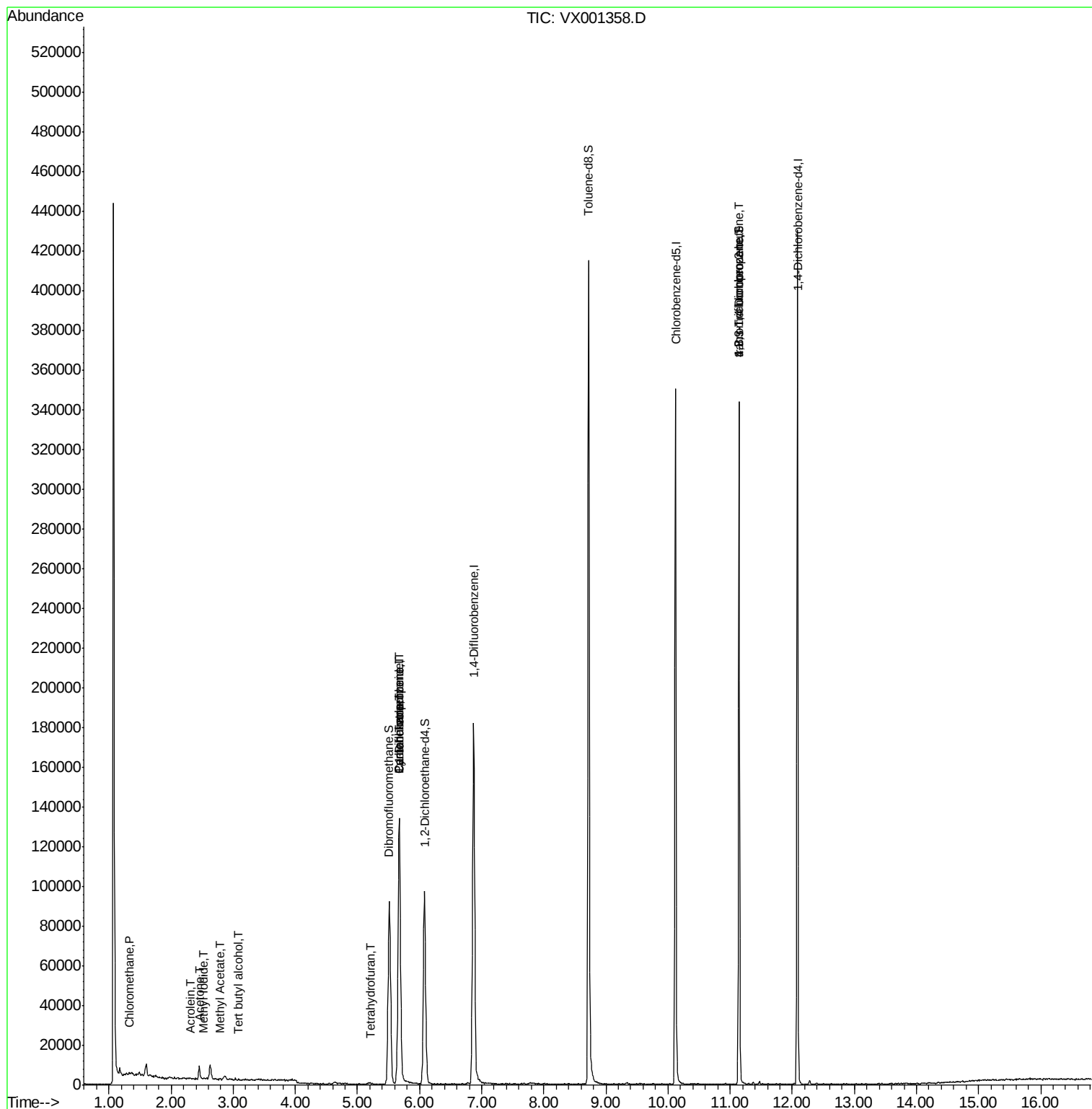
Target Compounds			Qvalue			
3) Chloromethane	1.32	50	412	0.27	ug/l #	86
5) Bromomethane	1.65	94	116	Below Cal	#	71
10) Methyl Iodide	2.53	142	500	4.60	ug/l #	82
11) Tert butyl alcohol	3.09	59	148	0.44	ug/l #	14
13) Acrolein	2.30	56	128	0.66	ug/l #	4
16) Acetone	2.45	43	6590	7.87	ug/l	97
18) Methyl Acetate	2.78	43	468	0.24	ug/l #	91
20) Methylene Chloride	2.86	84	755	Below Cal	#	63
29) Tetrahydrofuran	5.20	42	465	0.67	ug/l #	54
31) Cyclohexane	5.67	56	2417	1.00	ug/l #	1
36) 1,1-Dichloropropene	5.68	75	8671	3.89	ug/l #	50
38) Carbon Tetrachloride	5.67	117	12002	5.14	ug/l #	19
76) 1,2,3-Trichloropropane	11.14	75	42466	25.62	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	42466	80.48	ug/l #	6

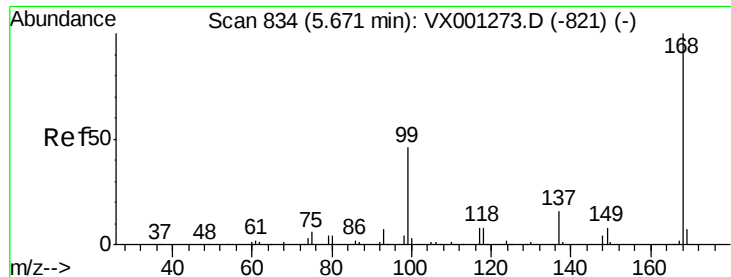
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX001358.D
Acq On : 03 May 2018 14:47
Operator : JC/MD
Sample : J2628-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

Quant Time: May 04 07:11:50 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: VX001358.D

Acq: 03 May 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

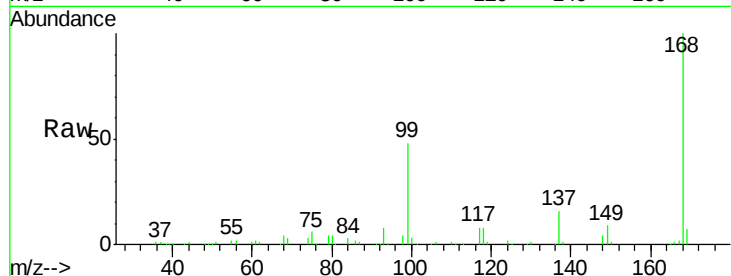
STORAGEBLANK-SAMPLEMANAG

Tgt Ion:168 Resp: 141721

Ion Ratio Lower Upper

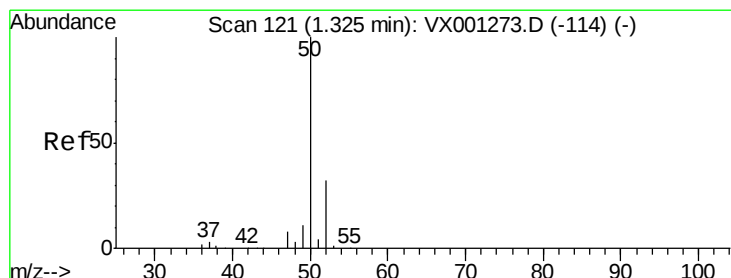
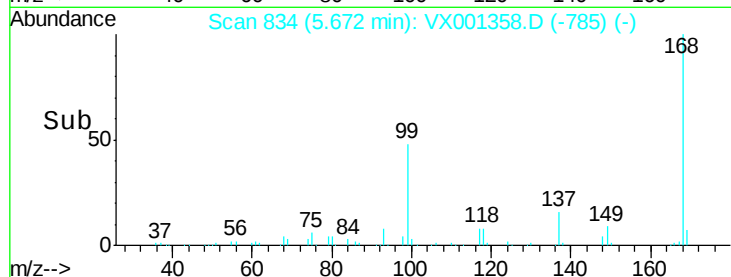
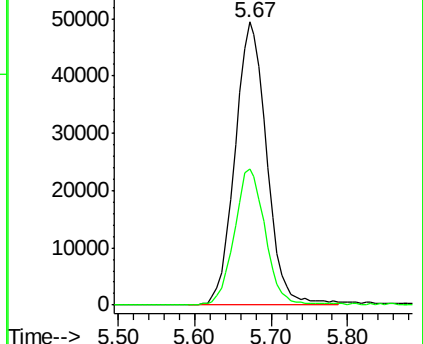
168 100

99 48.3 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: 0.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001358.D

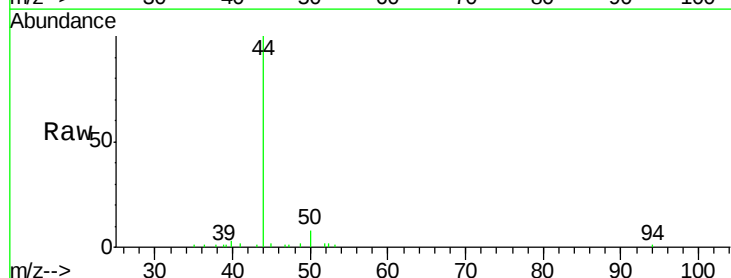
Acq: 03 May 2018 14:47

Tgt Ion: 50 Resp: 412

Ion Ratio Lower Upper

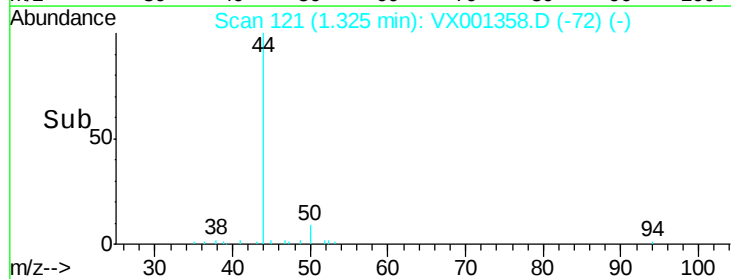
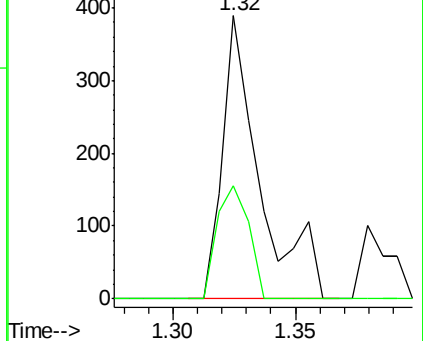
50 100

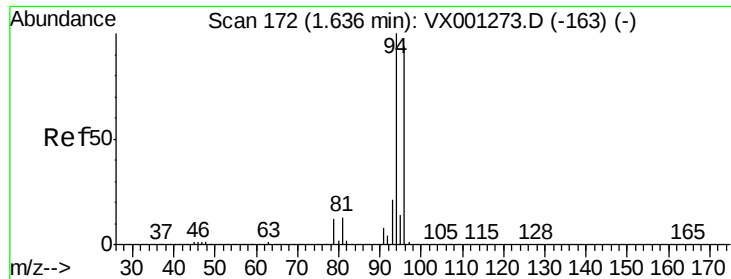
52 39.8 25.7 38.5#



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: VX001358.D

Acq: 03 May 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

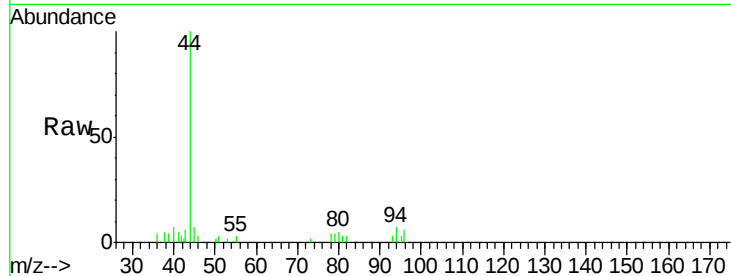
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 94 Resp: 116

Ion Ratio Lower Upper

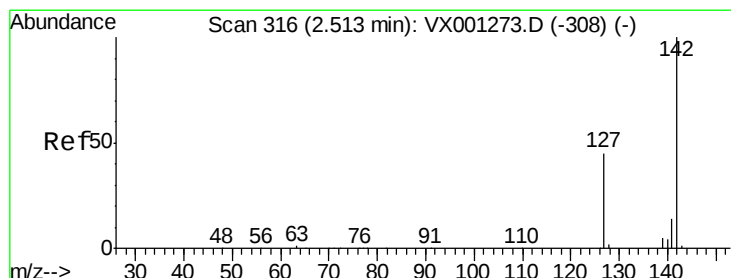
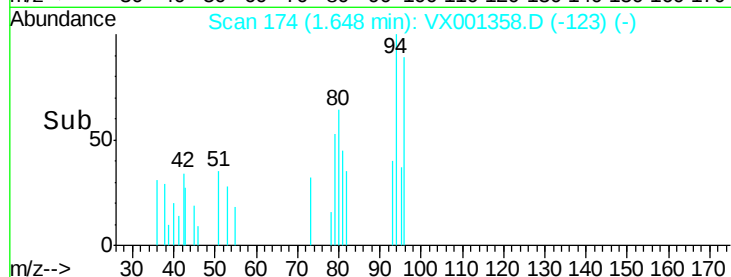
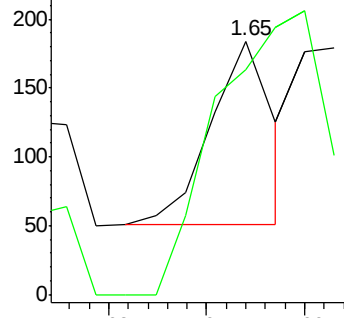
94 100

96 122.6 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: 4.60 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX001358.D

Acq: 03 May 2018 14:47

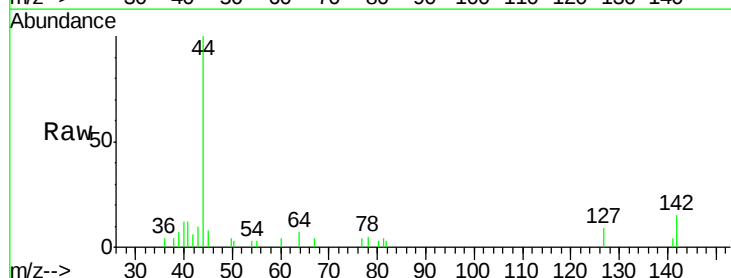
Tgt Ion: 142 Resp: 500

Ion Ratio Lower Upper

142 100

127 54.8 35.7 53.5#

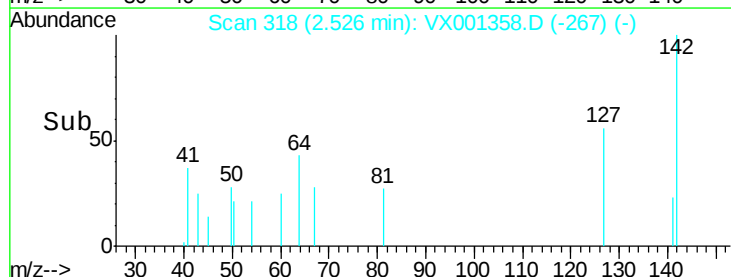
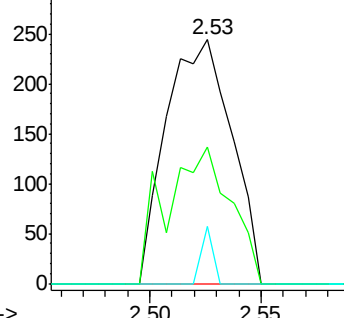
141 4.2 11.4 17.0#

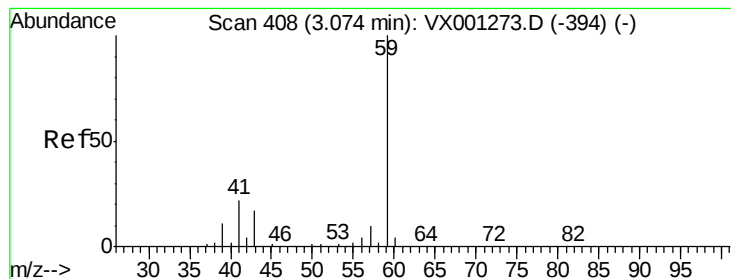


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



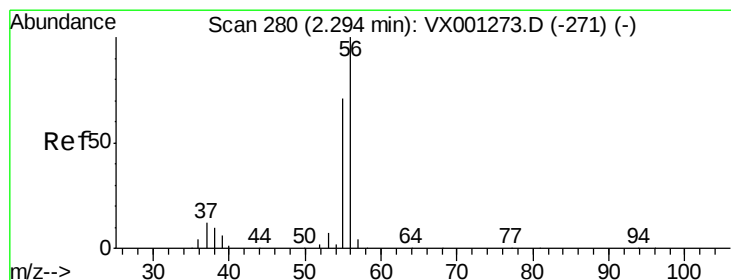
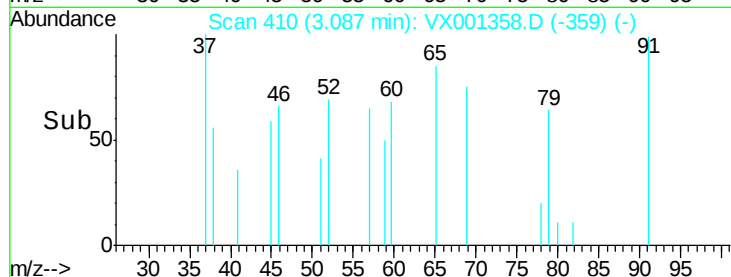
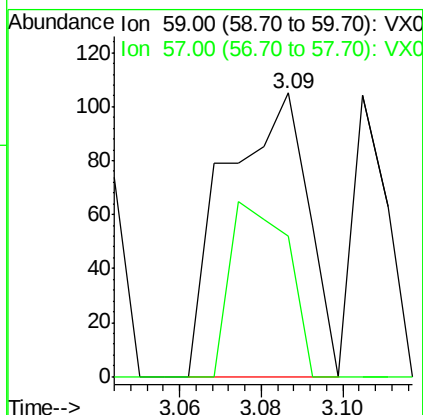
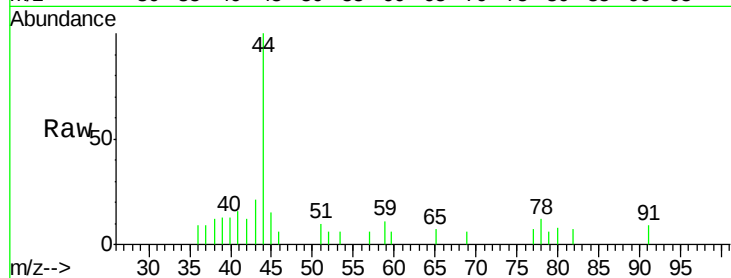


#11

Tert butyl alcohol
 Concen: 0.44 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001358.D
 Acq: 03 May 2018 14:47

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

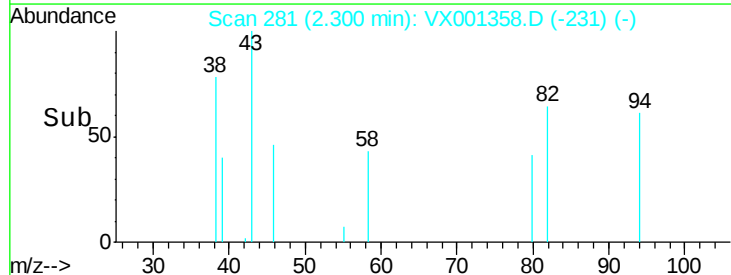
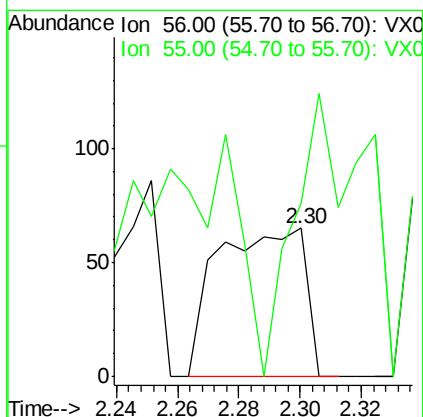
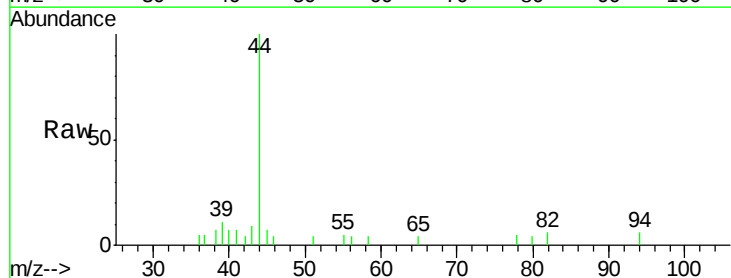
Tgt Ion: 59 Resp: 148
 Ion Ratio Lower Upper
 59 100
 57 43.2 8.6 12.8#

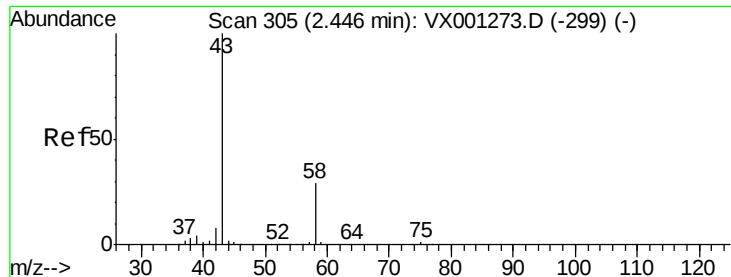


#13

Acrolein
 Concen: 0.66 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: VX001358.D
 Acq: 03 May 2018 14:47

Tgt Ion: 56 Resp: 128
 Ion Ratio Lower Upper
 56 100
 55 151.6 57.2 85.8#





#16

Acetone

Concen: 7.87 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001358.D

Acq: 03 May 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

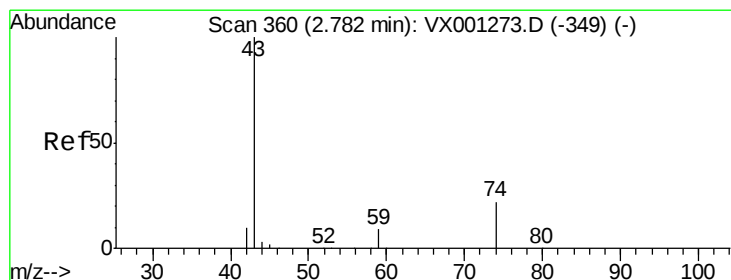
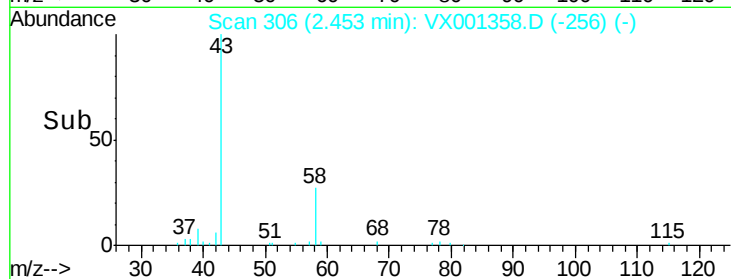
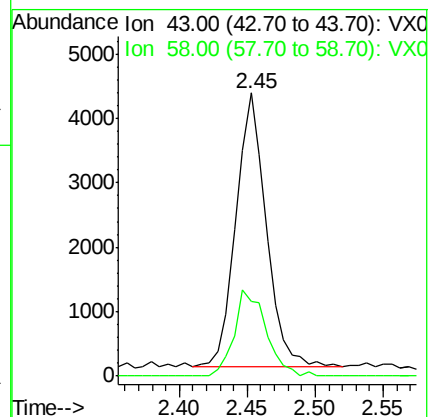
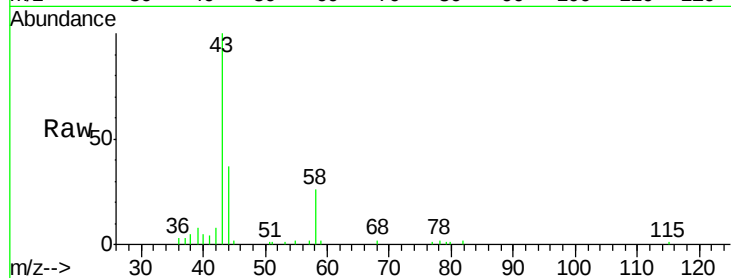
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 43 Resp: 6590

Ion Ratio Lower Upper

43 100

58 27.1 22.8 34.2



#18

Methyl Acetate

Concen: 0.24 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001358.D

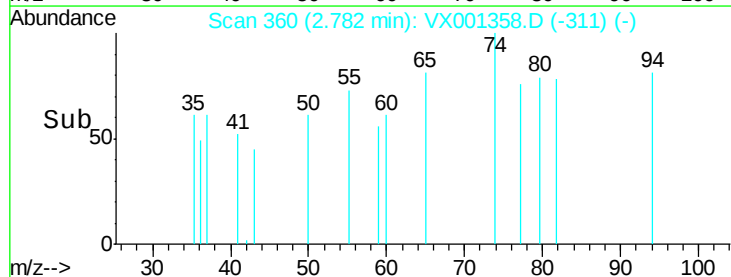
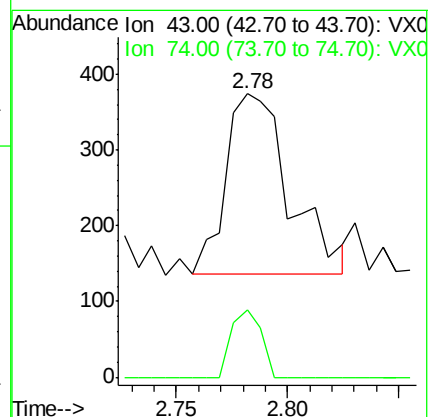
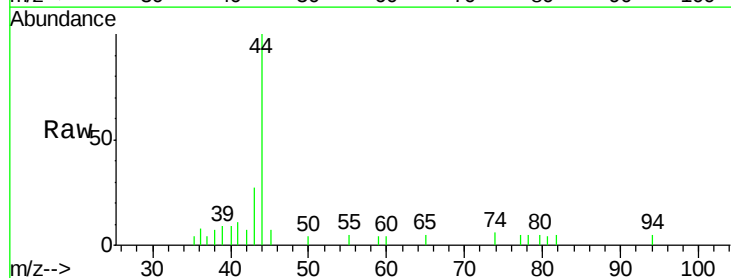
Acq: 03 May 2018 14:47

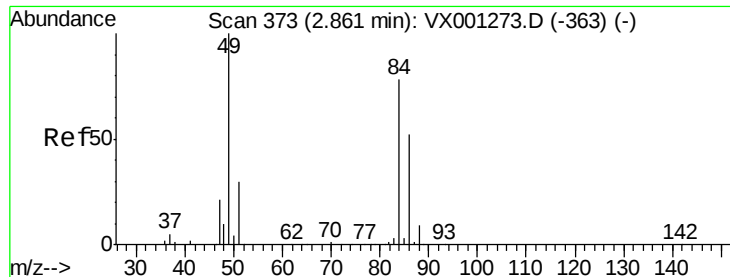
Tgt Ion: 43 Resp: 468

Ion Ratio Lower Upper

43 100

74 17.7 17.8 26.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001358.D

Acq: 03 May 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 84 Resp: 755

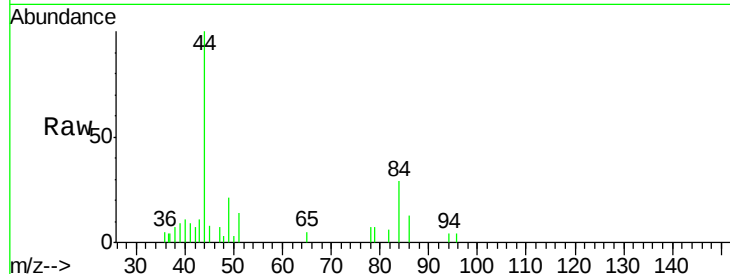
Ion Ratio Lower Upper

84 100

49 71.7 102.8 154.2#

51 30.0 30.9 46.3#

86 44.7 53.0 79.4#

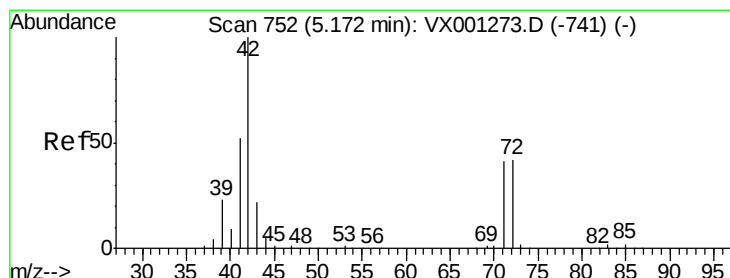
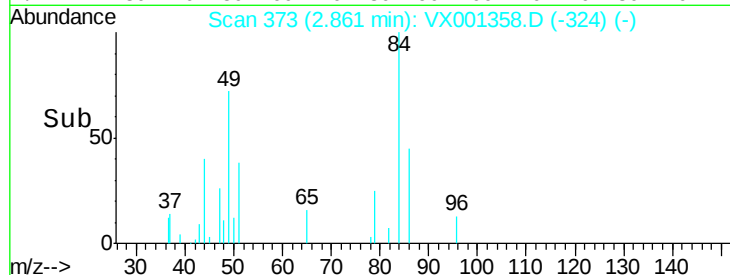
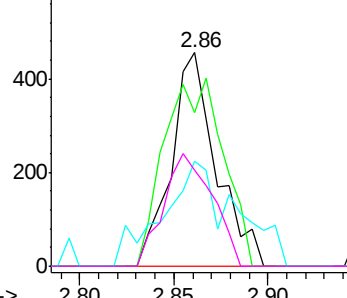


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#29

Tetrahydrofuran

Concen: 0.67 ug/l

RT: 5.20 min Scan# 756

Delta R.T. 0.02 min

Lab File: VX001358.D

Acq: 03 May 2018 14:47

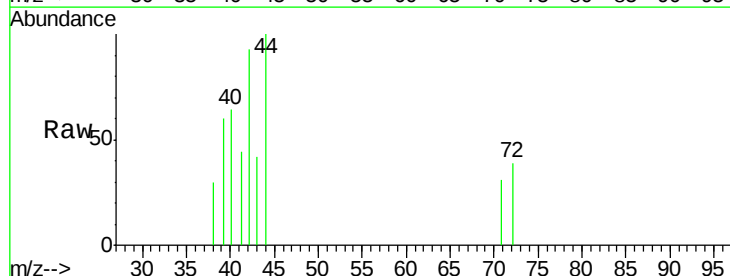
Tgt Ion: 42 Resp: 465

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

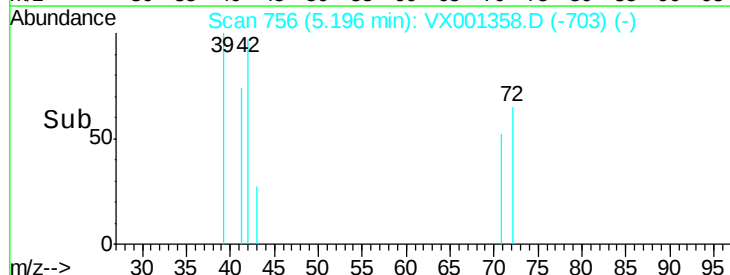
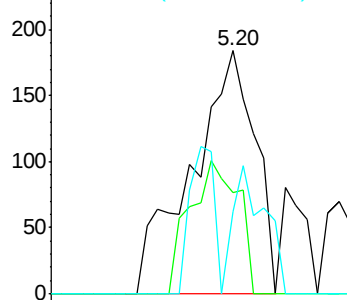
71 26.7 32.7 49.1#

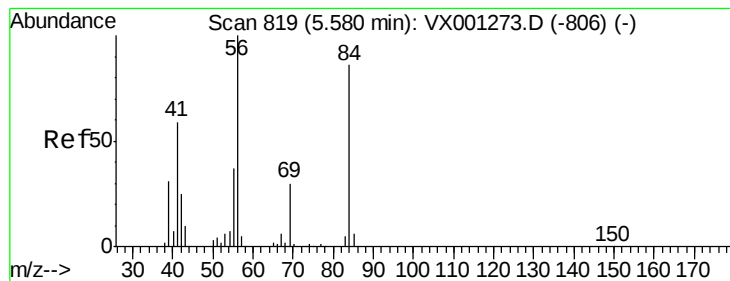


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 1.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001358.D

Acq: 03 May 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

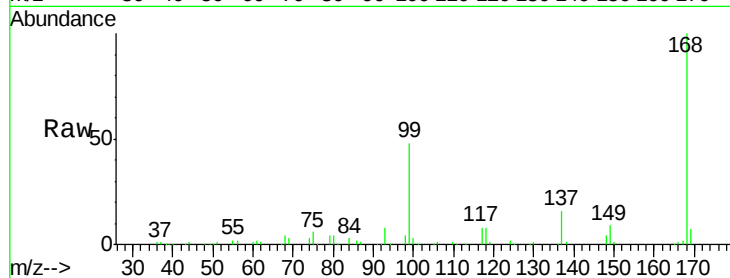
Tgt Ion: 56 Resp: 2417

Ion Ratio Lower Upper

56 100

69 183.6 24.0 36.0#

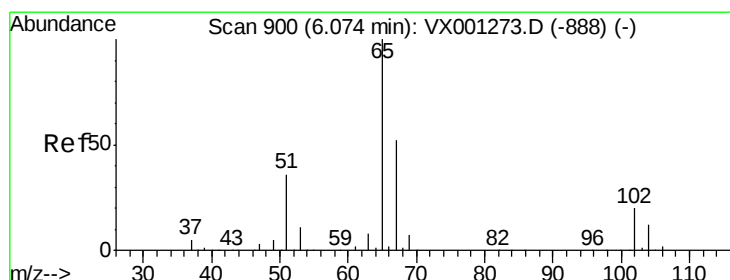
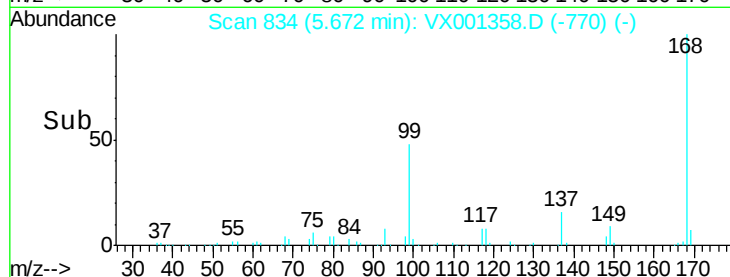
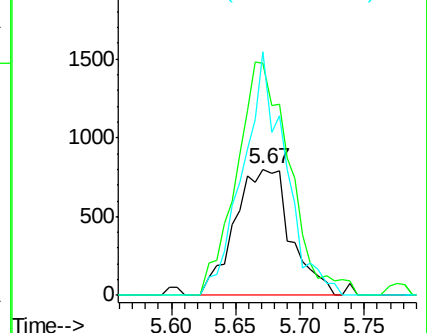
84 192.5 69.0 103.4#



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: 45.67 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001358.D

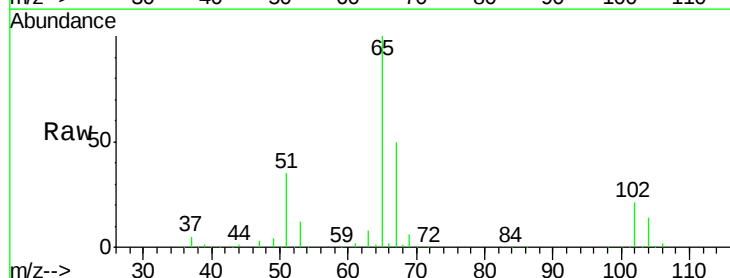
Acq: 03 May 2018 14:47

Tgt Ion: 65 Resp: 89598

Ion Ratio Lower Upper

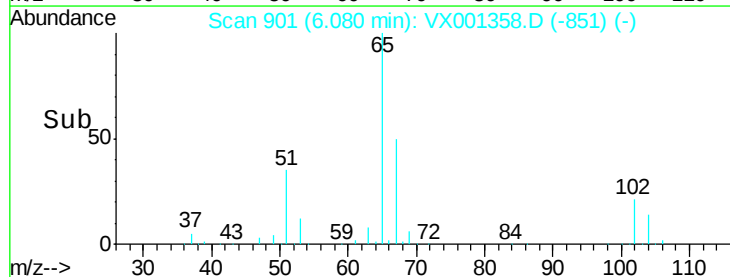
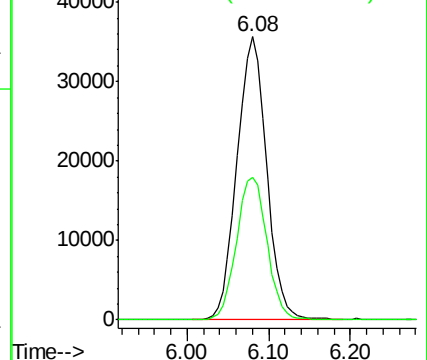
65 100

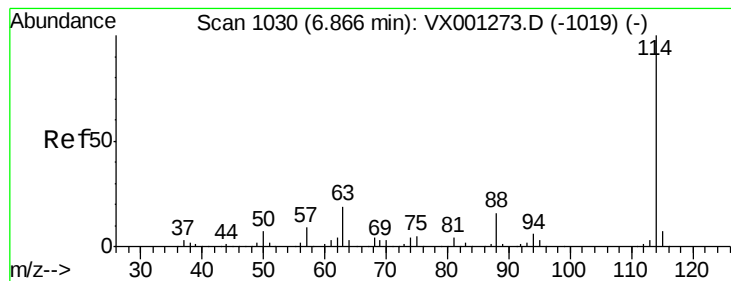
67 51.8 0.0 102.8



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. 0.01 min

Lab File: VX001358.D

Acq: 03 May 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

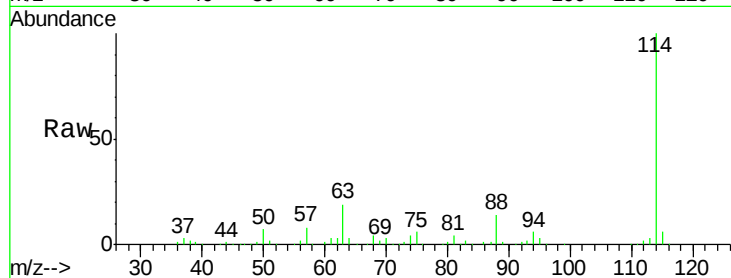
Tgt Ion:114 Resp: 193096

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

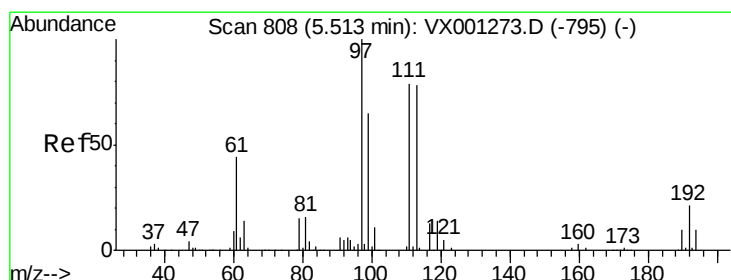
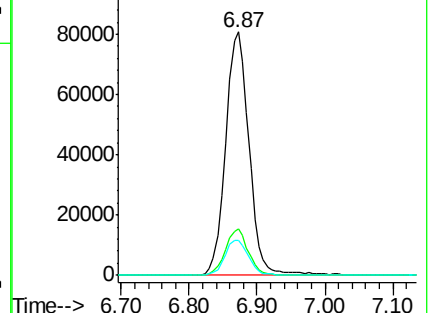
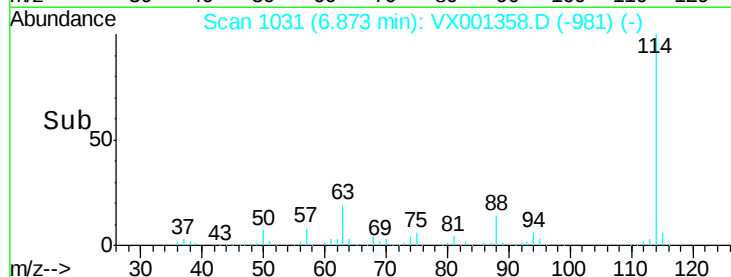
88 14.2 0.0 32.2



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: 44.20 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001358.D

Acq: 03 May 2018 14:47

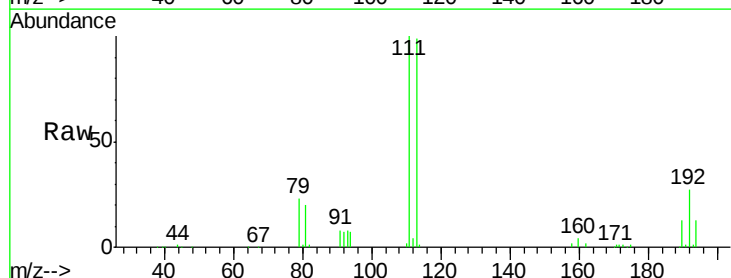
Tgt Ion:113 Resp: 73528

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

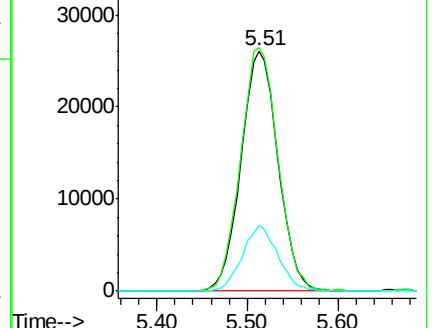
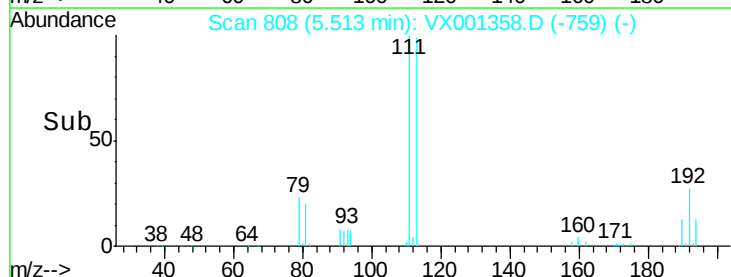
192 26.3 20.7 31.1

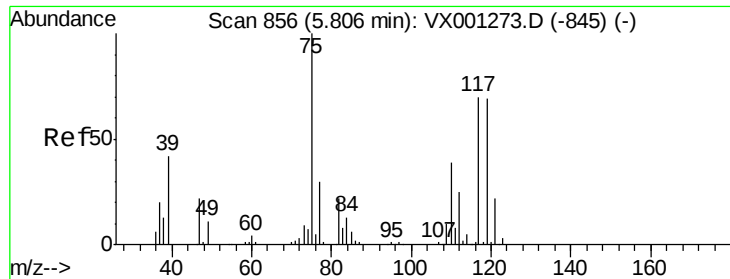


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

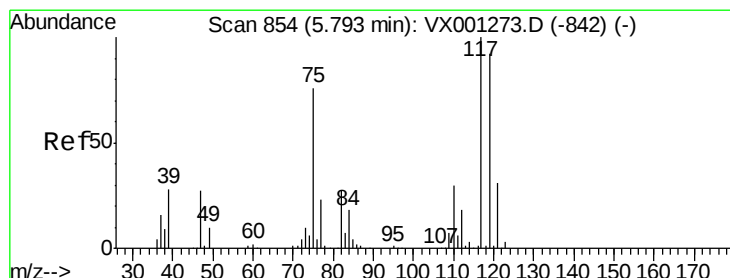
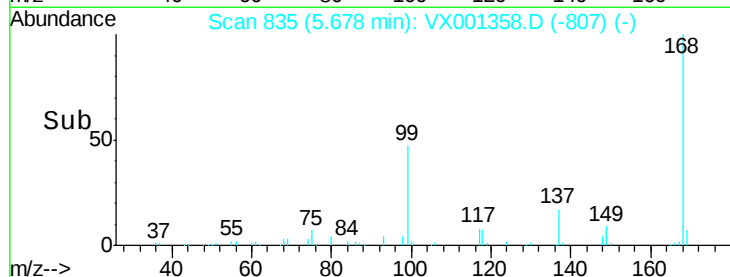
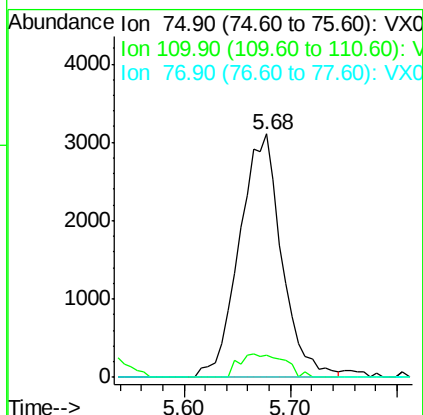
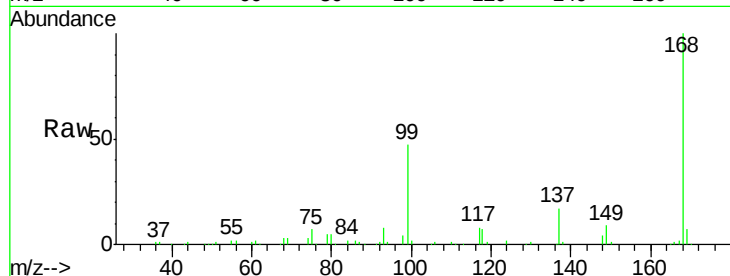




#36
 1,1-Dichloropropene
 Concen: 3.89 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX001358.D
 Acq: 03 May 2018 14:47

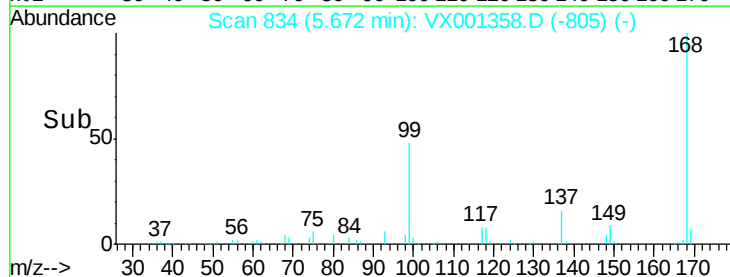
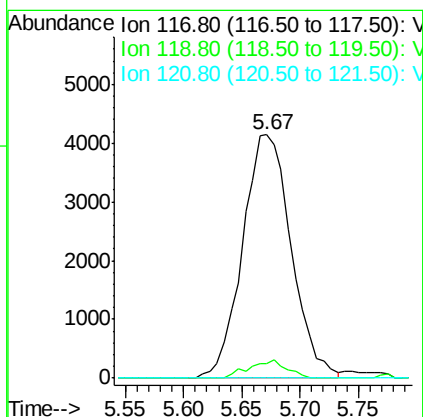
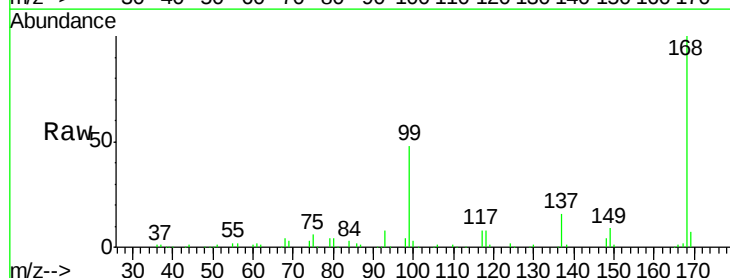
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

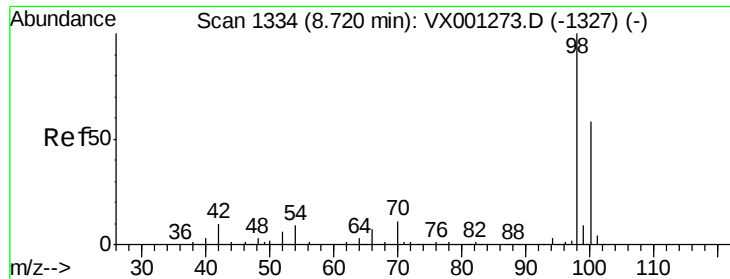
Tgt Ion: 75 Resp: 8671
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.9 56.9#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 5.14 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001358.D
 Acq: 03 May 2018 14:47

Tgt Ion: 117 Resp: 12002
 Ion Ratio Lower Upper
 117 100
 119 6.1 73.4 110.2#
 121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 44.52 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001358.D

Acq: 03 May 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

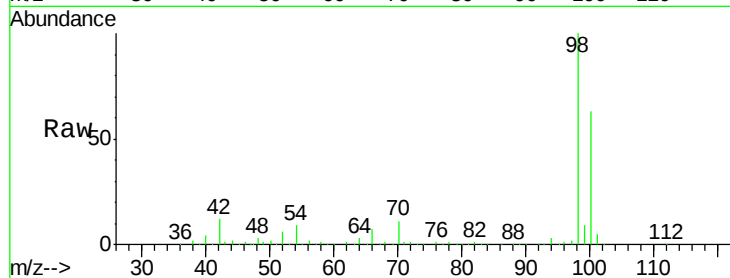
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 98 Resp: 264571

Ion Ratio Lower Upper

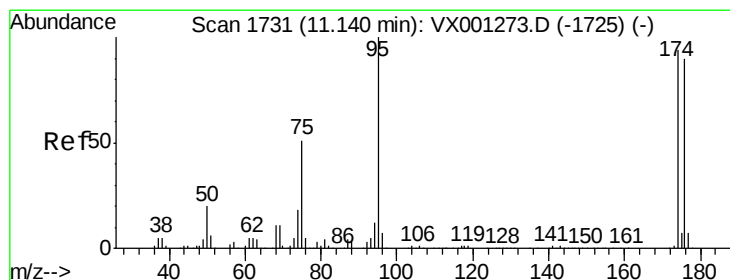
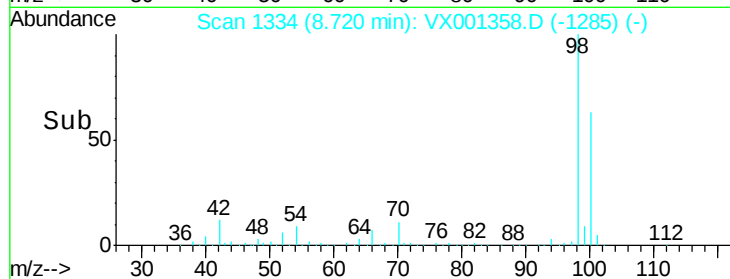
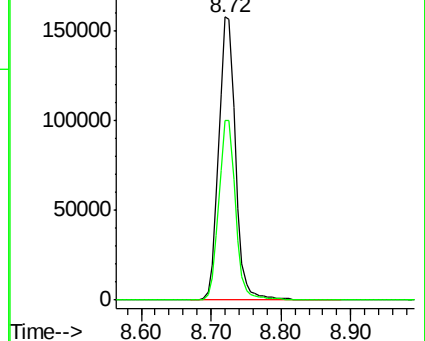
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 34.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001358.D

Acq: 03 May 2018 14:47

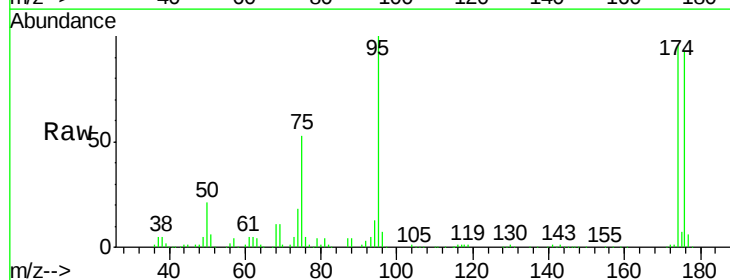
Tgt Ion: 95 Resp: 82347

Ion Ratio Lower Upper

95 100

174 104.8 0.0 201.8

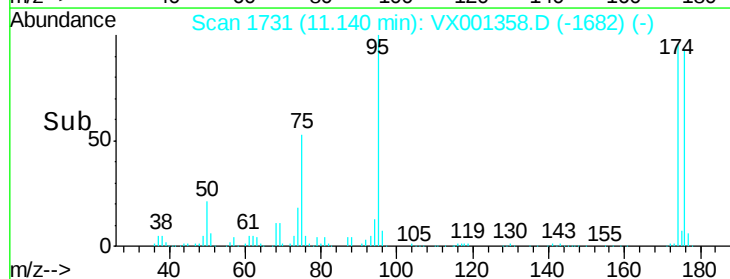
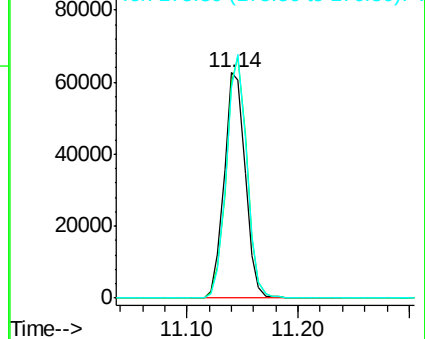
176 103.6 0.0 197.2

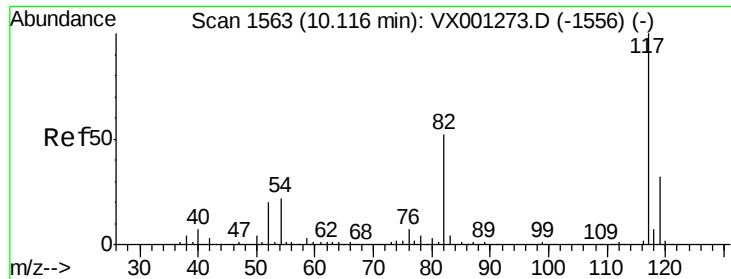


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

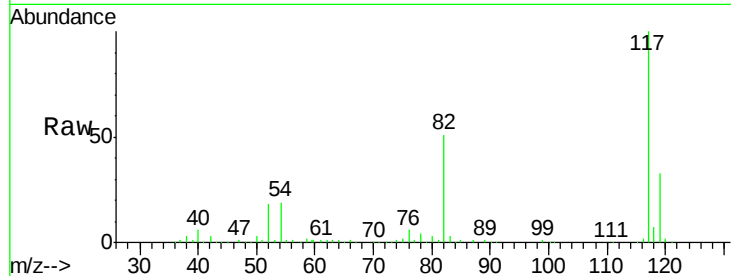




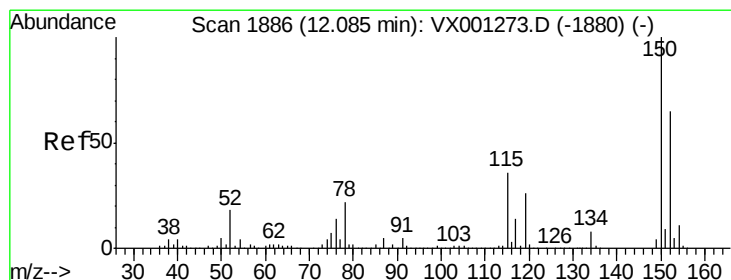
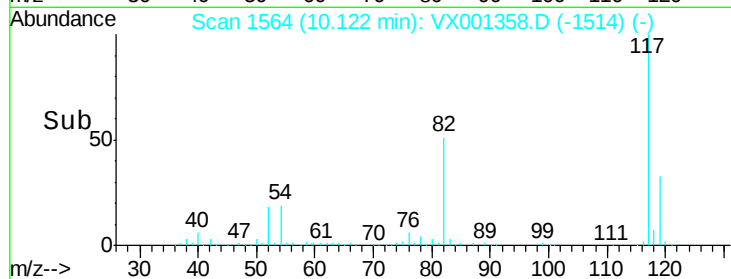
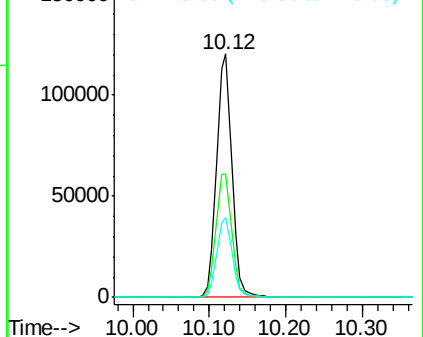
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001358.D
Acq: 03 May 2018 14:47

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

Tgt Ion:117 Resp: 167902
Ion Ratio Lower Upper
117 100
82 50.6 41.4 62.0
119 32.8 25.5 38.3

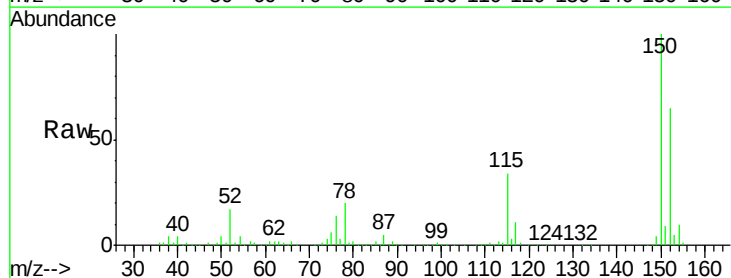


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

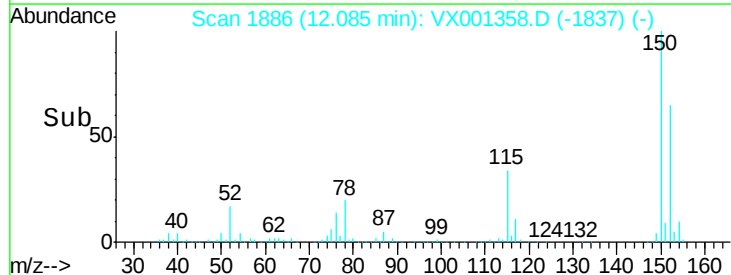
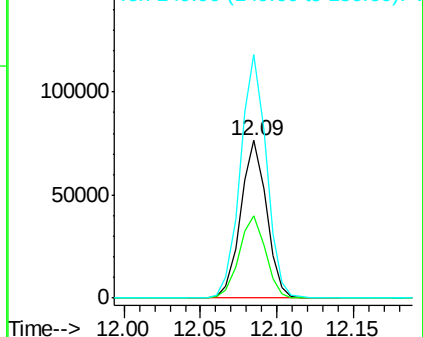


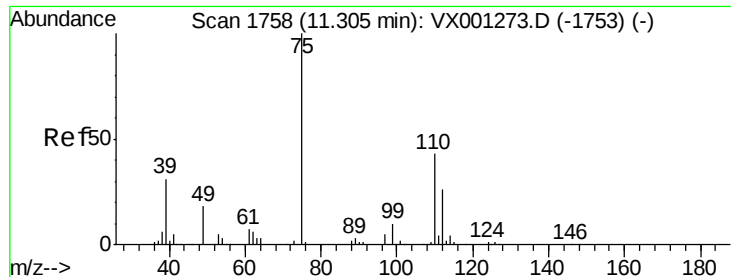
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001358.D
Acq: 03 May 2018 14:47

Tgt Ion:152 Resp: 89646
Ion Ratio Lower Upper
152 100
115 53.1 38.6 115.7
150 155.6 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: 25.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001358.D

Acq: 03 May 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

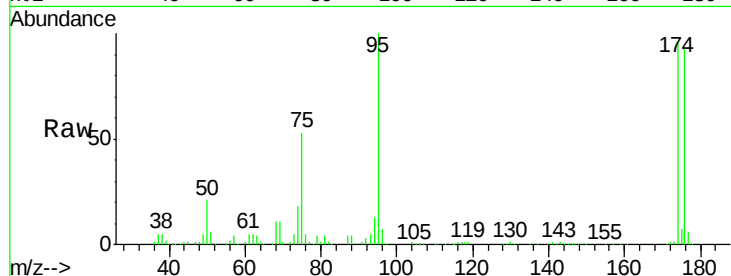
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 75 Resp: 42466

Ion Ratio Lower Upper

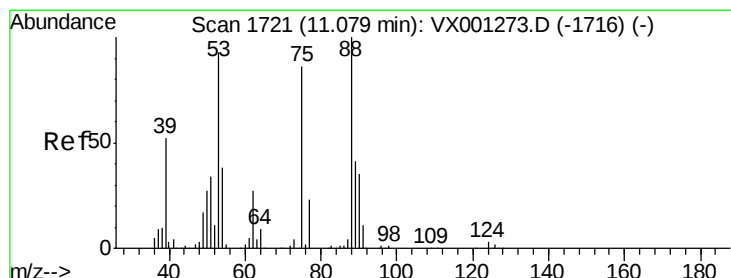
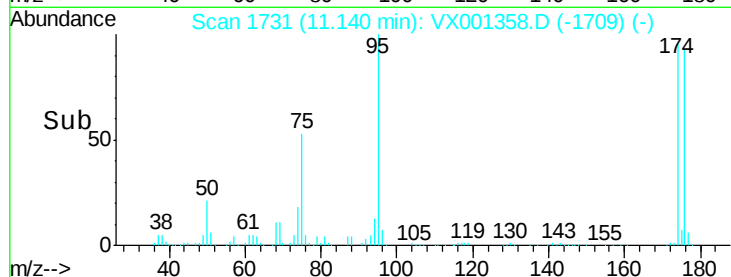
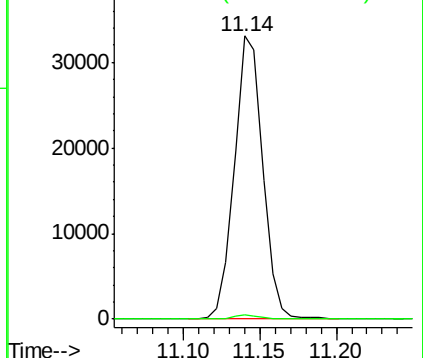
75 100

77 1.4 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: 80.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001358.D

Acq: 03 May 2018 14:47

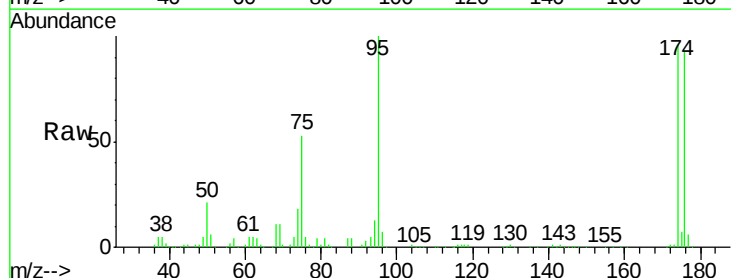
Tgt Ion: 75 Resp: 42466

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

