

Data File : VX001356.D
Acq On : 03 May 2018 13:53
Operator : JC/MD
Sample : J2628-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-WATERREF-5

Quant Time: May 04 07:11:13 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	159038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	223395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	205563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	103227	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	84582	38.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.84%	
35) Dibromofluoromethane	5.51	113	70376	36.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.14%	
50) Toluene-d8	8.72	98	261730	38.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.14%	
62) 4-Bromofluorobenzene	11.14	95	86624	31.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.00%	

Target Compounds				Qvalue		
3) Chloromethane	1.32	50	362	0.21	ug/l	93
5) Bromomethane	1.65	94	491	Below	Cal	# 48
10) Methyl Iodide	2.51	142	565	4.60	ug/l	# 86
11) Tert butyl alcohol	3.09	59	118	0.31	ug/l	# 1
13) Acrolein	2.31	56	79	0.36	ug/l	# 1
16) Acetone	2.45	43	3056	3.25	ug/l	97
18) Methyl Acetate	2.79	43	565	0.25	ug/l	# 70
20) Methylene Chloride	2.86	84	534	Below	Cal	# 88
29) Tetrahydrofuran	5.20	42	656	0.84	ug/l	# 47
31) Cyclohexane	5.67	56	2853	1.05	ug/l	# 33
36) 1,1-Dichloropropene	5.67	75	9730	3.77	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	13538	5.01	ug/l	# 19
76) 1,2,3-Trichloropropane	11.14	75	44452	23.29	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	44452	73.55	ug/l	# 6

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

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Sample : J2628-02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-WATERREF-5

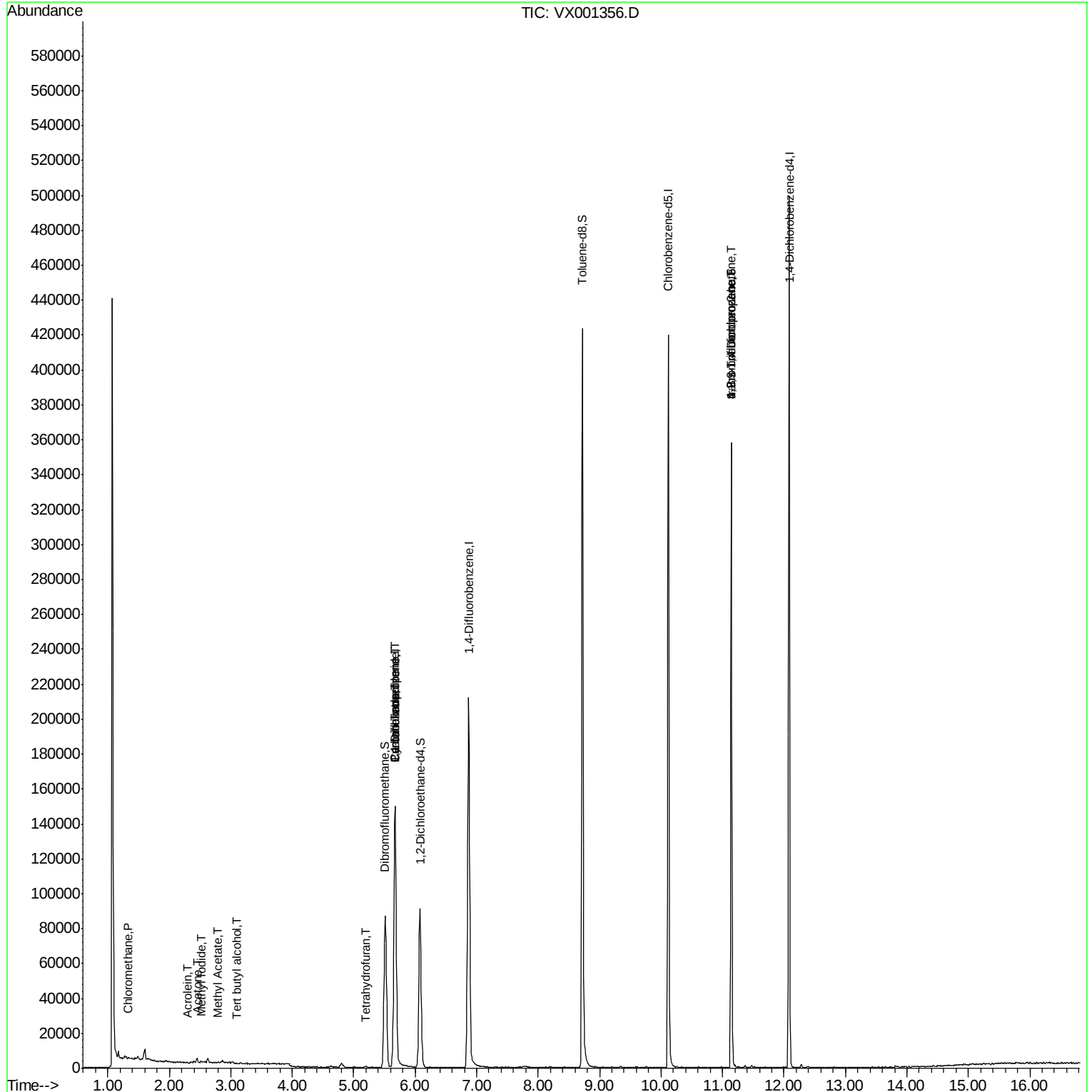
Quant Time: May 04 07:11:13 2018

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: VX001356.D

Acq: 03 May 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

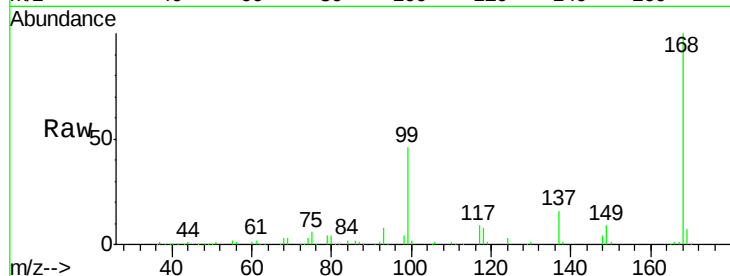
STORAGEBLANK-WATERREF-5

Tgt Ion:168 Resp: 159038

Ion Ratio Lower Upper

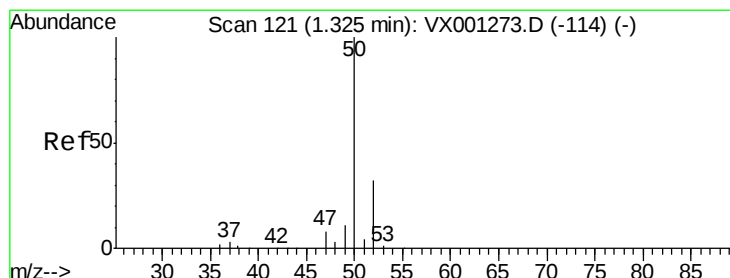
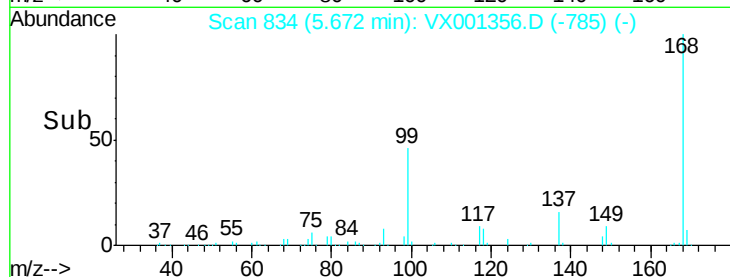
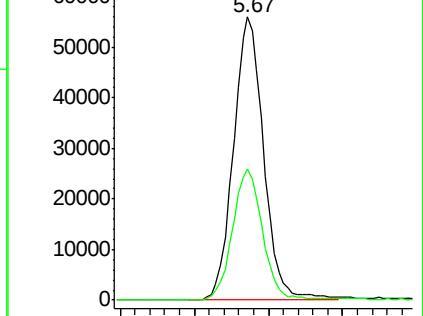
168 100

99 46.5 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: 0.21 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001356.D

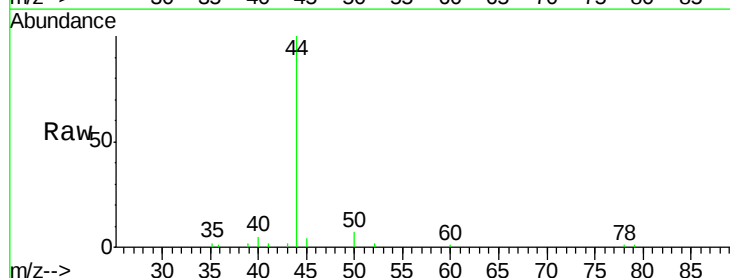
Acq: 03 May 2018 13:53

Tgt Ion: 50 Resp: 362

Ion Ratio Lower Upper

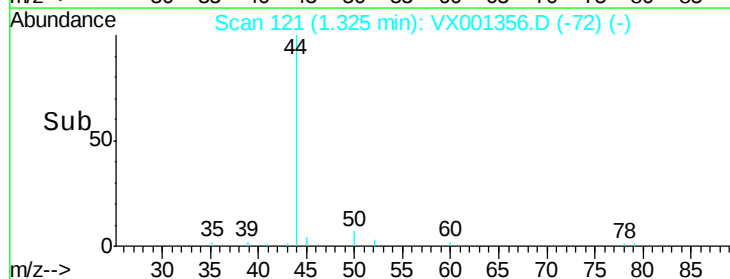
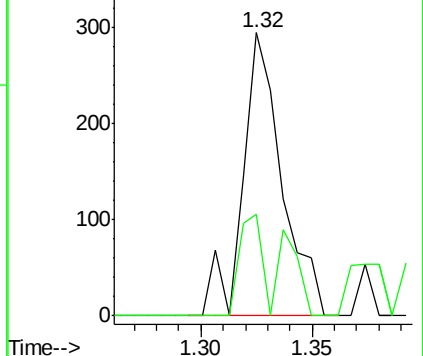
50 100

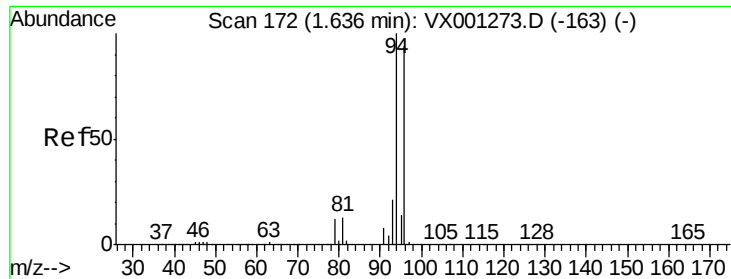
52 36.1 25.7 38.5



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: VX001356.D

Acq: 03 May 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

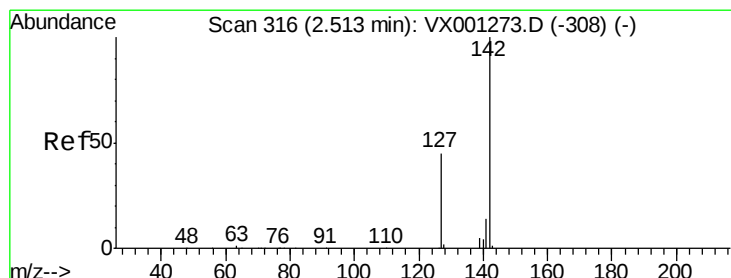
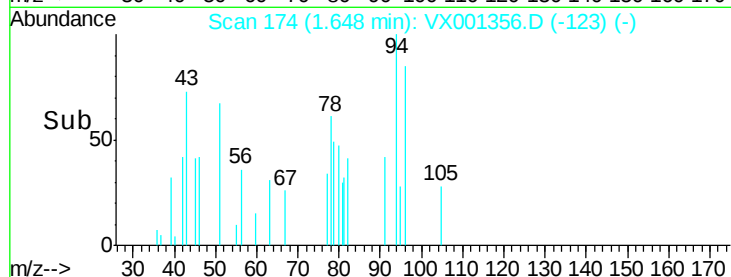
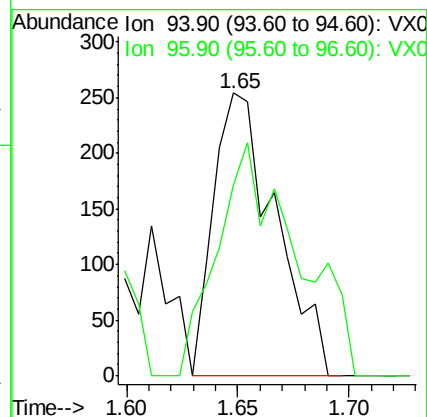
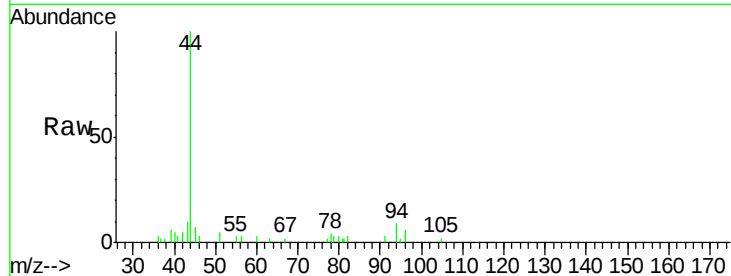
STORAGEBLANK-WATERREF-5

Tgt Ion: 94 Resp: 491

Ion Ratio Lower Upper

94 100

96 44.5 75.6 113.4#



#10

Methyl Iodide

Concen: 4.60 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001356.D

Acq: 03 May 2018 13:53

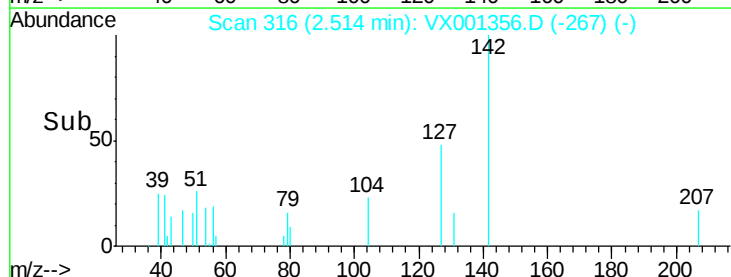
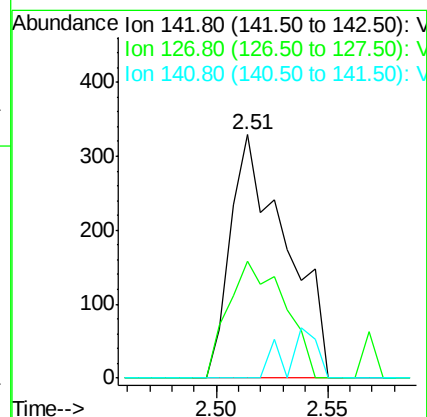
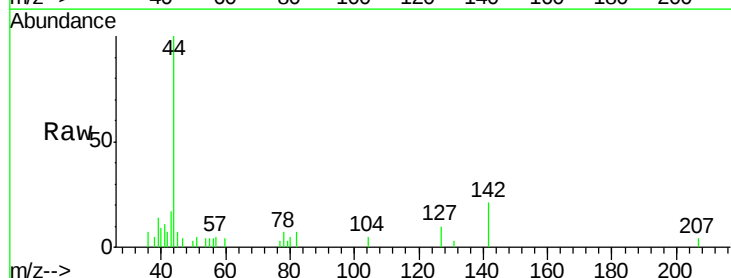
Tgt Ion: 142 Resp: 565

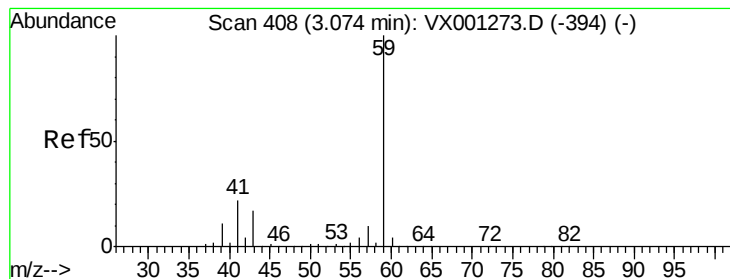
Ion Ratio Lower Upper

142 100

127 49.4 35.7 53.5

141 0.0 11.4 17.0#



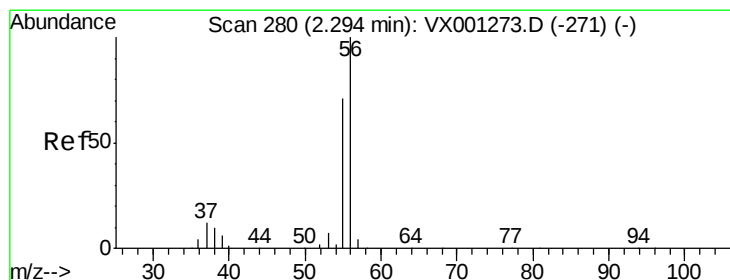
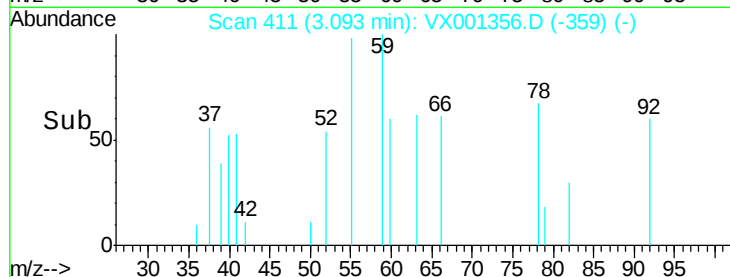
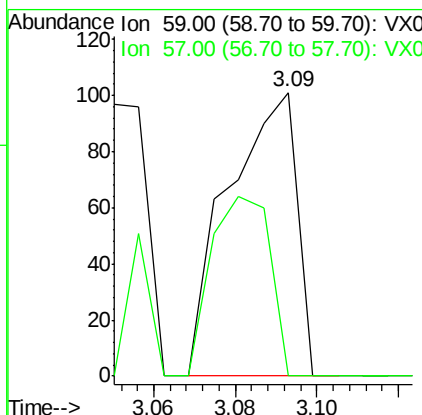
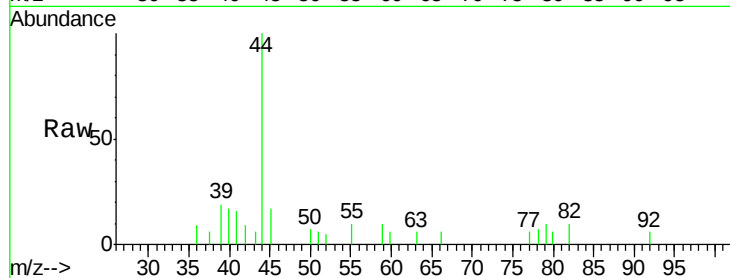


#11

Tert butyl alcohol
 Concen: 0.31 ug/l
 RT: 3.09 min Scan# 411
 Delta R.T. 0.02 min
 Lab File: VX001356.D
 Acq: 03 May 2018 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-WATERREF-5

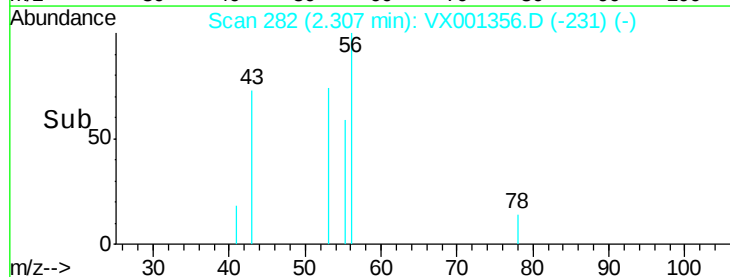
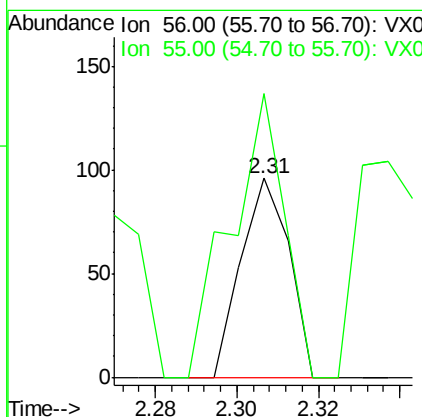
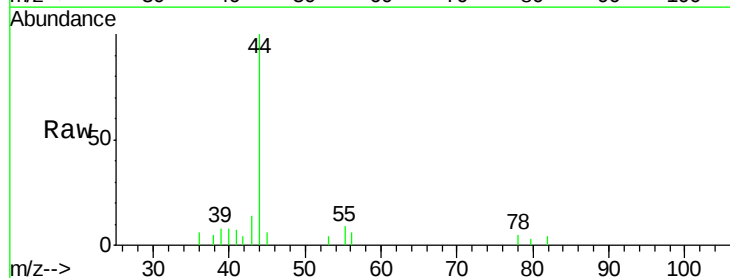
Tgt Ion: 59 Resp: 118
 Ion Ratio Lower Upper
 59 100
 57 54.2 8.6 12.8#

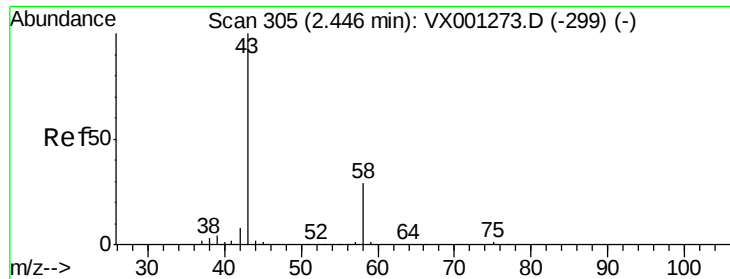


#13

Acrolein
 Concen: 0.36 ug/l
 RT: 2.31 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: VX001356.D
 Acq: 03 May 2018 13:53

Tgt Ion: 56 Resp: 79
 Ion Ratio Lower Upper
 56 100
 55 158.2 57.2 85.8#





#16

Acetone

Concen: 3.25 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001356.D

Acq: 03 May 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

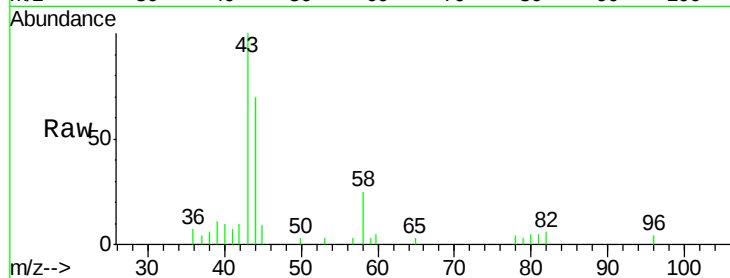
STORAGEBLANK-WATERREF-5

Tgt Ion: 43 Resp: 3056

Ion Ratio Lower Upper

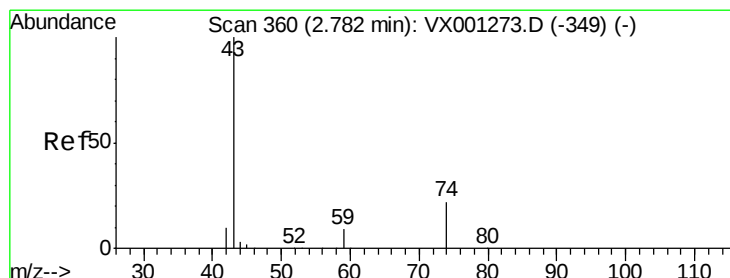
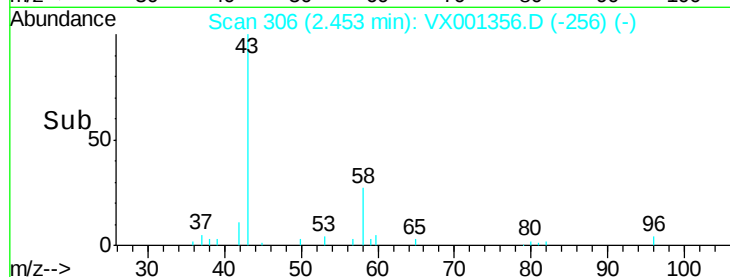
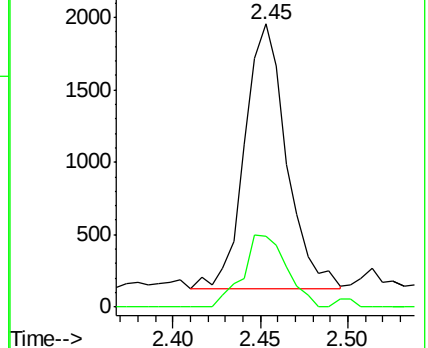
43 100

58 26.7 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.25 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001356.D

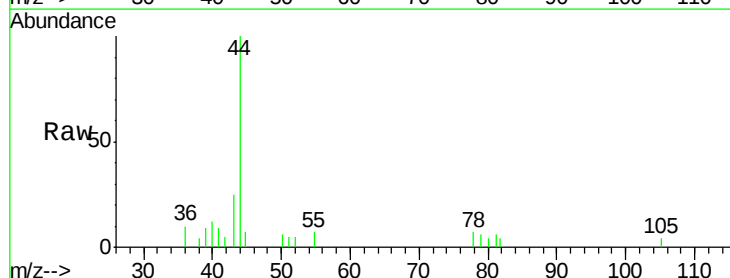
Acq: 03 May 2018 13:53

Tgt Ion: 43 Resp: 565

Ion Ratio Lower Upper

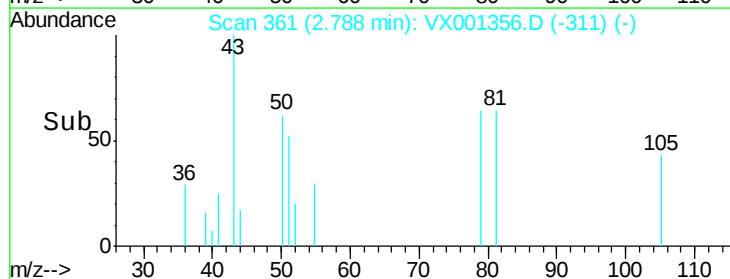
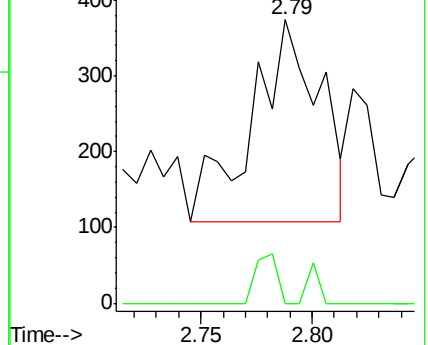
43 100

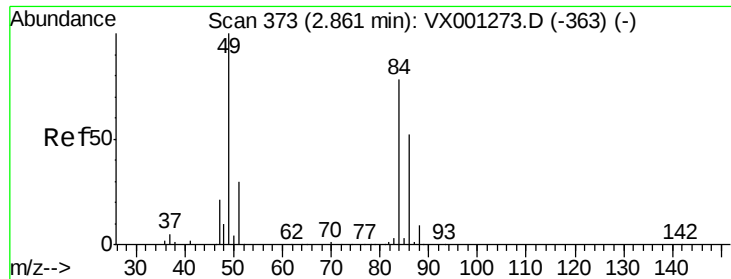
74 7.8 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001356.D

Acq: 03 May 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-WATERREF-5

Tgt Ion: 84 Resp: 534

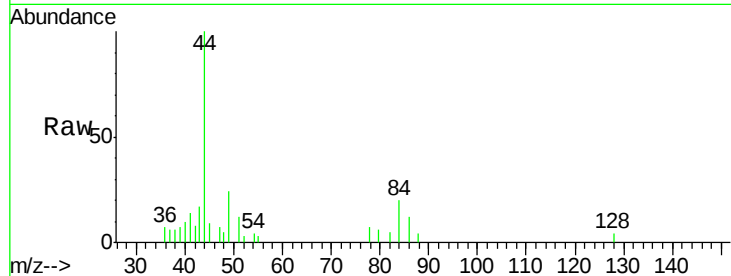
Ion Ratio Lower Upper

84 100

49 119.5 102.8 154.2

51 61.7 30.9 46.3#

86 63.0 53.0 79.4

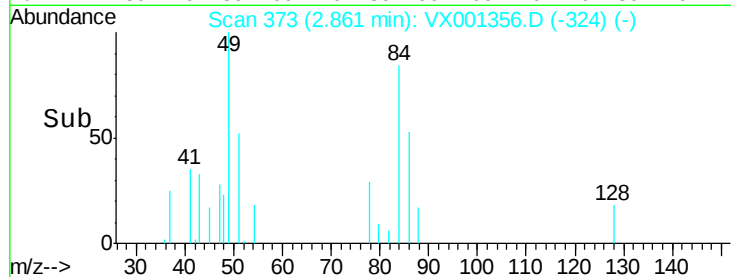
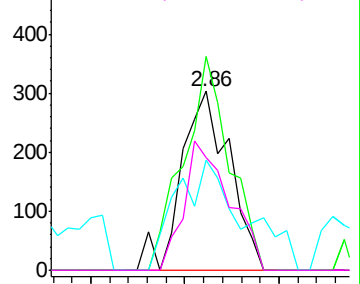


Abundance Ion 83.90 (83.60 to 84.60): VX0

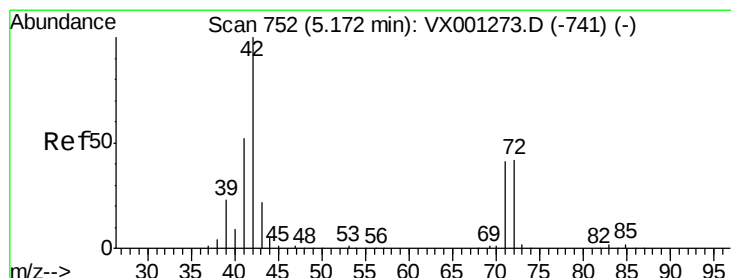
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->



#29

Tetrahydrofuran

Concen: 0.84 ug/l

RT: 5.20 min Scan# 756

Delta R.T. 0.02 min

Lab File: VX001356.D

Acq: 03 May 2018 13:53

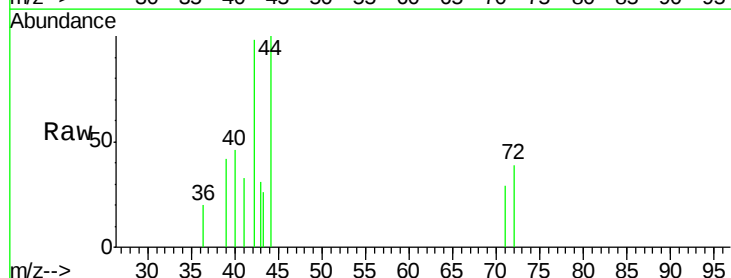
Tgt Ion: 42 Resp: 656

Ion Ratio Lower Upper

42 100

72 16.9 34.6 52.0#

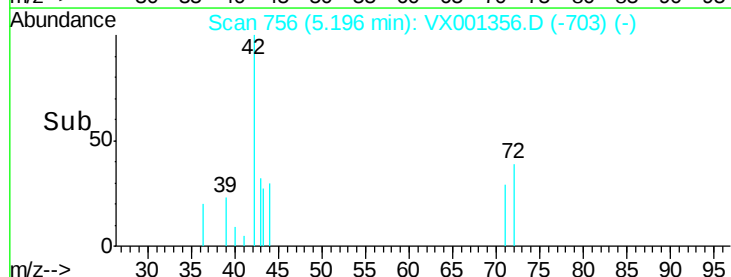
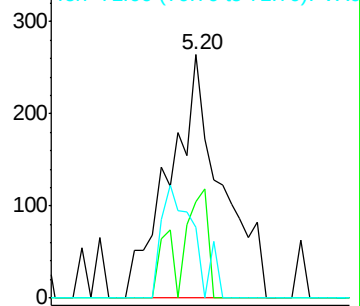
71 0.0 32.7 49.1#



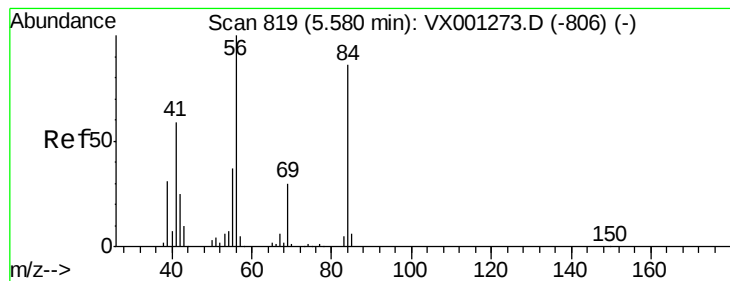
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->



#31

Cyclohexane

Concen: 1.05 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001356.D

Acq: 03 May 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-WATERREF-5

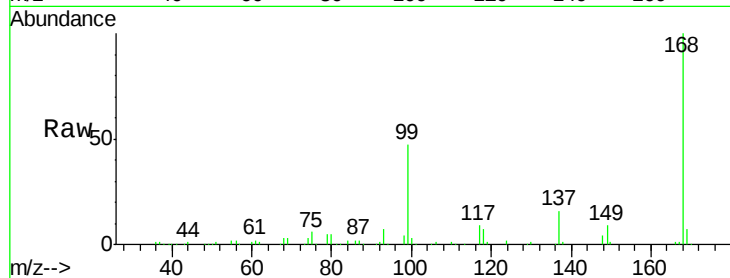
Tgt Ion: 56 Resp: 2853

Ion Ratio Lower Upper

56 100

69 134.3 24.0 36.0#

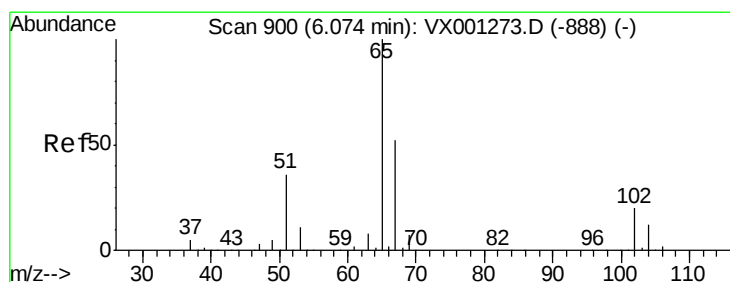
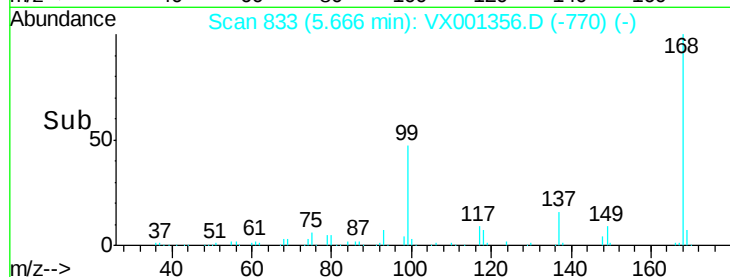
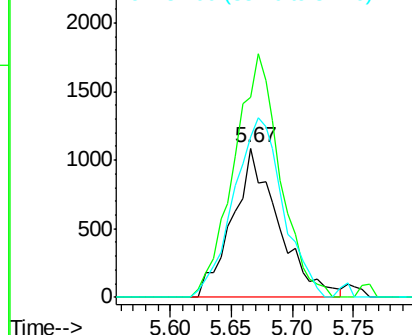
84 107.5 69.0 103.4#



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: 38.42 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001356.D

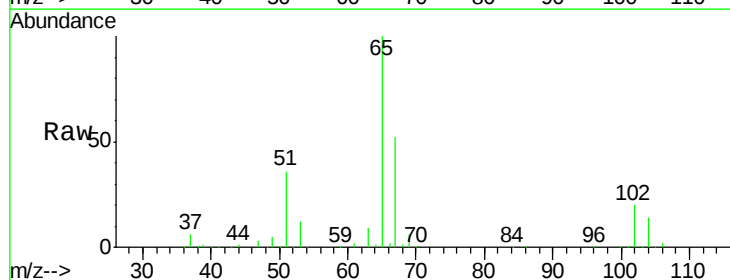
Acq: 03 May 2018 13:53

Tgt Ion: 65 Resp: 84582

Ion Ratio Lower Upper

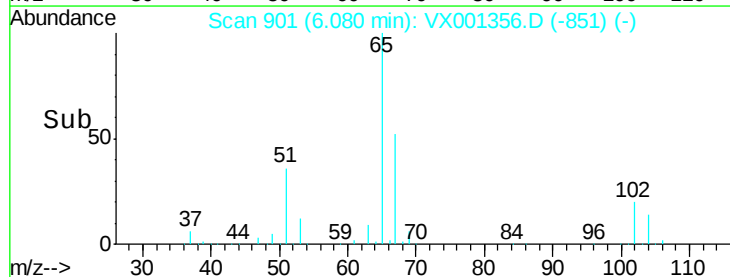
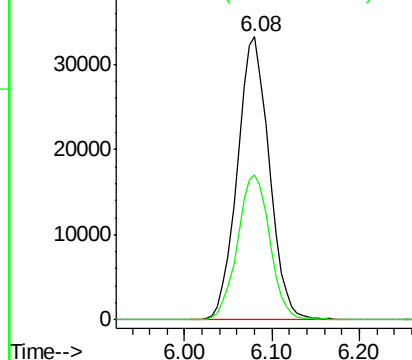
65 100

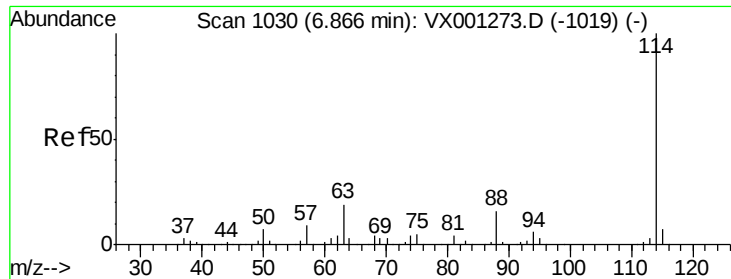
67 52.0 0.0 102.8



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: VX001356.D

Acq: 03 May 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-WATERREF-5

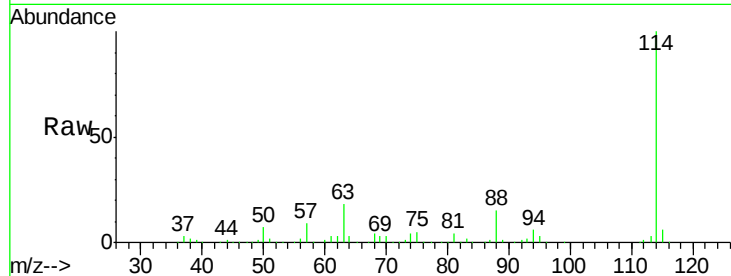
Tgt Ion:114 Resp: 223395

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.8

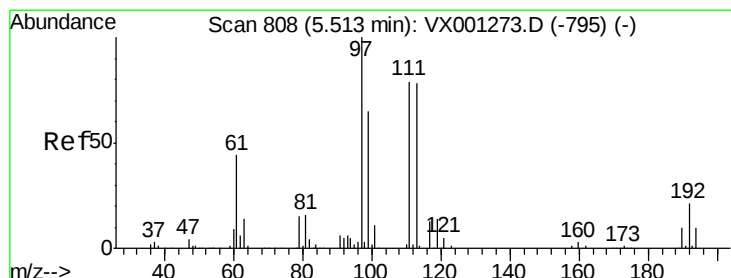
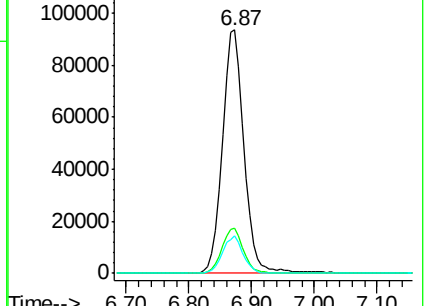
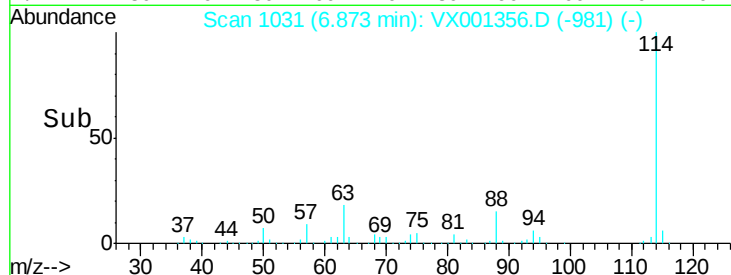
88 15.2 0.0 32.2



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: 36.57 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001356.D

Acq: 03 May 2018 13:53

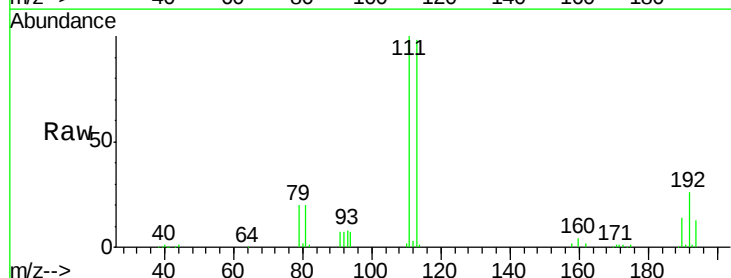
Tgt Ion:113 Resp: 70376

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

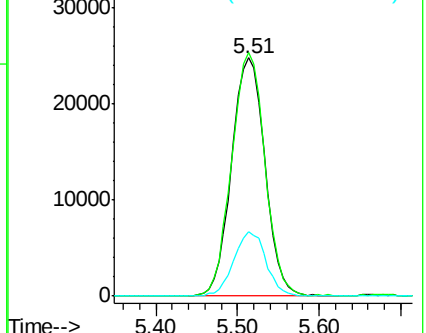
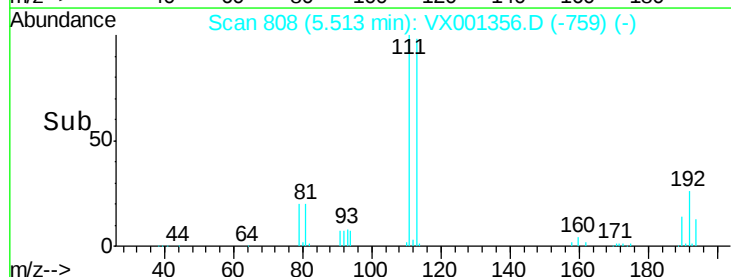
192 26.0 20.7 31.1

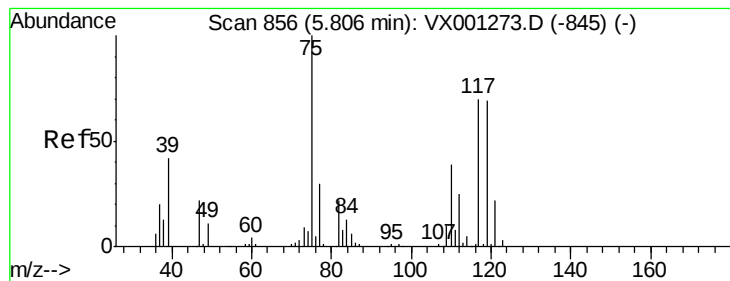


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.77 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001356.D

Acq: 03 May 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-WATERREF-5

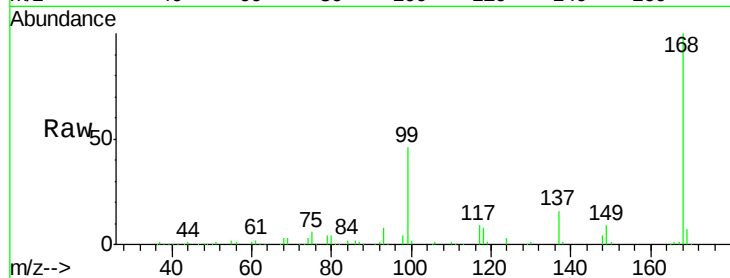
Tgt Ion: 75 Resp: 9730

Ion Ratio Lower Upper

75 100

110 10.1 18.9 56.9#

77 0.0 24.2 36.2#

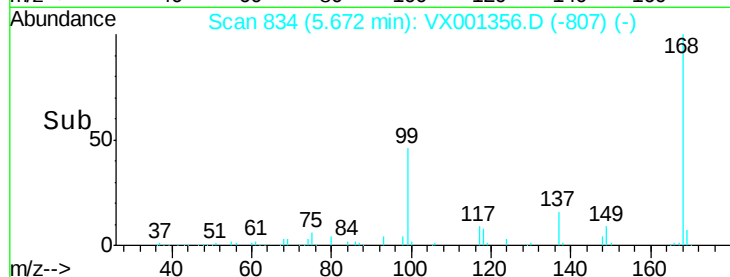


Abundance Ion 74.90 (74.60 to 75.60): VX001273.D (-845) (-)

Ion 109.90 (109.60 to 110.60): VX001273.D (-845) (-)

Ion 76.90 (76.60 to 77.60): VX001273.D (-845) (-)

Time-->

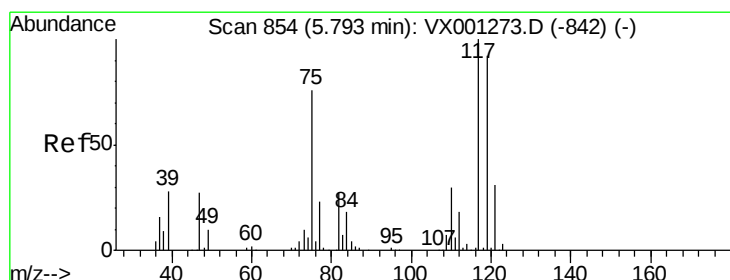


Abundance Ion 74.90 (74.60 to 75.60): VX001356.D (-807) (-)

Ion 109.90 (109.60 to 110.60): VX001356.D (-807) (-)

Ion 76.90 (76.60 to 77.60): VX001356.D (-807) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.01 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001356.D

Acq: 03 May 2018 13:53

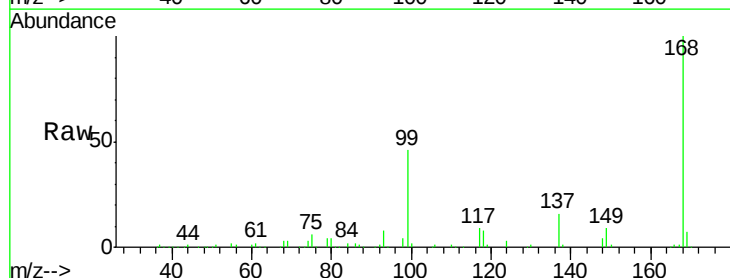
Tgt Ion: 117 Resp: 13538

Ion Ratio Lower Upper

117 100

119 6.4 73.4 110.2#

121 0.0 25.0 37.4#

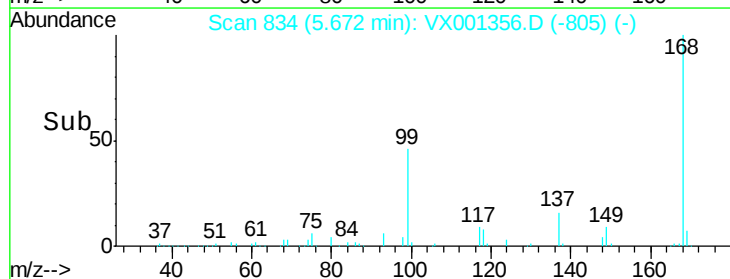


Abundance Ion 116.80 (116.50 to 117.50): VX001273.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX001273.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX001273.D (-842) (-)

Time-->

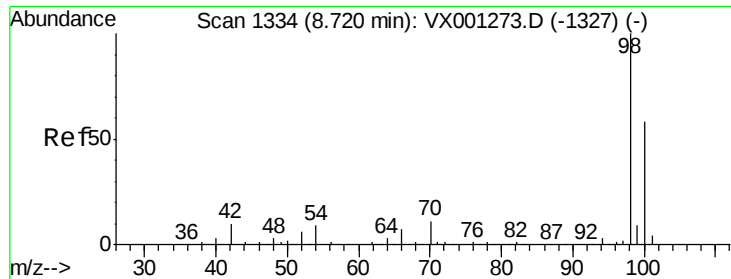


Abundance Ion 116.80 (116.50 to 117.50): VX001356.D (-805) (-)

Ion 118.80 (118.50 to 119.50): VX001356.D (-805) (-)

Ion 120.80 (120.50 to 121.50): VX001356.D (-805) (-)

Time-->



#50

Toluene-d8

Concen: 38.07 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001356.D

Acq: 03 May 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

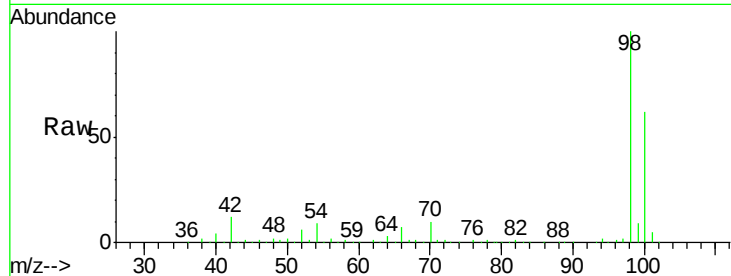
STORAGEBLANK-WATERREF-5

Tgt Ion: 98 Resp: 261730

Ion Ratio Lower Upper

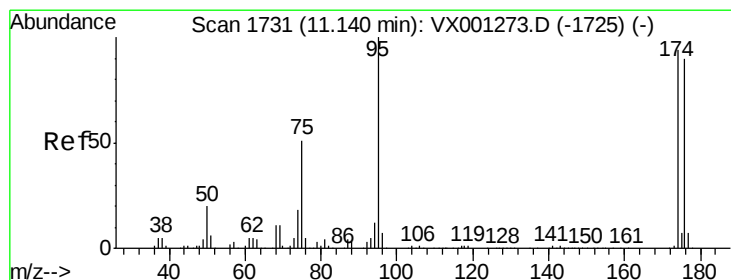
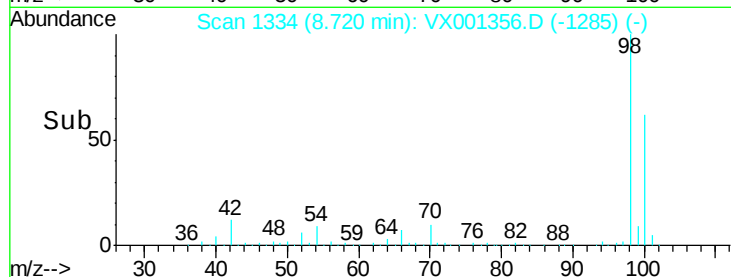
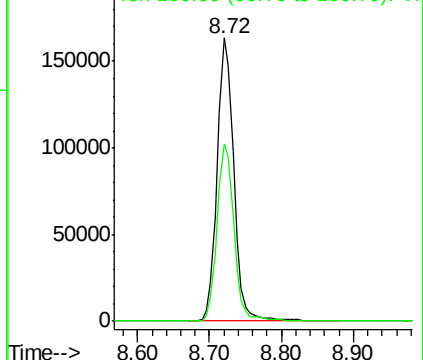
98 100

100 63.6 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: 31.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001356.D

Acq: 03 May 2018 13:53

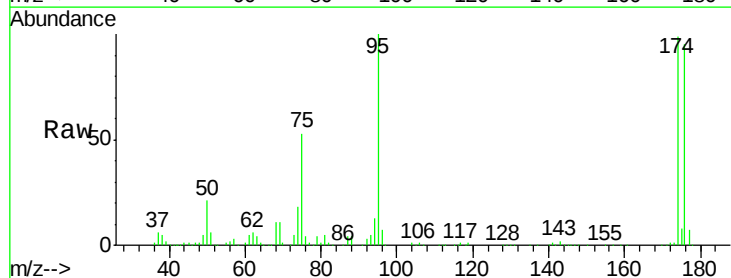
Tgt Ion: 95 Resp: 86624

Ion Ratio Lower Upper

95 100

174 105.1 0.0 201.8

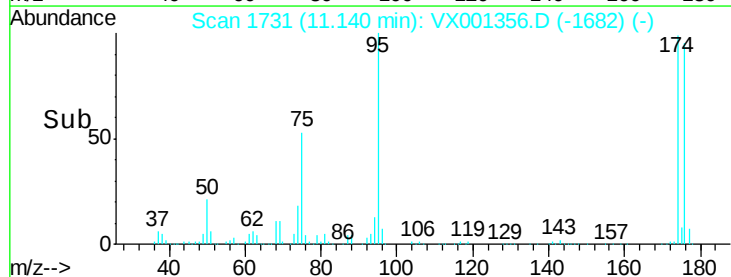
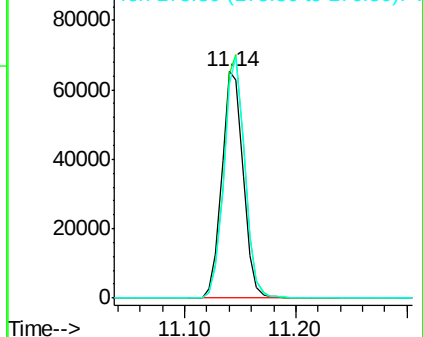
176 103.0 0.0 197.2

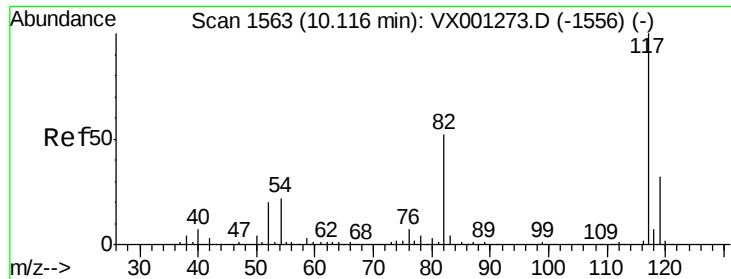


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

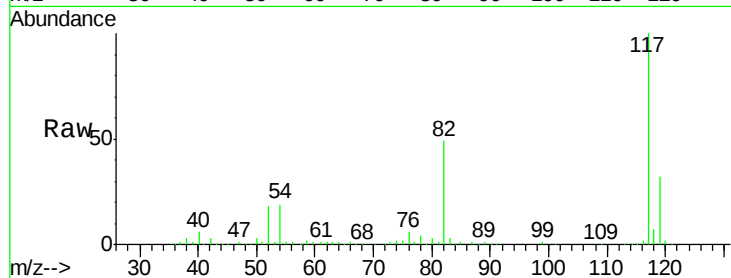




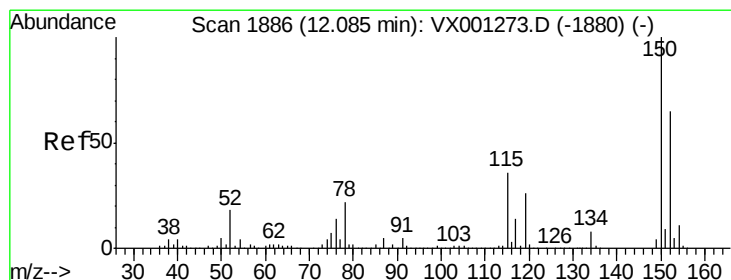
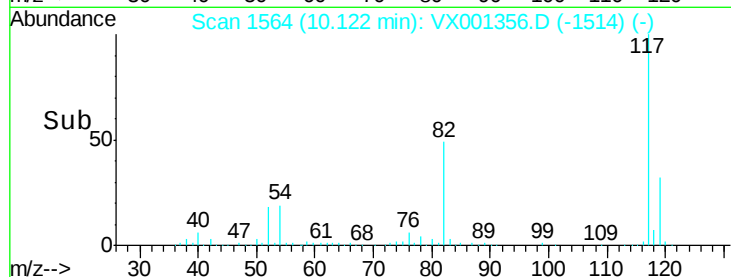
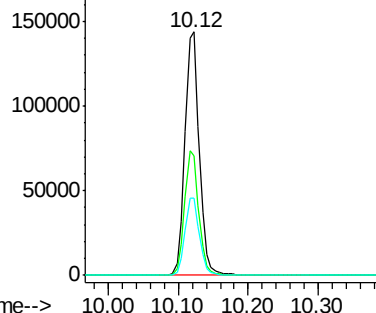
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001356.D
Acq: 03 May 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-WATERREF-5

Tgt Ion:117 Resp: 205563
Ion Ratio Lower Upper
117 100
82 49.1 41.4 62.0
119 31.9 25.5 38.3

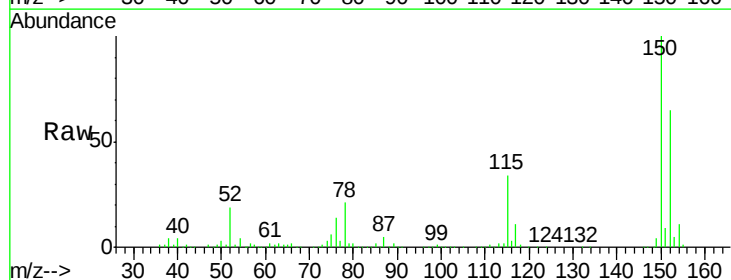


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

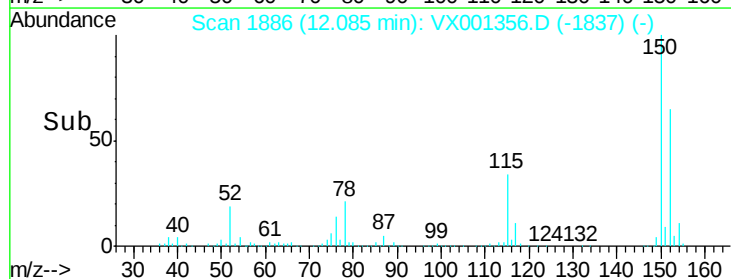
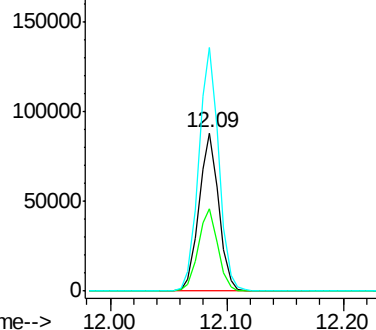


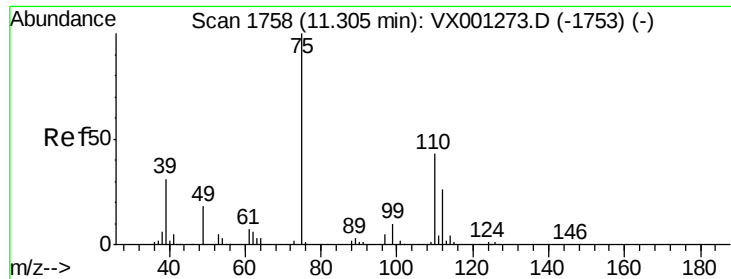
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001356.D
Acq: 03 May 2018 13:53

Tgt Ion:152 Resp: 103227
Ion Ratio Lower Upper
152 100
115 51.8 38.6 115.7
150 155.9 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

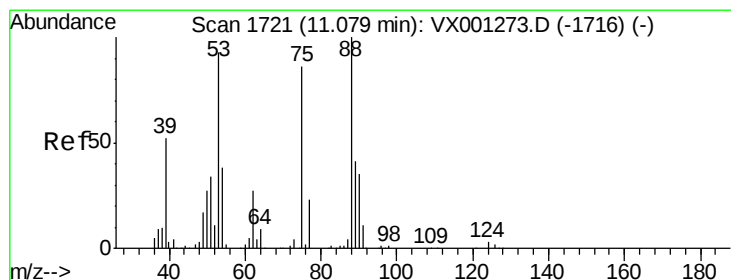
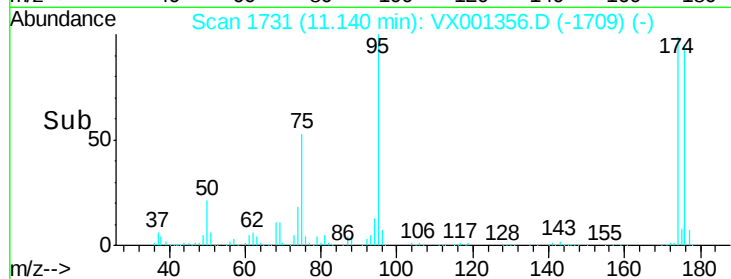
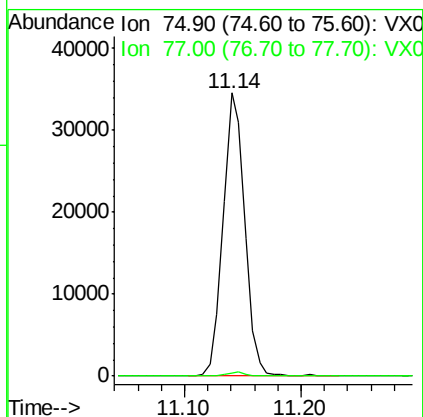
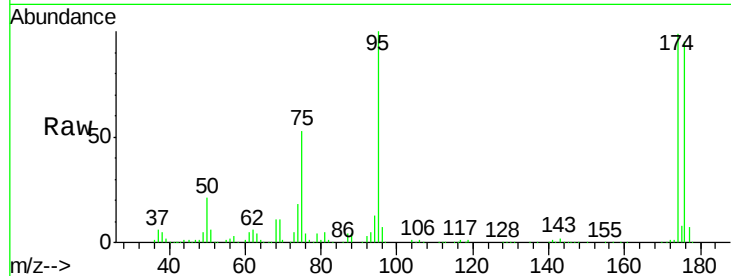




#76
 1,2,3-Trichloropropane
 Concen: 23.29 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001356.D
 Acq: 03 May 2018 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-WATERREF-5

Tgt Ion: 75 Resp: 44452
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.55 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001356.D
 Acq: 03 May 2018 13:53

Tgt Ion: 75 Resp: 44452
 Ion Ratio Lower Upper
 75 100
 53 0.2 87.1 130.7#
 89 0.0 38.9 58.3#

