

Data File : VX001729.D
Acq On : 15 May 2018 00:30
Operator : JC/MD
Sample : J2856-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Quant Time: May 15 05:42:14 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	281499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191746	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176532	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	5.51	113	142961	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
50) Toluene-d8	8.72	98	529067	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
62) 4-Bromofluorobenzene	11.14	95	173534	41.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.60%	

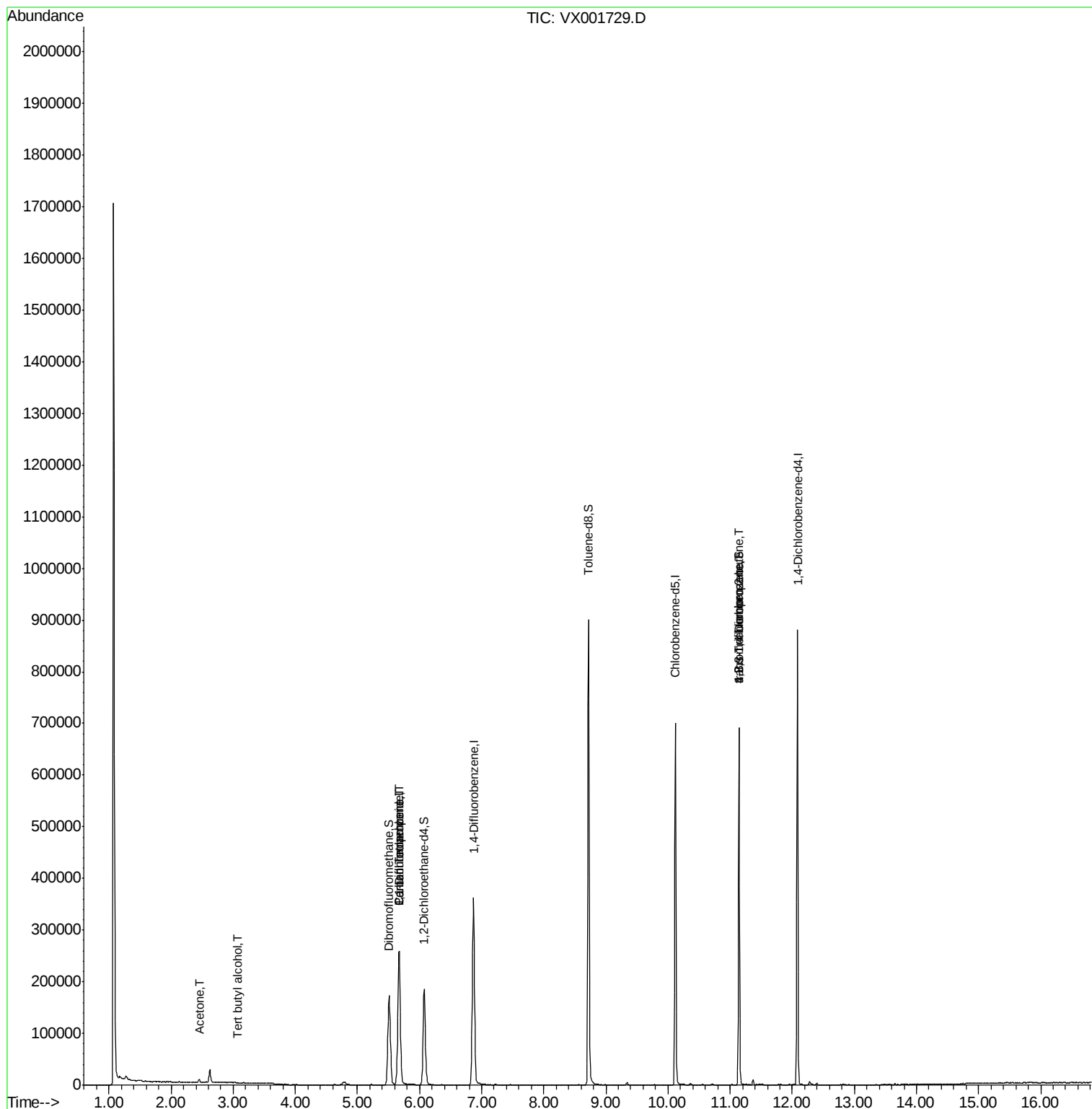
Target Compounds				Qvalue		
5) Bromomethane	1.66	94	528	Below Cal		82
11) Tert butyl alcohol	3.07	59	158	0.24 ug/l	#	72
16) Acetone	2.45	43	7164	4.83 ug/l		96
36) 1,1-Dichloropropene	5.67	75	16767	3.82 ug/l	#	50
38) Carbon Tetrachloride	5.67	117	23326	5.07 ug/l	#	17
76) 1,2,3-Trichloropropane	11.14	75	82251	22.56 ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	82251	66.09 ug/l	#	10

(#) = 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: VX001729.D

Acq: 15 May 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

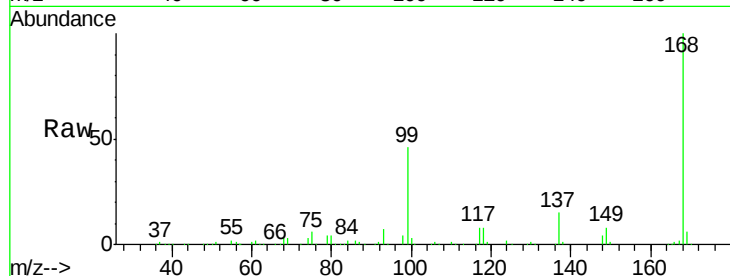
MW-01

Tgt Ion:168 Resp: 281499

Ion Ratio Lower Upper

168 100

99 46.3 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

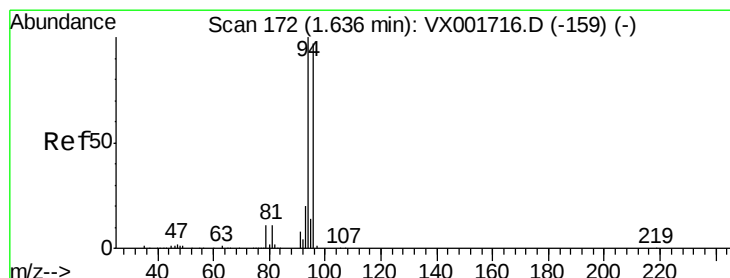
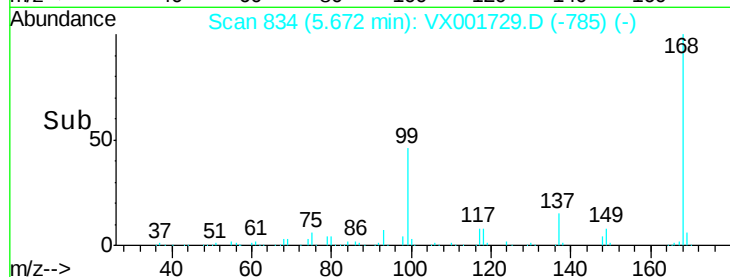
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001729.D

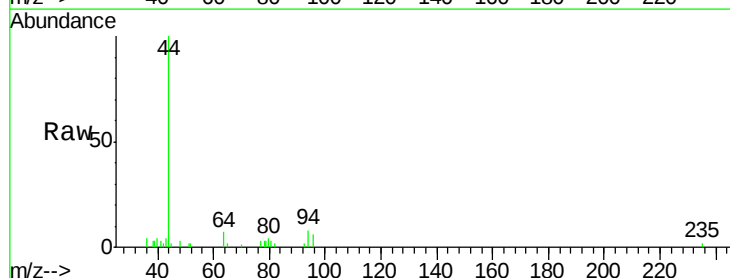
Acq: 15 May 2018 00:30

Tgt Ion: 94 Resp: 528

Ion Ratio Lower Upper

94 100

96 79.1 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

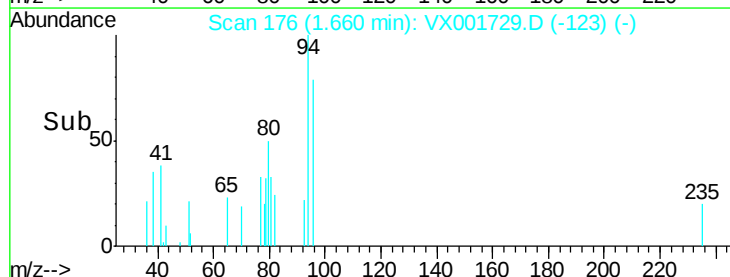
300

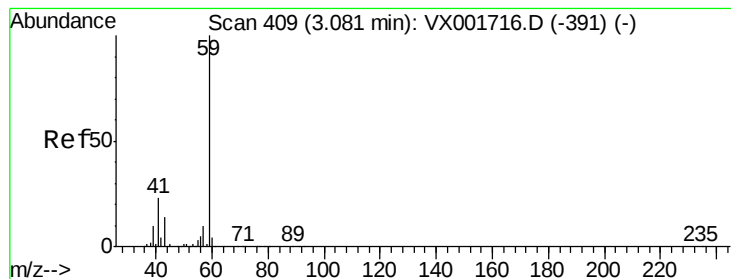
200

100

0

Time--> 1.60 1.65 1.70 1.75





#11

Tert butyl alcohol

Concen: 0.24 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX001729.D

Acq: 15 May 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

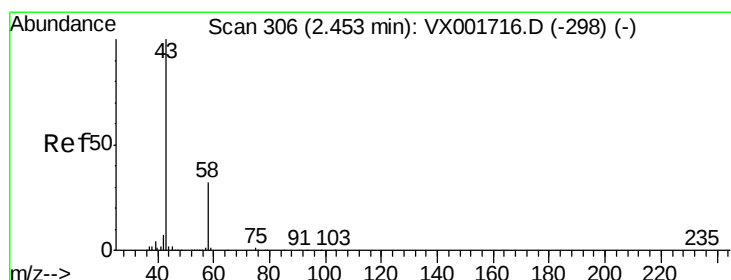
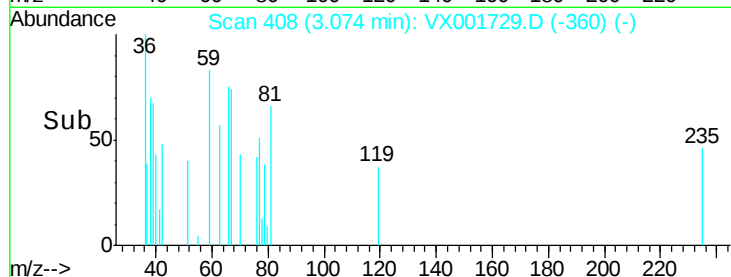
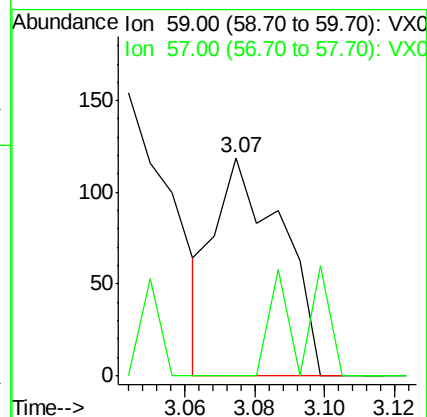
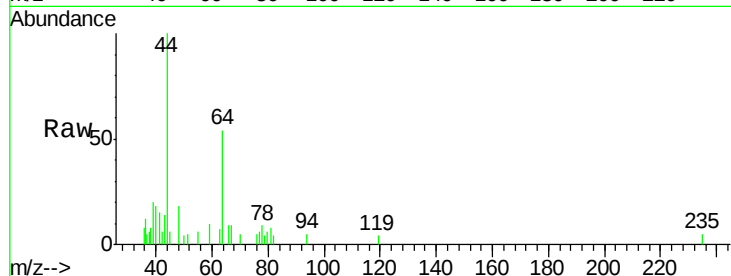
MW-01

Tgt Ion: 59 Resp: 158

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 4.83 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001729.D

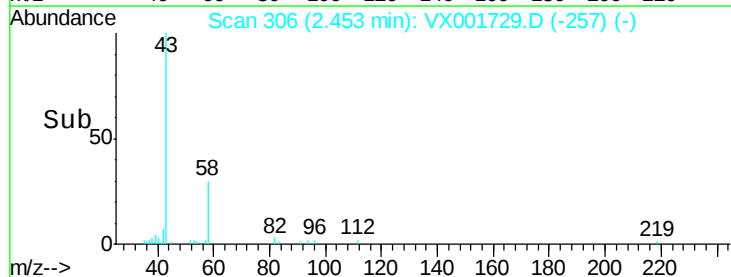
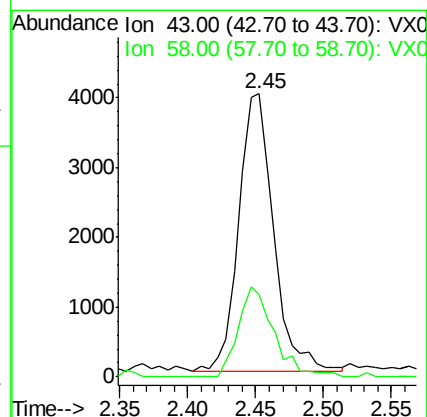
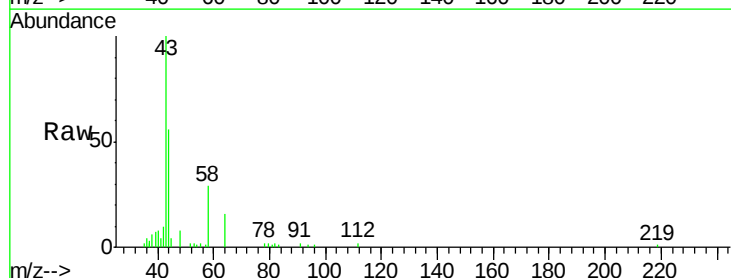
Acq: 15 May 2018 00:30

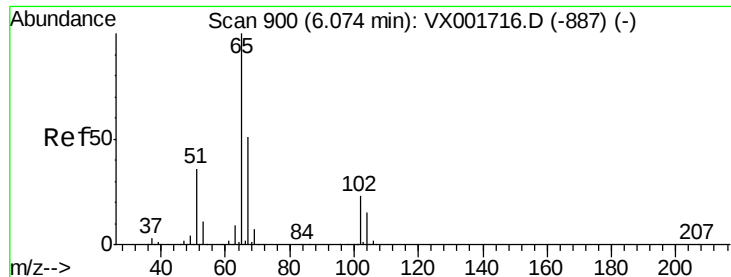
Tgt Ion: 43 Resp: 7164

Ion Ratio Lower Upper

43 100

58 29.6 25.3 37.9





#33

1,2-Dichloroethane-d4

Concen: 46.79 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001729.D

Acq: 15 May 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

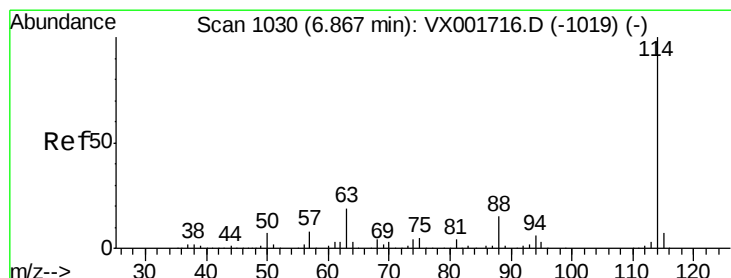
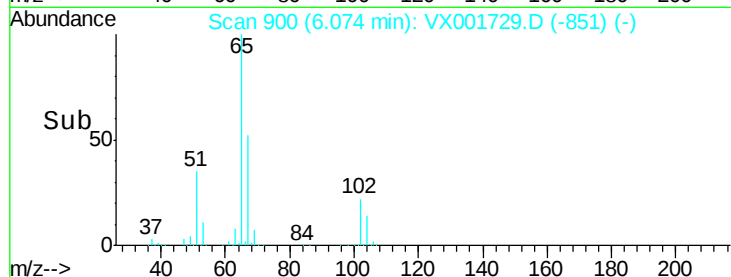
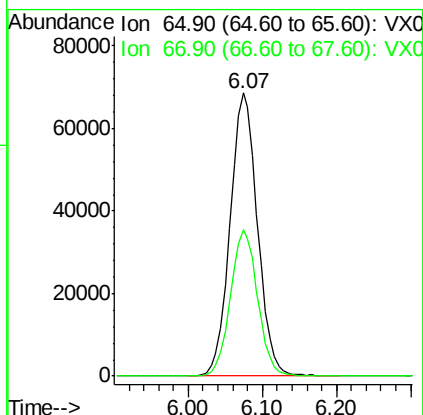
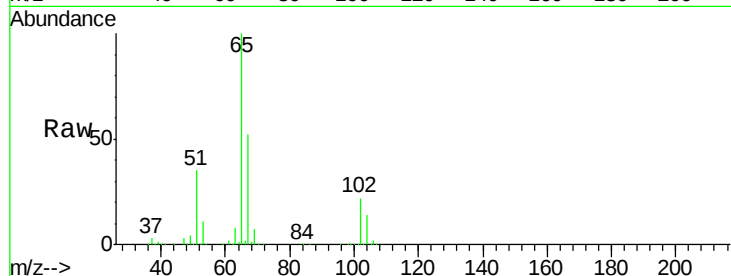
MW-01

Tgt Ion: 65 Resp: 176532

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001729.D

Acq: 15 May 2018 00:30

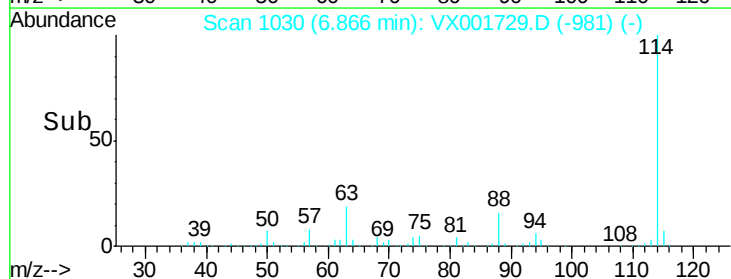
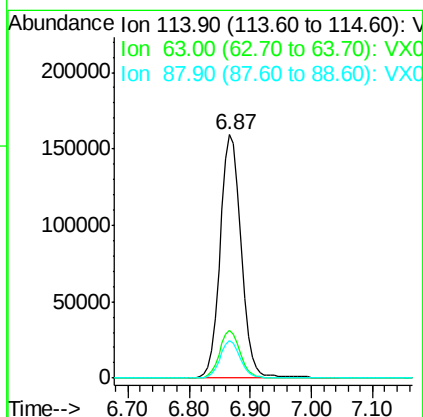
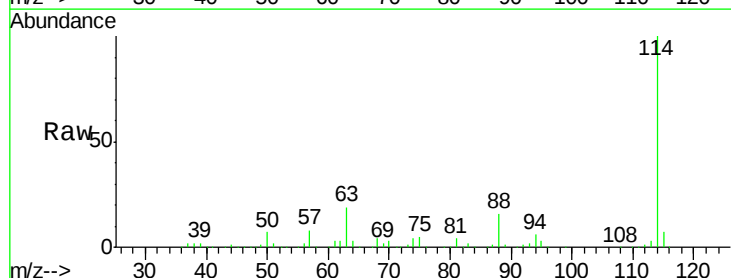
Tgt Ion: 114 Resp: 381499

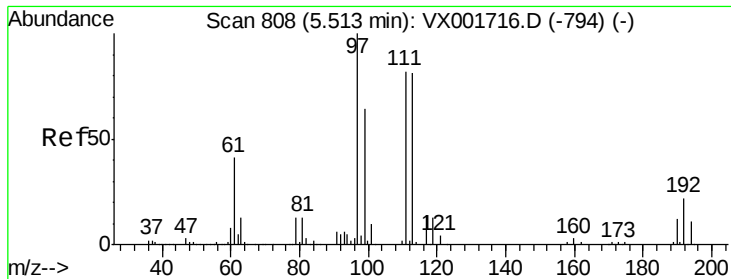
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.0

88 15.6 0.0 29.8

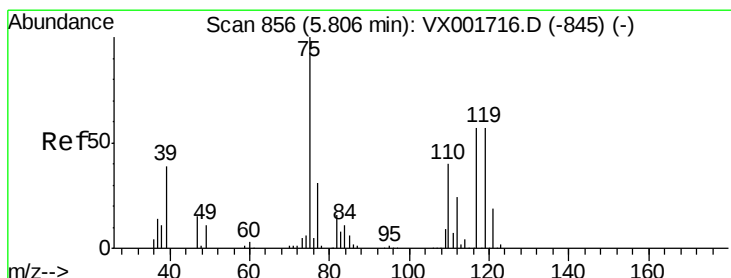
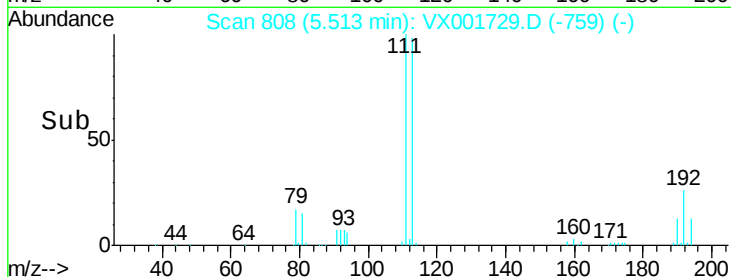
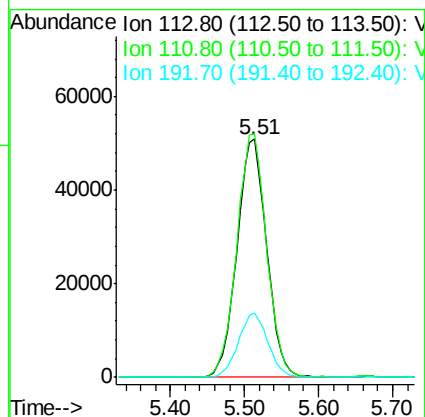
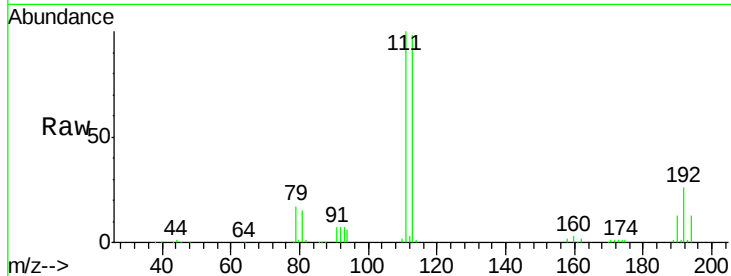




#35
 Dibromofluoromethane
 Concen: 44.40 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001729.D
 Acq: 15 May 2018 00:30

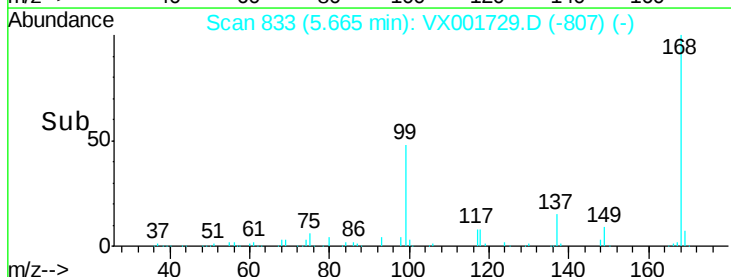
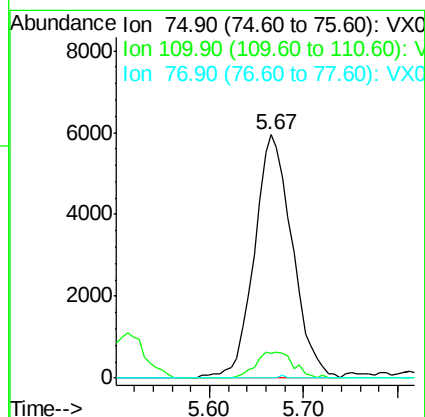
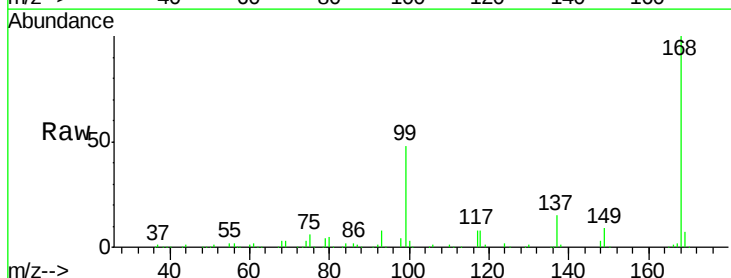
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

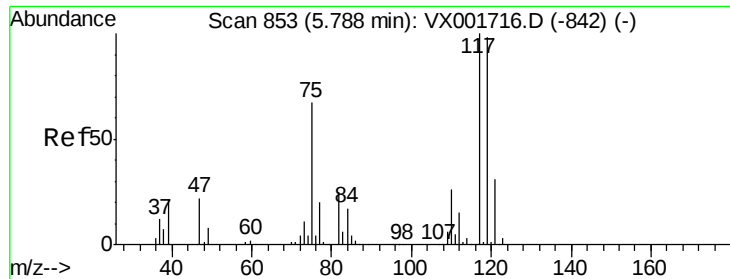
Tgt Ion:113 Resp: 142961
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 26.9 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 3.82 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001729.D
 Acq: 15 May 2018 00:30

Tgt Ion: 75 Resp: 16767
 Ion Ratio Lower Upper
 75 100
 110 10.8 19.1 57.1#
 77 0.1 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.07 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001729.D

Acq: 15 May 2018 00:30

Instrument :

MSVOA_X

ClientSampled :

MW-01

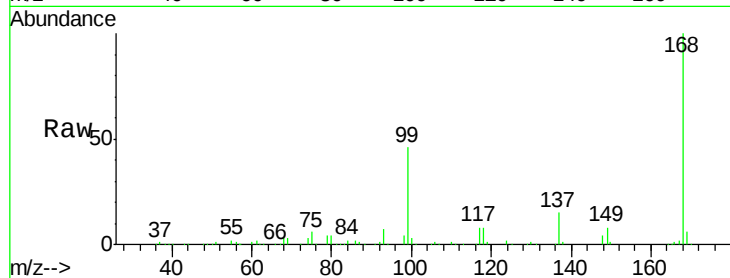
Tgt Ion: 117 Resp: 23326

Ion Ratio Lower Upper

117 100

119 7.6 77.6 116.4#

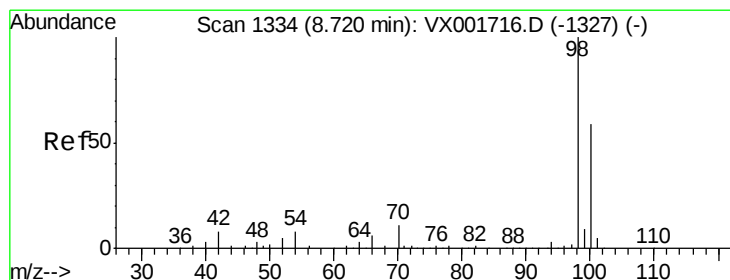
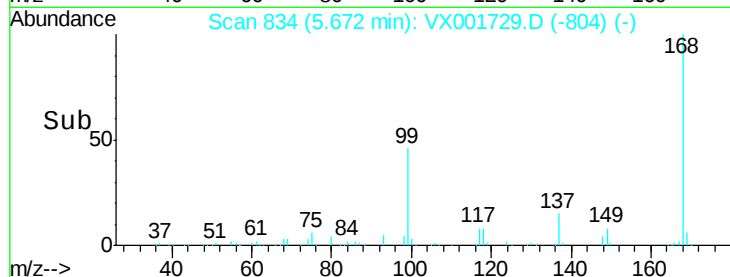
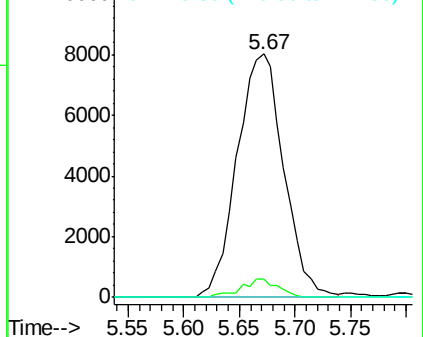
121 0.0 24.6 36.8#



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: 45.88 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001729.D

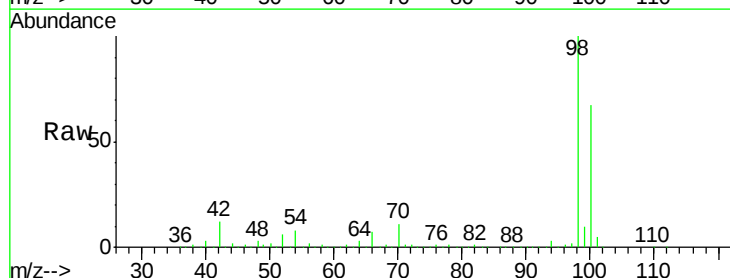
Acq: 15 May 2018 00:30

Tgt Ion: 98 Resp: 529067

Ion Ratio Lower Upper

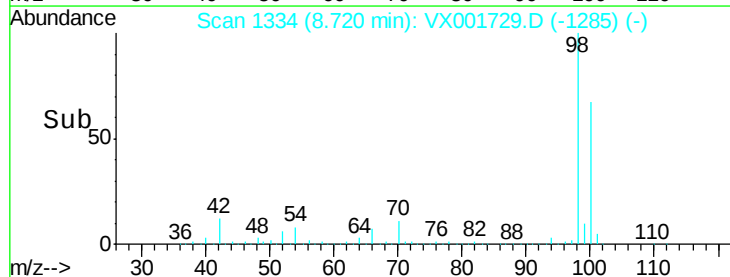
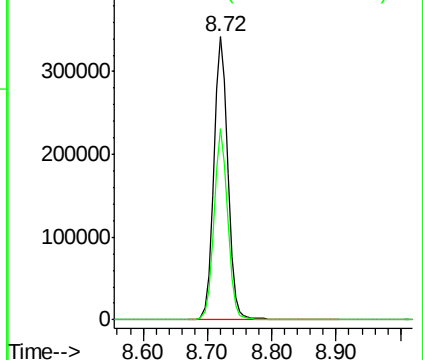
98 100

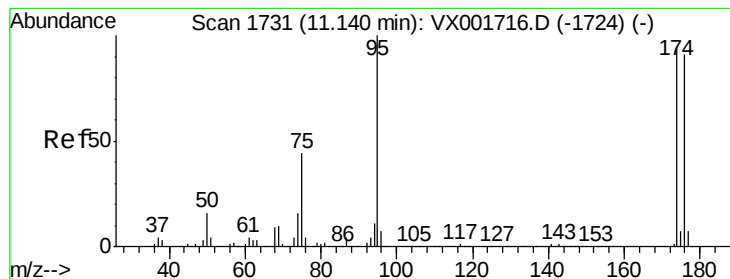
100 65.8 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001729.D

Acq: 15 May 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

MW-01

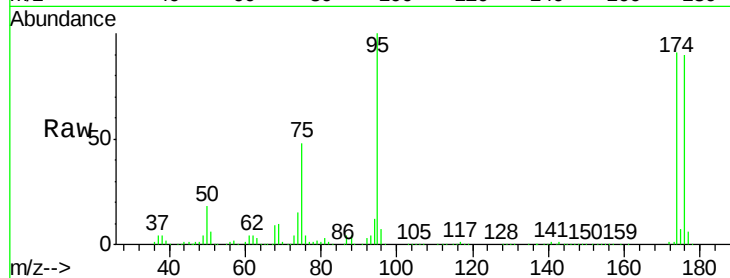
Tgt Ion: 95 Resp: 173534

Ion Ratio Lower Upper

95 100

174 101.0 0.0 201.8

176 99.0 0.0 196.8

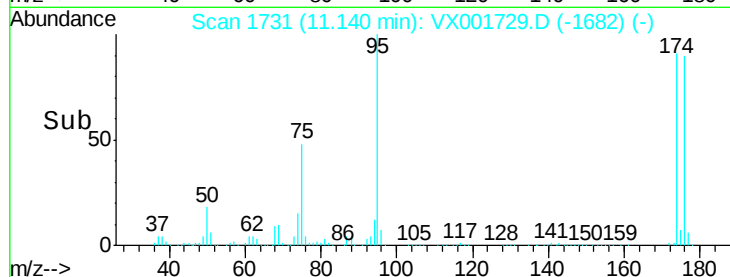


Abundance Ion 94.90 (94.60 to 95.60): VX001716.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001716.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001716.D (-1724) (-)

Time-->

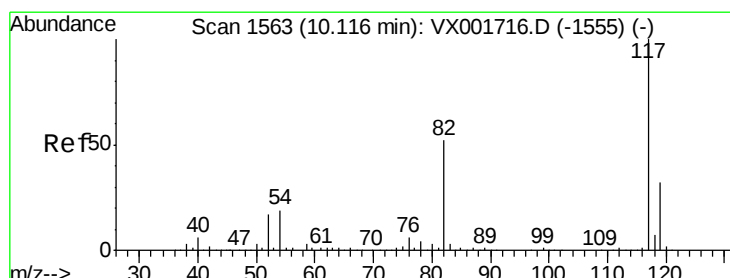


Abundance Ion 94.90 (94.60 to 95.60): VX001729.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001729.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001729.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001729.D

Acq: 15 May 2018 00:30

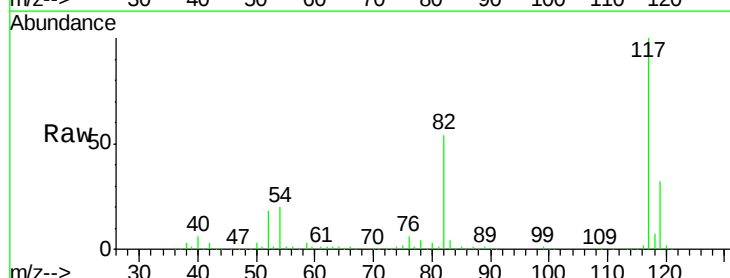
Tgt Ion: 117 Resp: 335578

Ion Ratio Lower Upper

117 100

82 53.5 41.4 62.2

119 31.9 25.6 38.4

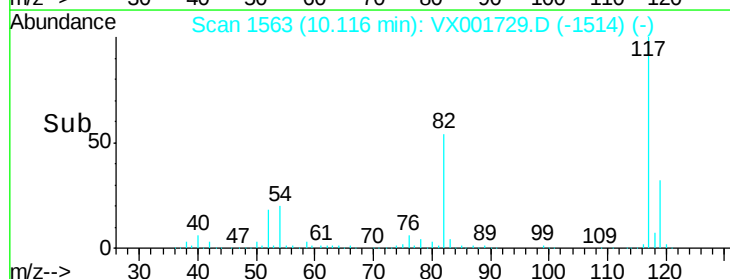


Abundance Ion 116.90 (116.60 to 117.60): VX001716.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001716.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001716.D (-1555) (-)

Time-->

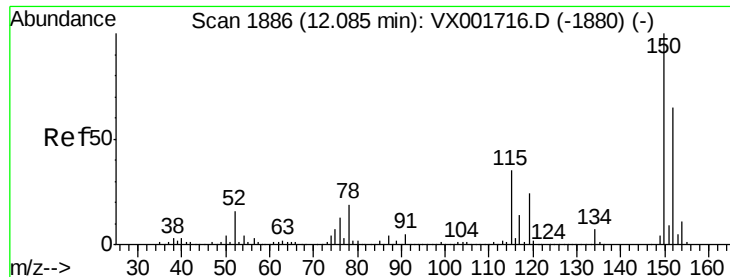


Abundance Ion 116.90 (116.60 to 117.60): VX001729.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001729.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001729.D (-1514) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001729.D

Acq: 15 May 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

MW-01

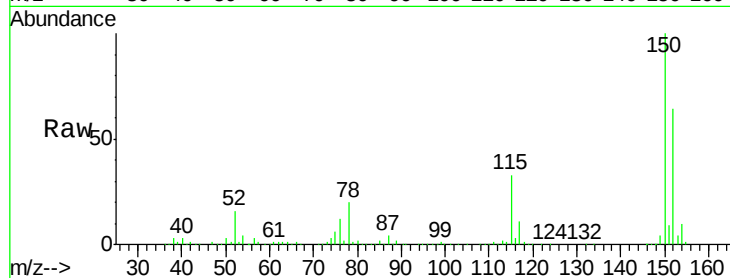
Tgt Ion:152 Resp: 191746

Ion Ratio Lower Upper

152 100

115 52.5 37.4 112.2

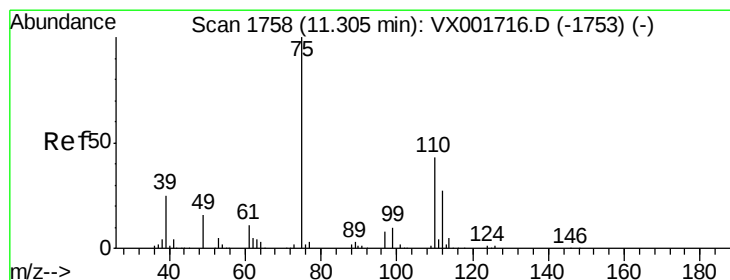
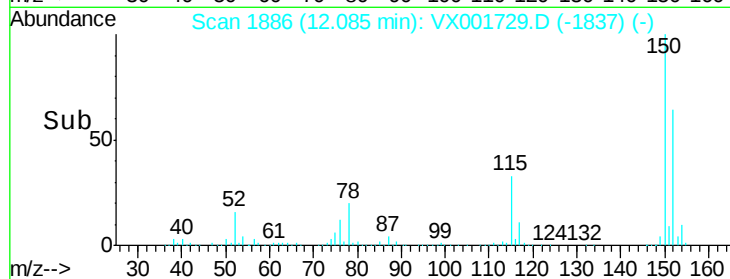
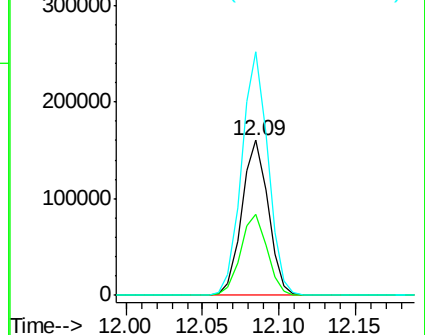
150 156.0 0.0 344.8



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: 22.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001729.D

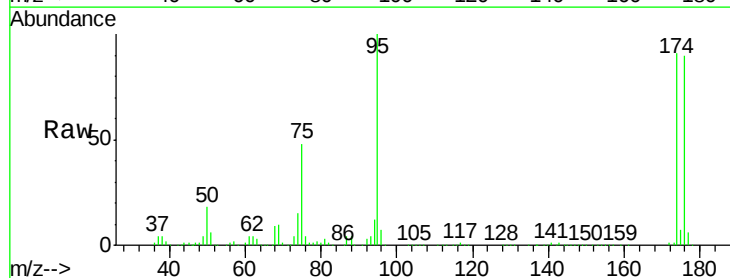
Acq: 15 May 2018 00:30

Tgt Ion: 75 Resp: 82251

Ion Ratio Lower Upper

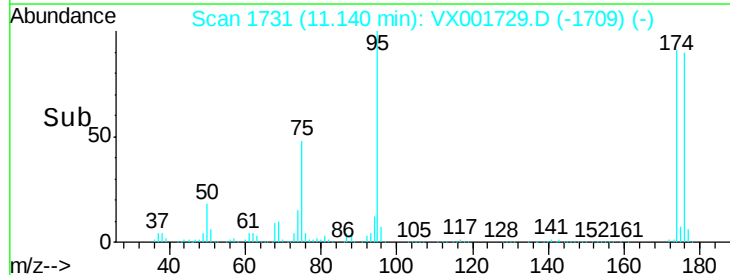
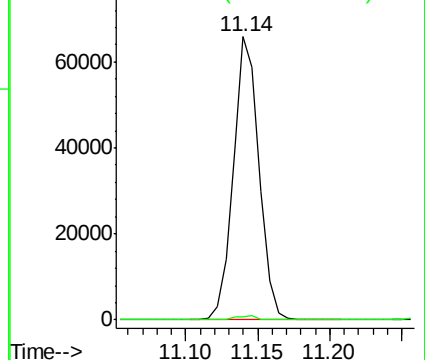
75 100

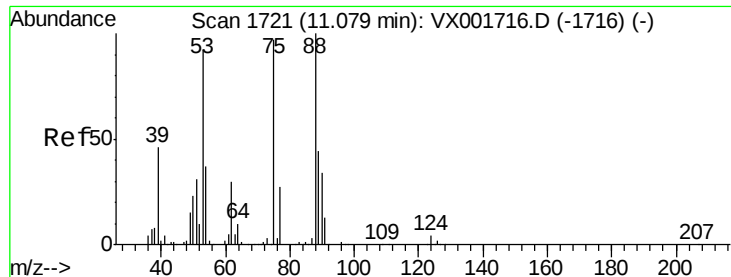
77 1.3 18.9 56.7#



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: 66.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001729.D

Acq: 15 May 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

MW-01

Tgt Ion: 75 Resp: 82251

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.2#

89 0.1 38.8 58.2#

