

Data File : VX001660.D
Acq On : 12 May 2018 12:08
Operator : JC/MD
Sample : VX0512WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

Quant Time: May 14 05:56:16 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	383658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	234909	57.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.62%	
35) Dibromofluoromethane	5.51	113	188883	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
50) Toluene-d8	8.72	98	666229	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
62) 4-Bromofluorobenzene	11.14	95	204564	42.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.56%	

Target Compounds			Qvalue			
5) Bromomethane	1.62	94	241	Below Cal	#	57
10) Methyl Iodide	2.53	142	1674	0.34	ug/l	97
11) Tert butyl alcohol	3.03	59	785	0.91	ug/l	# 72
13) Acrolein	2.31	56	35	Below Cal	#	1
15) Acrylonitrile	3.15	53	404	0.21	ug/l	# 77
16) Acetone	2.45	43	899	0.48	ug/l	# 88
29) Tetrahydrofuran	5.18	42	503	0.29	ug/l	95
31) Cyclohexane	5.66	56	4912	0.93	ug/l	# 20
36) 1,1-Dichloropropene	5.67	75	17530	3.59	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	24163	4.64	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.72	43	2862	0.52	ug/l	# 1
54) cis-1,3-Dichloropropene	9.05	75	100	2.28	ug/l	# 25
76) 1,2,3-Trichloropropane	11.14	75	99737	31.38	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.14	75	99737	95.76	ug/l	# 7

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

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Sample : VX0512WBL01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBL01

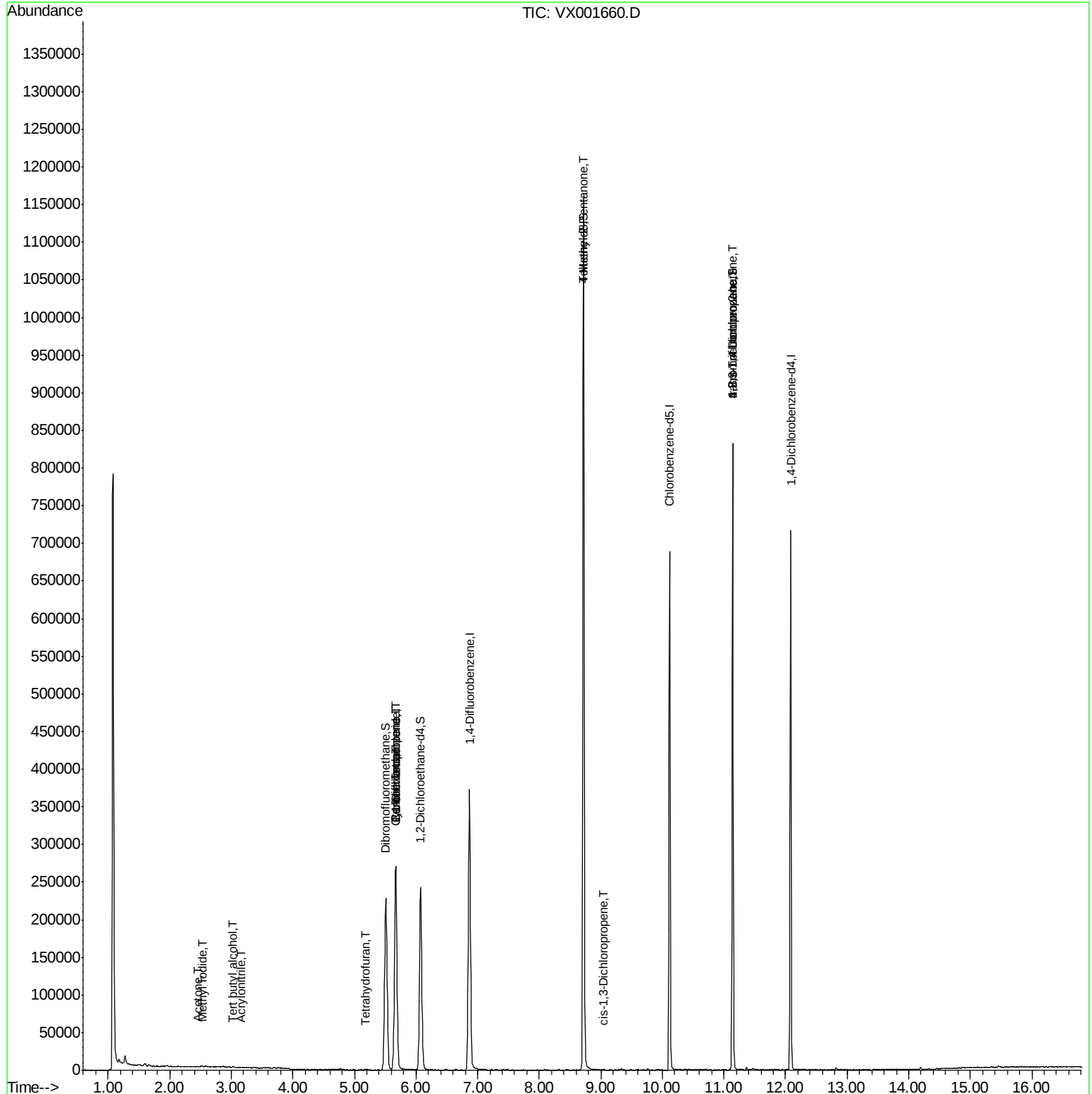
Quant Time: May 14 05:56:16 2018

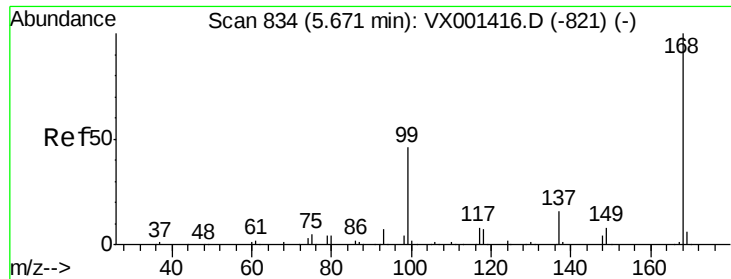
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 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: VX001660.D

Acq: 12 May 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

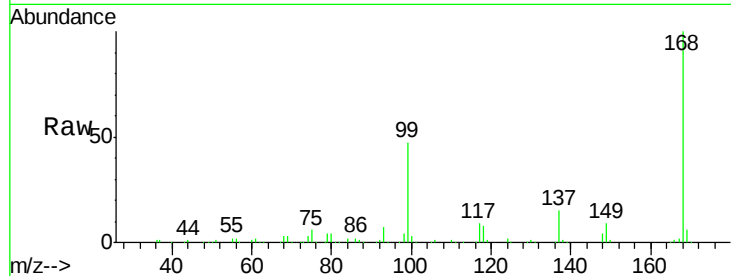
VX0512WBL01

Tgt Ion:168 Resp: 285190

Ion Ratio Lower Upper

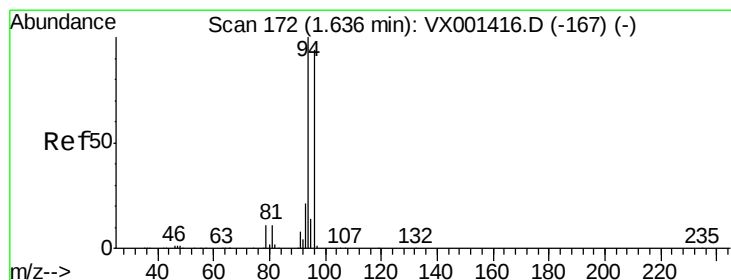
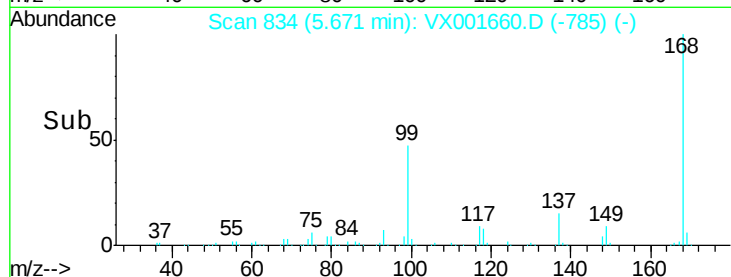
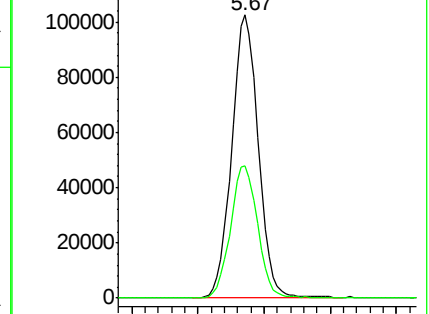
168 100

99 46.6 36.6 54.8



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: 1.62 min Scan# 169

Delta R.T. -0.02 min

Lab File: VX001660.D

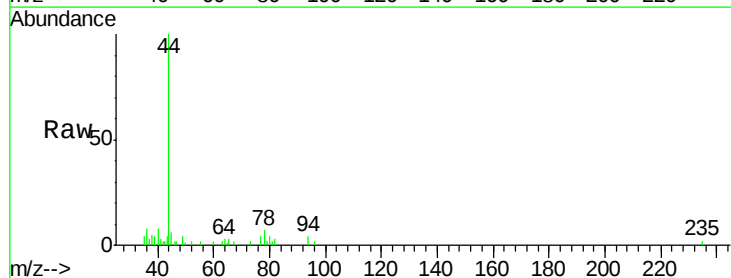
Acq: 12 May 2018 12:08

Tgt Ion: 94 Resp: 241

Ion Ratio Lower Upper

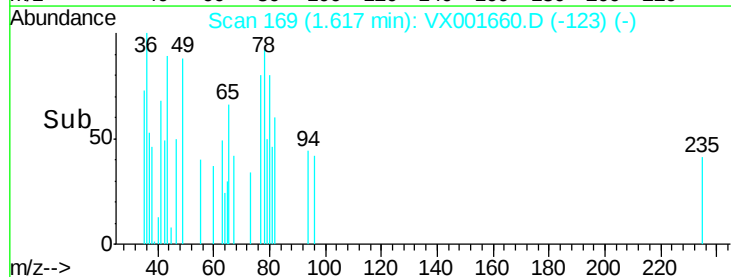
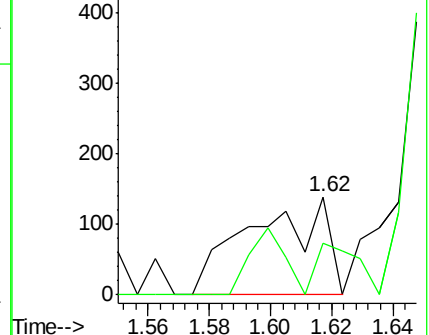
94 100

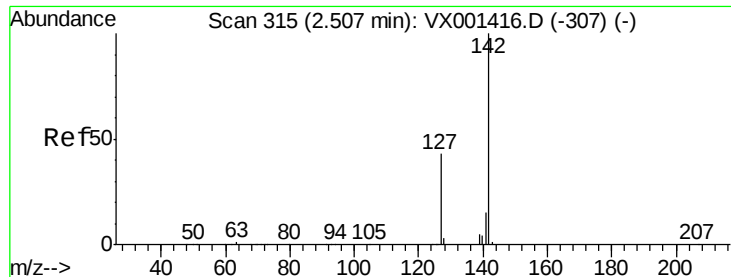
96 52.5 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

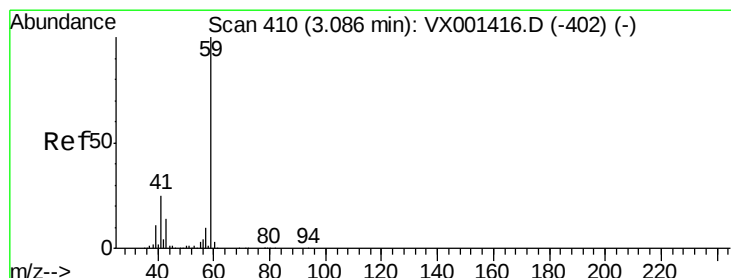
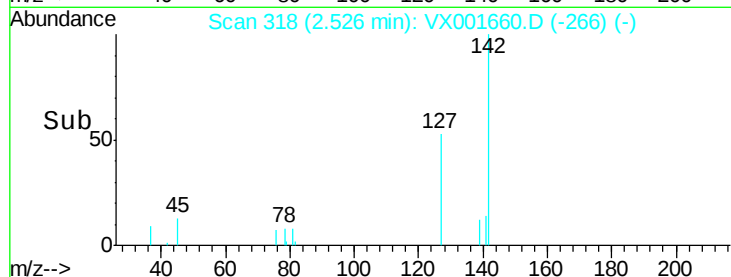
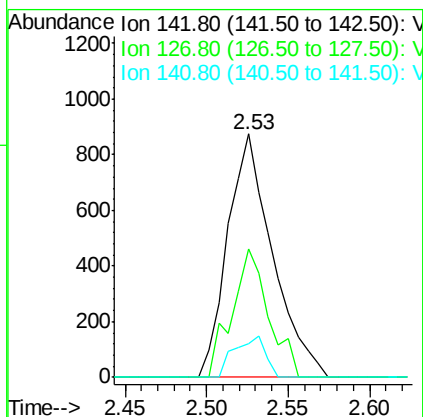
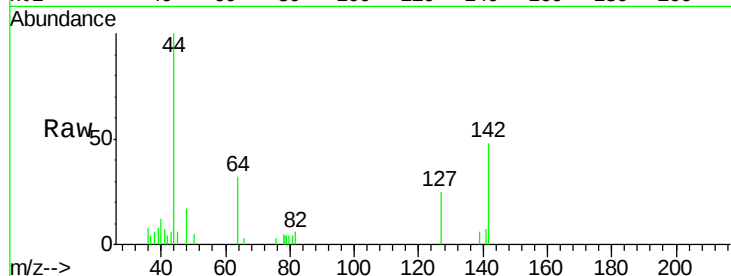




#10
Methyl Iodide
Concen: 0.34 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX001660.D
Acq: 12 May 2018 12:08

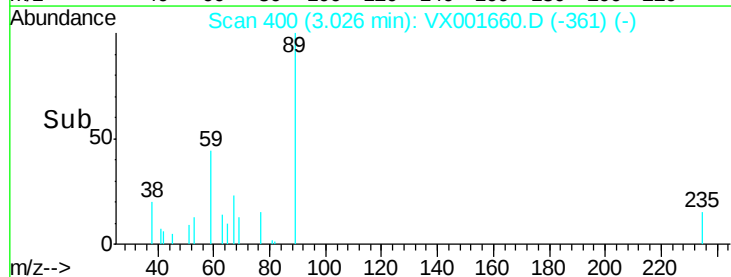
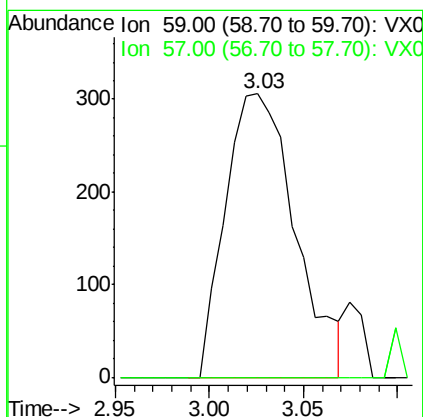
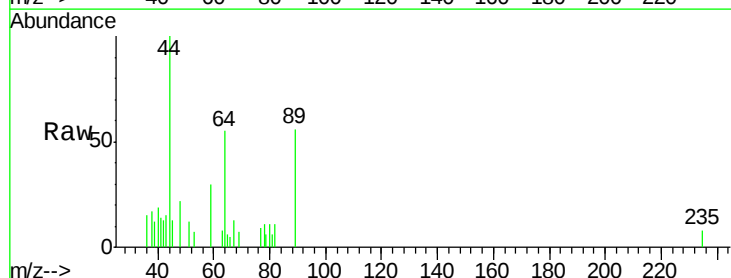
Instrument :
MSVOA_X
ClientSampled :
VX0512WBL01

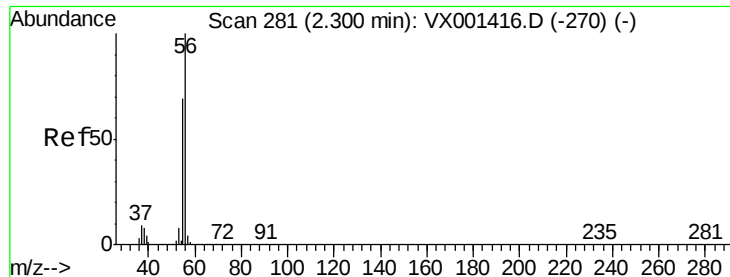
Tgt Ion: 142 Resp: 1674
Ion Ratio Lower Upper
142 100
127 43.1 33.6 50.4
141 11.9 11.4 17.2



#11
Tert butyl alcohol
Concen: 0.91 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX001660.D
Acq: 12 May 2018 12:08

Tgt Ion: 59 Resp: 785
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX001660.D

Acq: 12 May 2018 12:08

Instrument :

MSVOA_X

ClientSampled :

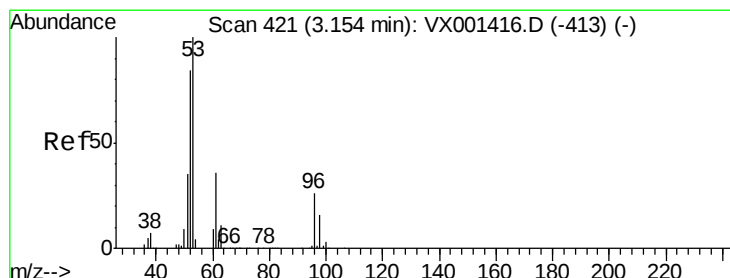
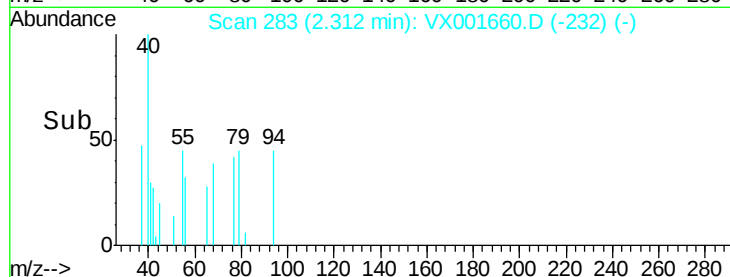
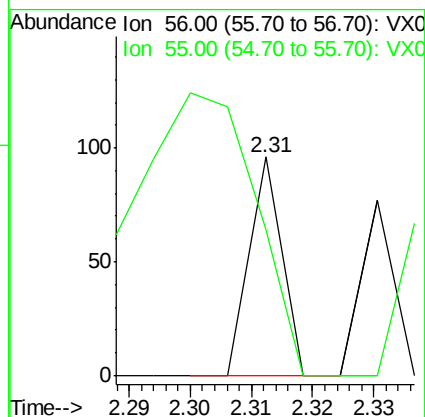
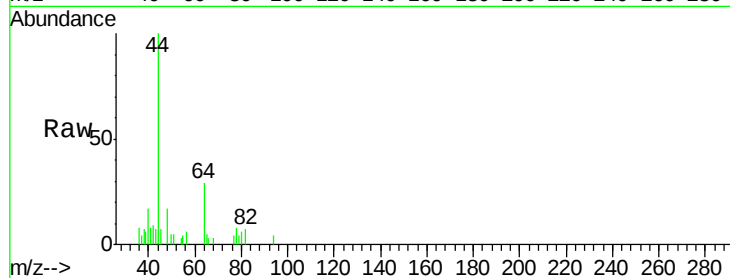
VX0512WBL01

Tgt Ion: 56 Resp: 35

Ion Ratio Lower Upper

56 100

55 585.7 54.5 81.7#



#15

Acrylonitrile

Concen: 0.21 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001660.D

Acq: 12 May 2018 12:08

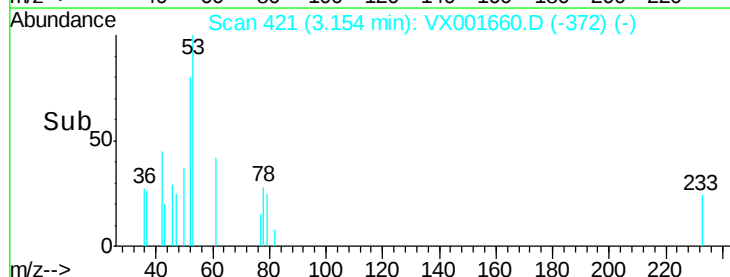
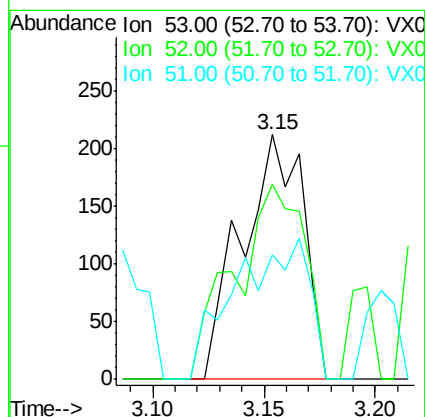
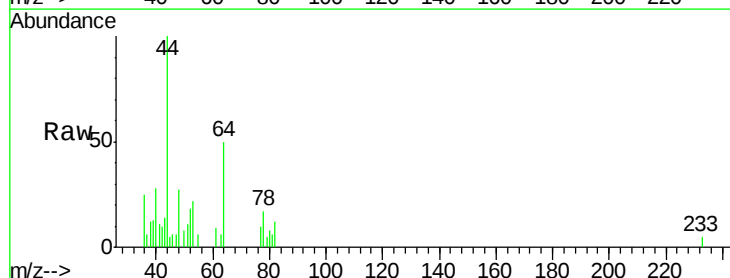
Tgt Ion: 53 Resp: 404

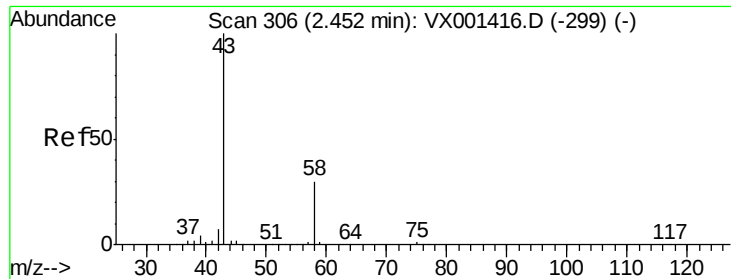
Ion Ratio Lower Upper

53 100

52 90.8 66.2 99.2

51 69.1 28.6 43.0#





#16

Acetone

Concen: 0.48 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001660.D

Acq: 12 May 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

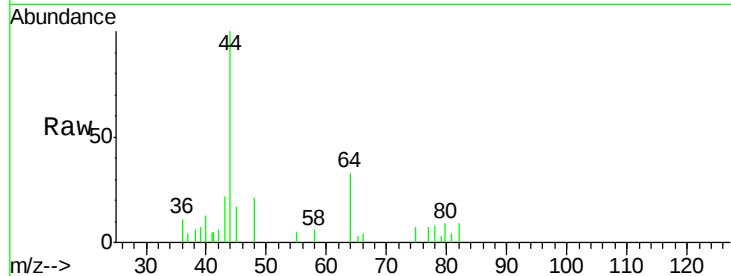
VX0512WBL01

Tgt Ion: 43 Resp: 899

Ion Ratio Lower Upper

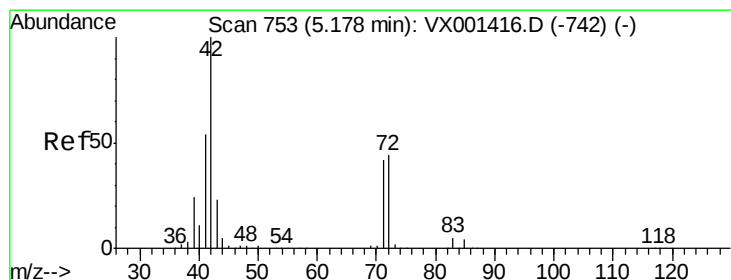
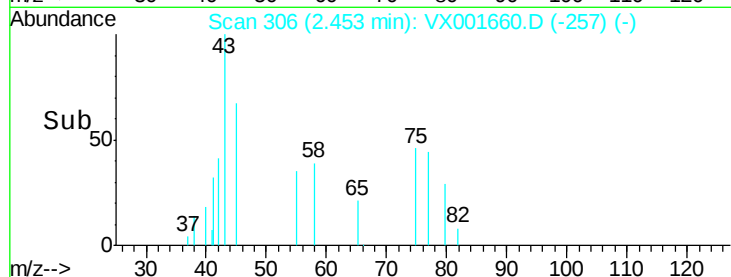
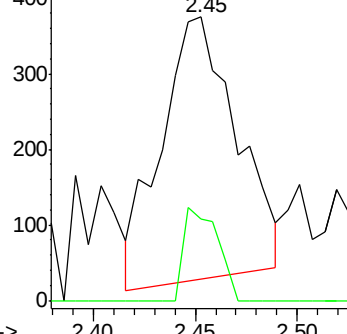
43 100

58 36.1 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001660.D

Acq: 12 May 2018 12:08

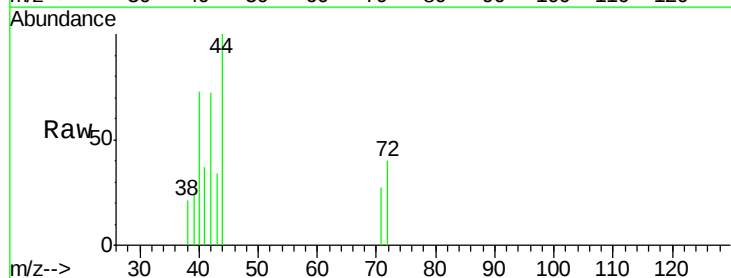
Tgt Ion: 42 Resp: 503

Ion Ratio Lower Upper

42 100

72 37.8 35.4 53.2

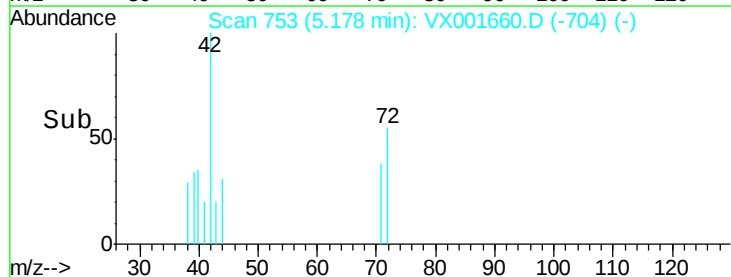
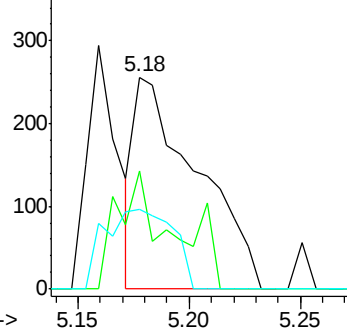
71 41.4 33.0 49.4

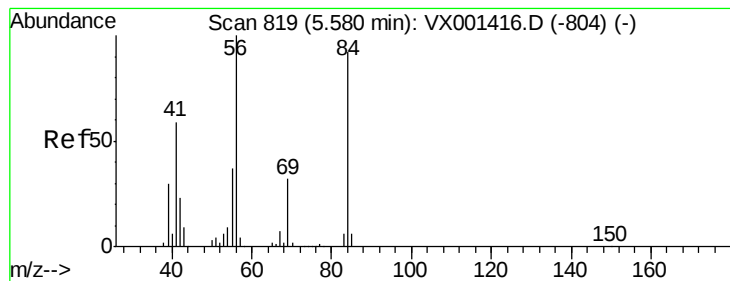


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 0.93 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX001660.D

Acq: 12 May 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBL01

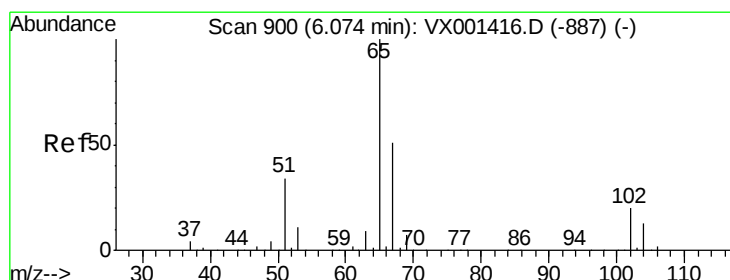
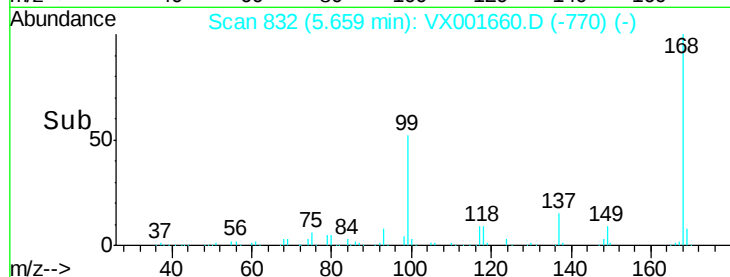
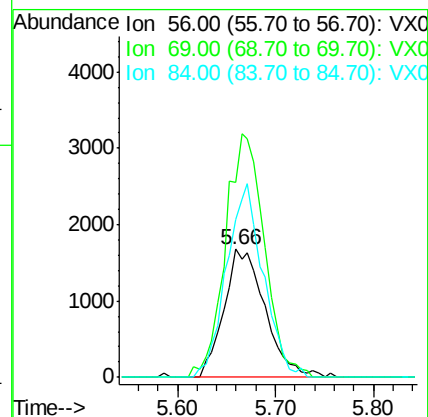
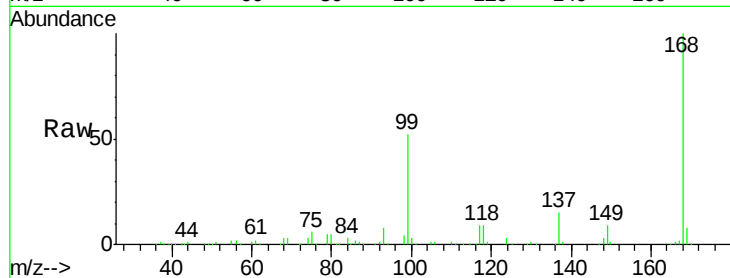
Tgt Ion: 56 Resp: 4912

Ion Ratio Lower Upper

56 100

69 152.8 25.4 38.0#

84 123.3 73.8 110.8#



#33

1,2-Dichloroethane-d4

Concen: 57.31 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001660.D

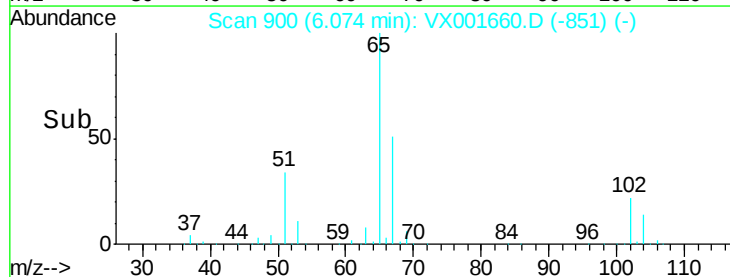
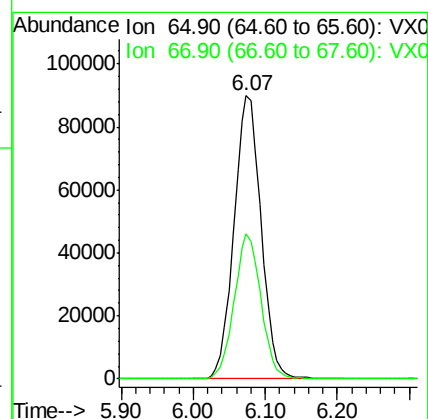
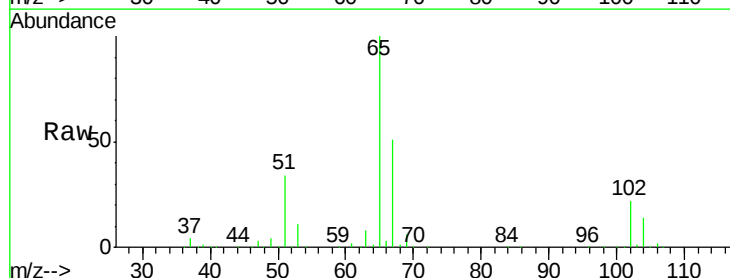
Acq: 12 May 2018 12:08

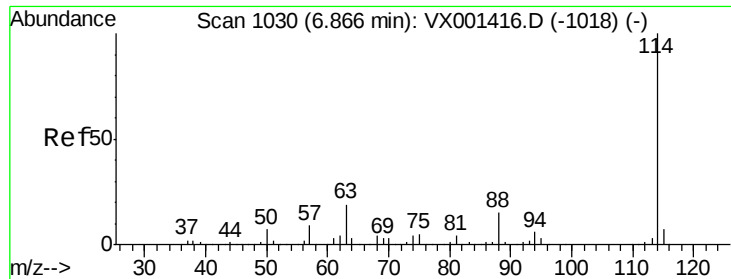
Tgt Ion: 65 Resp: 234909

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001660.D

Acq: 12 May 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBL01

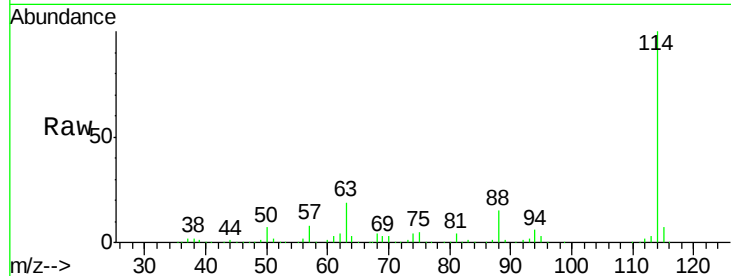
Tgt Ion:114 Resp: 383658

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 14.6 0.0 30.8



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

200000

150000

100000

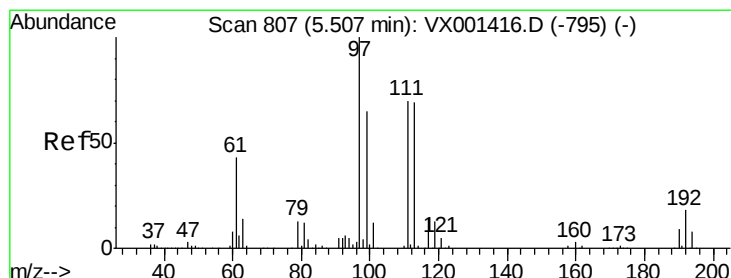
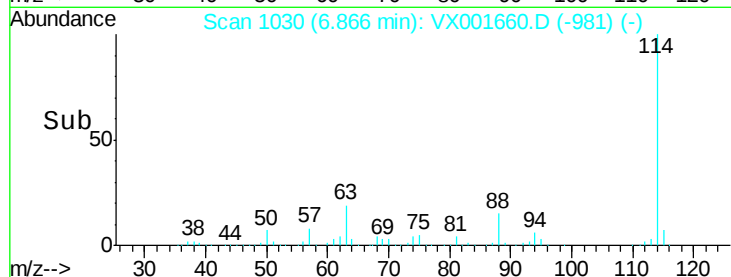
50000

0

6.87

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 55.35 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001660.D

Acq: 12 May 2018 12:08

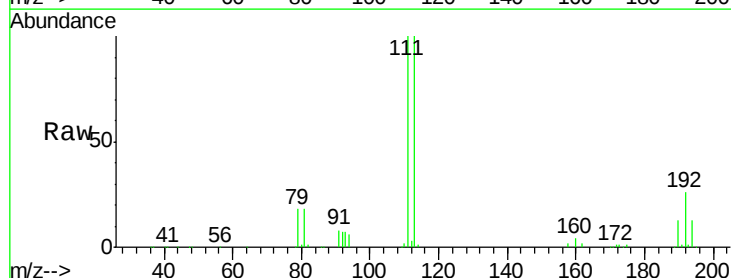
Tgt Ion:113 Resp: 188883

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 26.4 21.4 32.0



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

80000

60000

40000

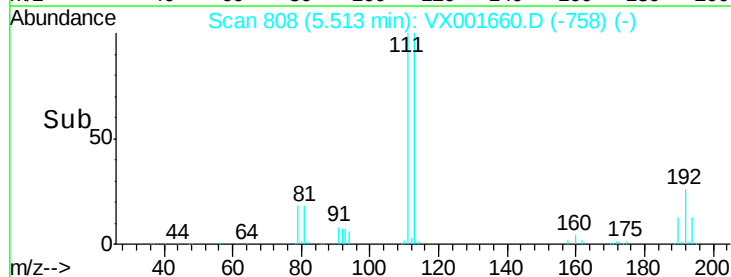
20000

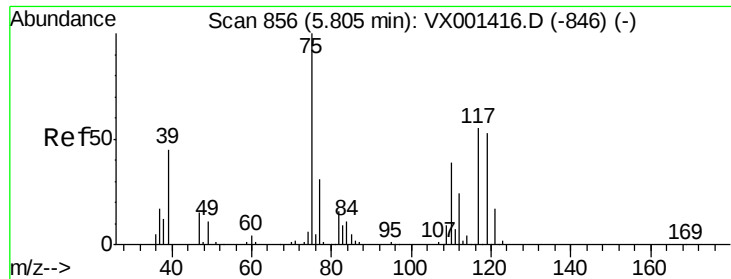
0

5.51

5.40 5.50 5.60

Time-->

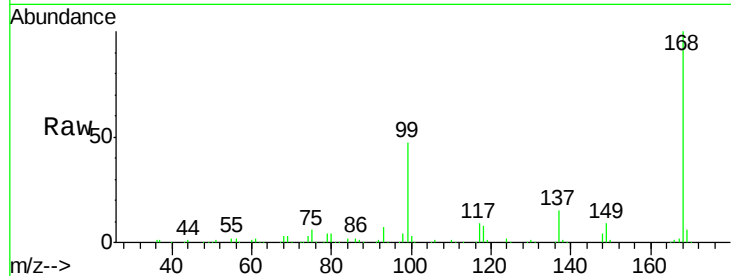




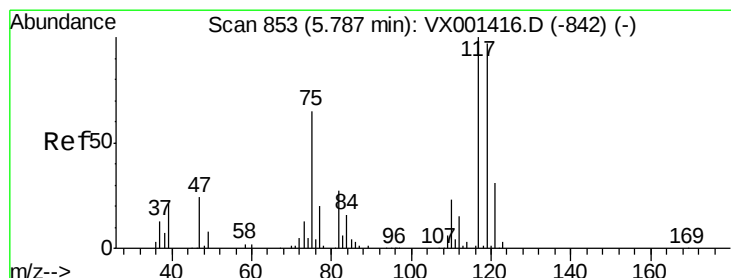
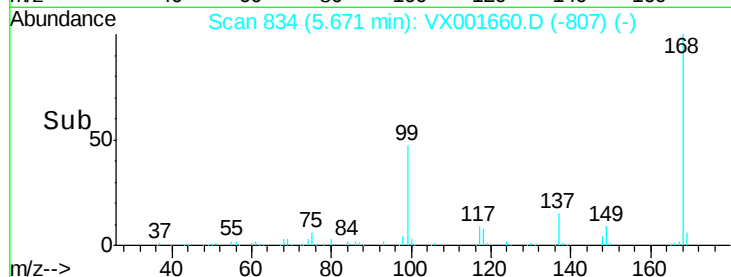
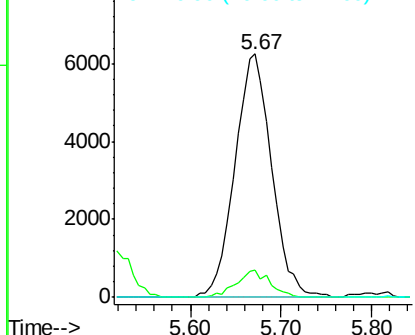
#36
 1,1-Dichloropropene
 Concen: 3.59 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001660.D
 Acq: 12 May 2018 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL01

Tgt Ion: 75 Resp: 17530
 Ion Ratio Lower Upper
 75 100
 110 10.2 18.9 56.7#
 77 0.0 24.9 37.3#

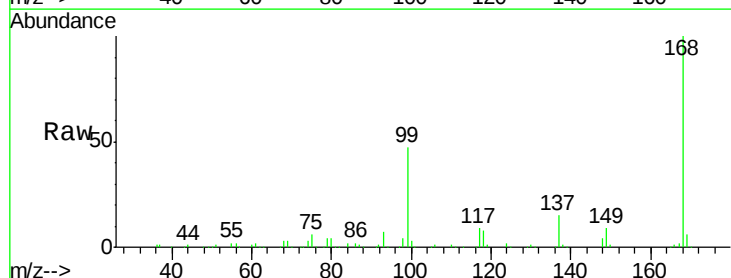


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

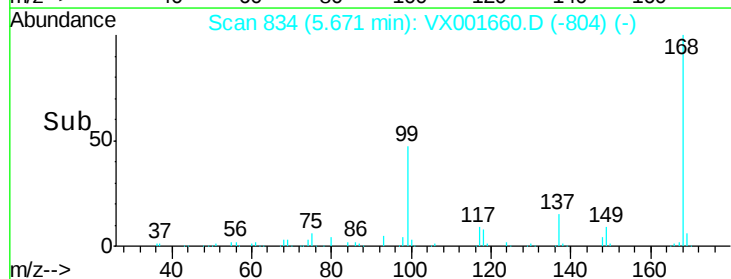
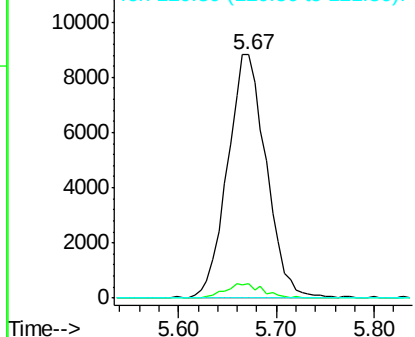


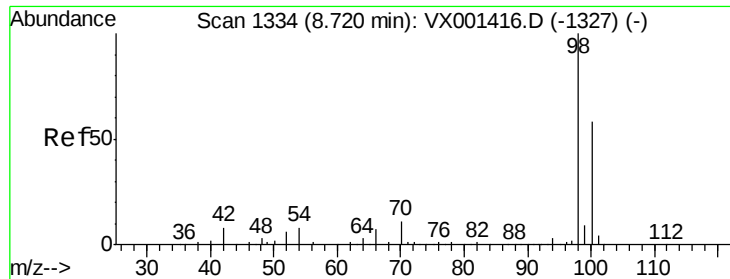
#38
 Carbon Tetrachloride
 Concen: 4.64 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001660.D
 Acq: 12 May 2018 12:08

Tgt Ion: 117 Resp: 24163
 Ion Ratio Lower Upper
 117 100
 119 6.0 77.0 115.6#
 121 0.0 25.1 37.7#



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

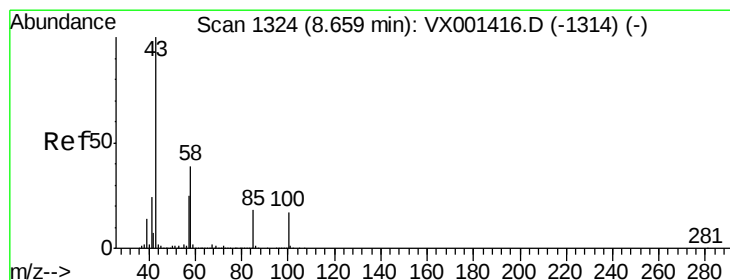
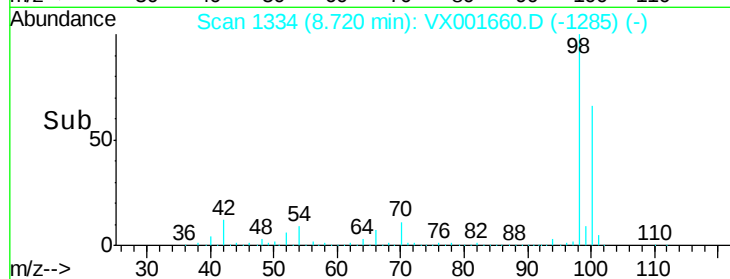
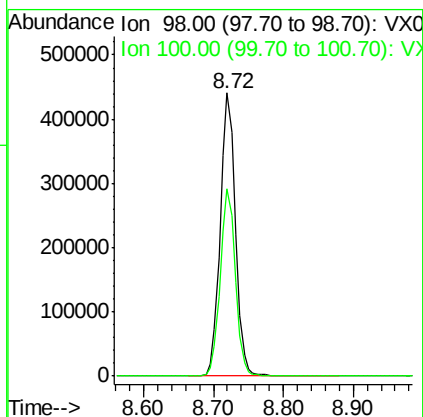
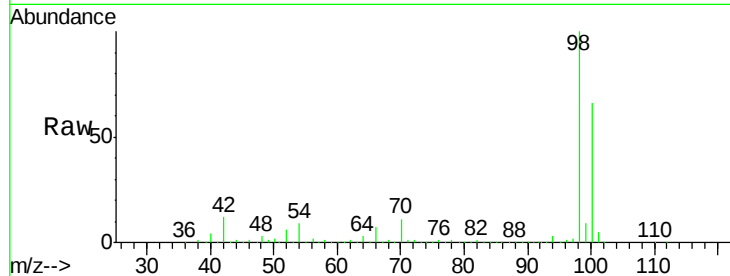




#50
Toluene-d8
Concen: 53.48 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001660.D
Acq: 12 May 2018 12:08

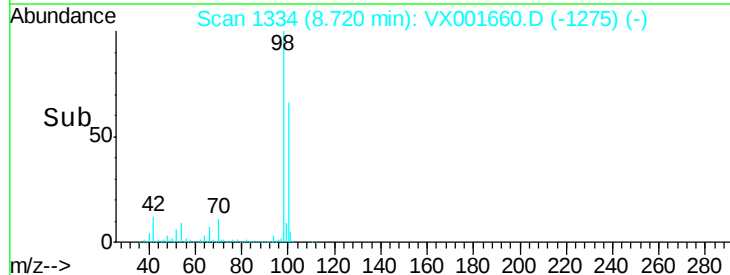
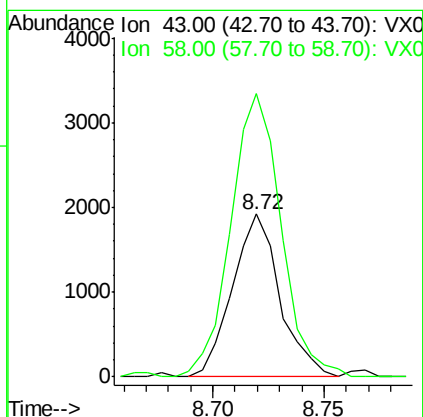
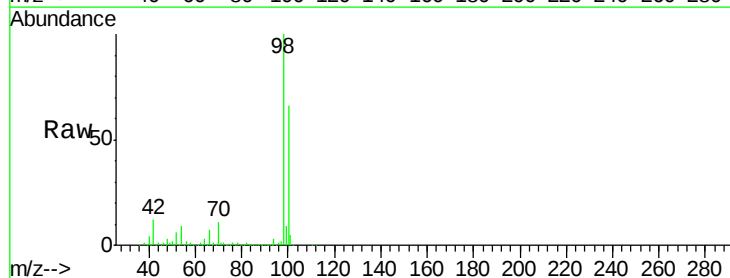
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

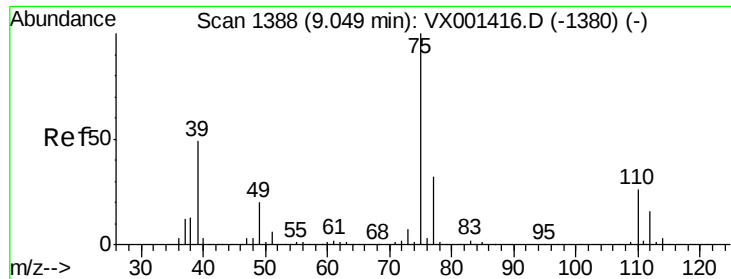
Tgt Ion: 98 Resp: 666229
Ion Ratio Lower Upper
98 100
100 66.0 54.0 81.0



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX001660.D
Acq: 12 May 2018 12:08

Tgt Ion: 43 Resp: 2862
Ion Ratio Lower Upper
43 100
58 183.4 30.8 46.2#

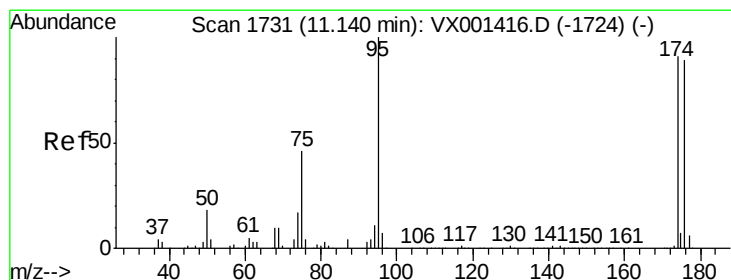
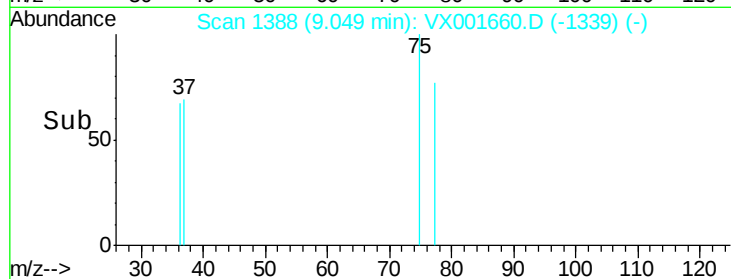
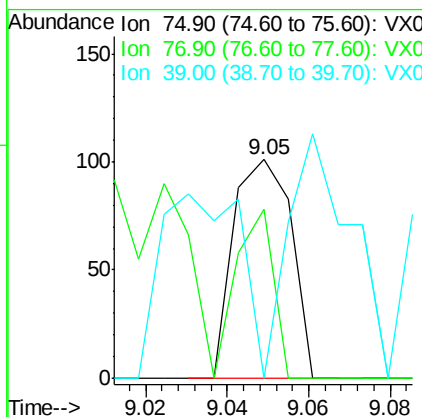
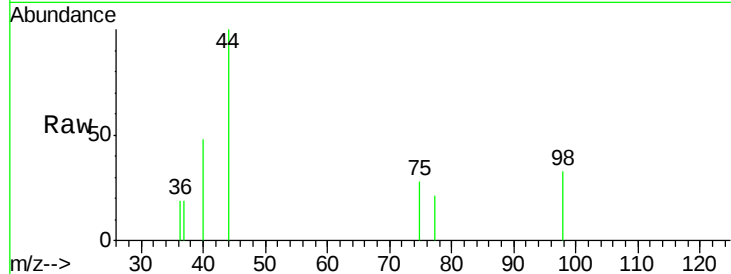




#54
 cis-1,3-Dichloropropene
 Concen: 2.28 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001660.D
 Acq: 12 May 2018 12:08

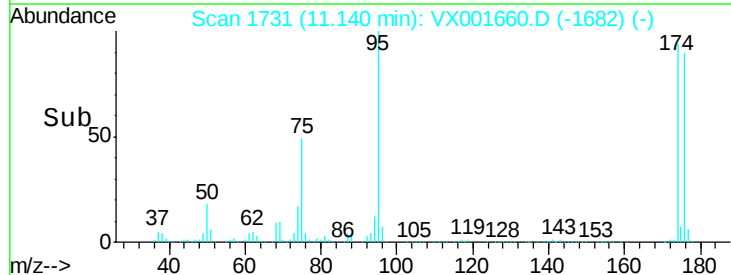
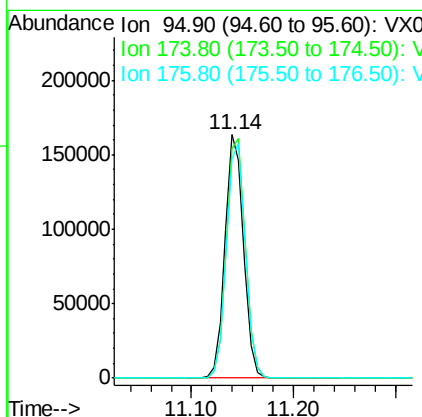
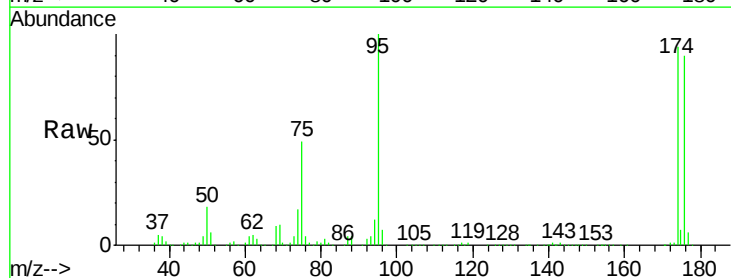
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL01

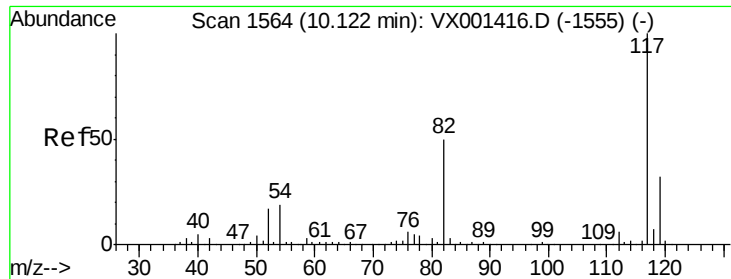
Tgt Ion: 75 Resp: 100
 Ion Ratio Lower Upper
 75 100
 77 77.2 25.5 38.3#
 39 0.0 38.9 58.3#



#62
 4-Bromofluorobenzene
 Concen: 42.78 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001660.D
 Acq: 12 May 2018 12:08

Tgt Ion: 95 Resp: 204564
 Ion Ratio Lower Upper
 95 100
 174 101.5 0.0 202.0
 176 98.9 0.0 197.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001660.D

Acq: 12 May 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBL01

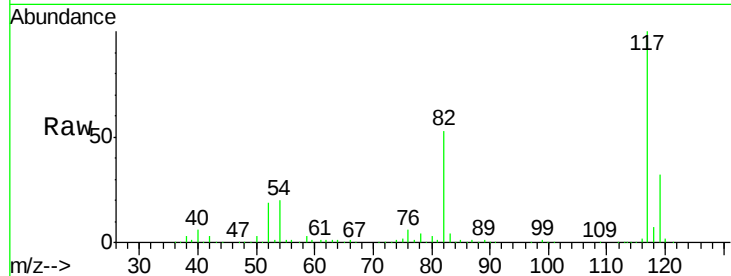
Tgt Ion:117 Resp: 319611

Ion Ratio Lower Upper

117 100

82 53.2 40.0 60.0

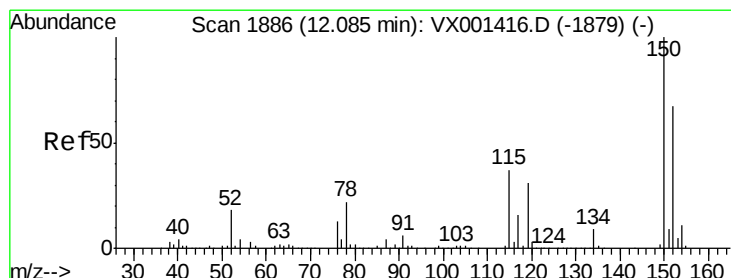
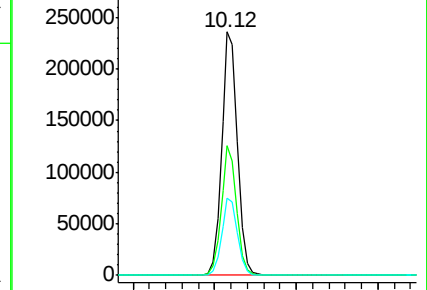
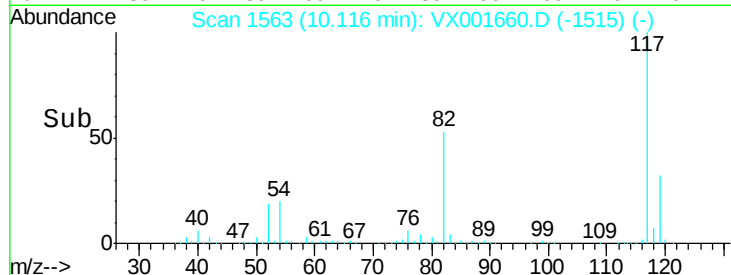
119 31.9 25.8 38.8



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: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001660.D

Acq: 12 May 2018 12:08

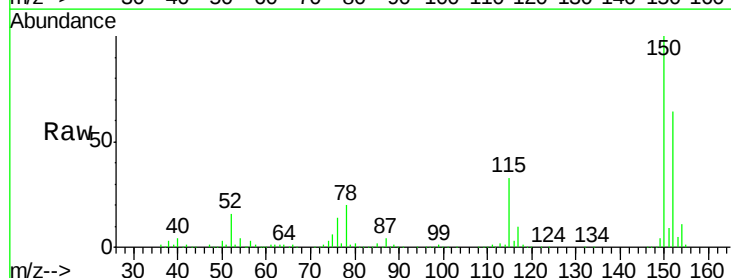
Tgt Ion:152 Resp: 156709

Ion Ratio Lower Upper

152 100

115 51.7 37.7 113.1

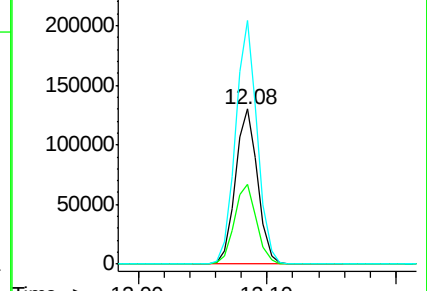
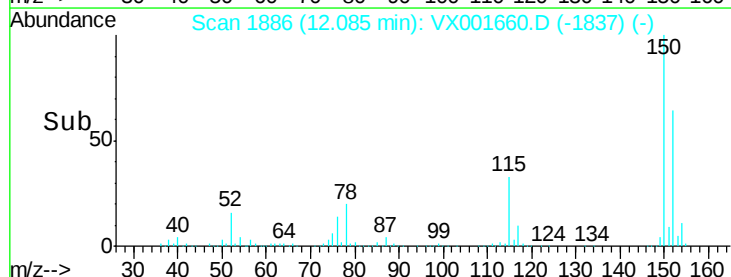
150 153.6 0.0 349.4

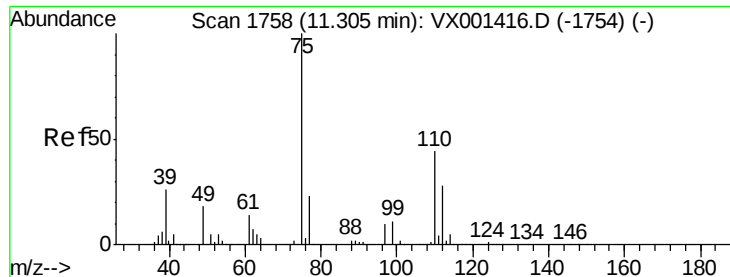


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 31.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001660.D

Acq: 12 May 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

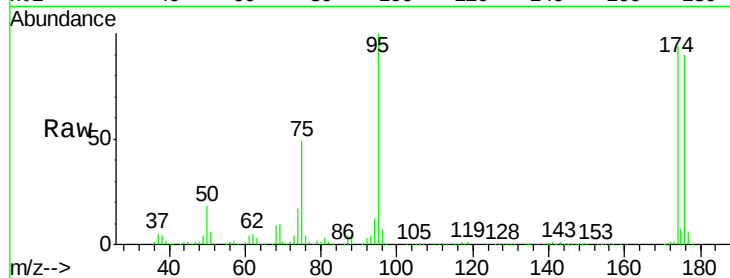
VX0512WBL01

Tgt Ion: 75 Resp: 99737

Ion Ratio Lower Upper

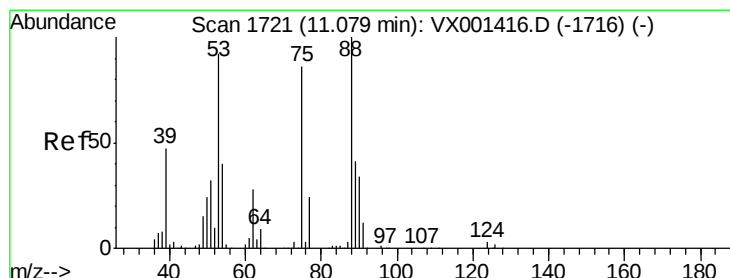
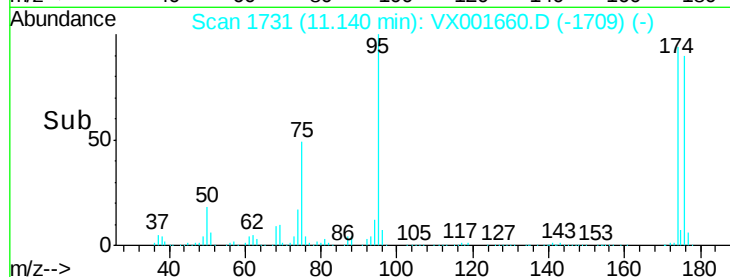
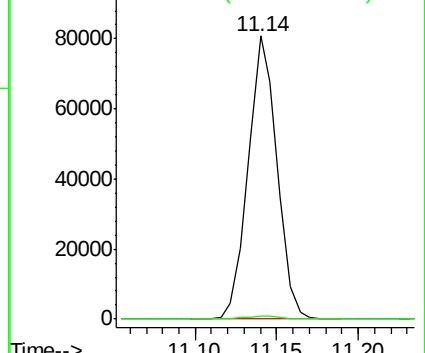
75 100

77 1.3 19.6 58.7#



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: 95.76 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001660.D

Acq: 12 May 2018 12:08

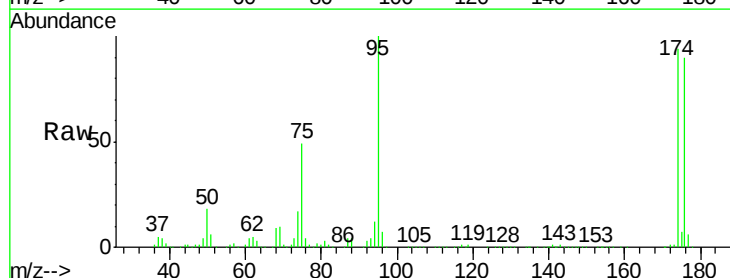
Tgt Ion: 75 Resp: 99737

Ion Ratio Lower Upper

75 100

53 0.0 84.5 126.7#

89 0.0 39.5 59.3#



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

