

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072318\
 Data File : VX003611.D
 Acq On : 23 Jul 2018 18:16
 Operator : JC/SP
 Sample : J4048-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-8

Quant Time: Jul 24 01:42:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183707	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	145135	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
35) Dibromofluoromethane	5.51	113	135365	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	8.72	98	512329	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.14	95	173650	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	

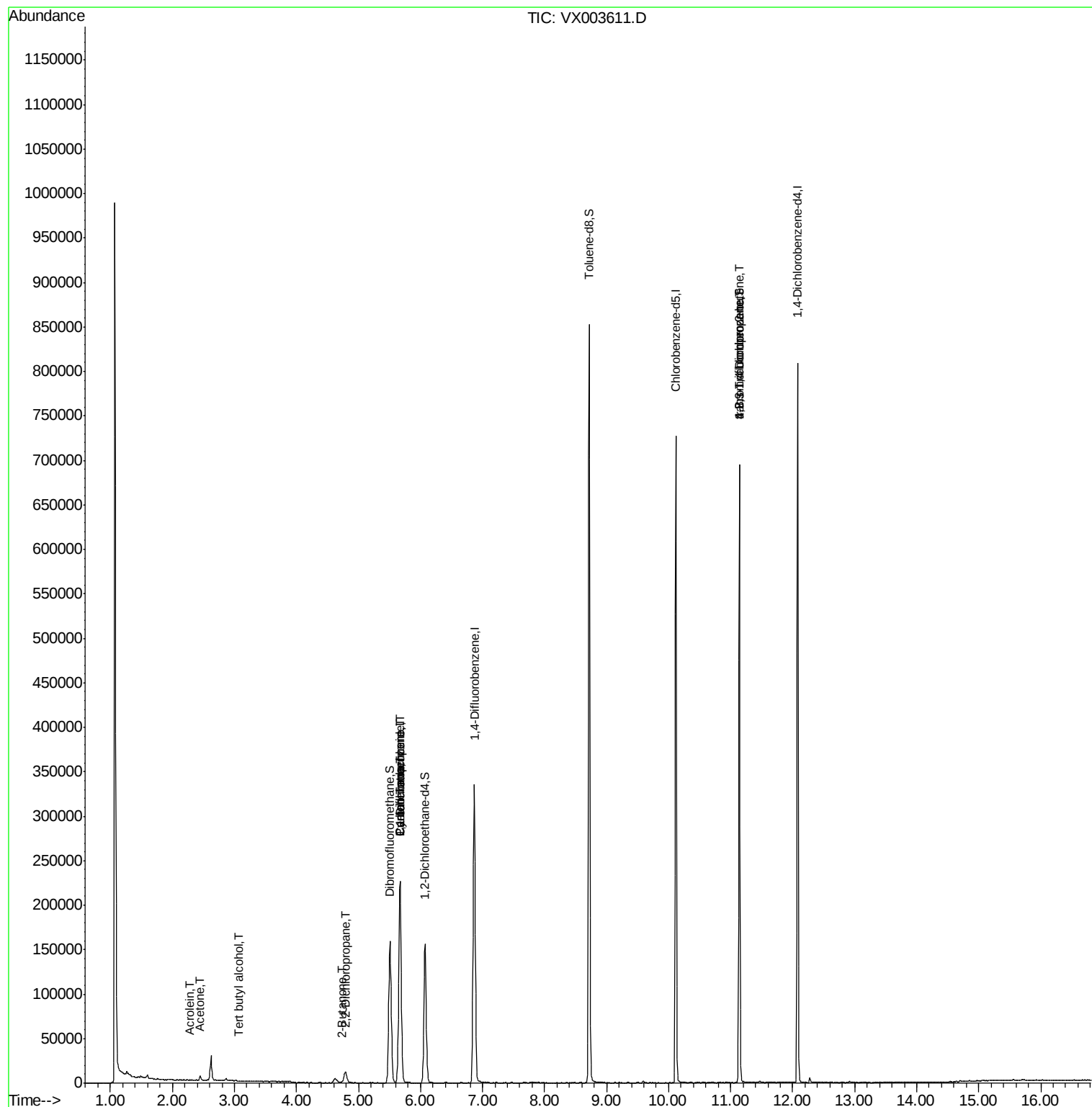
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	104	Below Cal	#	43
3) Chloromethane	1.32	50	501	Below Cal		91
5) Bromomethane	1.66	94	835	Below Cal	#	75
11) Tert butyl alcohol	3.07	59	350	0.609	ug/l #	73
13) Acrolein	2.29	56	121	0.466	ug/l #	63
16) Acetone	2.45	43	5189	4.727	ug/l #	88
20) Methylene Chloride	2.86	84	1011	Below Cal	#	89
25) 2-Butanone	4.73	43	846	0.459	ug/l	96
26) 2,2-Dichloropropane	4.78	77	979	0.263	ug/l #	53
31) Cyclohexane	5.67	56	3444	0.787	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15004	3.874	ug/l #	50
38) Carbon Tetrachloride	5.67	117	20948	5.514	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	83108	25.182	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	83108	70.502	ug/l #	7

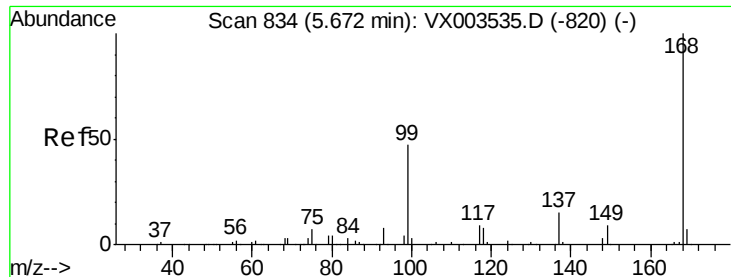
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

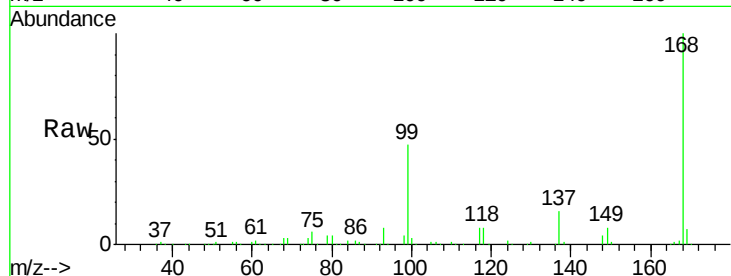
YT-MW-8

Tgt Ion:168 Resp: 245500

Ion Ratio Lower Upper

168 100

99 47.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

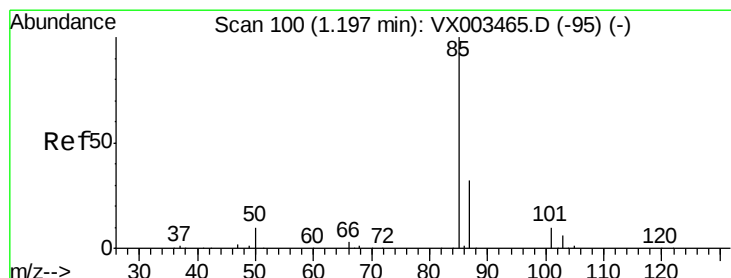
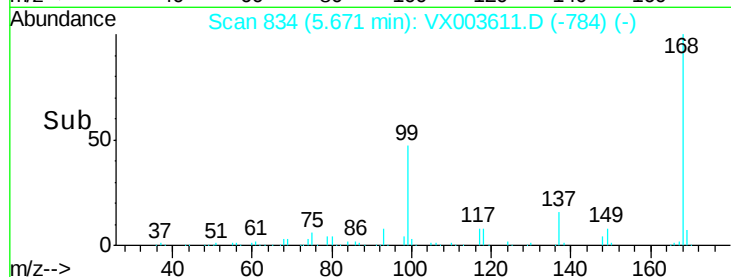
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003611.D

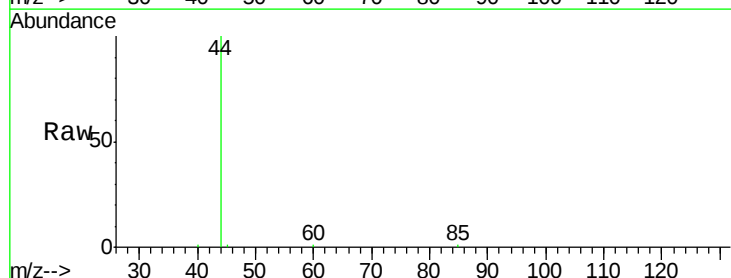
Acq: 23 Jul 2018 18:16

Tgt Ion: 85 Resp: 104

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

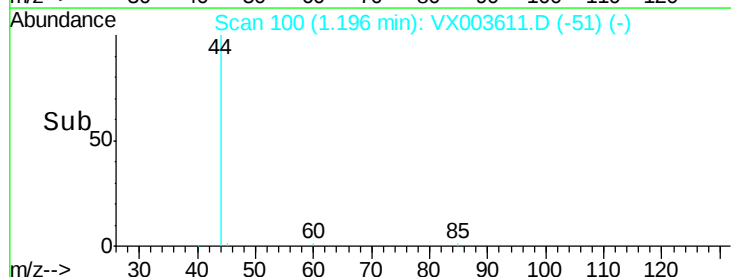
1.20

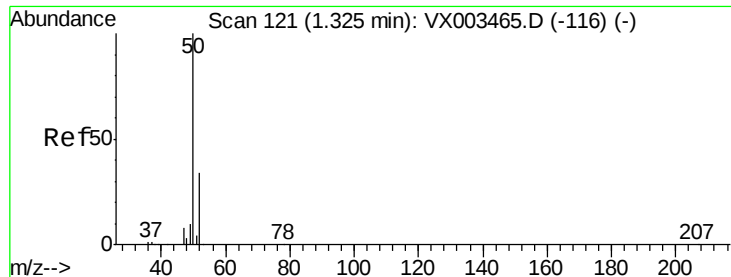
100

50

0

Time--> 1.18 1.20 1.22





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

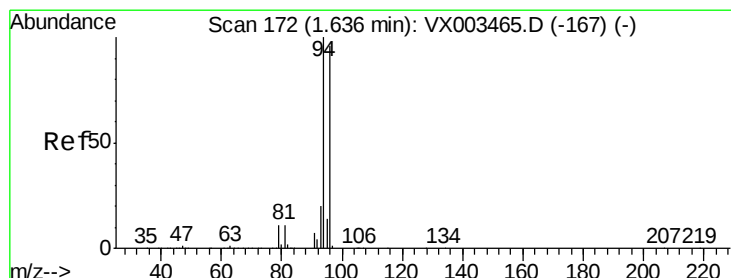
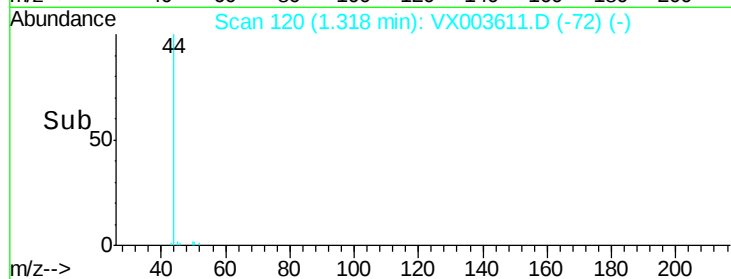
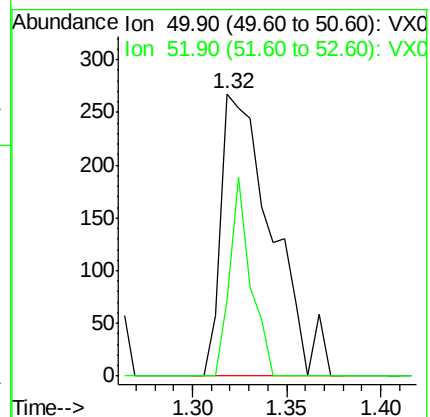
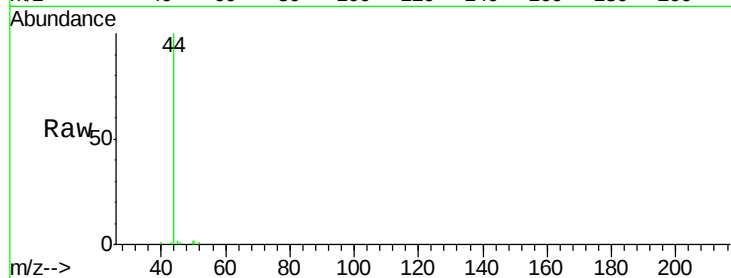
YT-MW-8

Tgt Ion: 50 Resp: 501

Ion Ratio Lower Upper

50 100

52 26.9 25.7 38.5



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX003611.D

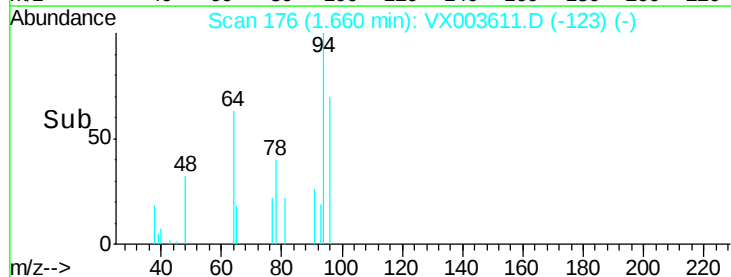
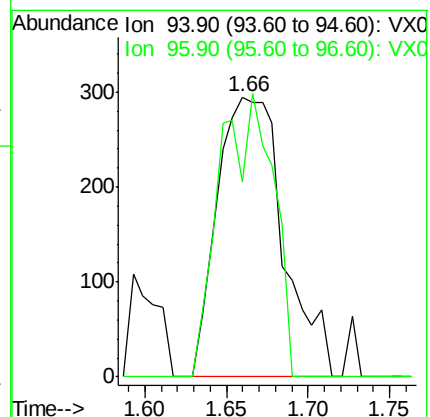
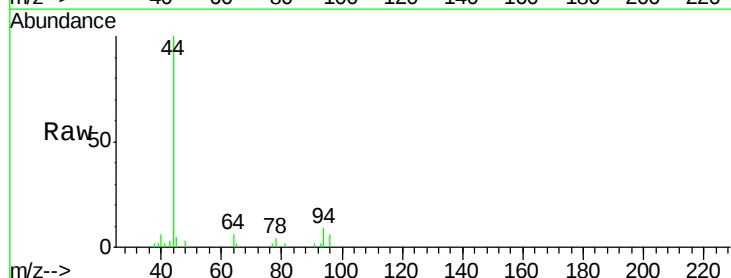
Acq: 23 Jul 2018 18:16

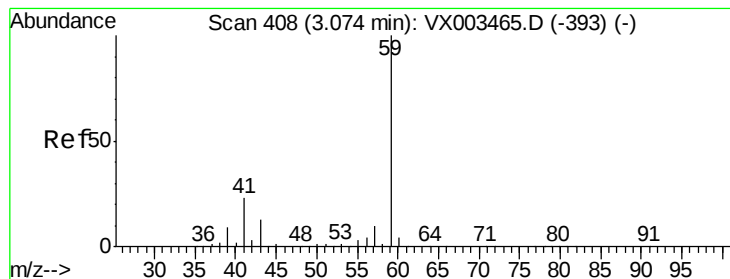
Tgt Ion: 94 Resp: 835

Ion Ratio Lower Upper

94 100

96 69.8 74.9 112.3#



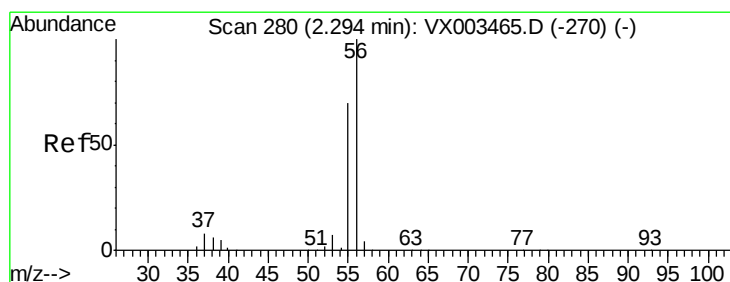
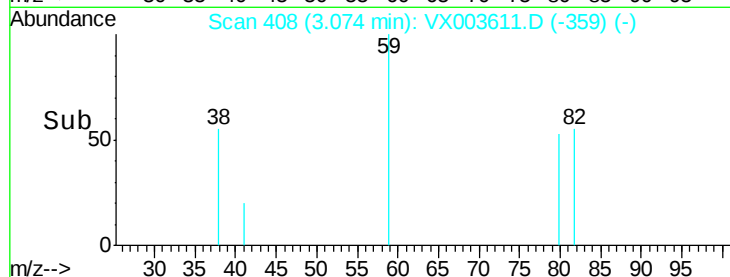
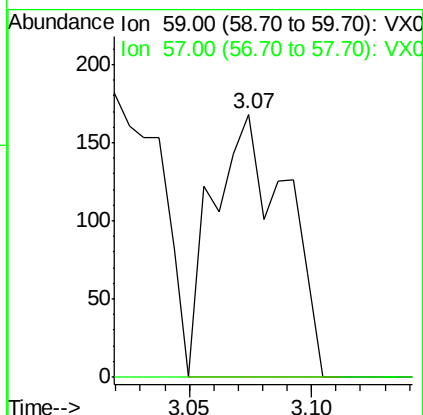
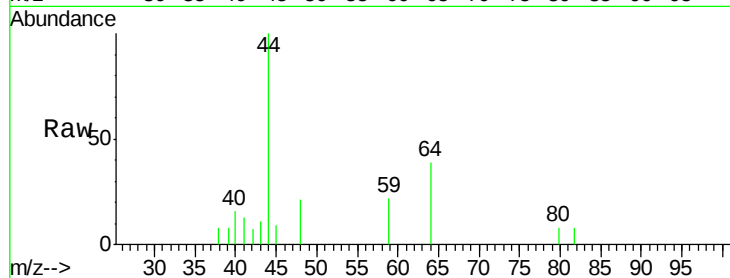


#11

Tert butyl alcohol
 Concen: 0.609 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VX003611.D
 Acq: 23 Jul 2018 18:16

Instrument :
 MSVOA_X
 ClientSampled :
 YT-MW-8

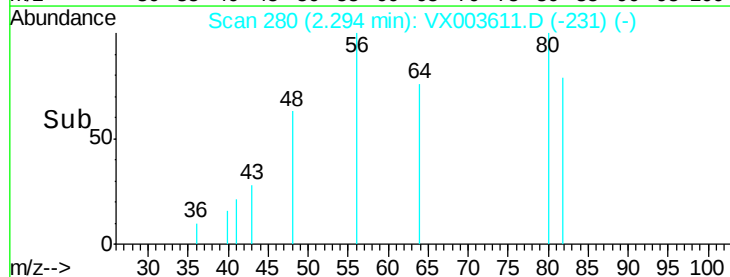
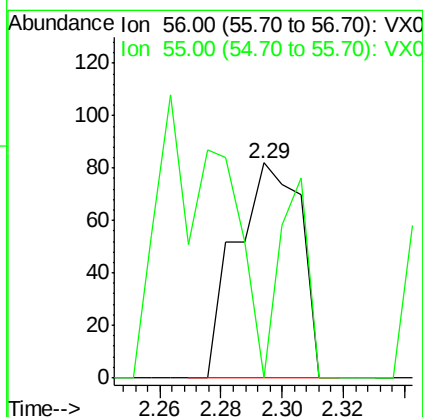
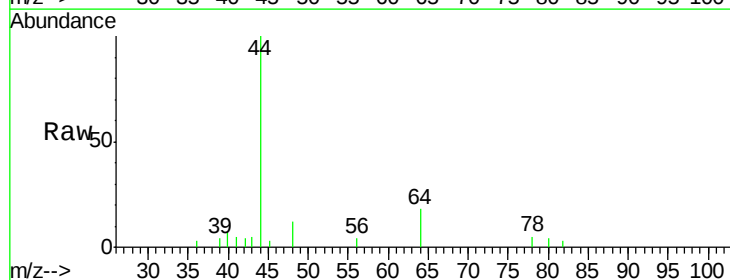
Tgt Ion: 59 Resp: 350
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

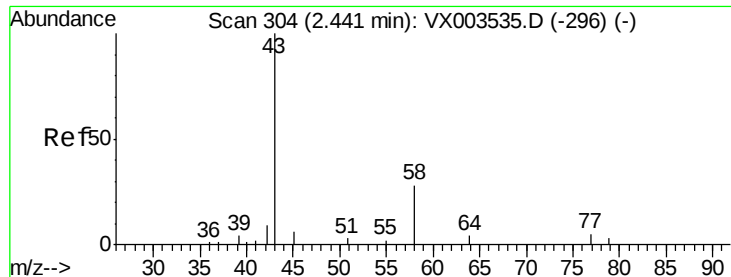


#13

Acrolein
 Concen: 0.466 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX003611.D
 Acq: 23 Jul 2018 18:16

Tgt Ion: 56 Resp: 121
 Ion Ratio Lower Upper
 56 100
 55 40.5 57.0 85.4#





#16

Acetone

Concen: 4.727 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

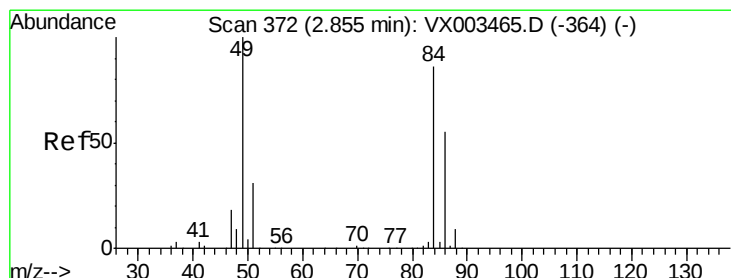
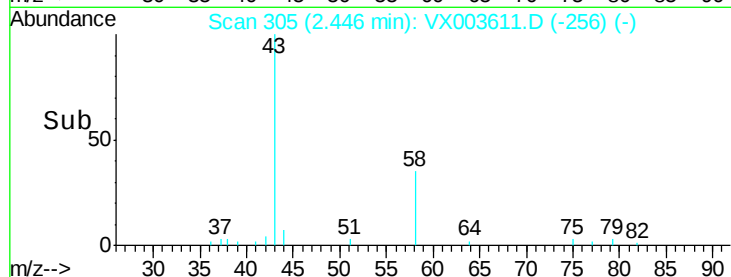
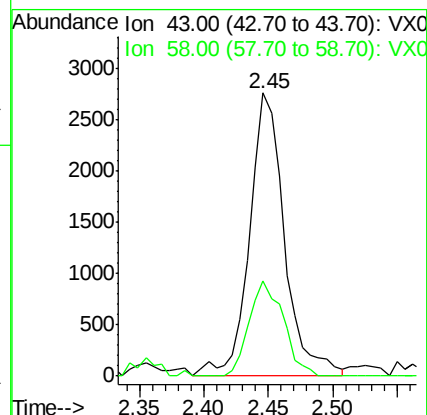
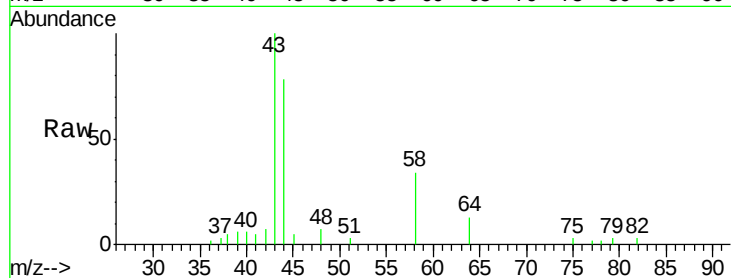
YT-MW-8

Tgt Ion: 43 Resp: 5189

Ion Ratio Lower Upper

43 100

58 33.8 22.1 33.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

Tgt Ion: 84 Resp: 1011

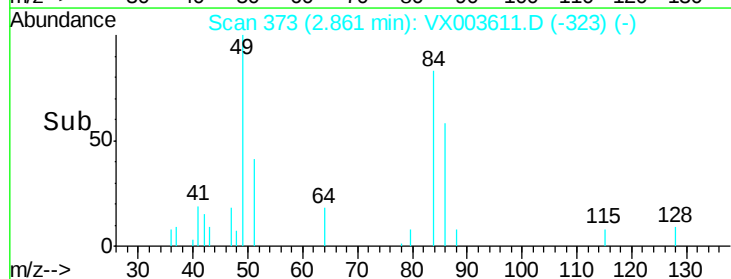
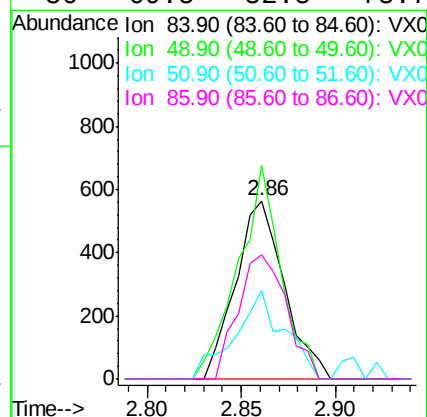
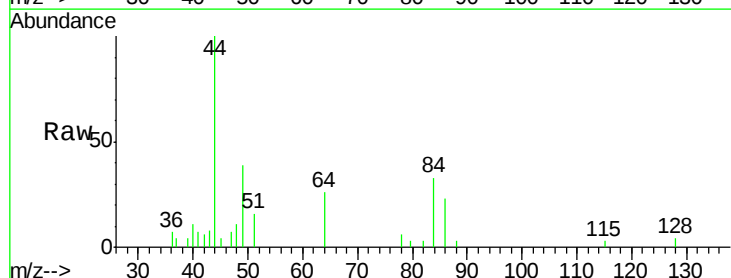
Ion Ratio Lower Upper

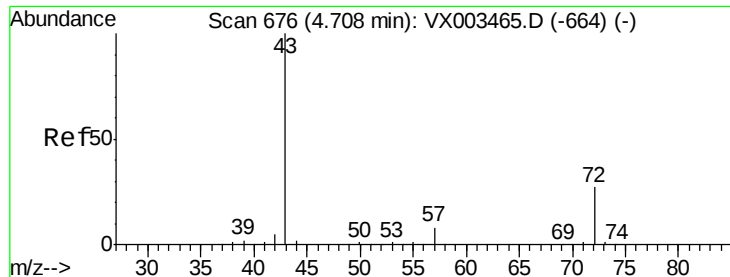
84 100

49 119.9 107.8 161.6

51 49.5 32.8 49.2#

86 69.5 52.5 78.7





#25

2-Butanone

Concen: 0.459 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.02 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

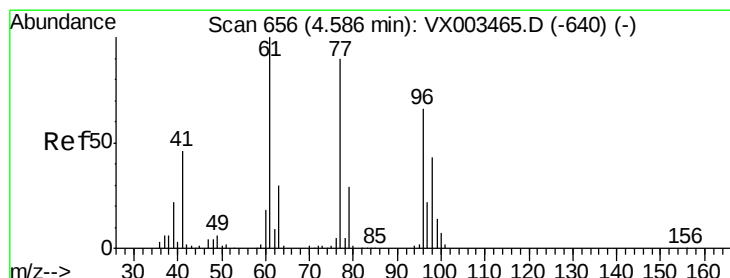
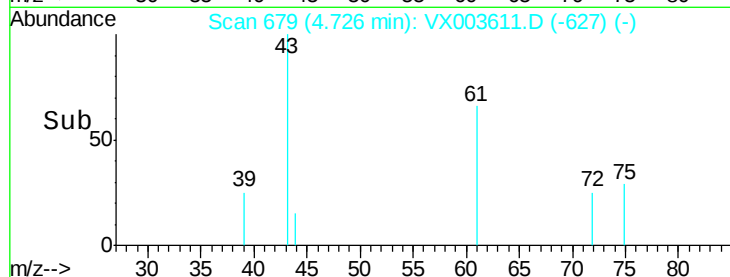
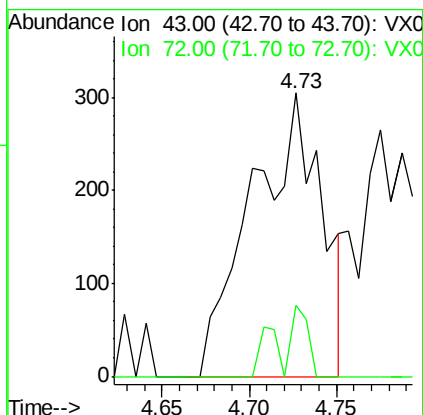
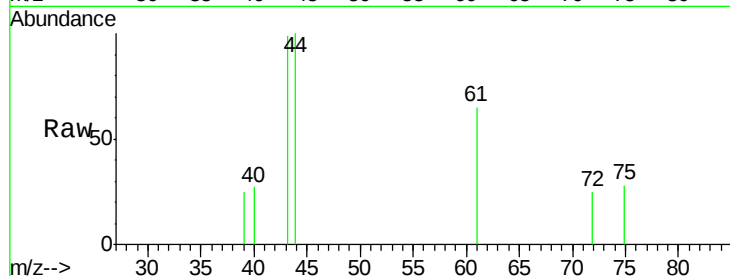
YT-MW-8

Tgt Ion: 43 Resp: 846

Ion Ratio Lower Upper

43 100

72 25.2 18.5 27.7



#26

2,2-Dichloropropane

Concen: 0.263 ug/l

RT: 4.78 min Scan# 688

Delta R.T. 0.19 min

Lab File: VX003611.D

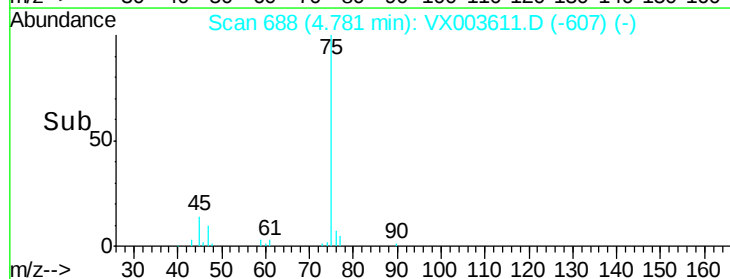
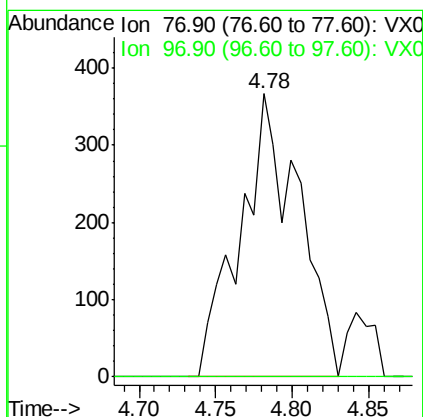
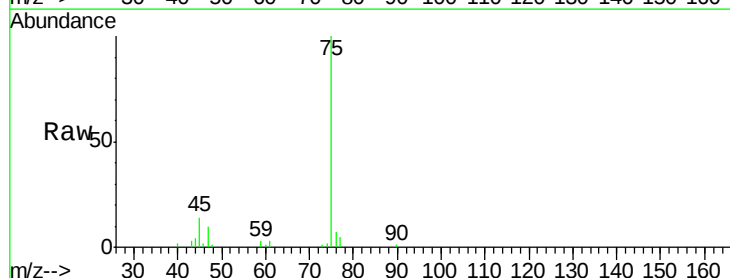
Acq: 23 Jul 2018 18:16

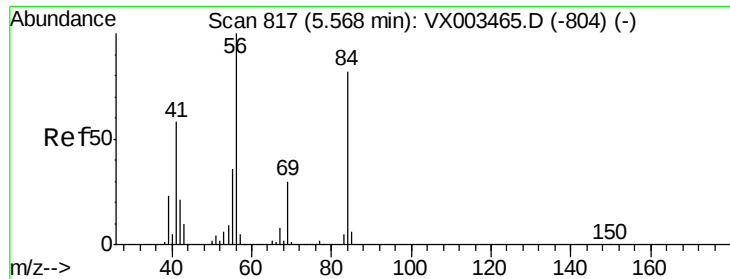
Tgt Ion: 77 Resp: 979

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#





#31

Cyclohexane

Concen: 0.787 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.10 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-8

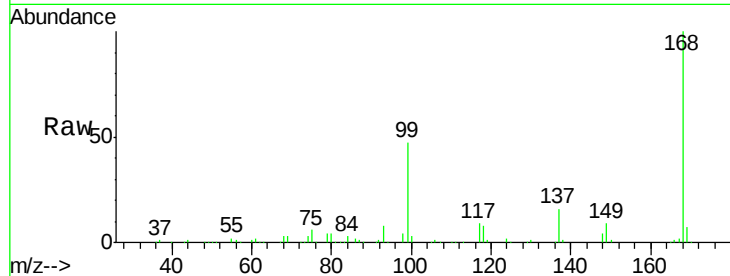
Tgt Ion: 56 Resp: 3444

Ion Ratio Lower Upper

56 100

69 196.4 23.7 35.5#

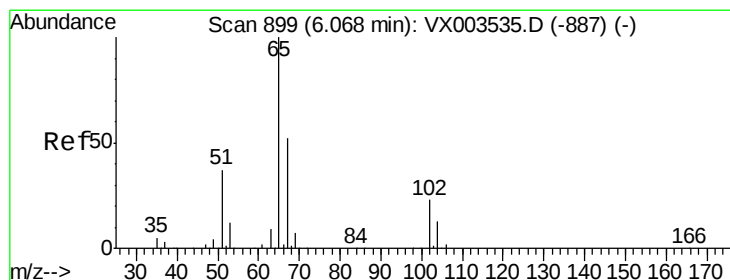
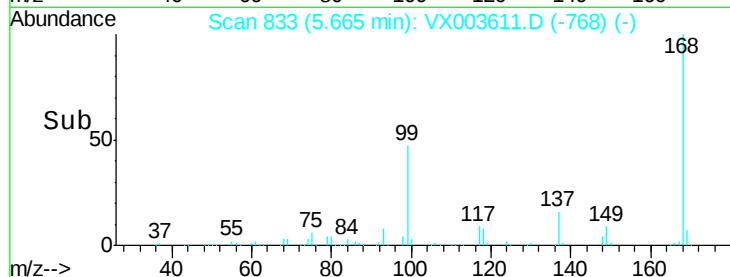
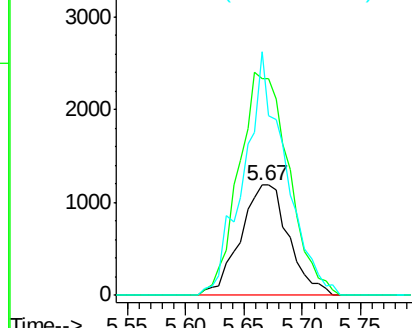
84 221.2 64.1 96.1#



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: 49.942 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003611.D

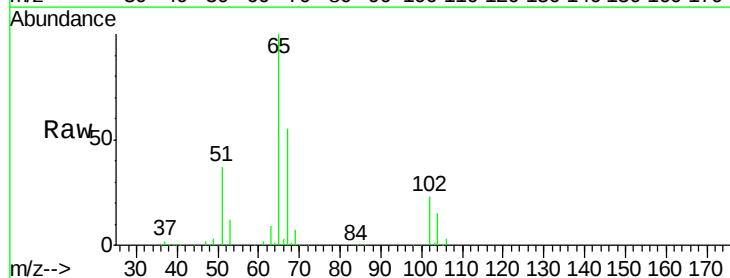
Acq: 23 Jul 2018 18:16

Tgt Ion: 65 Resp: 145135

Ion Ratio Lower Upper

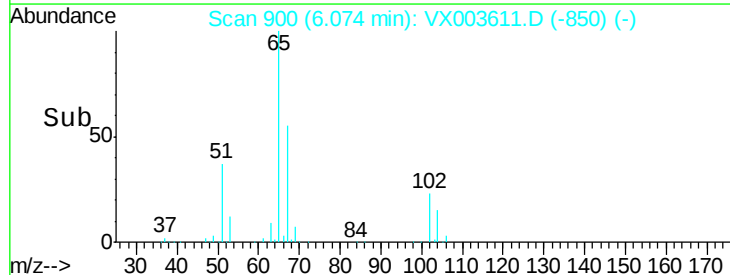
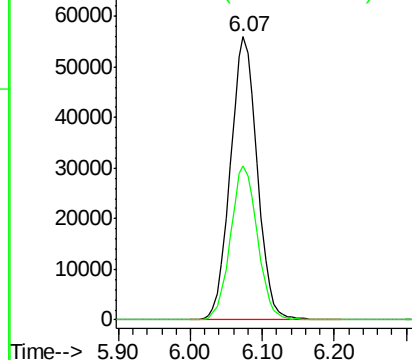
65 100

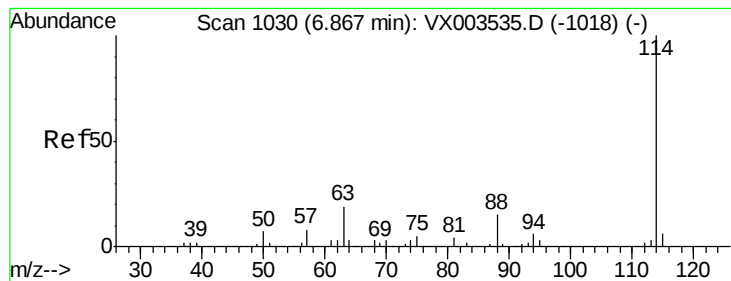
67 54.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

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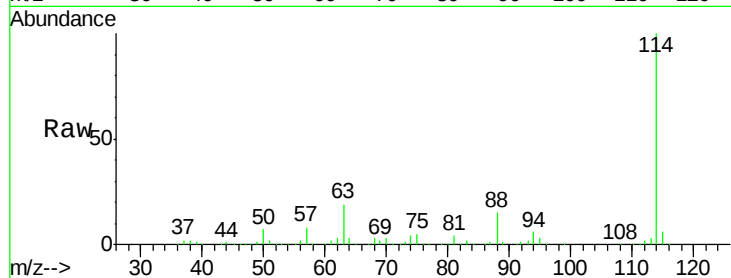
Tgt Ion:114 Resp: 358745

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

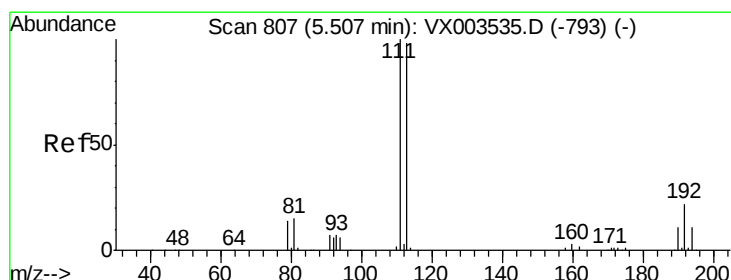
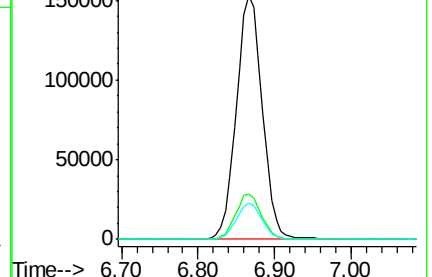
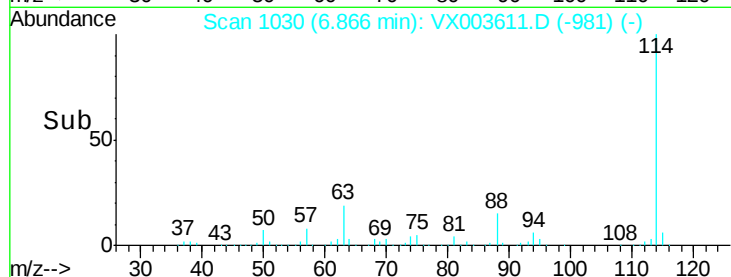
88 14.8 0.0 30.0



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: 49.540 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

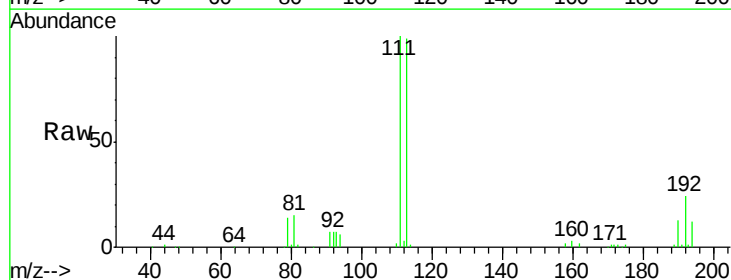
Tgt Ion:113 Resp: 135365

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

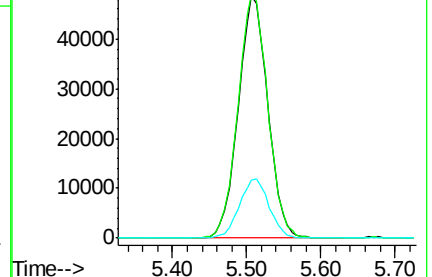
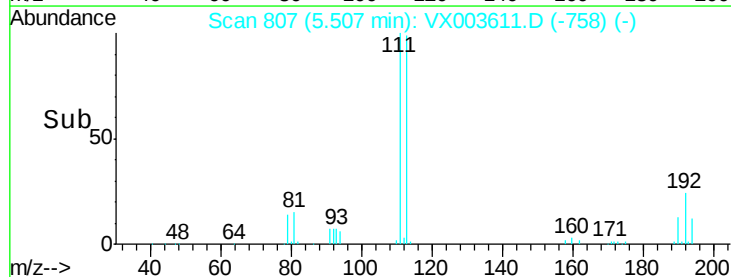
192 24.6 19.1 28.7

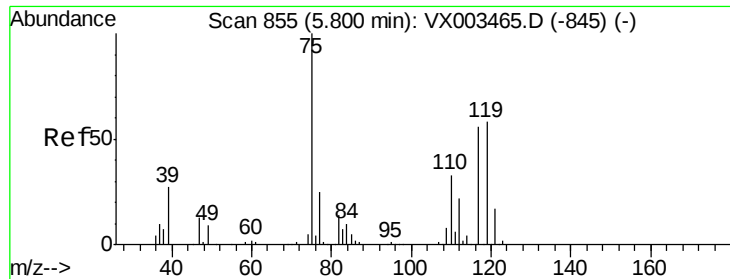


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

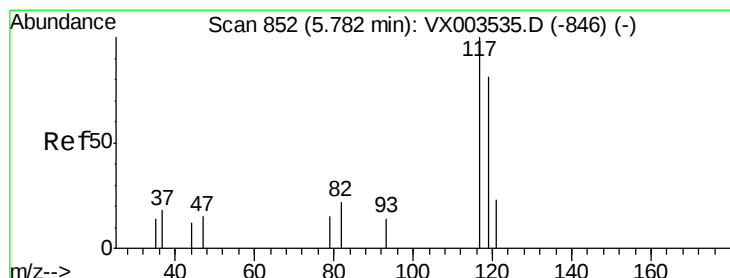
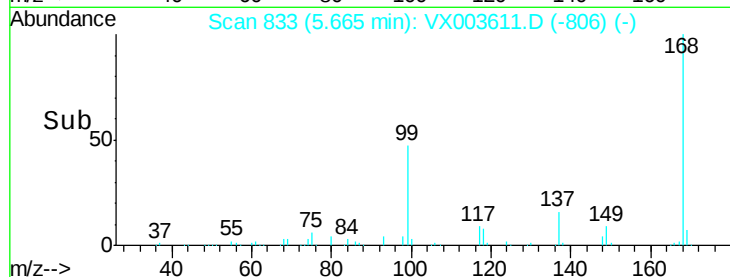
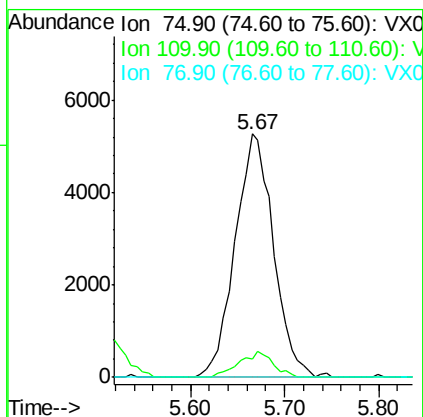
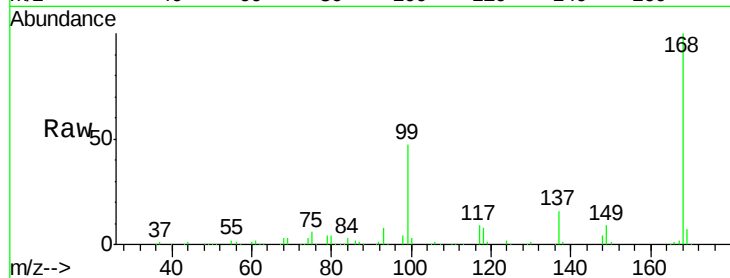




#36
 1,1-Dichloropropene
 Concen: 3.874 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003611.D
 Acq: 23 Jul 2018 18:16

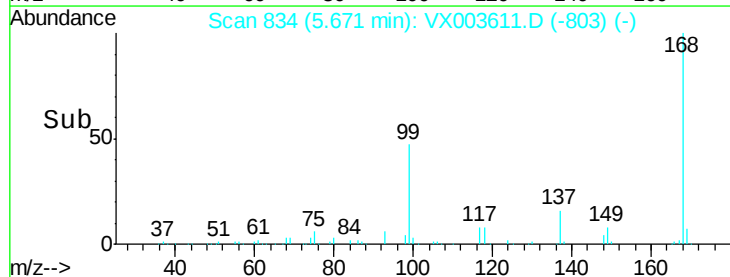
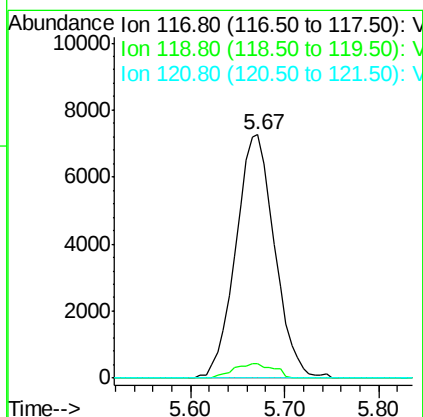
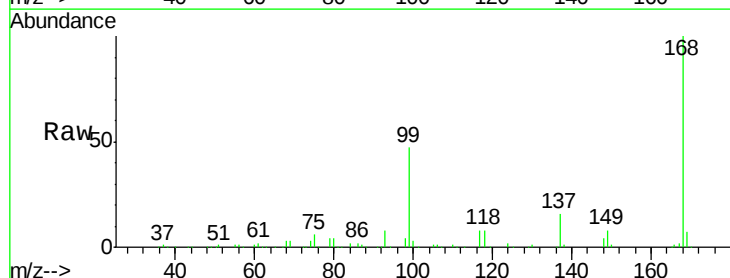
Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-8

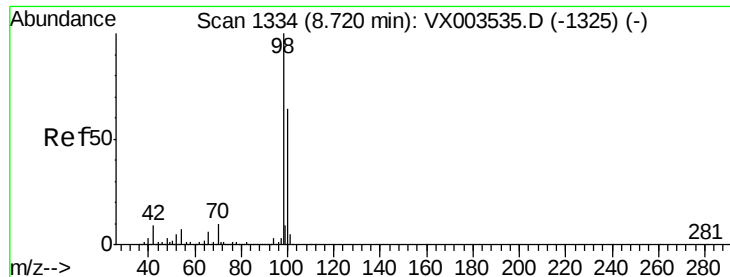
Tgt Ion: 75 Resp: 15004
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.1 54.4#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.514 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.11 min
 Lab File: VX003611.D
 Acq: 23 Jul 2018 18:16

Tgt Ion: 117 Resp: 20948
 Ion Ratio Lower Upper
 117 100
 119 5.8 77.4 116.0#
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.884 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

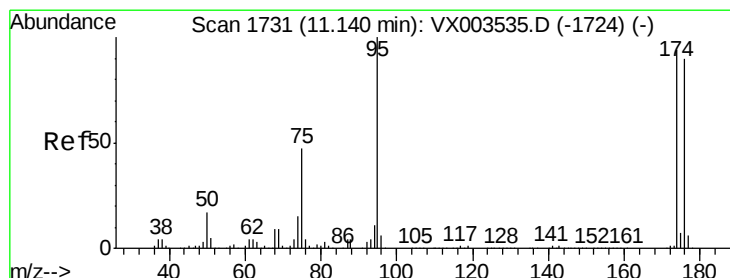
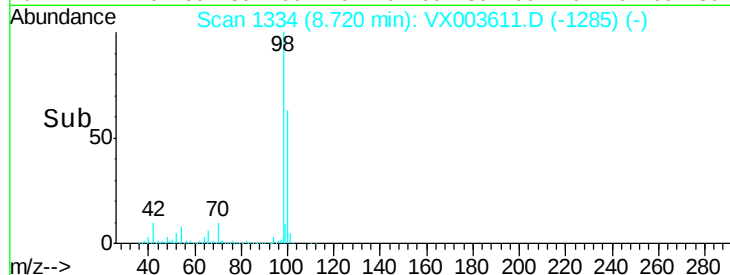
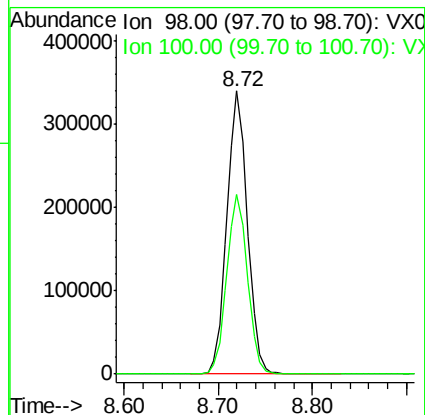
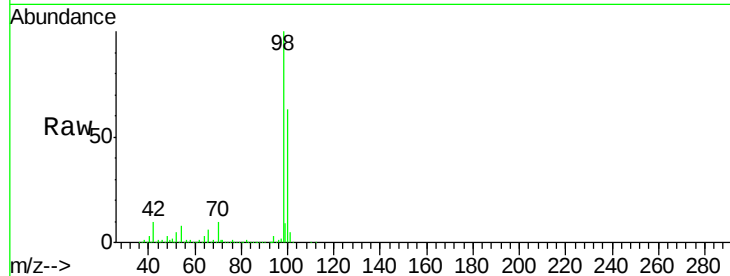
YT-MW-8

Tgt Ion: 98 Resp: 512329

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.331 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

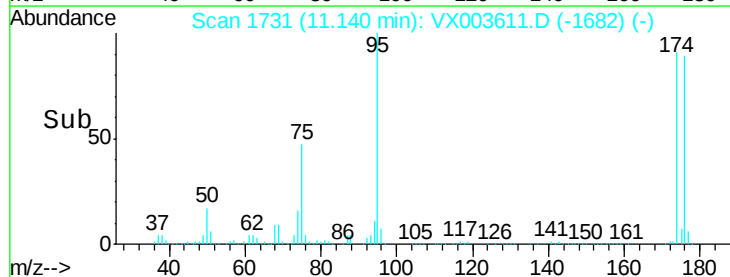
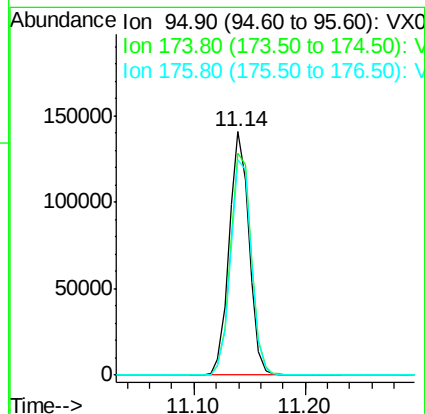
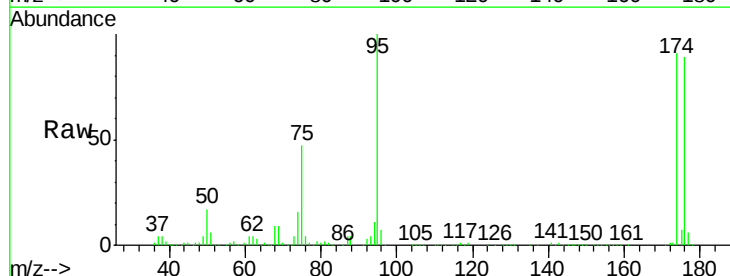
Tgt Ion: 95 Resp: 173650

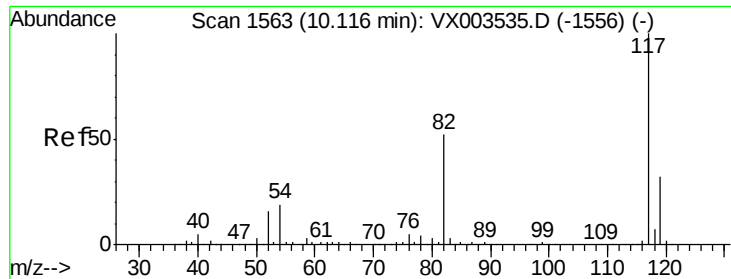
Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.4

176 92.7 0.0 181.0

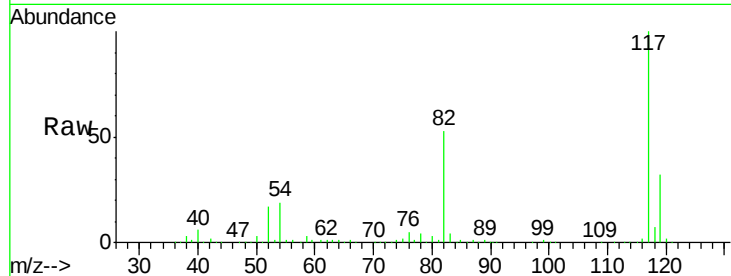




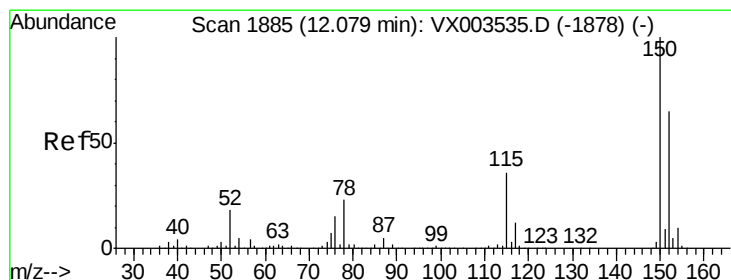
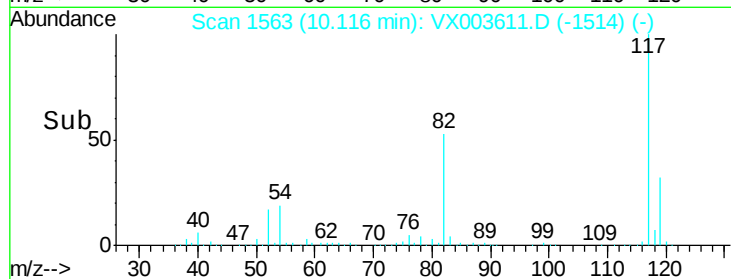
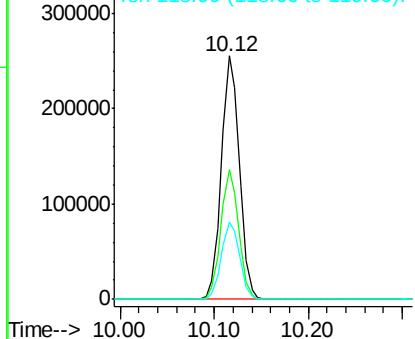
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003611.D
Acq: 23 Jul 2018 18:16

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-8

Tgt Ion:117 Resp: 339633
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 31.8 25.8 38.6

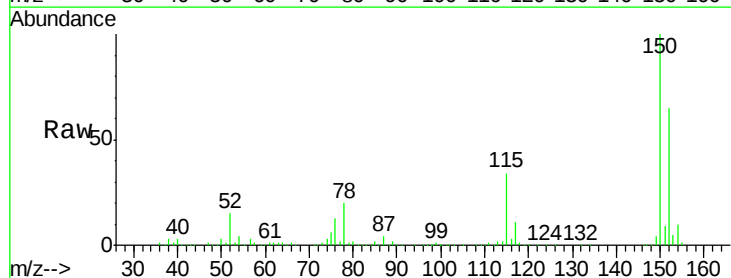


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

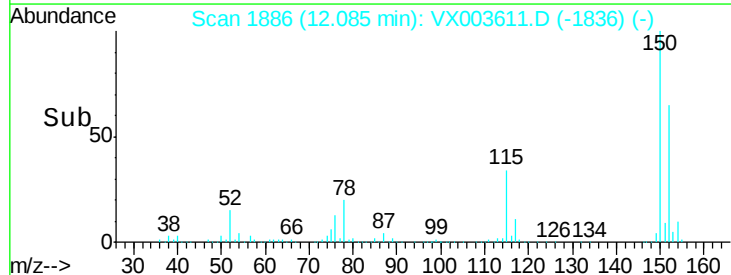
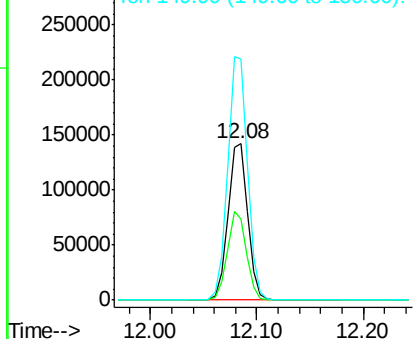


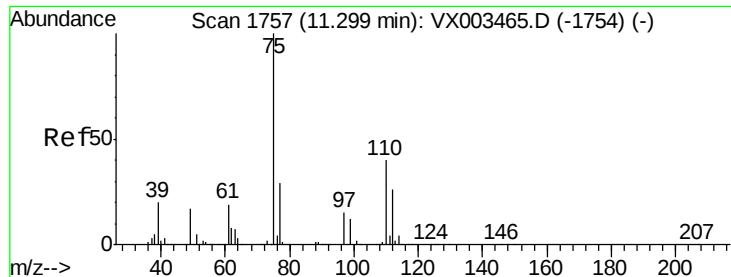
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003611.D
Acq: 23 Jul 2018 18:16

Tgt Ion:152 Resp: 183707
Ion Ratio Lower Upper
152 100
115 54.9 40.1 120.2
150 156.8 0.0 347.2



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: 25.182 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

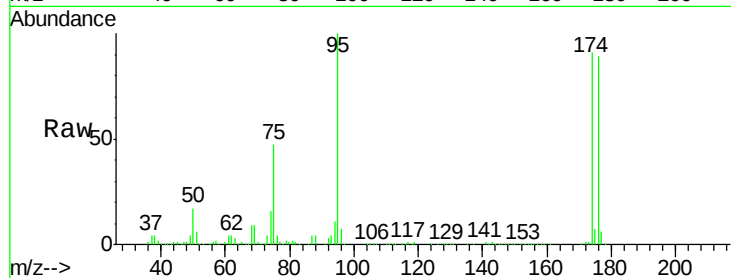
YT-MW-8

Tgt Ion: 75 Resp: 83108

Ion Ratio Lower Upper

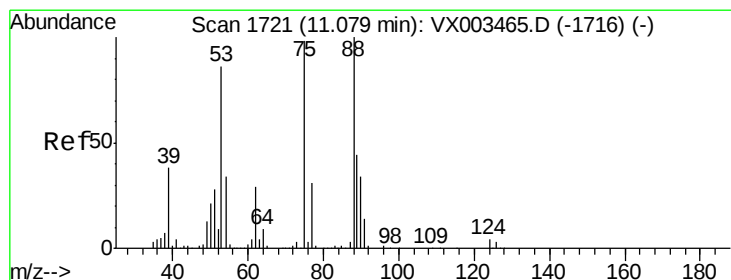
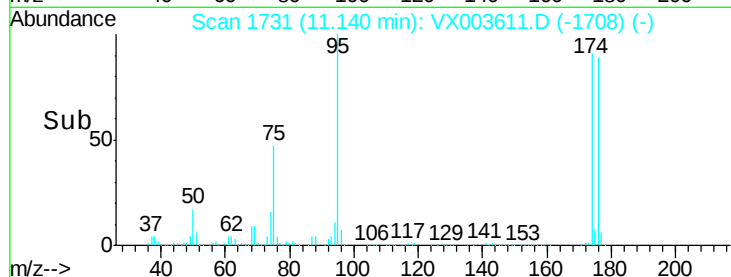
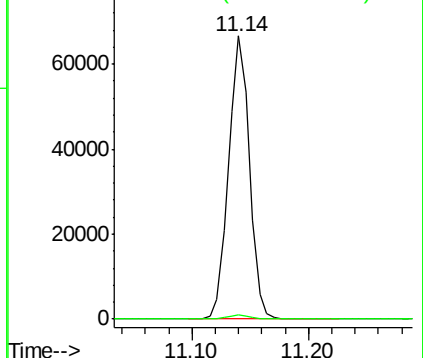
75 100

77 1.5 22.8 68.3#



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: 70.502 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003611.D

Acq: 23 Jul 2018 18:16

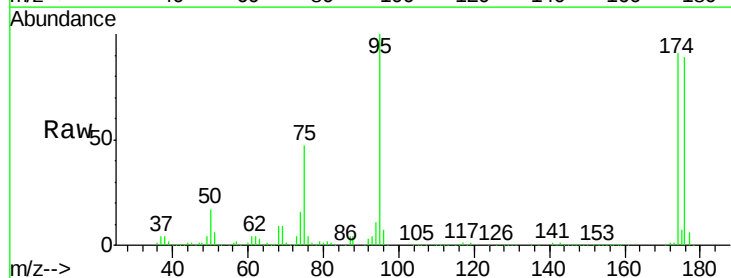
Tgt Ion: 75 Resp: 83108

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

89 0.0 38.2 57.2#



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

