

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003634.D
 Acq On : 24 Jul 2018 05:49
 Operator : JC/SP
 Sample : J4073-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 09:12:17 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	245146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	355283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185954	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	138416	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
35) Dibromofluoromethane	5.51	113	130676	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
50) Toluene-d8	8.72	98	487103	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.14	95	167105	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	

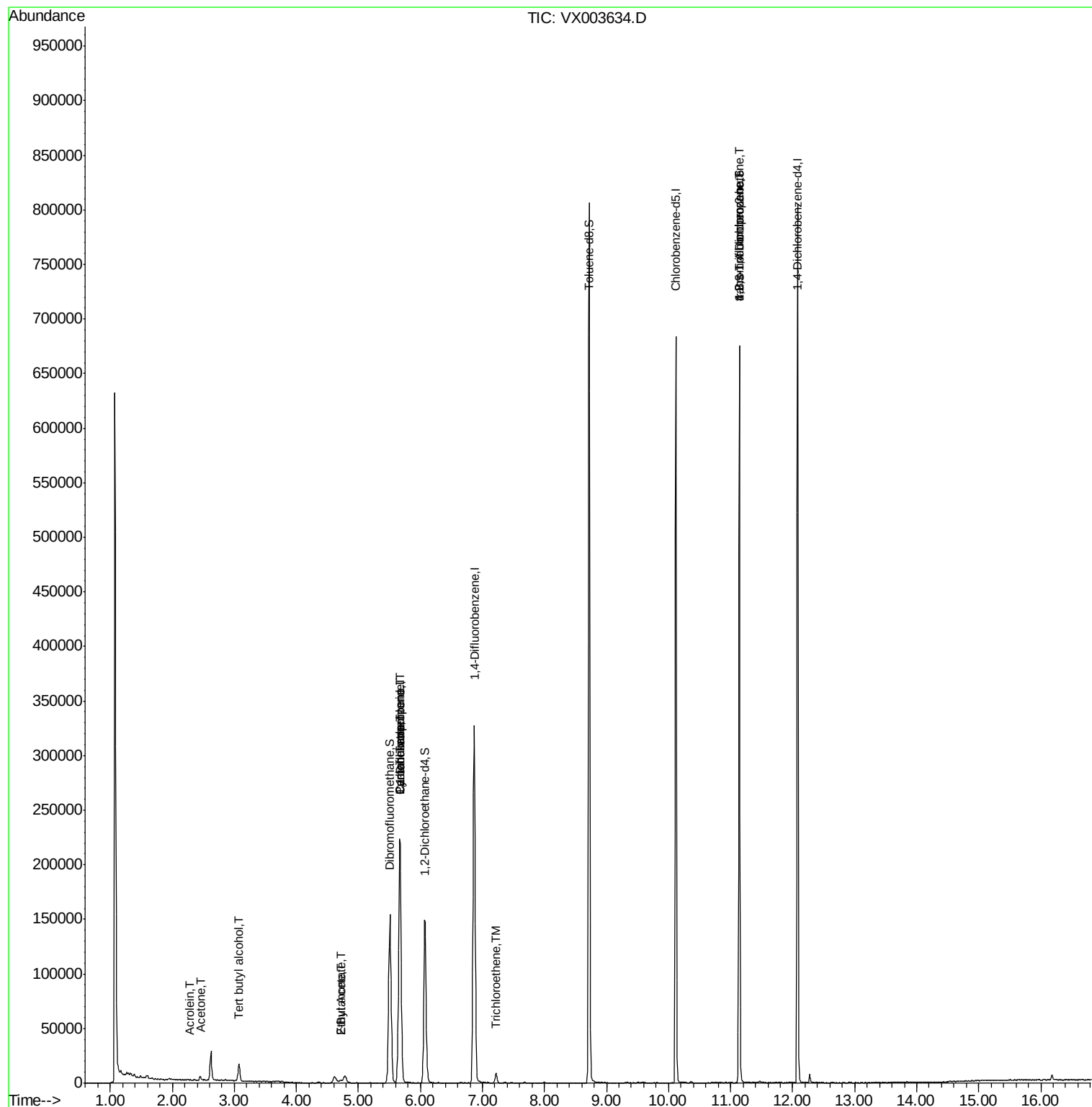
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	856	Below Cal		92
5) Bromomethane	1.60	94	166	Below Cal	#	3
11) Tert butyl alcohol	3.07	59	19985	34.80	ug/l	100
13) Acrolein	2.29	56	76	0.29	ug/l	84
16) Acetone	2.45	43	3715	3.39	ug/l	# 87
20) Methylene Chloride	2.86	84	181	Below Cal	#	54
25) 2-Butanone	4.71	43	4524	2.46	ug/l	96
31) Cyclohexane	5.67	56	3430	0.78	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	14114	3.68	ug/l	# 50
37) Ethyl Acetate	4.71	43	4524	1.25	ug/l	# 70
38) Carbon Tetrachloride	5.67	117	19739	5.25	ug/l	# 18
44) Trichloroethene	7.22	130	3992	1.16	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	76033	22.76	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.14	75	76033	63.95	ug/l	# 7

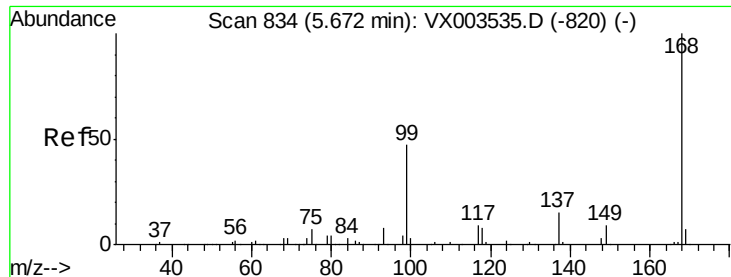
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072318\
Data File : VX003634.D
Acq On : 24 Jul 2018 05:49
Operator : JC/SP
Sample : J4073-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 24 09:12:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

Instrument :

MSVOA_X

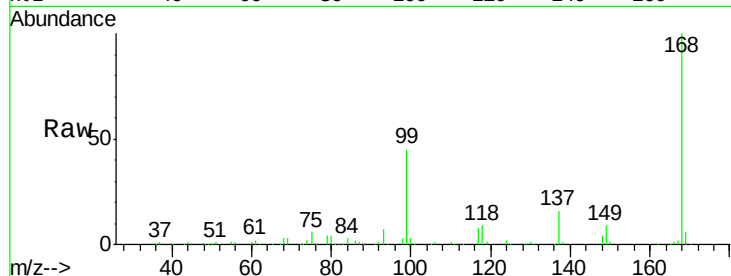
ClientSampleId :

Tot Ion:168 Resp: 245146

Ion Ratio Lower Upper

168 100

99 44.7 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

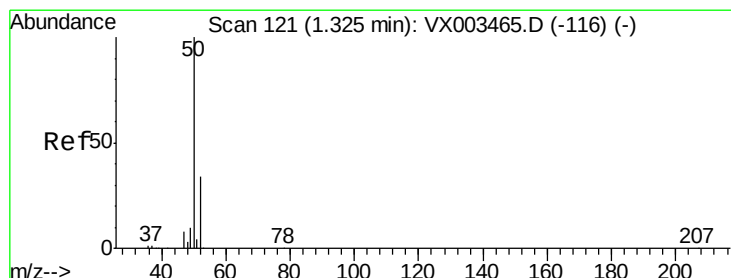
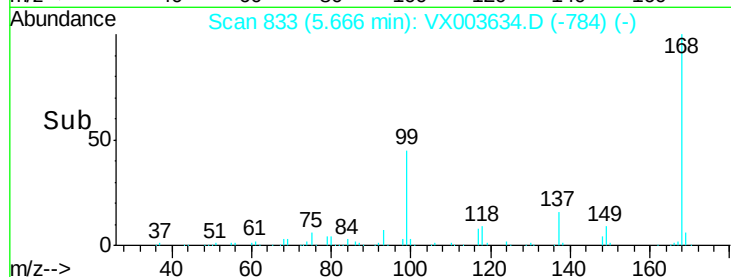
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003634.D

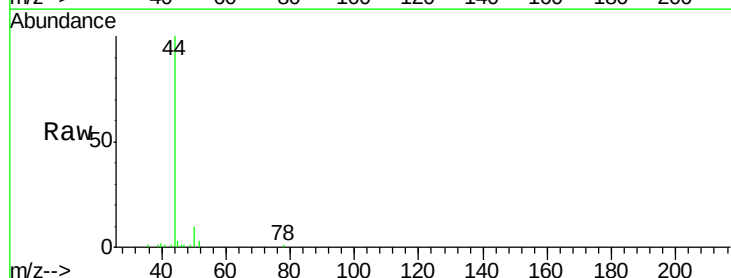
Acq: 24 Jul 2018 05:49

Tgt Ion: 50 Resp: 856

Ion Ratio Lower Upper

50 100

52 27.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

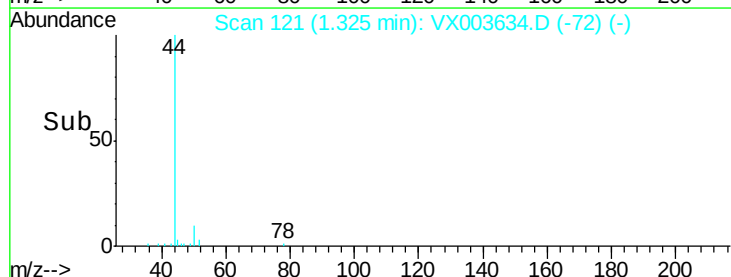
600

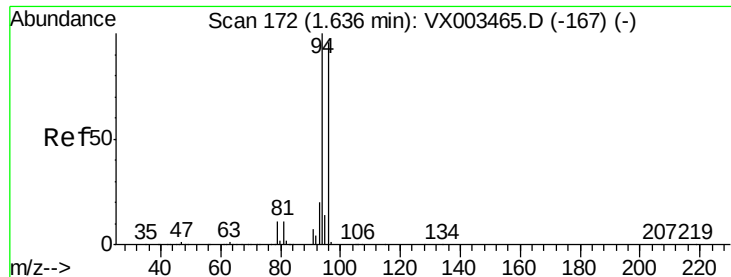
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 166

Delta R.T. -0.04 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

Instrument :

MSVOA_X

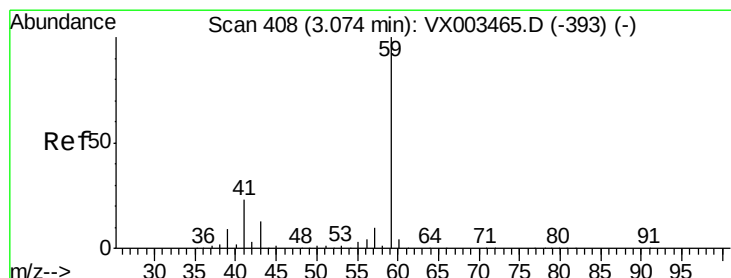
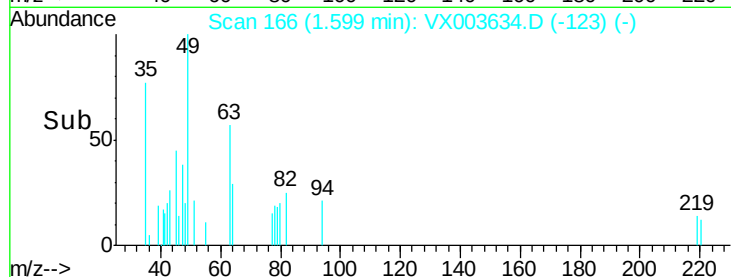
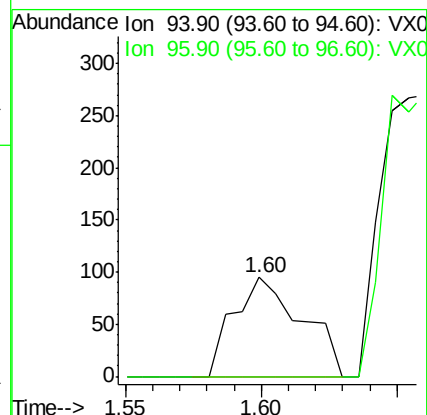
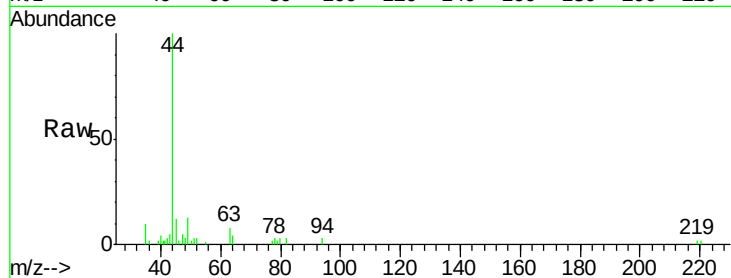
ClientSampleId :

Tot Ion: 94 Resp: 166

Ion Ratio Lower Upper

94 100

96 0.0 74.9 112.3#



#11

Tert butyl alcohol

Concen: 34.80 ug/l

RT: 3.07 min Scan# 408

Delta R.T. 0.00 min

Lab File: VX003634.D

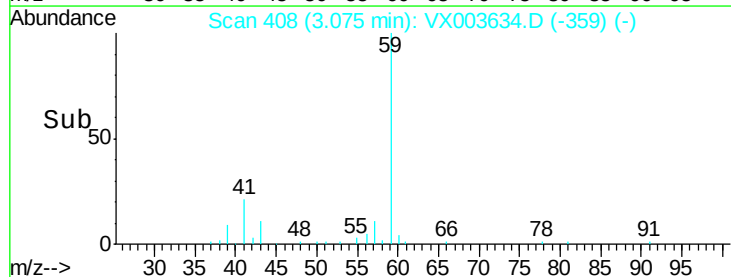
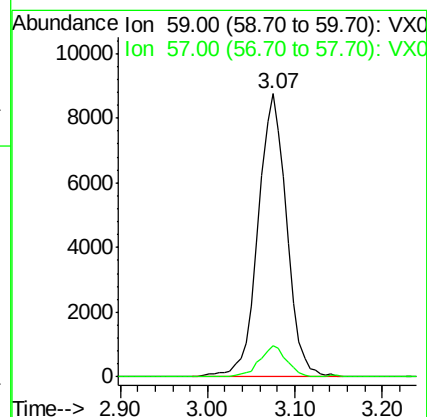
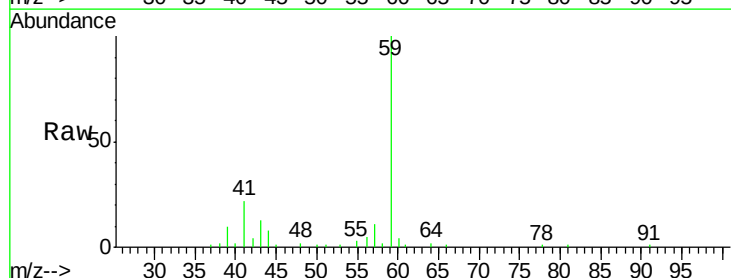
Acq: 24 Jul 2018 05:49

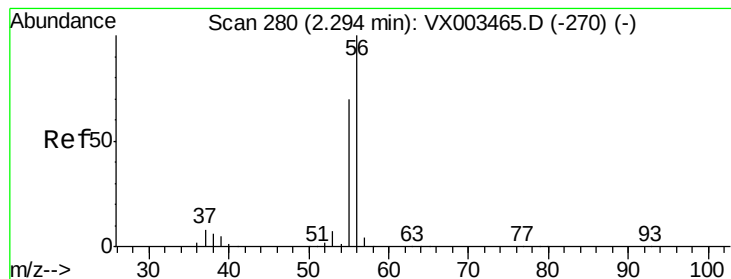
Tgt Ion: 59 Resp: 19985

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2





#13

Acrolein

Concen: 0.29 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

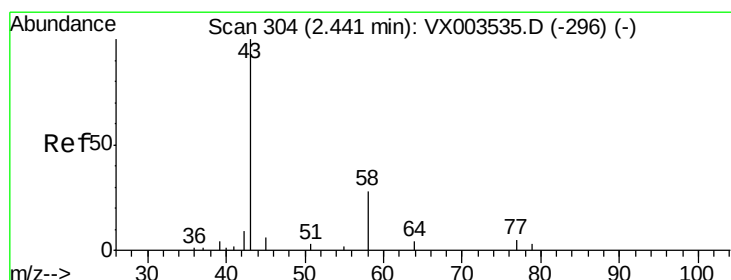
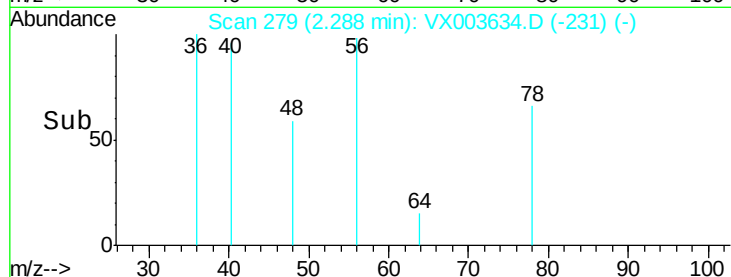
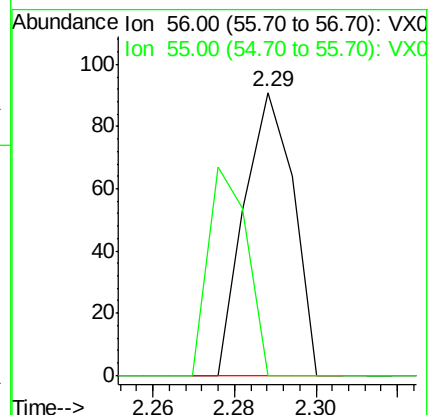
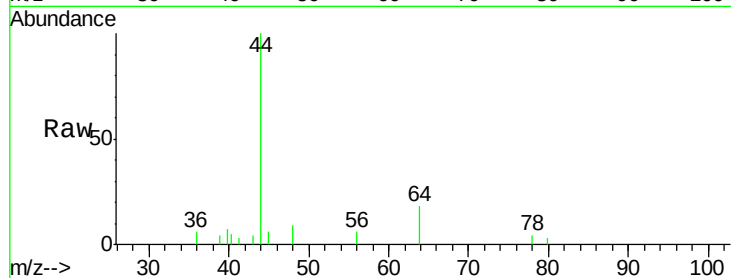
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 76

Ion Ratio Lower Upper

56 100

55 57.9 57.0 85.4



#16

Acetone

Concen: 3.39 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003634.D

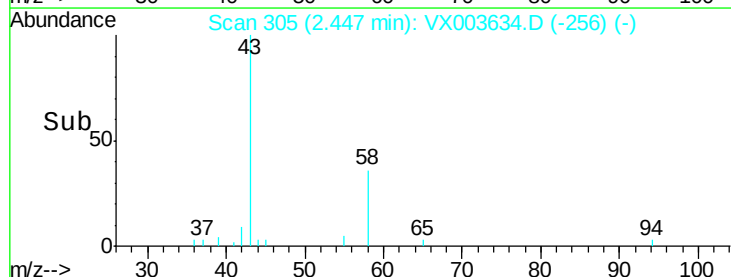
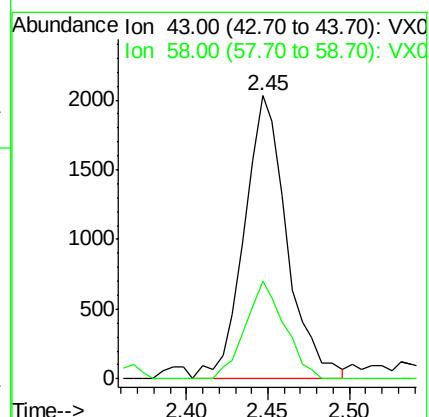
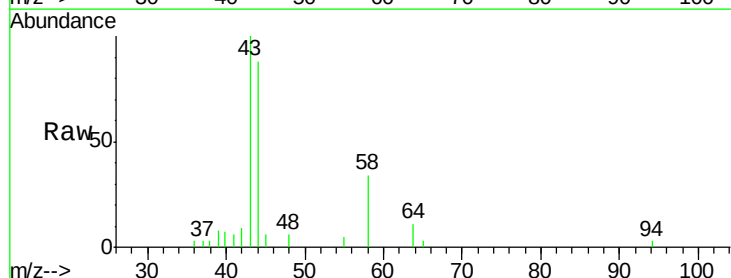
Acq: 24 Jul 2018 05:49

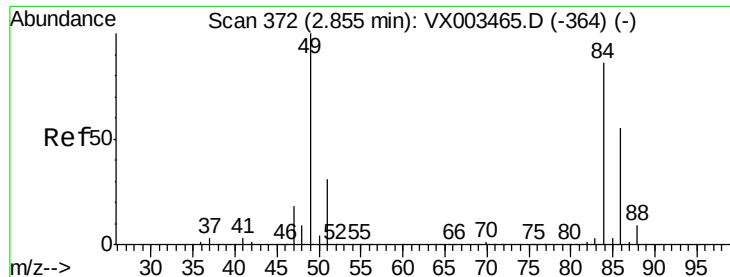
Tgt Ion: 43 Resp: 3715

Ion Ratio Lower Upper

43 100

58 34.4 22.1 33.1#





#20

Methvlene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 84 Resp: 181

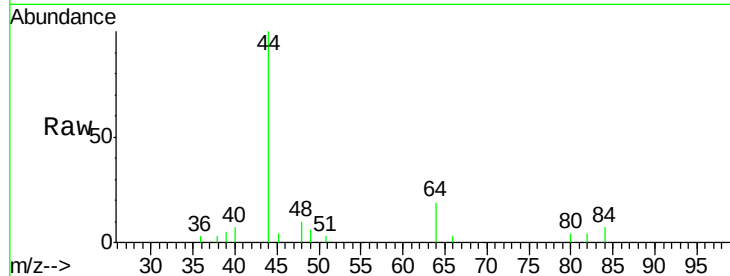
Ion Ratio Lower Upper

84 100

49 86.2 107.8 161.6#

51 44.7 32.8 49.2

86 0.0 52.5 78.7#

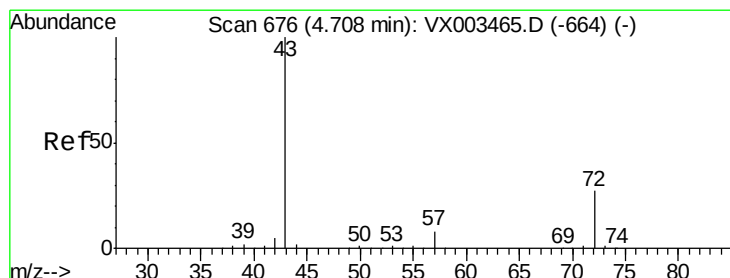
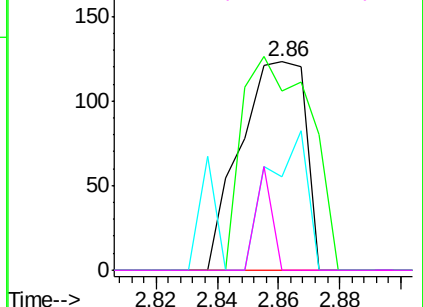
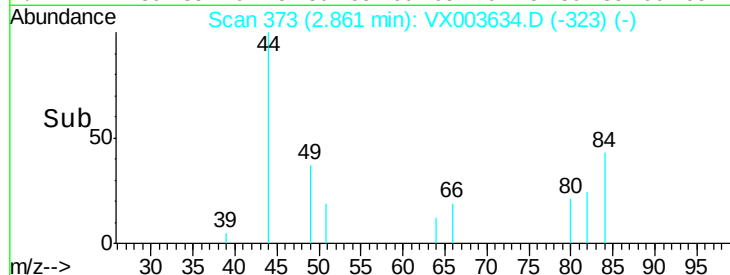


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 2.46 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003634.D

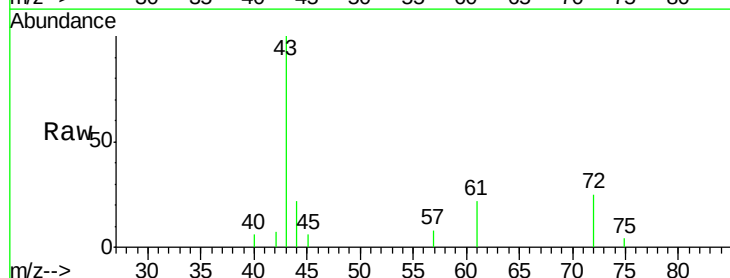
Acq: 24 Jul 2018 05:49

Tgt Ion: 43 Resp: 4524

Ion Ratio Lower Upper

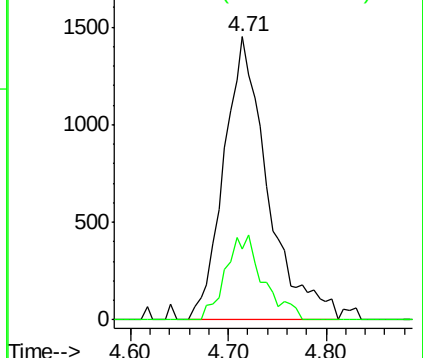
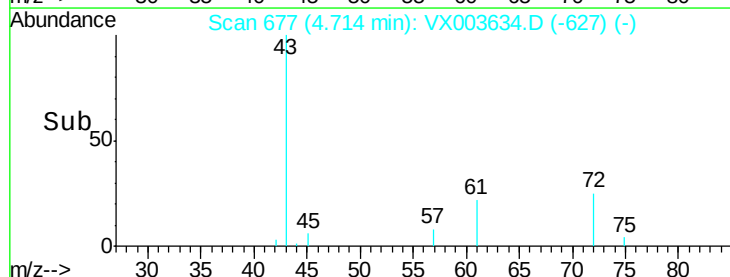
43 100

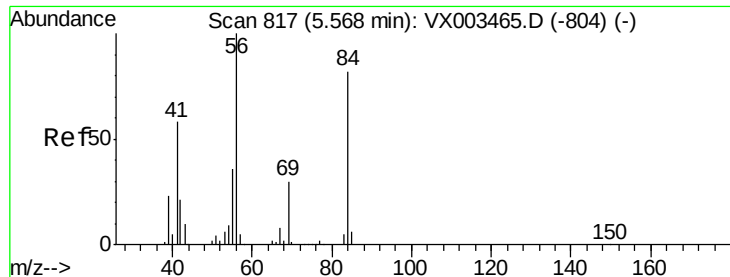
72 25.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

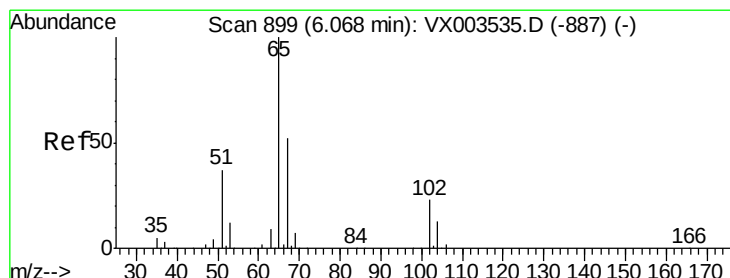
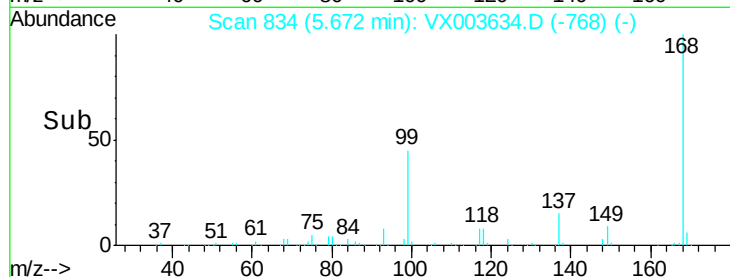
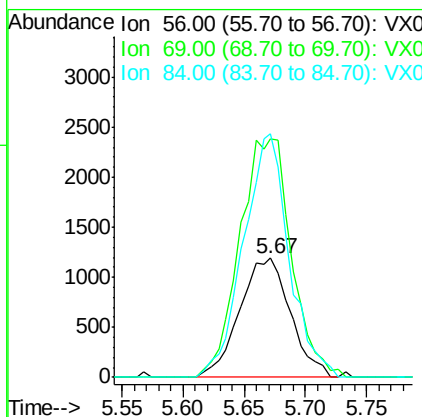
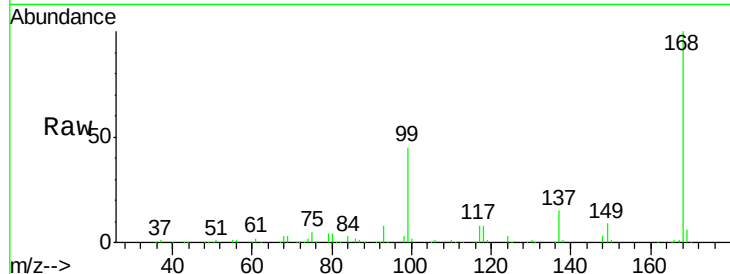




#31
Cyclohexane
Concen: 0.78 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.10 min
Lab File: VX003634.D
Acq: 24 Jul 2018 05:49

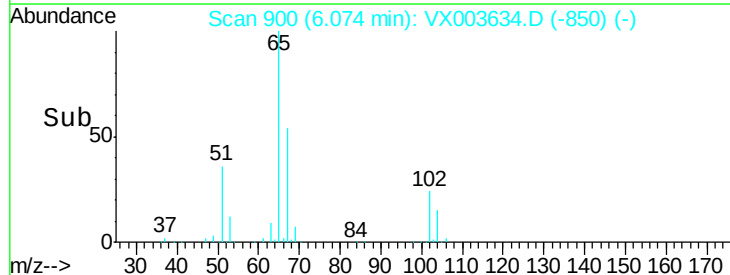
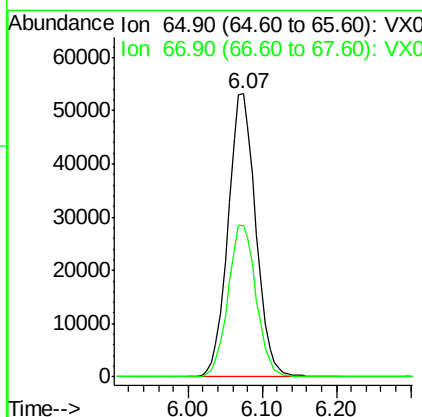
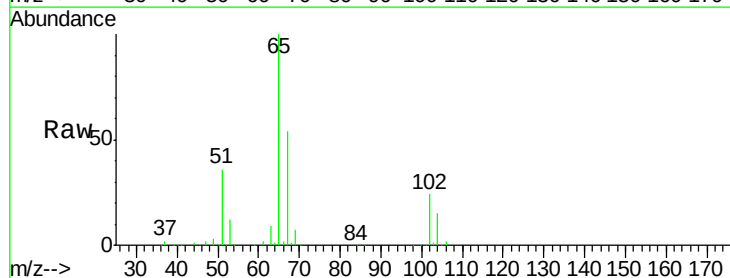
Instrument :
MSVOA_X
ClientSampleId :

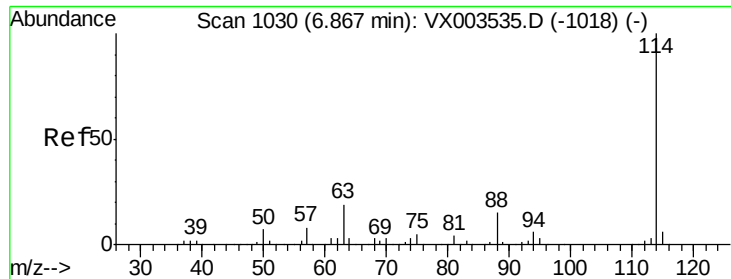
Tot Ion: 56 Resp: 3430
Ion Ratio Lower Upper
56 100
69 199.7 23.7 35.5#
84 204.3 64.1 96.1#



#33
1,2-Dichloroethane-d4
Concen: 47.70 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003634.D
Acq: 24 Jul 2018 05:49

Tgt Ion: 65 Resp: 138416
Ion Ratio Lower Upper
65 100
67 54.3 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

Instrument :
MSVOA_X
ClientSampleId :

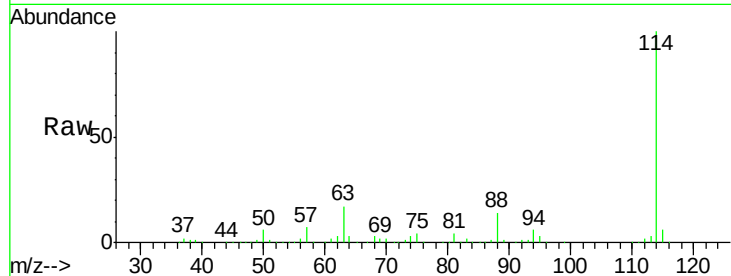
Tot Ion:114 Resp: 355283

Ion Ratio Lower Upper

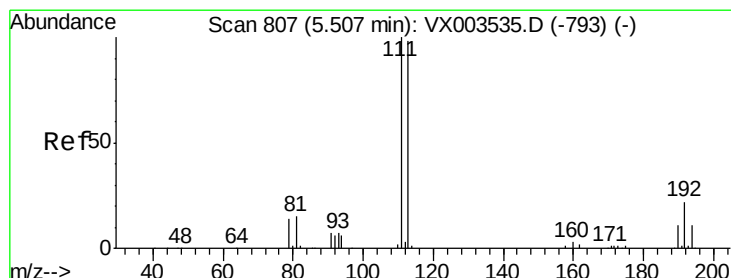
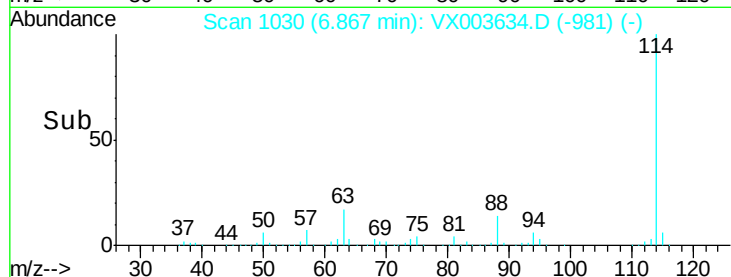
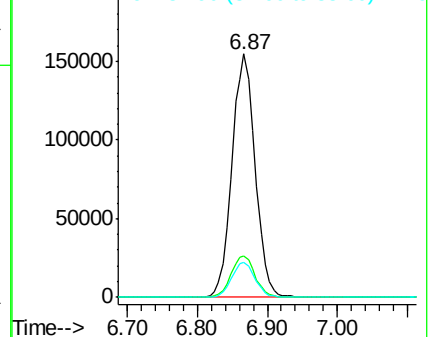
114 100

63 16.8 0.0 41.4

88 14.3 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: 48.29 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

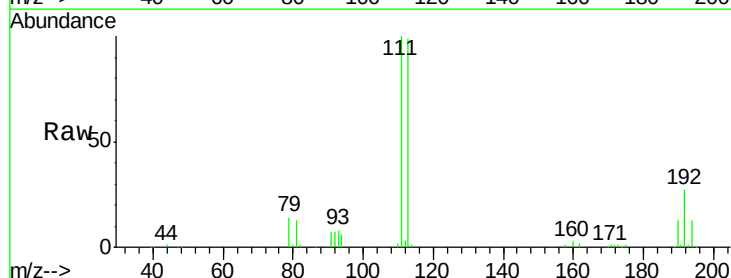
Tgt Ion:113 Resp: 130676

Ion Ratio Lower Upper

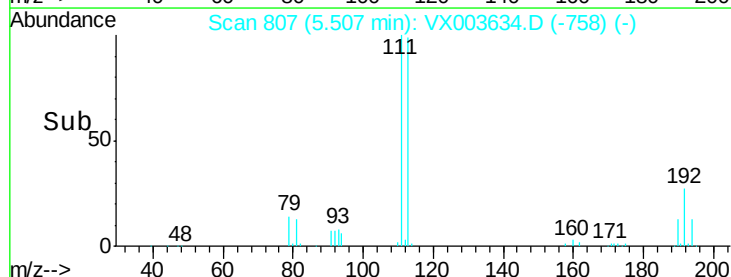
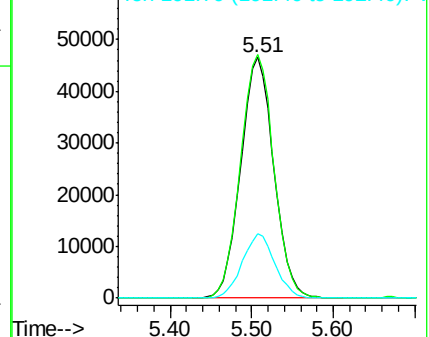
113 100

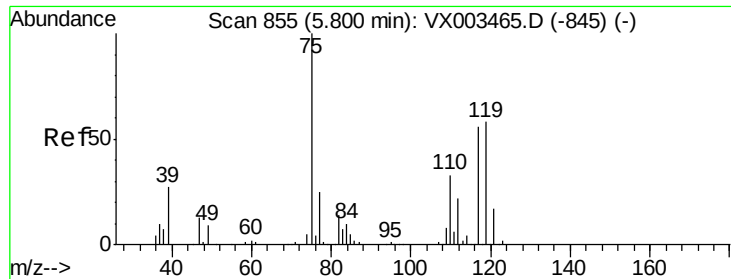
111 102.2 81.4 122.0

192 26.4 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

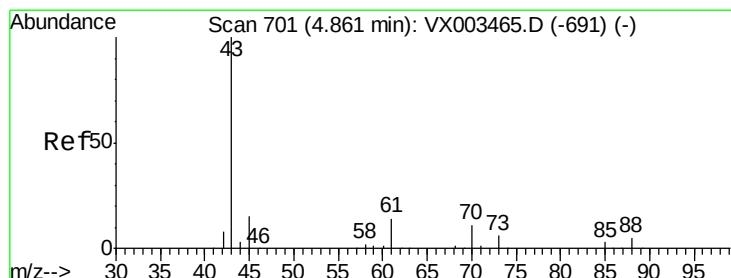
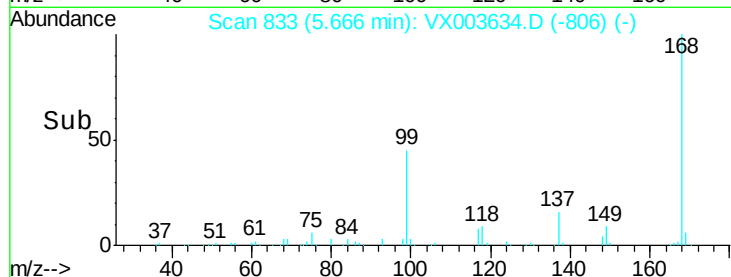
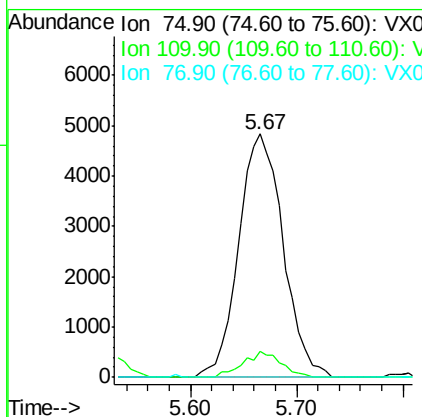
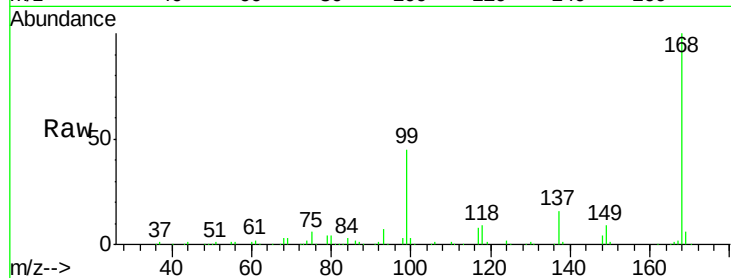




#36
 1,1-Dichloropropene
 Concen: 3.68 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003634.D
 Acq: 24 Jul 2018 05:49

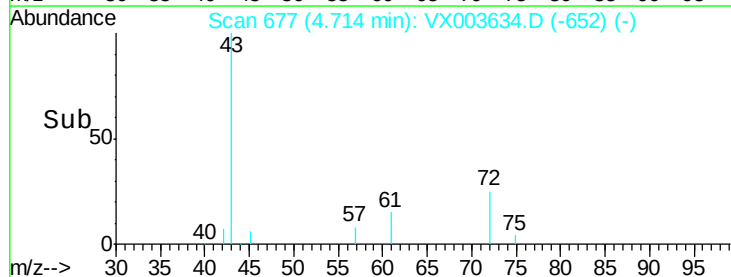
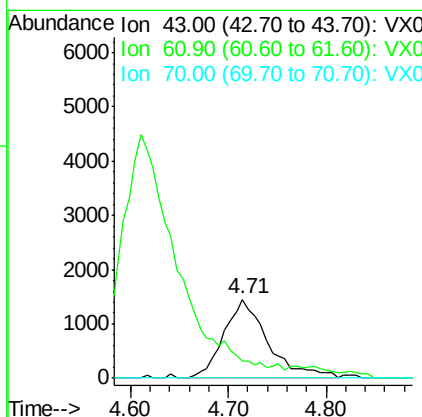
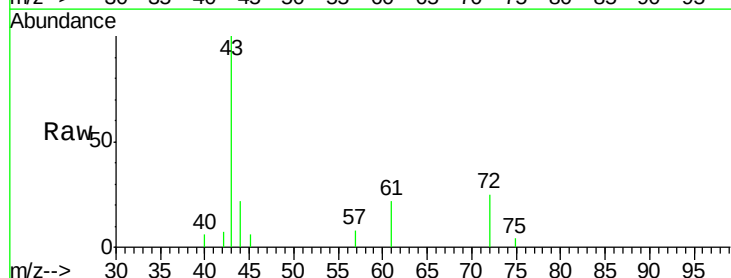
Instrument :
 MSVOA_X
 ClientSampled :

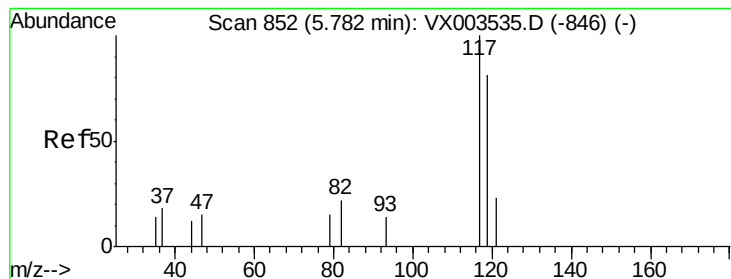
Tot Ion: 75 Resp: 14114
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.1 54.4#
 77 0.0 24.3 36.5#



#37
 Ethyl Acetate
 Concen: 1.25 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.15 min
 Lab File: VX003634.D
 Acq: 24 Jul 2018 05:49

Tgt Ion: 43 Resp: 4524
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.4 15.6#
 70 0.0 7.6 11.4#





#38

Carbon Tetrachloride

Concen: 5.25 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

Instrument :

MSVOA_X

ClientSampleId :

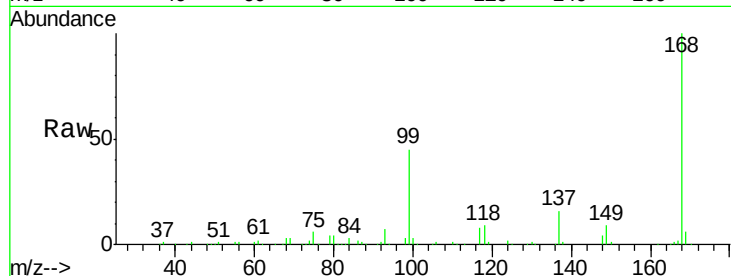
Tot Ion:117 Resp: 19739

Ion Ratio Lower Upper

117 100

119 7.8 77.4 116.0#

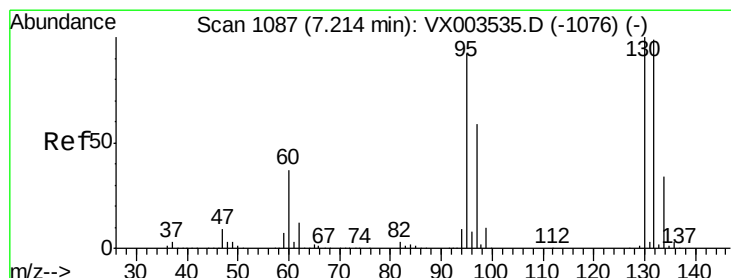
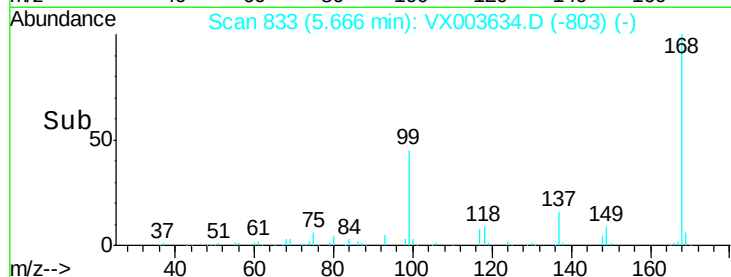
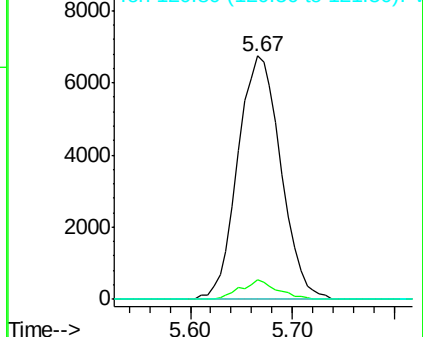
121 0.0 24.4 36.6#



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



#44

Trichloroethene

Concen: 1.16 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003634.D

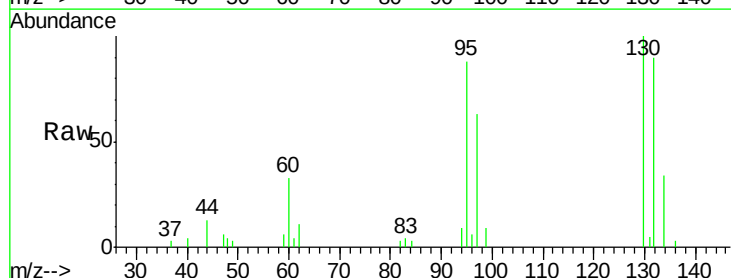
Acq: 24 Jul 2018 05:49

Tgt Ion:130 Resp: 3992

Ion Ratio Lower Upper

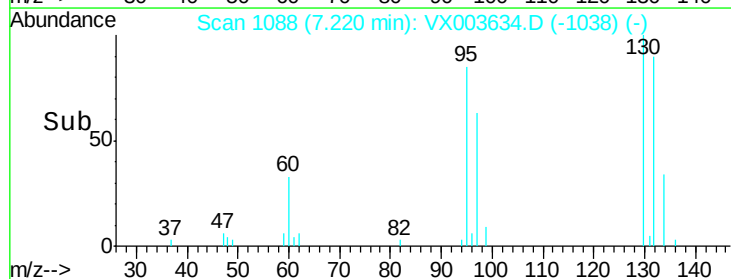
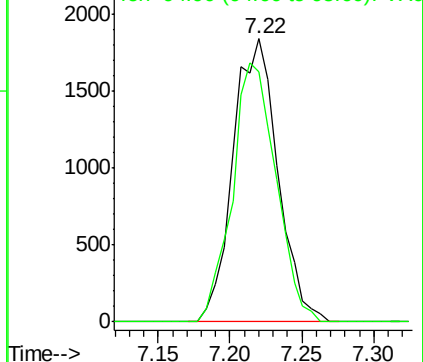
130 100

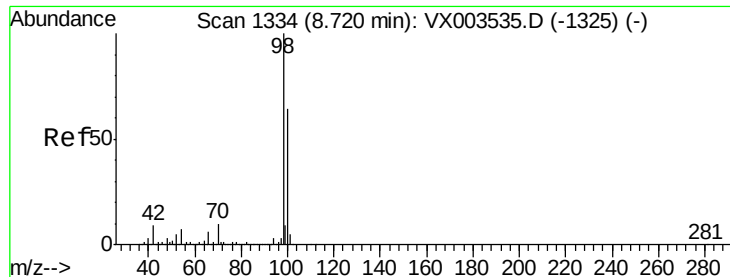
95 88.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 47.89 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

Instrument :

MSVOA_X

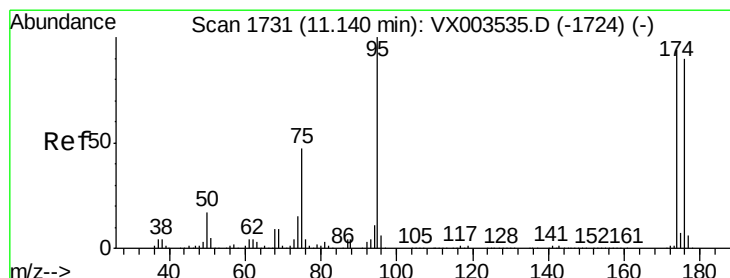
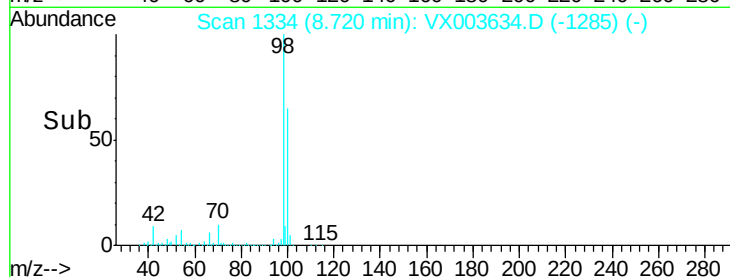
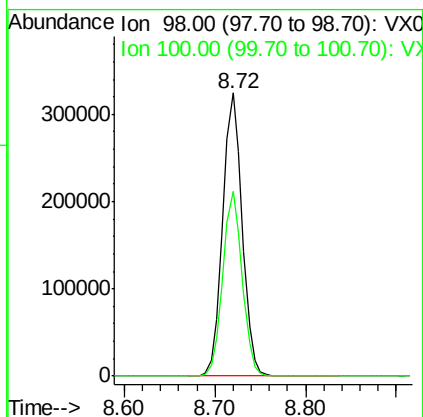
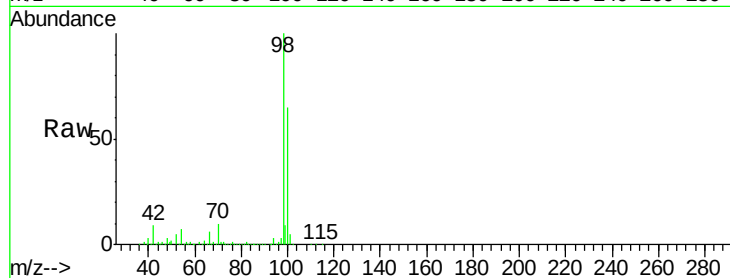
ClientSampleId :

Tot Ion: 98 Resp: 487103

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 45.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

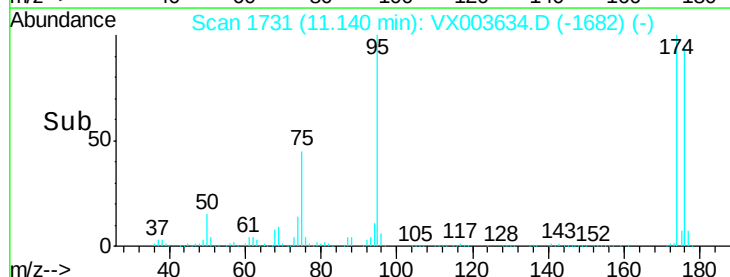
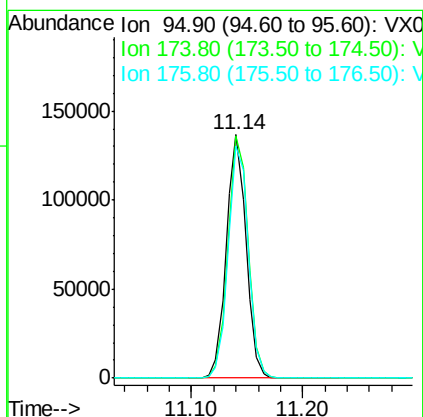
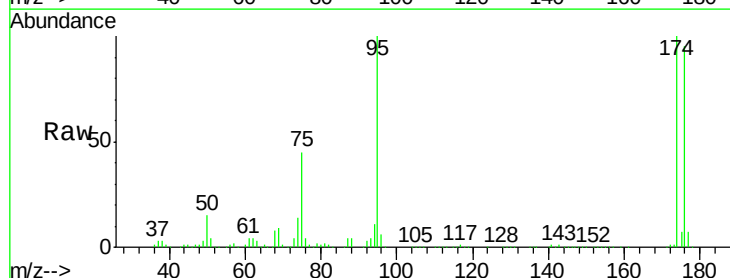
Tgt Ion: 95 Resp: 167105

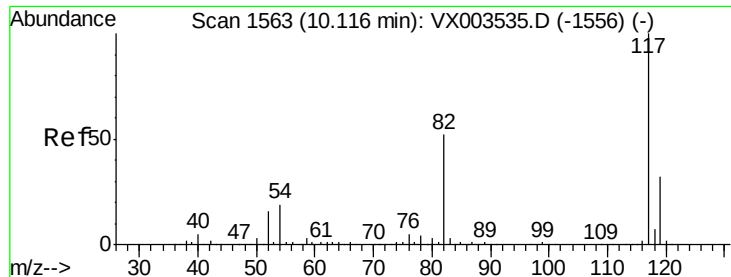
Ion Ratio Lower Upper

95 100

174 102.2 0.0 187.4

176 97.8 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

Instrument :

MSVOA_X

ClientSampleId :

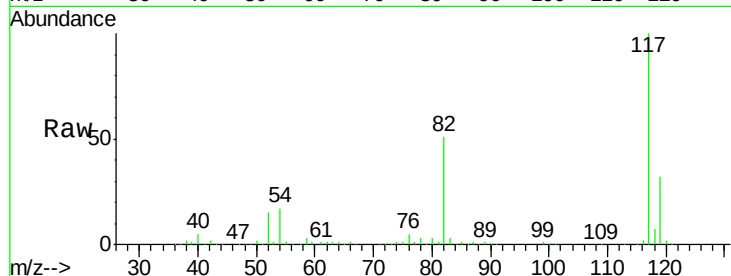
Tot Ion:117 Resp: 330170

Ion Ratio Lower Upper

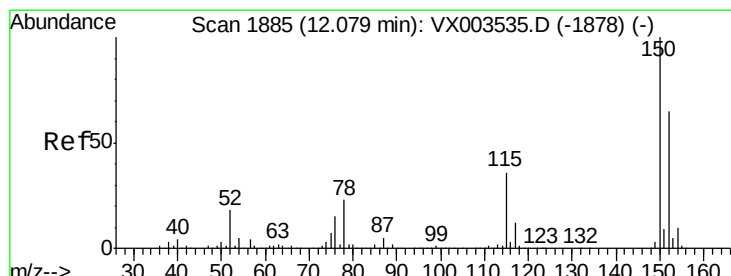
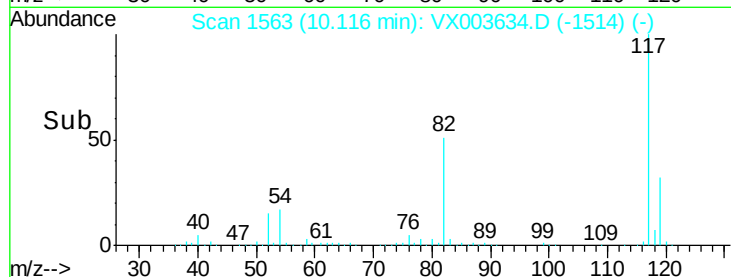
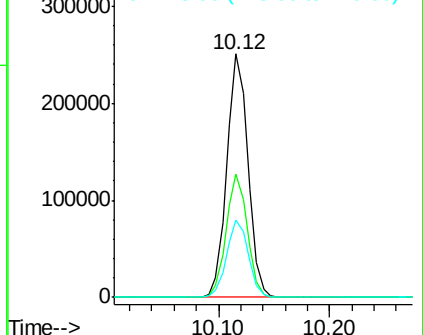
117 100

82 50.7 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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

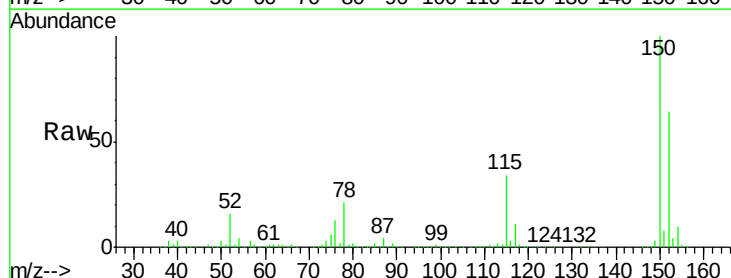
Tgt Ion:152 Resp: 185954

Ion Ratio Lower Upper

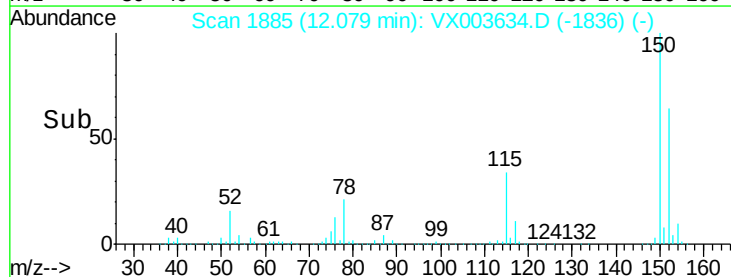
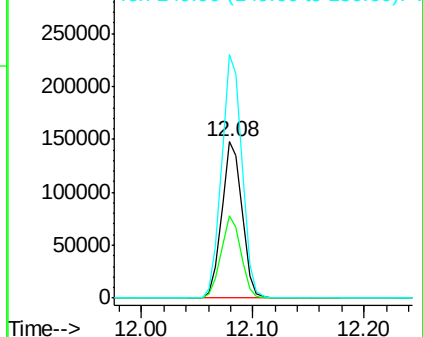
152 100

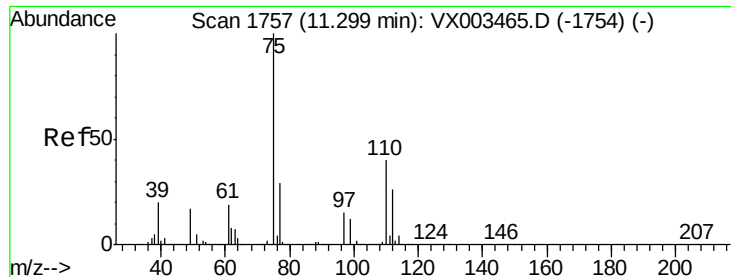
115 51.9 40.1 120.2

150 156.5 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: 22.76 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

Instrument :

MSVOA_X

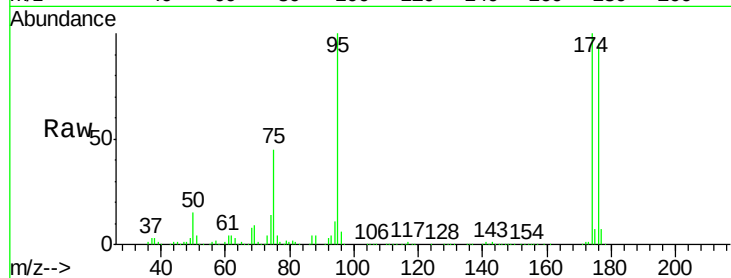
ClientSampleId :

Tot Ion: 75 Resp: 76033

Ion Ratio Lower Upper

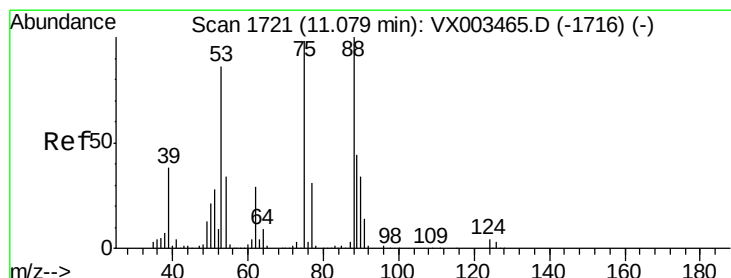
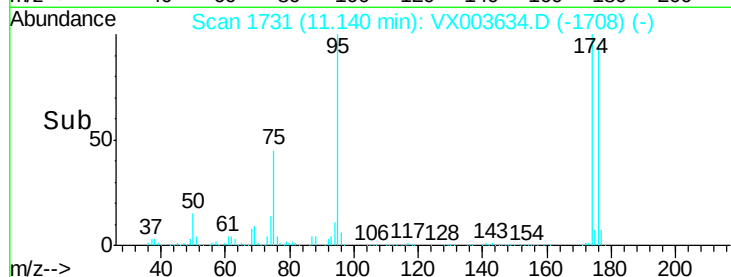
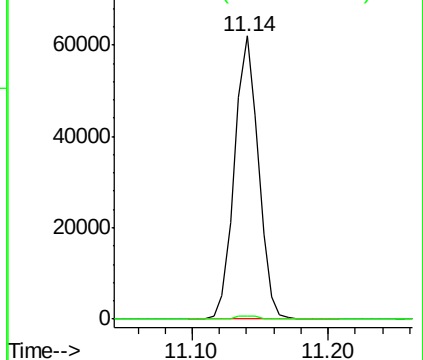
75 100

77 1.3 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: 63.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

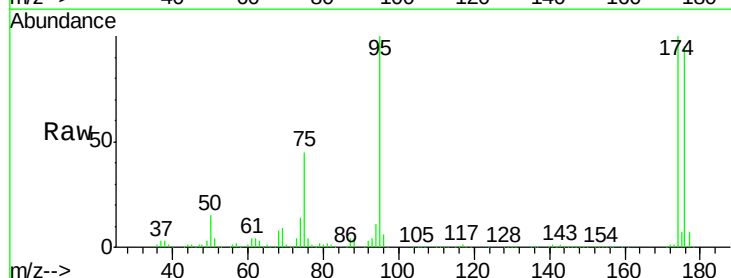
Tgt Ion: 75 Resp: 76033

Ion Ratio Lower Upper

75 100

53 0.1 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

