

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
 Data File : VX007005.D
 Acq On : 11 Jan 2019 11:30
 Operator : JC/MD
 Sample : VX0111WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBL01

Quant Time: Jan 11 11:53:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	611892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	946916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	863950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428539	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	326933	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	5.51	113	289206	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	8.71	98	1114145	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	402678	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	

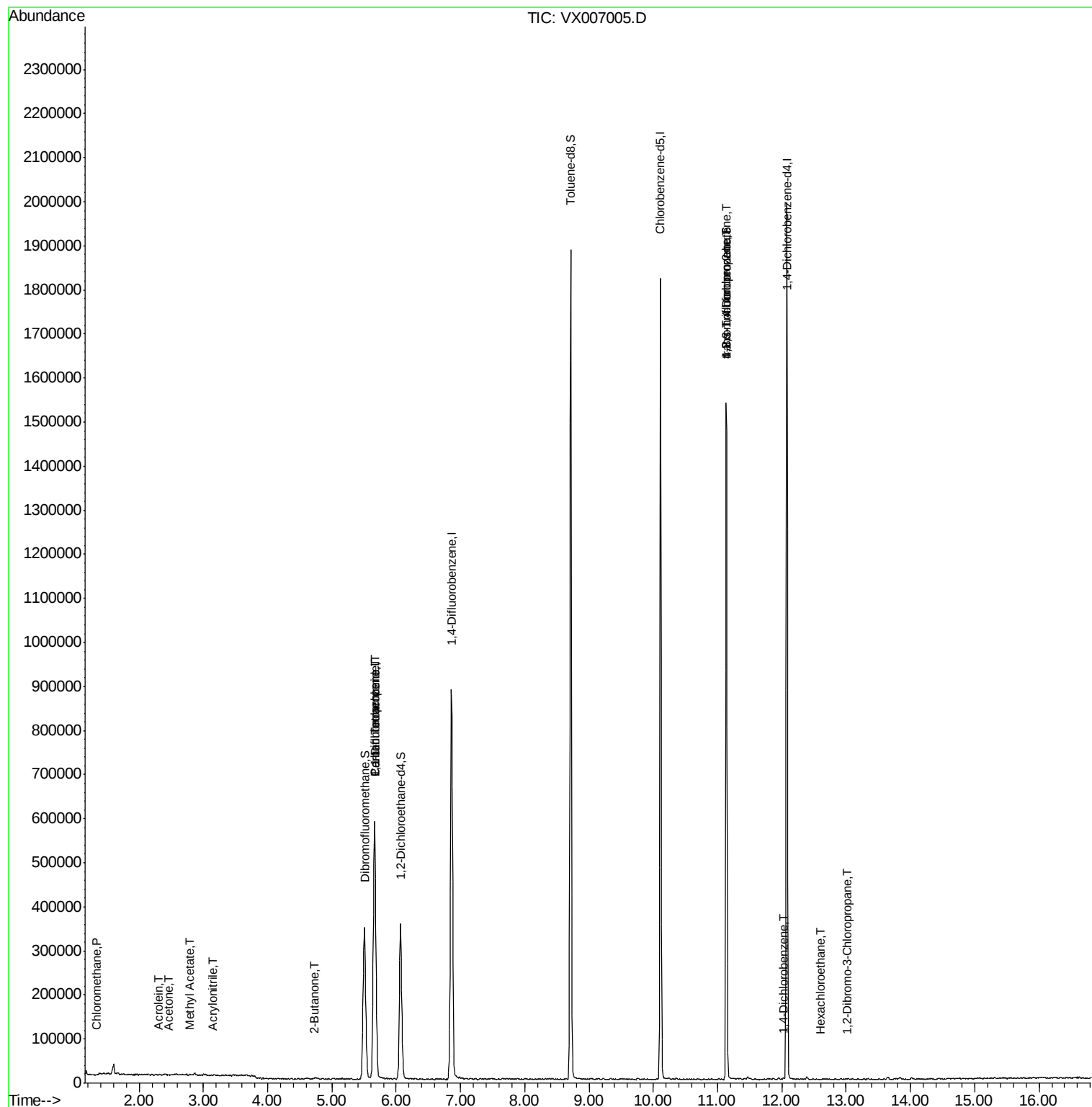
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.34	50	1410	0.241	ug/l #	70
13) Acrolein	2.30	56	342	3.603	ug/l #	75
15) Acrylonitrile	3.15	53	1157	0.334	ug/l #	56
16) Acetone	2.45	43	1142	0.361	ug/l	98
18) Methyl Acetate	2.79	43	2220	0.242	ug/l	98
20) Methylene Chloride	2.86	84	2335	Below Cal	#	84
25) 2-Butanone	4.73	43	1106	0.245	ug/l #	47
36) 1,1-Dichloropropene	5.67	75	38545	4.682	ug/l #	49
38) Carbon Tetrachloride	5.67	117	55467	6.696	ug/l #	12
49) 1,4-Dioxane	7.74	88	503	Below Cal	#	75
76) 1,2,3-Trichloropropane	11.13	75	193556	22.288	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	193556	65.957	ug/l #	10
88) 1,4-Dichlorobenzene	12.02	146	976	0.213	ug/l	93
90) Hexachloroethane	12.60	117	82	2.926	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	407	0.215	ug/l #	6

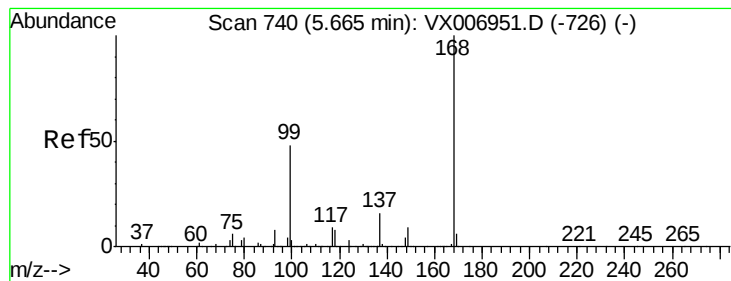
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0111WBL01

Quant Time: Jan 11 11:53:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

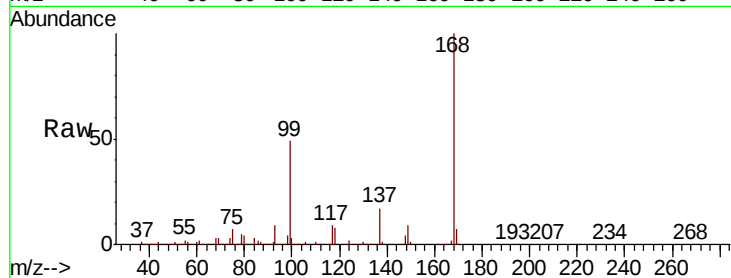
VX0111WBL01

Tgt Ion:168 Resp: 611892

Ion Ratio Lower Upper

168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

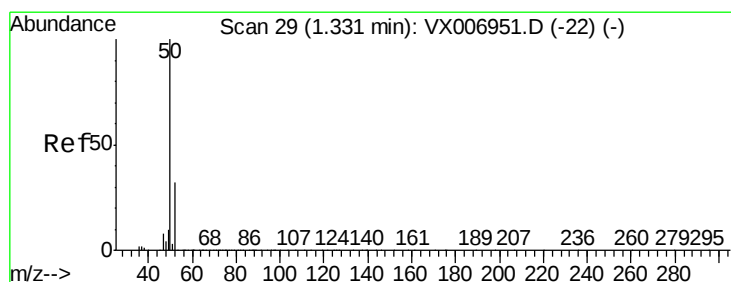
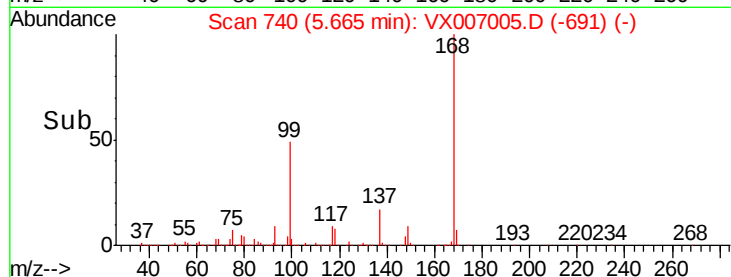
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.241 ug/l

RT: 1.34 min Scan# 30

Delta R.T. 0.01 min

Lab File: VX007005.D

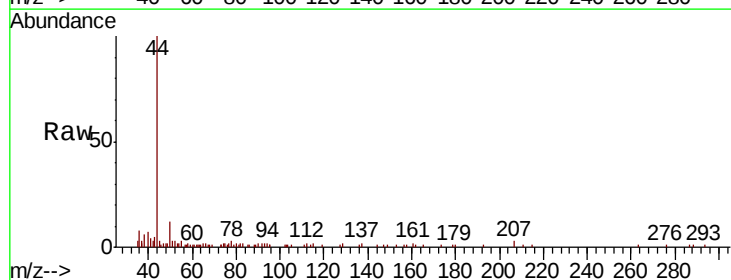
Acq: 11 Jan 2019 11:30

Tgt Ion: 50 Resp: 1410

Ion Ratio Lower Upper

50 100

52 15.3 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.34

800

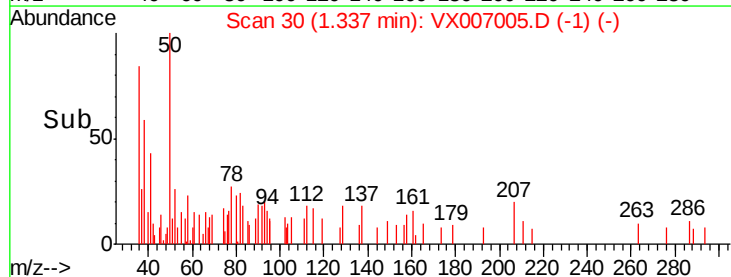
600

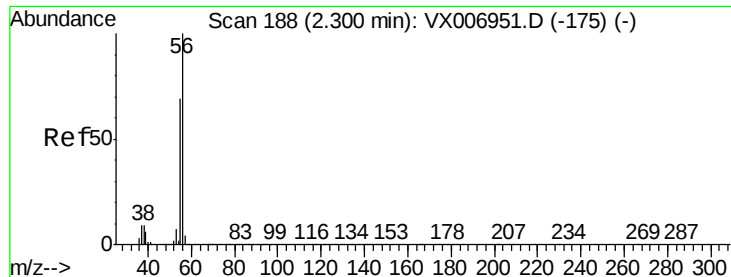
400

200

0

Time-->





#13

Acrolein

Concen: 3.603 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

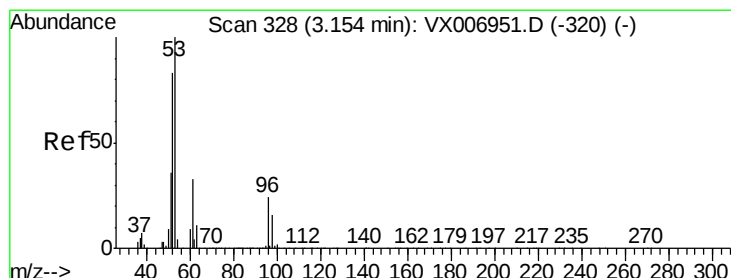
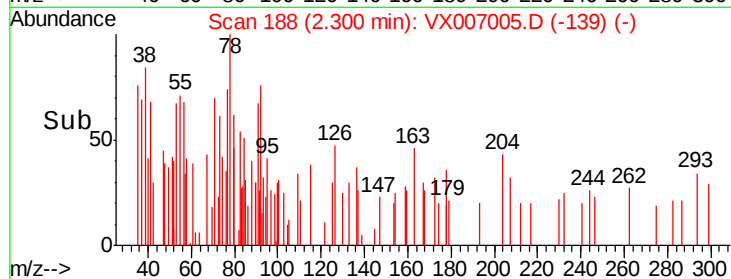
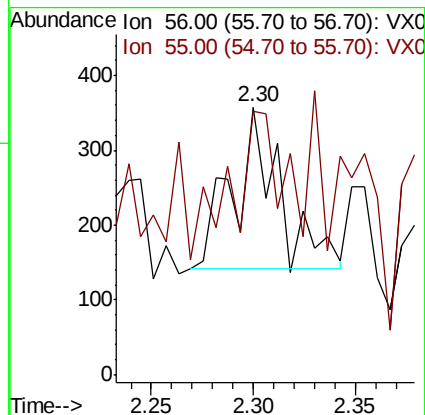
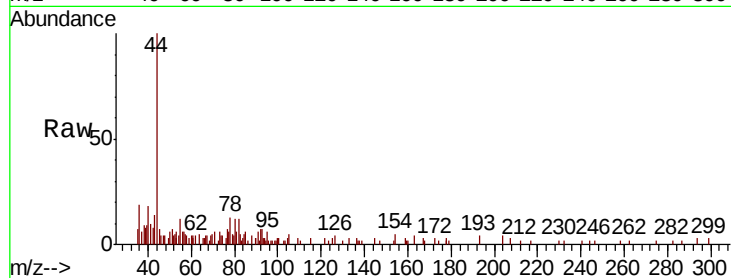
VX0111WBL01

Tgt Ion: 56 Resp: 342

Ion Ratio Lower Upper

56 100

55 51.5 58.2 87.4#



#15

Acrylonitrile

Concen: 0.334 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

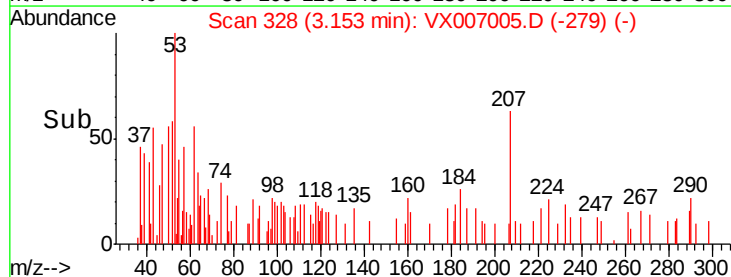
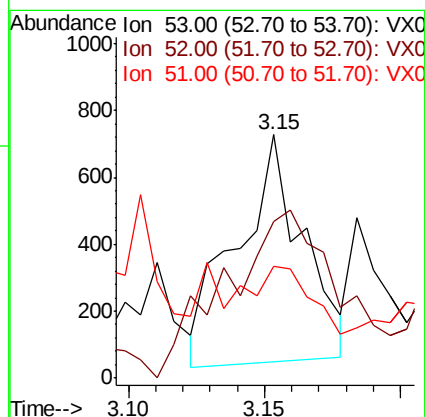
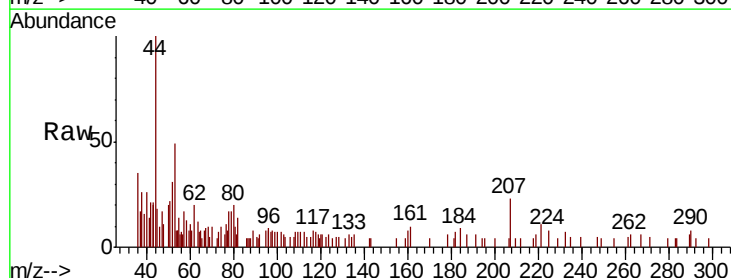
Tgt Ion: 53 Resp: 1157

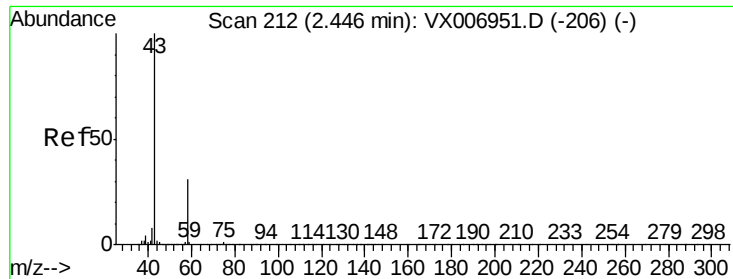
Ion Ratio Lower Upper

53 100

52 125.7 66.0 99.0#

51 15.9 28.6 42.8#

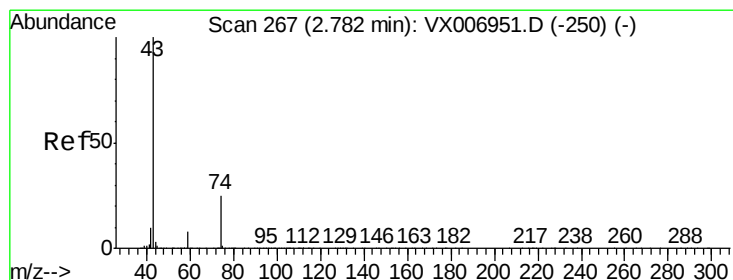
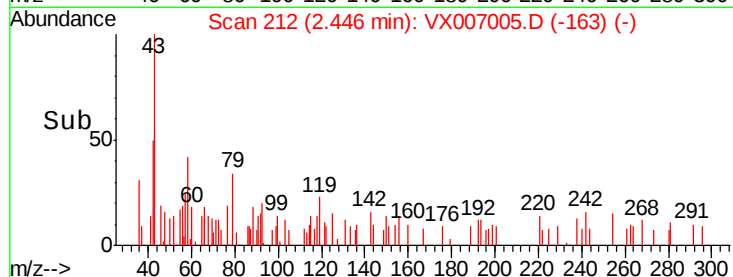
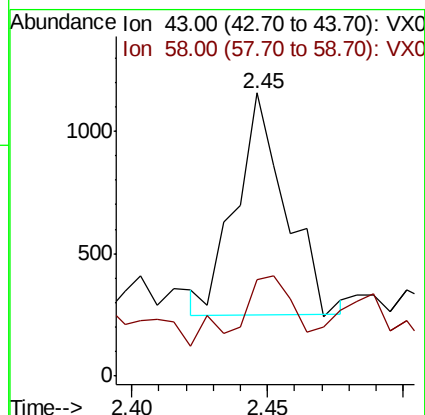
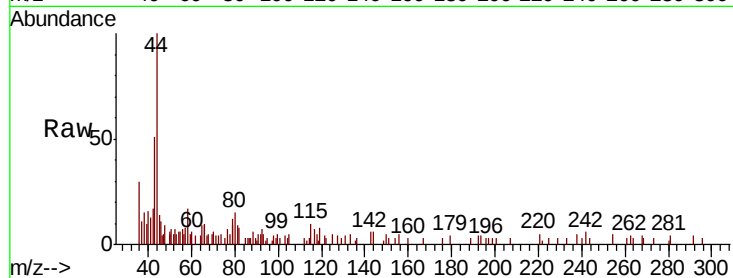




#16
Acetone
Concen: 0.361 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007005.D
Acq: 11 Jan 2019 11:30

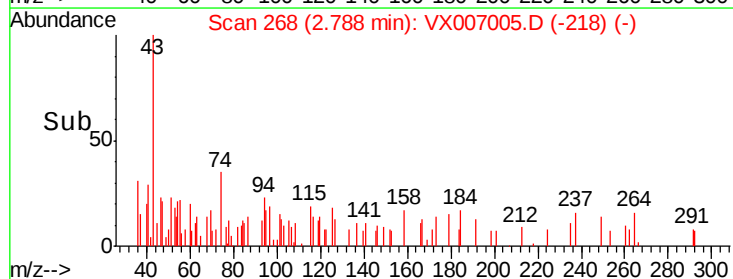
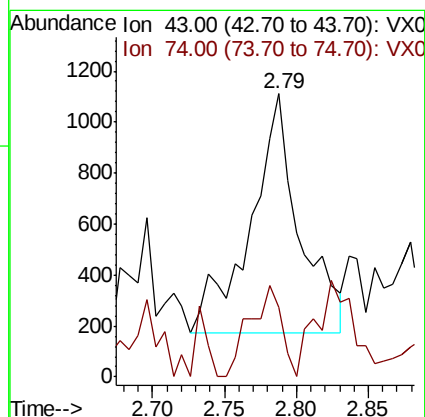
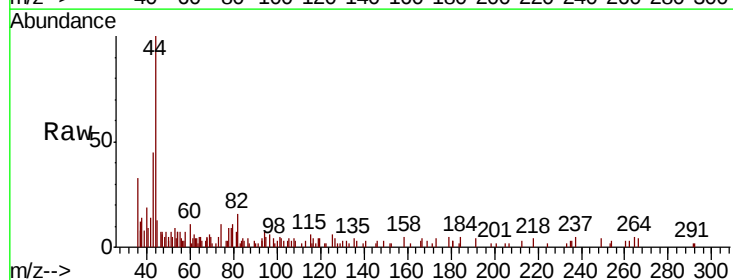
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL01

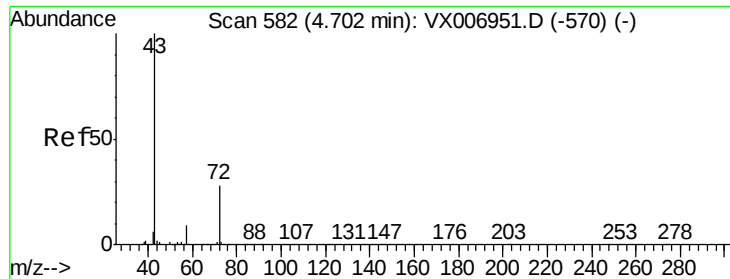
Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 32.3 25.0 37.6



#18
Methyl Acetate
Concen: 0.242 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX007005.D
Acq: 11 Jan 2019 11:30

Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
74 24.4 18.6 28.0





#25

2-Butanone

Concen: 0.245 ug/l

RT: 4.73 min Scan# 586

Delta R.T. 0.02 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

Instrument :

MSVOA_X

ClientSampled :

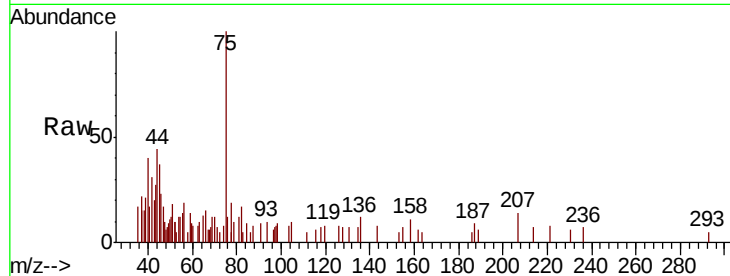
VX0111WBL01

Tgt Ion: 43 Resp: 1106

Ion Ratio Lower Upper

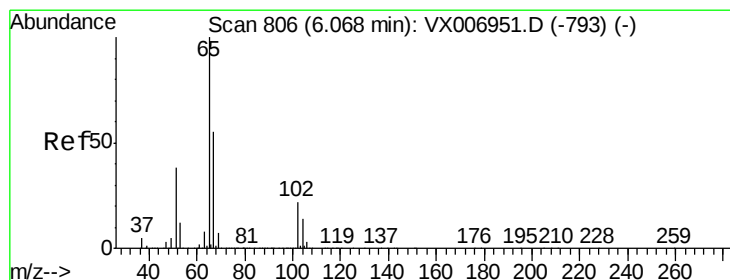
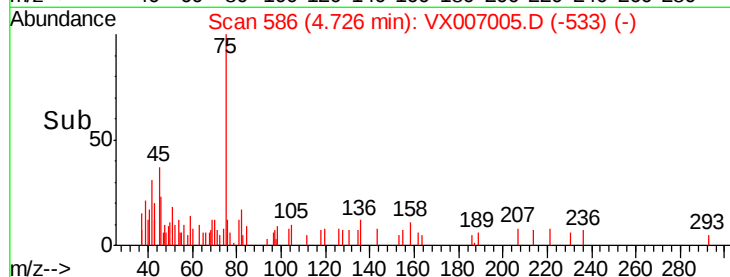
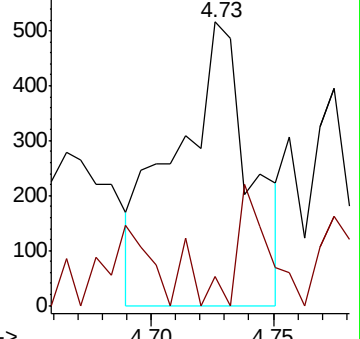
43 100

72 0.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.125 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007005.D

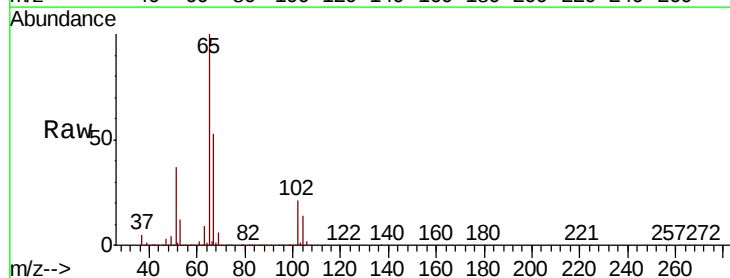
Acq: 11 Jan 2019 11:30

Tgt Ion: 65 Resp: 326933

Ion Ratio Lower Upper

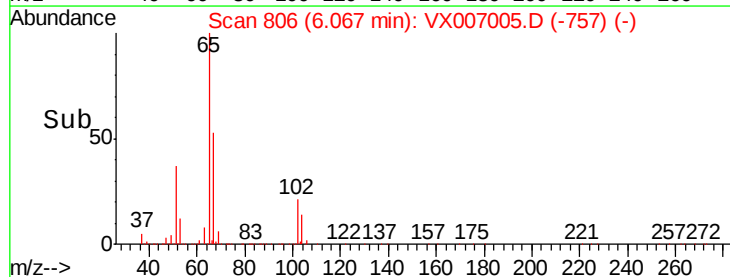
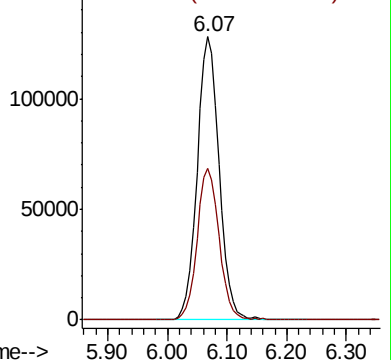
65 100

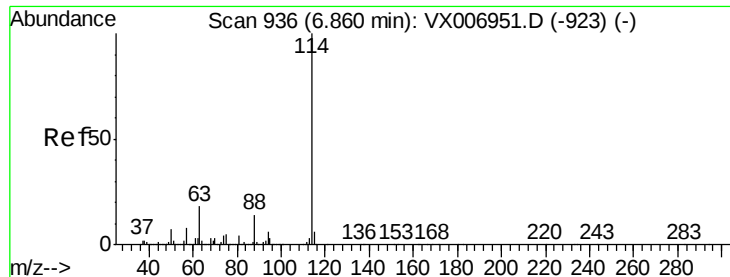
67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

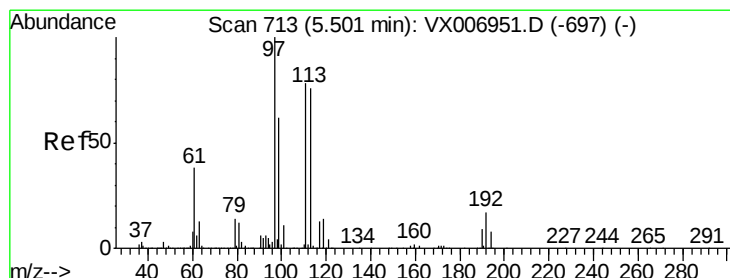
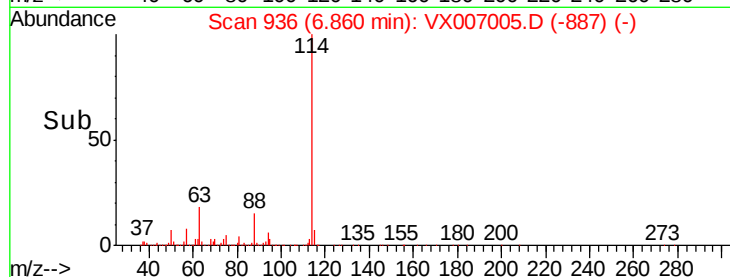
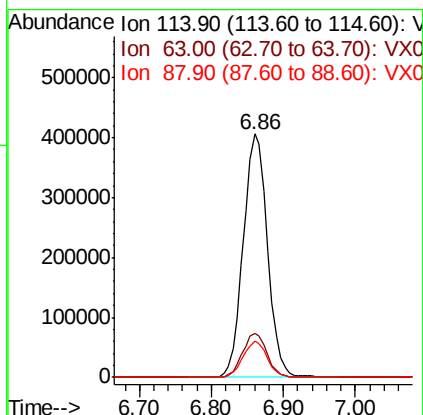
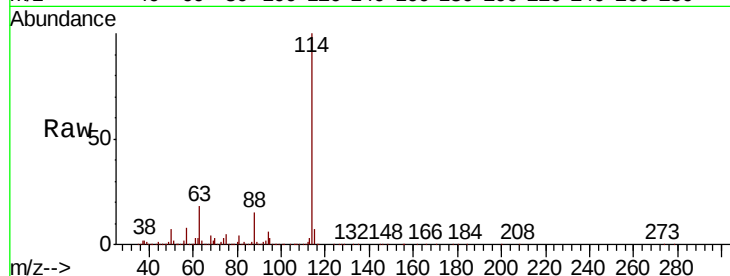




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007005.D
Acq: 11 Jan 2019 11:30

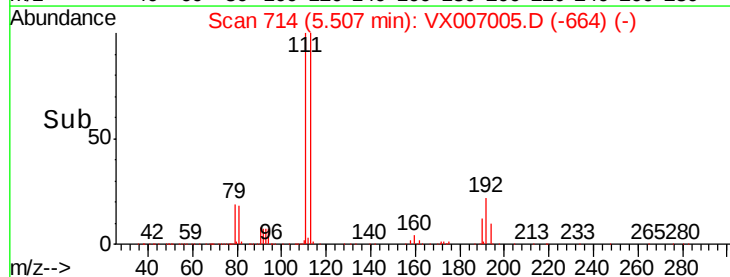
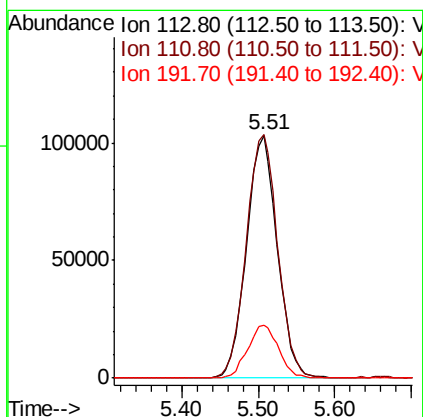
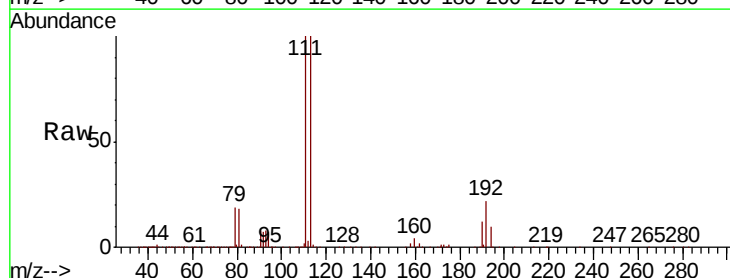
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL01

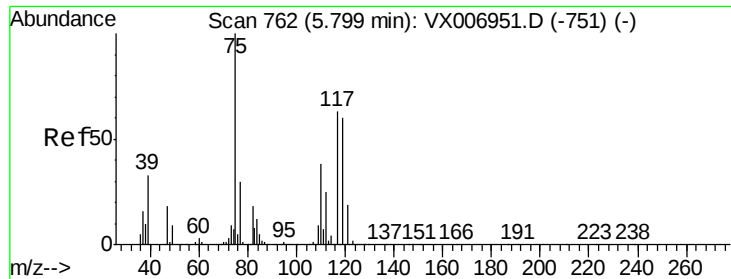
Tgt Ion:114 Resp: 946916
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.8
88 14.8 0.0 28.8



#35
Dibromofluoromethane
Concen: 47.692 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007005.D
Acq: 11 Jan 2019 11:30

Tgt Ion:113 Resp: 289206
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 22.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.682 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBL01

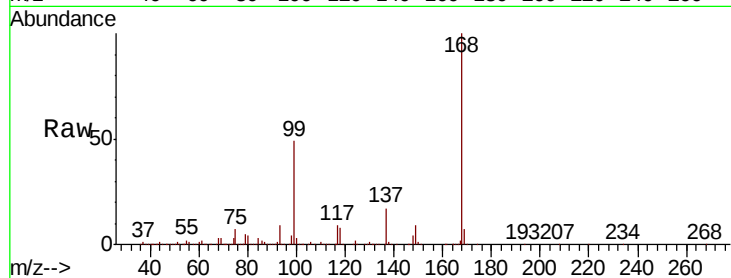
Tgt Ion: 75 Resp: 38545

Ion Ratio Lower Upper

75 100

110 10.0 20.2 60.5#

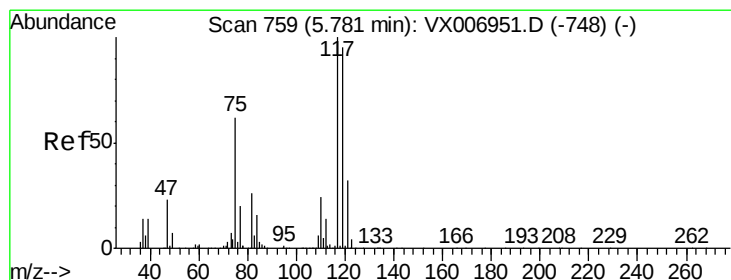
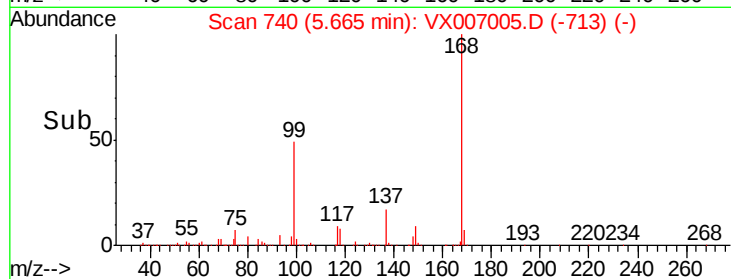
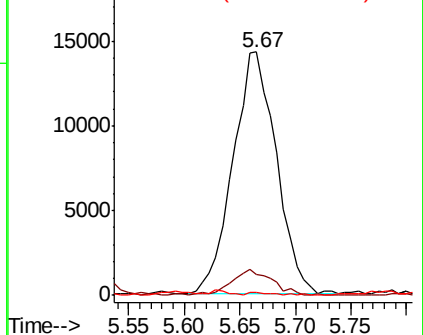
77 0.8 24.8 37.2#



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: 6.696 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

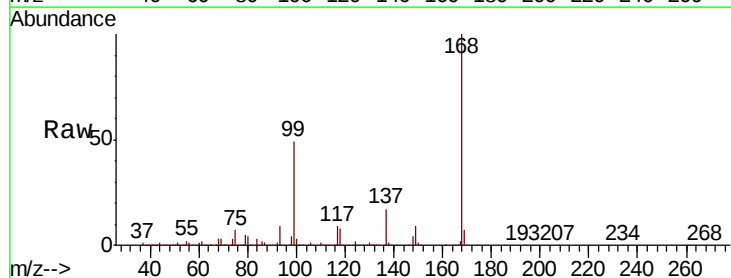
Tgt Ion: 117 Resp: 55467

Ion Ratio Lower Upper

117 100

119 2.3 79.4 119.2#

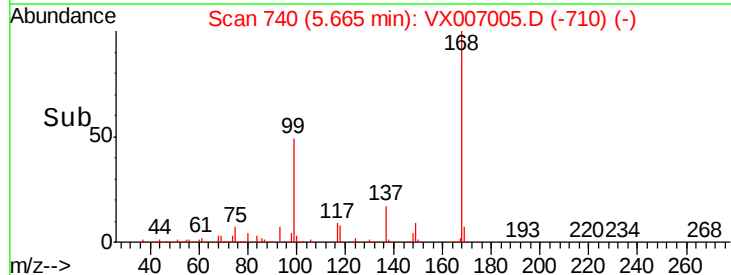
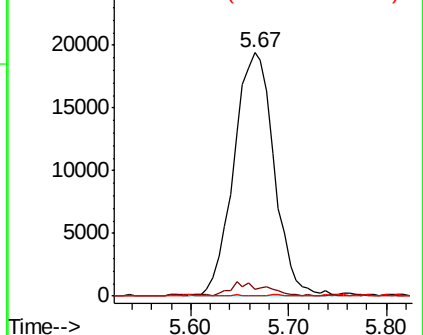
121 0.0 24.0 36.0#

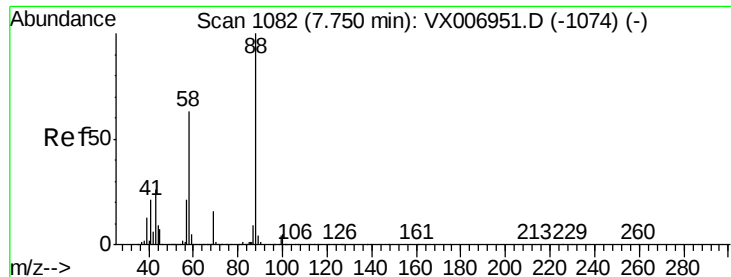


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

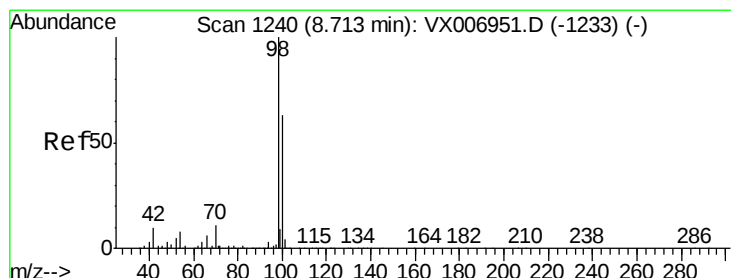
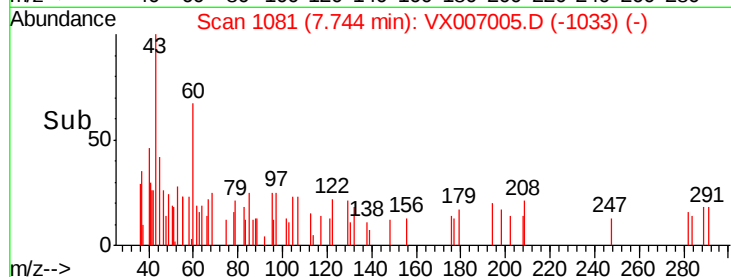
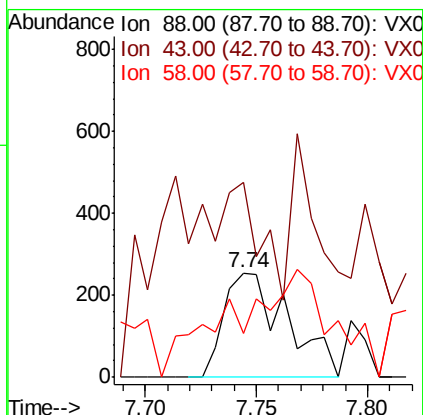
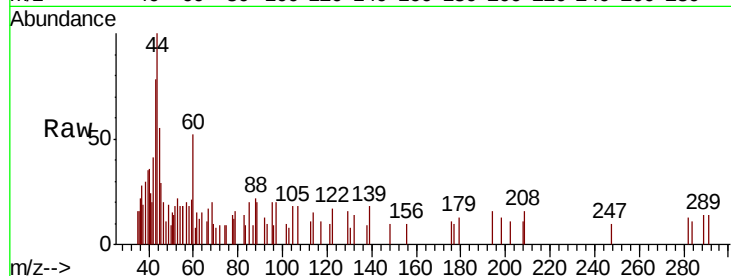




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007005.D
Acq: 11 Jan 2019 11:30

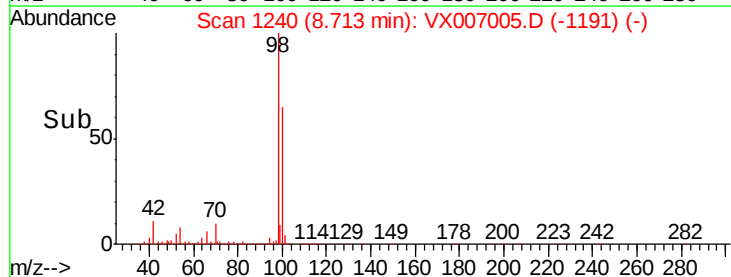
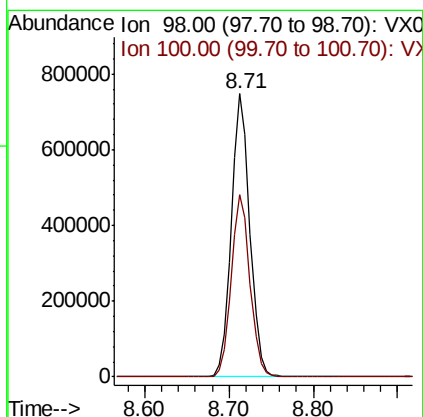
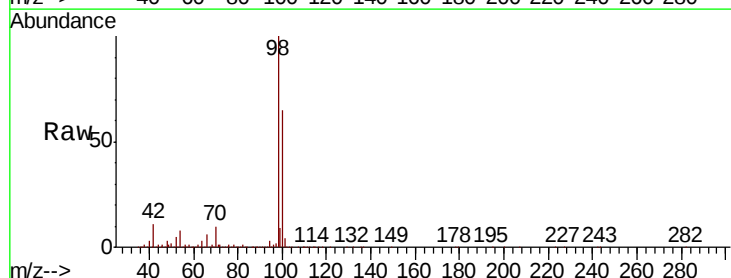
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL01

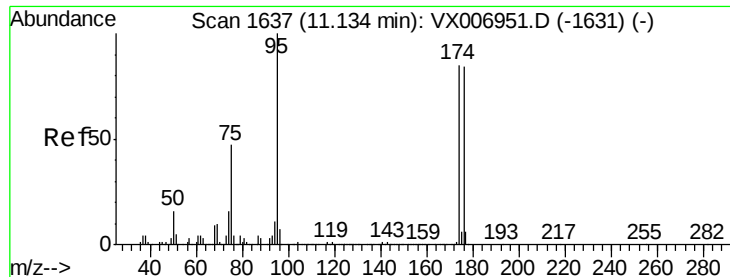
Tgt Ion: 88 Resp: 503
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 54.3 51.0 76.4



#50
Toluene-d8
Concen: 50.196 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007005.D
Acq: 11 Jan 2019 11:30

Tgt Ion: 98 Resp: 1114145
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.038 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBL01

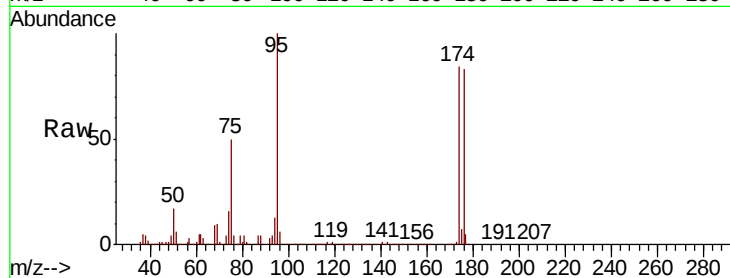
Tgt Ion: 95 Resp: 402678

Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.2

176 88.1 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)

11.13

400000

300000

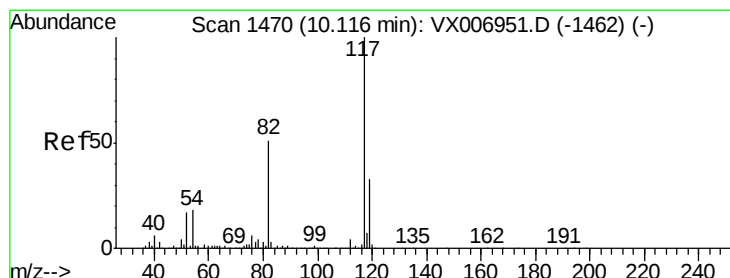
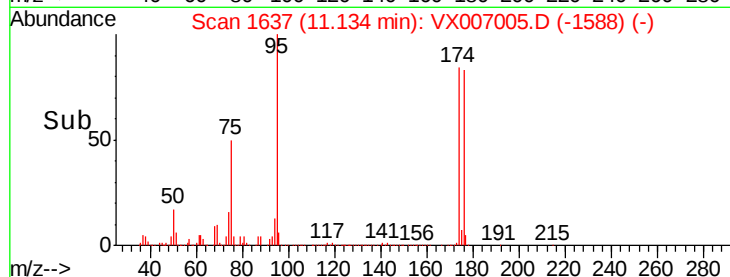
200000

100000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

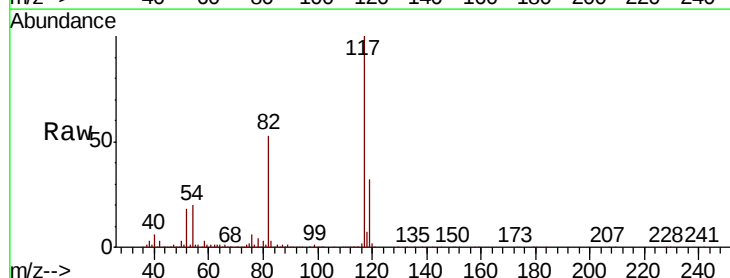
Tgt Ion: 117 Resp: 863950

Ion Ratio Lower Upper

117 100

82 52.8 41.0 61.6

119 31.9 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)

10.11

800000

600000

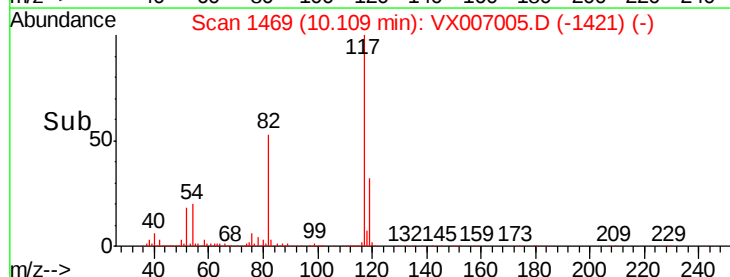
400000

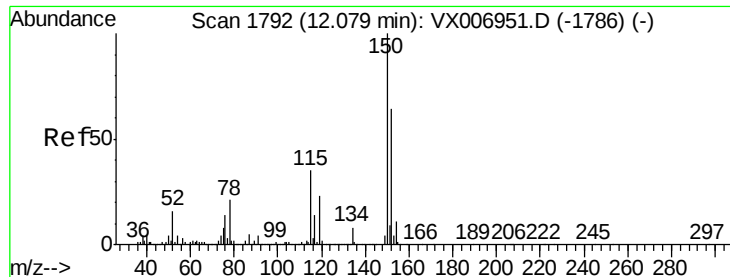
200000

0

10.10 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBL01

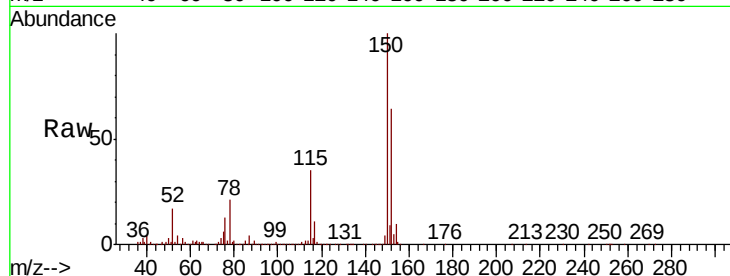
Tgt Ion:152 Resp: 428539

Ion Ratio Lower Upper

152 100

115 54.9 39.1 117.2

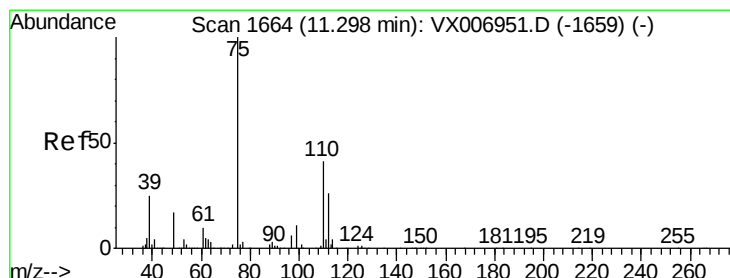
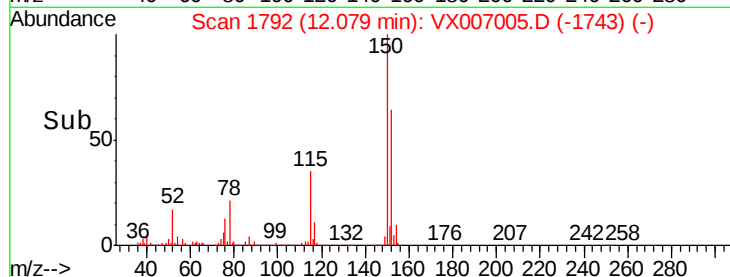
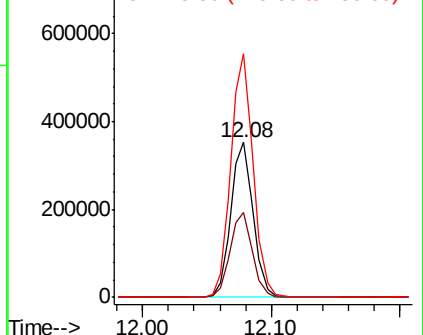
150 157.3 0.0 344.8



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: 22.288 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007005.D

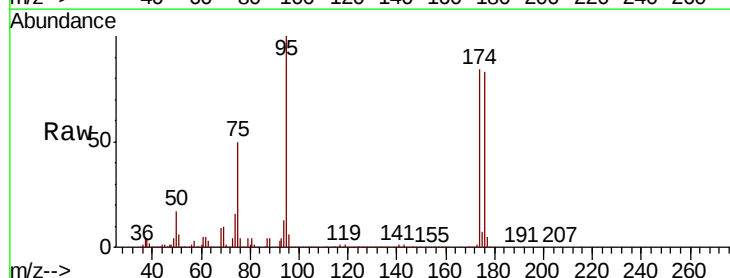
Acq: 11 Jan 2019 11:30

Tgt Ion: 75 Resp: 193556

Ion Ratio Lower Upper

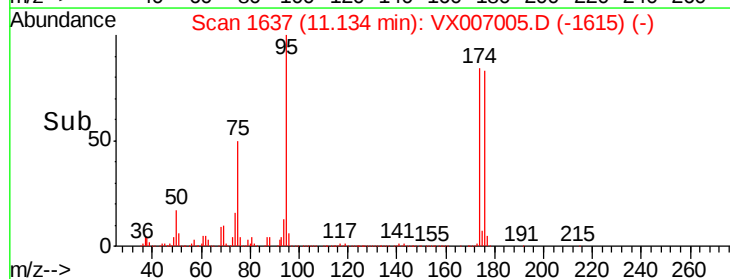
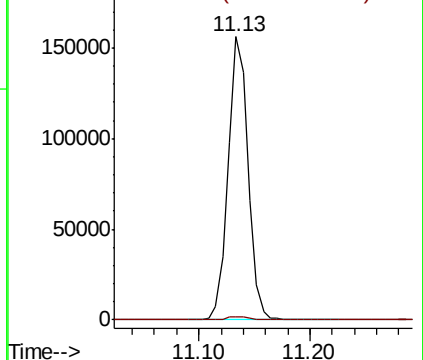
75 100

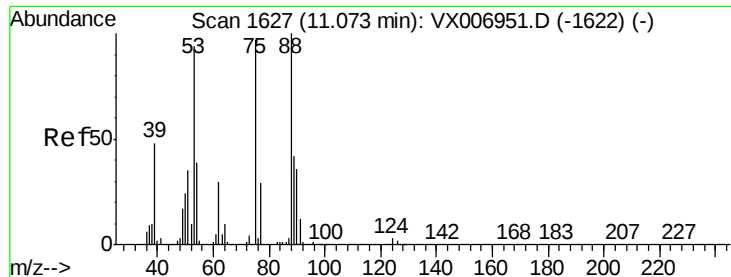
77 1.3 18.5 55.5#



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: 65.957 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBL01

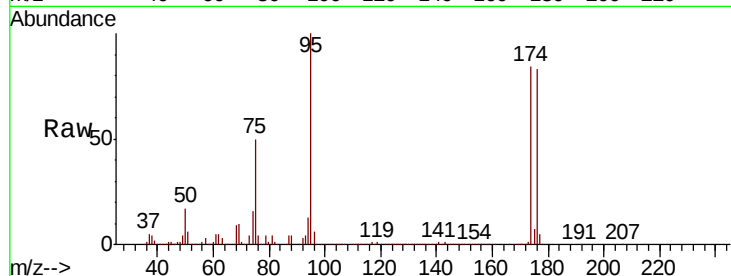
Tgt Ion: 75 Resp: 193556

Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

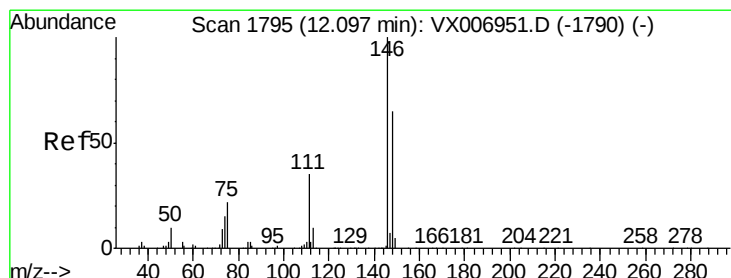
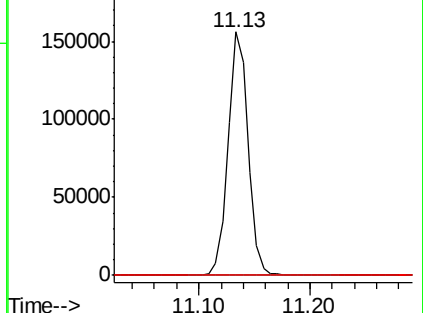
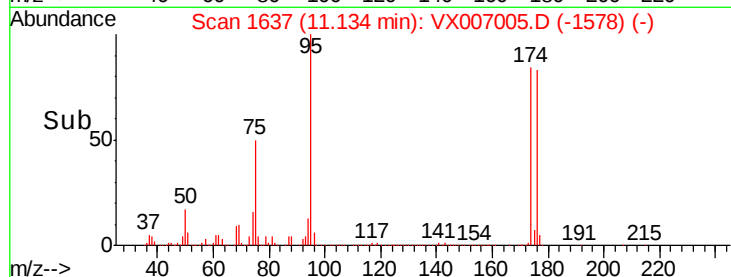
89 0.0 38.0 57.0#



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



#88

1,4-Dichlorobenzene

Concen: 0.213 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

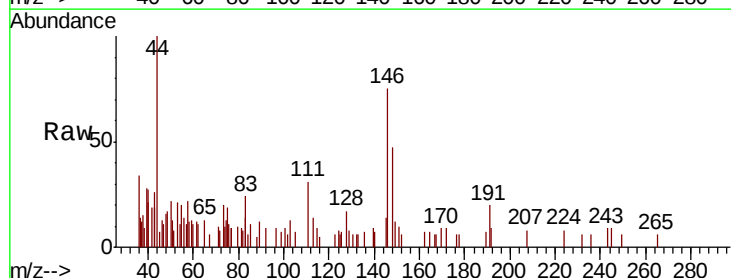
Tgt Ion: 146 Resp: 976

Ion Ratio Lower Upper

146 100

111 28.2 18.1 54.1

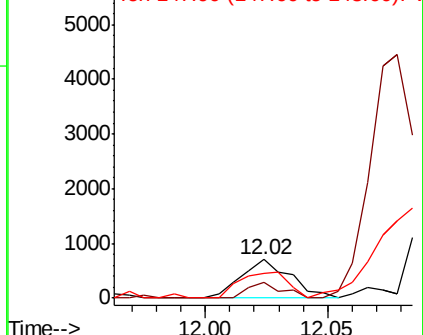
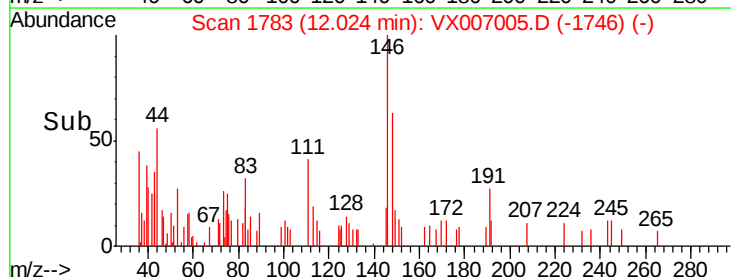
148 66.1 31.9 95.9

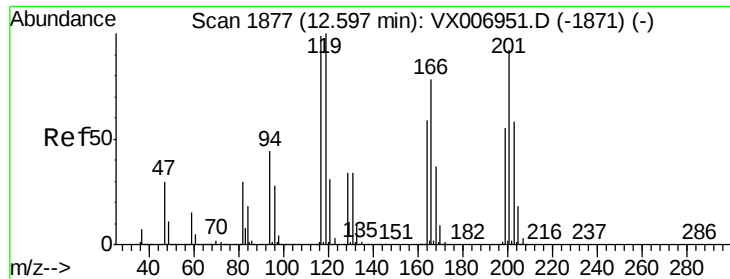


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: 2.926 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

Instrument :

MSVOA_X

ClientSampled :

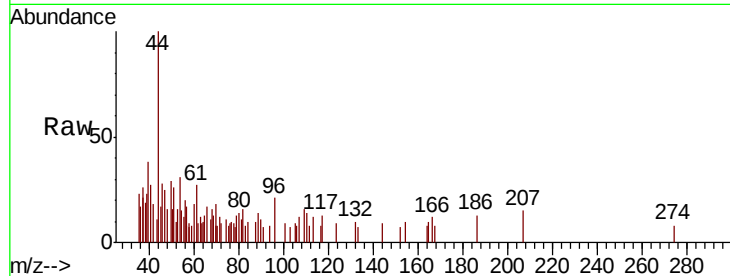
VX0111WBL01

Tgt Ion: 117 Resp: 82

Ion Ratio Lower Upper

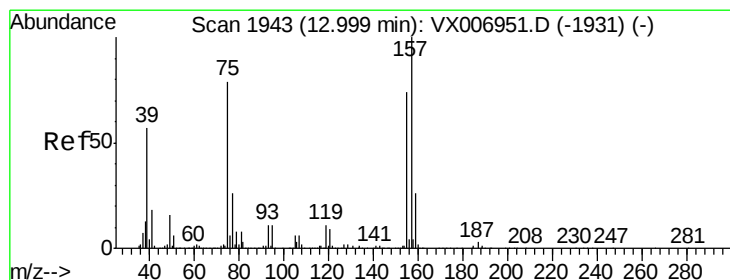
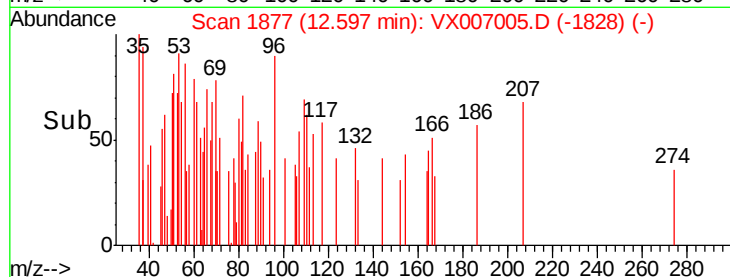
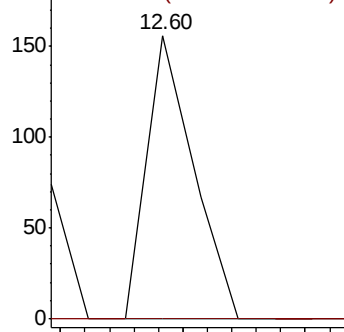
117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.215 ug/l

RT: 13.01 min Scan# 1944

Delta R.T. 0.01 min

Lab File: VX007005.D

Acq: 11 Jan 2019 11:30

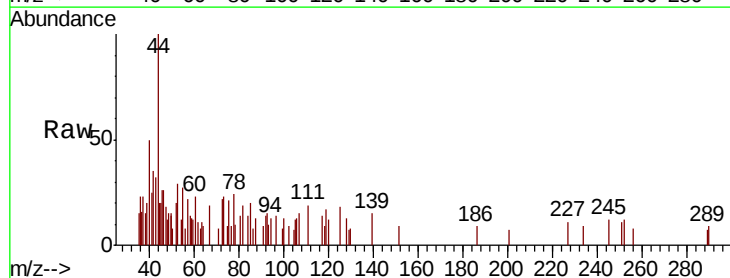
Tgt Ion: 75 Resp: 407

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

157 25.3 64.6 193.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

