

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008662.D
 Acq On : 05 Apr 2019 02:12
 Operator : JC/SP
 Sample : K2274-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW012-190402

Quant Time: Apr 05 09:18:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

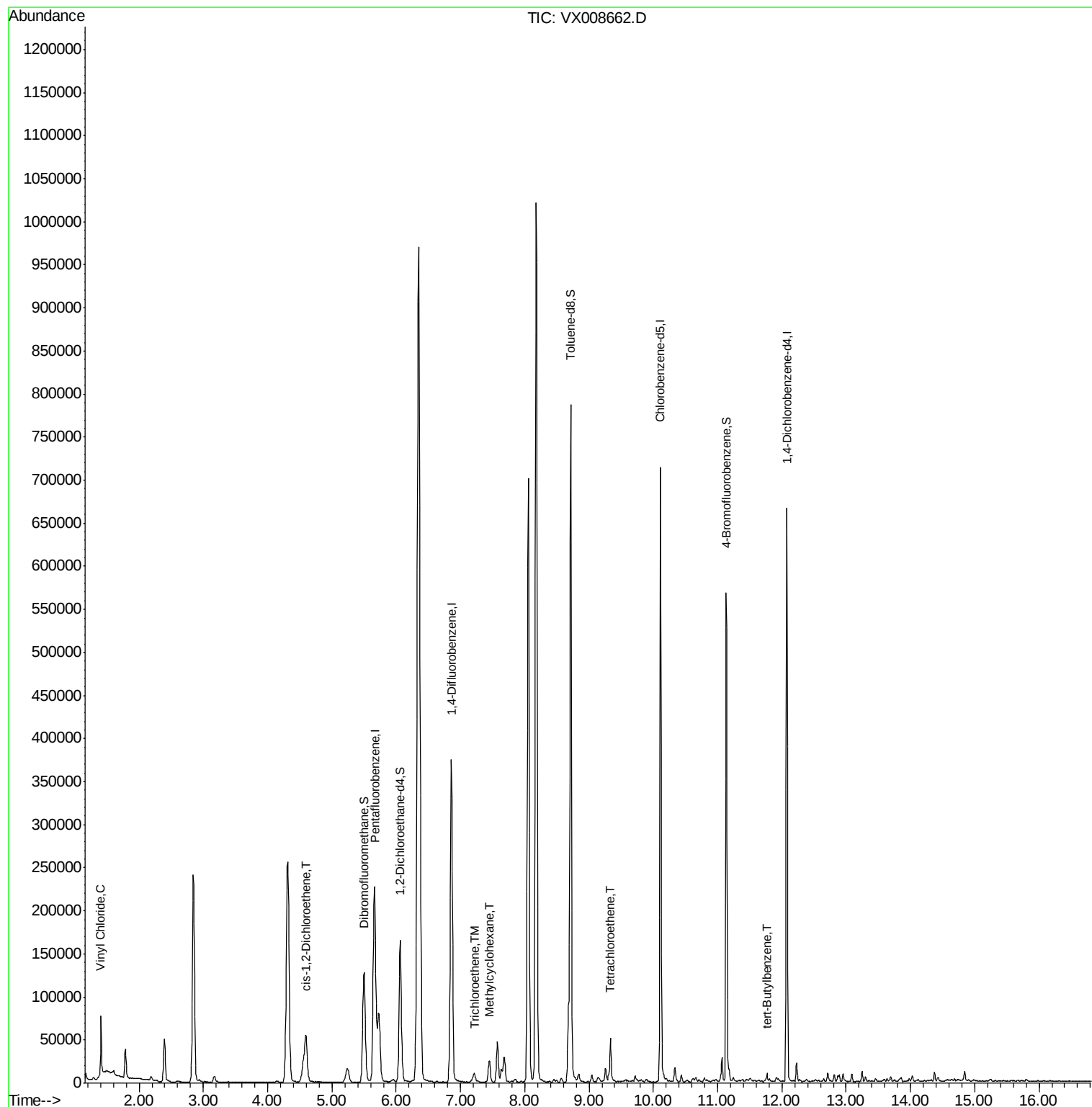
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	151309	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
35) Dibromofluoromethane	5.50	113	110830	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
50) Toluene-d8	8.71	98	463181	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	155982	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
Target Compounds						
4) Vinyl Chloride	1.40	62	47106	13.678	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	29701	9.334	ug/l	89
39) Methylcyclohexane	7.45	83	5492	1.118	ug/l #	44
44) Trichloroethene	7.22	130	3713	1.346	ug/l	95
64) Tetrachloroethene	9.34	164	8513	3.670	ug/l	97
83) tert-Butylbenzene	11.77	119	3174	0.354	ug/l	81

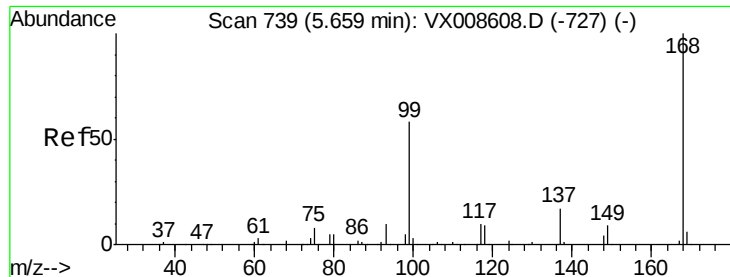
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

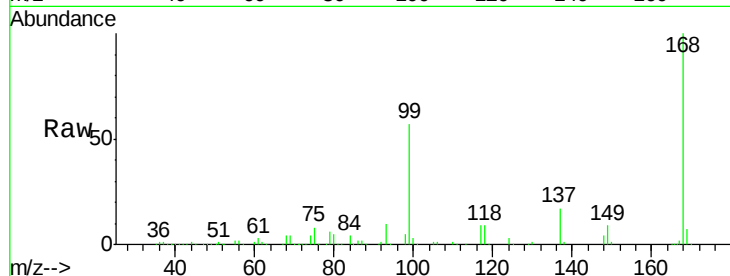
SS037MW012-190402

Tot Ion:168 Resp: 221325

Ion Ratio Lower Upper

168 100

99 56.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

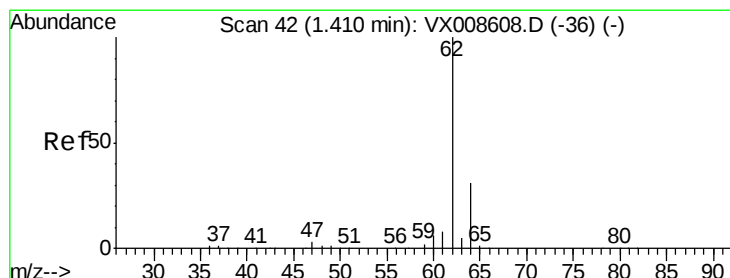
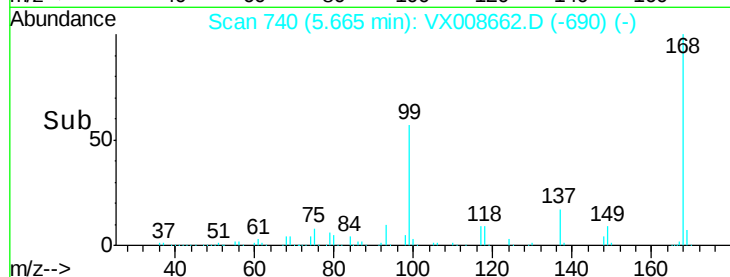
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#4

Vinyl Chloride

Concen: 13.678 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008662.D

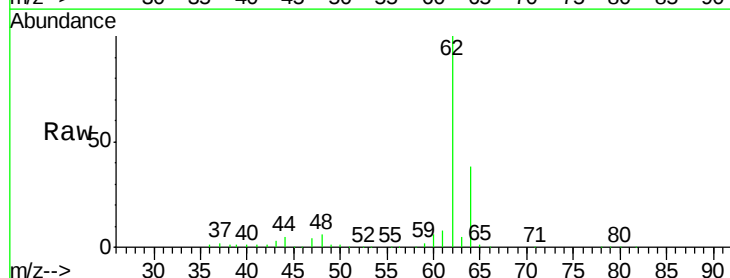
Acq: 05 Apr 2019 02:12

Tgt Ion: 62 Resp: 47106

Ion Ratio Lower Upper

62 100

64 33.4 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

40000

30000

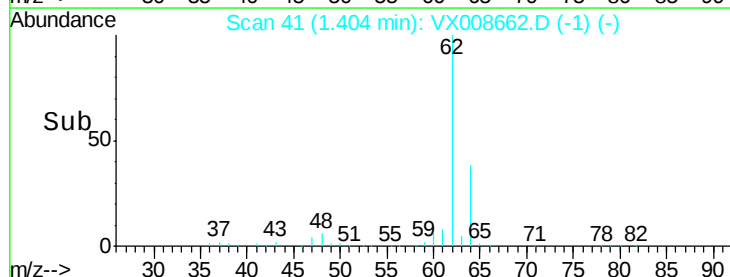
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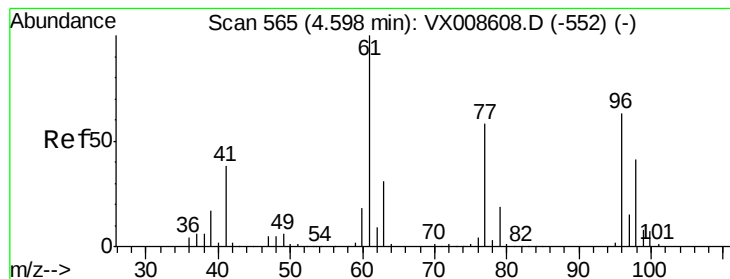
10000

0

1.35 1.40 1.45 1.50

Time-->



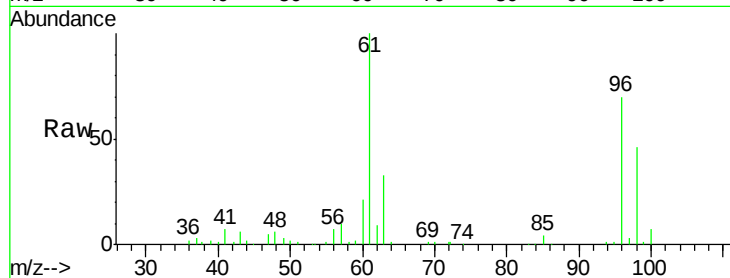


#27

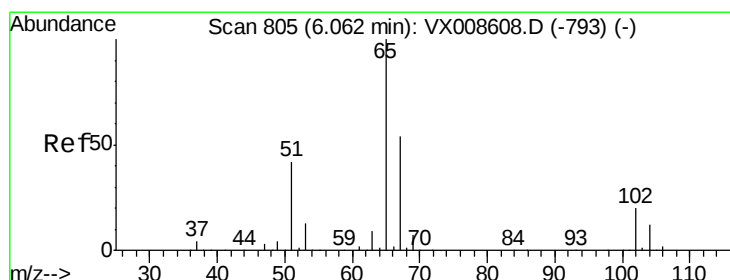
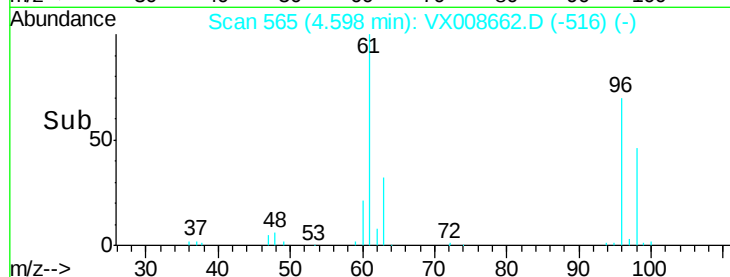
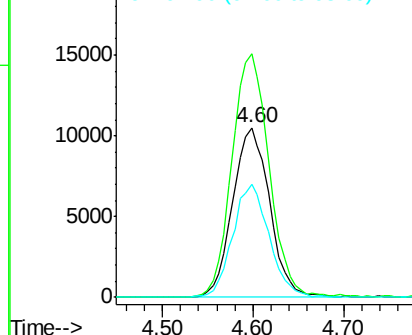
cis-1,2-Dichloroethene
Concen: 9.334 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-190402

Tot Ion: 96 Resp: 29701
Ion Ratio Lower Upper
96 100
61 144.3 0.0 327.6
98 66.0 0.0 128.6



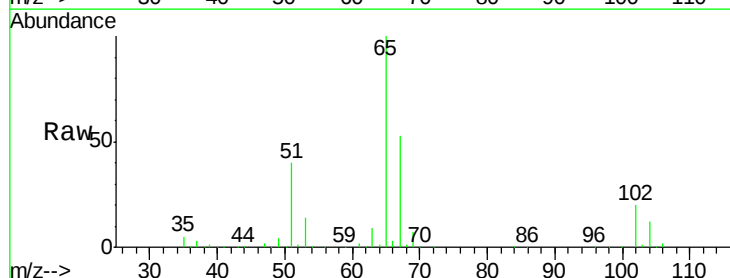
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



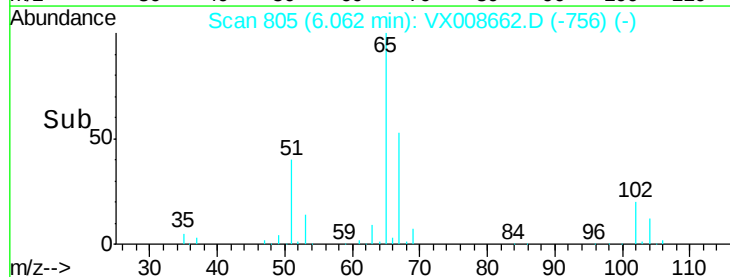
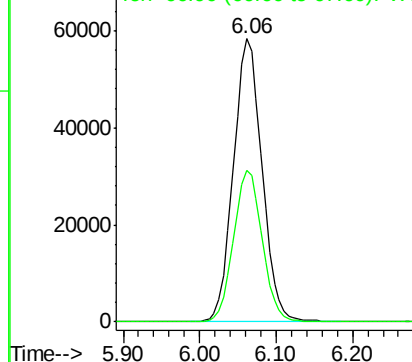
#33

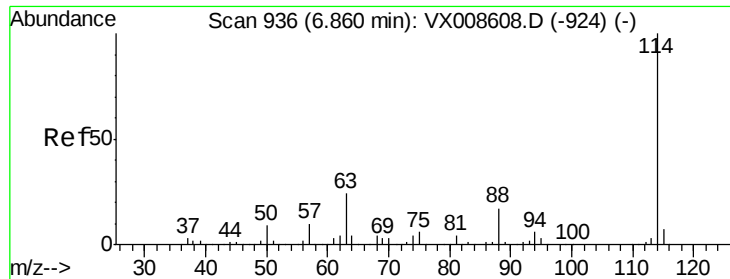
1,2-Dichloroethane-d4
Concen: 46.872 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

Tgt Ion: 65 Resp: 151309
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

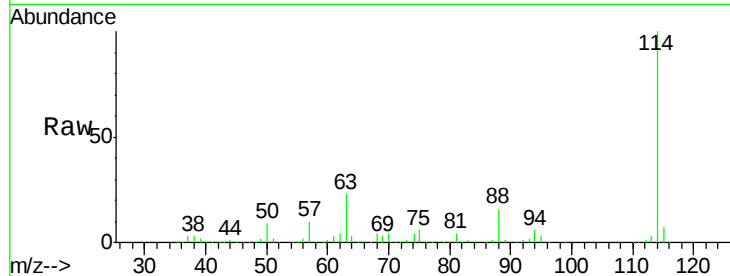




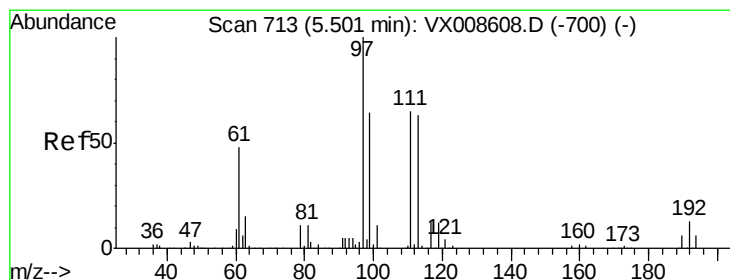
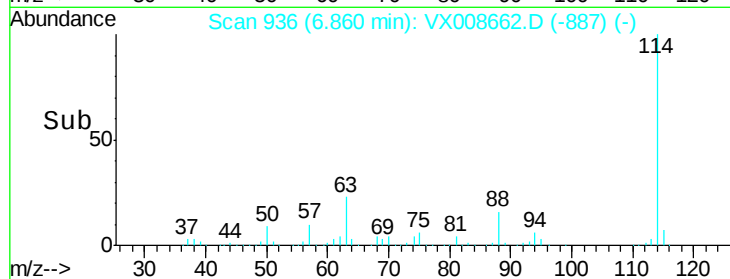
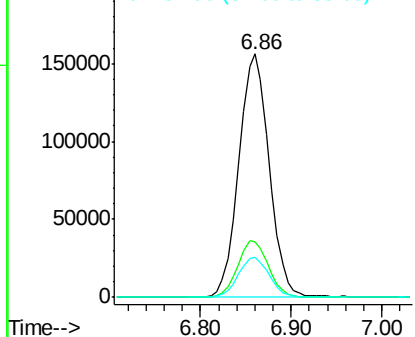
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW012-190402

Tot Ion:114 Resp: 363816
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 16.3 0.0 34.0

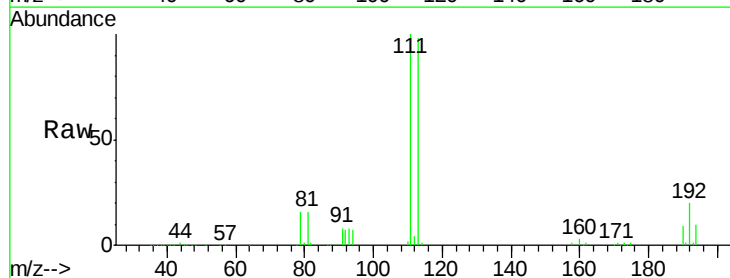


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

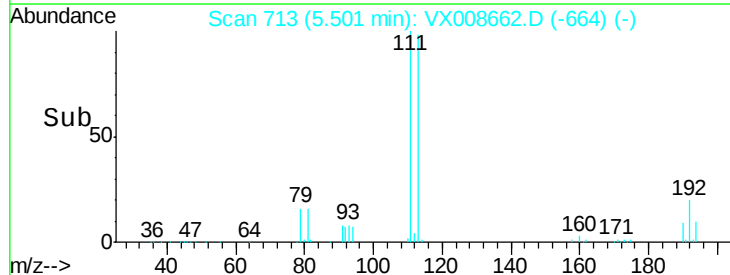
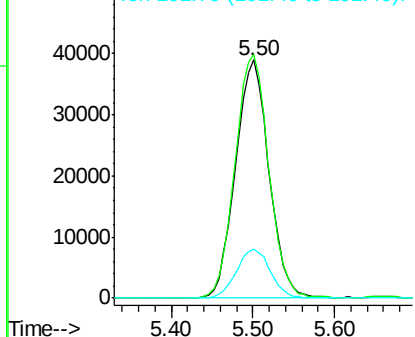


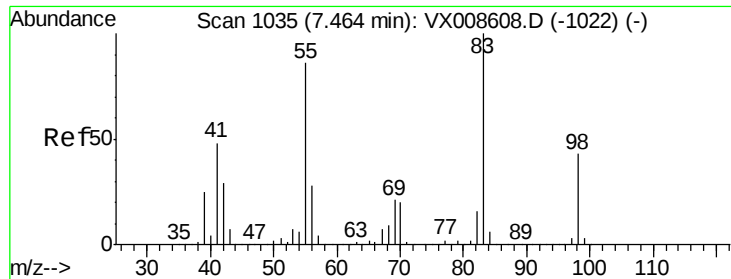
#35
 Dibromofluoromethane
 Concen: 47.646 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

Tgt Ion:113 Resp: 110830
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.2
 192 20.9 16.1 24.1



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

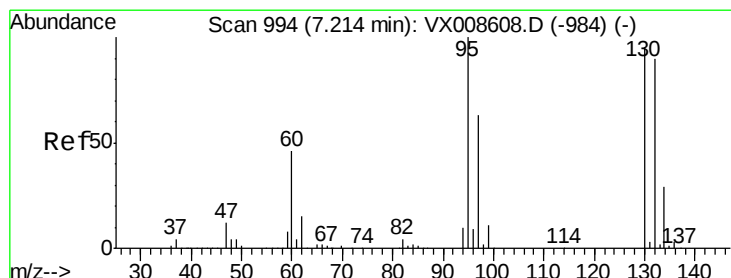
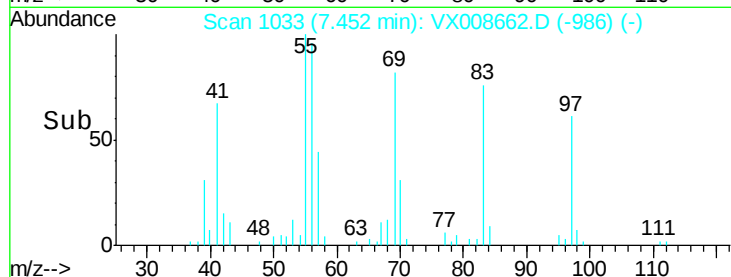
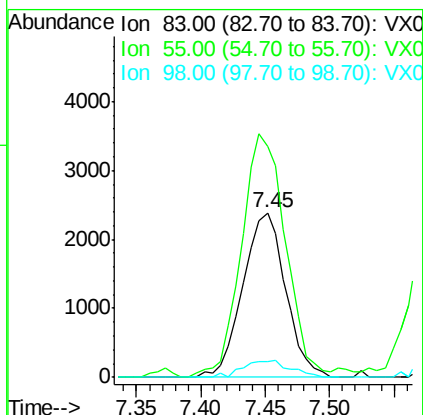
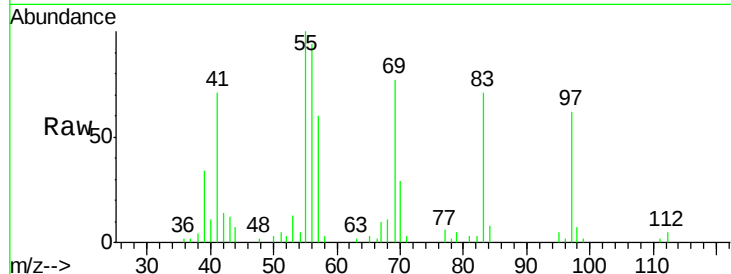




#39
Methvlcvclohexane
Concen: 1.118 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

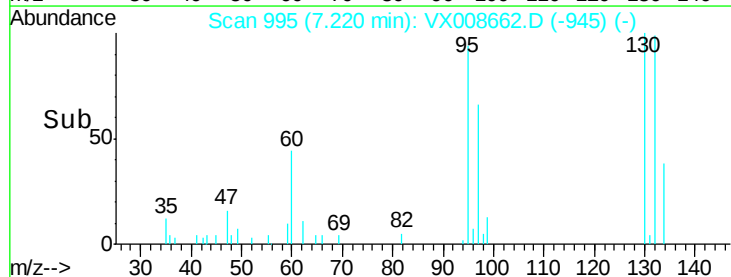
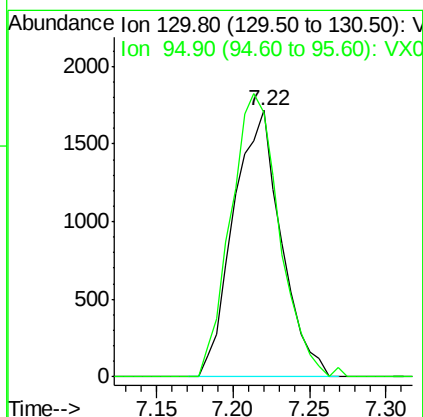
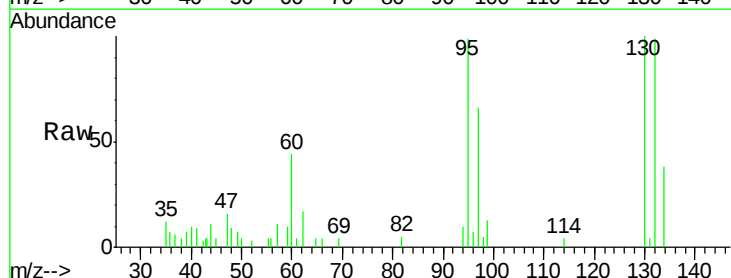
Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-190402

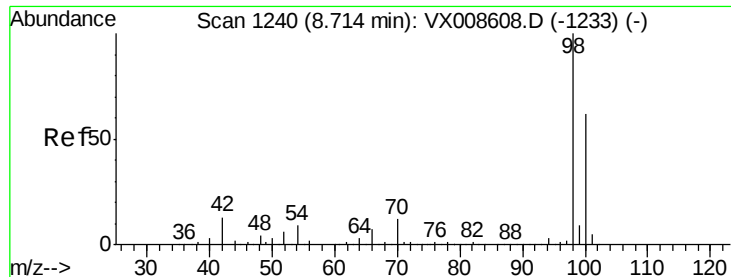
Tot Ion: 83 Resp: 5492
Ion Ratio Lower Upper
83 100
55 140.1 69.0 103.6#
98 9.7 34.4 51.6#



#44
Trichloroethene
Concen: 1.346 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

Tgt Ion:130 Resp: 3713
Ion Ratio Lower Upper
130 100
95 99.3 0.0 209.8





#50

Toluene-d8

Concen: 50.009 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

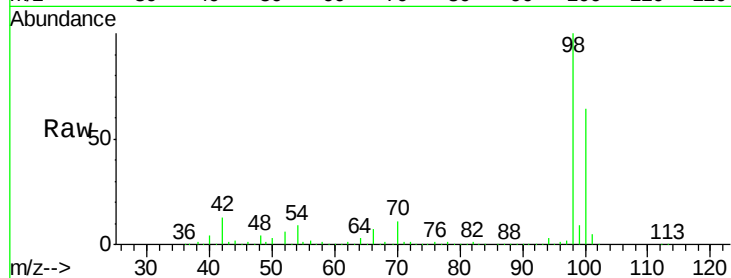
SS037MW012-190402

Tot Ion: 98 Resp: 463181

Ion Ratio Lower Upper

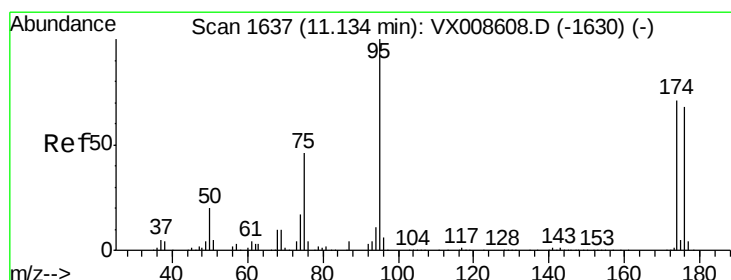
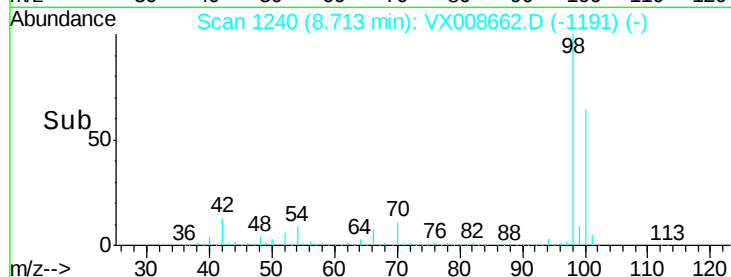
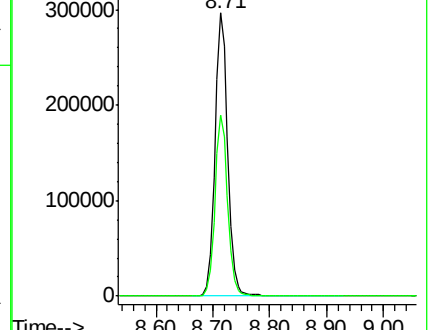
98 100

100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.491 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

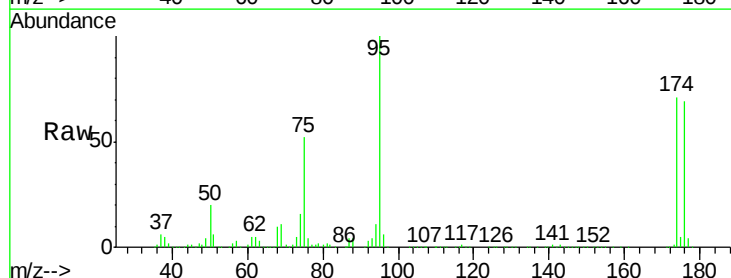
Tgt Ion: 95 Resp: 155982

Ion Ratio Lower Upper

95 100

174 75.5 0.0 151.8

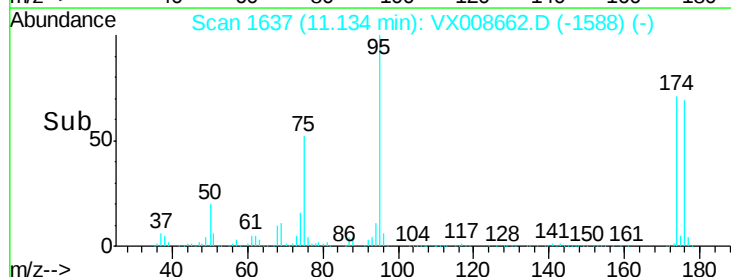
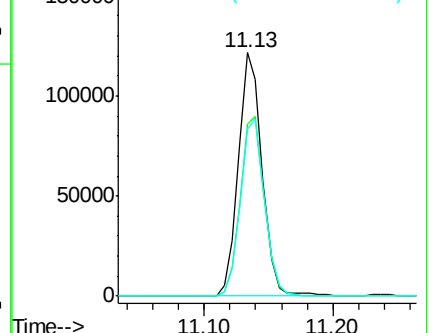
176 73.7 0.0 145.8

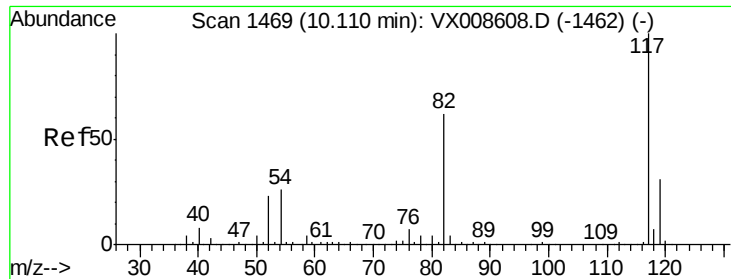


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

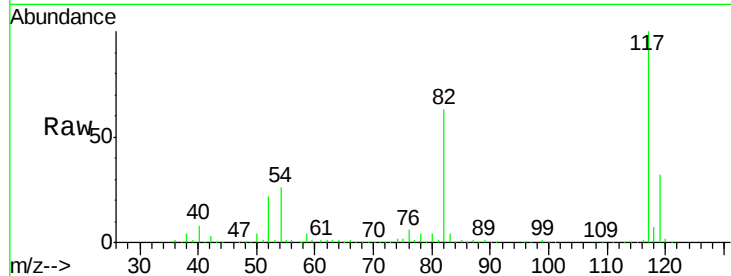




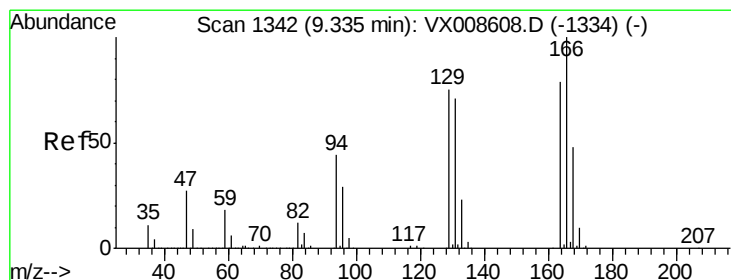
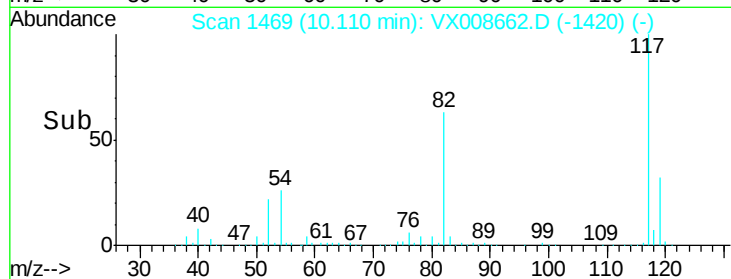
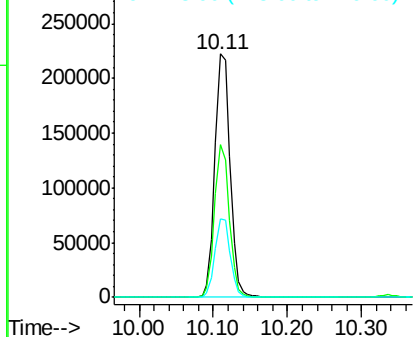
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-190402

Tot Ion:117 Resp: 313056
Ion Ratio Lower Upper
117 100
82 62.7 49.6 74.4
119 32.3 25.0 37.4



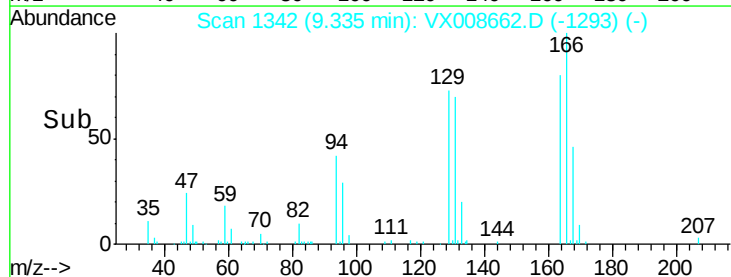
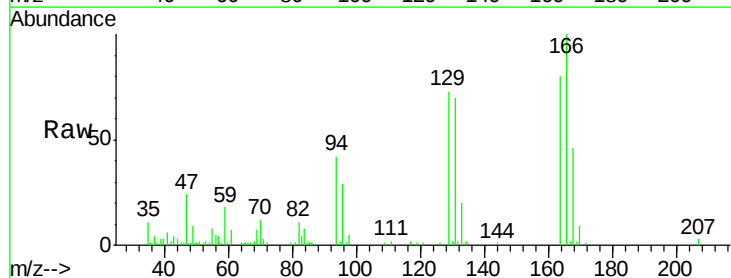
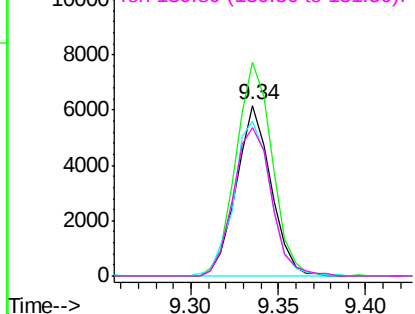
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

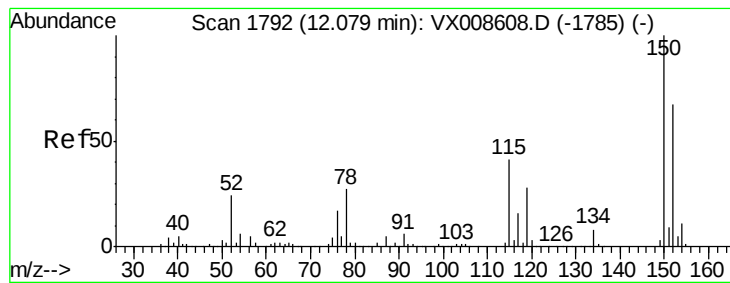


#64
Tetrachloroethene
Concen: 3.670 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

Tgt Ion:164 Resp: 8513
Ion Ratio Lower Upper
164 100
166 125.0 101.0 151.6
129 90.8 75.8 113.8
131 87.2 71.8 107.8

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

SS037MW012-190402

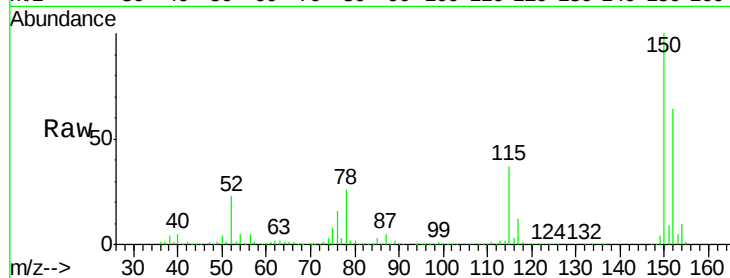
Tot Ion:152 Resp: 133853

Ion Ratio Lower Upper

152 100

115 60.6 43.5 130.5

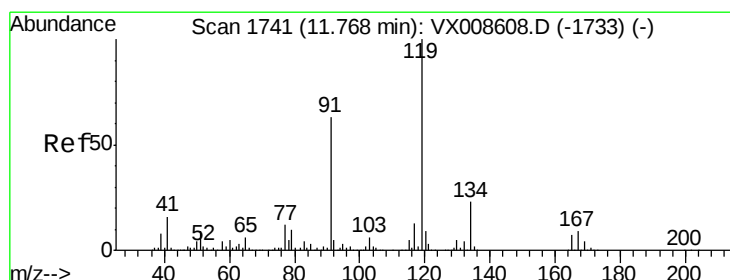
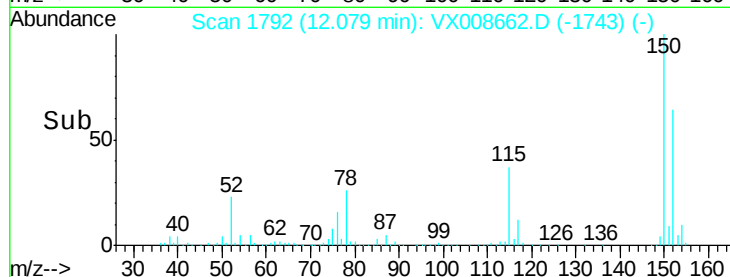
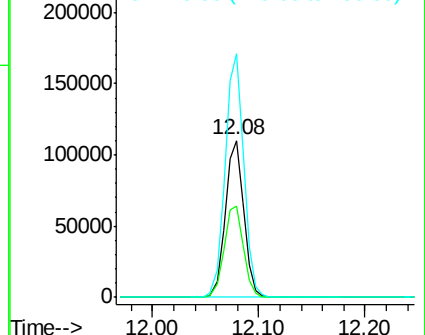
150 156.5 0.0 348.8



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



#83

tert-Butylbenzene

Concen: 0.354 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

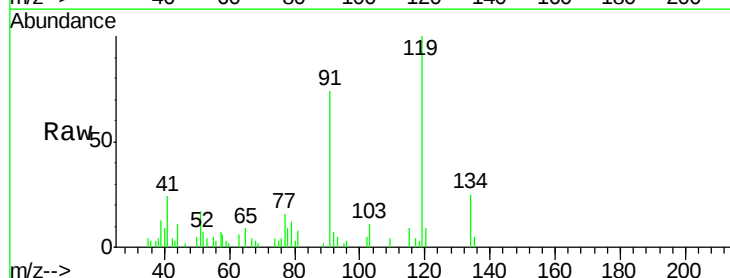
Tgt Ion:119 Resp: 3174

Ion Ratio Lower Upper

119 100

91 78.1 30.0 90.1

134 24.2 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

