

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008998.D
 Acq On : 16 Apr 2019 19:21
 Operator : JC/SP
 Sample : K2387-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410

Quant Time: Apr 17 06:06:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

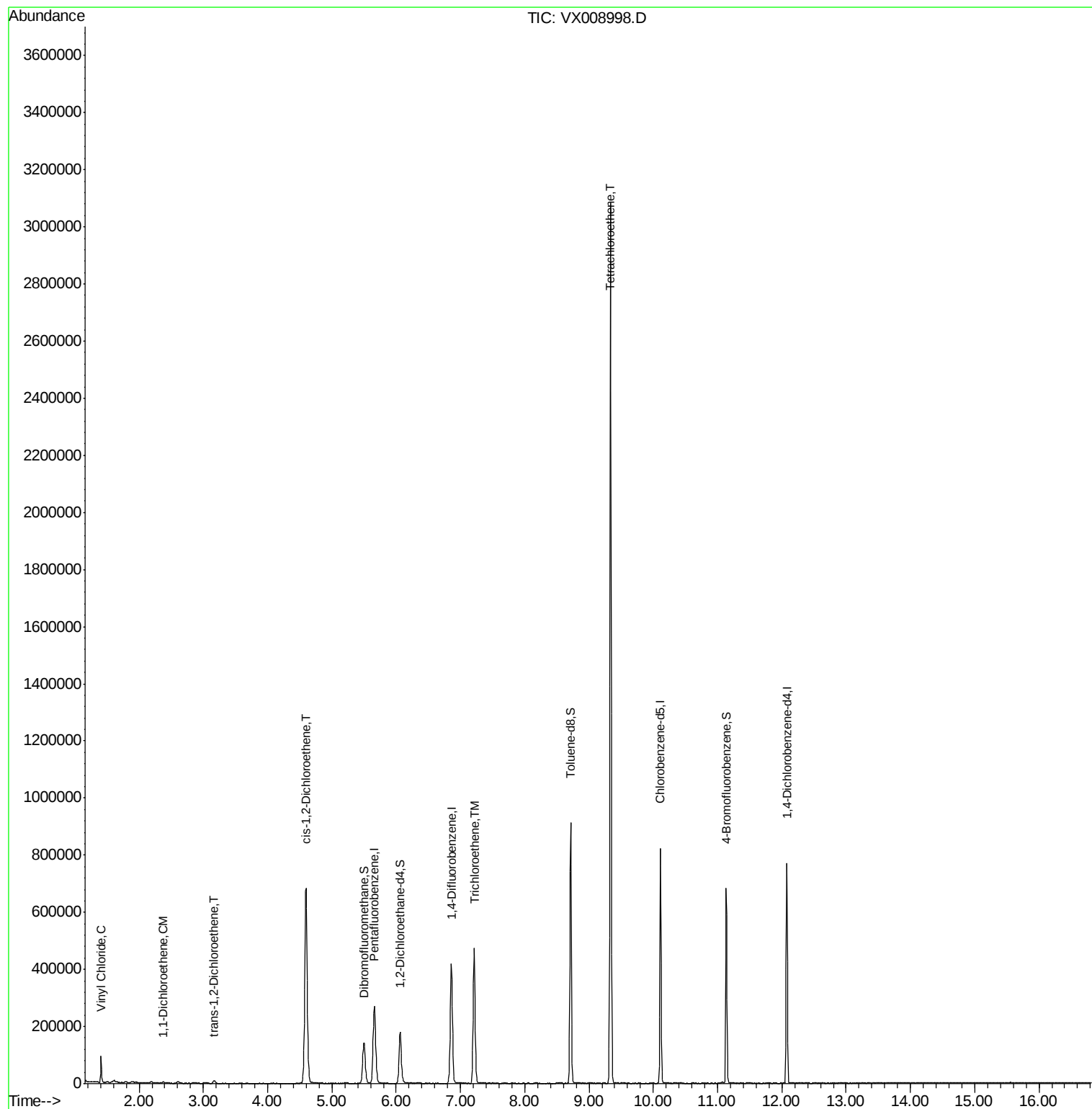
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	261882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	414634	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	361736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	168781	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
35) Dibromofluoromethane	5.50	113	122242	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
50) Toluene-d8	8.71	98	521716	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	175548	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
4) Vinyl Chloride	1.41	62	63336	17.573	ug/l	98
12) 1,1-Dichloroethene	2.37	96	1256	0.447	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	3166	1.057	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	427578	125.723	ug/l	90
44) Trichloroethene	7.21	130	181192	58.456	ug/l	98
64) Tetrachloroethene	9.34	164	592366	215.560	ug/l	99

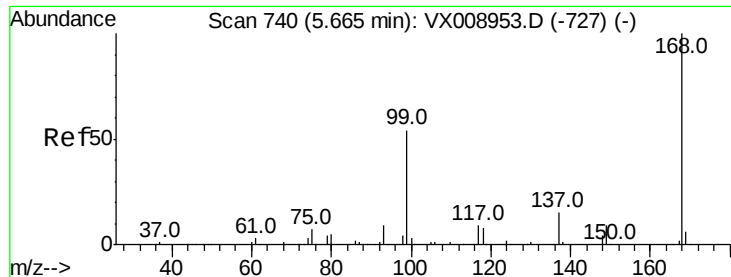
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 16 09:35:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008998.D

Acq: 16 Apr 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

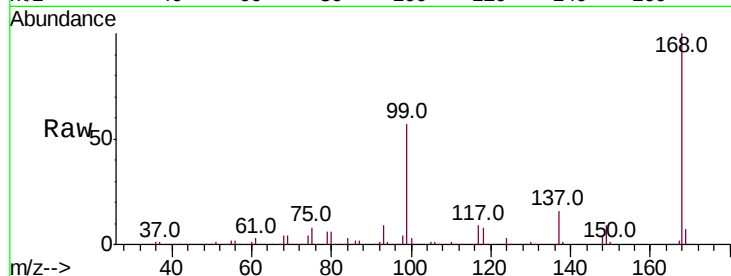
SS040MW318-190410

Tot Ion:168 Resp: 261882

Ion Ratio Lower Upper

168 100

99 57.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

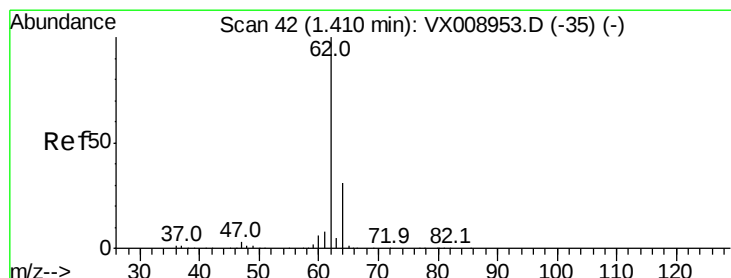
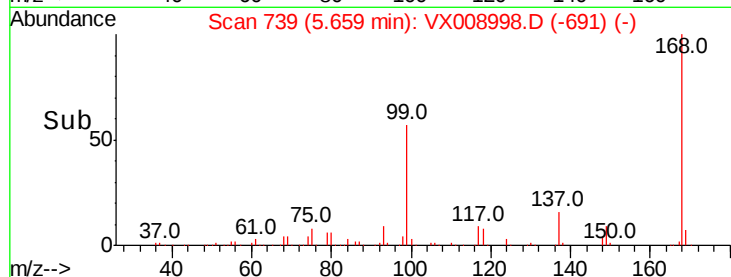
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 17.573 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008998.D

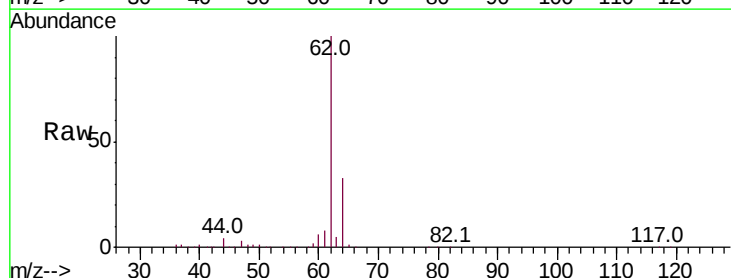
Acq: 16 Apr 2019 19:21

Tgt Ion: 62 Resp: 63336

Ion Ratio Lower Upper

62 100

64 32.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

60000

50000

40000

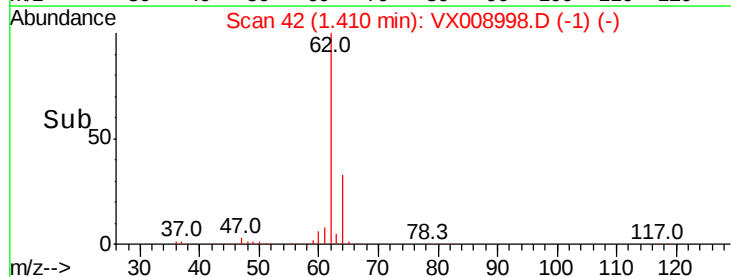
30000

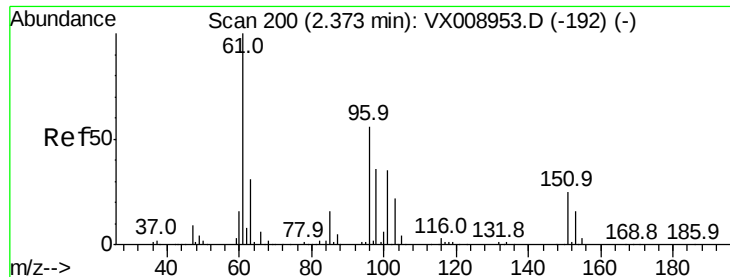
20000

10000

0

Time--> 1.35 1.40 1.45 1.50 1.55

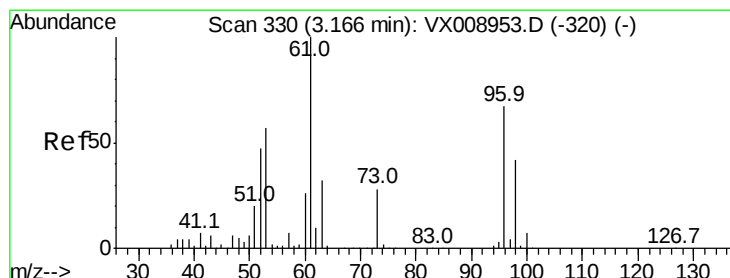
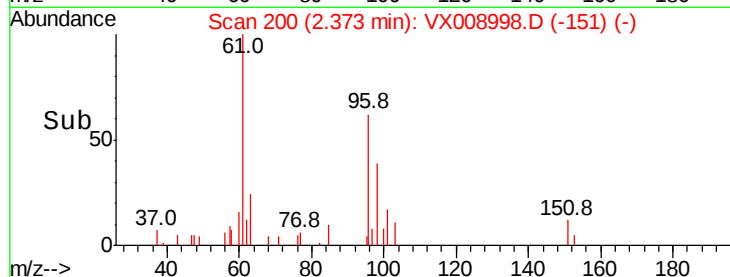
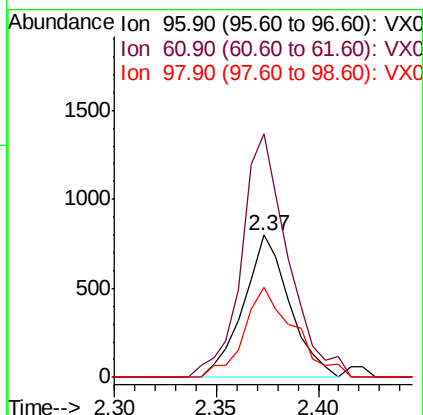
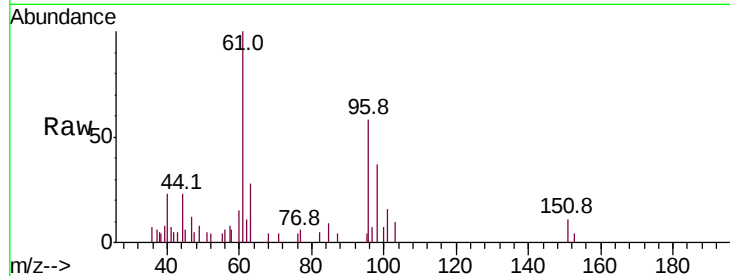




#12
 1,1-Dichloroethene
 Concen: 0.447 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008998.D
 Acq: 16 Apr 2019 19:21

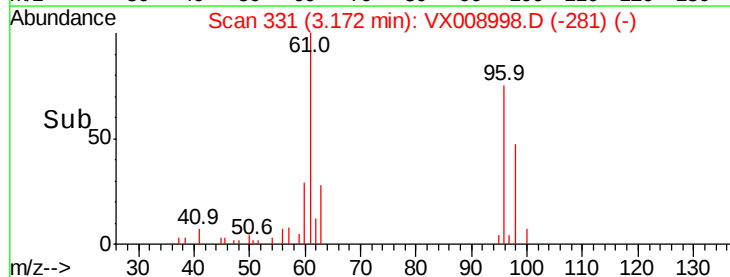
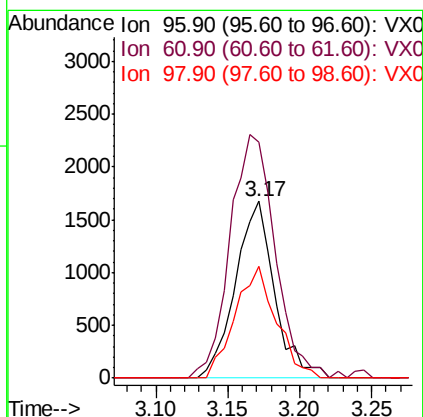
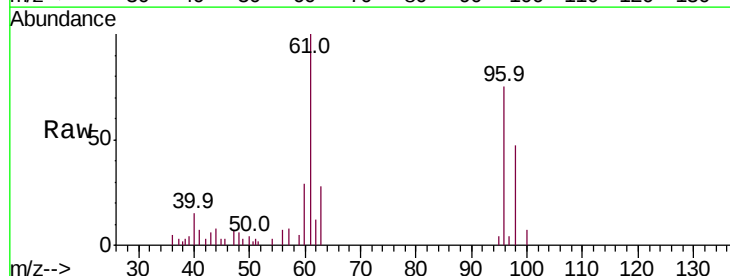
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410

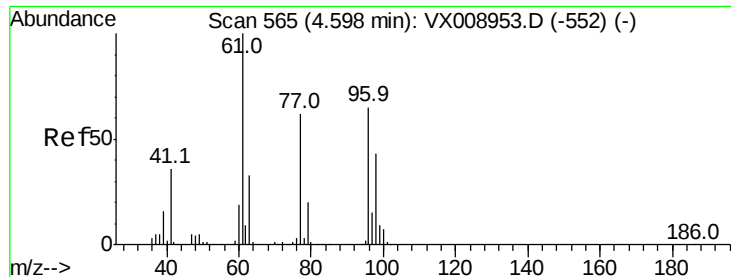
Tot Ion: 96 Resp: 1256
 Ion Ratio Lower Upper
 96 100
 61 171.4 142.2 213.2
 98 63.7 50.9 76.3



#21
 trans-1,2-Dichloroethene
 Concen: 1.057 ug/l
 RT: 3.17 min Scan# 331
 Delta R.T. 0.01 min
 Lab File: VX008998.D
 Acq: 16 Apr 2019 19:21

Tgt Ion: 96 Resp: 3166
 Ion Ratio Lower Upper
 96 100
 61 133.5 120.3 180.5
 98 63.0 50.2 75.2



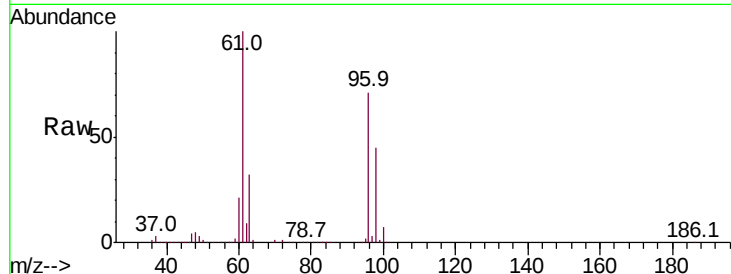


#27

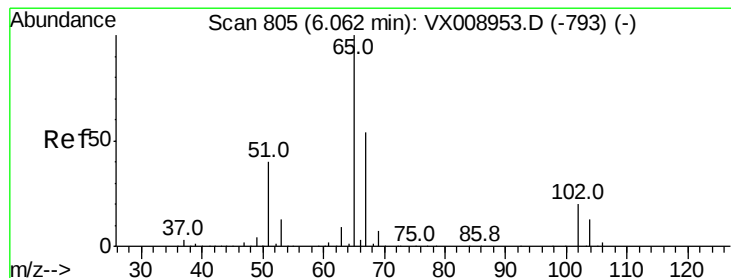
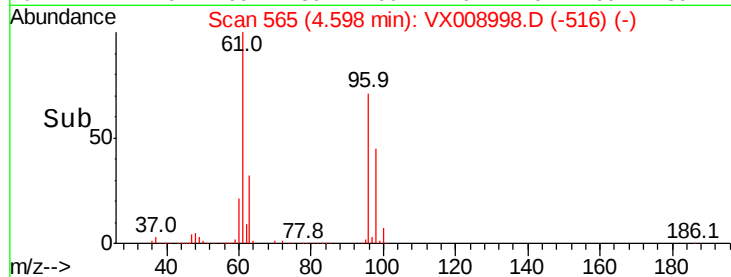
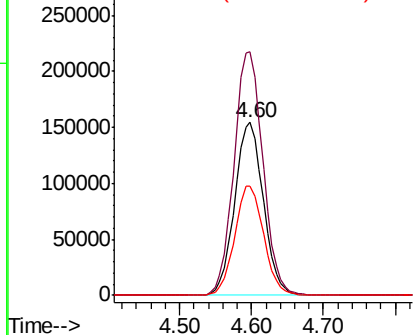
cis-1,2-Dichloroethene
Concen: 125.723 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008998.D
Acq: 16 Apr 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
SS040MW318-190410

Tot Ion	96	Resp	427578
Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	322.0
98	63.9	0.0	128.4



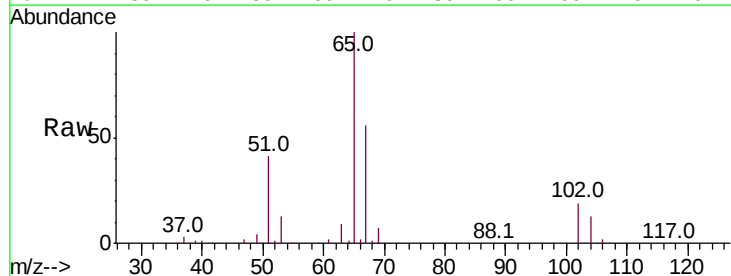
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



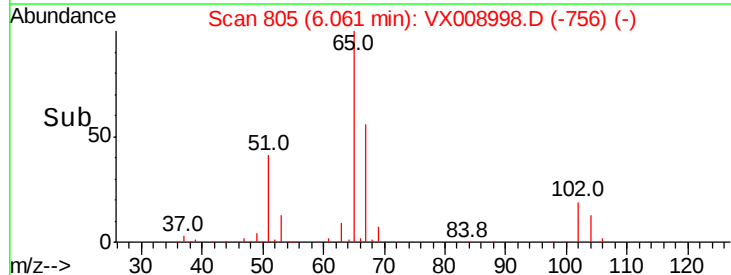
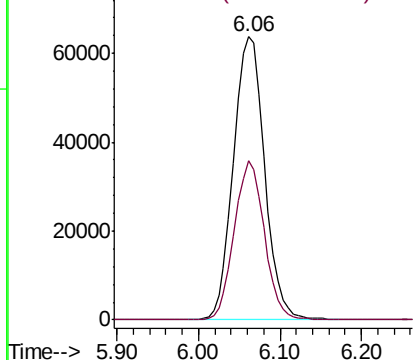
#33

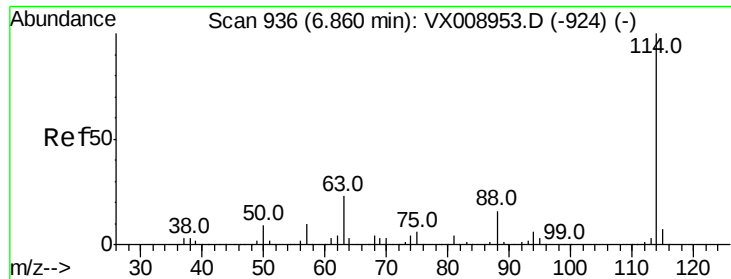
1,2-Dichloroethane-d4
Concen: 45.732 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008998.D
Acq: 16 Apr 2019 19:21

Tgt Ion	65	Resp	168781
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.6



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

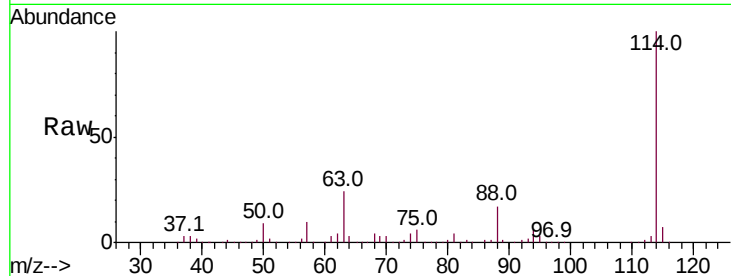




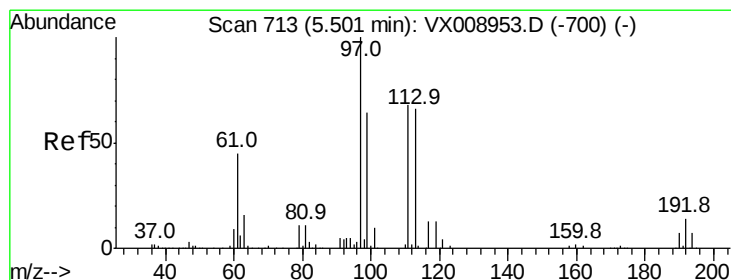
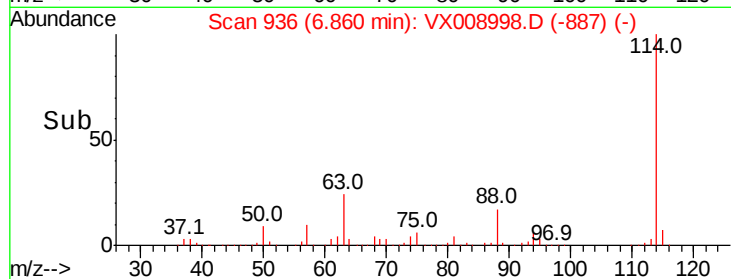
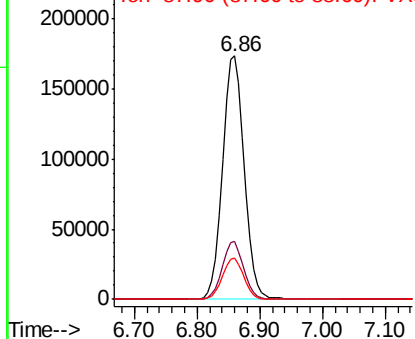
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008998.D
 Acq: 16 Apr 2019 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410

Tot Ion:114 Resp: 414634
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.0
 88 17.1 0.0 32.6

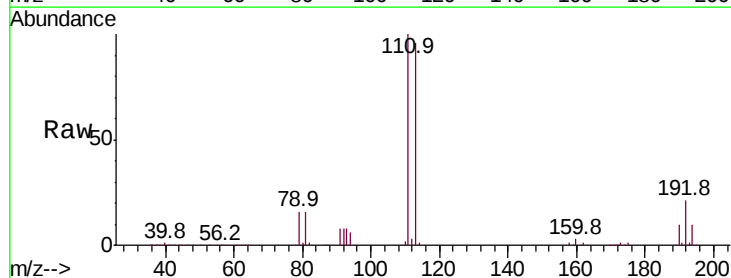


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

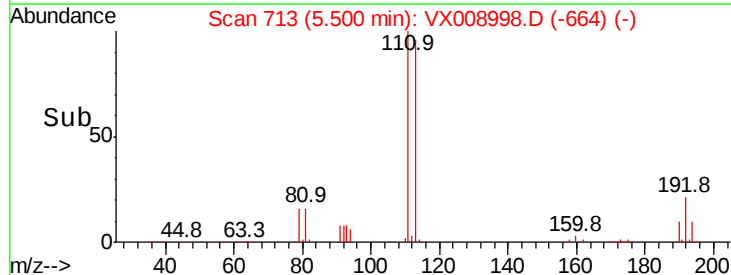
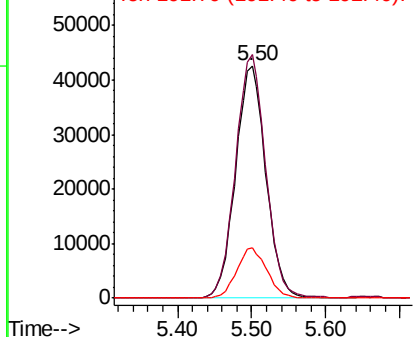


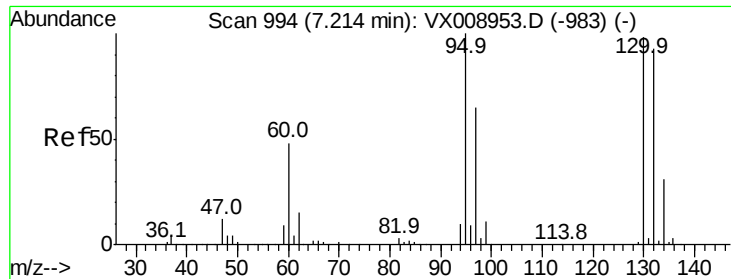
#35
 Dibromofluoromethane
 Concen: 45.938 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008998.D
 Acq: 16 Apr 2019 19:21

Tgt Ion:113 Resp: 122242
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 21.3 17.4 26.0



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

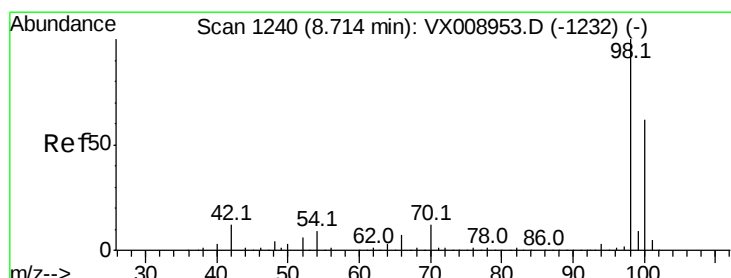
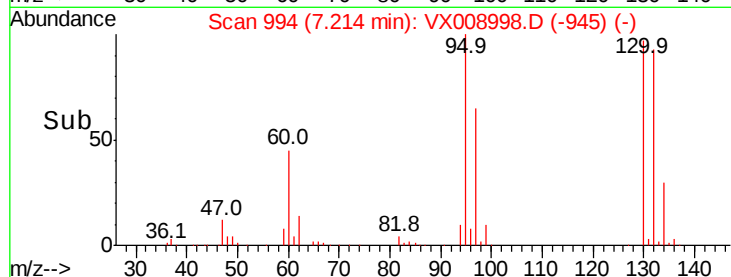
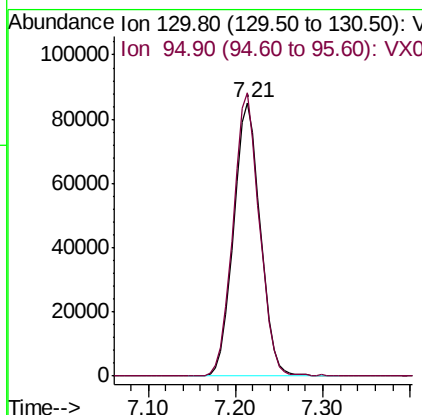
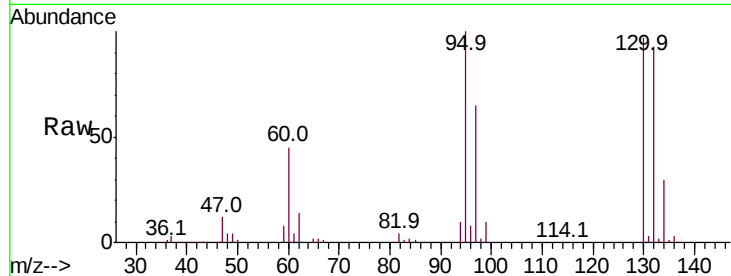




#44
 Trichloroethene
 Concen: 58.456 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008998.D
 Acq: 16 Apr 2019 19:21

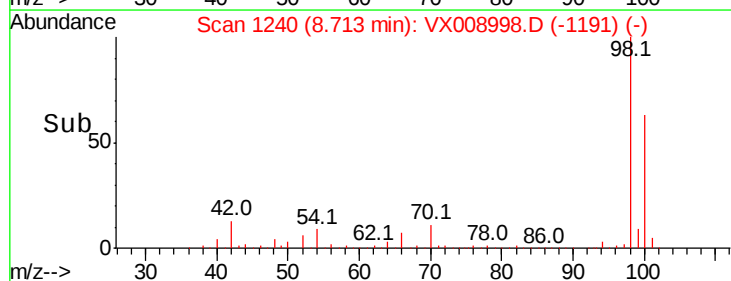
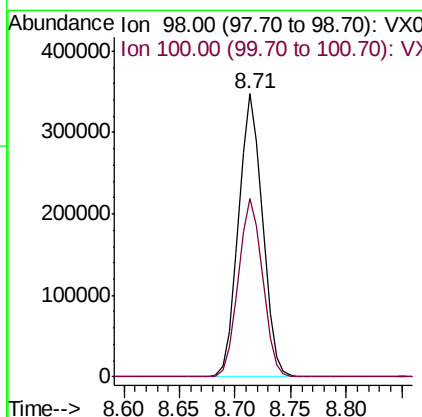
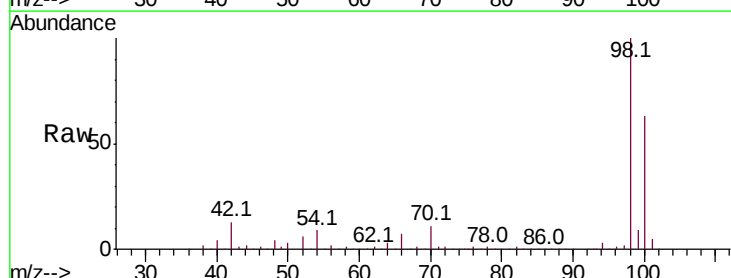
Instrument :
 MSVOA_X
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 SS040MW318-190410

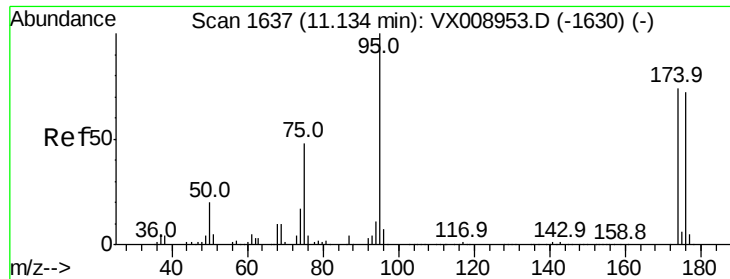
Tot Ion:130 Resp: 181192
 Ion Ratio Lower Upper
 130 100
 95 103.4 0.0 203.2



#50
 Toluene-d8
 Concen: 49.161 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008998.D
 Acq: 16 Apr 2019 19:21

Tgt Ion: 98 Resp: 521716
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.4 77.2

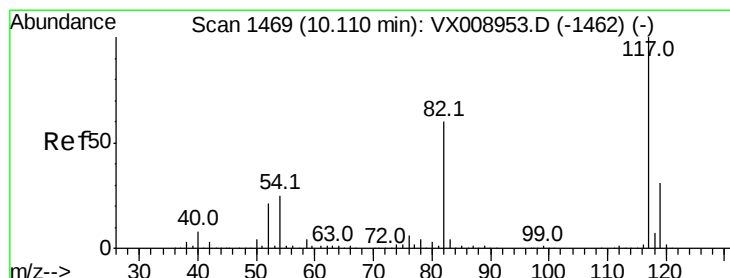
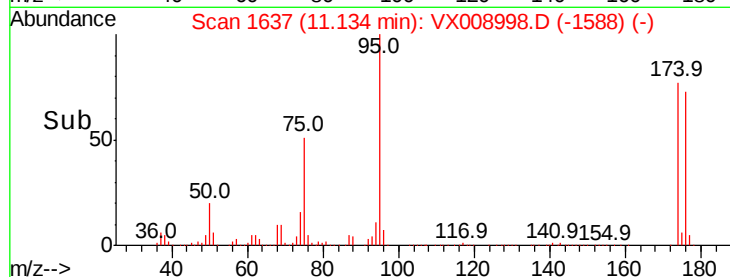
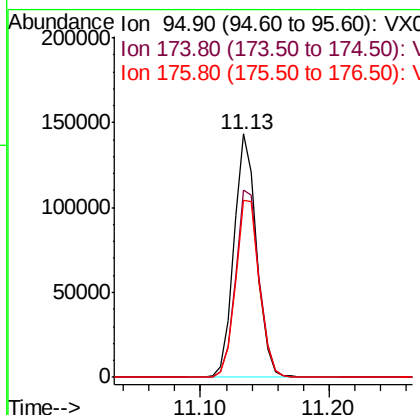
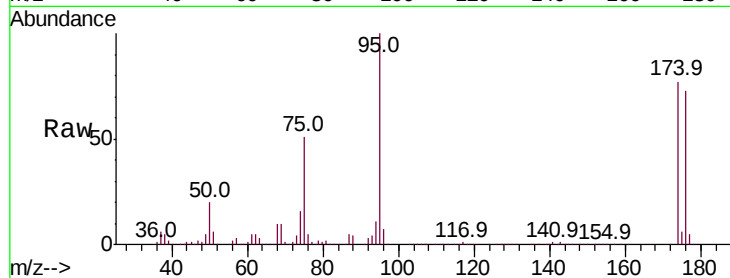




#62
4-Bromofluorobenzene
Concen: 46.861 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008998.D
Acq: 16 Apr 2019 19:21

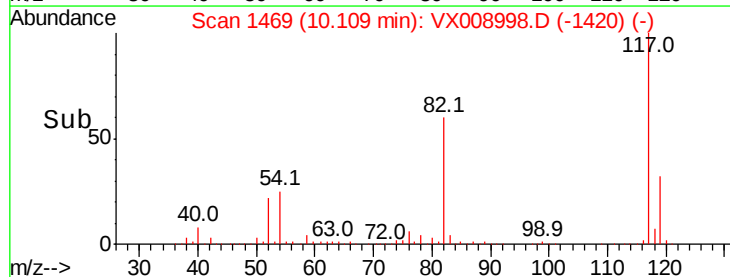
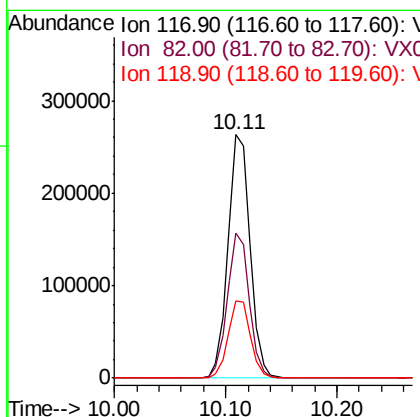
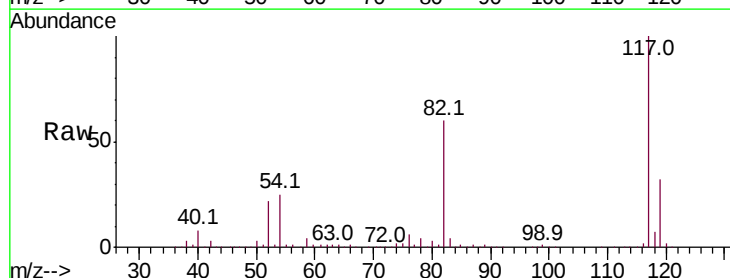
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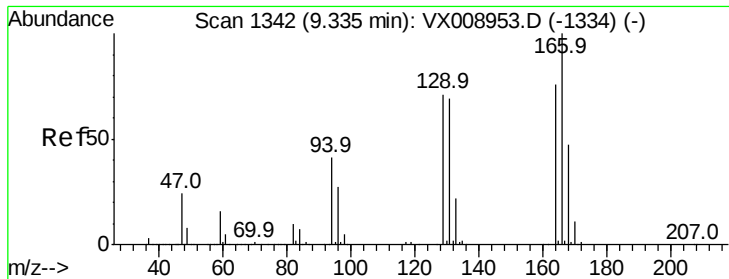
Tot Ion: 95 Resp: 175548
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.6
176 76.6 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008998.D
Acq: 16 Apr 2019 19:21

Tgt Ion: 117 Resp: 361736
Ion Ratio Lower Upper
117 100
82 59.6 48.2 72.4
119 31.7 25.0 37.6





#64

Tetrachloroethene

Concen: 215.560 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008998.D

Acq: 16 Apr 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410

Tot Ion:164 Resp: 592366

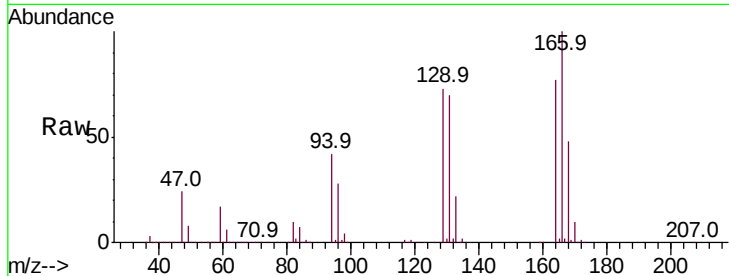
Ion Ratio Lower Upper

164 100

166 129.8 105.0 157.4

129 94.2 74.2 111.4

131 91.1 72.2 108.2

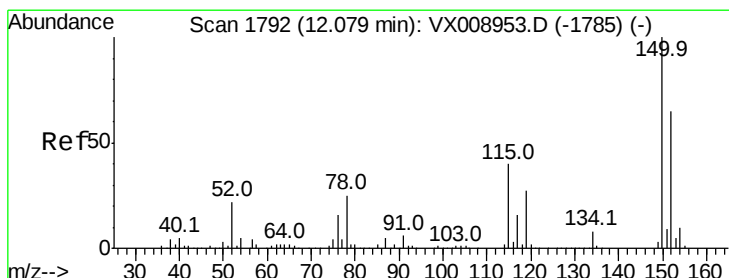
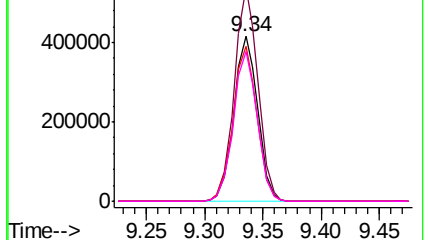
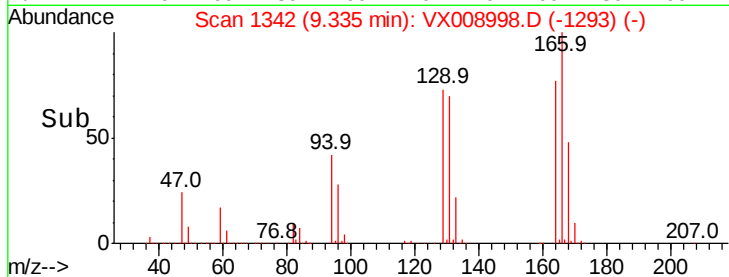


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008998.D

Acq: 16 Apr 2019 19:21

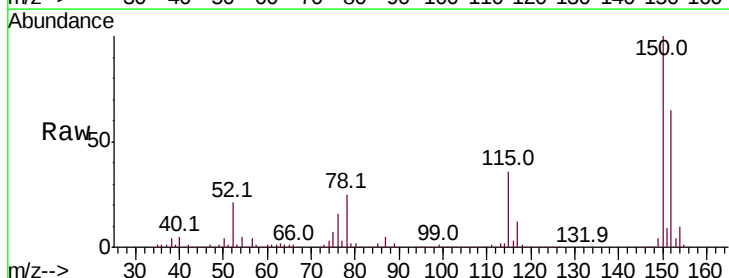
Tgt Ion:152 Resp: 154681

Ion Ratio Lower Upper

152 100

115 60.0 41.4 124.2

150 156.7 0.0 349.8



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

