

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027204.D
 Acq On : 27 Sep 2018 02:21
 Operator : MD/SY
 Sample : J5048-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-83-SEP18

Quant Time: Sep 27 03:40:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

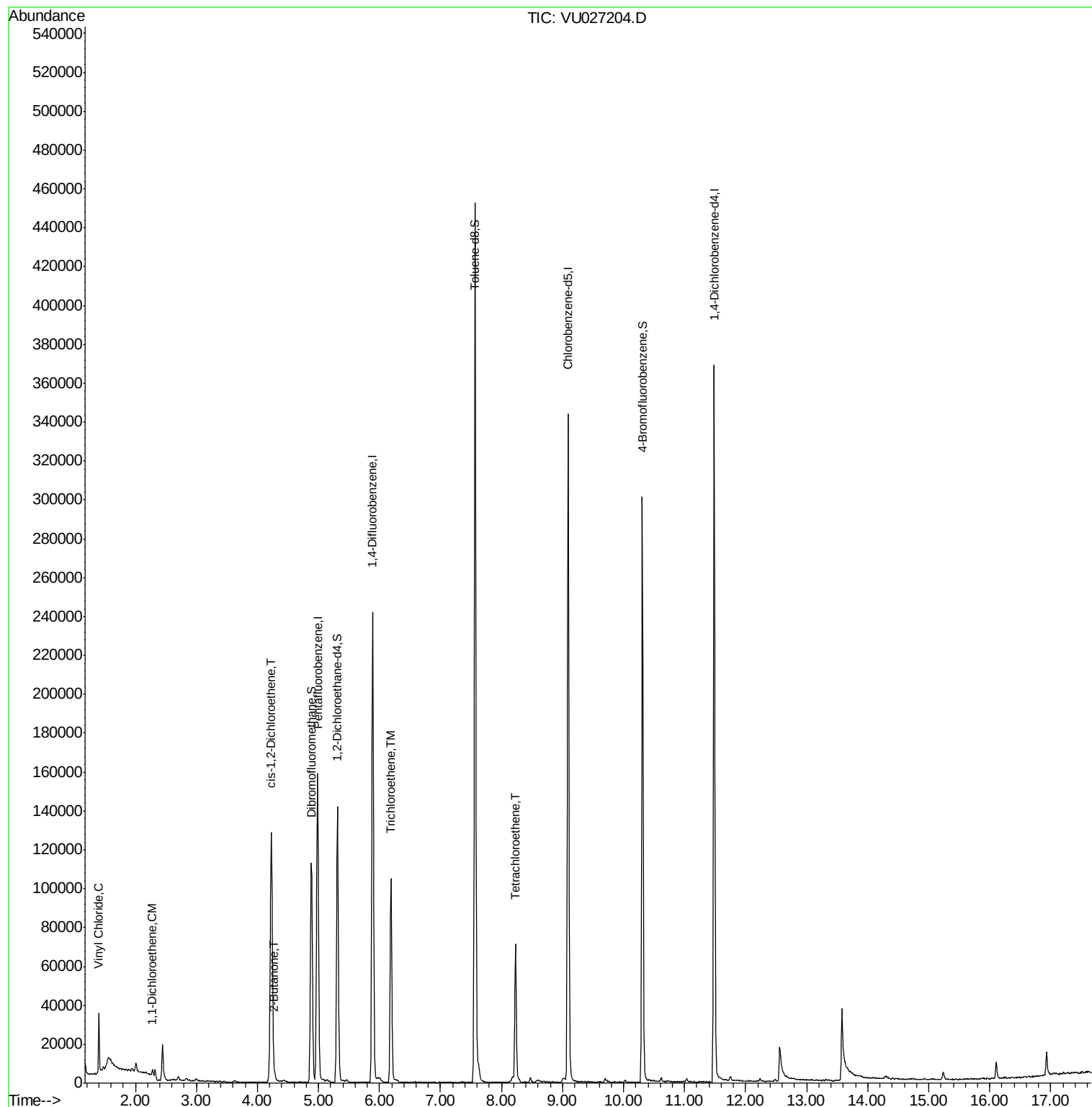
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	112615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	189082	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	87010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	107898	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	4.88	113	78569	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
50) Toluene-d8	7.57	98	295107	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	10.31	95	99891	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	18973	8.018	ug/l	98
12) 1,1-Dichloroethene	2.28	96	1148	0.738	ug/l	94
25) 2-Butanone	4.28	43	7149	3.753	ug/l	93
27) cis-1,2-Dichloroethene	4.23	96	66559	35.491	ug/l	90
44) Trichloroethene	6.19	130	35575	21.783	ug/l	95
64) Tetrachloroethene	8.23	164	16107	11.537	ug/l	92

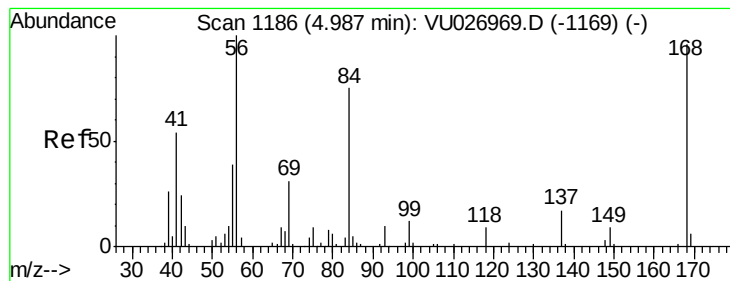
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027204.D

Acq: 27 Sep 2018 02:21

Instrument :

MSVOA_U

ClientSampleId :

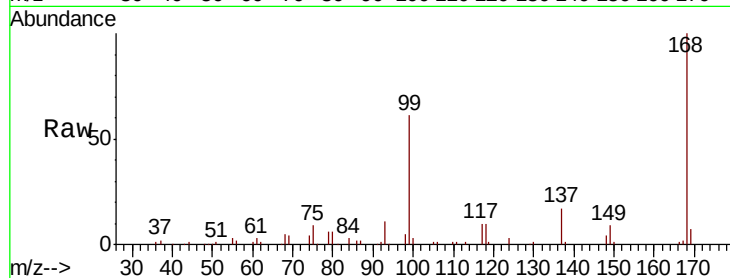
MW-83-SEP18

Tot Ion:168 Resp: 112615

Ion Ratio Lower Upper

168 100

99 61.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

60000

50000

40000

30000

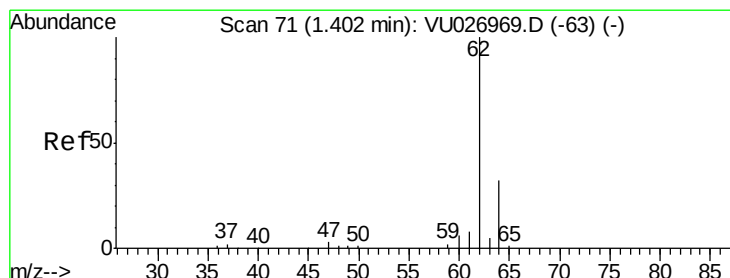
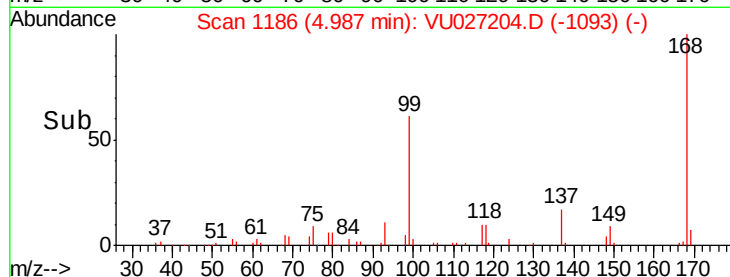
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#4

Vinyl Chloride

Concen: 8.018 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027204.D

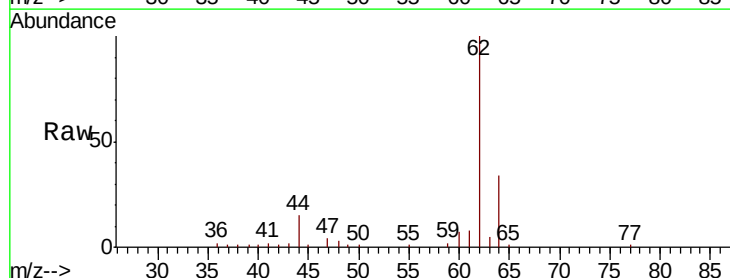
Acq: 27 Sep 2018 02:21

Tgt Ion: 62 Resp: 18973

Ion Ratio Lower Upper

62 100

64 32.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)

1.40

20000

15000

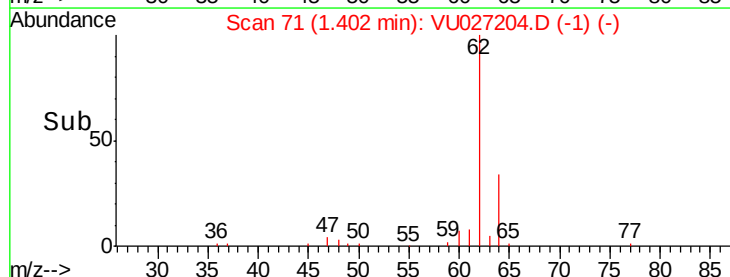
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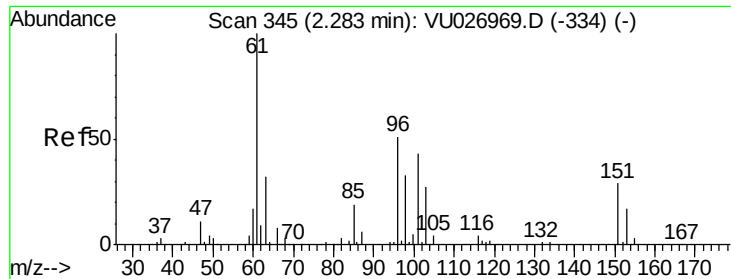
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0

1.35 1.40 1.45

Time-->

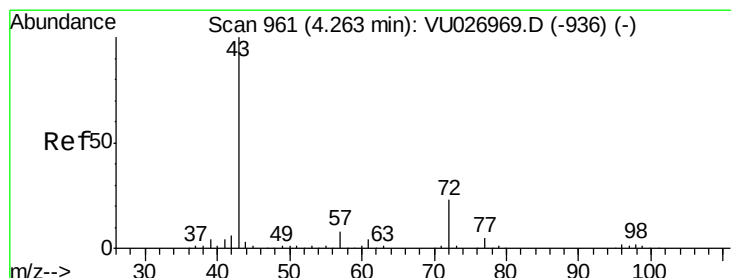
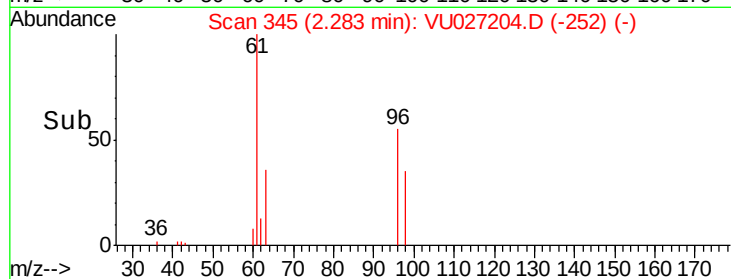
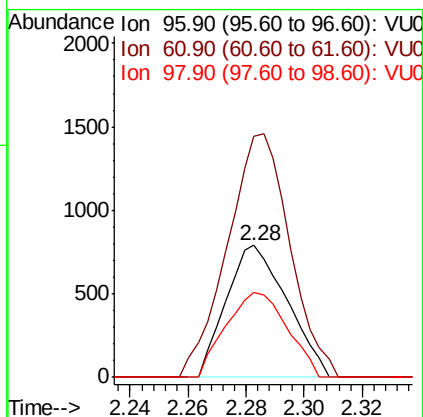
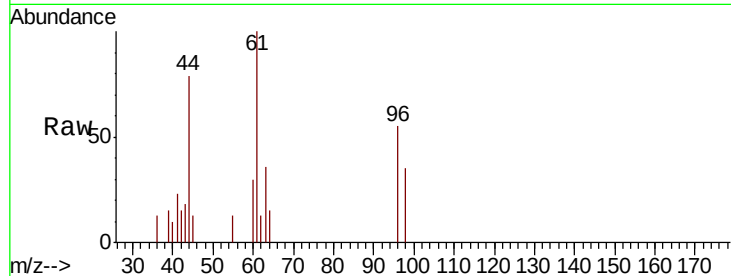




#12
 1,1-Dichloroethene
 Concen: 0.738 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027204.D
 Acq: 27 Sep 2018 02:21

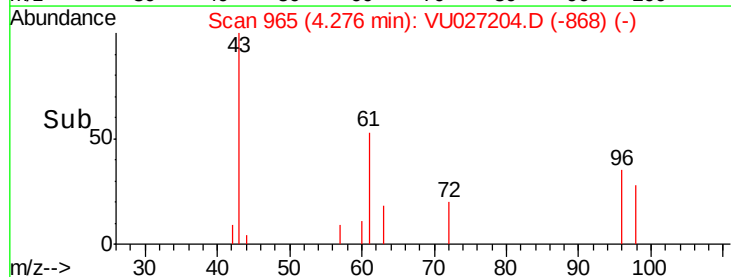
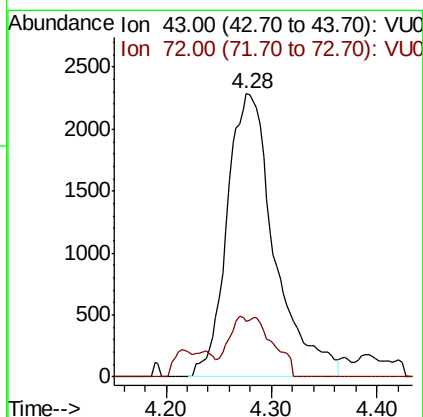
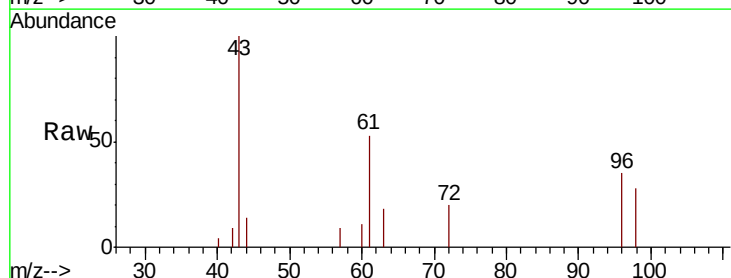
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-83-SEP18

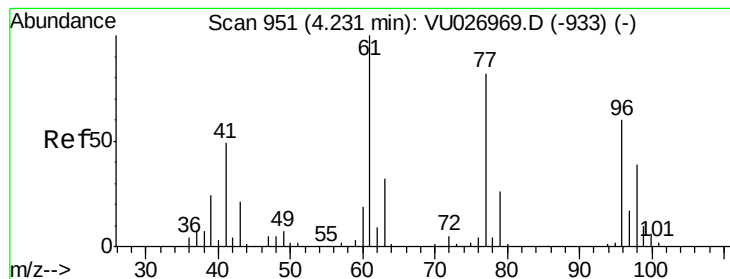
Tot Ion: 96 Resp: 1148
 Ion Ratio Lower Upper
 96 100
 61 182.7 156.1 234.1
 98 64.2 51.4 77.0



#25
 2-Butanone
 Concen: 3.753 ug/l
 RT: 4.28 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VU027204.D
 Acq: 27 Sep 2018 02:21

Tgt Ion: 43 Resp: 7149
 Ion Ratio Lower Upper
 43 100
 72 19.8 18.4 27.6



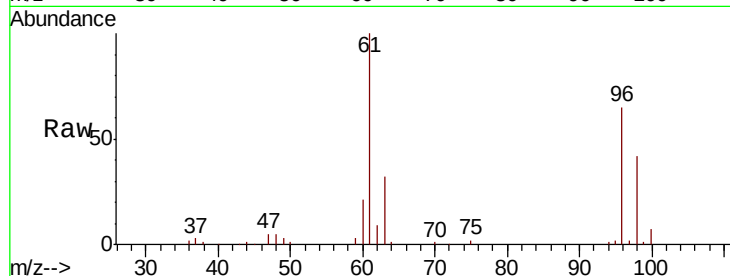


#27

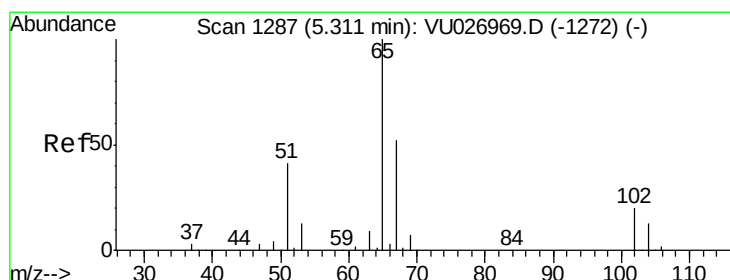
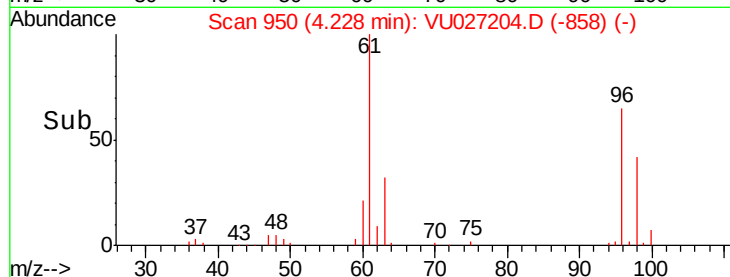
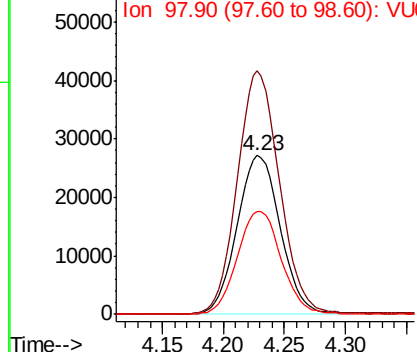
cis-1,2-Dichloroethene
 Concen: 35.491 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027204.D
 Acq: 27 Sep 2018 02:21

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-83-SEP18

Tot Ion: 96 Resp: 66559
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 337.2
 98 66.0 0.0 127.6



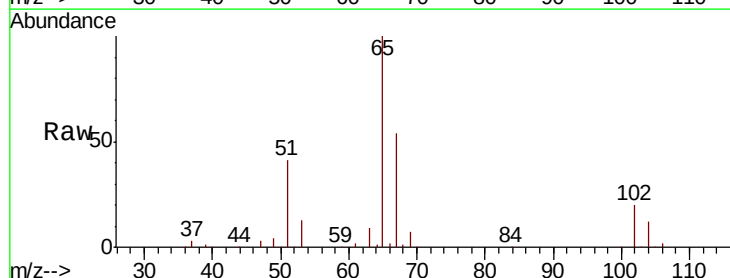
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



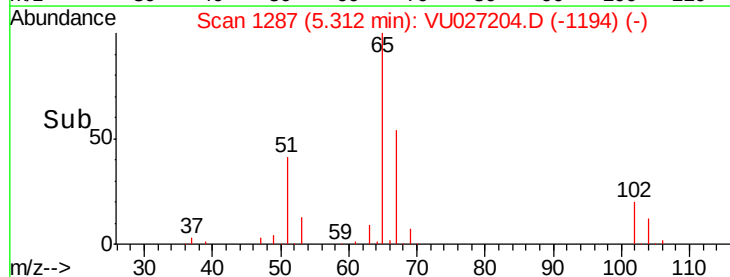
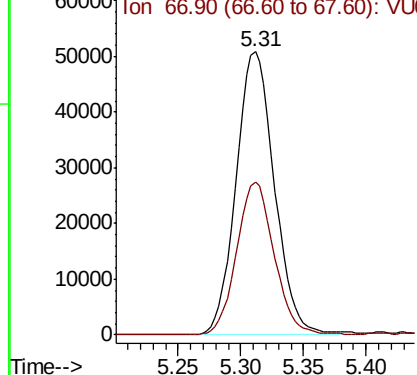
#33

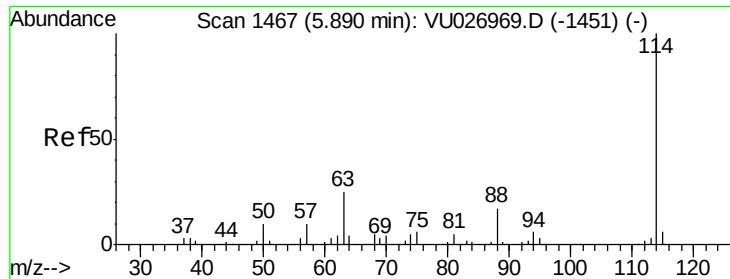
1,2-Dichloroethane-d4
 Concen: 47.604 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027204.D
 Acq: 27 Sep 2018 02:21

Tgt Ion: 65 Resp: 107898
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0

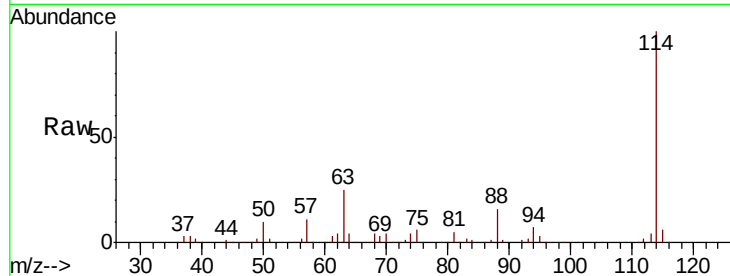




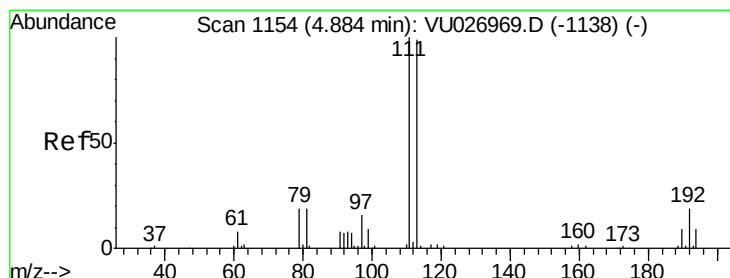
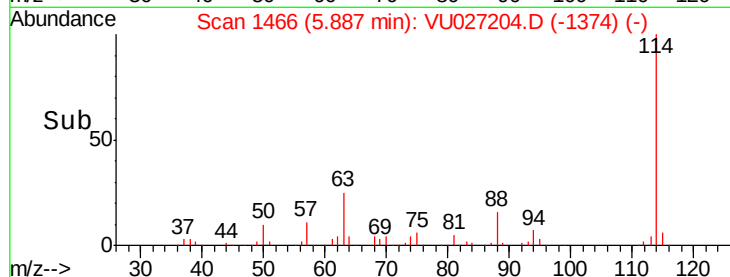
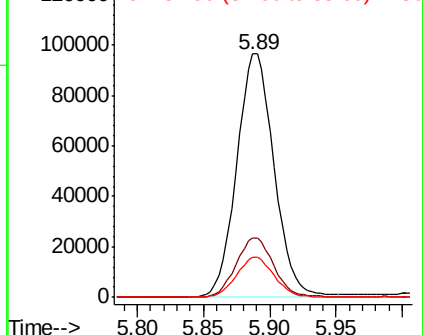
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027204.D
 Acq: 27 Sep 2018 02:21

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-83-SEP18

Tot Ion:114 Resp: 189082
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.4 0.0 33.8

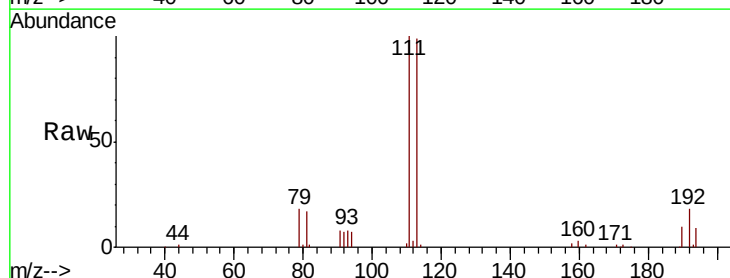


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

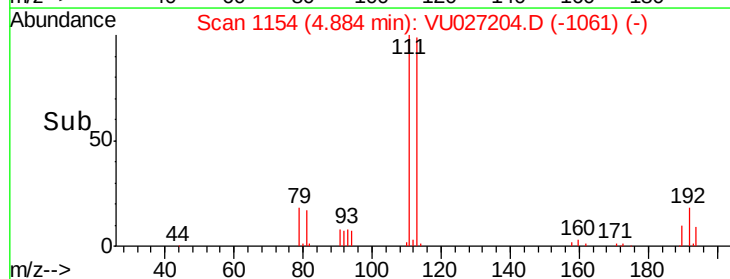
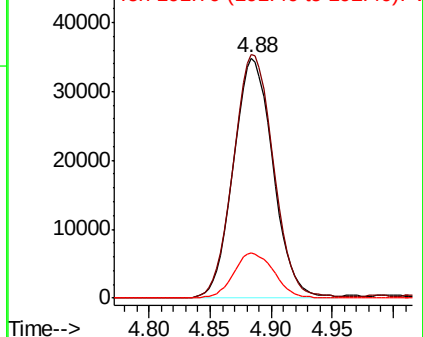


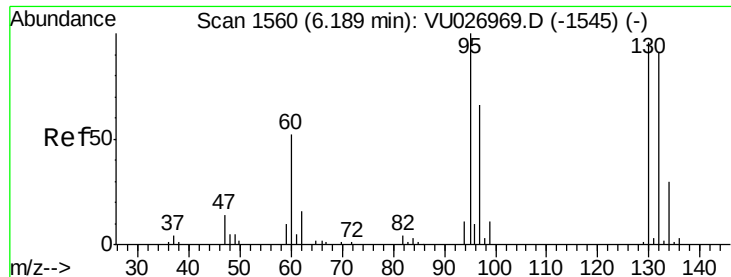
#35
 Dibromofluoromethane
 Concen: 47.938 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027204.D
 Acq: 27 Sep 2018 02:21

Tgt Ion:113 Resp: 78569
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 19.2 15.2 22.8



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: 21.783 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027204.D

Acq: 27 Sep 2018 02:21

Instrument :

MSVOA_U

ClientSampleId :

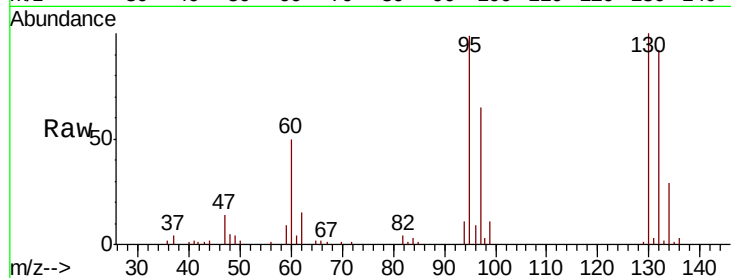
MW-83-SEP18

Tot Ion:130 Resp: 35575

Ion Ratio Lower Upper

130 100

95 98.9 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

6.19

20000

15000

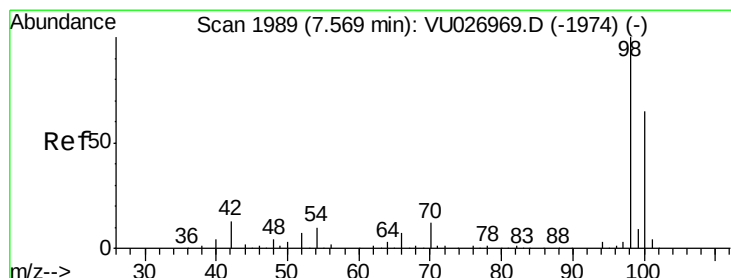
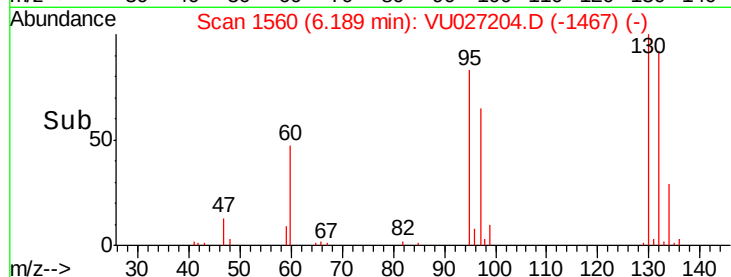
10000

5000

0

6.10 6.15 6.20 6.25

Time-->



#50

Toluene-d8

Concen: 47.246 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027204.D

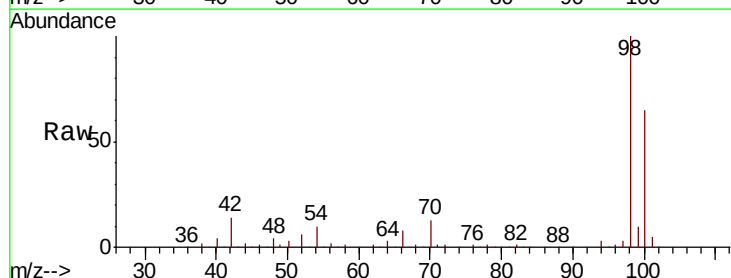
Acq: 27 Sep 2018 02:21

Tgt Ion: 98 Resp: 295107

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

150000

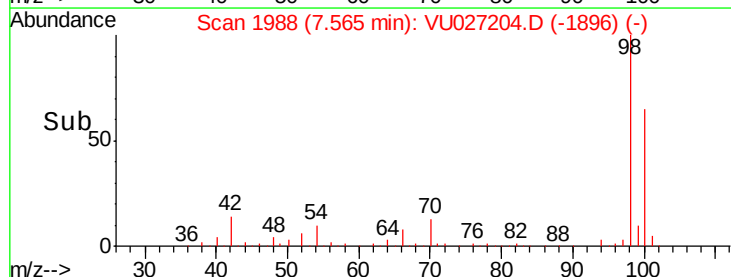
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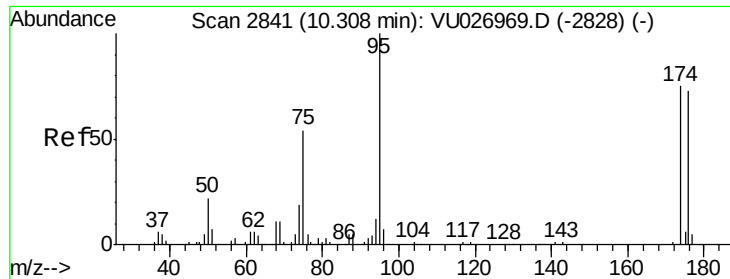
50000

0

7.50 7.55 7.60 7.65

Time-->

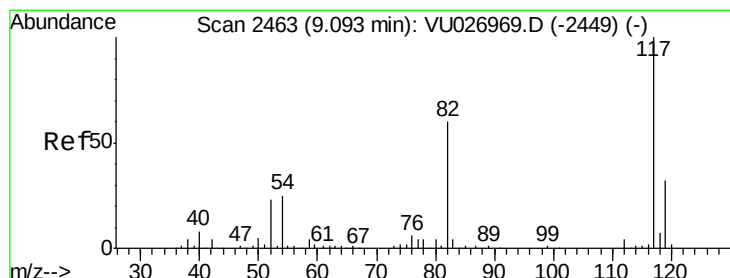
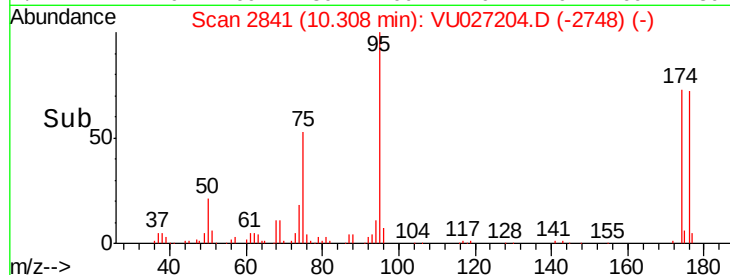
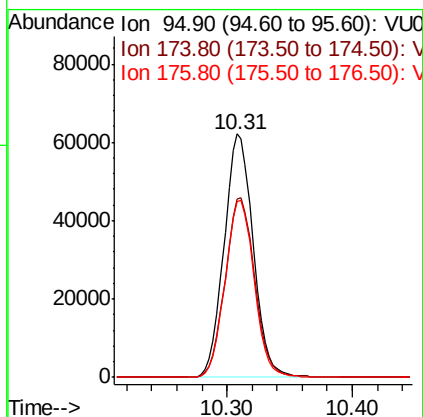
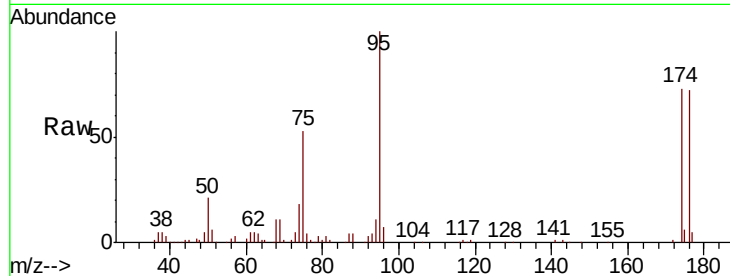




#62
 4-Bromofluorobenzene
 Concen: 46.607 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027204.D
 Acq: 27 Sep 2018 02:21

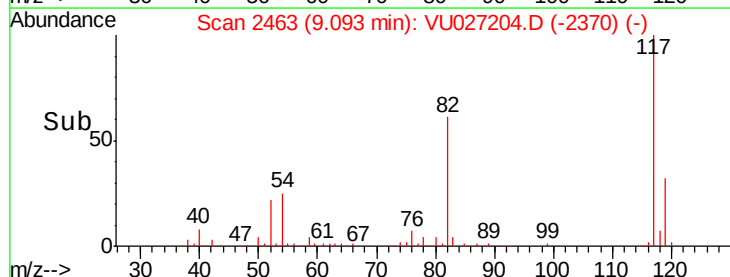
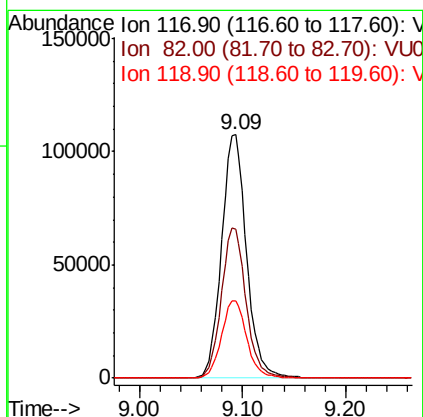
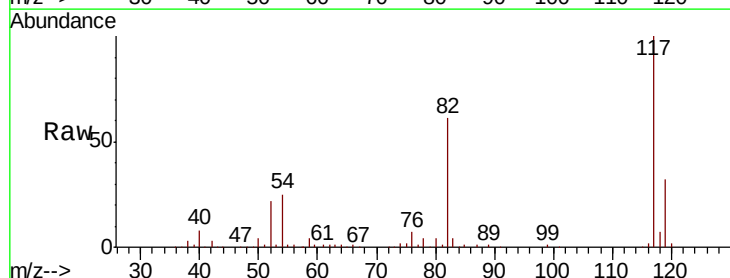
Instrument :
 MSVOA_U
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 MW-83-SEP18

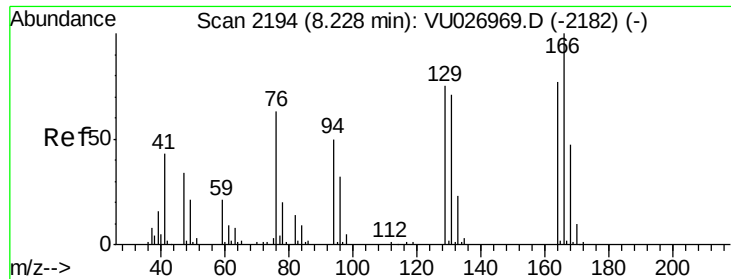
Tot Ion: 95 Resp: 99891
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.2
 176 72.7 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027204.D
 Acq: 27 Sep 2018 02:21

Tgt Ion: 117 Resp: 181182
 Ion Ratio Lower Upper
 117 100
 82 61.2 48.0 72.0
 119 31.9 25.8 38.8





#64

Tetrachloroethene

Concen: 11.537 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027204.D

Acq: 27 Sep 2018 02:21

Instrument :

MSVOA_U

ClientSampleId :

MW-83-SEP18

Tot Ion:164 Resp: 16107

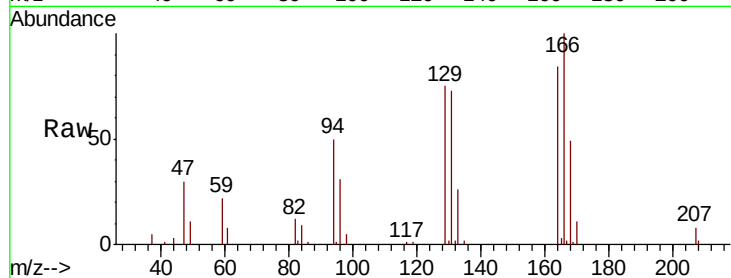
Ion Ratio Lower Upper

164 100

166 118.9 104.4 156.6

129 89.2 78.7 118.1

131 87.2 73.9 110.9

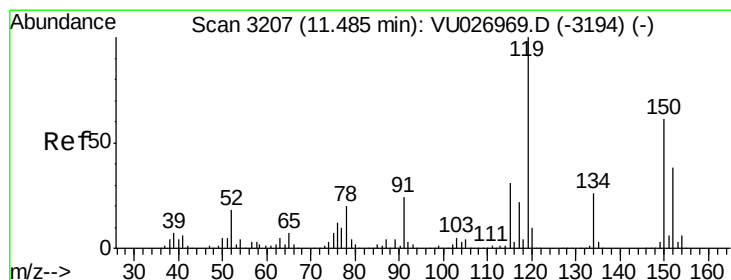
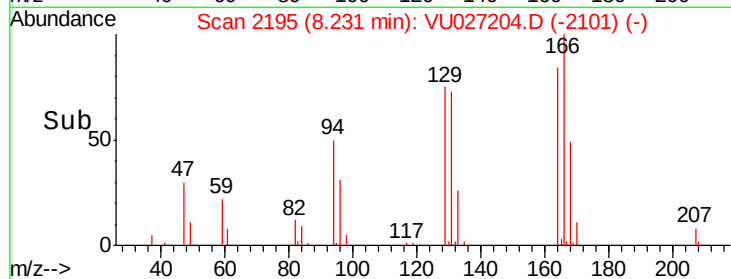
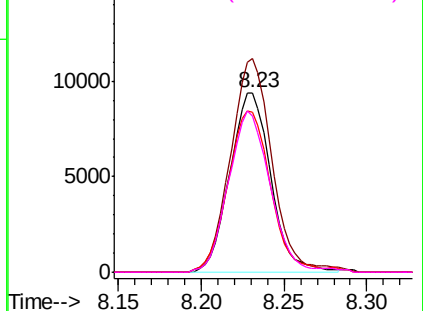


Abundance Ion 163.80 (163.50 to 164.50): V

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: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027204.D

Acq: 27 Sep 2018 02:21

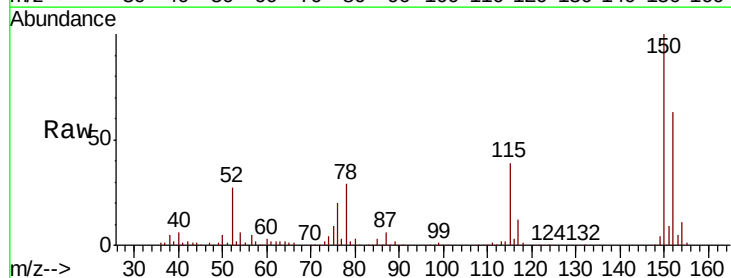
Tgt Ion:152 Resp: 87010

Ion Ratio Lower Upper

152 100

115 61.0 44.9 134.5

150 156.5 0.0 355.8



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

