

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110918\
 Data File : VU028046.D
 Acq On : 09 Nov 2018 15:46
 Operator : MD/SY
 Sample : J5885-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: Nov 12 07:10:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

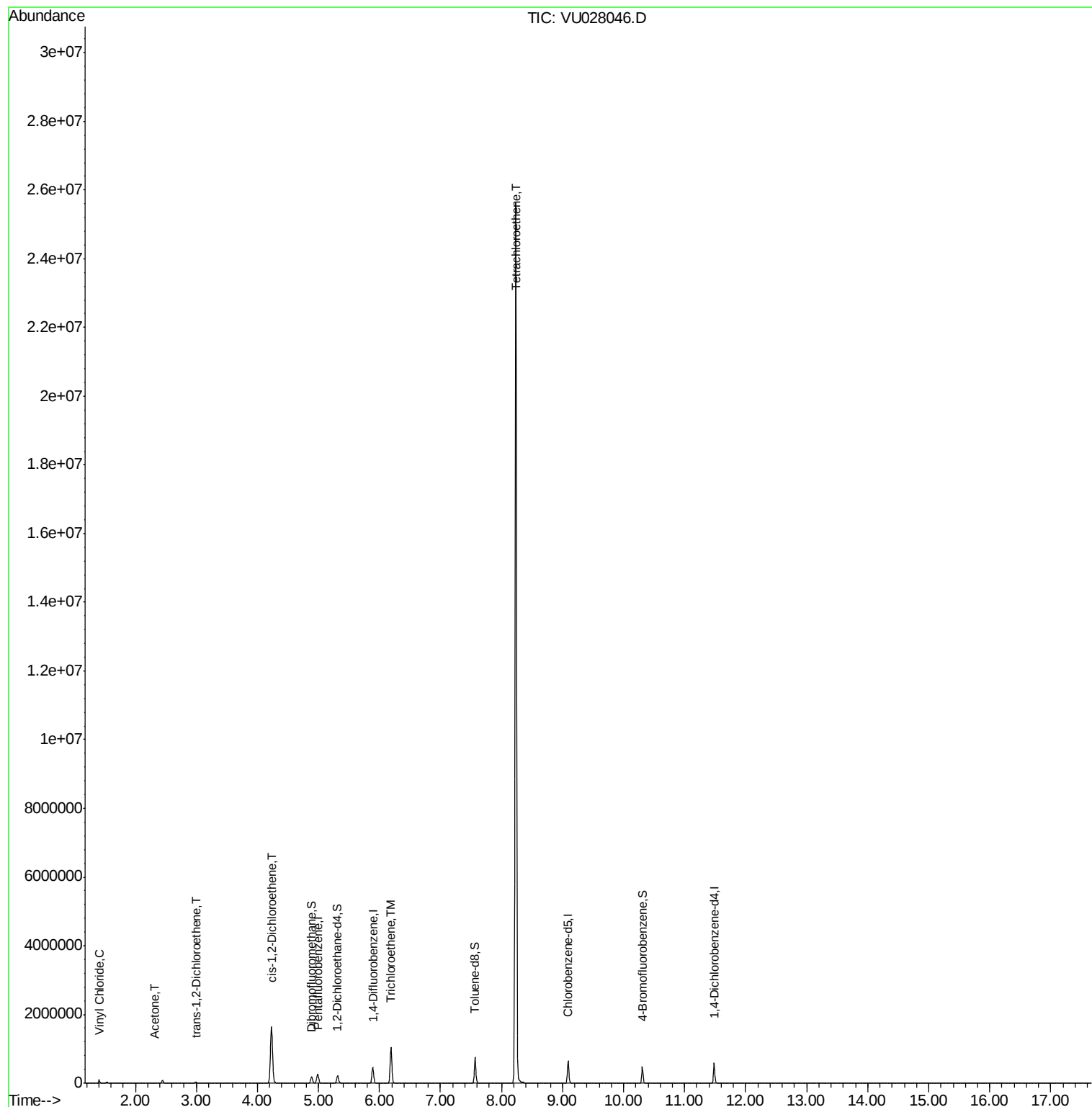
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	194427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	380818	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	334841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	143185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	167757	58.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.06%	
35) Dibromofluoromethane	4.89	113	124325	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
50) Toluene-d8	7.57	98	494938	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
62) 4-Bromofluorobenzene	10.31	95	164068	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	57895	19.523	ug/l	99
16) Acetone	2.32	43	3654	2.037	ug/l #	80
21) trans-1,2-Dichloroethene	2.99	96	9840	4.184	ug/l	92
27) cis-1,2-Dichloroethene	4.23	96	879851	333.650	ug/l	90
44) Trichloroethene	6.19	130	341901	130.438	ug/l	100
64) Tetrachloroethene	8.23	164	5444762	2507.721	ug/l	99

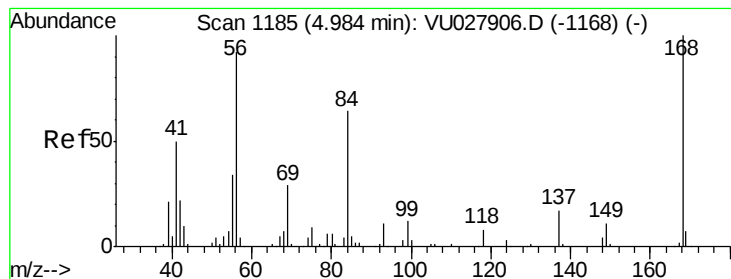
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. 0.01 min

Lab File: VU028046.D

Acq: 09 Nov 2018 15:46

Instrument :

MSVOA_U

ClientSampleId :

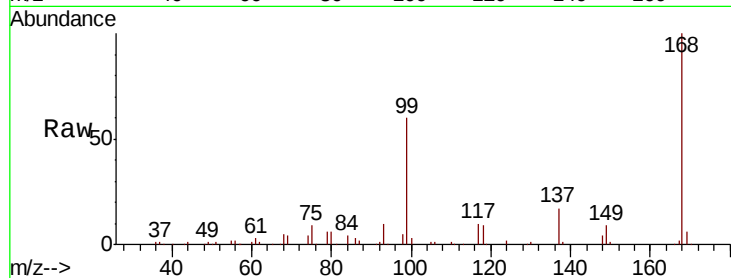
MW-3

Tot Ion:168 Resp: 194427

Ion Ratio Lower Upper

168 100

99 59.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028046.D (-1092) (-)

4.99

80000

60000

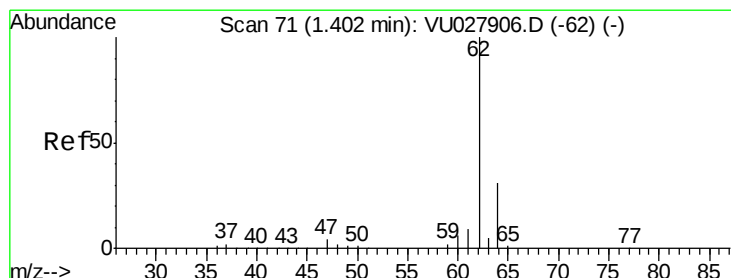
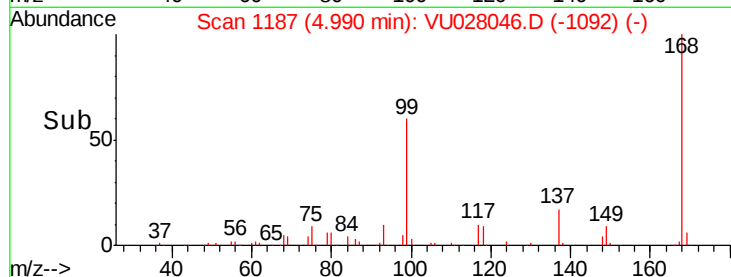
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#4

Vinyl Chloride

Concen: 19.523 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028046.D

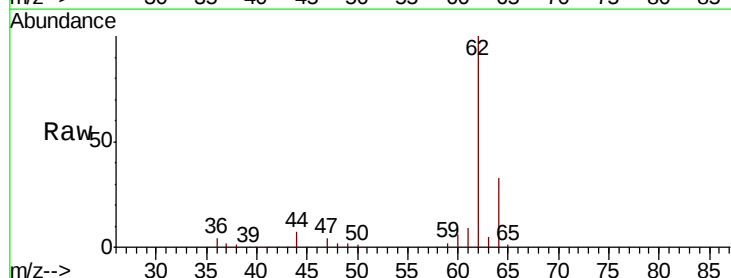
Acq: 09 Nov 2018 15:46

Tgt Ion: 62 Resp: 57895

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU027906.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028046.D (-1) (-)

1.40

60000

50000

40000

30000

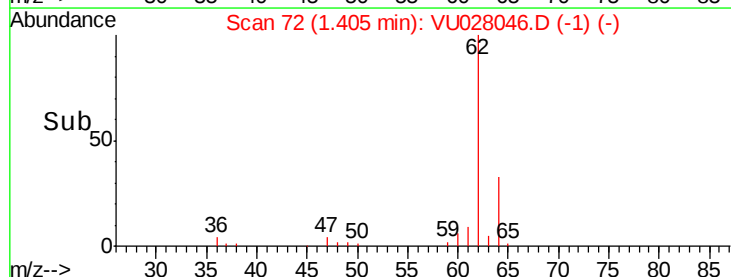
20000

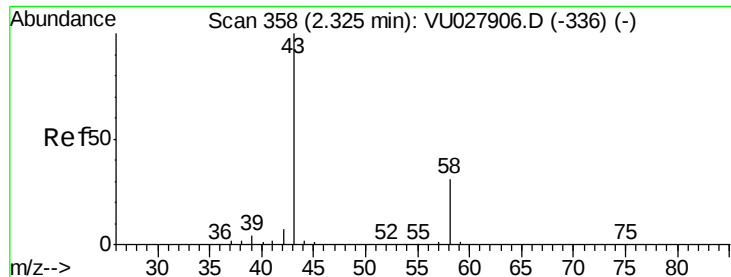
10000

0

1.35 1.40 1.45

Time-->





#16

Acetone

Concen: 2.037 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028046.D

Acq: 09 Nov 2018 15:46

Instrument :

MSVOA_U

ClientSampleId :

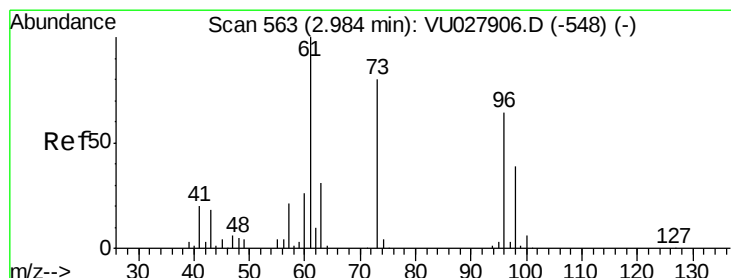
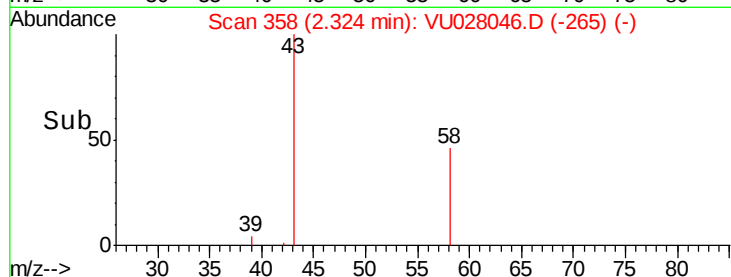
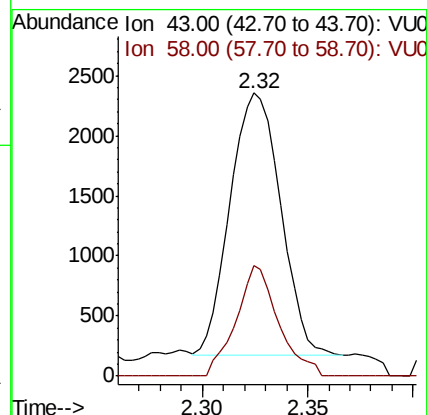
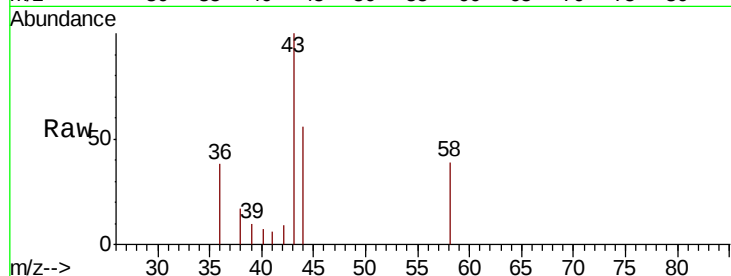
MW-3

Tot Ion: 43 Resp: 3654

Ion Ratio Lower Upper

43 100

58 42.0 24.6 37.0#



#21

trans-1,2-Dichloroethene

Concen: 4.184 ug/l

RT: 2.99 min Scan# 565

Delta R.T. 0.01 min

Lab File: VU028046.D

Acq: 09 Nov 2018 15:46

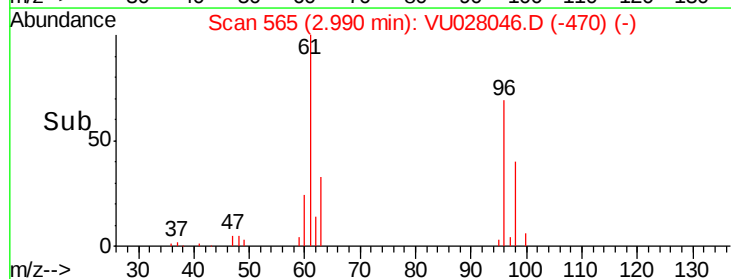
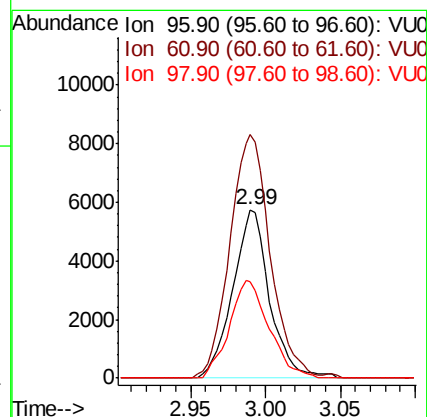
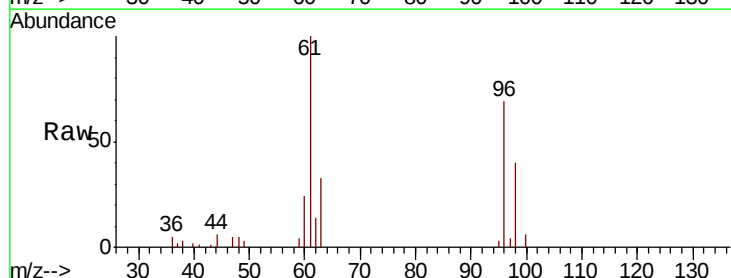
Tgt Ion: 96 Resp: 9840

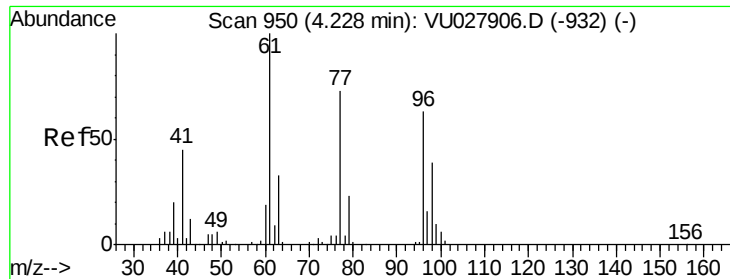
Ion Ratio Lower Upper

96 100

61 144.3 125.0 187.6

98 57.4 48.2 72.4



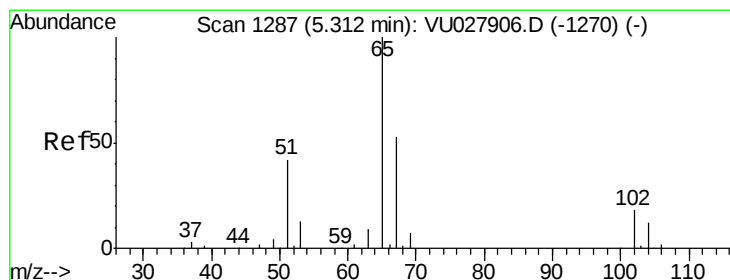
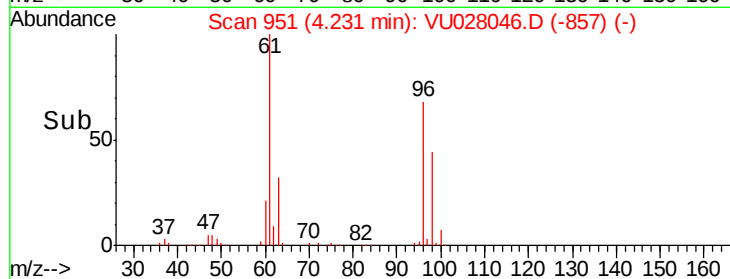
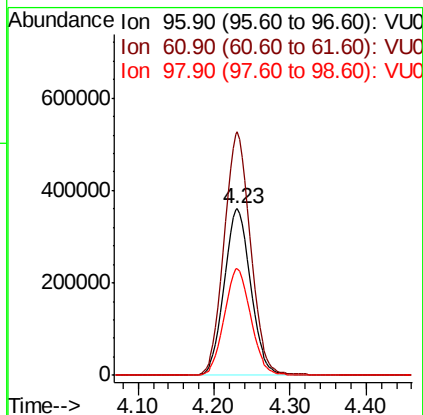
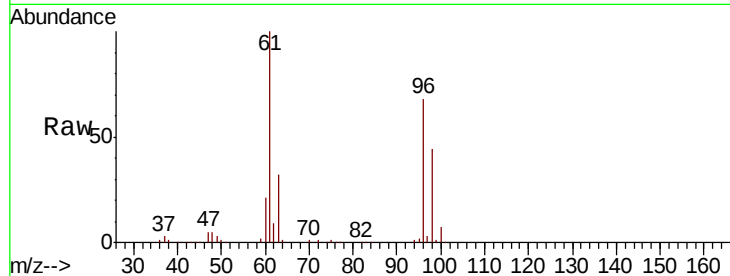


#27

cis-1,2-Dichloroethene
 Concen: 333.650 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU028046.D
 Acq: 09 Nov 2018 15:46

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

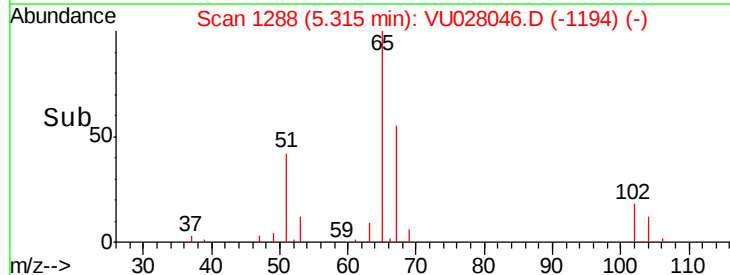
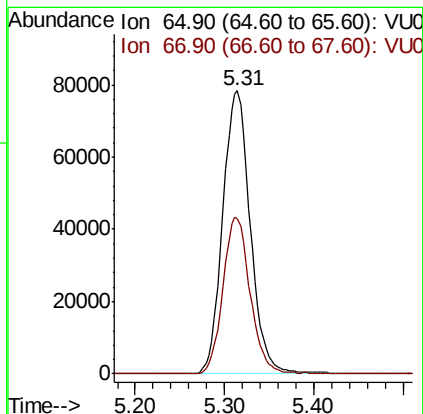
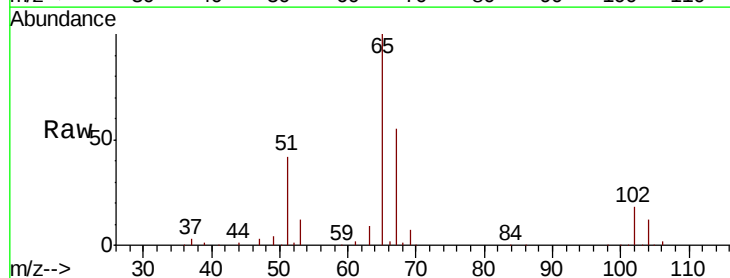
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	329.6
98	63.7	0.0	127.2

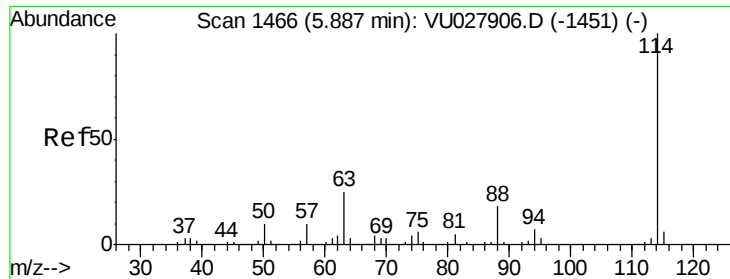


#33

1,2-Dichloroethane-d4
 Concen: 58.034 ug/l
 RT: 5.31 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VU028046.D
 Acq: 09 Nov 2018 15:46

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.0

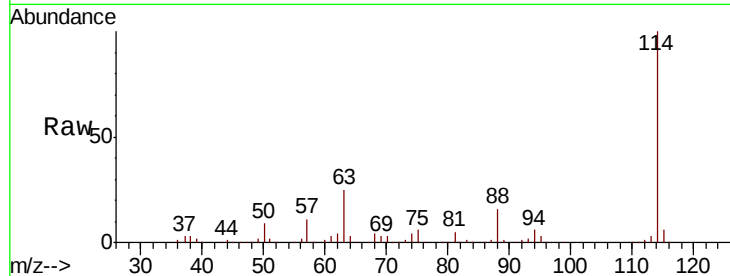




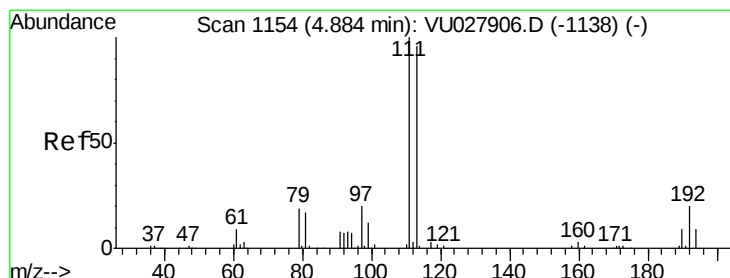
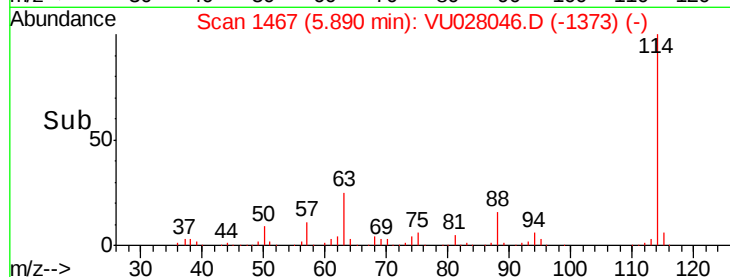
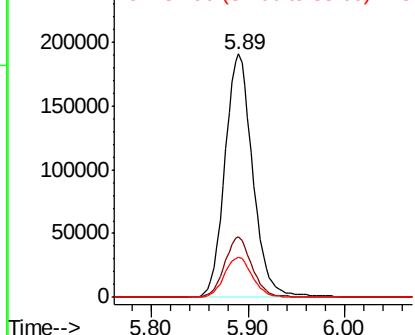
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028046.D
 Acq: 09 Nov 2018 15:46

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Tot Ion:114 Resp: 380818
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.8
 88 16.4 0.0 35.8

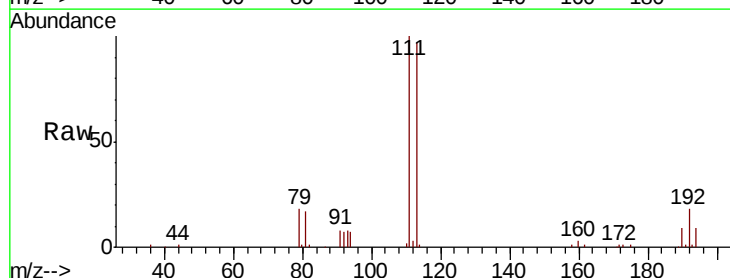


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

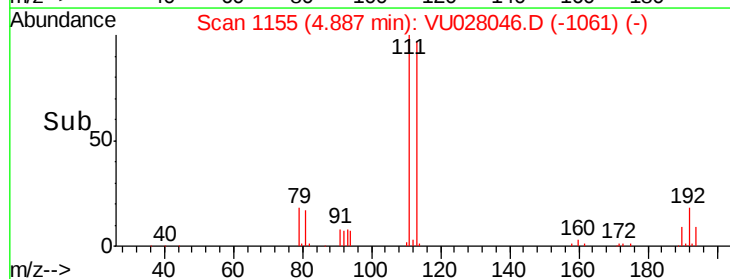
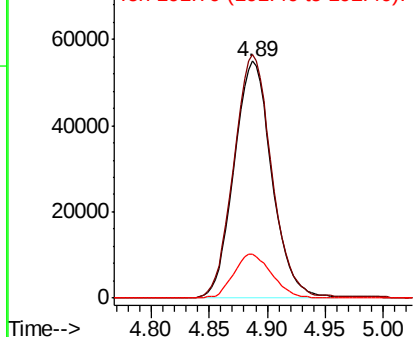


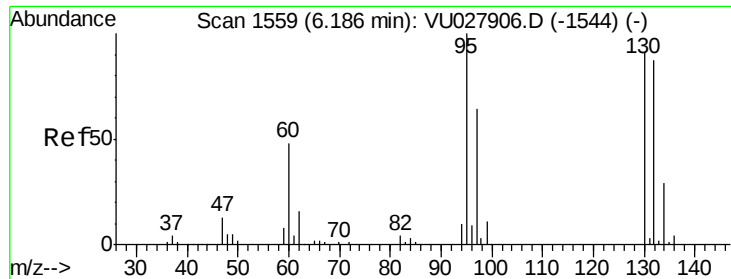
#35
 Dibromofluoromethane
 Concen: 51.778 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028046.D
 Acq: 09 Nov 2018 15:46

Tgt Ion:113 Resp: 124325
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.6
 192 18.8 15.6 23.4



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: 130.438 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028046.D

Acq: 09 Nov 2018 15:46

Instrument :

MSVOA_U

ClientSampleId :

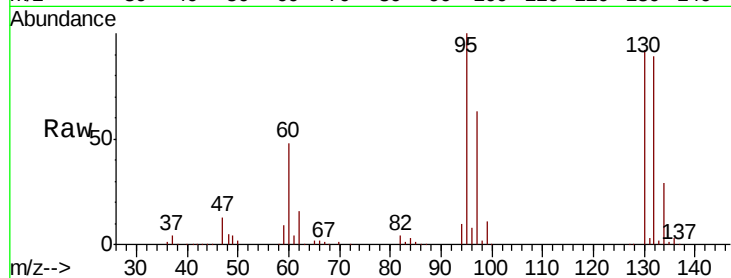
MW-3

Tot Ion:130 Resp: 341901

Ion Ratio Lower Upper

130 100

95 109.3 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): VU027906.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU027906.D (-1544) (-)

6.19

200000

150000

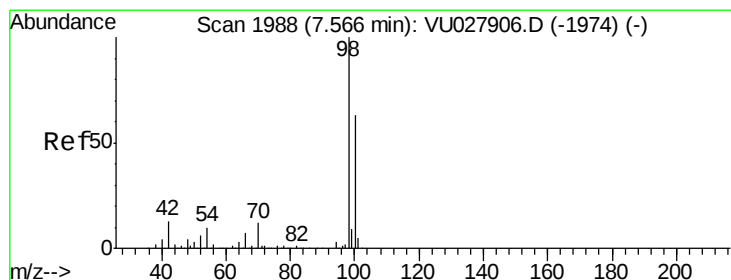
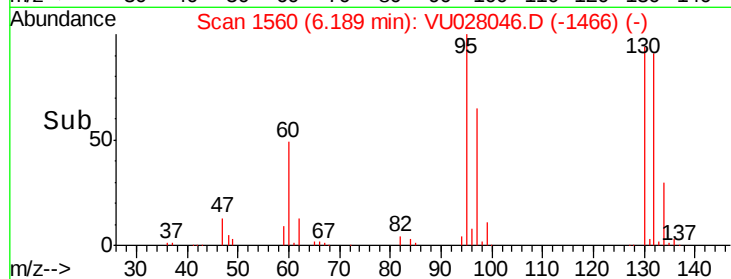
100000

50000

0

6.10 6.20 6.30

Time-->



#50

Toluene-d8

Concen: 53.361 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028046.D

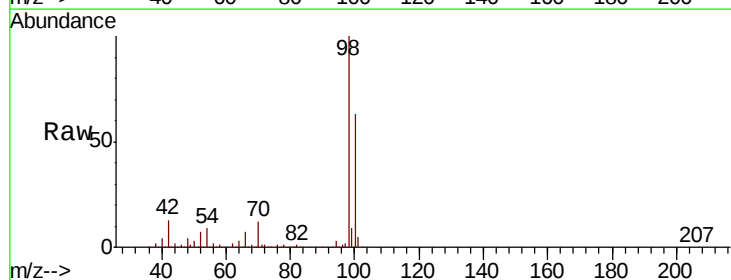
Acq: 09 Nov 2018 15:46

Tgt Ion: 98 Resp: 494938

Ion Ratio Lower Upper

98 100

100 62.6 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

7.57

300000

250000

200000

150000

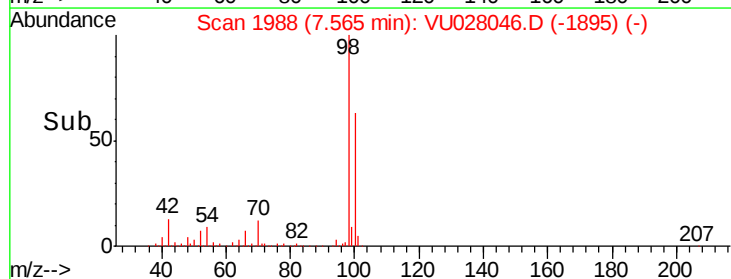
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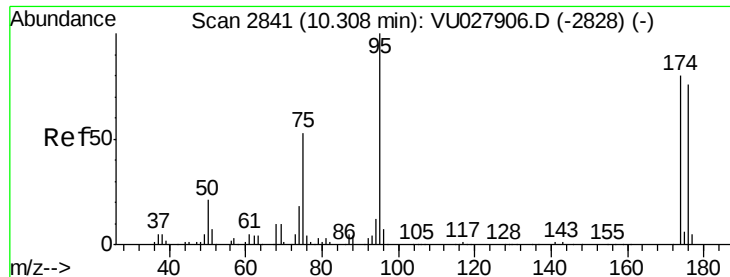
50000

0

7.50 7.60 7.70

Time-->

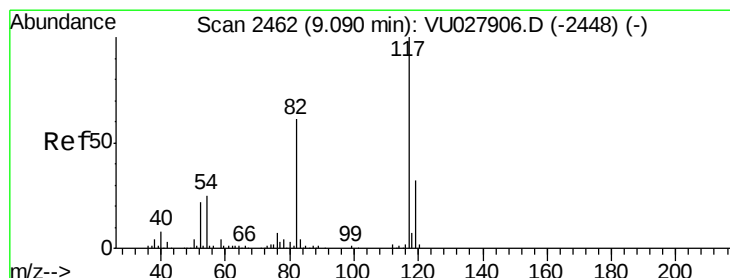
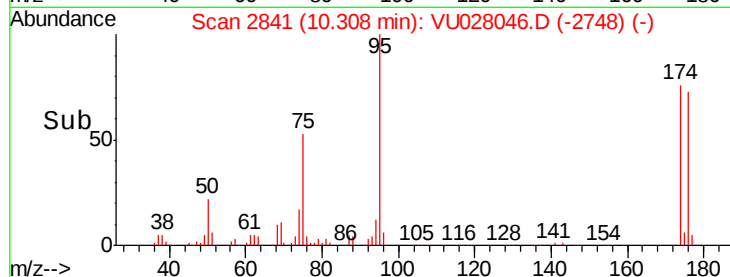
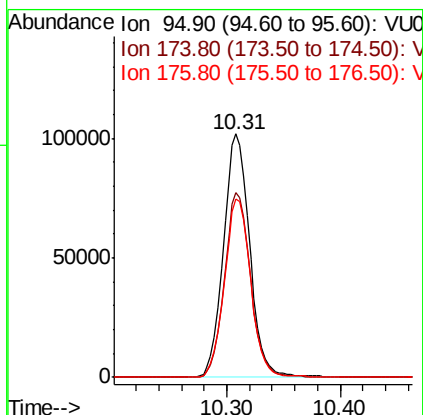
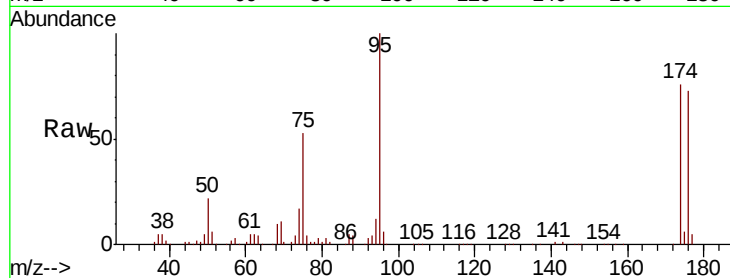




#62
4-Bromofluorobenzene
Concen: 47.957 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028046.D
Acq: 09 Nov 2018 15:46

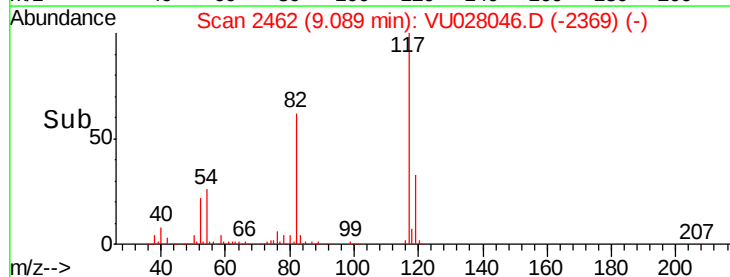
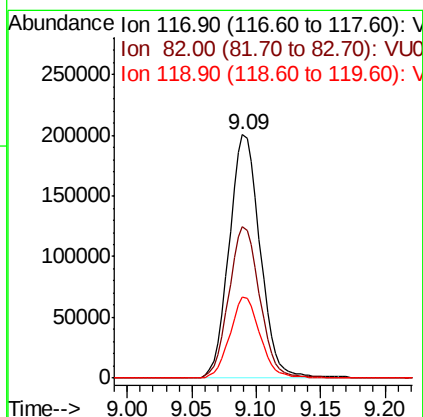
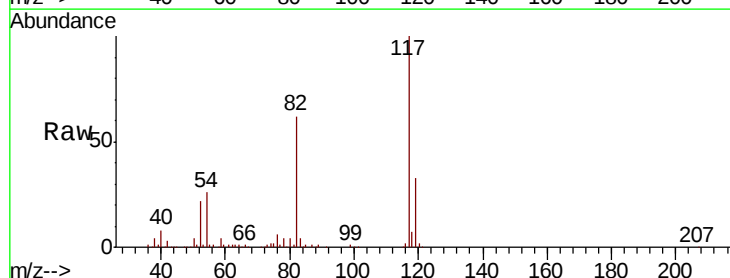
Instrument :
MSVOA_U
ClientSampled :
MW-3

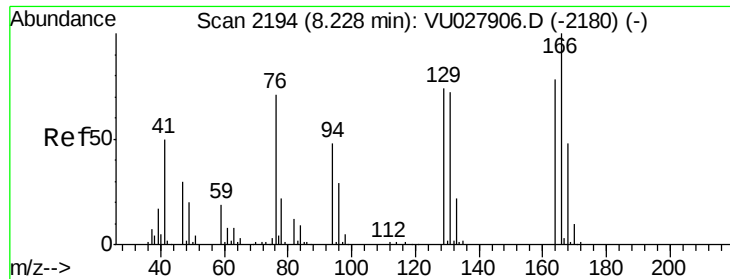
Tot Ion: 95 Resp: 164068
Ion Ratio Lower Upper
95 100
174 75.4 0.0 156.4
176 73.6 0.0 150.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028046.D
Acq: 09 Nov 2018 15:46

Tgt Ion: 117 Resp: 334841
Ion Ratio Lower Upper
117 100
82 62.1 48.6 73.0
119 33.1 25.8 38.8





#64

Tetrachloroethene

Concen: 2507.721 ug/l

RT: 8.23 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VU028046.D

Acq: 09 Nov 2018 15:46

Instrument :

MSVOA_U

ClientSampleId :

MW-3

Tot Ion:164 Resp: 5444762

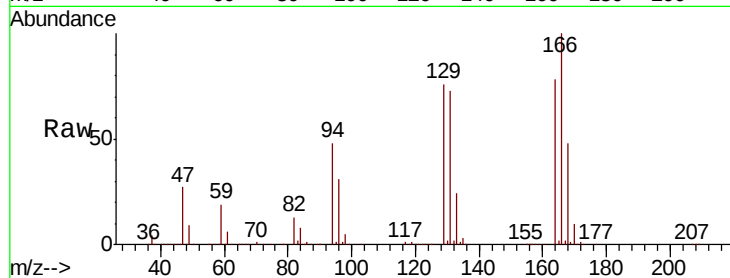
Ion Ratio Lower Upper

164 100

166 128.3 102.1 153.1

129 97.0 75.9 113.9

131 93.1 73.0 109.6

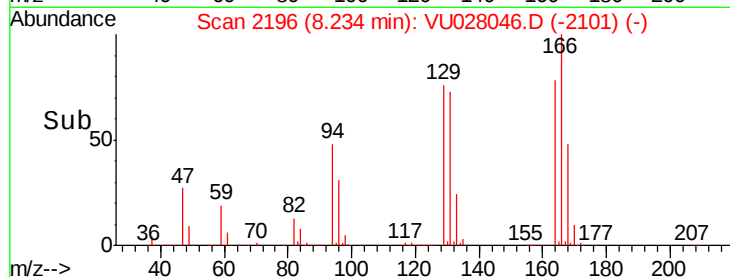


Abundance Ion 163.80 (163.50 to 164.50): V

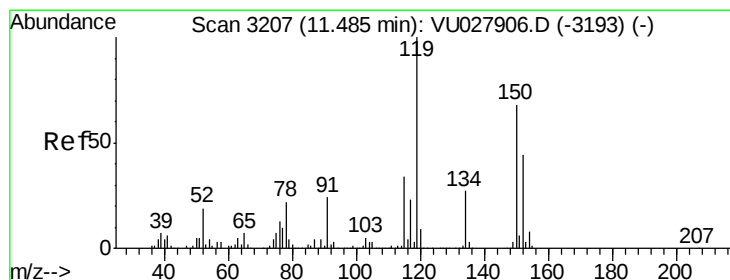
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time--> 8.10 8.20 8.30 8.40



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028046.D

Acq: 09 Nov 2018 15:46

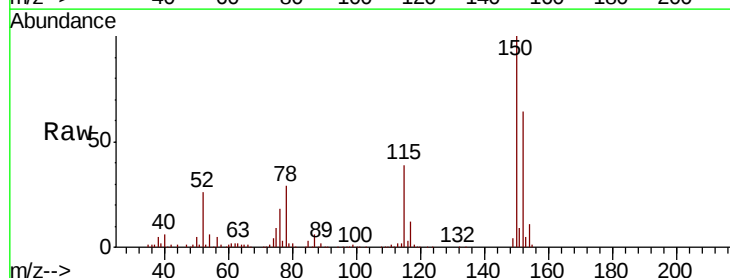
Tgt Ion:152 Resp: 143185

Ion Ratio Lower Upper

152 100

115 62.1 43.0 129.0

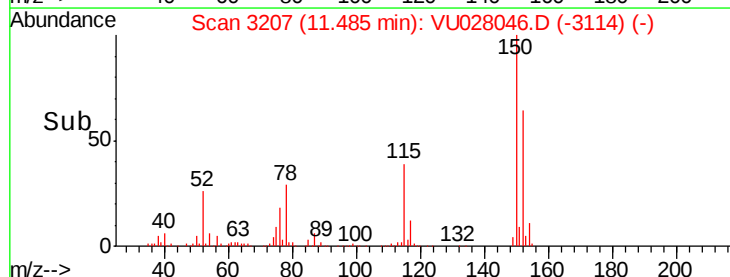
150 157.1 0.0 349.4



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



Time--> 11.40 11.45 11.50 11.55