

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005505.D
 Acq On : 19 Sep 2018 04:31
 Operator : SY/AP
 Sample : J4962-02RE
 Misc : 4.06G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 291RE

Quant Time: Sep 19 07:06:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

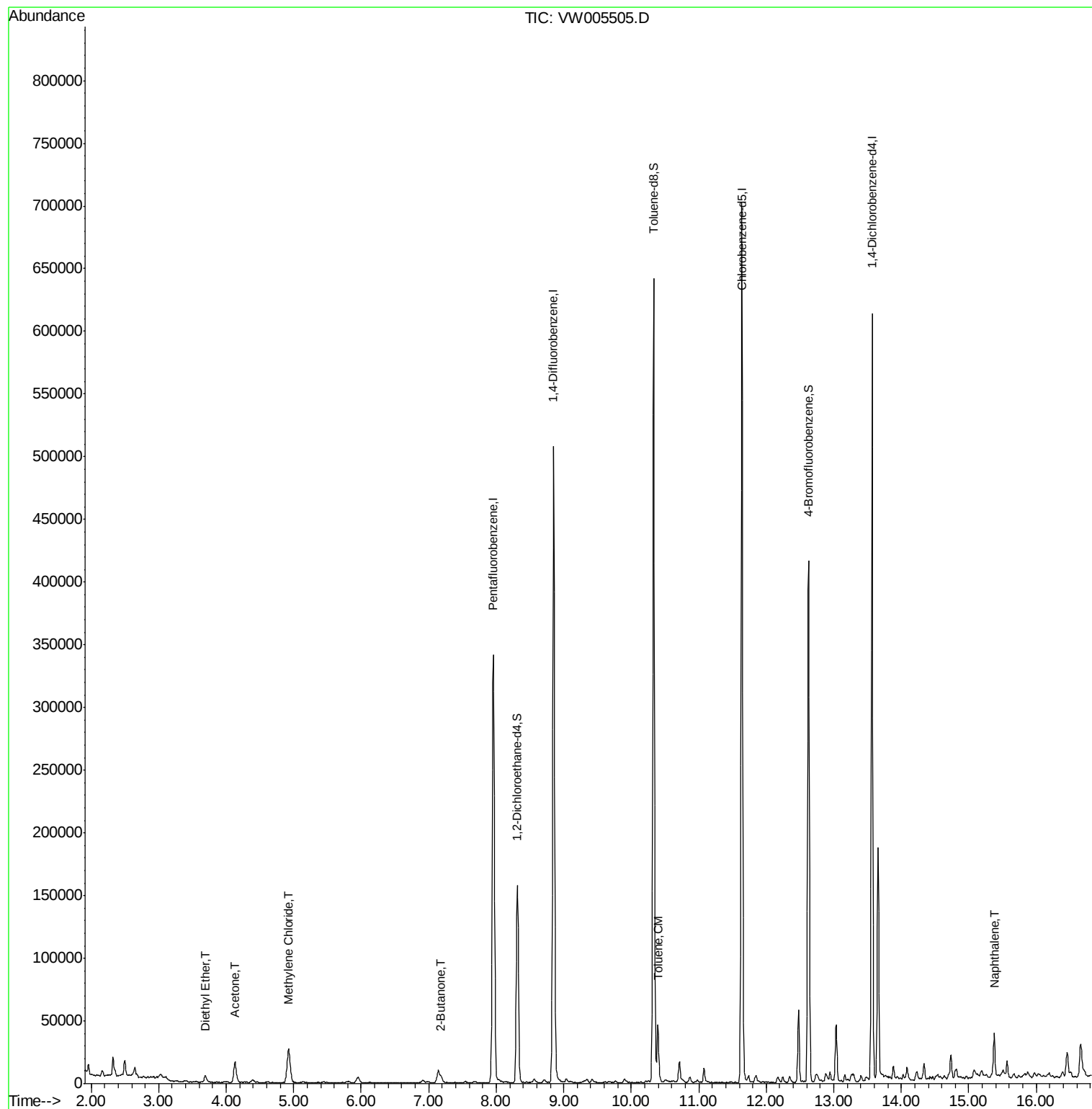
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	255250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	425695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	383222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	155998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125001	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
35) Dibromofluoromethane	7.95	113	238	0.10	ug/l	0.06
Spiked Amount 50.000			Recovery	=	0.20%	
50) Toluene-d8	10.33	98	423033	38.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.40%	
62) 4-Bromofluorobenzene	12.63	95	134103	33.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.92%	
Target Compounds						
8) Diethyl Ether	3.70	74	2572	2.31	ug/l	95
16) Acetone	4.14	43	29051	62.75	ug/l	94
20) Methylene Chloride	4.92	84	20036	2.13	ug/l	94
25) 2-Butanone	7.18	43	6694	10.50	ug/l #	73
52) Toluene	10.40	92	18446	2.33	ug/l	99
95) Naphthalene	15.38	128	30042	5.89	ug/l	98

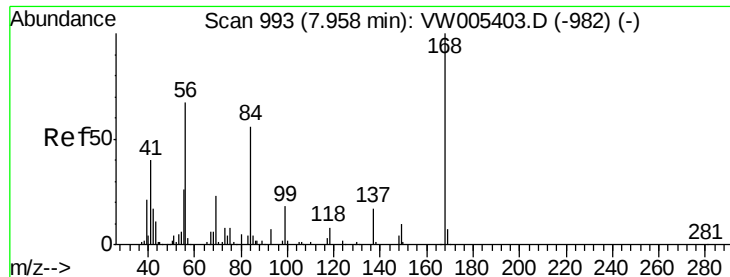
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091818\
Data File : VW005505.D
Acq On : 19 Sep 2018 04:31
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Quant Time: Sep 19 07:06:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005505.D

Acq: 19 Sep 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

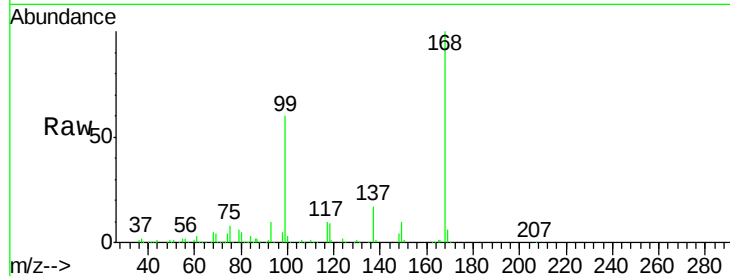
291RE

Tot Ion:168 Resp: 255250

Ion Ratio Lower Upper

168 100

99 59.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

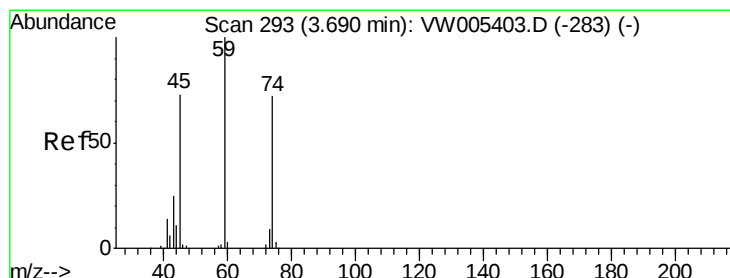
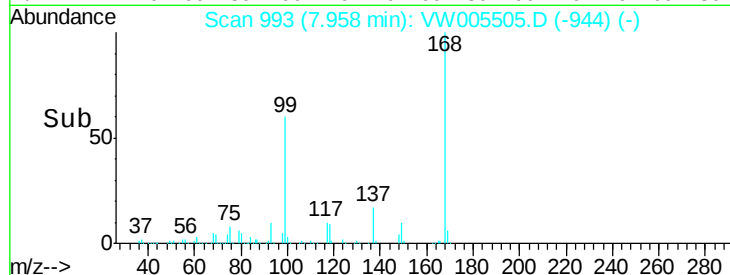
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.31 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW005505.D

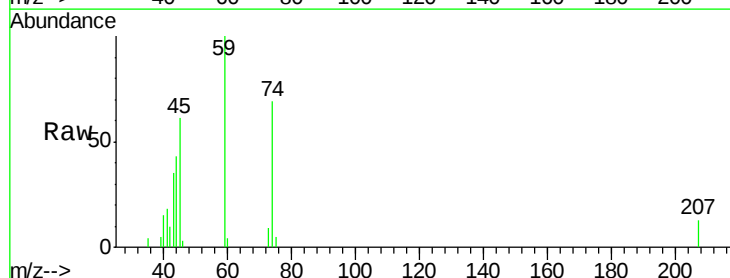
Acq: 19 Sep 2018 04:31

Tgt Ion: 74 Resp: 2572

Ion Ratio Lower Upper

74 100

45 111.4 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

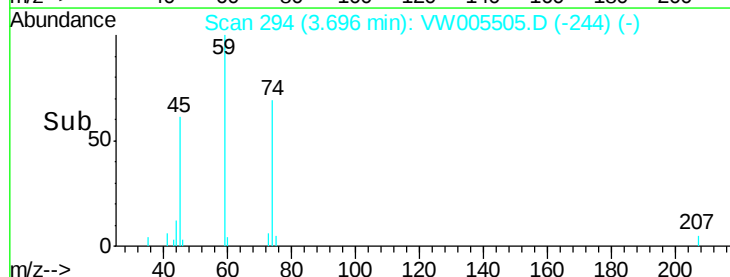
1500

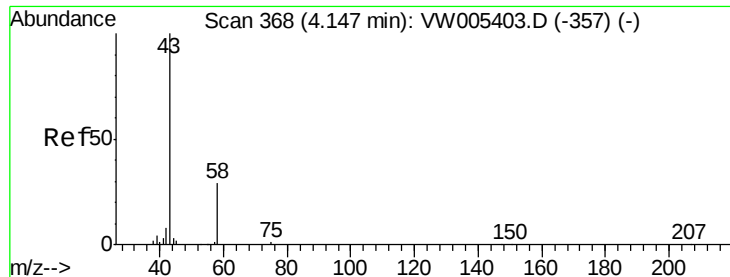
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 62.75 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005505.D

Acq: 19 Sep 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

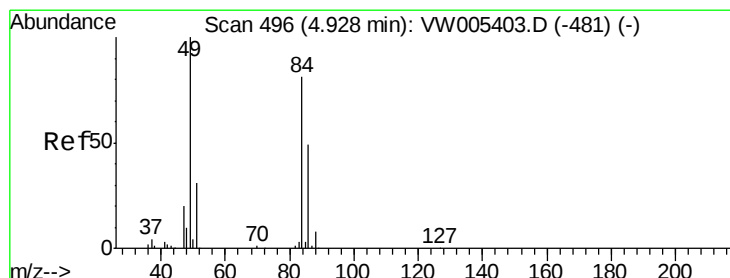
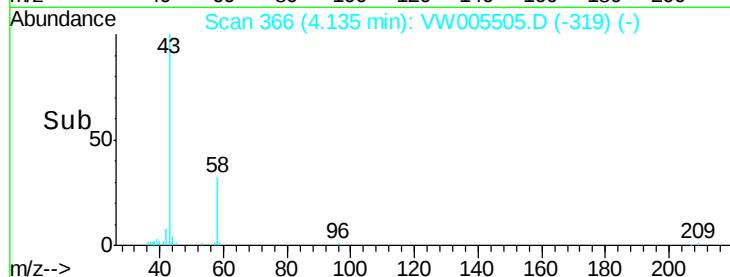
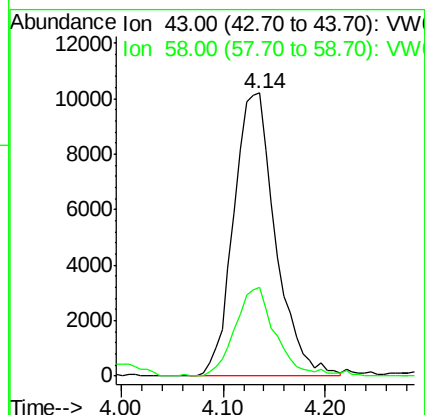
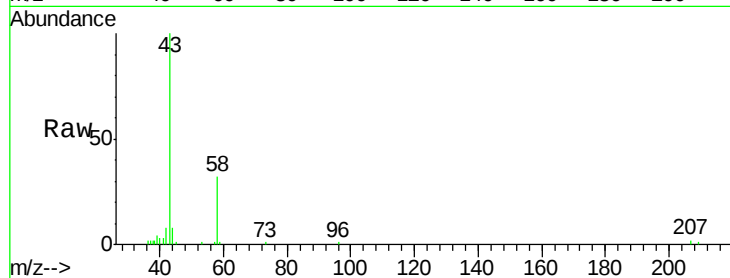
291RE

Tot Ion: 43 Resp: 29051

Ion Ratio Lower Upper

43 100

58 31.5 22.8 34.2



#20

Methylene Chloride

Concen: 2.13 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005505.D

Acq: 19 Sep 2018 04:31

Tgt Ion: 84 Resp: 20036

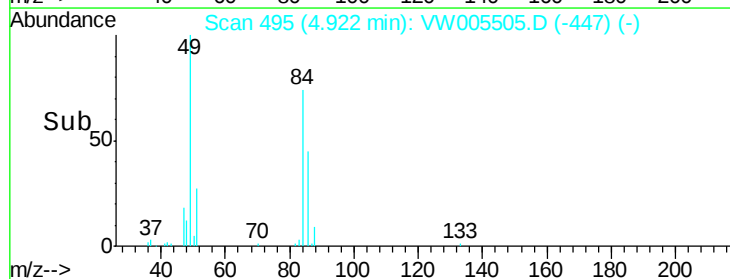
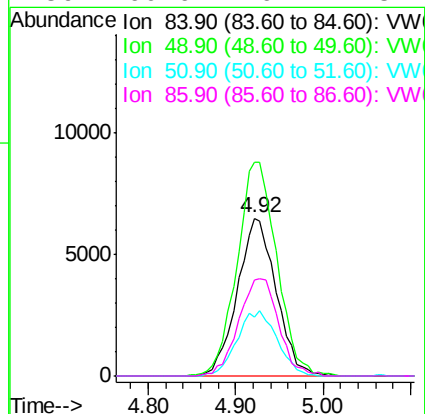
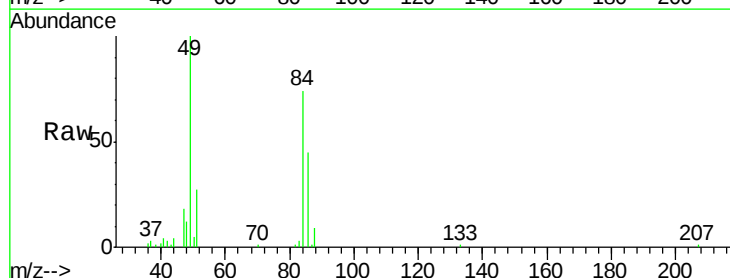
Ion Ratio Lower Upper

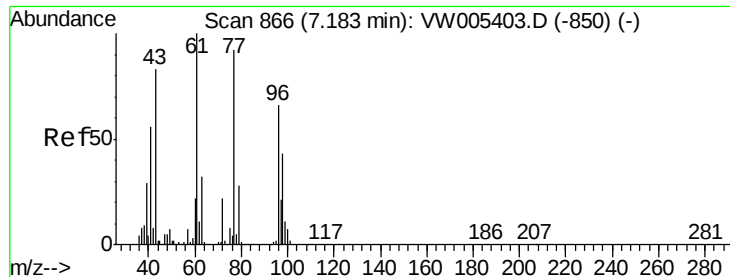
84 100

49 135.3 99.3 148.9

51 37.1 31.1 46.7

86 60.6 49.1 73.7

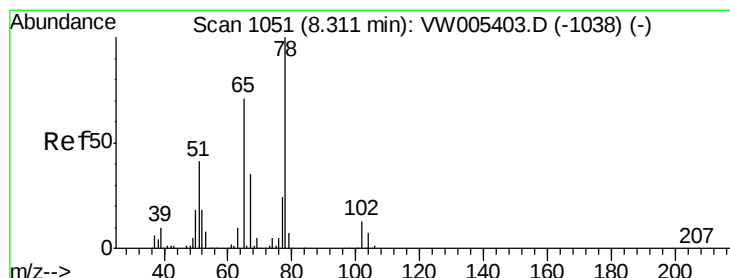
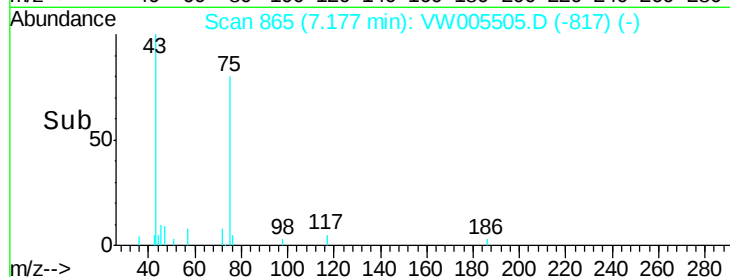
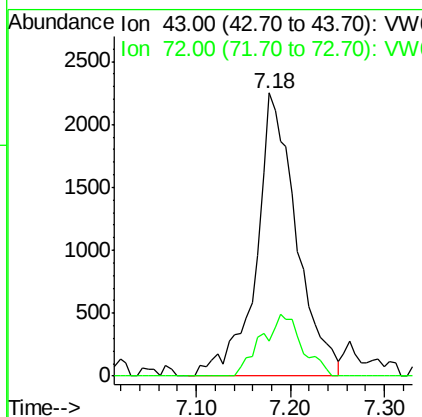
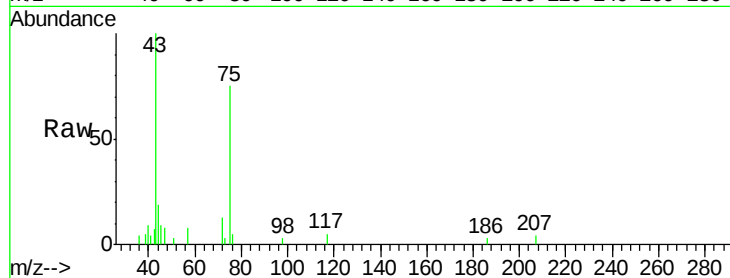




#25
 2-Butanone
 Concen: 10.50 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW005505.D
 Acq: 19 Sep 2018 04:31

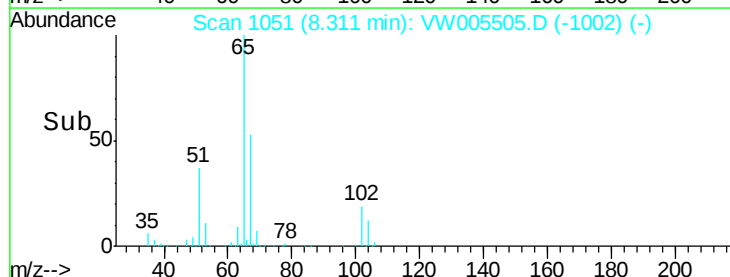
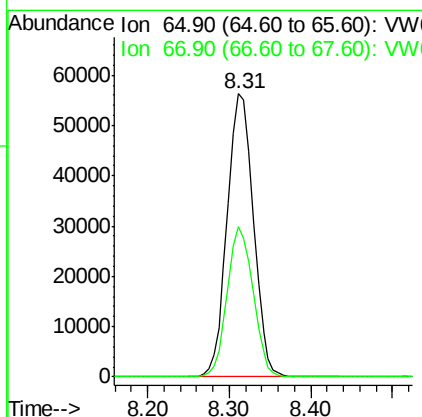
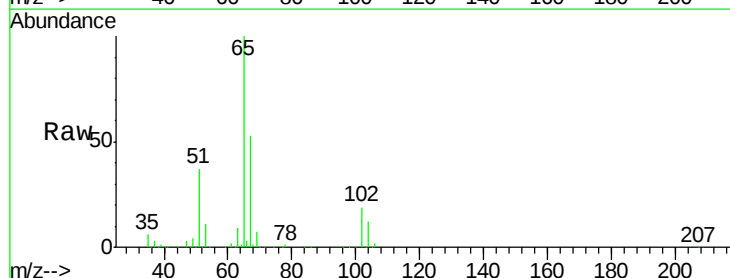
Instrument :
 MSVOA_W
 ClientSampleId :
 291RE

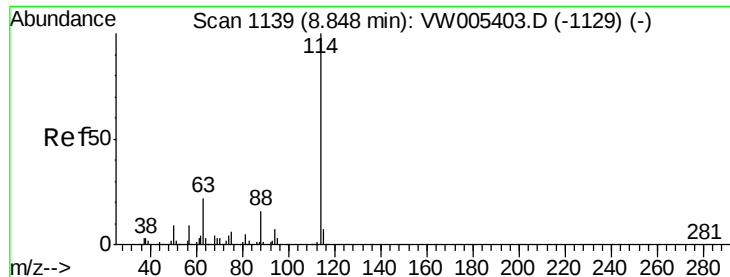
Tot Ion: 43 Resp: 6694
 Ion Ratio Lower Upper
 43 100
 72 12.5 21.1 31.7#



#33
 1,2-Dichloroethane-d4
 Concen: 47.18 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005505.D
 Acq: 19 Sep 2018 04:31

Tgt Ion: 65 Resp: 125001
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005505.D

Acq: 19 Sep 2018 04:31

Instrument :

MSVOA_W

ClientSampled :

291RE

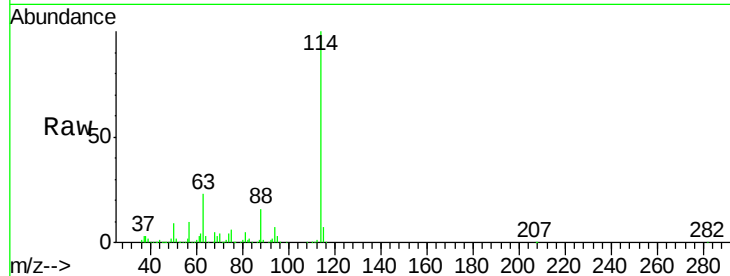
Tot Ion:114 Resp: 425695

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

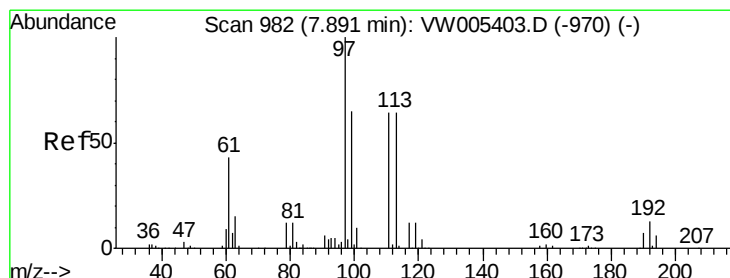
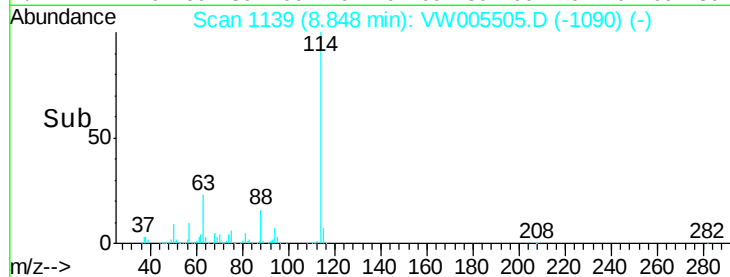
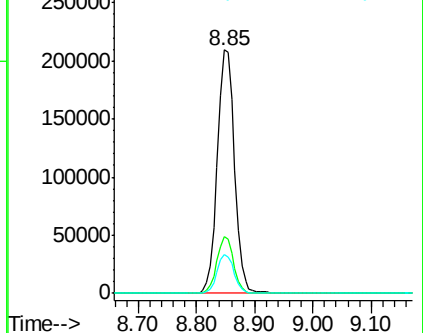
88 15.8 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 0.10 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.06 min

Lab File: VW005505.D

Acq: 19 Sep 2018 04:31

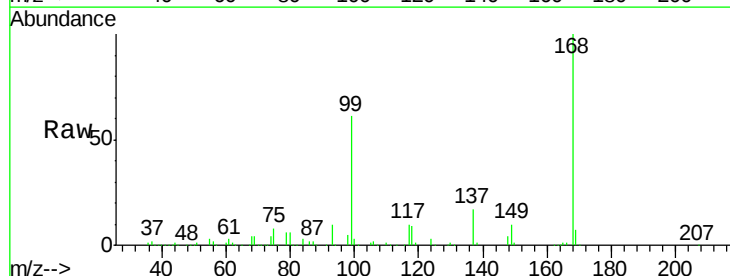
Tgt Ion:113 Resp: 238

Ion Ratio Lower Upper

113 100

111 264.3 82.3 123.5#

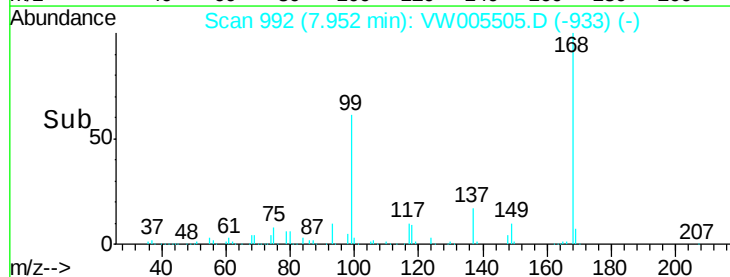
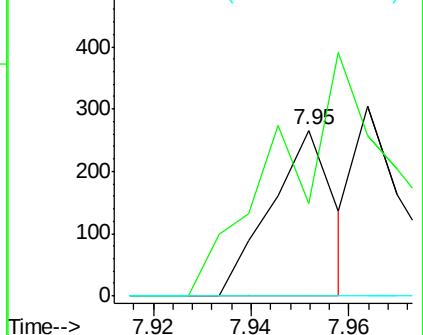
192 0.0 16.5 24.7#

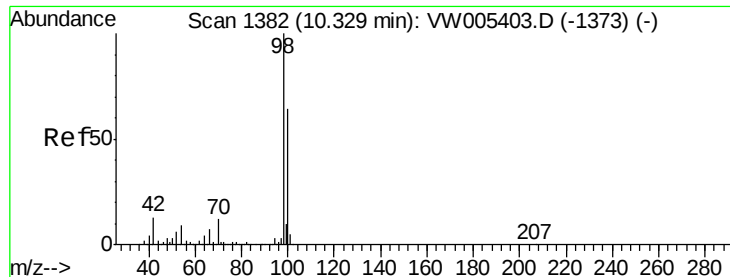


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.70 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005505.D

Acq: 19 Sep 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

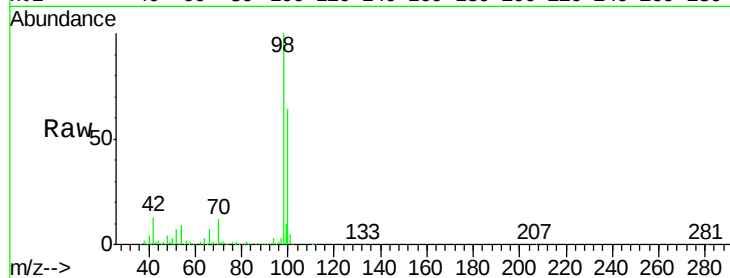
291RE

Tot Ion: 98 Resp: 423033

Ion Ratio Lower Upper

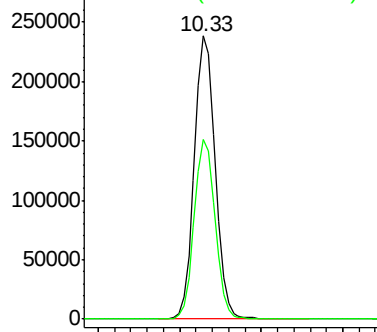
98 100

100 63.8 51.4 77.0

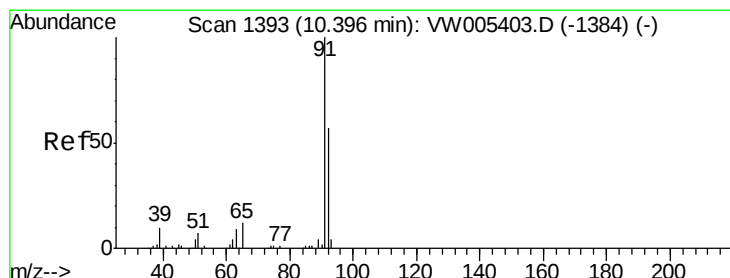
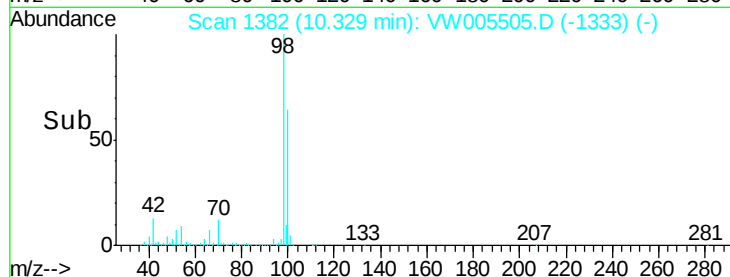


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time--> 10.20 10.30 10.40 10.50



#52

Toluene

Concen: 2.33 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005505.D

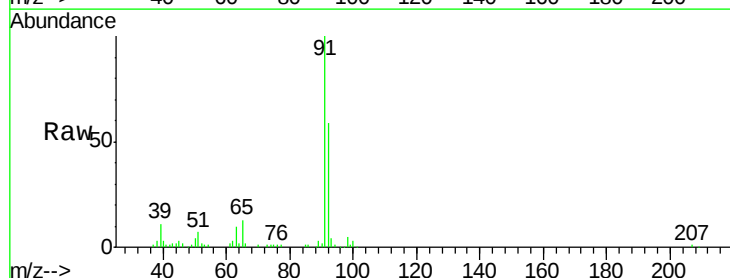
Acq: 19 Sep 2018 04:31

Tgt Ion: 92 Resp: 18446

Ion Ratio Lower Upper

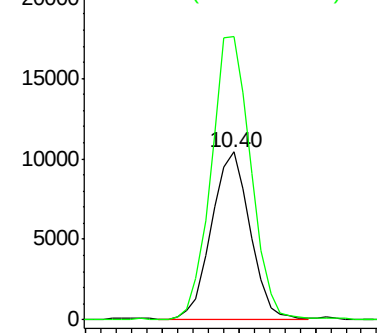
92 100

91 172.6 139.1 208.7

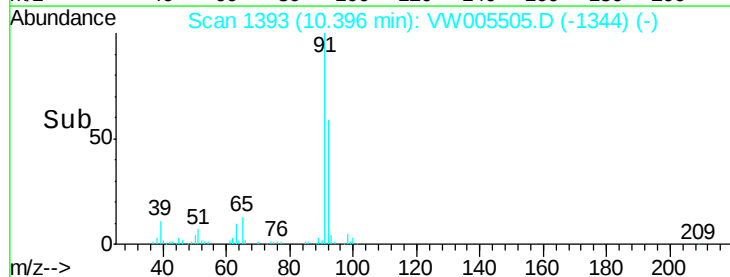


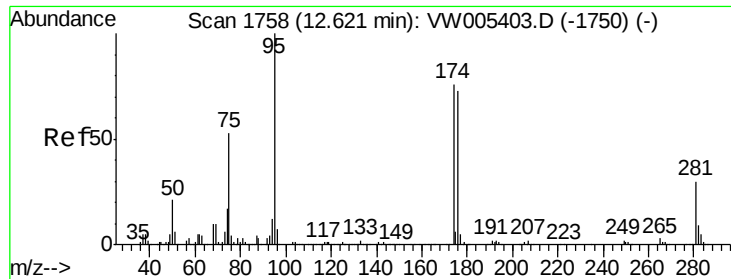
Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time--> 10.30 10.35 10.40 10.45

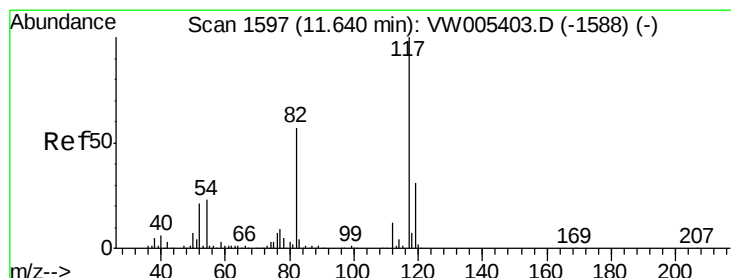
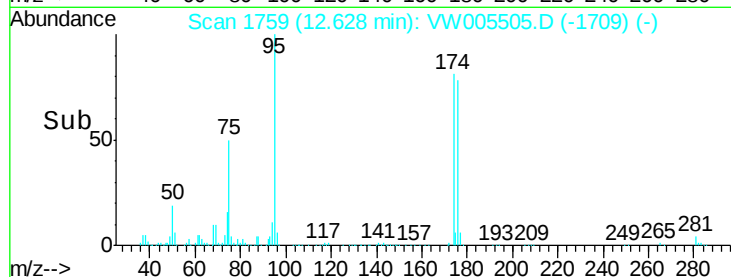
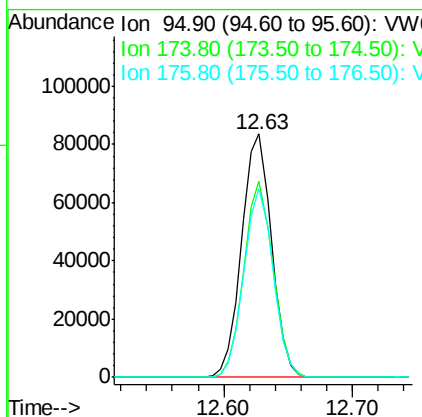
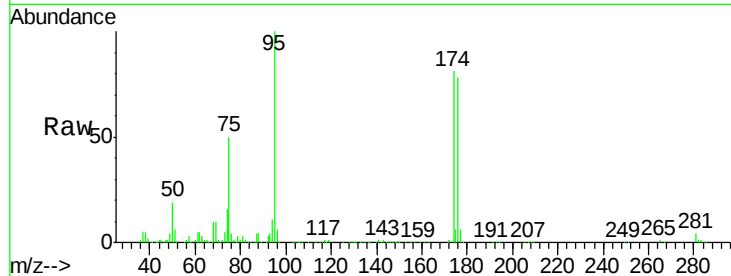




#62
4-Bromofluorobenzene
Concen: 33.46 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005505.D
Acq: 19 Sep 2018 04:31

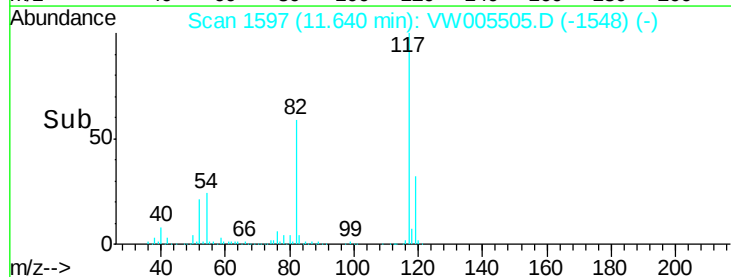
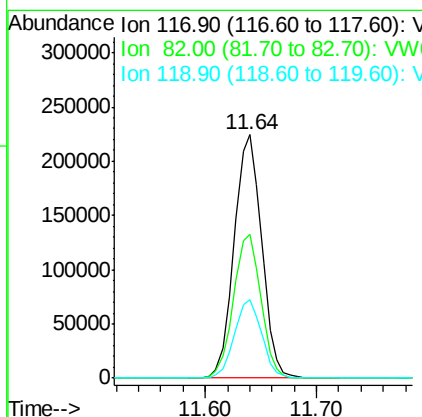
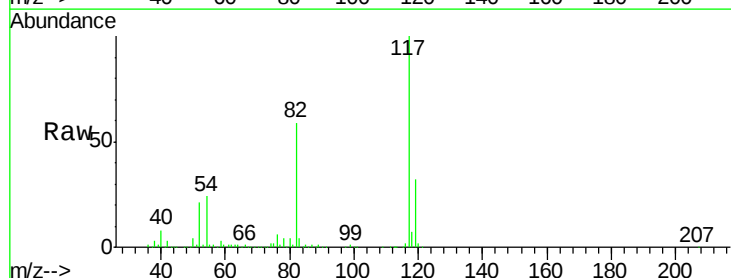
Instrument :
MSVOA_W
ClientSampled :
291RE

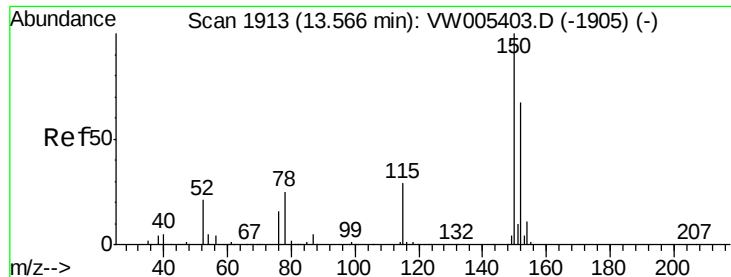
Tot Ion: 95 Resp: 134103
Ion Ratio Lower Upper
95 100
174 78.8 0.0 161.2
176 75.9 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005505.D
Acq: 19 Sep 2018 04:31

Tgt Ion: 117 Resp: 383222
Ion Ratio Lower Upper
117 100
82 59.2 45.9 68.9
119 32.3 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005505.D

Acq: 19 Sep 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

291RE

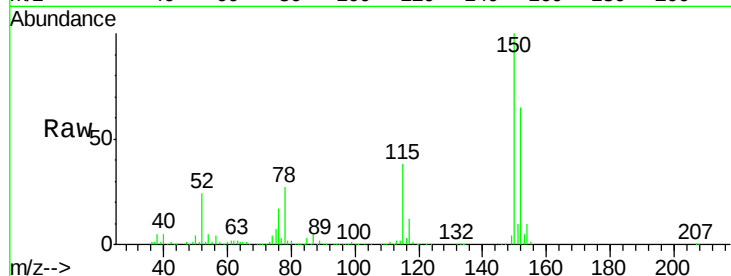
Tot Ion:152 Resp: 155998

Ion Ratio Lower Upper

152 100

115 59.5 29.5 88.5

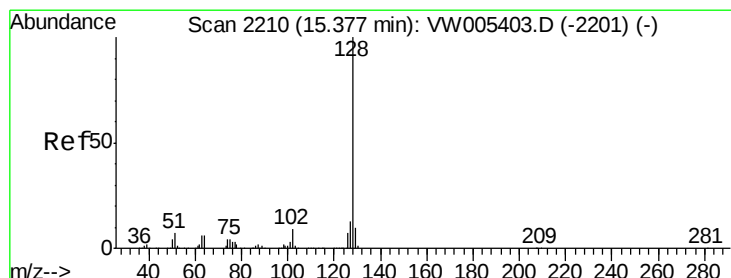
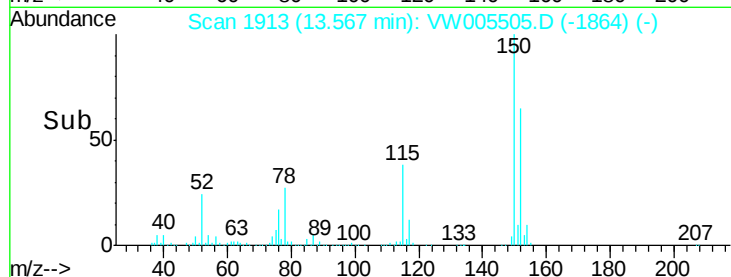
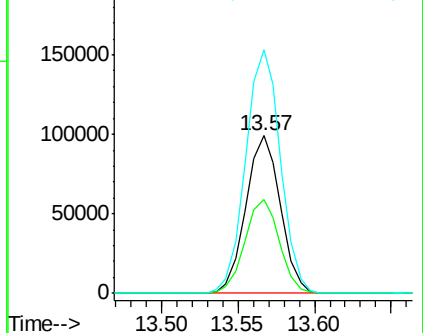
150 155.4 0.0 345.6



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



#95

Naphthalene

Concen: 5.89 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005505.D

Acq: 19 Sep 2018 04:31

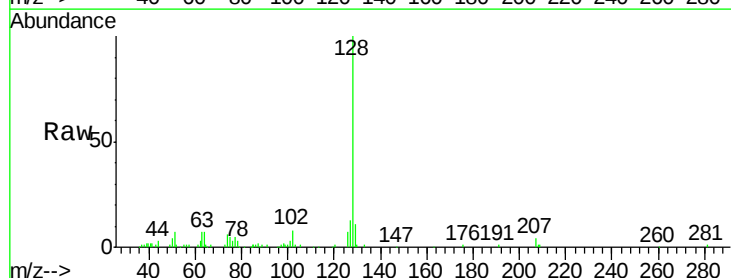
Tgt Ion:128 Resp: 30042

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 12.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

