

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003306.D
 Acq On : 11 Jul 2018 01:57
 Operator : JC/MD
 Sample : J3914-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B1

Quant Time: Jul 11 05:13:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

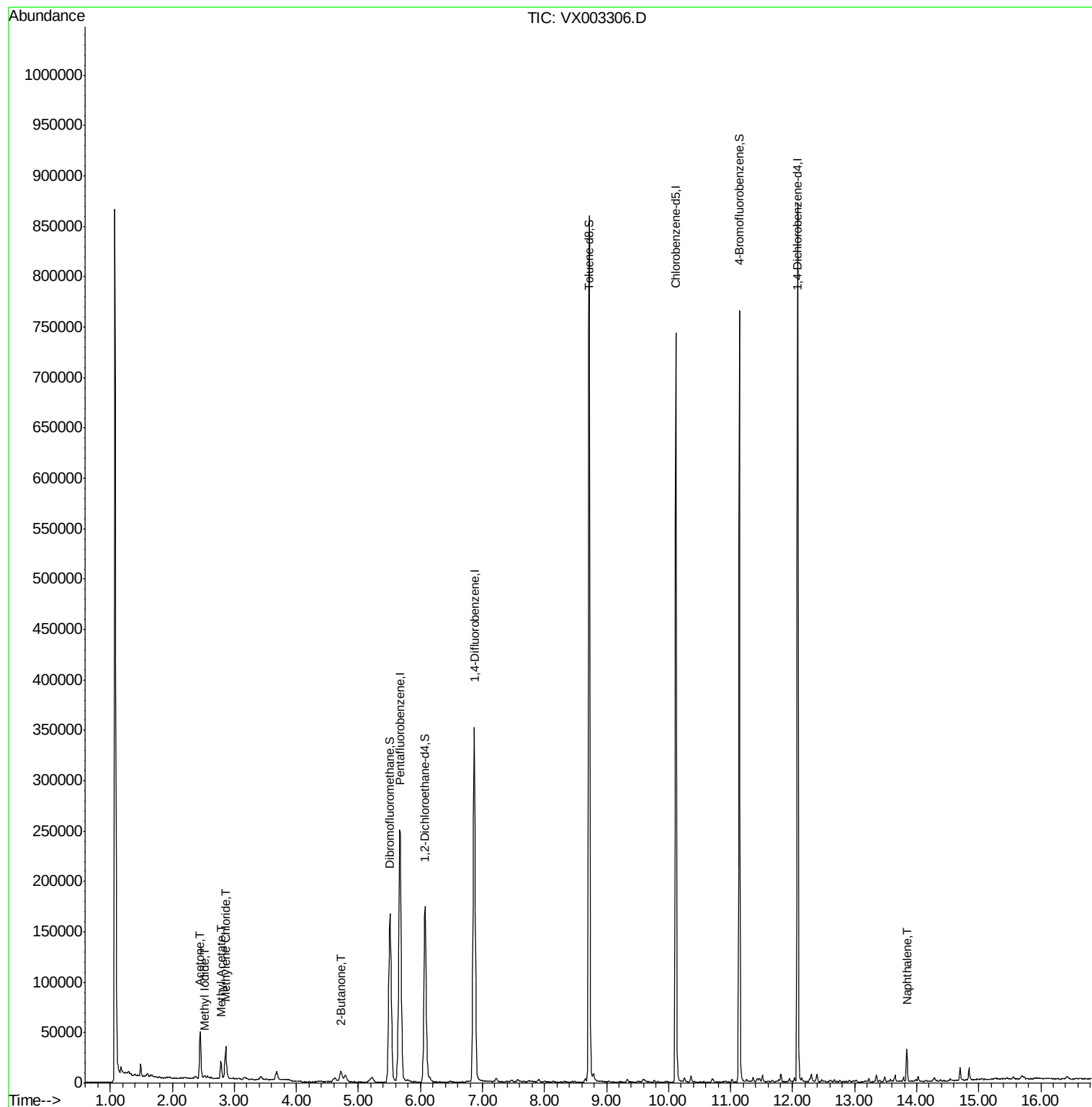
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	360331	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165509	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
35) Dibromofluoromethane	5.51	113	140754	36.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.72%	
50) Toluene-d8	8.72	98	510642	37.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.28%	
62) 4-Bromofluorobenzene	11.14	95	177651	34.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.92%	
Target Compounds						
10) Methyl Iodide	2.52	142	3651	6.57	ug/l	95
16) Acetone	2.45	43	51837	35.80	ug/l	96
18) Methyl Acetate	2.78	43	19611	4.80	ug/l	98
20) Methylene Chloride	2.86	84	15406	4.55	ug/l	93
25) 2-Butanone	4.71	43	18424	7.19	ug/l	97
95) Naphthalene	13.84	128	21138	1.36	ug/l	99

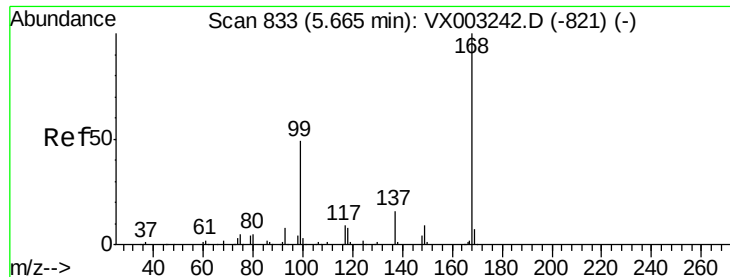
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 11 05:13:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003306.D

Acq: 11 Jul 2018 01:57

Instrument :

MSVOA_X

ClientSampled :

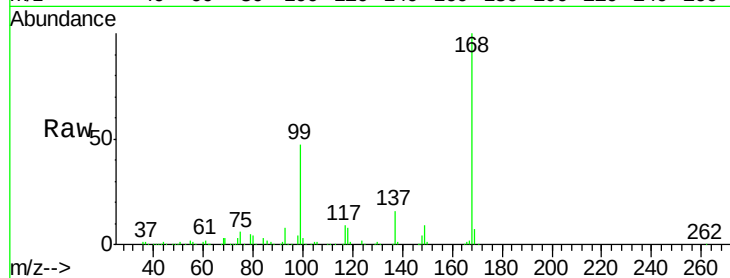
B1

Tot Ion:168 Resp: 259146

Ion Ratio Lower Upper

168 100

99 47.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

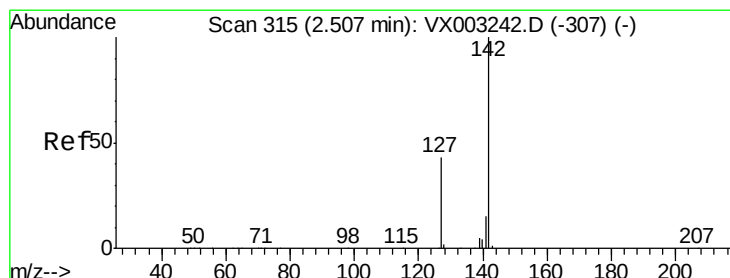
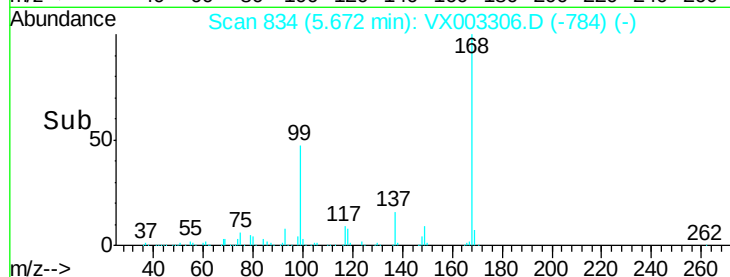
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.57 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003306.D

Acq: 11 Jul 2018 01:57

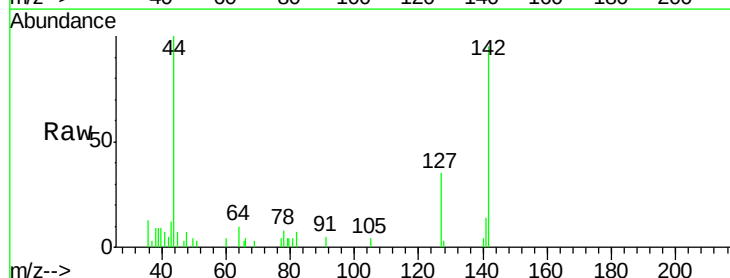
Tgt Ion:142 Resp: 3651

Ion Ratio Lower Upper

142 100

127 41.7 36.6 55.0

141 14.1 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2500

2000

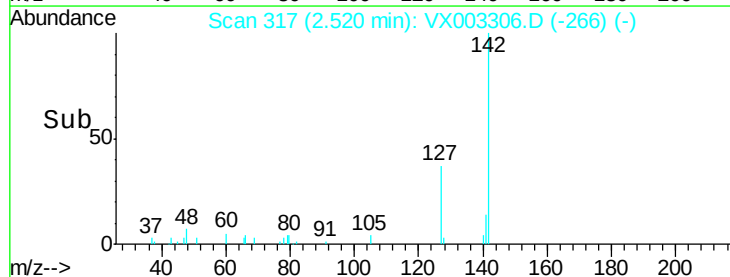
1500

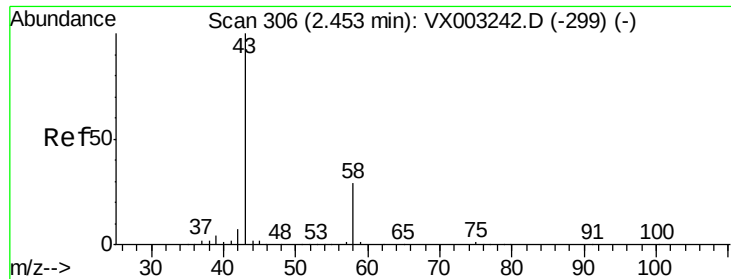
1000

500

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 35.80 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003306.D

Acq: 11 Jul 2018 01:57

Instrument :

MSVOA_X

ClientSampleId :

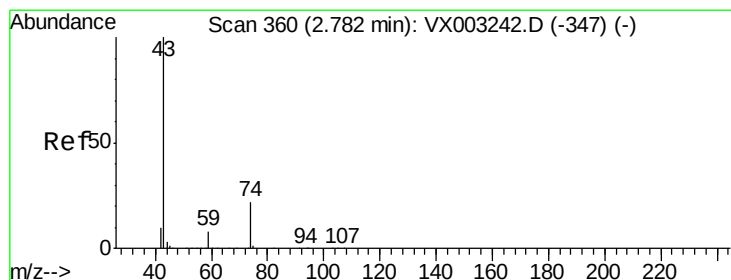
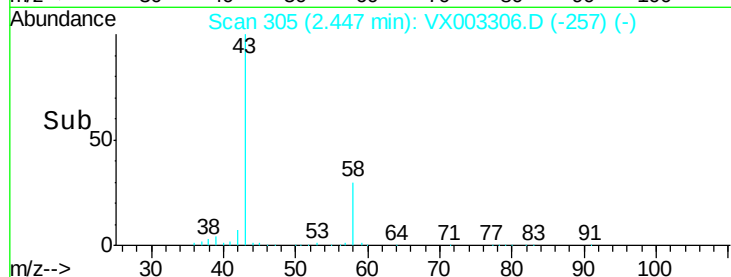
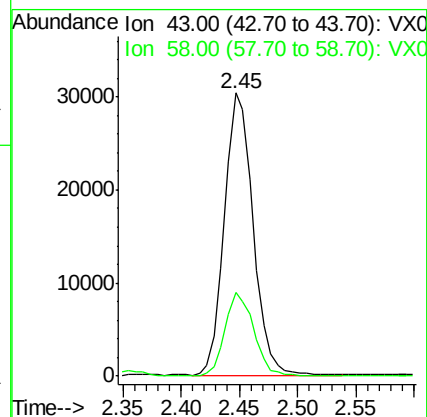
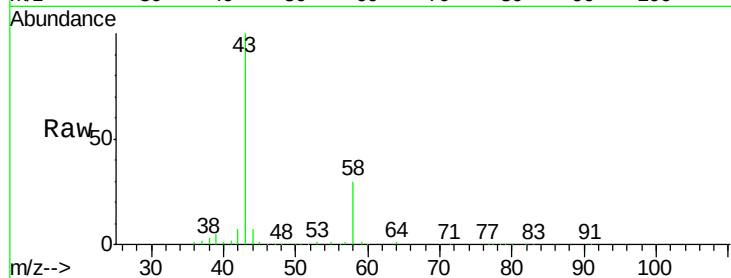
B1

Tot Ion: 43 Resp: 51837

Ion Ratio Lower Upper

43 100

58 29.9 22.1 33.1



#18

Methyl Acetate

Concen: 4.80 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003306.D

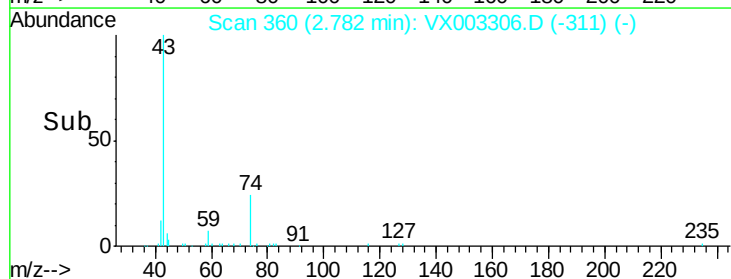
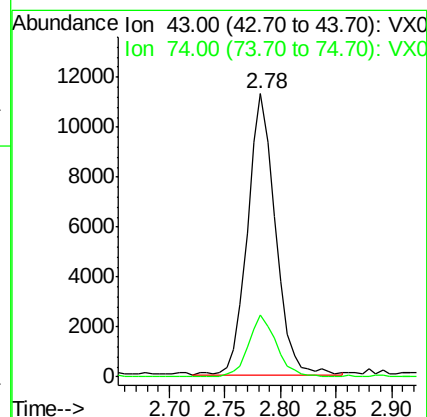
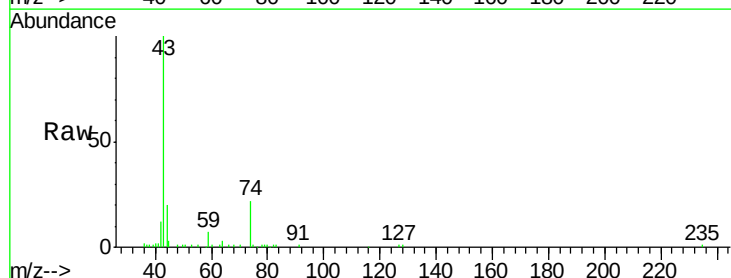
Acq: 11 Jul 2018 01:57

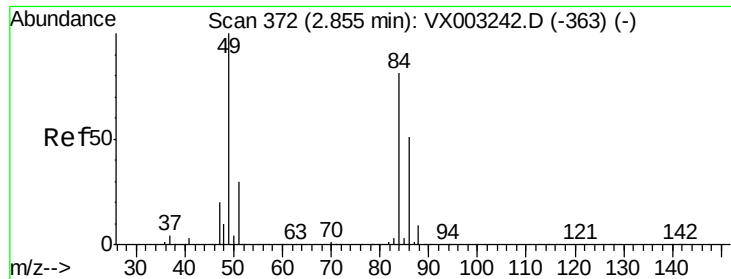
Tgt Ion: 43 Resp: 19611

Ion Ratio Lower Upper

43 100

74 22.0 16.7 25.1

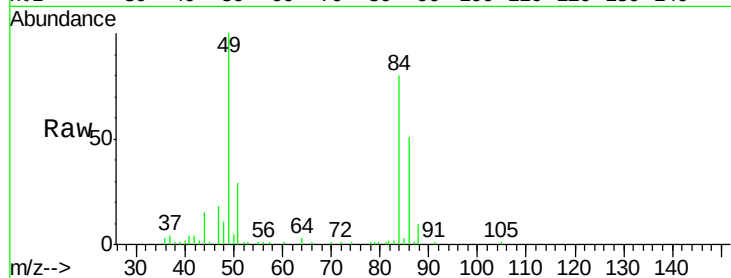




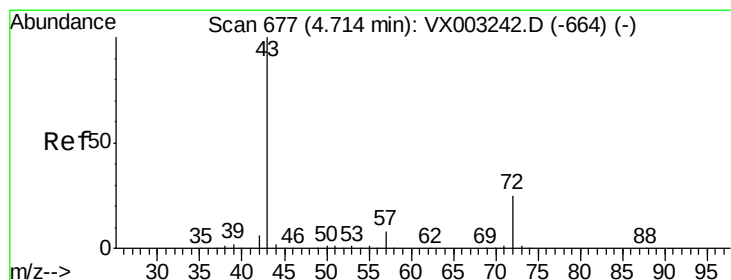
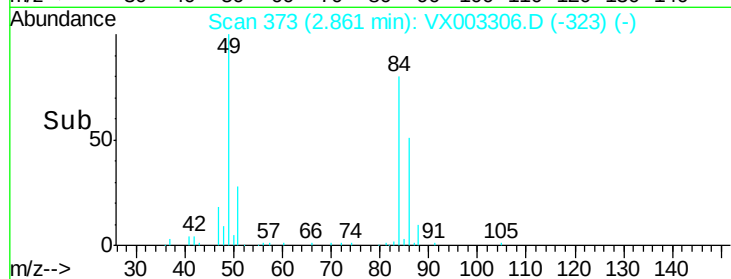
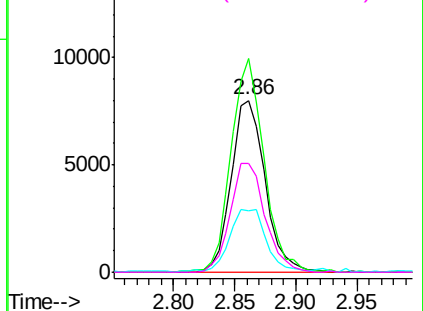
#20
Methylene Chloride
Concen: 4.55 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003306.D
Acq: 11 Jul 2018 01:57

Instrument :
MSVOA_X
ClientSampled :
B1

Tot Ion: 84 Resp: 15406
Ion Ratio Lower Upper
84 100
49 124.3 107.8 161.6
51 35.4 32.8 49.2
86 63.5 52.5 78.7

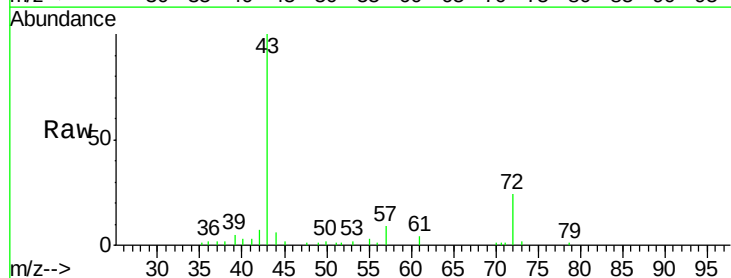


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

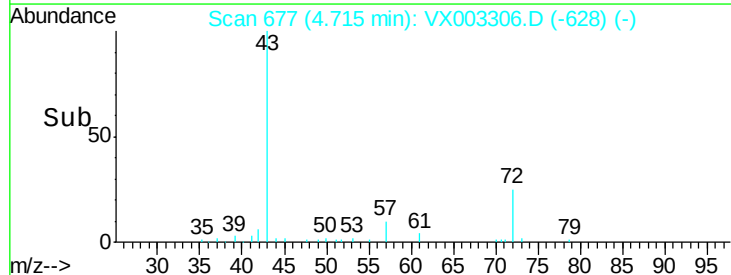
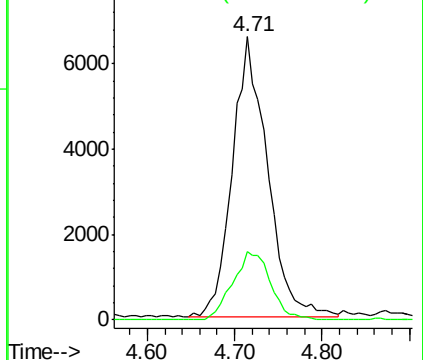


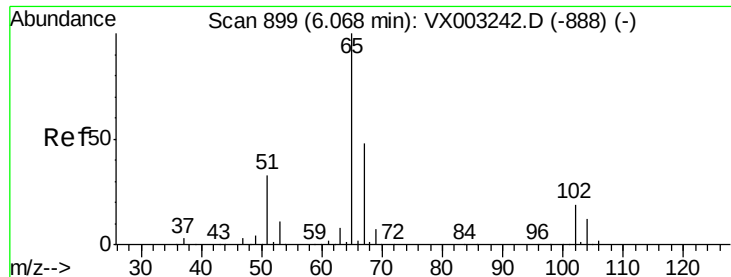
#25
2-Butanone
Concen: 7.19 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX003306.D
Acq: 11 Jul 2018 01:57

Tgt Ion: 43 Resp: 18424
Ion Ratio Lower Upper
43 100
72 24.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

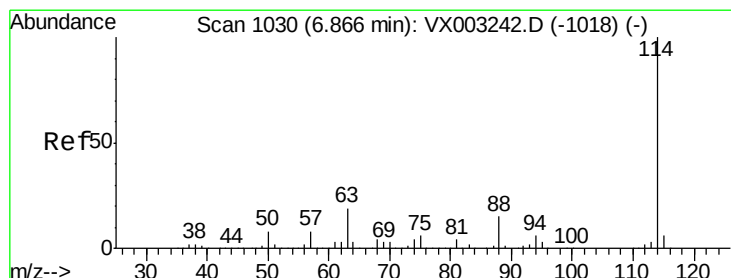
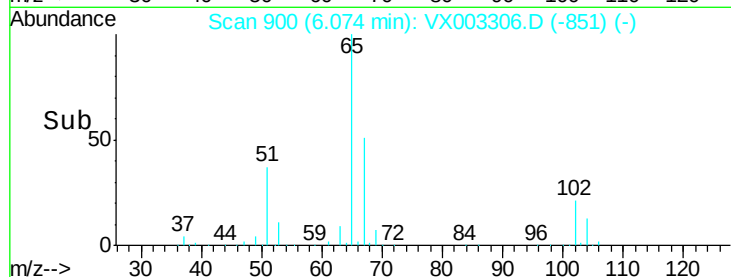
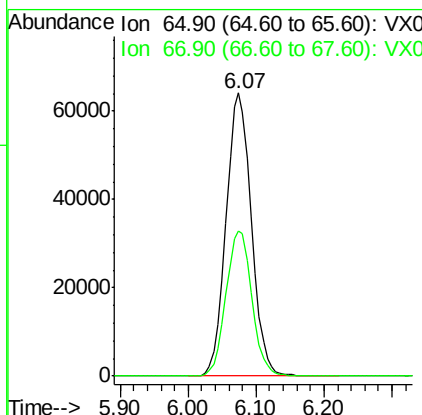
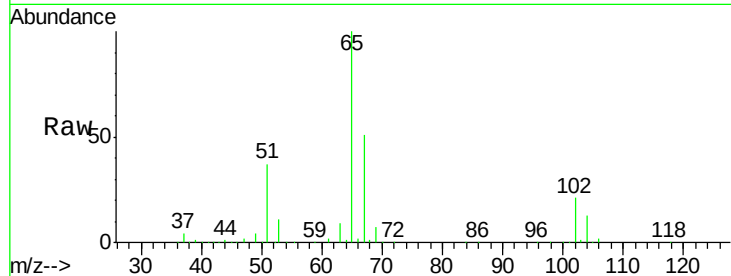




#33
 1,2-Dichloroethane-d4
 Concen: 40.58 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003306.D
 Acq: 11 Jul 2018 01:57

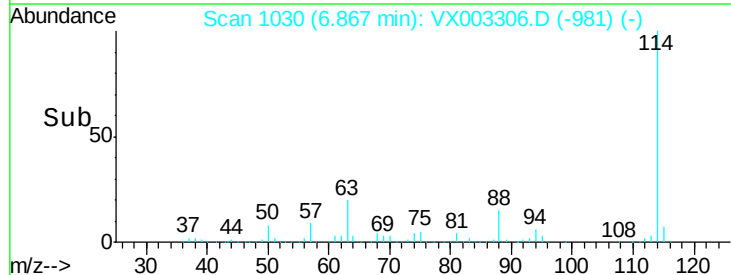
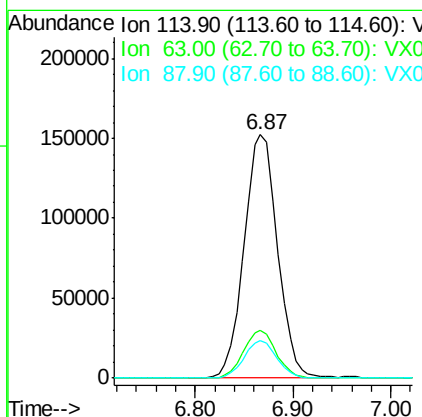
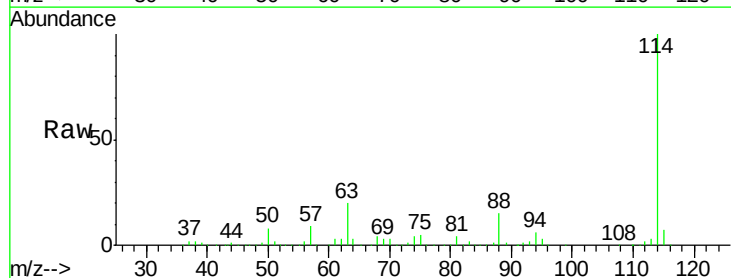
Instrument :
 MSVOA_X
 ClientSampleId :
 B1

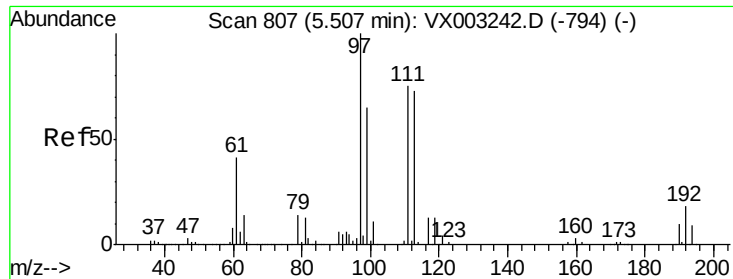
Tot Ion: 65 Resp: 165509
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003306.D
 Acq: 11 Jul 2018 01:57

Tgt Ion: 114 Resp: 360331
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 36.36 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003306.D

Acq: 11 Jul 2018 01:57

Instrument :

MSVOA_X

ClientSampleId :

B1

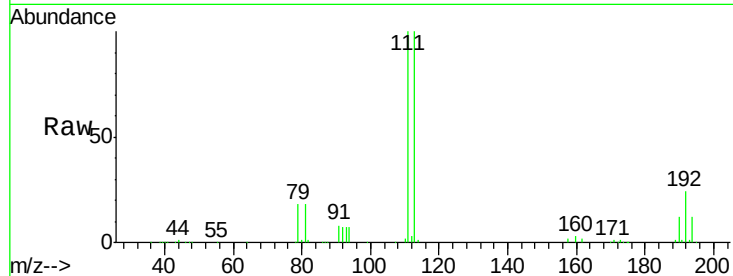
Tot Ion:113 Resp: 140754

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

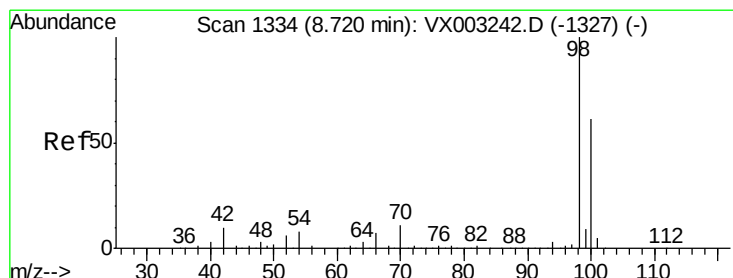
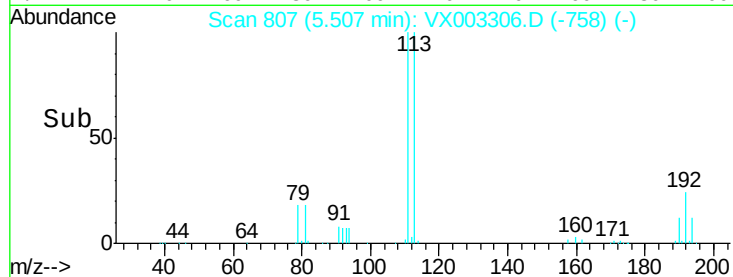
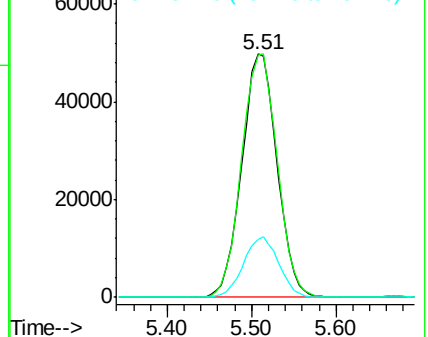
192 24.9 19.1 28.7



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: 37.14 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003306.D

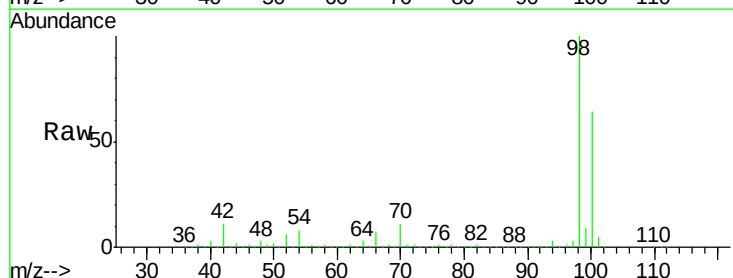
Acq: 11 Jul 2018 01:57

Tgt Ion: 98 Resp: 510642

Ion Ratio Lower Upper

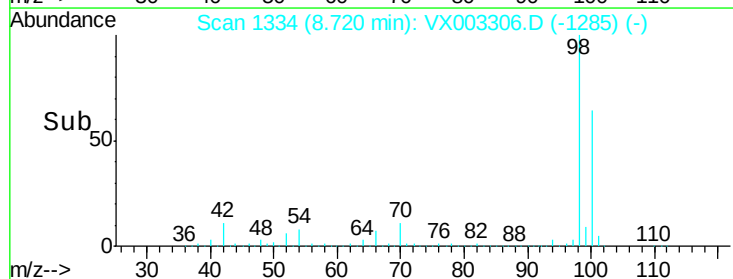
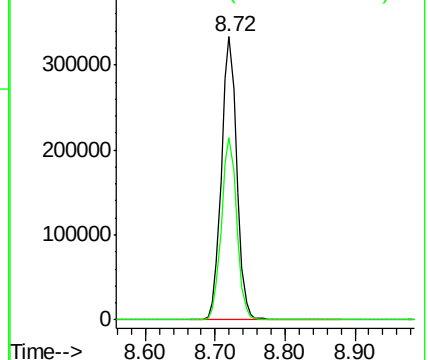
98 100

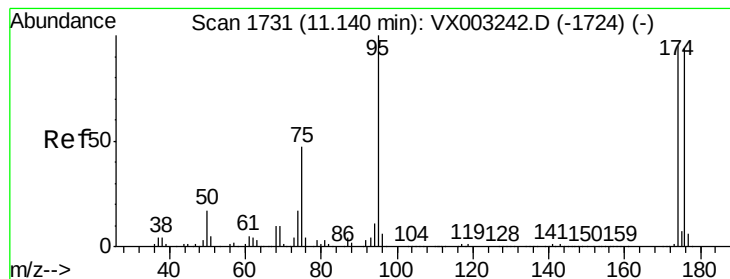
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 34.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003306.D

Acq: 11 Jul 2018 01:57

Instrument :

MSVOA_X

ClientSampleId :

B1

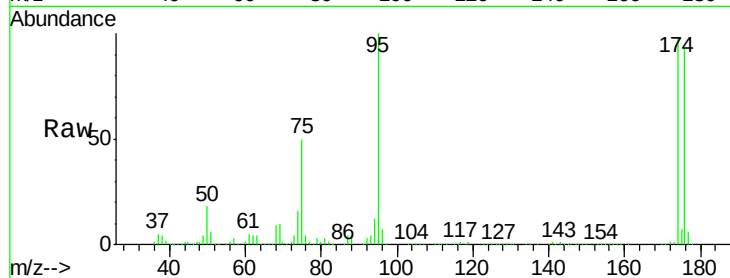
Tot Ion: 95 Resp: 177651

Ion Ratio Lower Upper

95 100

174 101.0 0.0 187.4

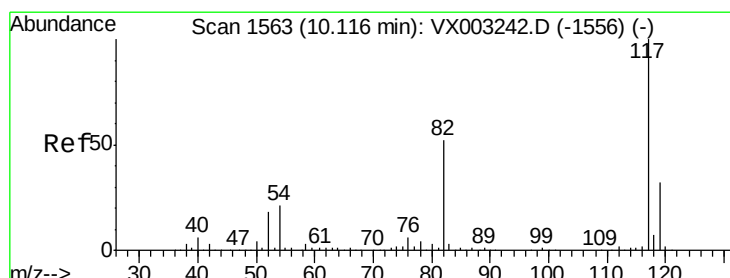
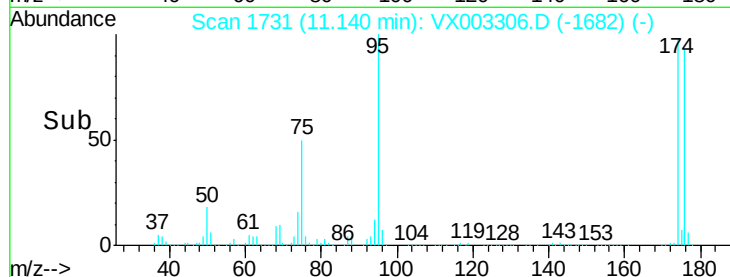
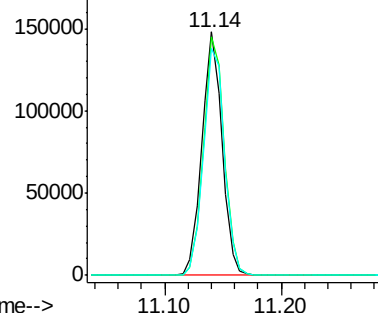
176 97.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003306.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003306.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003306.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003306.D

Acq: 11 Jul 2018 01:57

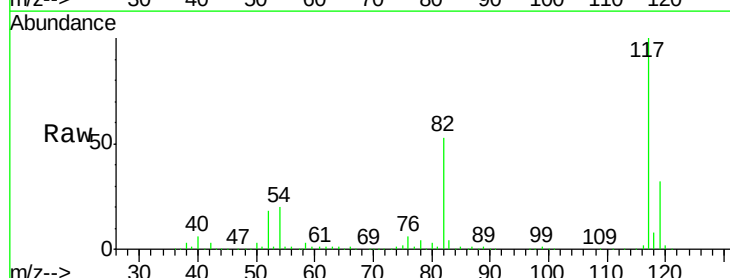
Tgt Ion: 117 Resp: 340563

Ion Ratio Lower Upper

117 100

82 52.8 45.0 67.4

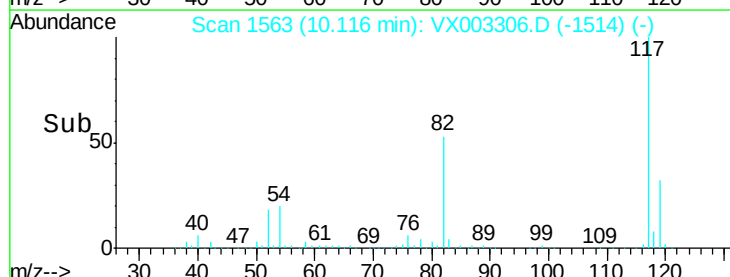
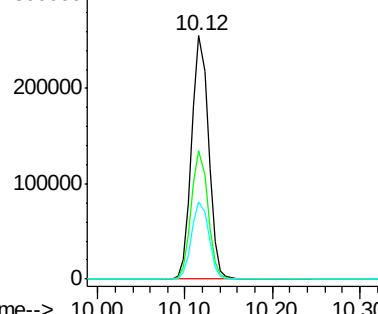
119 31.7 25.8 38.6

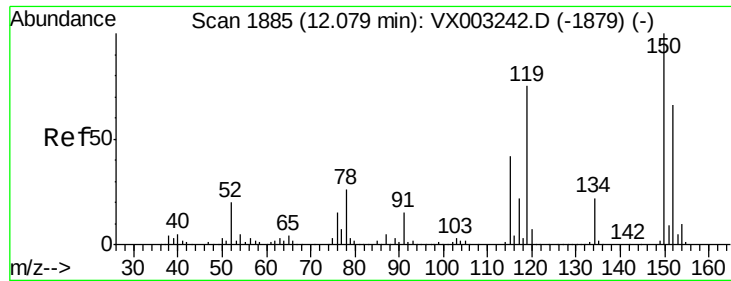


Abundance Ion 116.90 (116.60 to 117.60): VX003306.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003306.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003306.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003306.D

Acq: 11 Jul 2018 01:57

Instrument :

MSVOA_X

ClientSampled :

B1

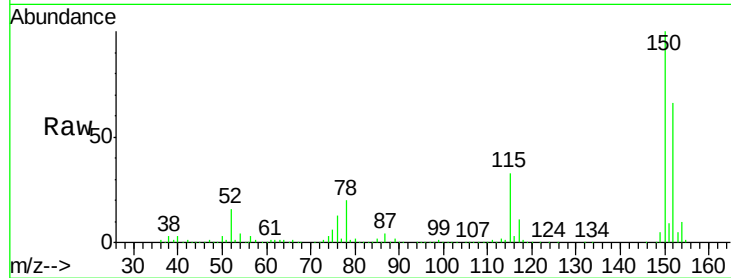
Tot Ion:152 Resp: 194537

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

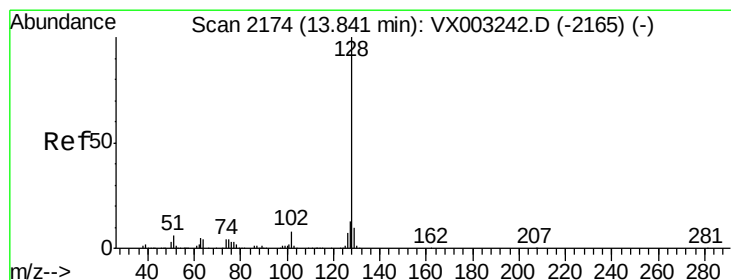
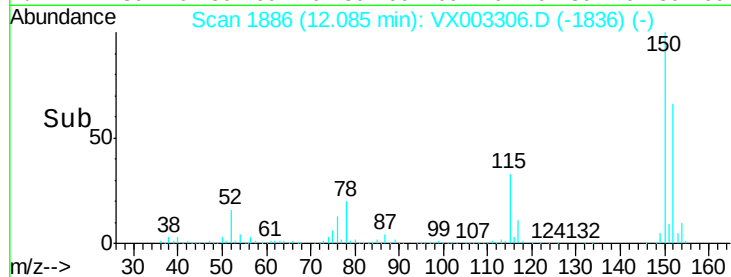
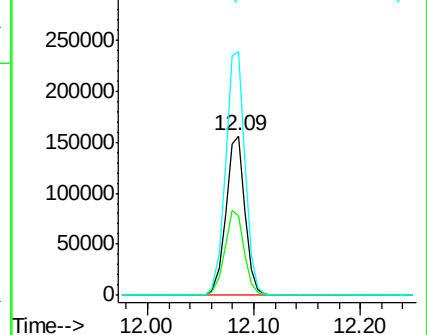
150 156.4 0.0 347.2



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: 1.36 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003306.D

Acq: 11 Jul 2018 01:57

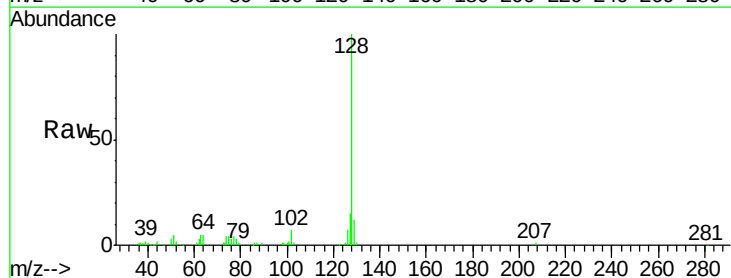
Tgt Ion:128 Resp: 21138

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.1 8.6 13.0



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

