

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006966.D
 Acq On : 09 Jan 2019 15:40
 Operator : JC/MD
 Sample : K1082-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-6

Quant Time: Jan 10 02:21:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	619448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	958713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	894110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428563	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	331493	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
35) Dibromofluoromethane	5.51	113	297343	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	8.71	98	1142678	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	399618	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	

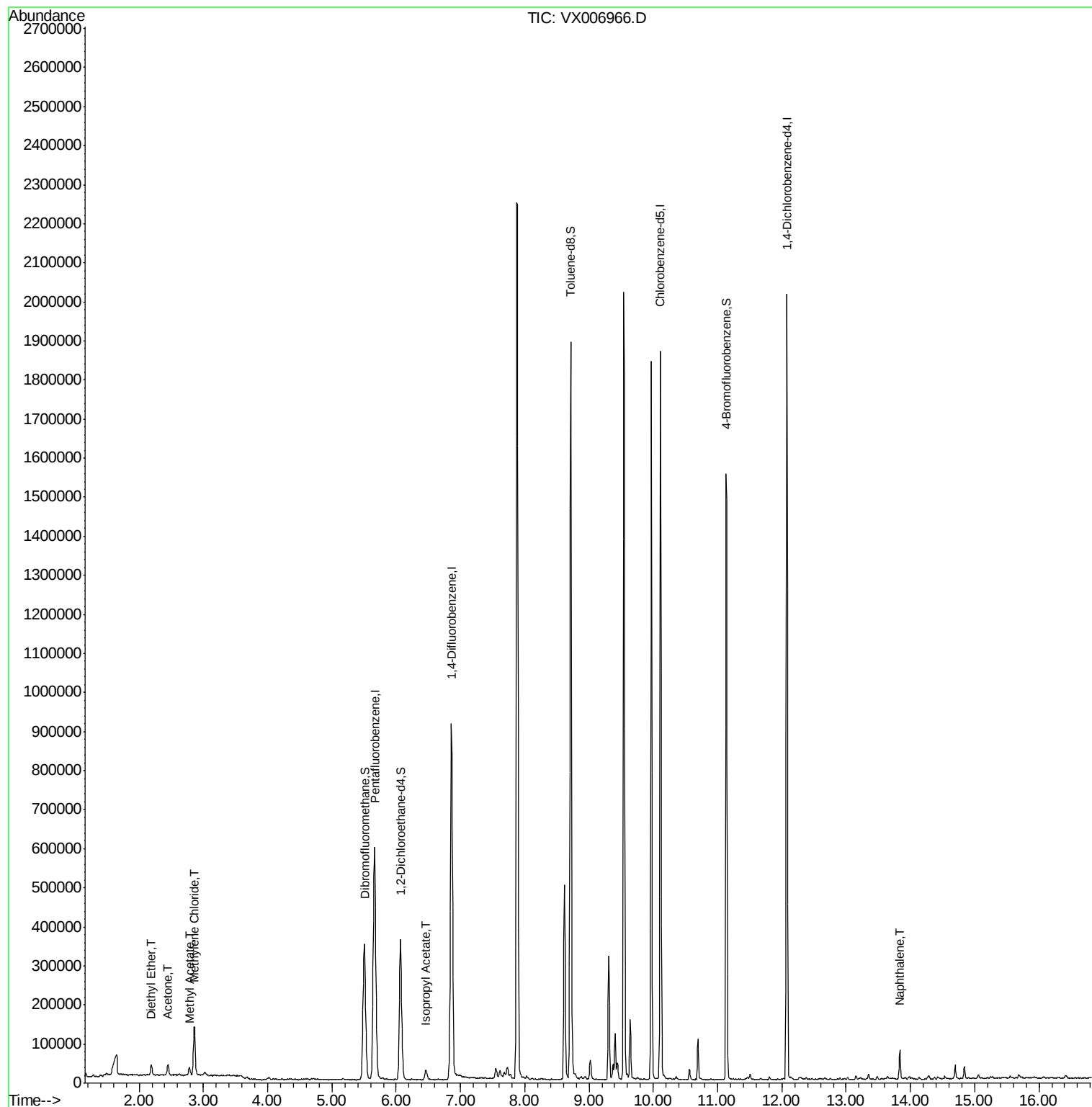
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.19	74	9996	2.441	ug/l	99
16) Acetone	2.45	43	33403	10.437	ug/l	98
18) Methyl Acetate	2.78	43	27216	2.936	ug/l	97
20) Methylene Chloride	2.85	84	61303	9.614	ug/l	97
43) Isopropyl Acetate	6.46	43	33188	2.355	ug/l	98
95) Naphthalene	13.83	128	47011	1.523	ug/l	99

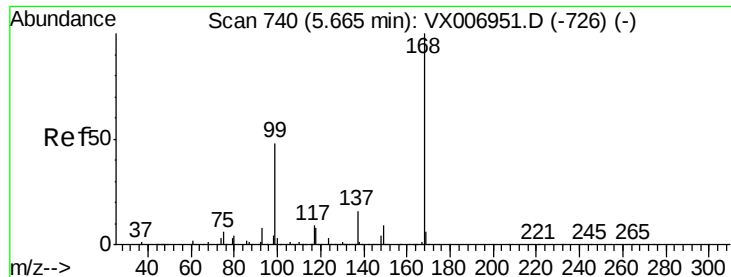
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006966.D

Acq: 09 Jan 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

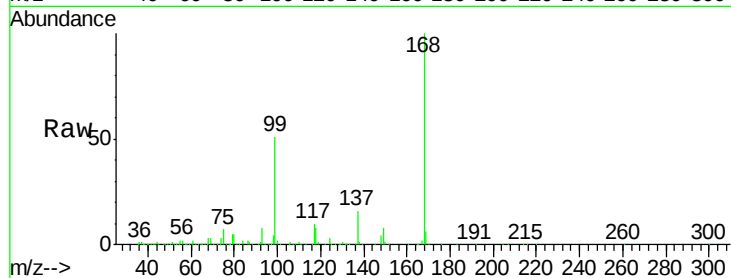
SP-1-6

Tot Ion:168 Resp: 619448

Ion Ratio Lower Upper

168 100

99 50.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

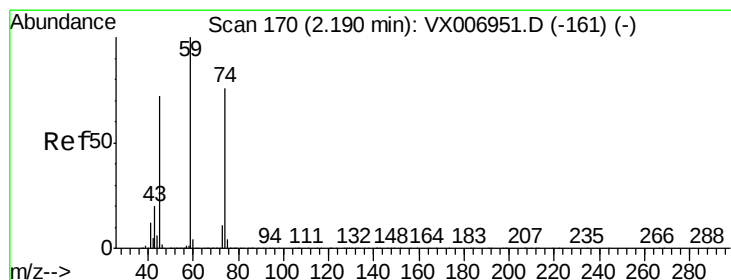
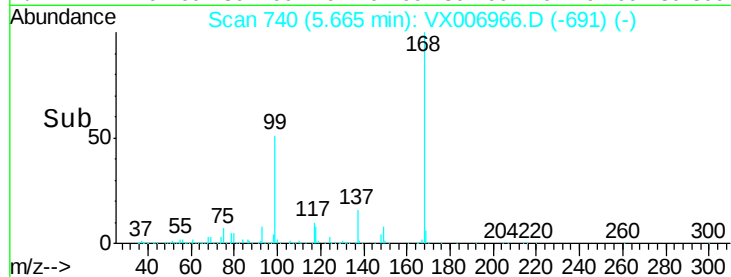
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 2.441 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX006966.D

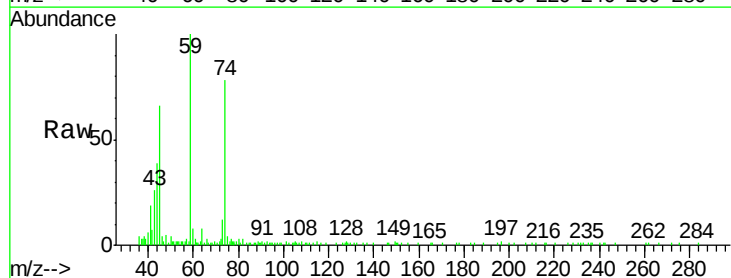
Acq: 09 Jan 2019 15:40

Tgt Ion: 74 Resp: 9996

Ion Ratio Lower Upper

74 100

45 93.5 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

8000

6000

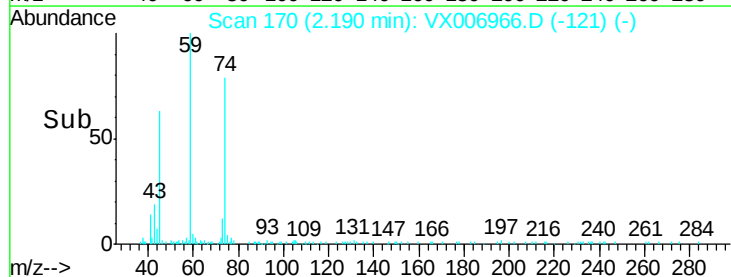
4000

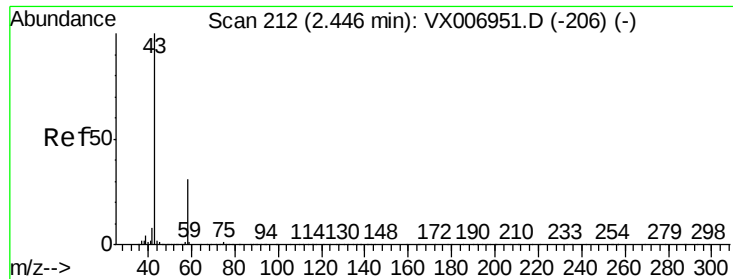
2000

0

Time-->

2.10 2.15 2.20 2.25





#16

Acetone

Concen: 10.437 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006966.D

Acq: 09 Jan 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

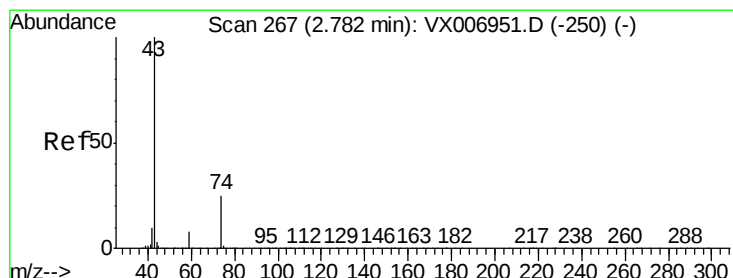
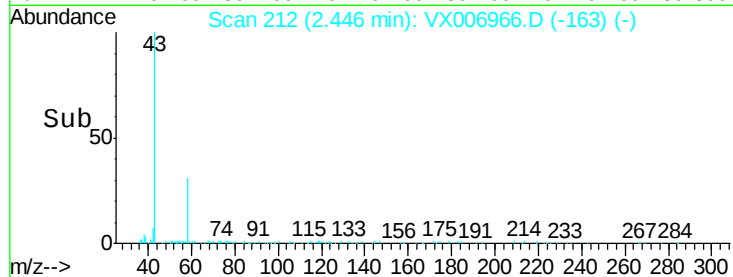
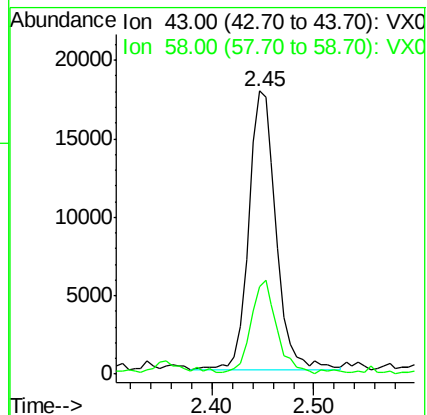
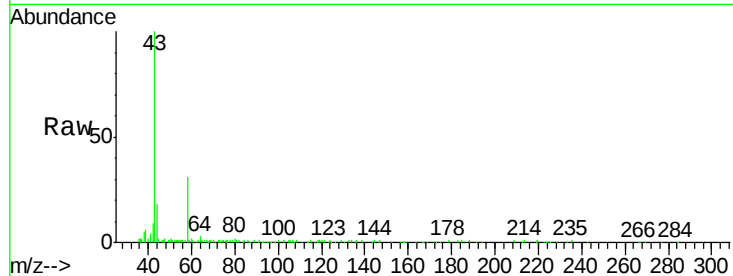
SP-1-6

Tot Ion: 43 Resp: 33403

Ion Ratio Lower Upper

43 100

58 30.4 25.0 37.6



#18

Methyl Acetate

Concen: 2.936 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006966.D

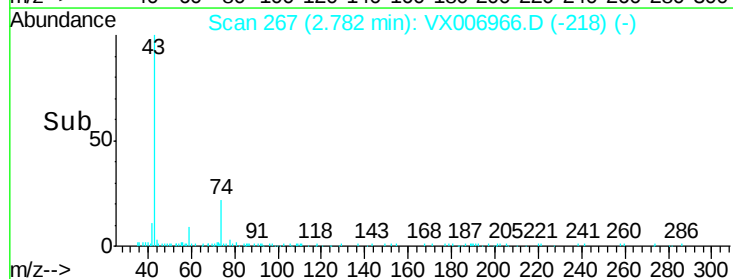
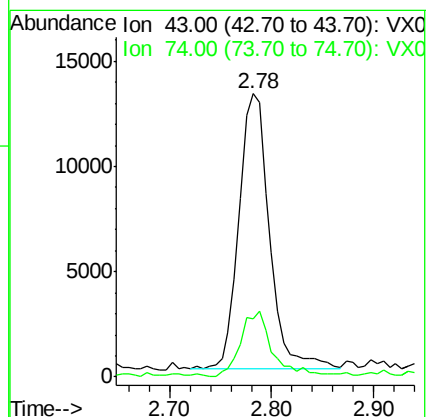
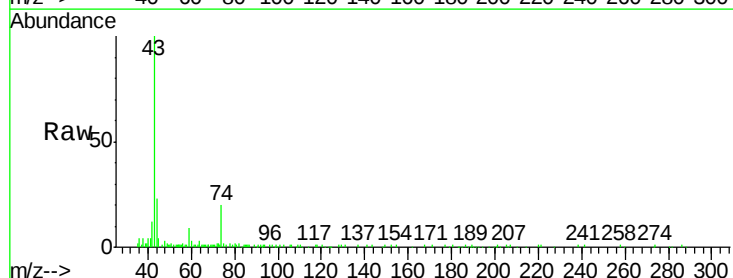
Acq: 09 Jan 2019 15:40

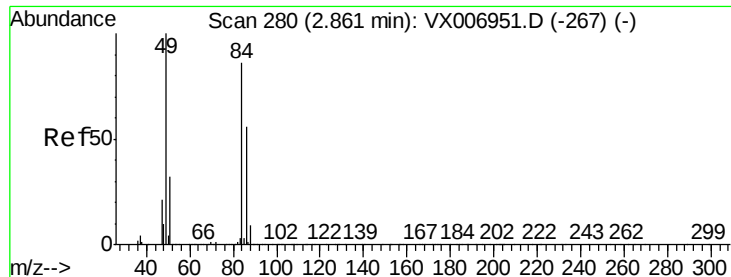
Tgt Ion: 43 Resp: 27216

Ion Ratio Lower Upper

43 100

74 25.0 18.6 28.0





#20

Methylene Chloride

Concen: 9.614 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX006966.D

Acq: 09 Jan 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

SP-1-6

Tot Ion: 84 Resp: 61303

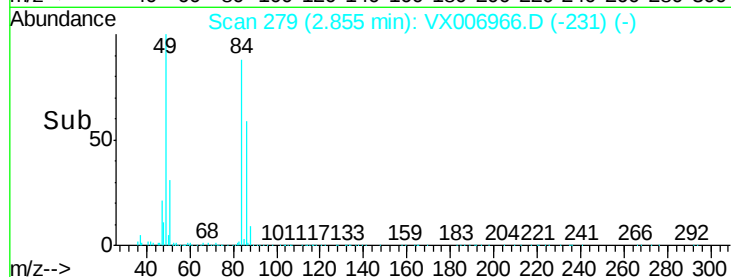
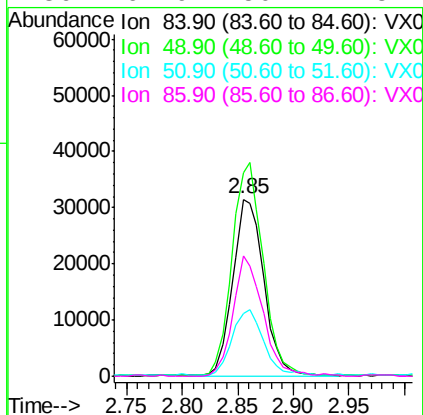
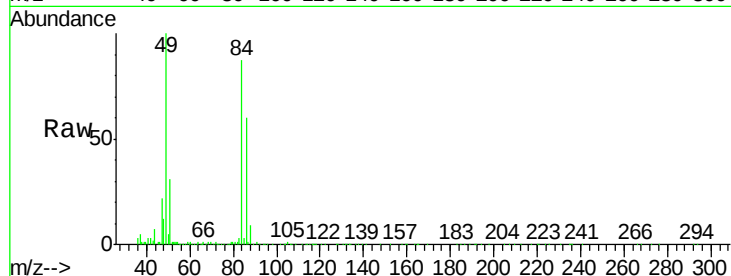
Ion Ratio Lower Upper

84 100

49 114.2 91.8 137.6

51 34.6 28.5 42.7

86 67.9 50.2 75.2



#33

1,2-Dichloroethane-d4

Concen: 51.206 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006966.D

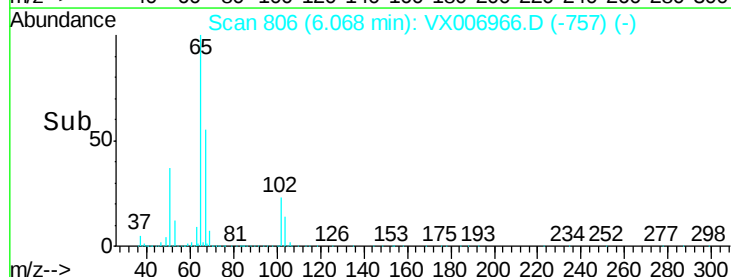
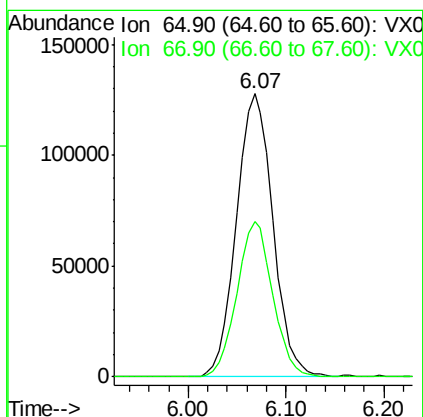
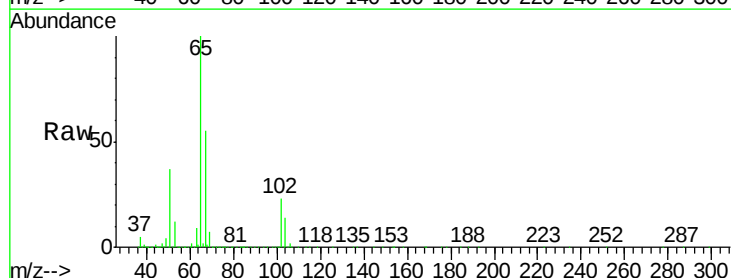
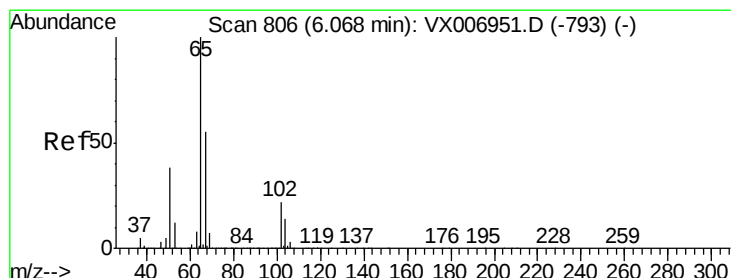
Acq: 09 Jan 2019 15:40

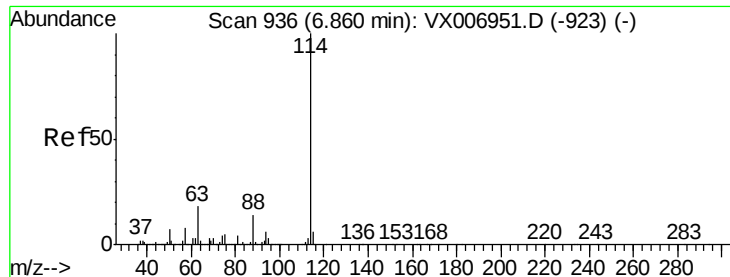
Tgt Ion: 65 Resp: 331493

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006966.D

Acq: 09 Jan 2019 15:40

Instrument :

MSVOA_X

ClientSampled :

SP-1-6

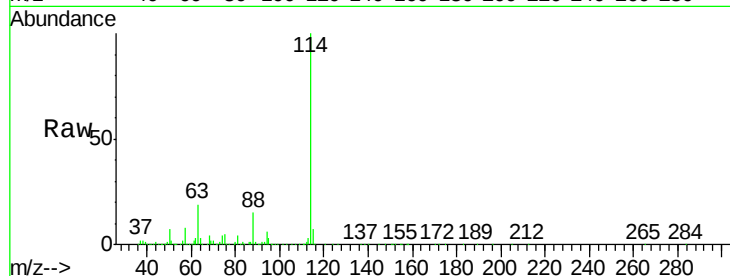
Tot Ion:114 Resp: 958713

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

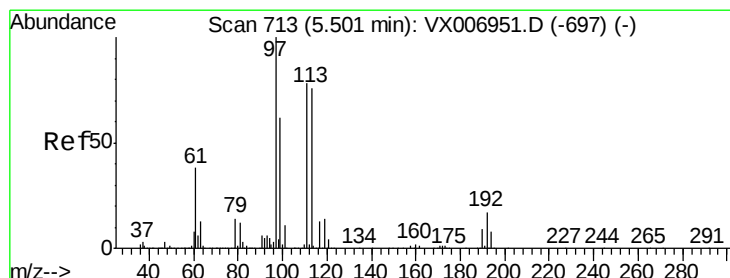
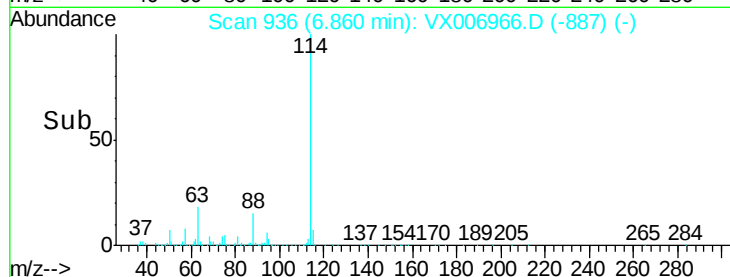
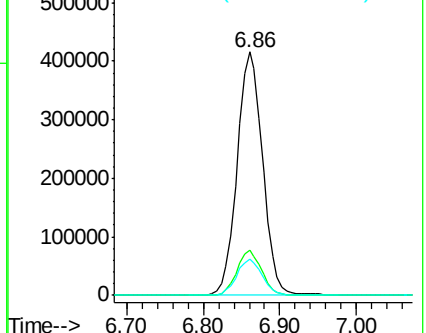
88 15.1 0.0 28.8



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: 48.431 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006966.D

Acq: 09 Jan 2019 15:40

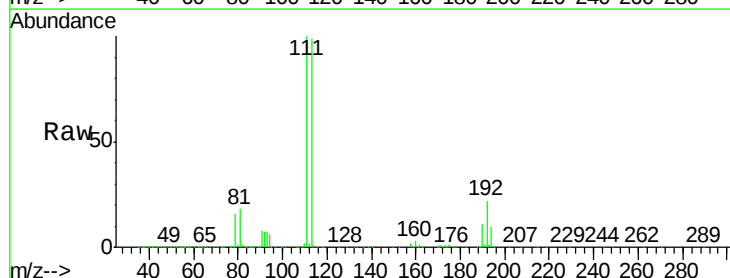
Tgt Ion:113 Resp: 297343

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

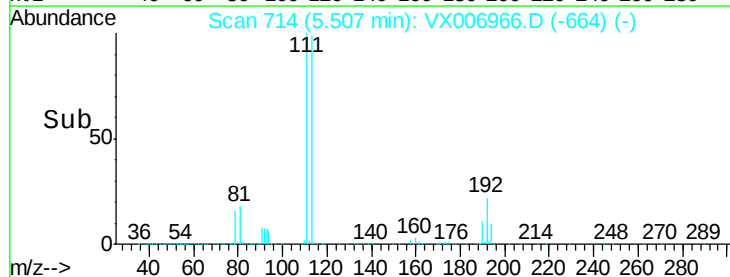
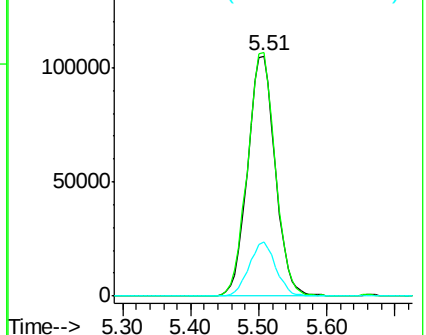
192 22.1 16.7 25.1

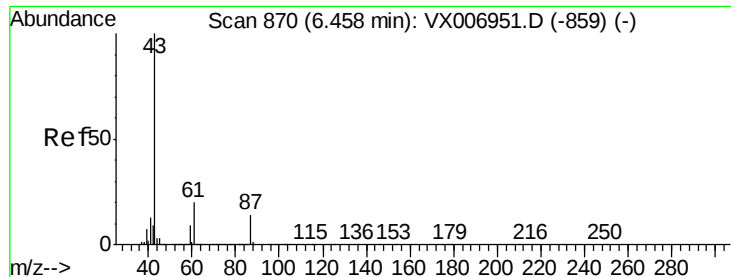


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.355 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006966.D

Acq: 09 Jan 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

SP-1-6

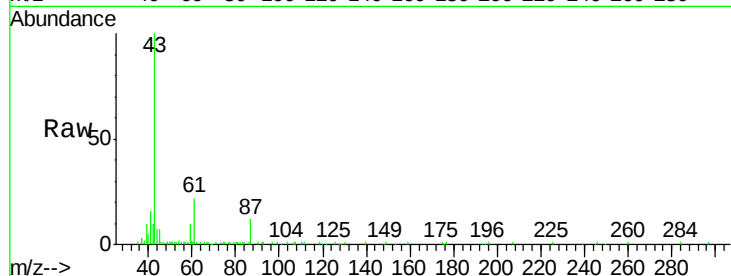
Tot Ion: 43 Resp: 33188

Ion Ratio Lower Upper

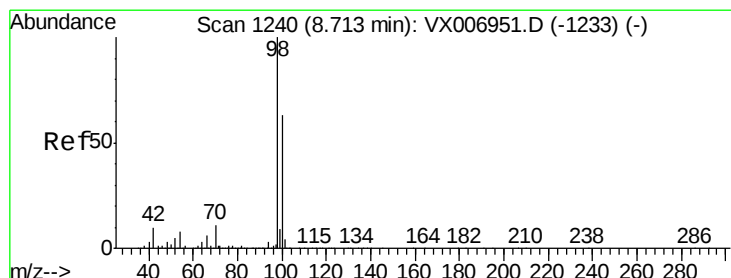
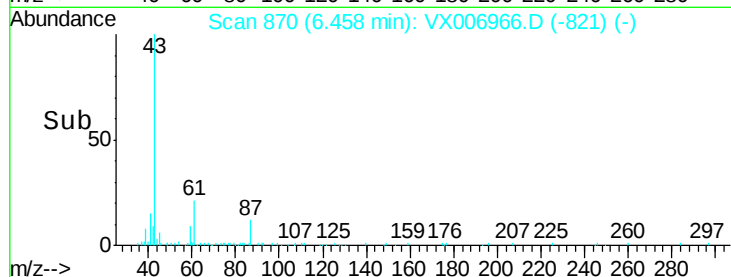
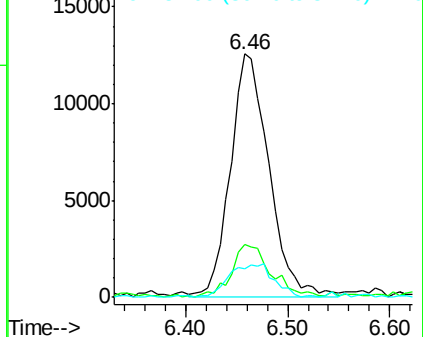
43 100

61 22.2 16.8 25.2

87 15.8 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.848 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006966.D

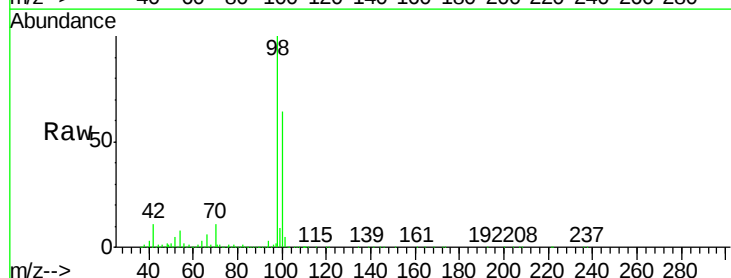
Acq: 09 Jan 2019 15:40

Tgt Ion: 98 Resp: 1142678

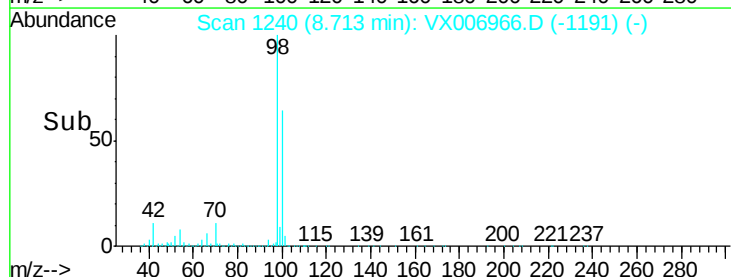
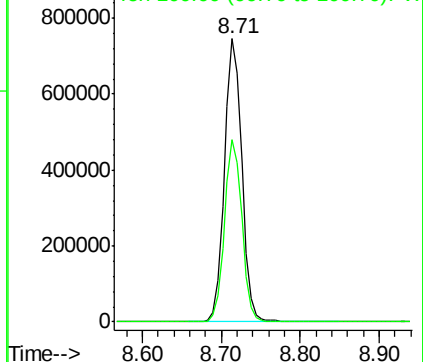
Ion Ratio Lower Upper

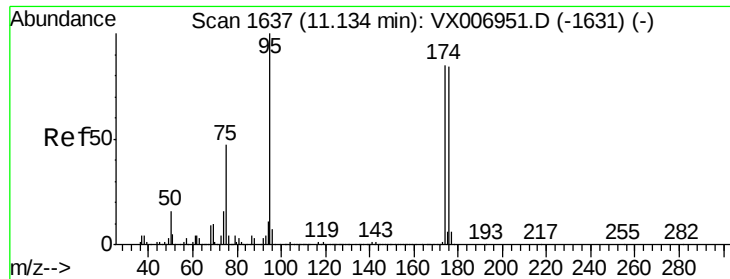
98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

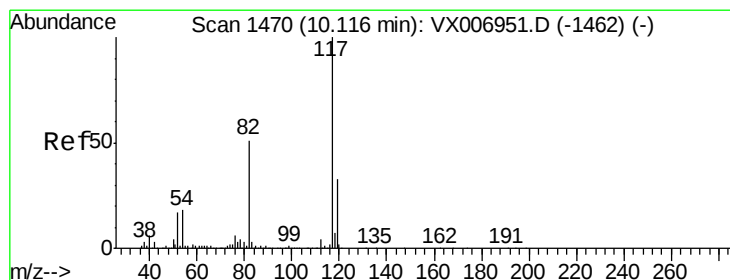
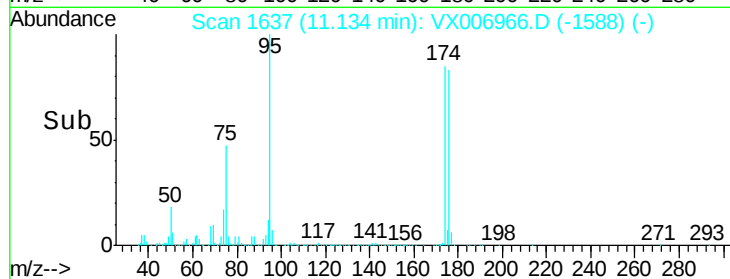
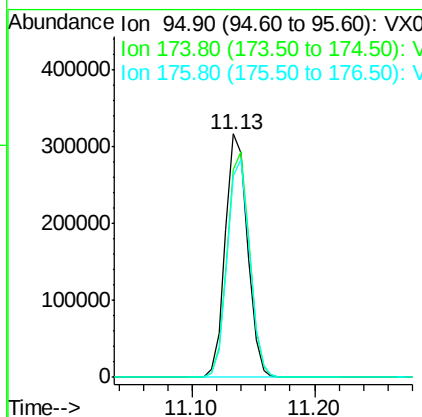
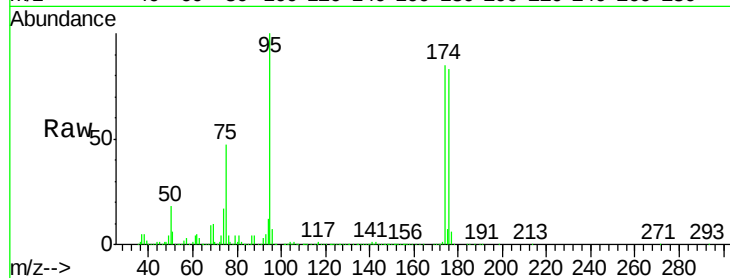




#62
4-Bromofluorobenzene
Concen: 51.007 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006966.D
Acq: 09 Jan 2019 15:40

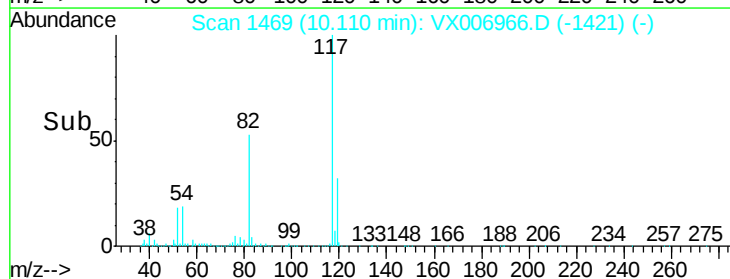
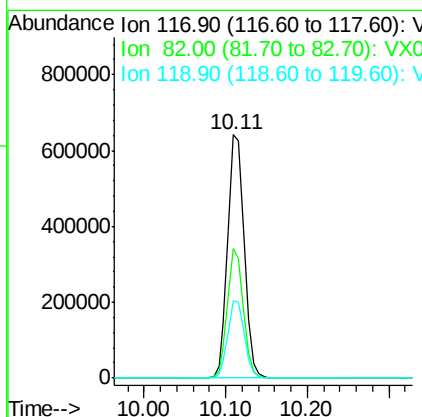
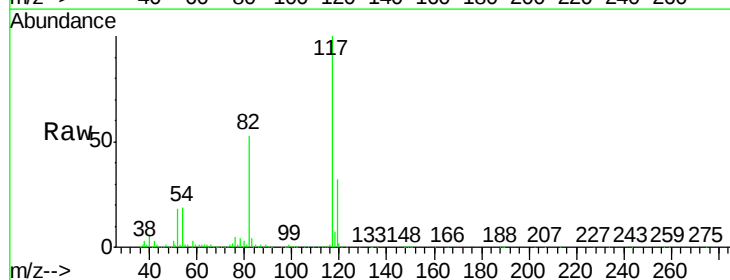
Instrument :
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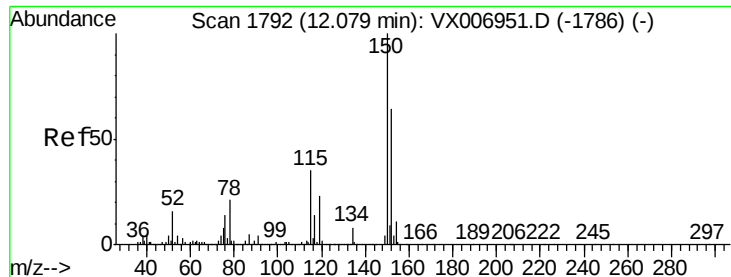
Tot Ion: 95 Resp: 399618
Ion Ratio Lower Upper
95 100
174 92.8 0.0 182.2
176 89.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006966.D
Acq: 09 Jan 2019 15:40

Tgt Ion: 117 Resp: 894110
Ion Ratio Lower Upper
117 100
82 53.3 41.0 61.6
119 31.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006966.D

Acq: 09 Jan 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

SP-1-6

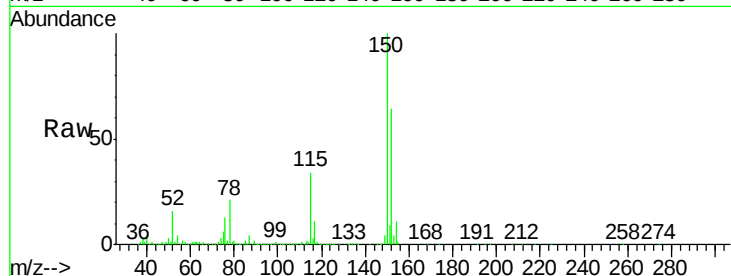
Tot Ion:152 Resp: 428563

Ion Ratio Lower Upper

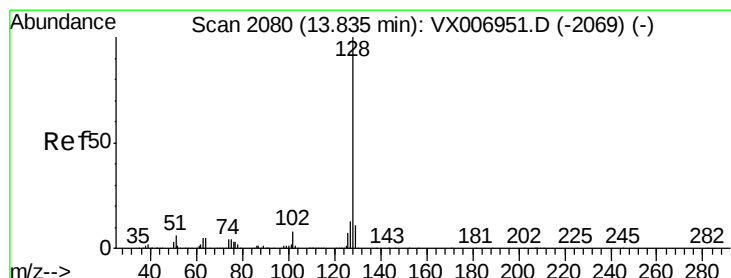
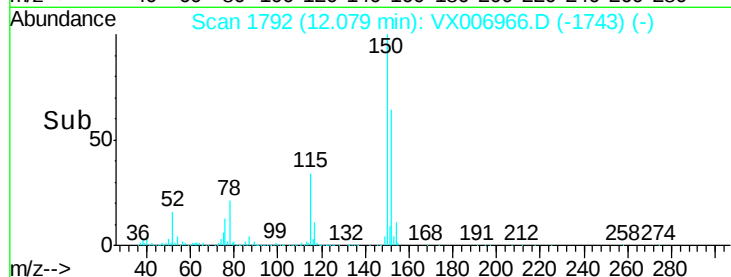
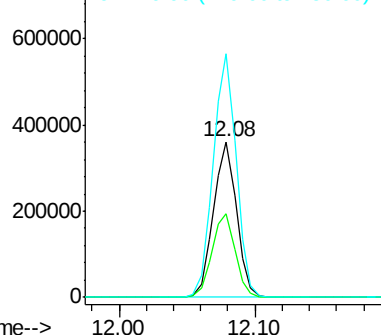
152 100

115 54.2 39.1 117.2

150 155.7 0.0 344.8



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



#95

Naphthalene

Concen: 1.523 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006966.D

Acq: 09 Jan 2019 15:40

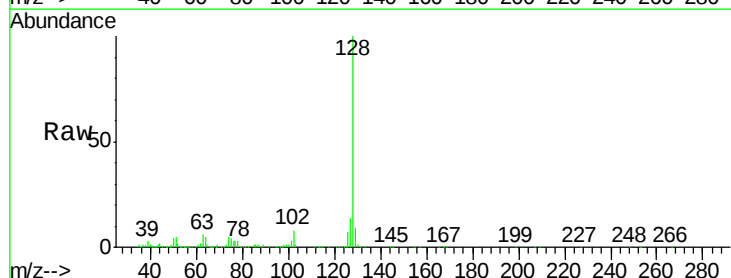
Tgt Ion:128 Resp: 47011

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 11.4 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

