

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006902.D
 Acq On : 03 Jan 2019 18:32
 Operator : JC/MD
 Sample : K1019-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TEST-PIT-D-11-12-B

Quant Time: Jan 04 06:00:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

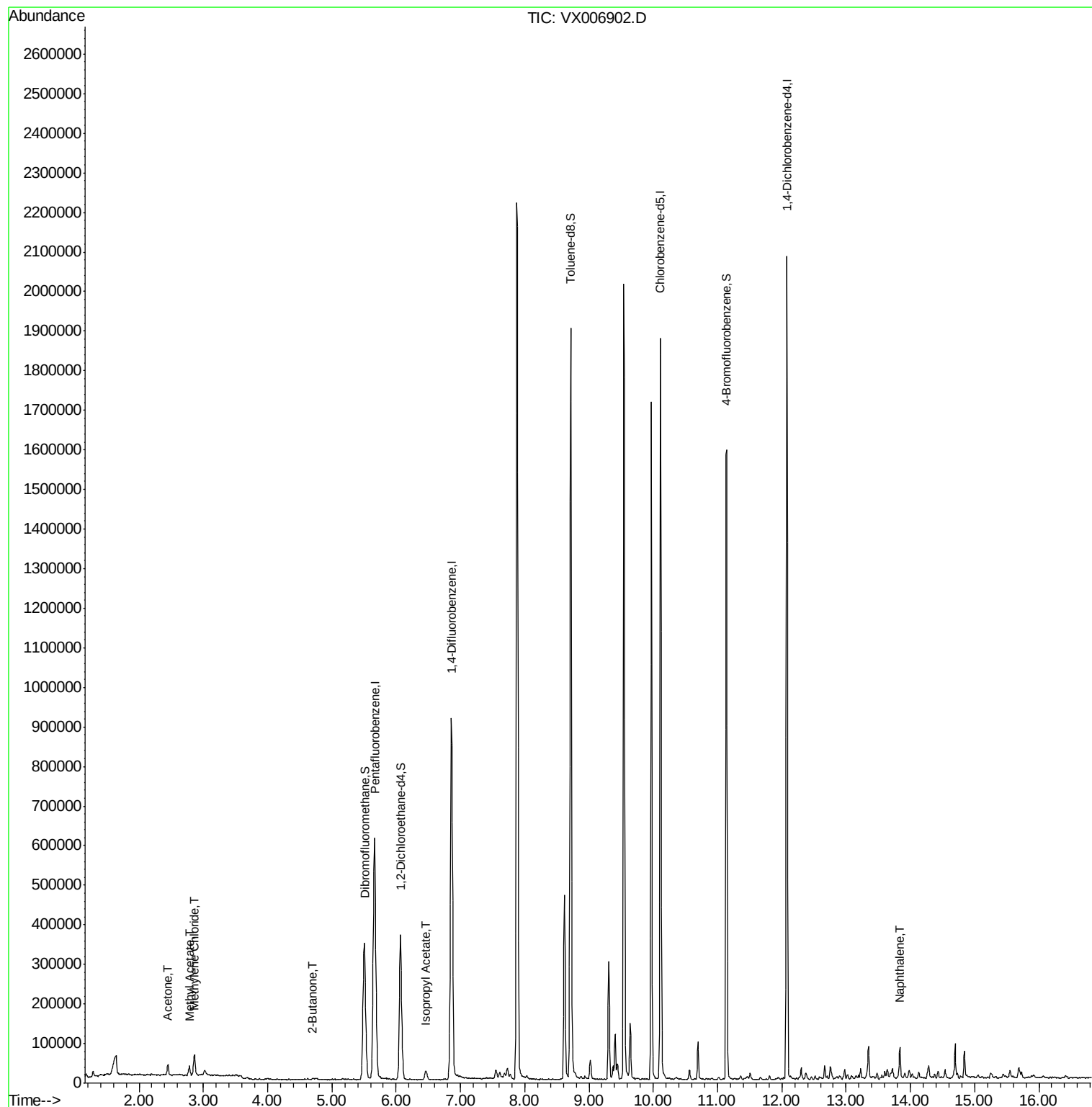
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	638640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	976216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	917161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	445350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	334521	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	5.51	113	292607	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	8.71	98	1174183	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	417444	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
Target Compounds						
16) Acetone	2.45	43	29834	9.434	ug/l	97
18) Methyl Acetate	2.78	43	26291	2.827	ug/l	95
20) Methylene Chloride	2.86	84	24257	3.710	ug/l	98
25) 2-Butanone	4.70	43	5231	1.176	ug/l #	89
43) Isopropyl Acetate	6.46	43	30005	2.343	ug/l	100
95) Naphthalene	13.83	128	51044	1.561	ug/l	97

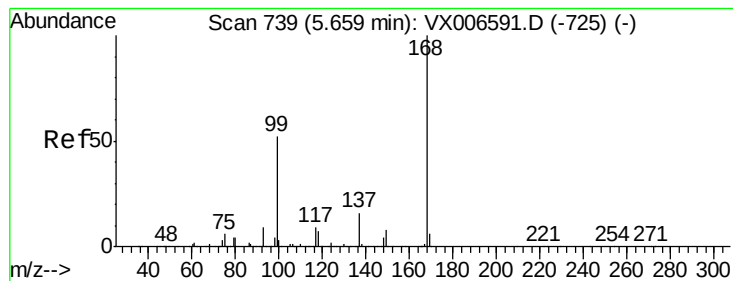
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TEST-PIT-D-11-12-B

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006902.D

Acq: 03 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

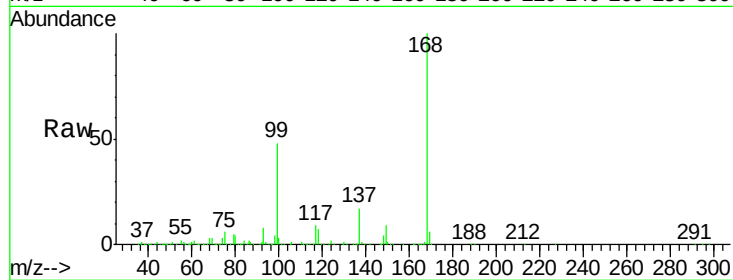
TEST-PIT-D-11-12-B

Tot Ion:168 Resp: 638640

Ion Ratio Lower Upper

168 100

99 48.4 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

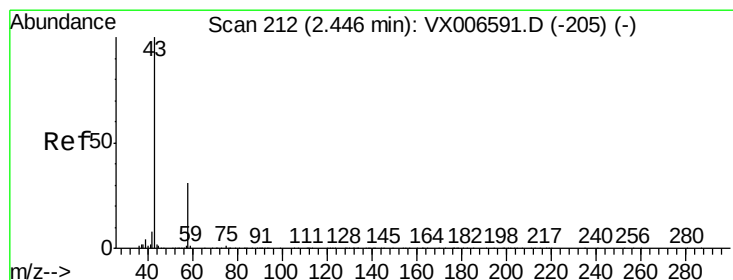
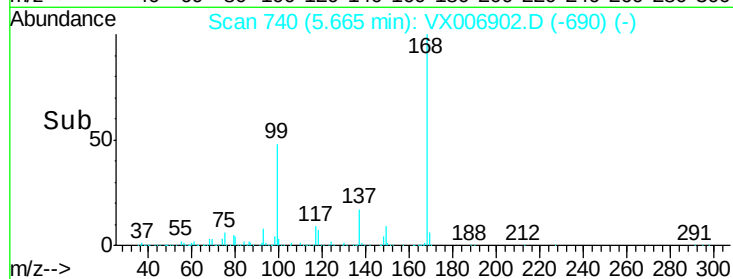
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.434 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006902.D

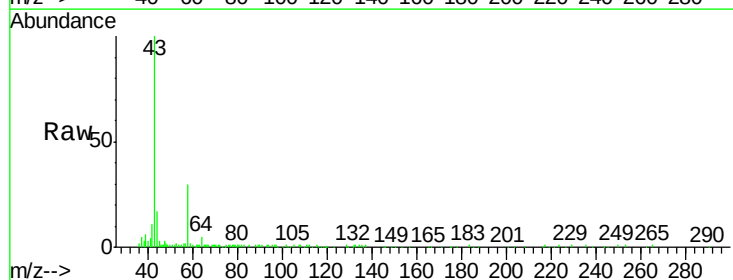
Acq: 03 Jan 2019 18:32

Tgt Ion: 43 Resp: 29834

Ion Ratio Lower Upper

43 100

58 29.9 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

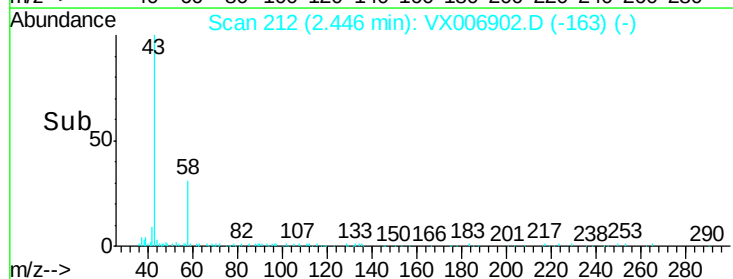
15000

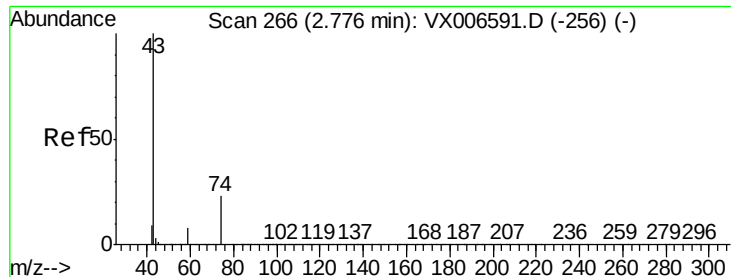
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

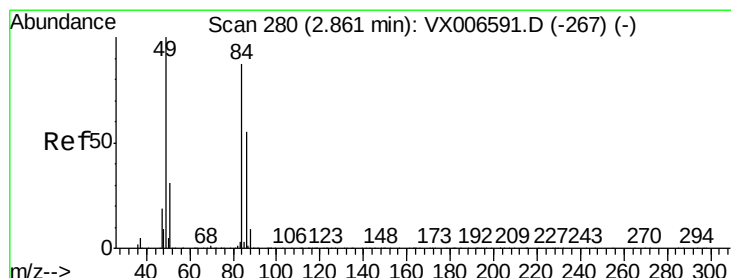
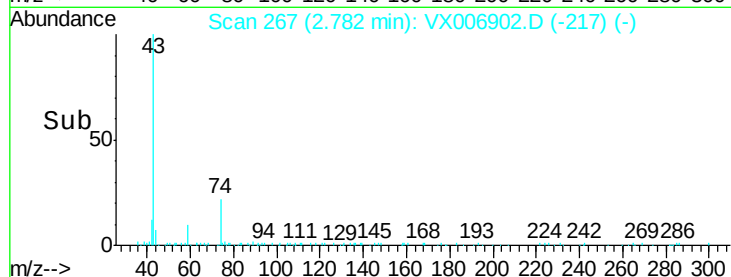
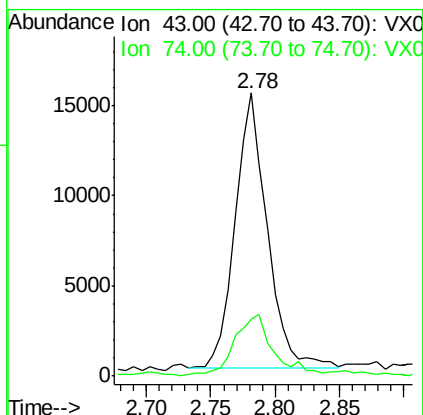
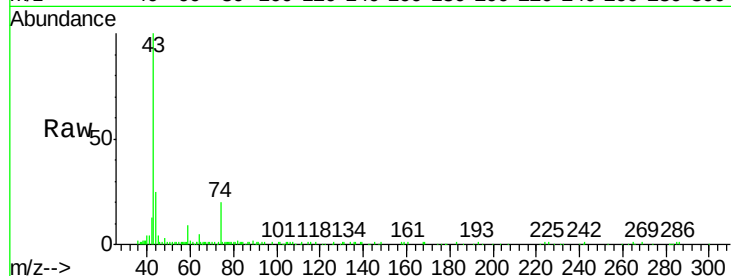




#18
Methyl Acetate
Concen: 2.827 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006902.D
Acq: 03 Jan 2019 18:32

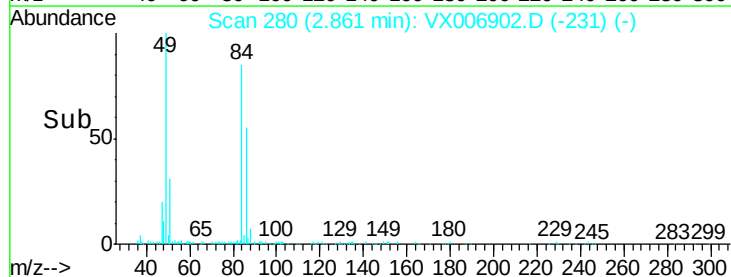
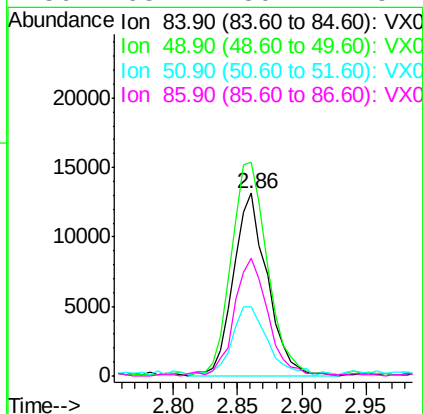
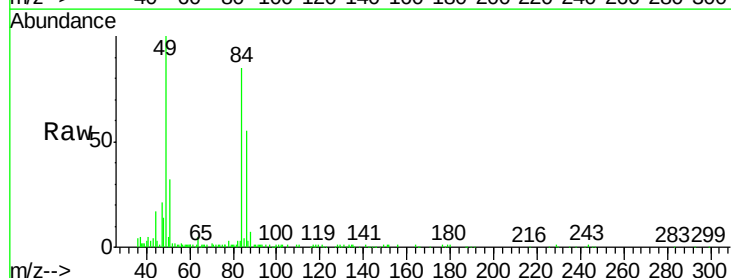
Instrument :
MSVOA_X
ClientSampleId :
TEST-PIT-D-11-12-B

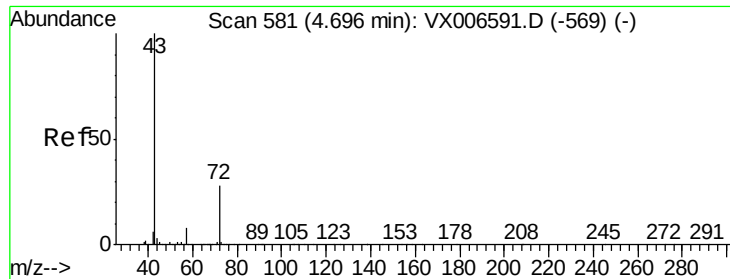
Tot Ion: 43 Resp: 26291
Ion Ratio Lower Upper
43 100
74 25.7 18.6 28.0



#20
Methylene Chloride
Concen: 3.710 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006902.D
Acq: 03 Jan 2019 18:32

Tgt Ion: 84 Resp: 24257
Ion Ratio Lower Upper
84 100
49 116.6 91.8 137.6
51 37.0 28.5 42.7
86 63.7 50.2 75.2

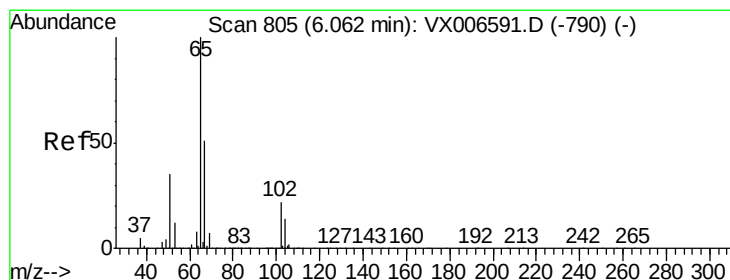
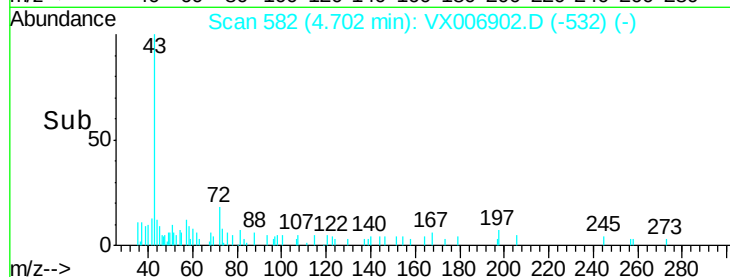
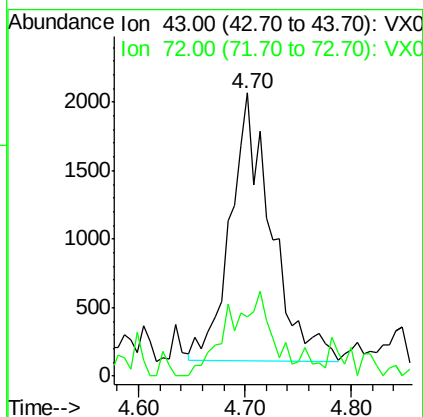
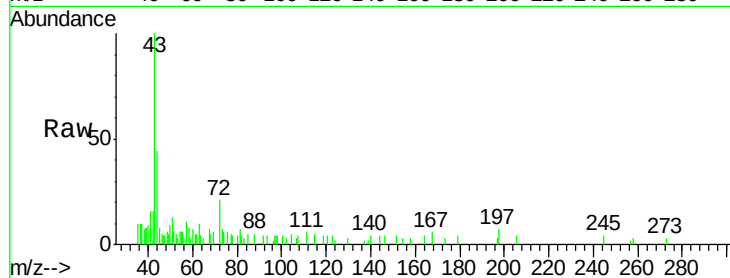




#25
2-Butanone
Concen: 1.176 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006902.D
Acq: 03 Jan 2019 18:32

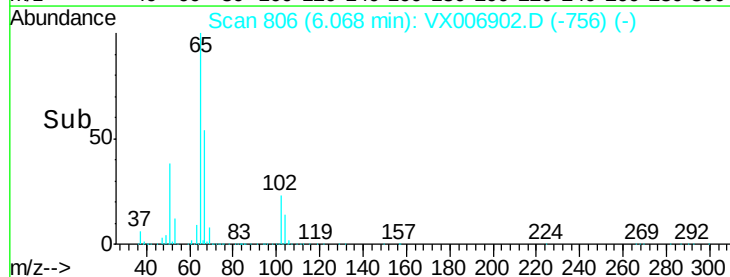
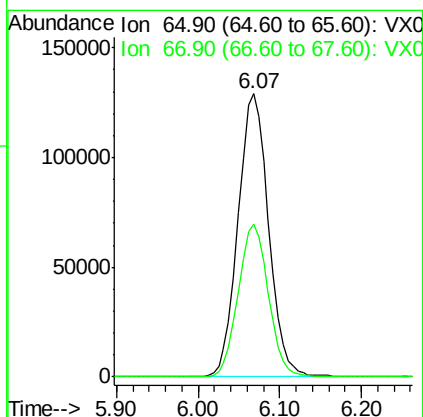
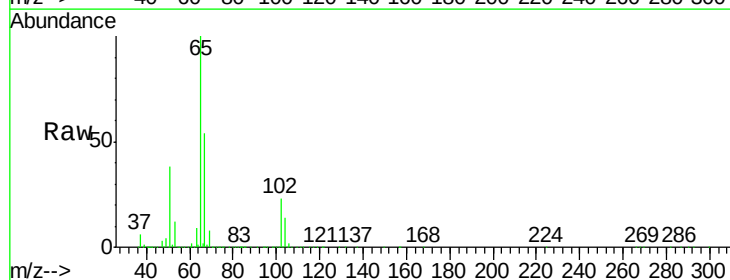
Instrument :
MSVOA_X
ClientSampleId :
TEST-PIT-D-11-12-B

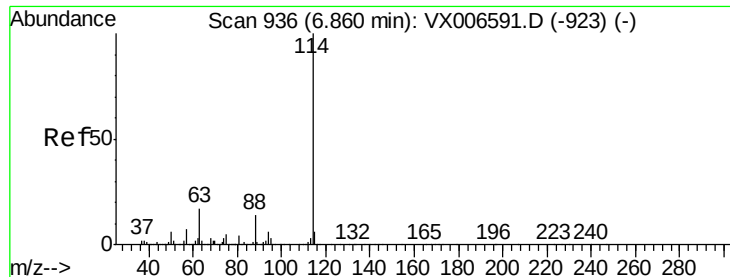
Tot Ion: 43 Resp: 5231
Ion Ratio Lower Upper
43 100
72 22.3 22.4 33.6#



#33
1,2-Dichloroethane-d4
Concen: 48.601 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006902.D
Acq: 03 Jan 2019 18:32

Tgt Ion: 65 Resp: 334521
Ion Ratio Lower Upper
65 100
67 53.2 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: VX006902.D

Acq: 03 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-D-11-12-B

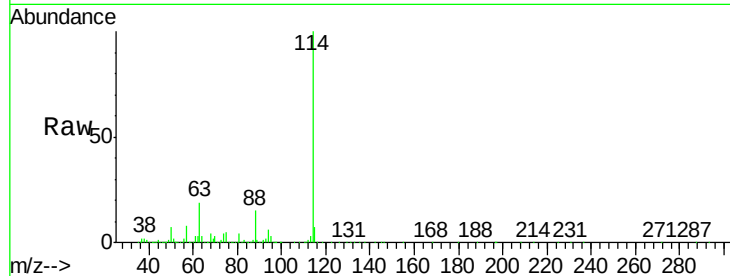
Tot Ion:114 Resp: 976216

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

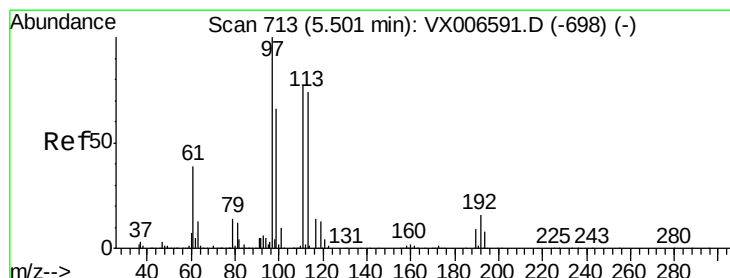
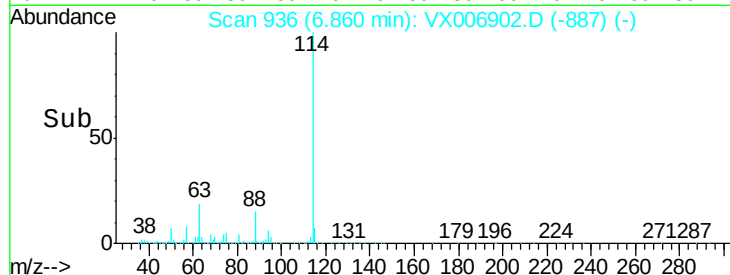
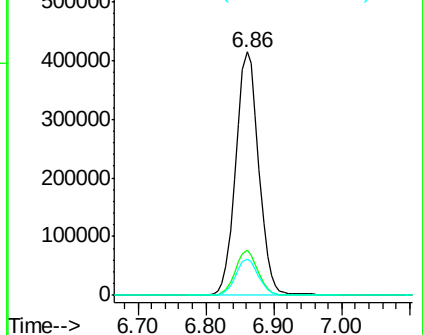
88 14.8 0.0 28.8



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: 47.398 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006902.D

Acq: 03 Jan 2019 18:32

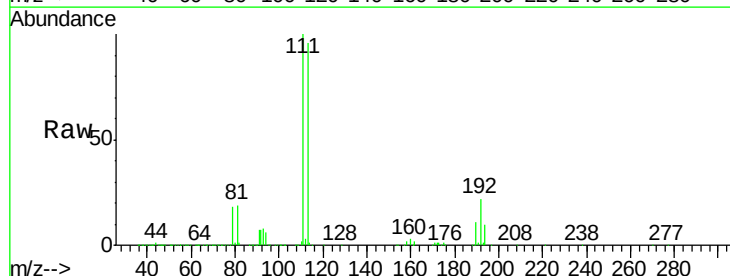
Tgt Ion:113 Resp: 292607

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

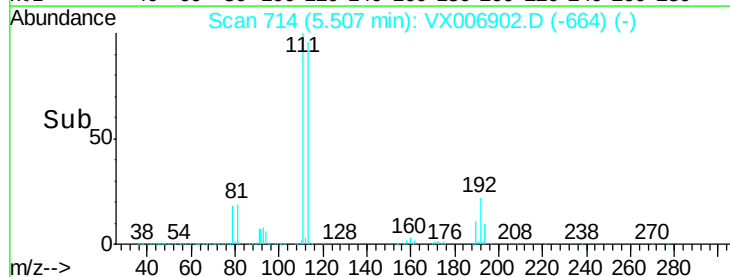
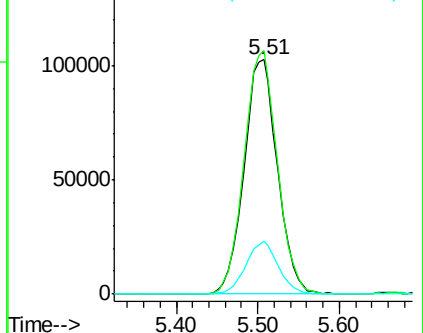
192 22.1 16.7 25.1

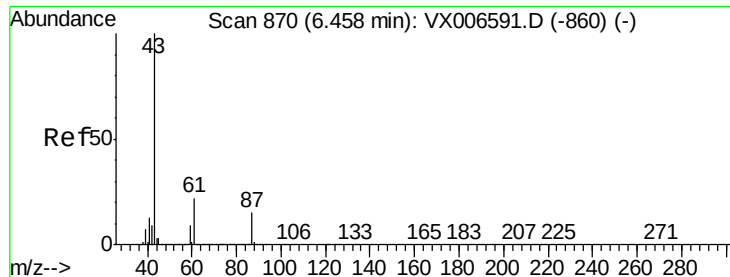


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.343 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006902.D

Acq: 03 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-D-11-12-B

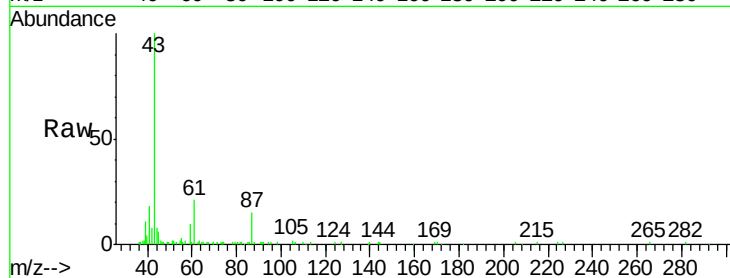
Tot Ion: 43 Resp: 30005

Ion Ratio Lower Upper

43 100

61 20.8 16.8 25.2

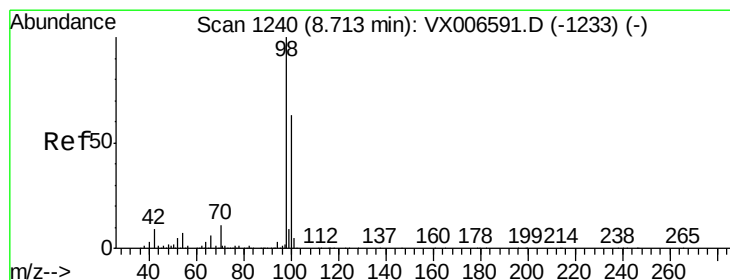
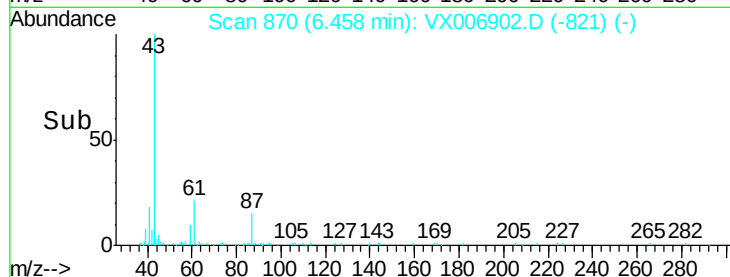
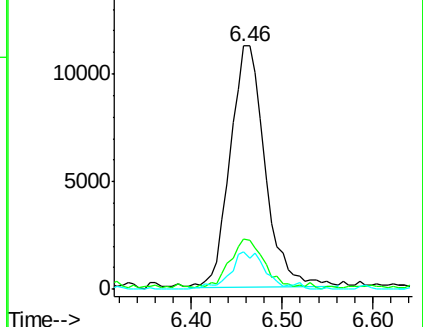
87 15.6 12.4 18.6



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: 50.451 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006902.D

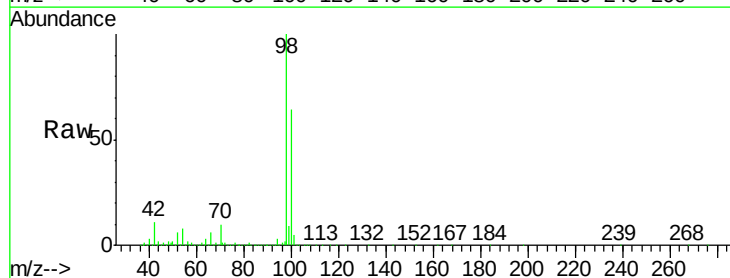
Acq: 03 Jan 2019 18:32

Tgt Ion: 98 Resp: 1174183

Ion Ratio Lower Upper

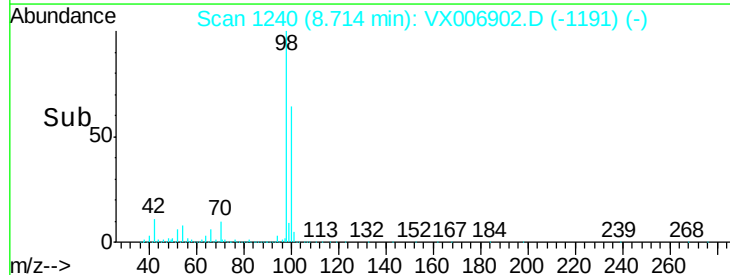
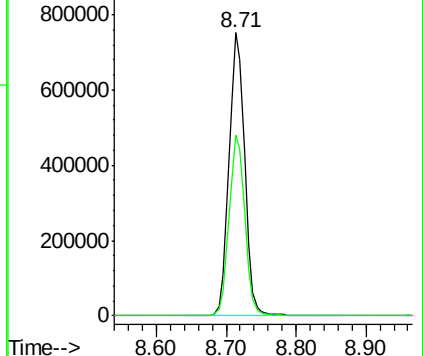
98 100

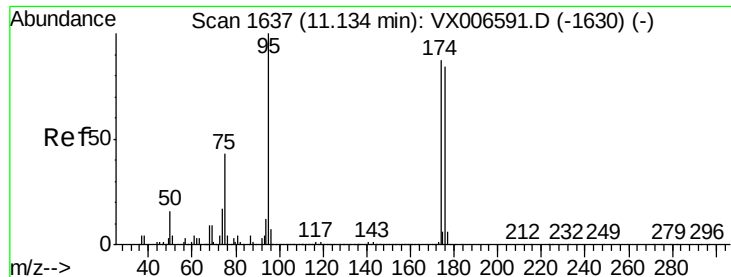
100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

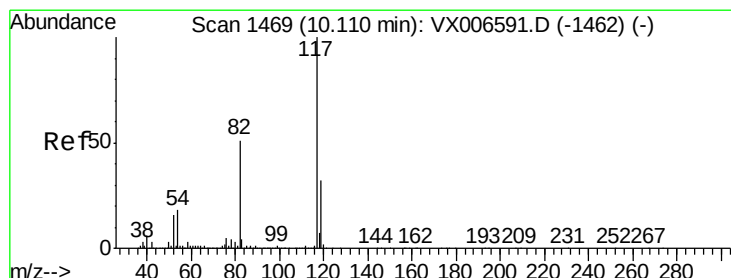
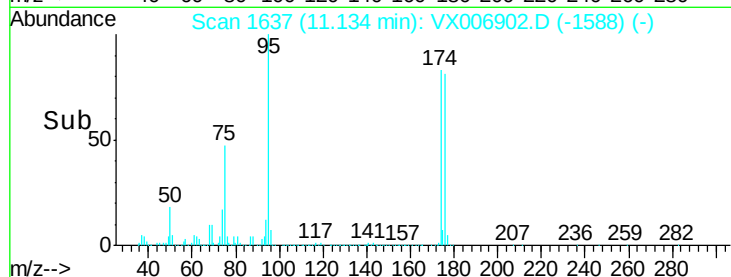
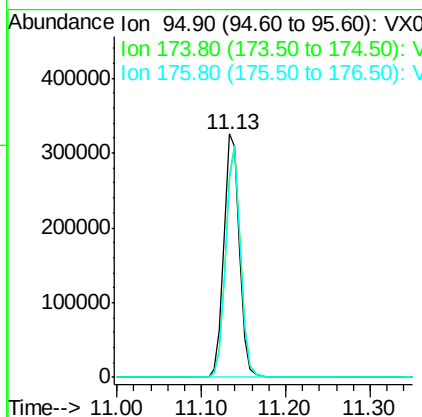
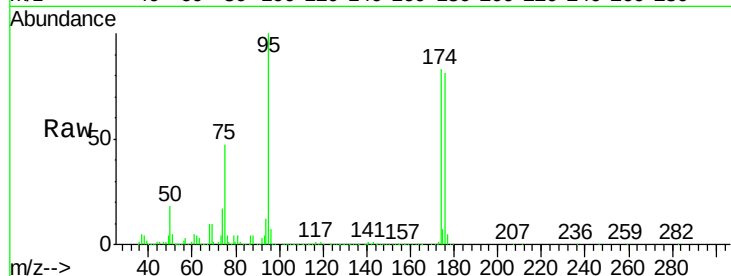




#62
4-Bromofluorobenzene
Concen: 48.973 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006902.D
Acq: 03 Jan 2019 18:32

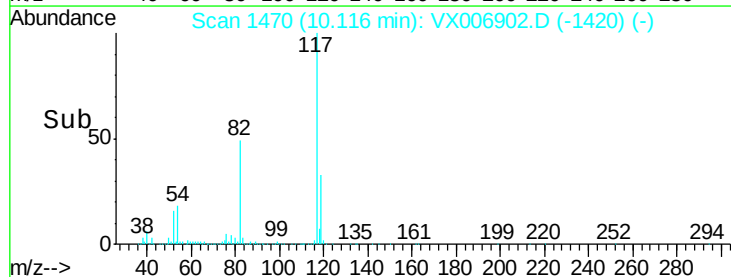
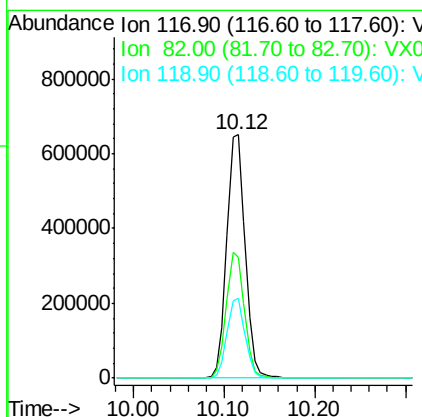
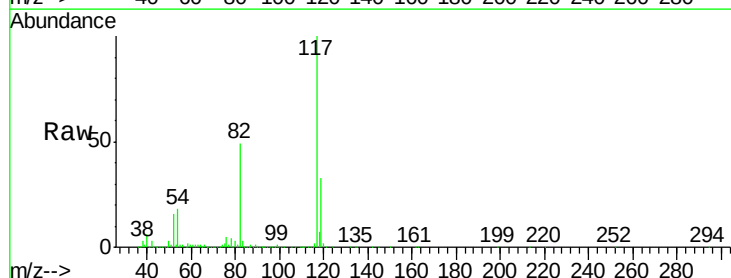
Instrument :
MSVOA_X
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TEST-PIT-D-11-12-B

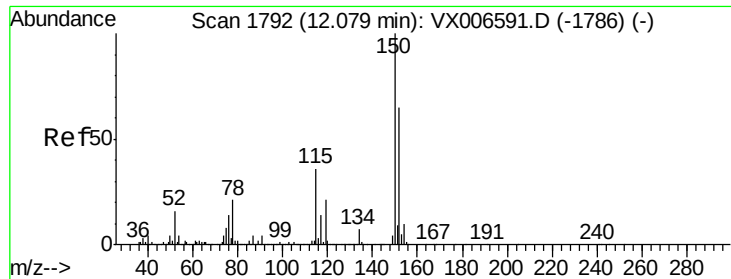
Tot Ion: 95 Resp: 417444
Ion Ratio Lower Upper
95 100
174 91.1 0.0 182.2
176 90.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006902.D
Acq: 03 Jan 2019 18:32

Tgt Ion: 117 Resp: 917161
Ion Ratio Lower Upper
117 100
82 49.4 41.0 61.6
119 32.9 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: VX006902.D

Acq: 03 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-D-11-12-B

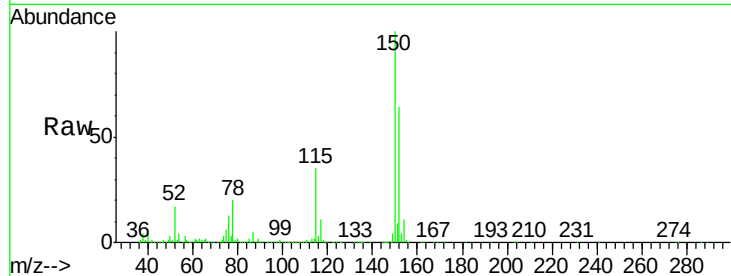
Tot Ion:152 Resp: 445350

Ion Ratio Lower Upper

152 100

115 54.8 39.1 117.2

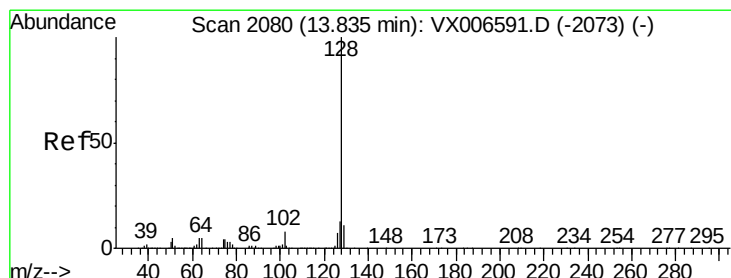
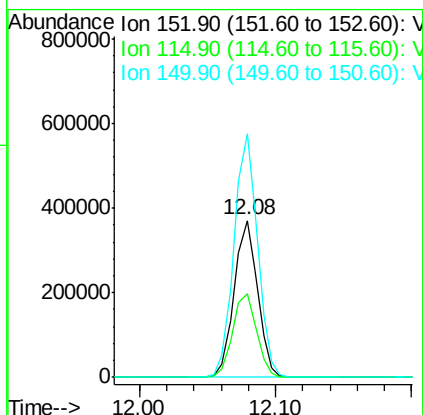
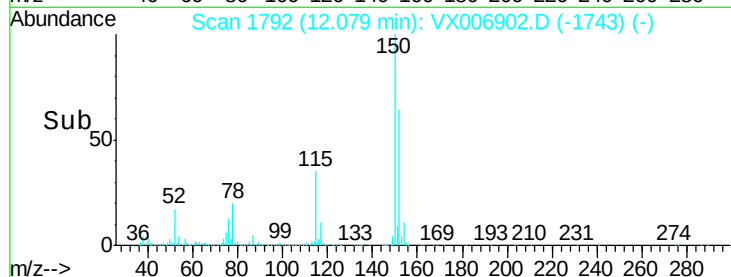
150 155.7 0.0 344.8



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: 1.561 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006902.D

Acq: 03 Jan 2019 18:32

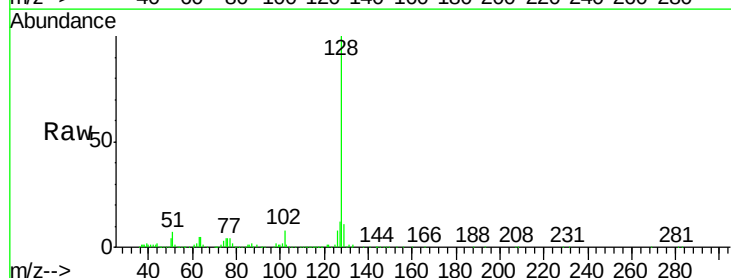
Tgt Ion:128 Resp: 51044

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 12.8 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

