

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
 Data File : VU027929.D
 Acq On : 02 Nov 2018 16:25
 Operator : MD/SY
 Sample : J5759-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-6

Quant Time: Nov 03 05:44:25 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

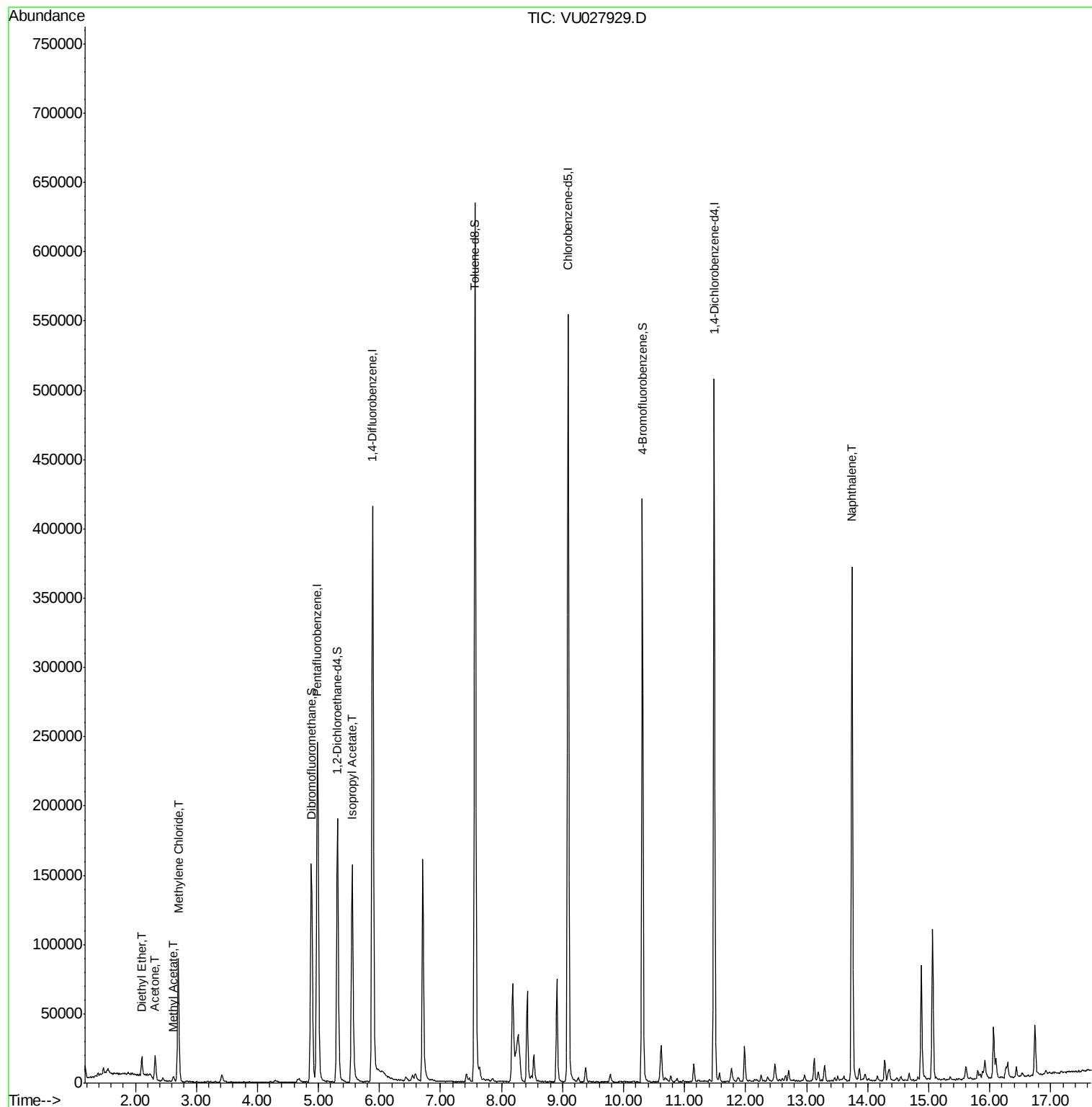
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	186282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	332132	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	291051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	124351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	147019	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
35) Dibromofluoromethane	4.89	113	107957	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	7.57	98	421825	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	10.31	95	137291	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
8) Diethyl Ether	2.11	74	4041	2.874	ug/l	94
16) Acetone	2.32	43	18072	10.517	ug/l	96
18) Methyl Acetate	2.62	43	5010	1.060	ug/l	93
20) Methylene Chloride	2.70	84	36776	14.658	ug/l	95
43) Isopropyl Acetate	5.55	43	191096	23.931	ug/l	99
95) Naphthalene	13.74	128	280051	27.373	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027929.D

Acq: 02 Nov 2018 16:25

Instrument :

MSVOA_U

ClientSampleId :

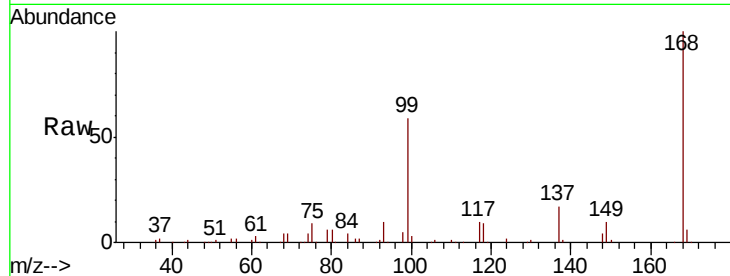
TP-6

Tot Ion:168 Resp: 186282

Ion Ratio Lower Upper

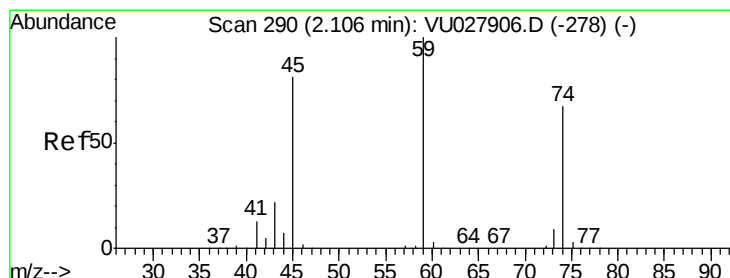
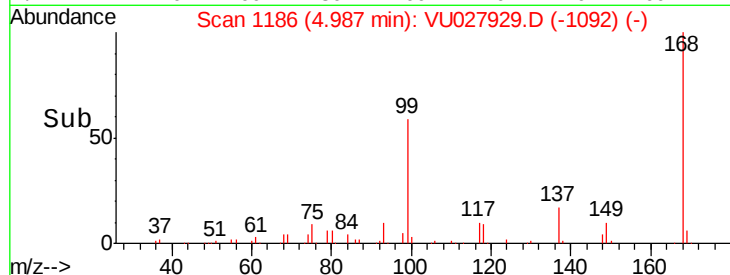
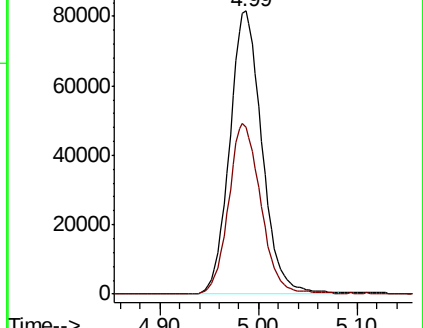
168 100

99 58.9 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027929.D (-1092) (-)



#8

Diethyl Ether

Concen: 2.874 ug/l

RT: 2.11 min Scan# 290

Delta R.T. 0.00 min

Lab File: VU027929.D

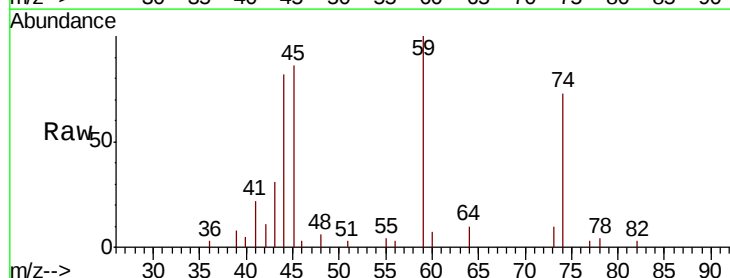
Acq: 02 Nov 2018 16:25

Tgt Ion: 74 Resp: 4041

Ion Ratio Lower Upper

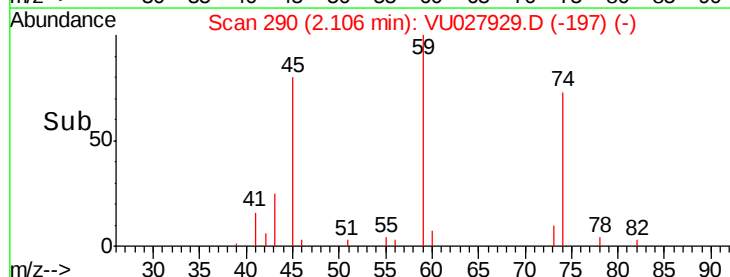
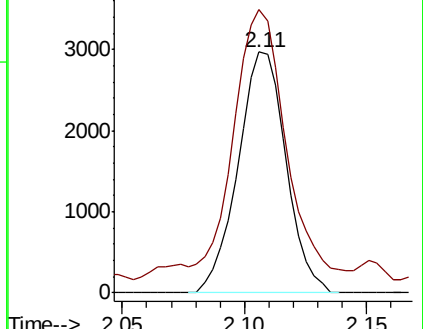
74 100

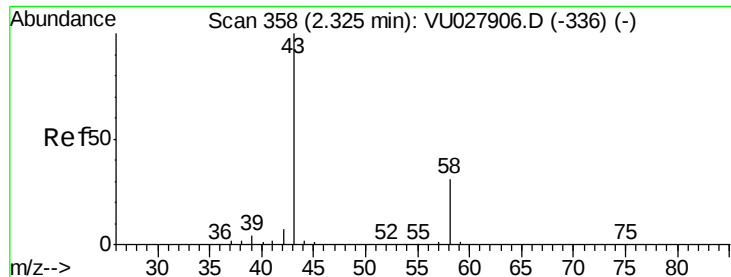
45 127.6 60.5 181.5



Abundance Ion 74.00 (73.70 to 74.70): VU027906.D (-278) (-)

Ion 45.00 (44.70 to 45.70): VU027929.D (-197) (-)





#16

Acetone

Concen: 10.517 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027929.D

Acq: 02 Nov 2018 16:25

Instrument :

MSVOA_U

ClientSampleId :

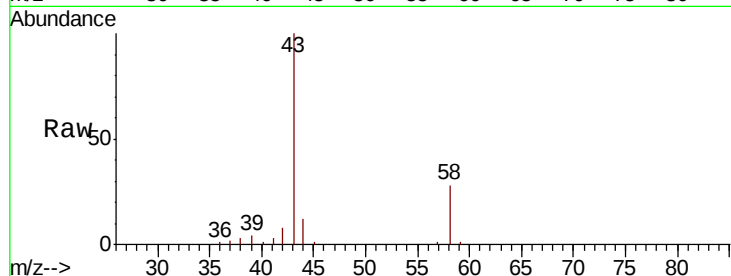
TP-6

Tot Ion: 43 Resp: 18072

Ion Ratio Lower Upper

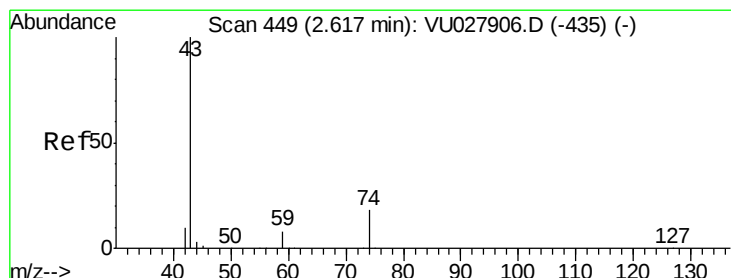
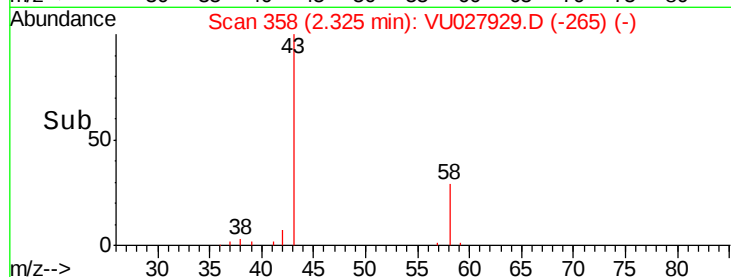
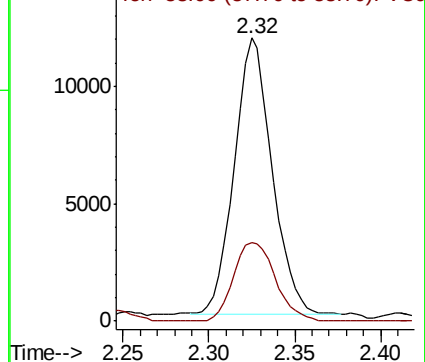
43 100

58 28.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 1.060 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU027929.D

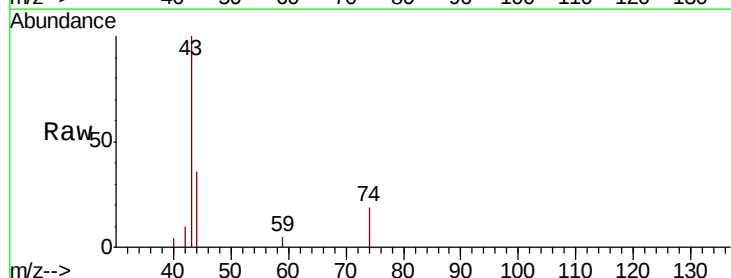
Acq: 02 Nov 2018 16:25

Tgt Ion: 43 Resp: 5010

Ion Ratio Lower Upper

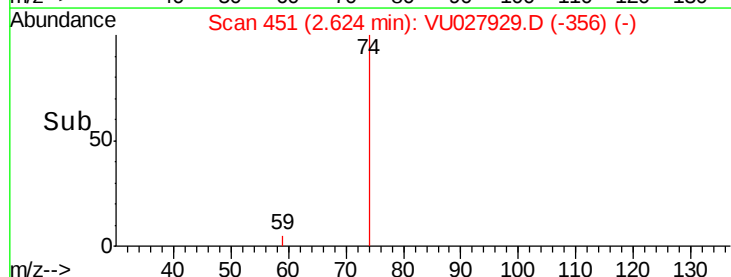
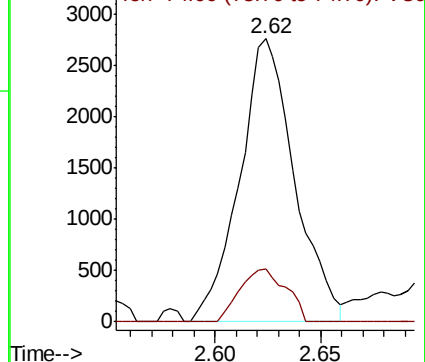
43 100

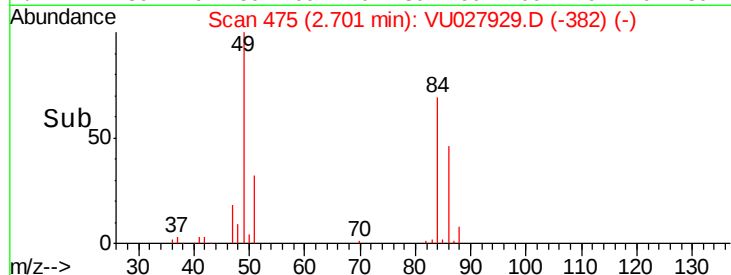
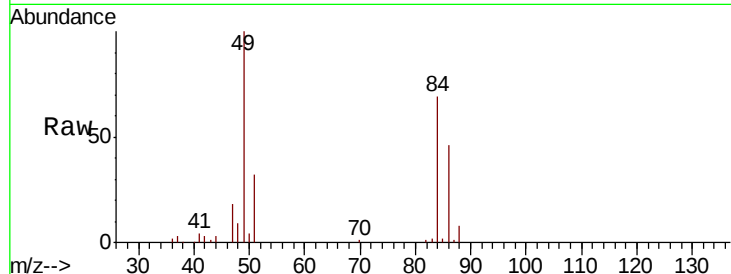
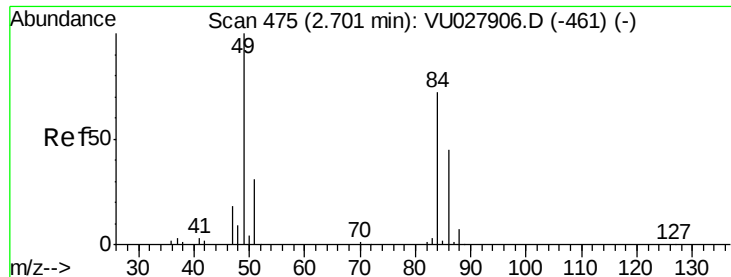
74 15.6 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

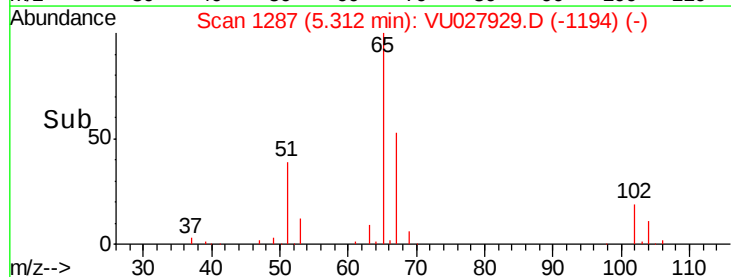
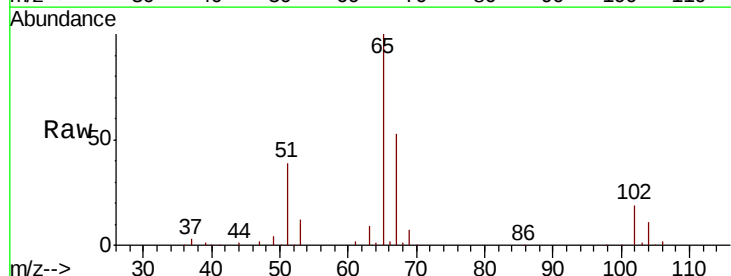
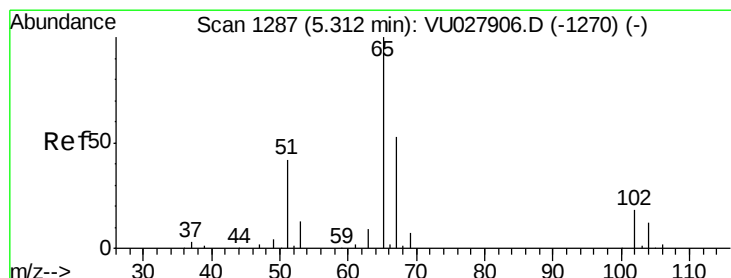
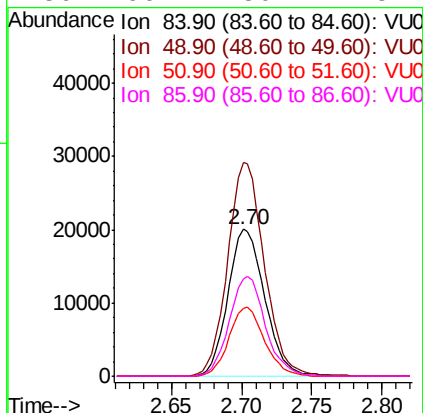




#20
Methvlene Chloride
Concen: 14.658 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027929.D
Acq: 02 Nov 2018 16:25

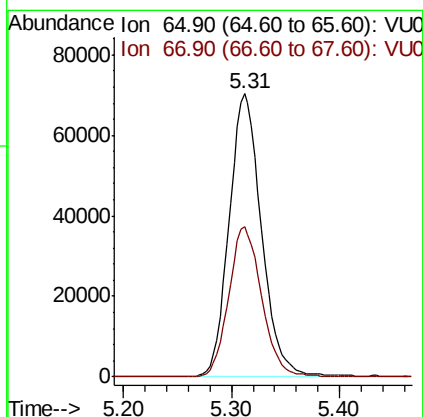
Instrument :
MSVOA_U
ClientSampled :
TP-6

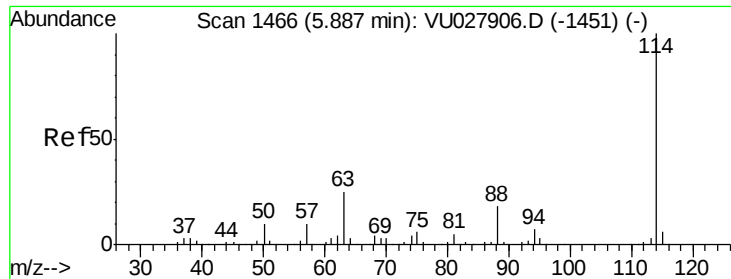
Tot Ion: 84 Resp: 36776
Ion Ratio Lower Upper
84 100
49 145.3 111.6 167.4
51 46.6 34.8 52.2
86 66.2 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 53.084 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027929.D
Acq: 02 Nov 2018 16:25

Tgt Ion: 65 Resp: 147019
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0

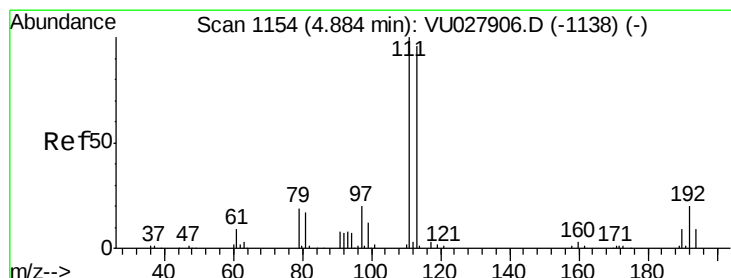
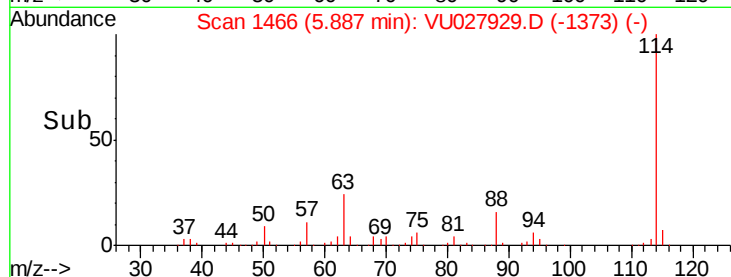
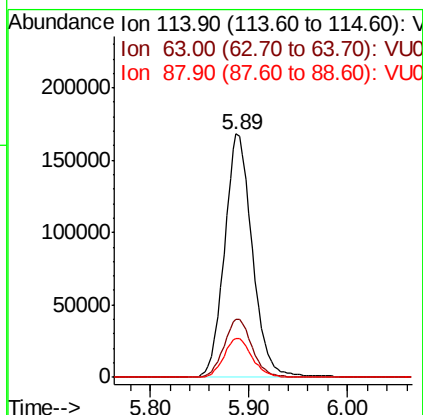
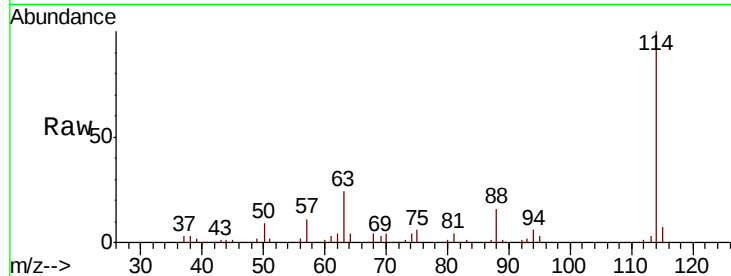




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027929.D
 Acq: 02 Nov 2018 16:25

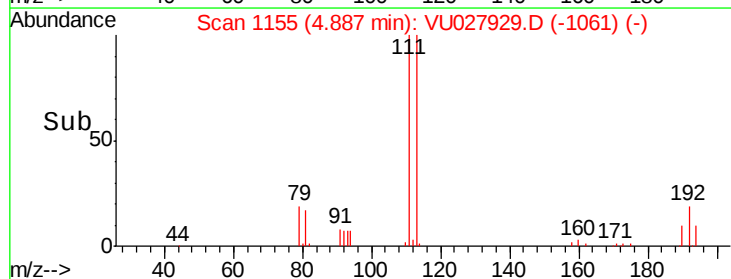
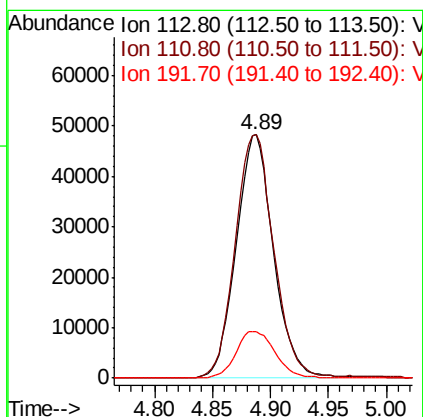
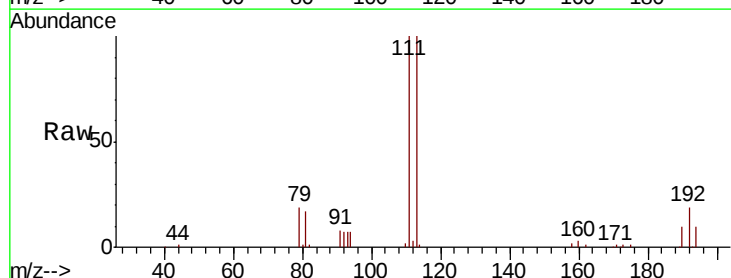
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-6

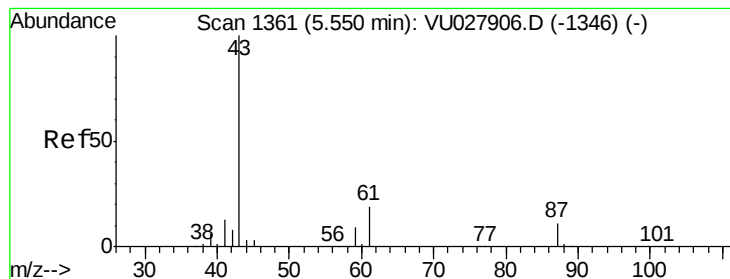
Tot Ion:114 Resp: 332132
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.8
 88 16.2 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 51.552 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027929.D
 Acq: 02 Nov 2018 16:25

Tgt Ion:113 Resp: 107957
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.0 124.6
 192 20.0 15.6 23.4





#43

Isopropyl Acetate

Concen: 23.931 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027929.D

Acq: 02 Nov 2018 16:25

Instrument :

MSVOA_U

ClientSampleId :

TP-6

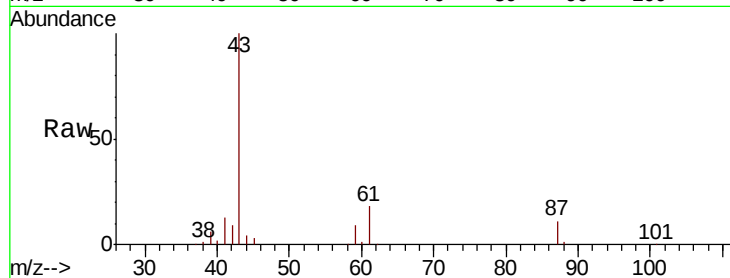
Tot Ion: 43 Resp: 191096

Ion Ratio Lower Upper

43 100

61 18.3 15.0 22.4

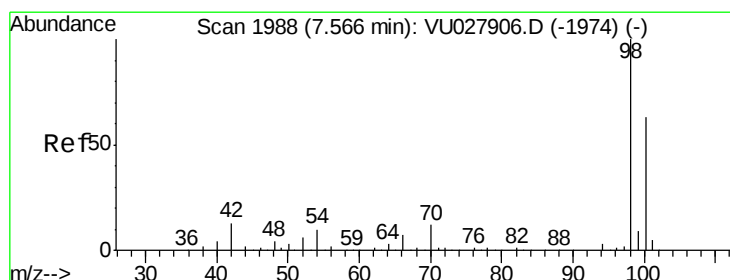
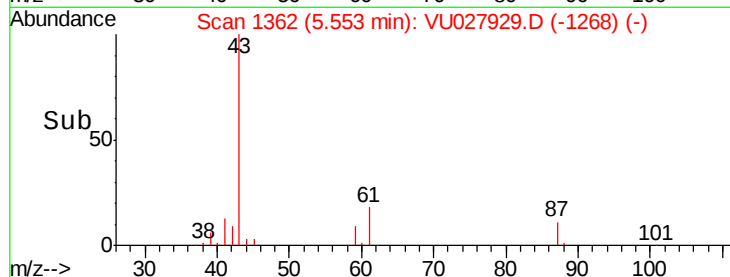
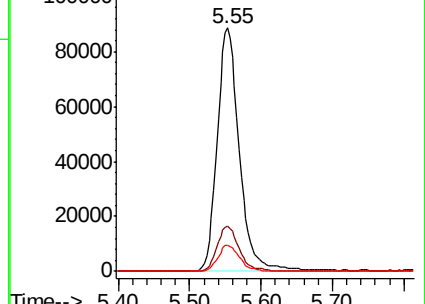
87 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)



#50

Toluene-d8

Concen: 52.145 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027929.D

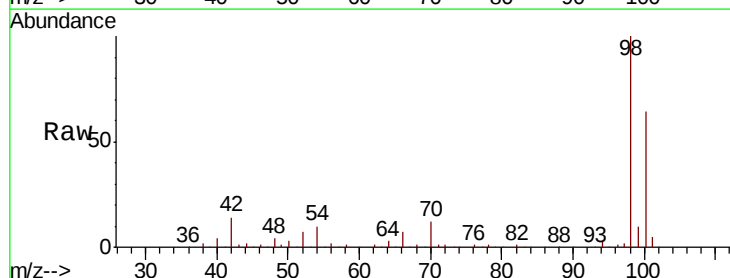
Acq: 02 Nov 2018 16:25

Tgt Ion: 98 Resp: 421825

Ion Ratio Lower Upper

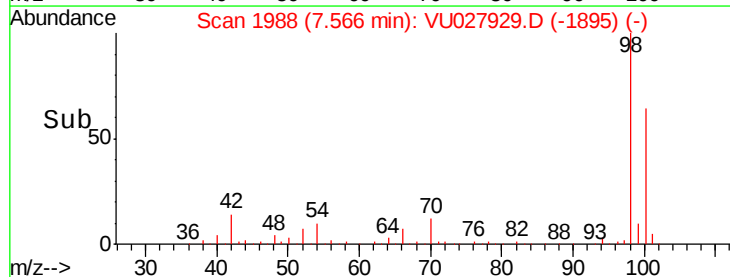
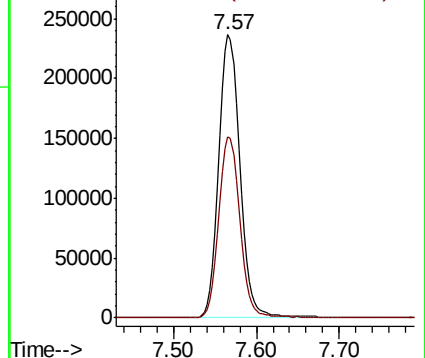
98 100

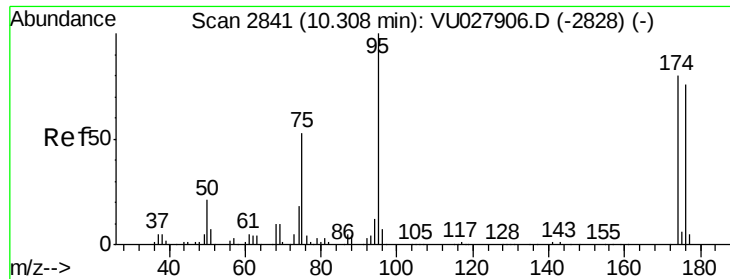
100 63.7 50.1 75.1



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

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

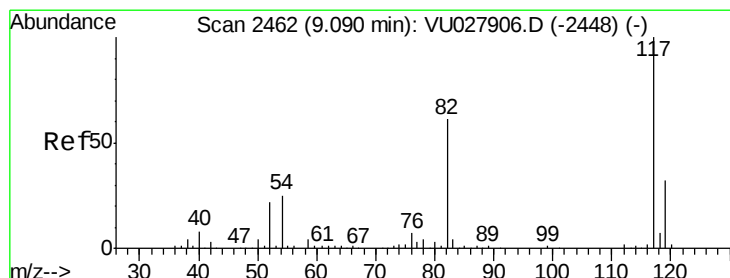
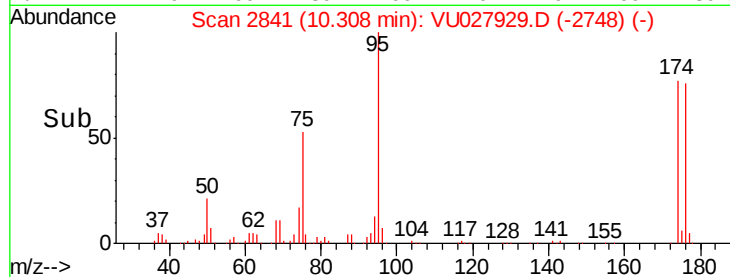
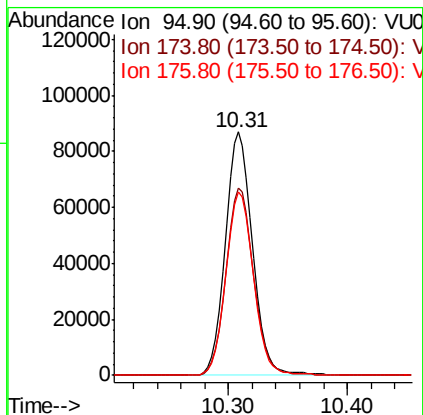
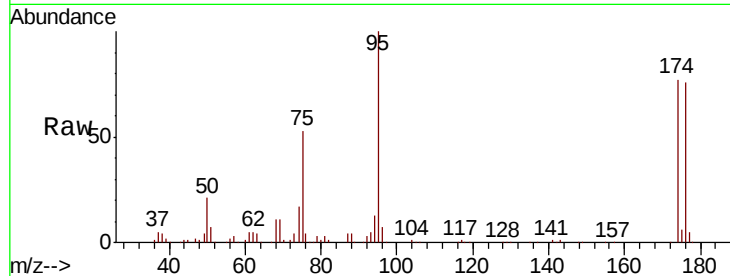




#62
4-Bromofluorobenzene
Concen: 46.013 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027929.D
Acq: 02 Nov 2018 16:25

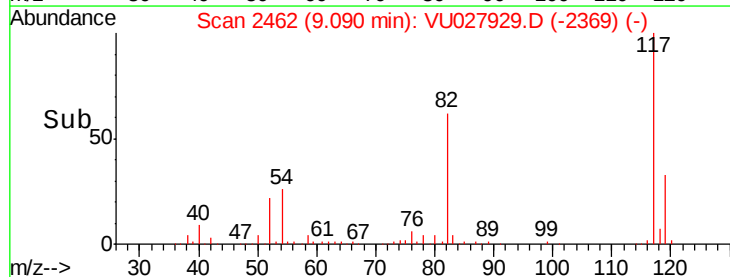
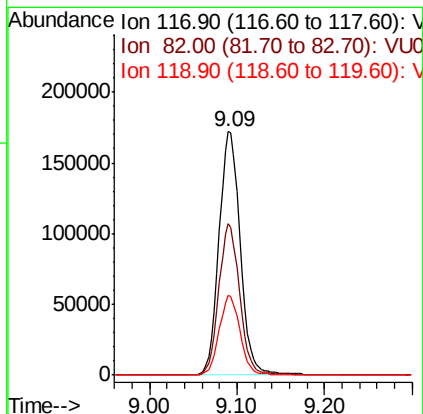
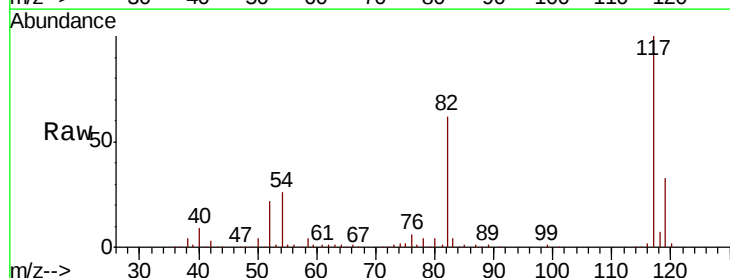
Instrument :
MSVOA_U
ClientSampleId :
TP-6

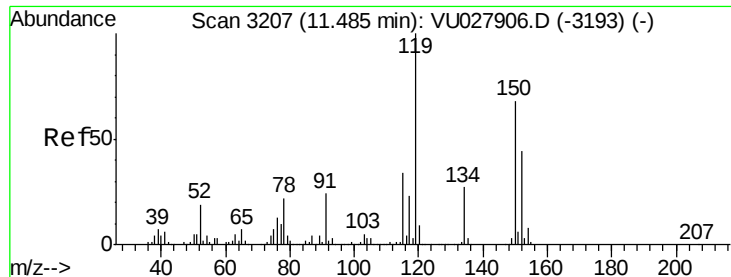
Tot Ion: 95 Resp: 137291
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.4
176 76.8 0.0 150.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027929.D
Acq: 02 Nov 2018 16:25

Tgt Ion: 117 Resp: 291051
Ion Ratio Lower Upper
117 100
82 62.1 48.6 73.0
119 32.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027929.D

Acq: 02 Nov 2018 16:25

Instrument :

MSVOA_U

ClientSampleId :

TP-6

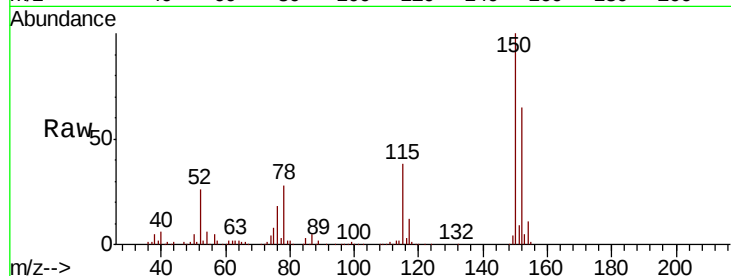
Tot Ion:152 Resp: 124351

Ion Ratio Lower Upper

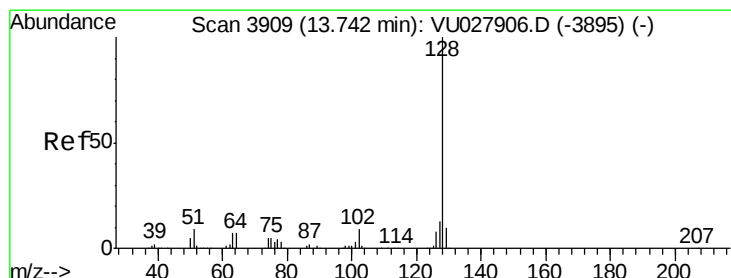
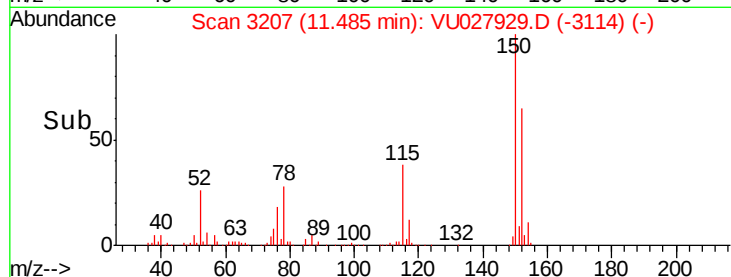
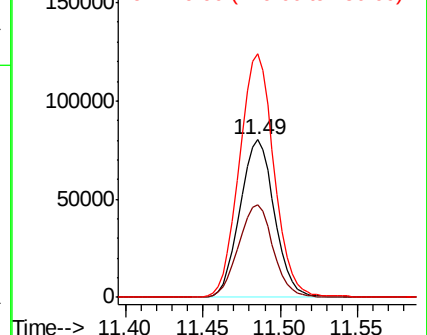
152 100

115 59.0 43.0 129.0

150 155.7 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



#95

Naphthalene

Concen: 27.373 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027929.D

Acq: 02 Nov 2018 16:25

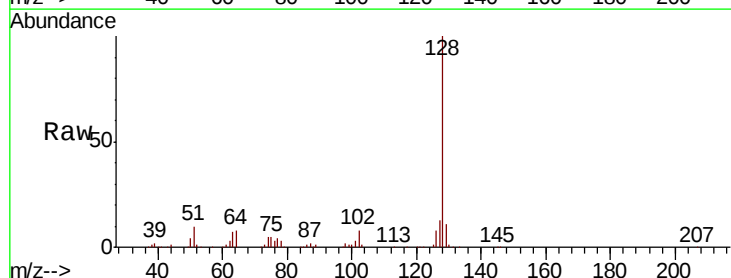
Tgt Ion:128 Resp: 280051

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.6 8.3 12.5



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

