

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025366.D
 Acq On : 13 Jul 2018 02:50
 Operator : MD/SY
 Sample : J3927-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CS-RBR-200031

Quant Time: Jul 13 05:21:11 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

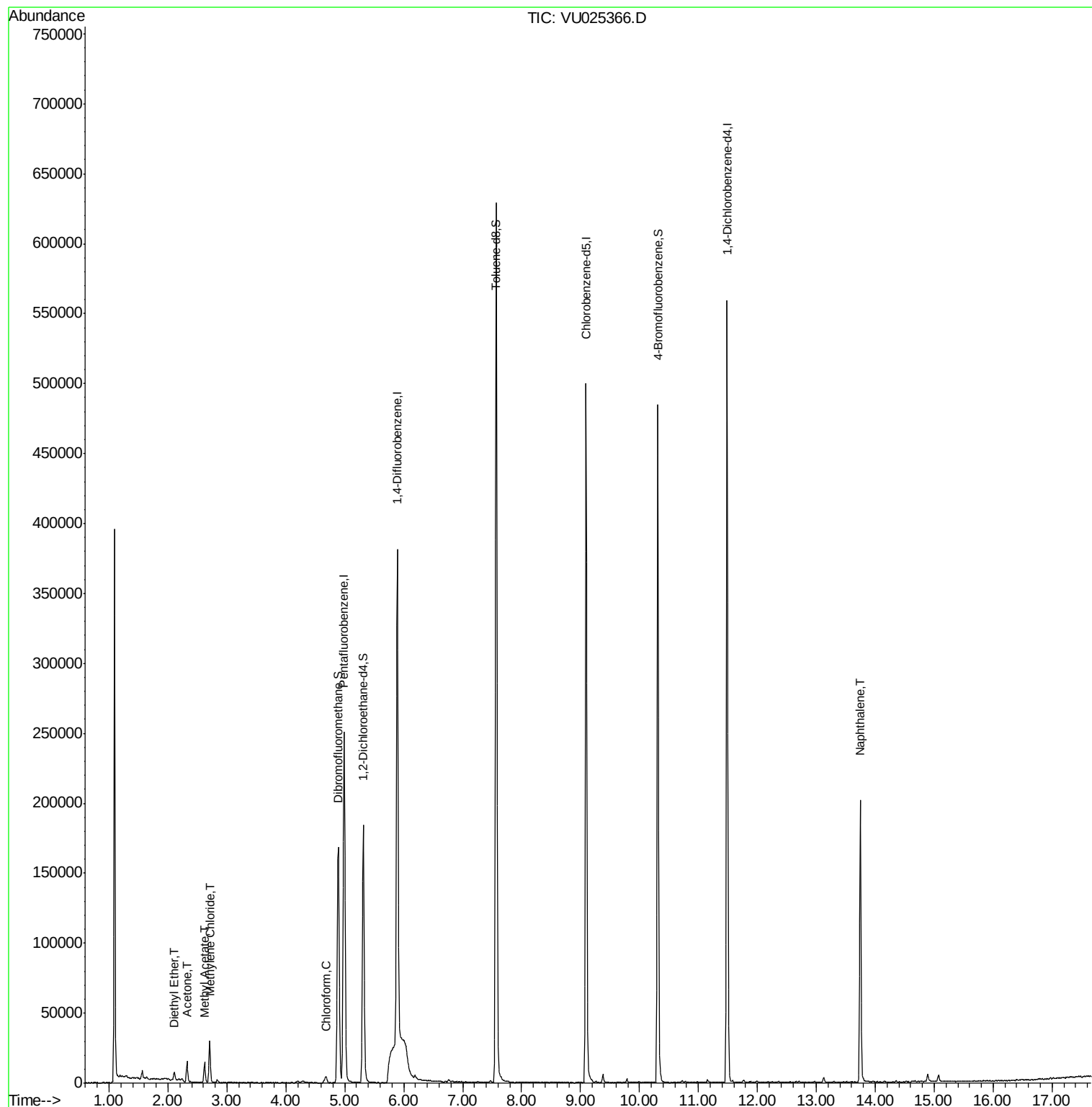
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	298205	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	275720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	150602	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	4.89	113	114247	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
50) Toluene-d8	7.57	98	423541	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	10.31	95	158685	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds						
8) Diethyl Ether	2.10	74	1830	1.408	ug/l	96
16) Acetone	2.32	43	15341	14.661	ug/l	94
18) Methyl Acetate	2.62	43	17773	5.767	ug/l	96
20) Methylene Chloride	2.71	84	13206	6.285	ug/l	91
30) Chloroform	4.69	83	4545	1.046	ug/l	94
95) Naphthalene	13.75	128	163903	16.964	ug/l	99

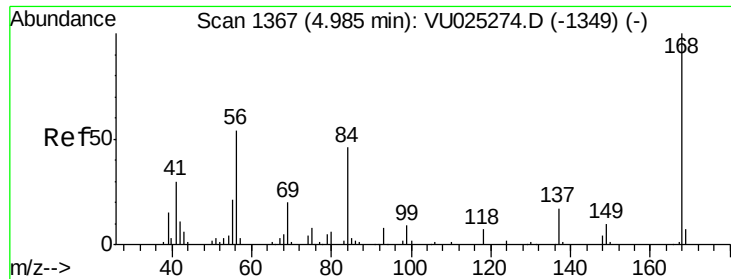
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

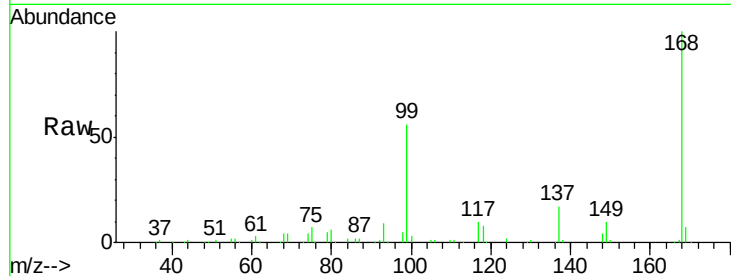
CS-RBR-200031

Tot Ion:168 Resp: 193734

Ion Ratio Lower Upper

168 100

99 56.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

80000

60000

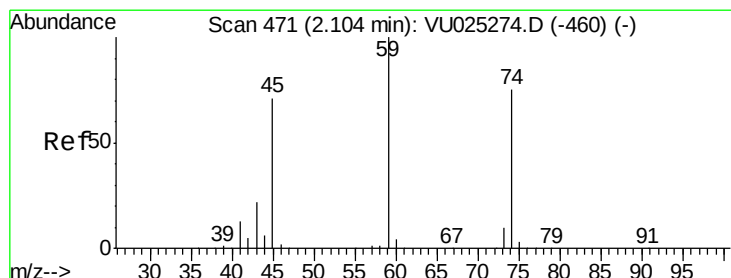
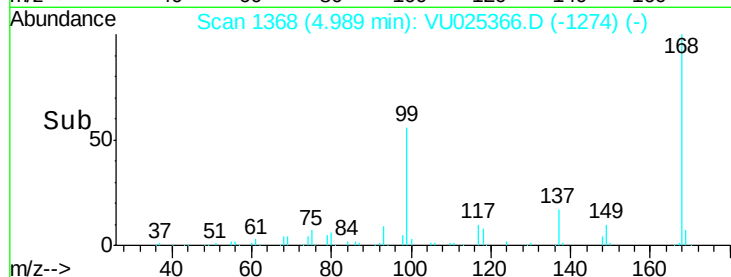
40000

20000

0

4.90 5.00 5.10

Time-->



#8

Diethyl Ether

Concen: 1.408 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025366.D

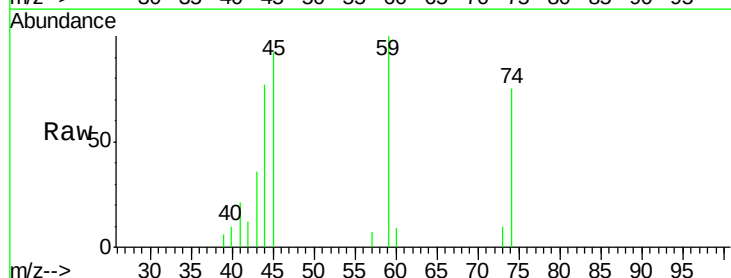
Acq: 13 Jul 2018 02:50

Tgt Ion: 74 Resp: 1830

Ion Ratio Lower Upper

74 100

45 100.2 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VU025274.D (-460) (-)

Ion 45.00 (44.70 to 45.70): VU025274.D (-460) (-)

2.10

1500

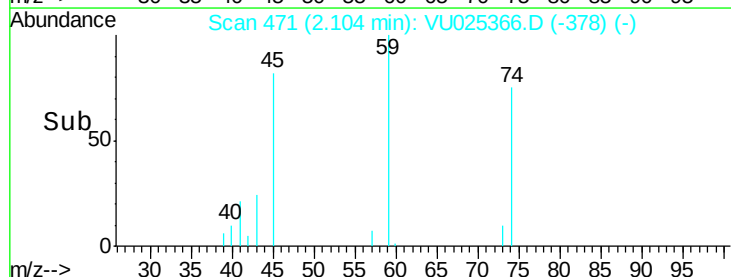
1000

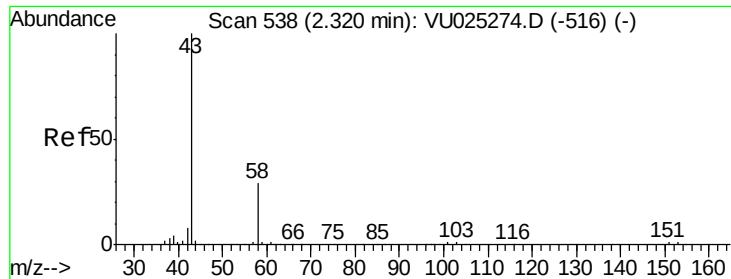
500

0

2.10 2.15

Time-->





#16

Acetone

Concen: 14.661 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

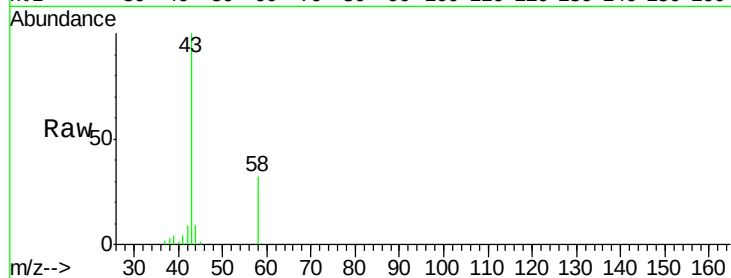
CS-RBR-200031

Tot Ion: 43 Resp: 15341

Ion Ratio Lower Upper

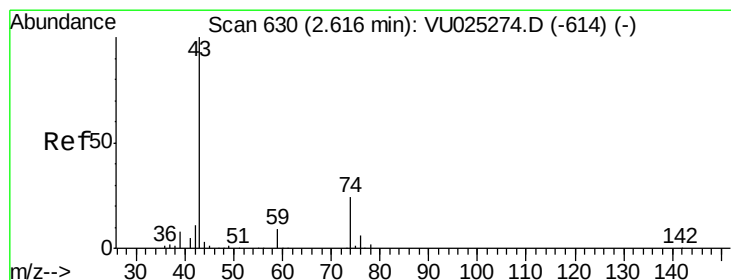
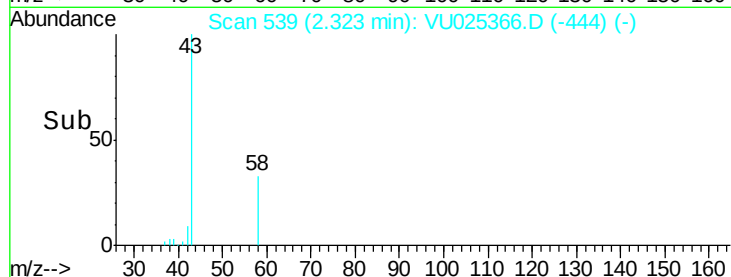
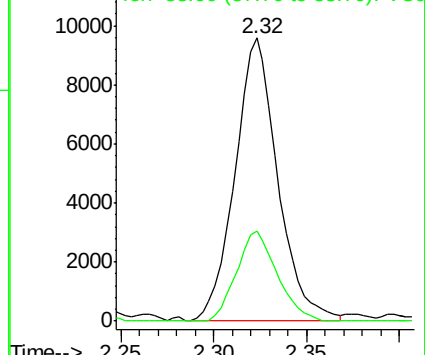
43 100

58 31.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 5.767 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025366.D

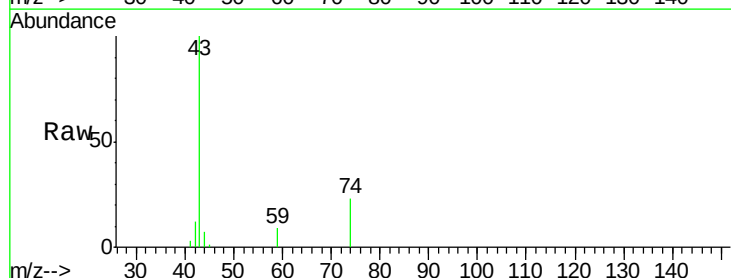
Acq: 13 Jul 2018 02:50

Tgt Ion: 43 Resp: 17773

Ion Ratio Lower Upper

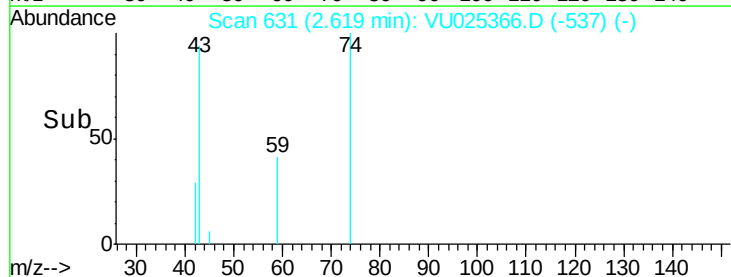
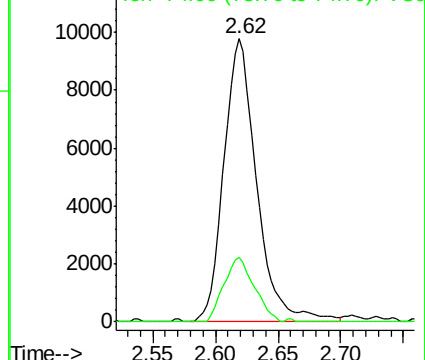
43 100

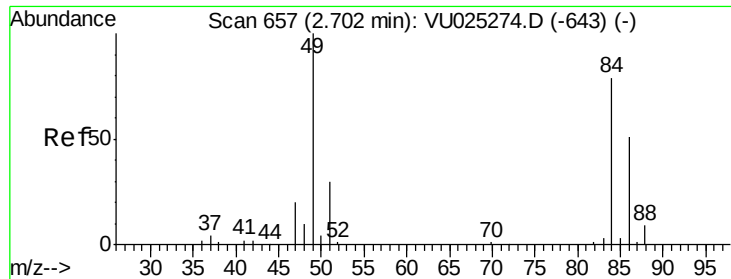
74 21.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

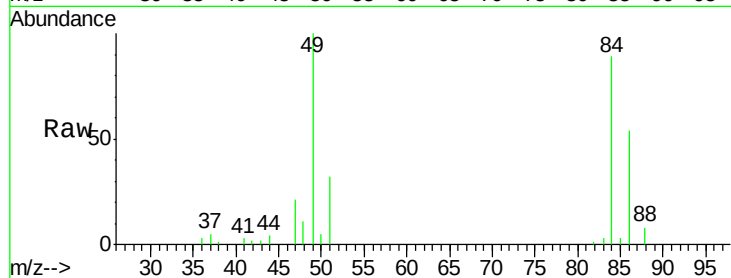




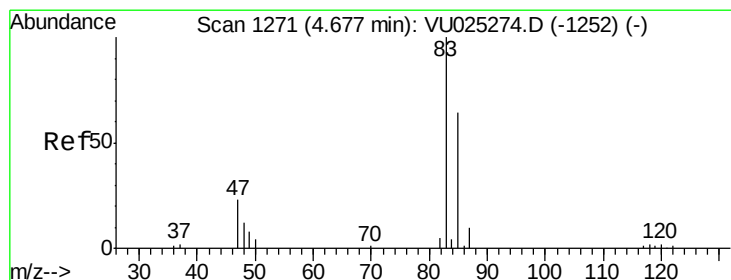
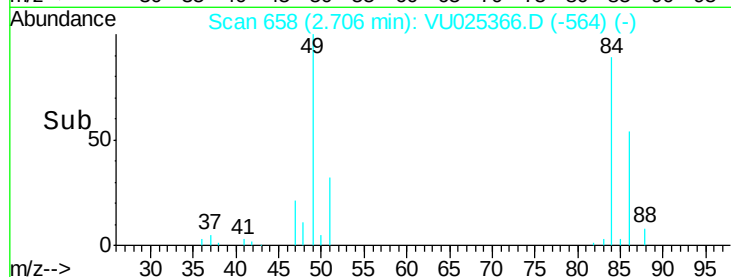
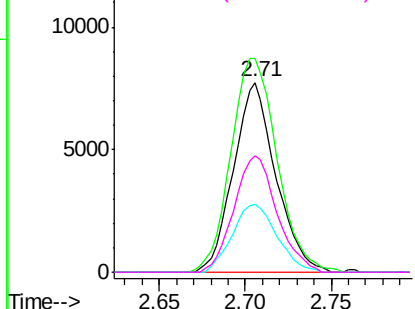
#20
Methylene Chloride
Concen: 6.285 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Instrument :
MSVOA_U
ClientSampleId :
CS-RBR-200031

Tot Ion: 84 Resp: 13206
Ion Ratio Lower Upper
84 100
49 112.5 101.8 152.6
51 35.4 30.8 46.2
86 61.3 51.9 77.9

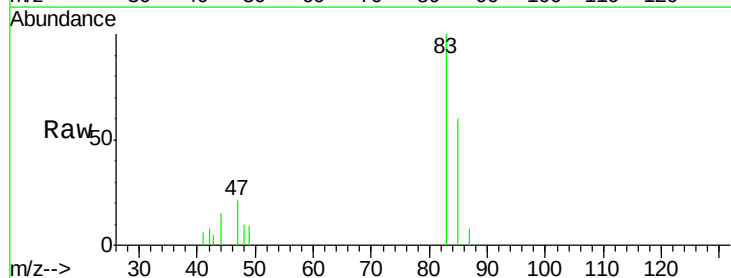


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

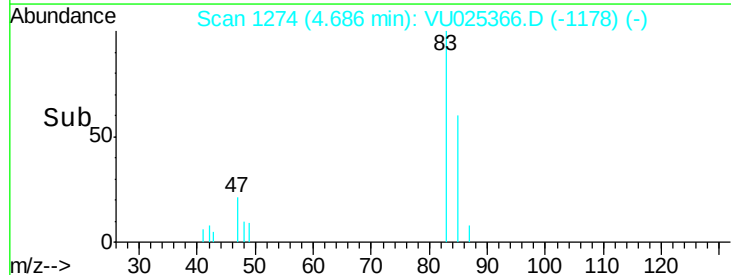
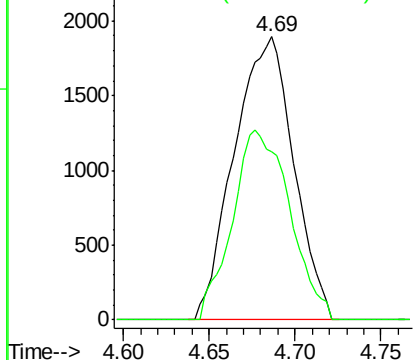


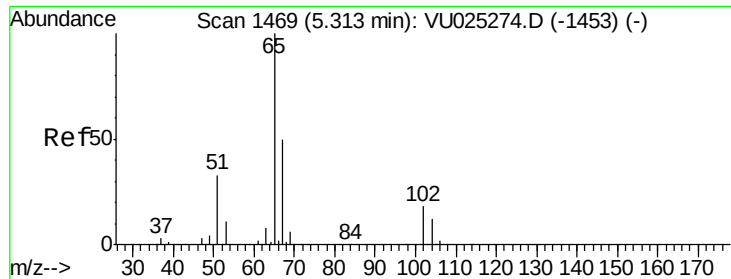
#30
Chloroform
Concen: 1.046 ug/l
RT: 4.69 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Tgt Ion: 83 Resp: 4545
Ion Ratio Lower Upper
83 100
85 59.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

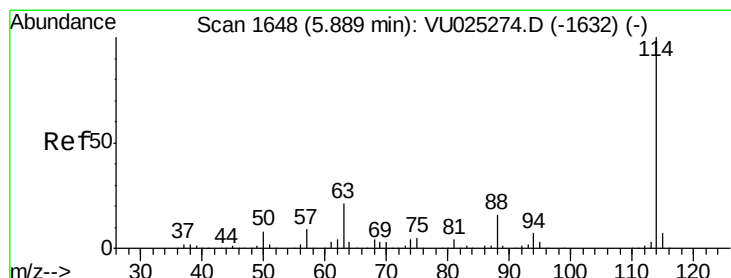
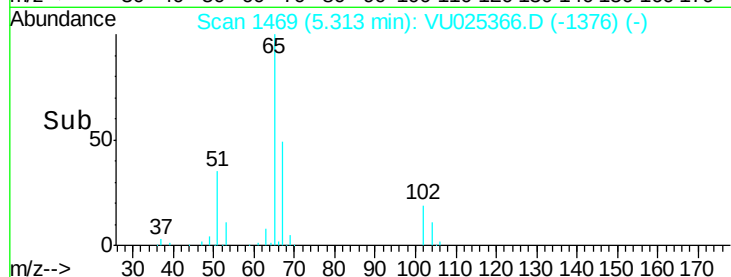
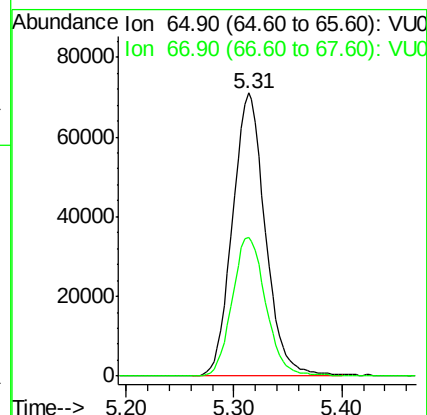
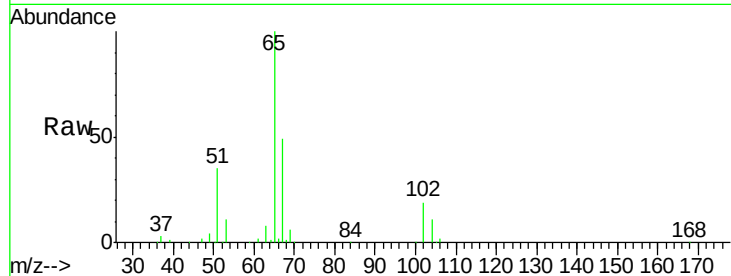




#33
 1,2-Dichloroethane-d4
 Concen: 50.035 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025366.D
 Acq: 13 Jul 2018 02:50

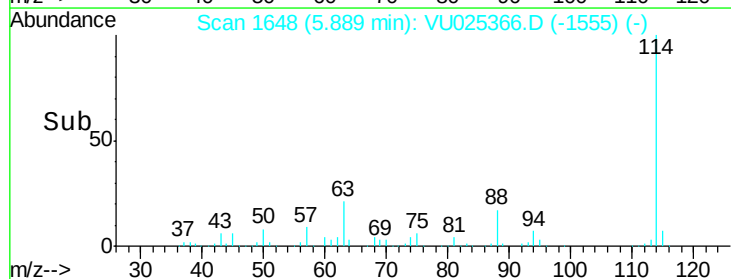
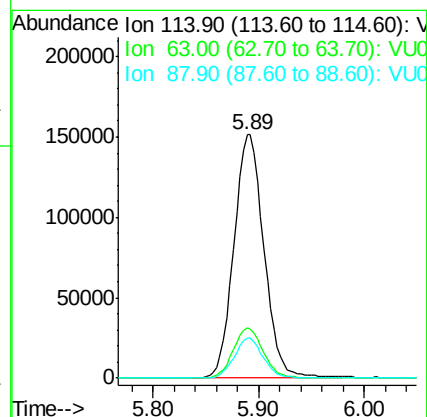
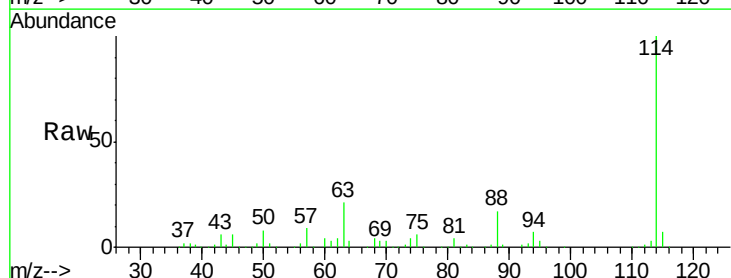
Instrument :
 MSVOA_U
 ClientSampleId :
 CS-RBR-200031

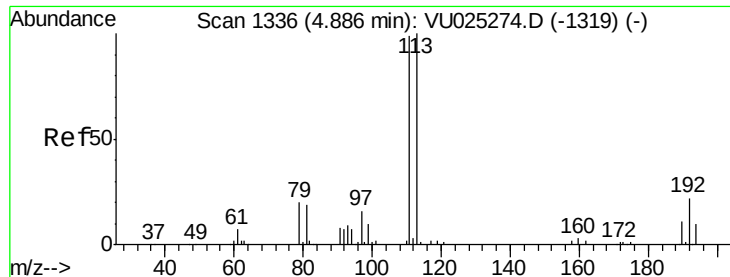
Tot Ion: 65 Resp: 150602
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025366.D
 Acq: 13 Jul 2018 02:50

Tgt Ion: 114 Resp: 298205
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.6
 88 16.5 0.0 32.4

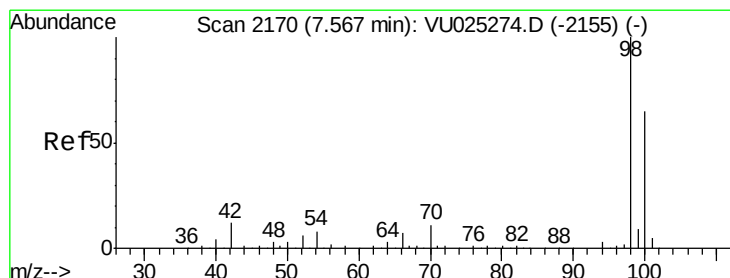
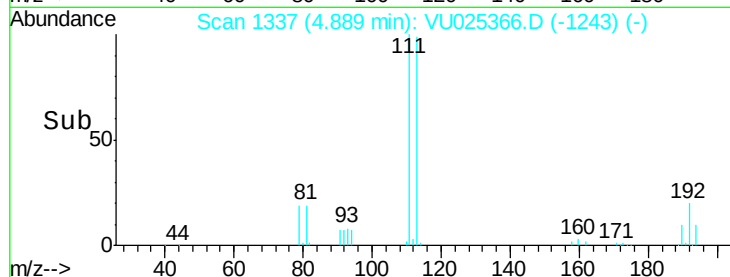
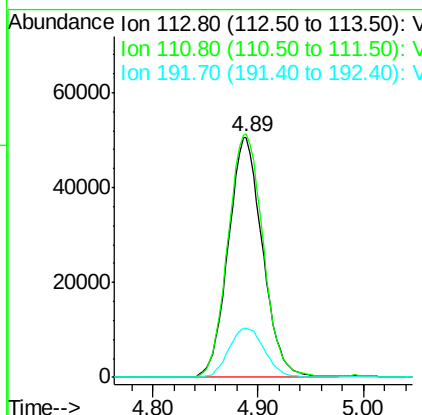
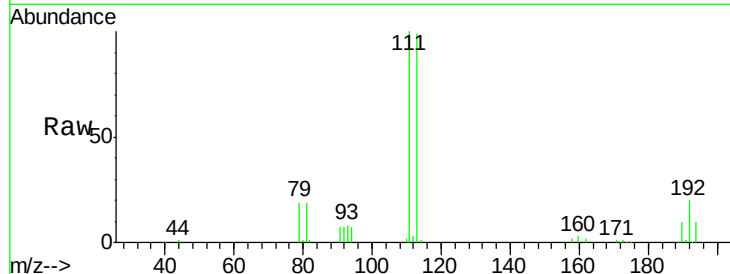




#35
 Dibromofluoromethane
 Concen: 45.415 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025366.D
 Acq: 13 Jul 2018 02:50

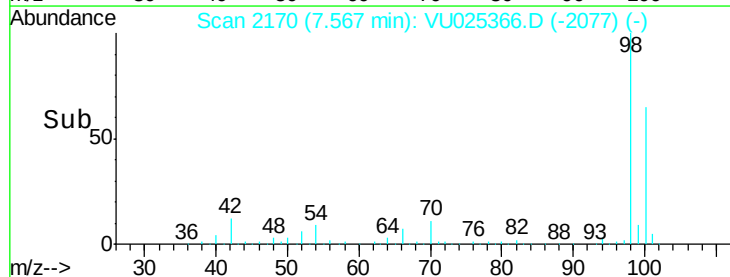
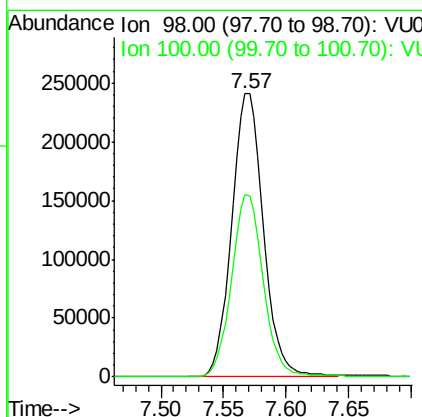
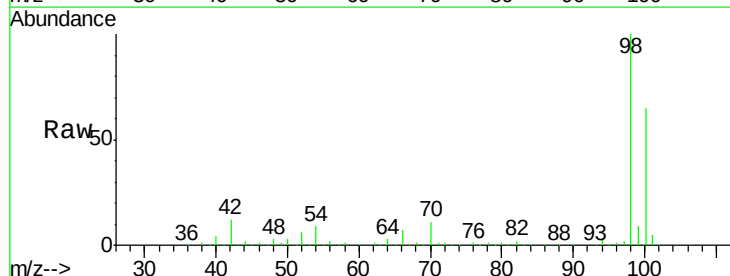
Instrument :
 MSVOA_U
 ClientSampleId :
 CS-RBR-200031

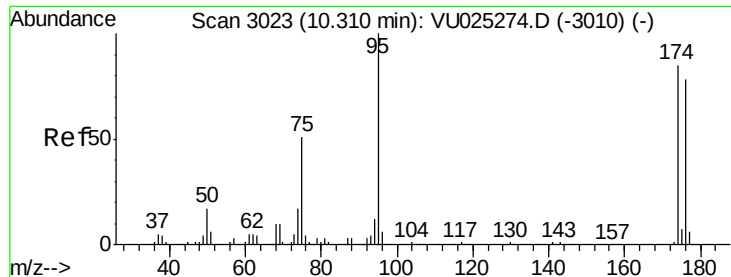
Tot Ion:113 Resp: 114247
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.7 122.5
 192 21.4 17.1 25.7



#50
 Toluene-d8
 Concen: 49.167 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025366.D
 Acq: 13 Jul 2018 02:50

Tgt Ion: 98 Resp: 423541
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 45.755 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CS-RBR-200031

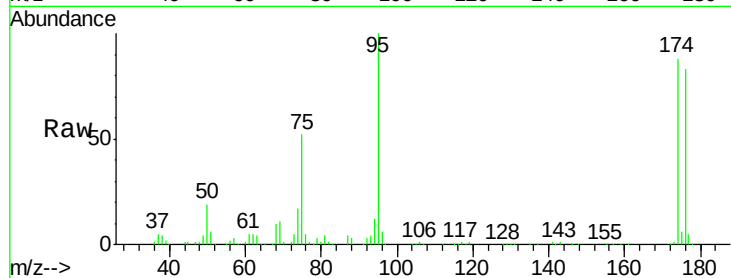
Tot Ion: 95 Resp: 158685

Ion Ratio Lower Upper

95 100

174 85.5 0.0 172.2

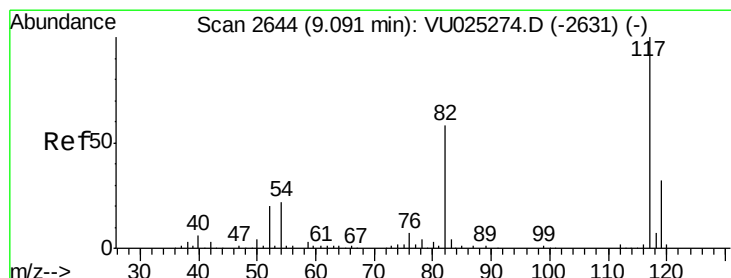
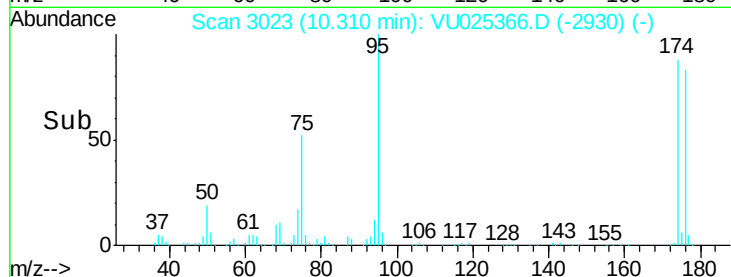
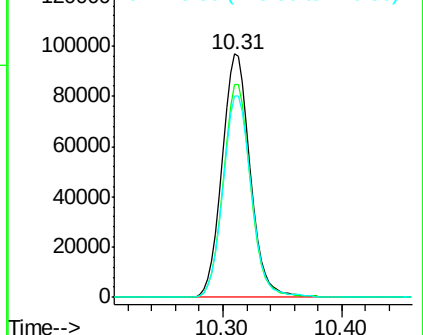
176 83.3 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

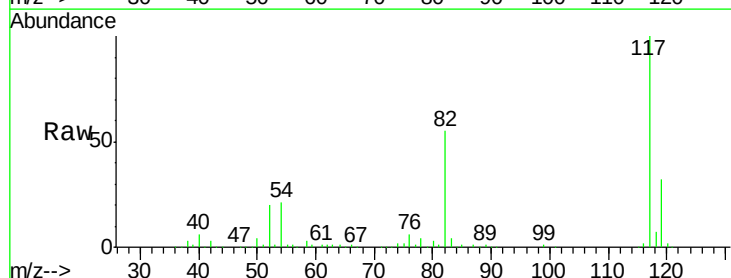
Tgt Ion: 117 Resp: 275720

Ion Ratio Lower Upper

117 100

82 55.2 46.0 69.0

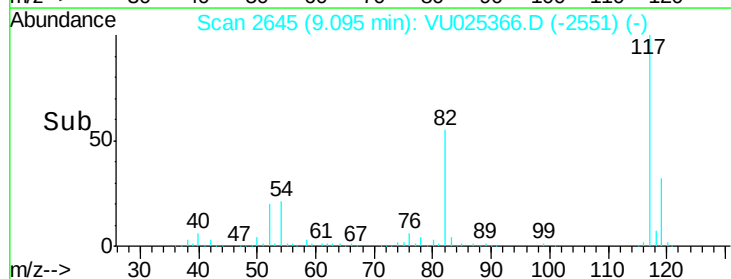
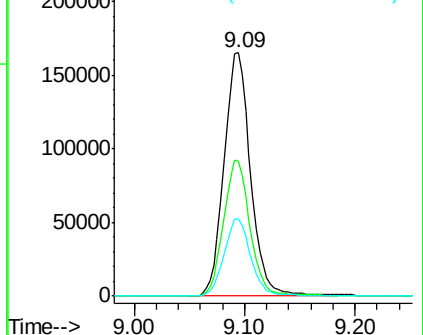
119 31.8 26.0 39.0

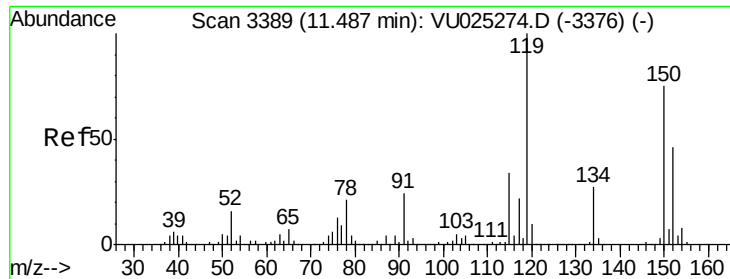


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CS-RBR-200031

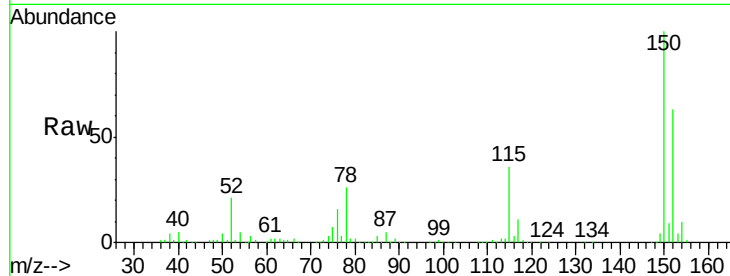
Tot Ion:152 Resp: 146009

Ion Ratio Lower Upper

152 100

115 57.4 40.1 120.3

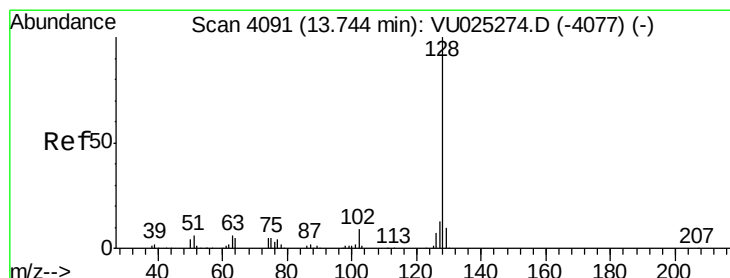
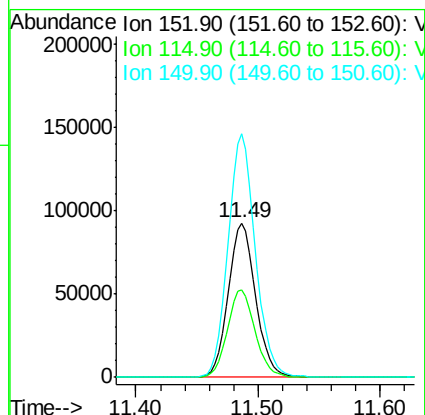
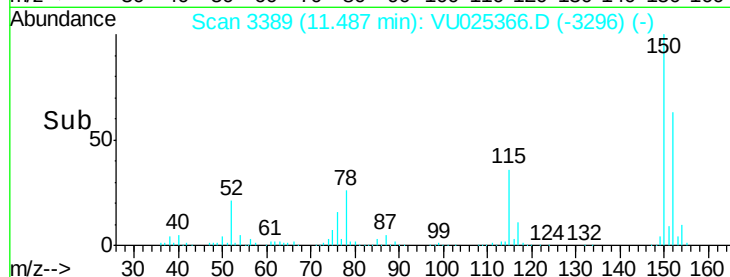
150 157.3 0.0 351.4



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: 16.964 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

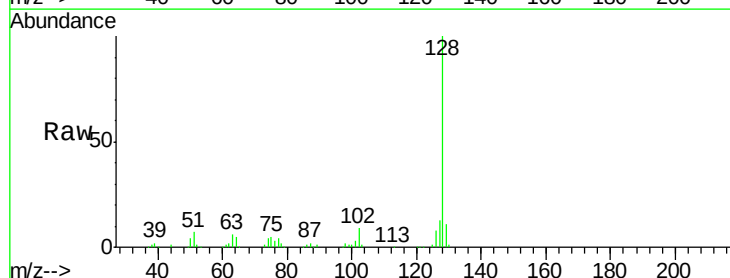
Tgt Ion:128 Resp: 163903

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.3 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

