

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027384.D
 Acq On : 04 Oct 2018 02:31
 Operator : MD/SY
 Sample : J5218-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 280-356

Quant Time: Oct 04 08:24:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

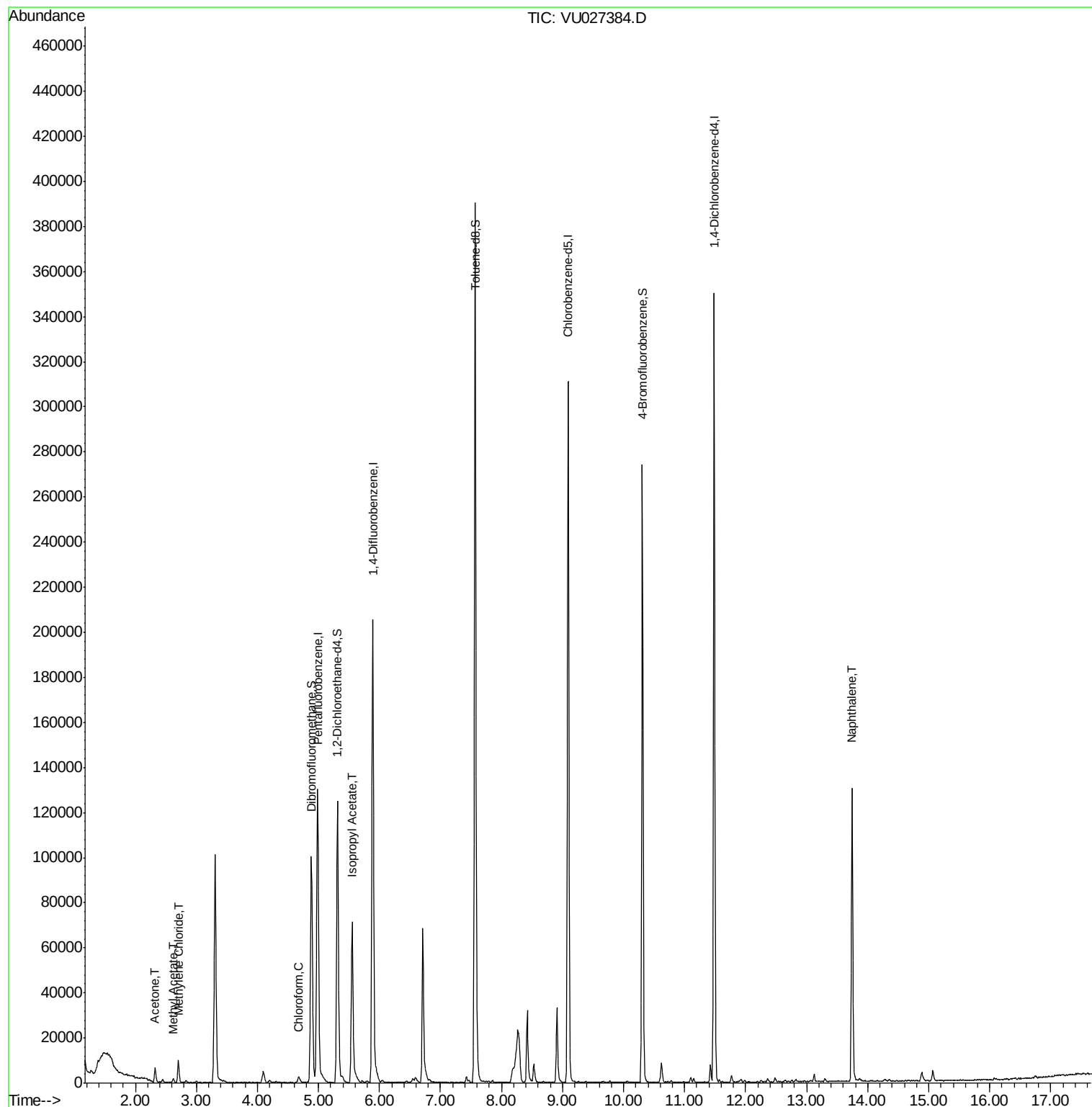
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	91682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	167685	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	163312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	83311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	101520	66.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.62%	
35) Dibromofluoromethane	4.88	113	69102	60.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.26%	
50) Toluene-d8	7.57	98	258051	60.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.00%	
62) 4-Bromofluorobenzene	10.31	95	87152	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
Target Compounds						
					Qvalue	
16) Acetone	2.32	43	7293	8.064	ug/l	100
18) Methyl Acetate	2.62	43	2221	1.076	ug/l	94
20) Methylene Chloride	2.70	84	3924	3.115	ug/l	96
30) Chloroform	4.68	83	2338	1.095	ug/l	95
43) Isopropyl Acetate	5.55	43	86352	23.629	ug/l	99
95) Naphthalene	13.75	128	100465	17.081	ug/l	99

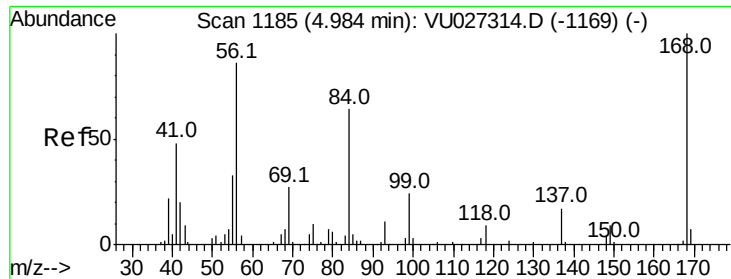
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027384.D

Acq: 04 Oct 2018 02:31

Instrument :

MSVOA_U

ClientSampleId :

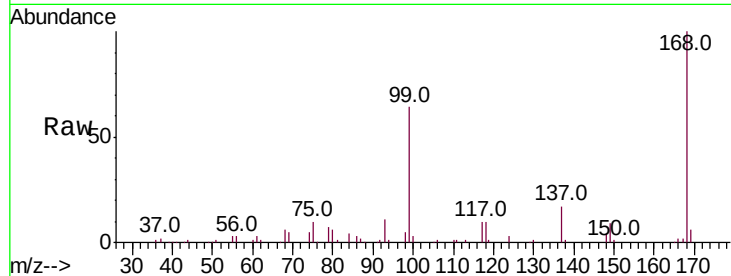
280-356

Tot Ion:168 Resp: 91682

Ion Ratio Lower Upper

168 100

99 64.1 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

40000

30000

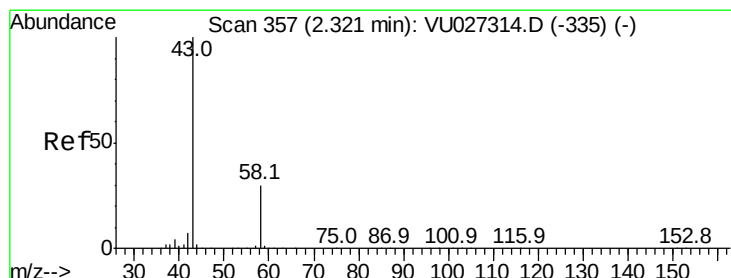
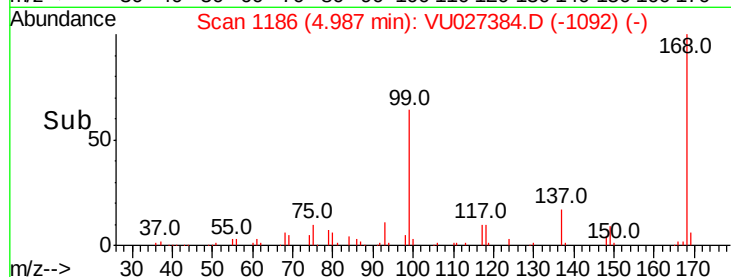
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 8.064 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027384.D

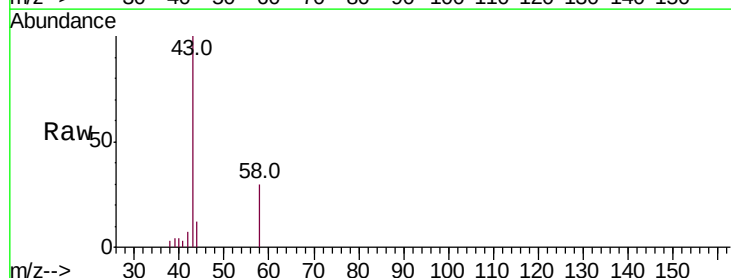
Acq: 04 Oct 2018 02:31

Tgt Ion: 43 Resp: 7293

Ion Ratio Lower Upper

43 100

58 30.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

5000

4000

3000

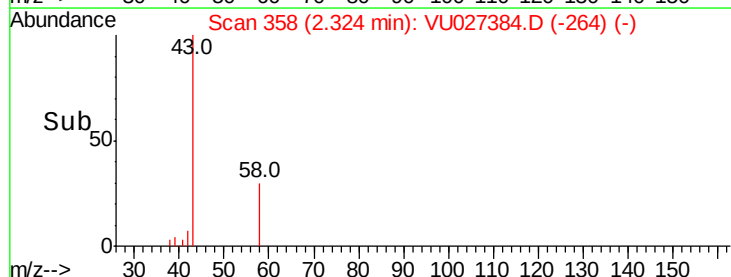
2000

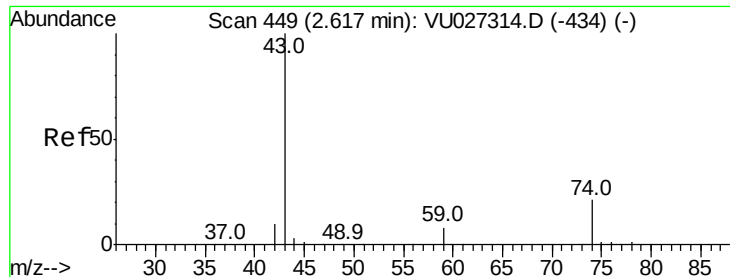
1000

0

2.25 2.30 2.35 2.40

Time-->

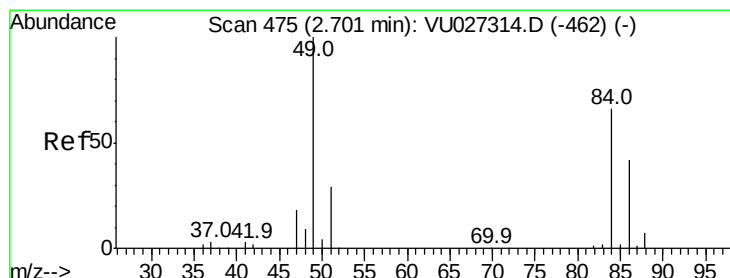
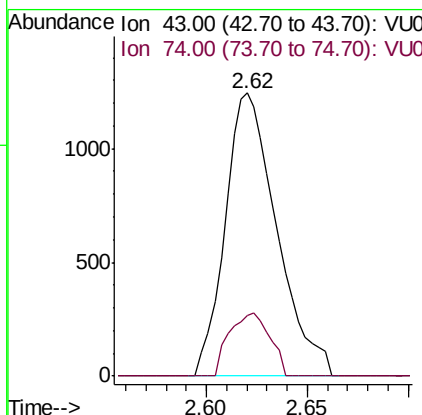
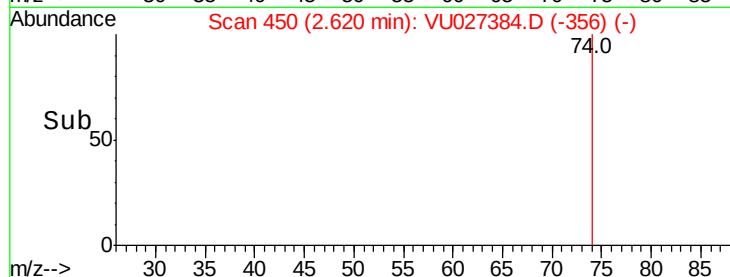
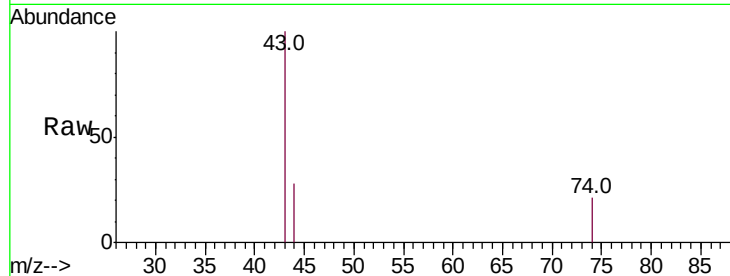




#18
Methyl Acetate
Concen: 1.076 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027384.D
Acq: 04 Oct 2018 02:31

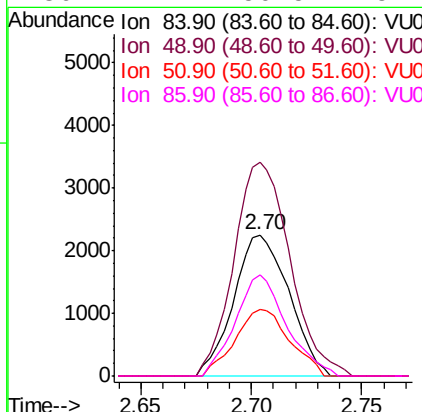
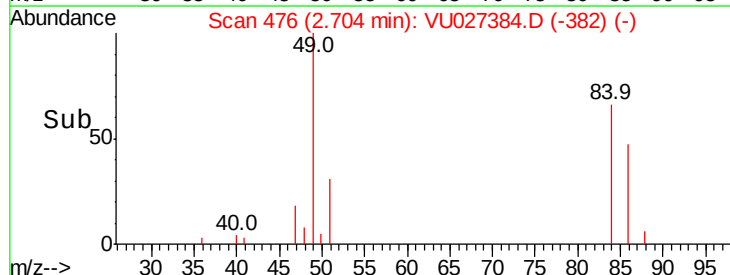
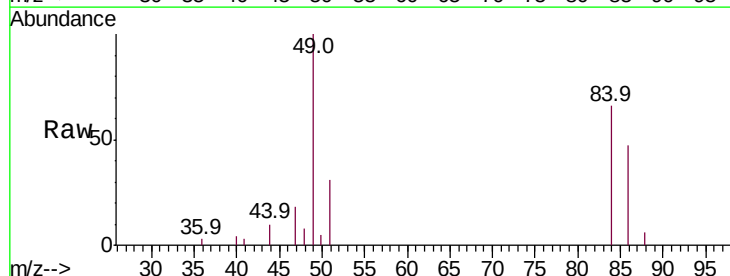
Instrument :
MSVOA_U
ClientSampleId :
280-356

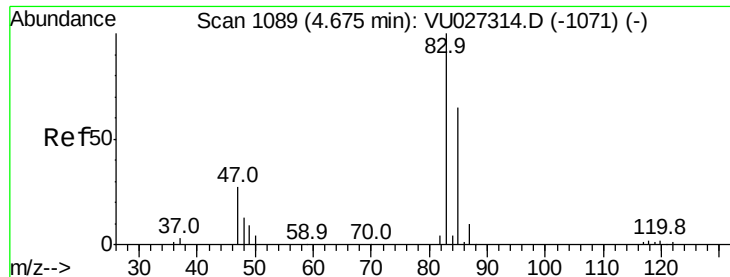
Tot Ion: 43 Resp: 2221
Ion Ratio Lower Upper
43 100
74 17.7 16.5 24.7



#20
Methylene Chloride
Concen: 3.115 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027384.D
Acq: 04 Oct 2018 02:31

Tgt Ion: 84 Resp: 3924
Ion Ratio Lower Upper
84 100
49 151.1 120.5 180.7
51 47.1 35.1 52.7
86 71.7 50.5 75.7

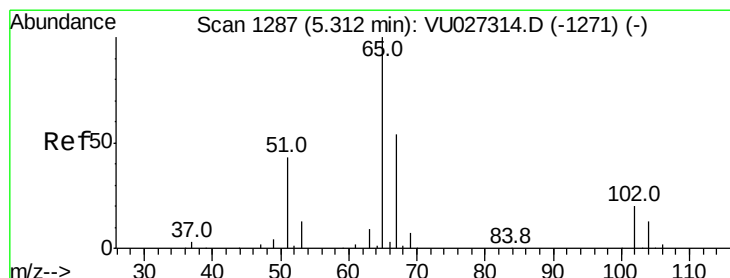
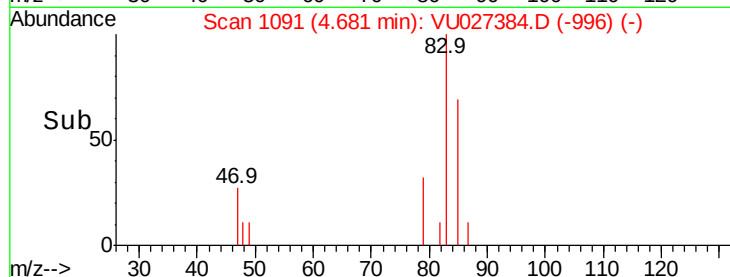
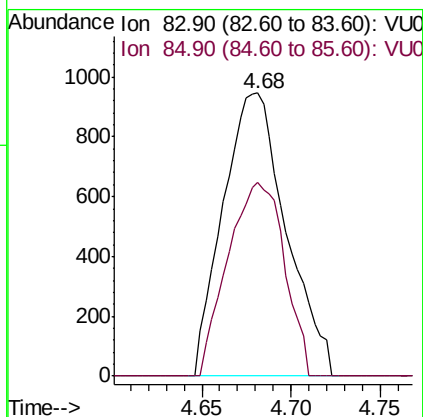
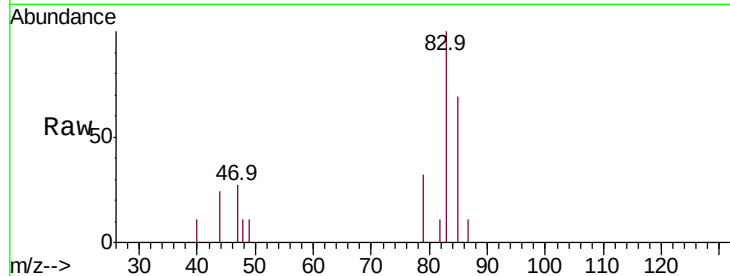




#30
Chloroform
Concen: 1.095 ug/l
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU027384.D
Acq: 04 Oct 2018 02:31

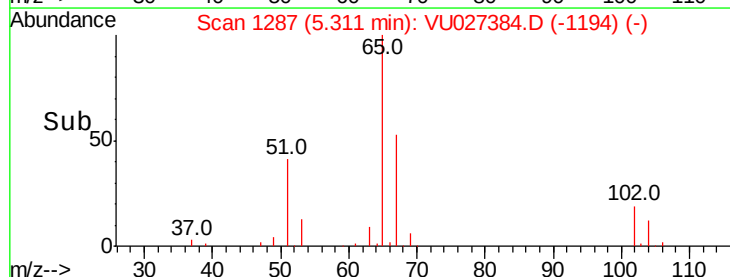
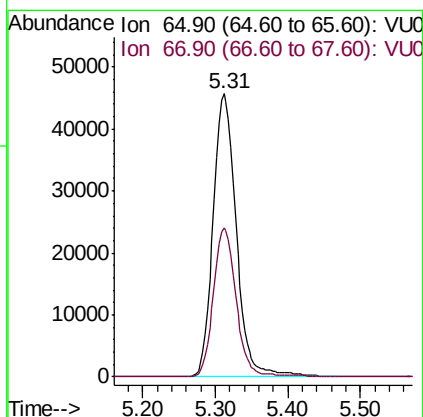
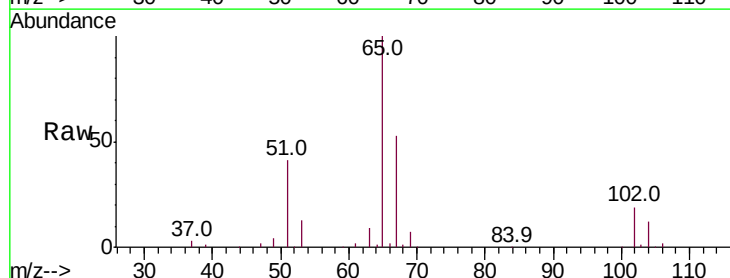
Instrument :
MSVOA_U
ClientSampleId :
280-356

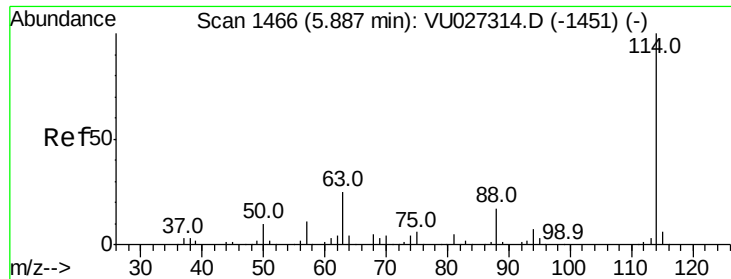
Tot Ion: 83 Resp: 2338
Ion Ratio Lower Upper
83 100
85 68.6 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 66.313 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027384.D
Acq: 04 Oct 2018 02:31

Tgt Ion: 65 Resp: 101520
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.8

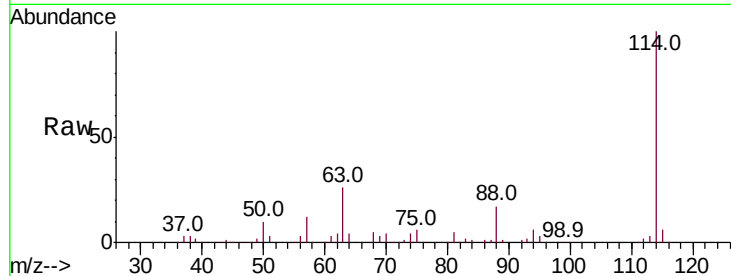




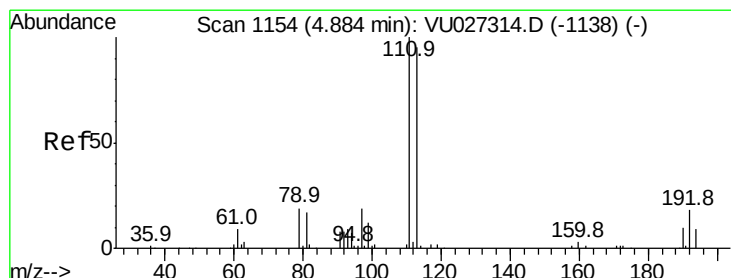
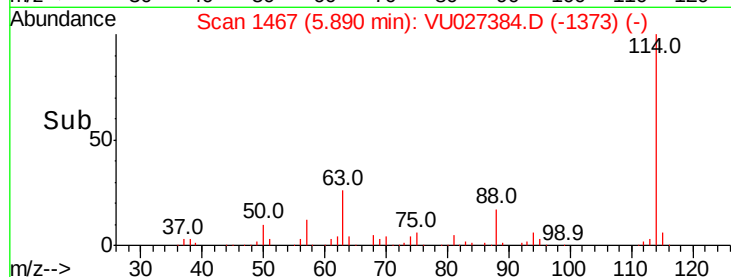
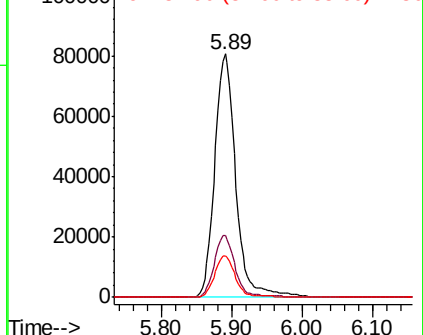
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027384.D
 Acq: 04 Oct 2018 02:31

Instrument :
 MSVOA_U
 ClientSampled :
 280-356

Tot Ion:114 Resp: 167685
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 50.2
 88 17.2 0.0 33.8

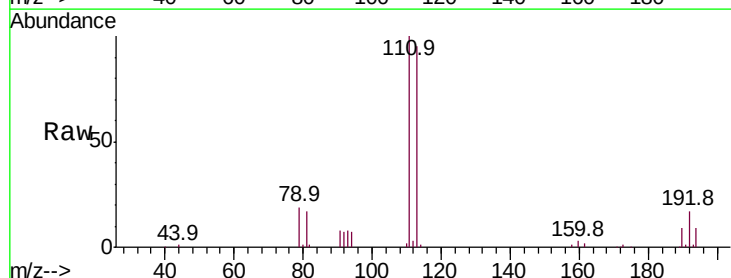


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

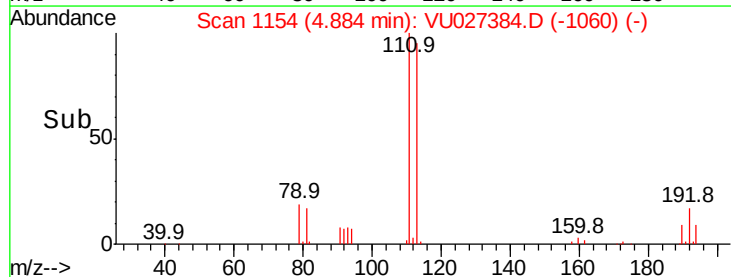
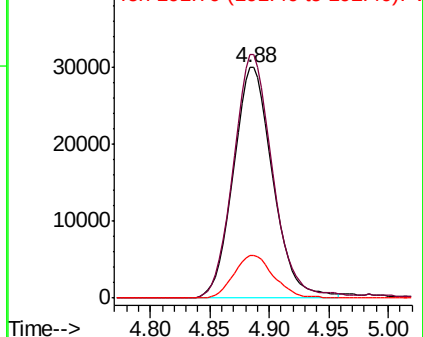


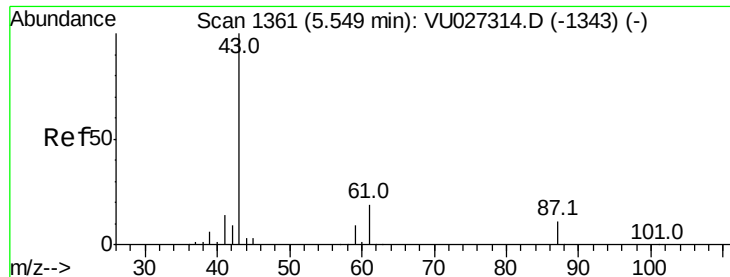
#35
 Dibromofluoromethane
 Concen: 60.131 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027384.D
 Acq: 04 Oct 2018 02:31

Tgt Ion:113 Resp: 69102
 Ion Ratio Lower Upper
 113 100
 111 105.2 83.1 124.7
 192 18.7 15.4 23.0



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: 23.629 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027384.D

Acq: 04 Oct 2018 02:31

Instrument :

MSVOA_U

ClientSampleId :

280-356

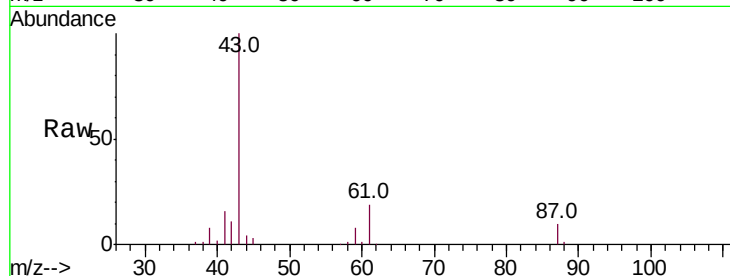
Tot Ion: 43 Resp: 86352

Ion Ratio Lower Upper

43 100

61 19.0 15.3 22.9

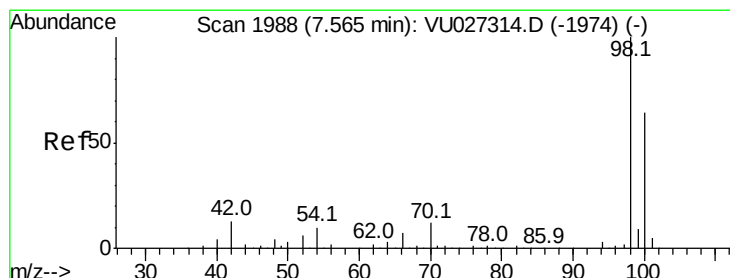
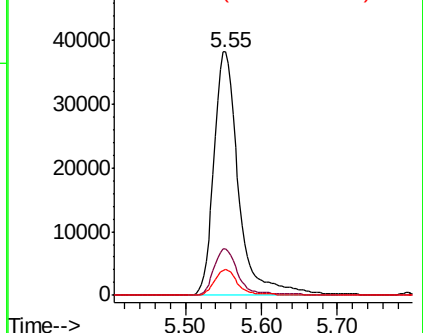
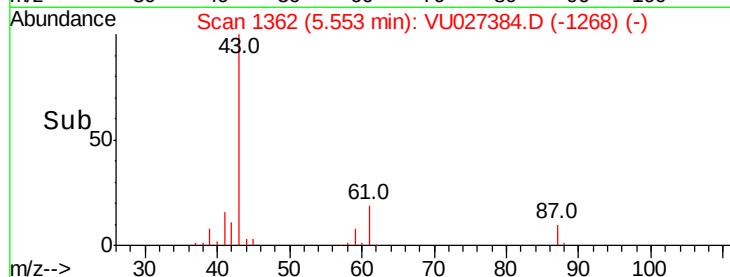
87 9.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#50

Toluene-d8

Concen: 59.997 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027384.D

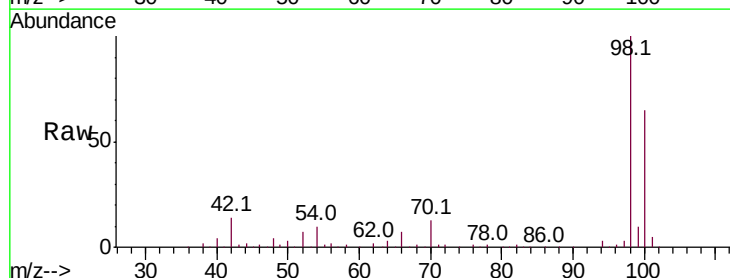
Acq: 04 Oct 2018 02:31

Tgt Ion: 98 Resp: 258051

Ion Ratio Lower Upper

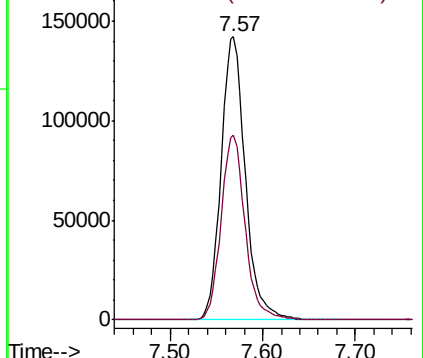
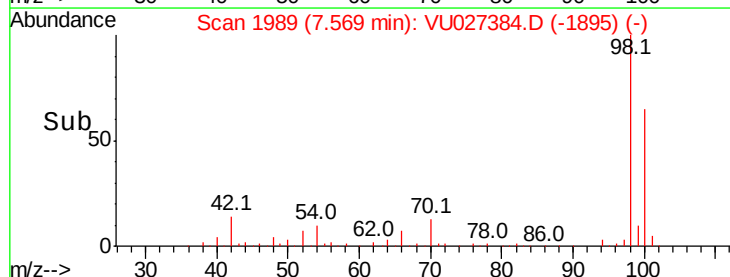
98 100

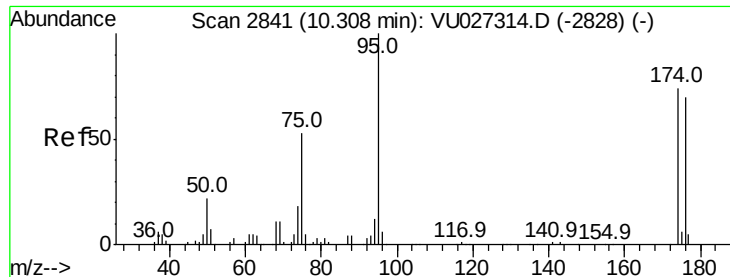
100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 54.523 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027384.D

Acq: 04 Oct 2018 02:31

Instrument :

MSVOA_U

ClientSampleId :

280-356

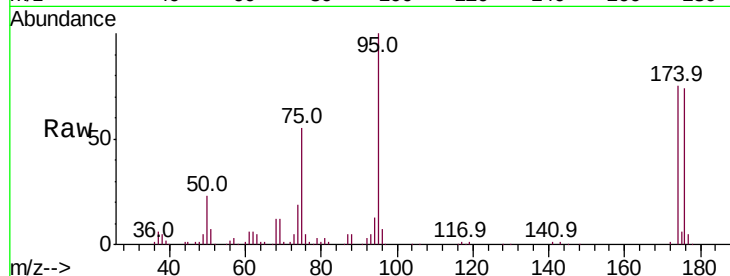
Tot Ion: 95 Resp: 87152

Ion Ratio Lower Upper

95 100

174 76.9 0.0 147.8

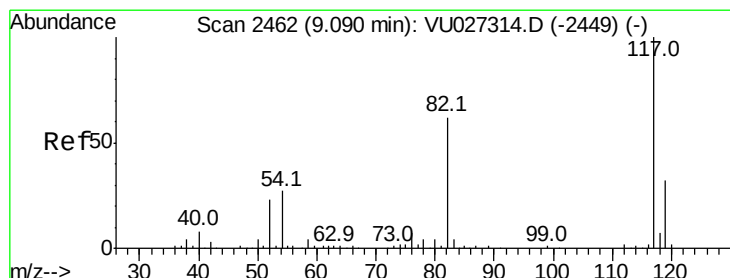
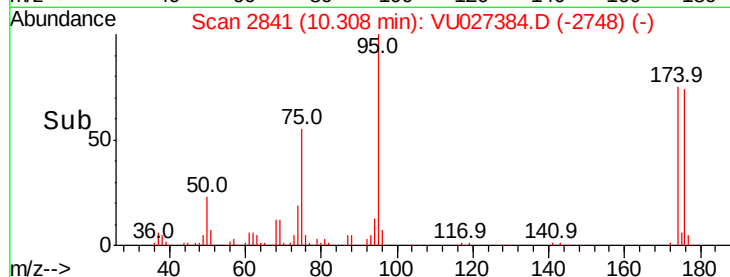
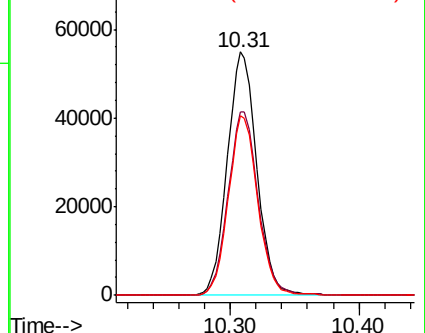
176 73.1 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027384.D

Acq: 04 Oct 2018 02:31

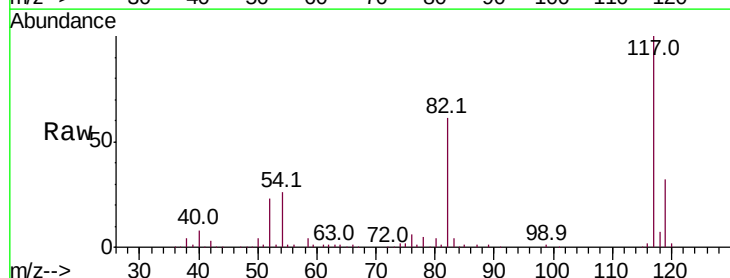
Tgt Ion: 117 Resp: 163312

Ion Ratio Lower Upper

117 100

82 60.7 49.2 73.8

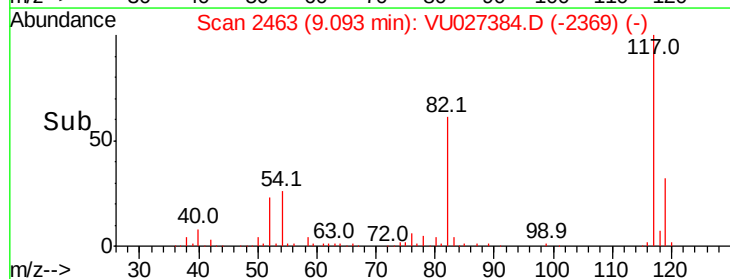
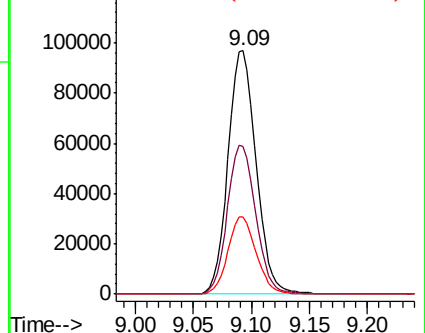
119 31.9 25.7 38.5

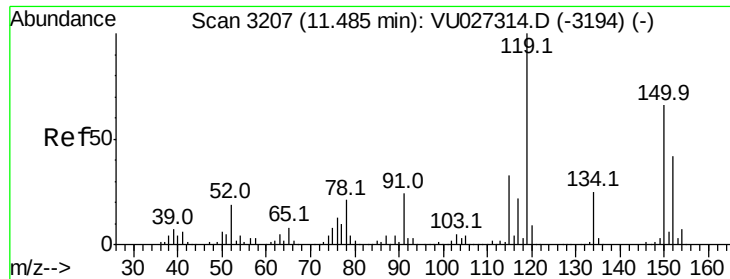


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027384.D

Acq: 04 Oct 2018 02:31

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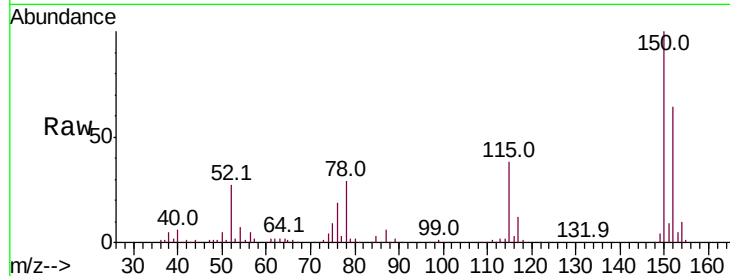
Tot Ion:152 Resp: 83311

Ion Ratio Lower Upper

152 100

115 61.6 43.4 130.2

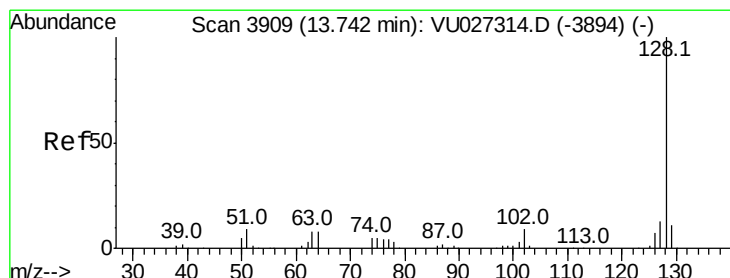
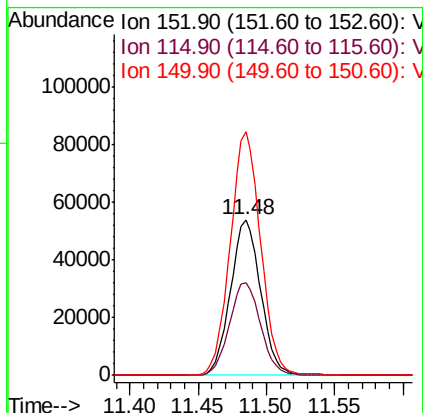
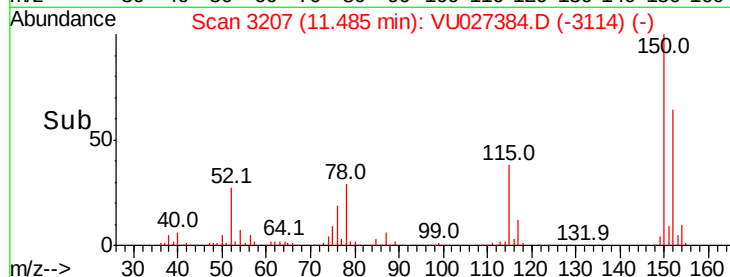
150 157.0 0.0 349.2



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: 17.081 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027384.D

Acq: 04 Oct 2018 02:31

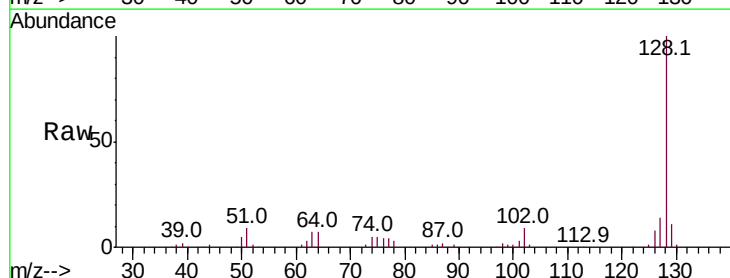
Tgt Ion:128 Resp: 100465

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 11.1 8.6 12.8



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

