

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007297.D
 Acq On : 29 Jan 2019 19:15
 Operator : JC/SP
 Sample : K1010-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

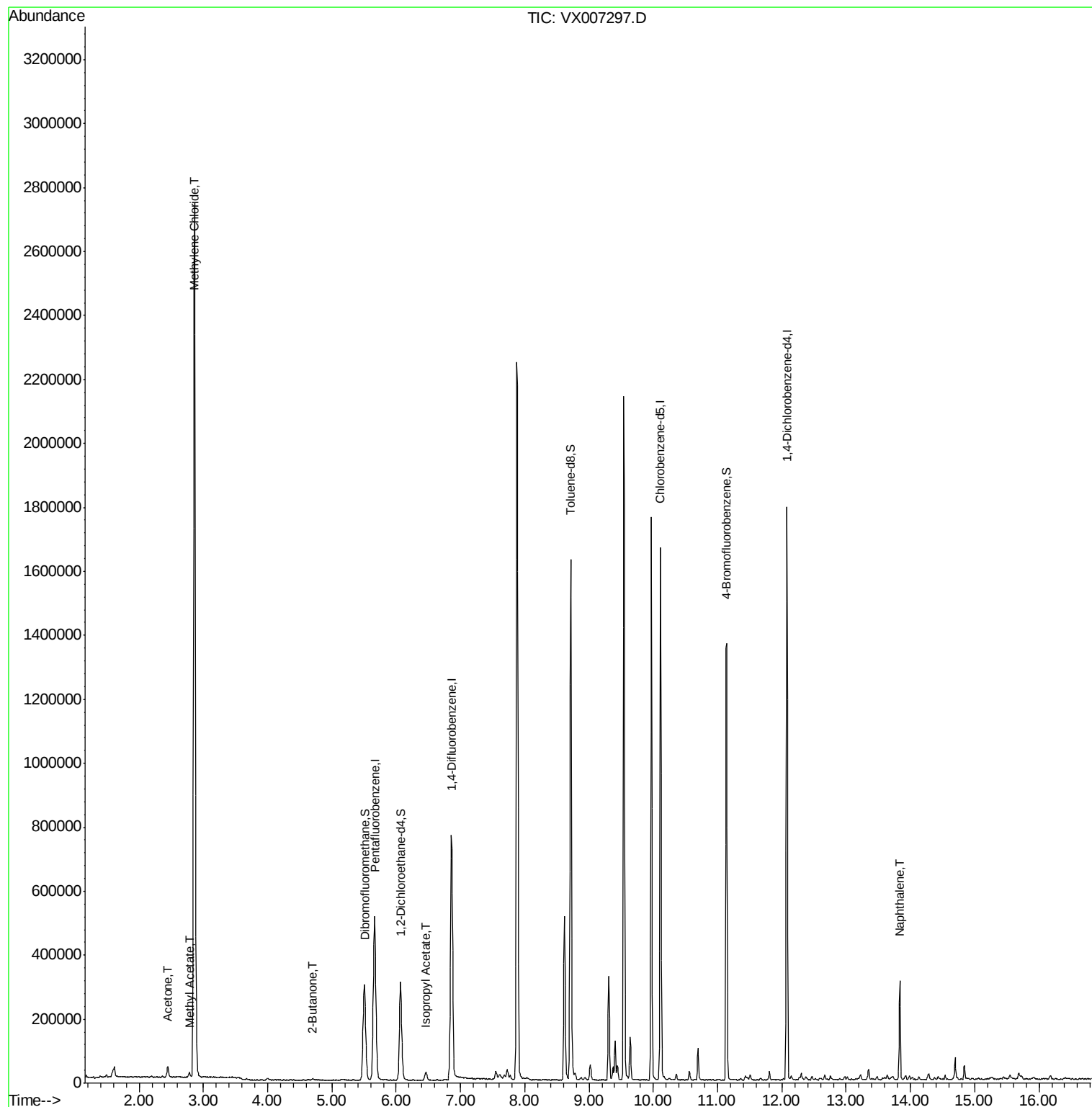
Quant Time: Jan 30 03:18:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

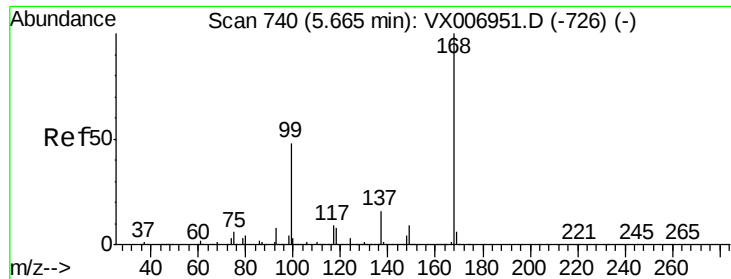
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	524349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	822596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	798074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	378854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	283246	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
35) Dibromofluoromethane	5.51	113	255932	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	998306	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.13	95	348680	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
Target Compounds						
16) Acetone	2.45	43	38566	14.236	ug/l	100
18) Methyl Acetate	2.78	43	20017	2.551	ug/l	96
20) Methylene Chloride	2.86	84	1270144	248.750	ug/l	96
25) 2-Butanone	4.70	43	10404	2.684	ug/l	95
43) Isopropyl Acetate	6.46	43	33333	2.756	ug/l	99
95) Naphthalene	13.83	128	191256	7.007	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007297.D

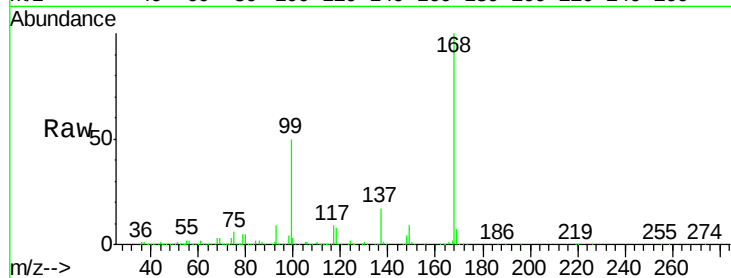
Acq: 29 Jan 2019 19:15

Tot Ion:168 Resp: 524349

Ion Ratio Lower Upper

168 100

99 50.0 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

200000

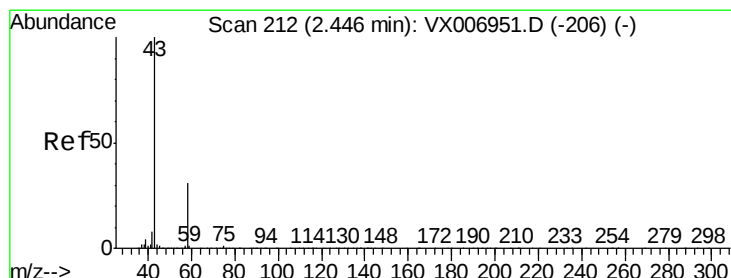
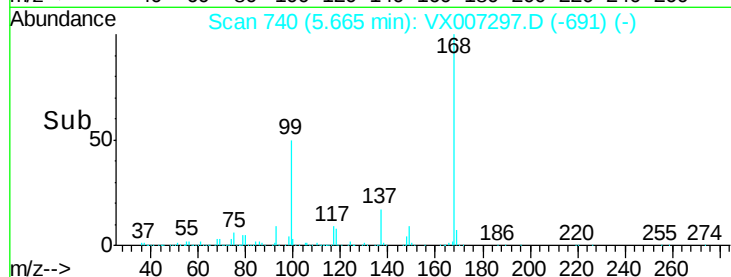
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.236 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007297.D

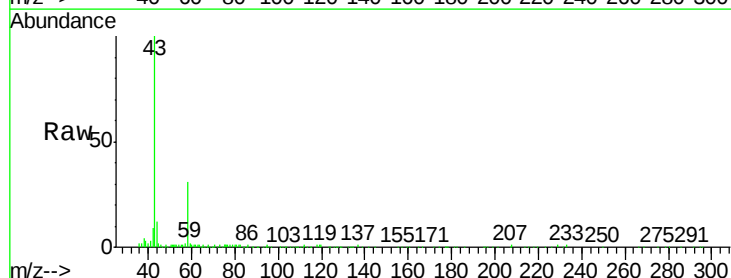
Acq: 29 Jan 2019 19:15

Tgt Ion: 43 Resp: 38566

Ion Ratio Lower Upper

43 100

58 31.1 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

25000

20000

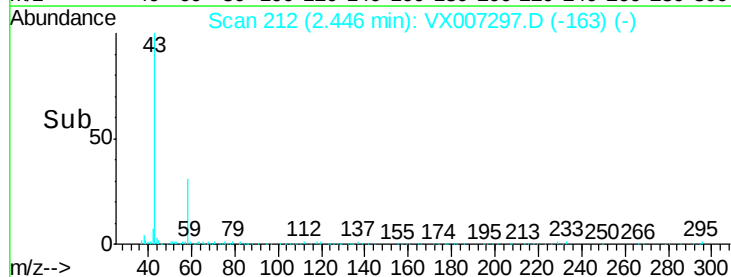
15000

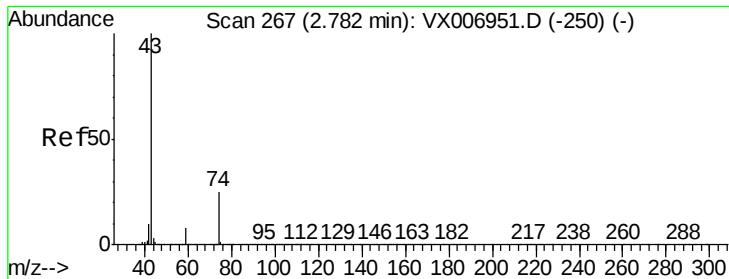
10000

5000

0

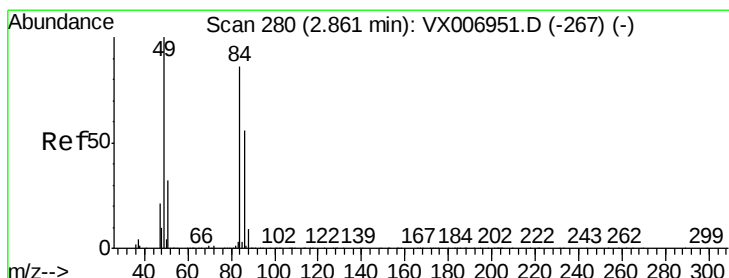
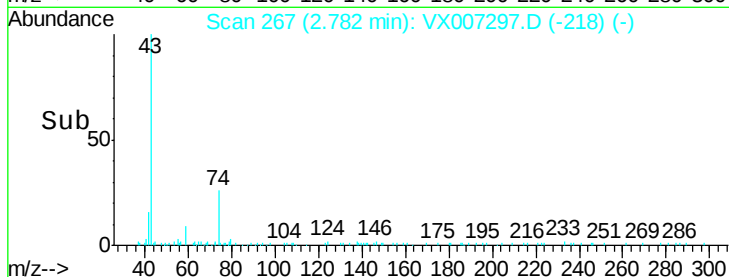
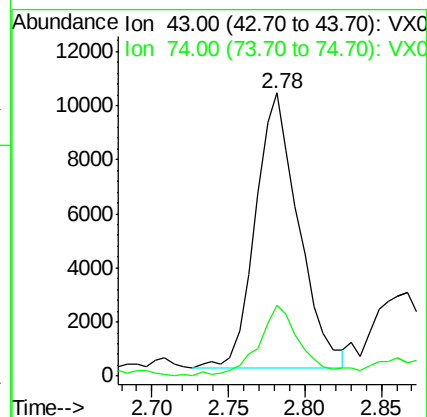
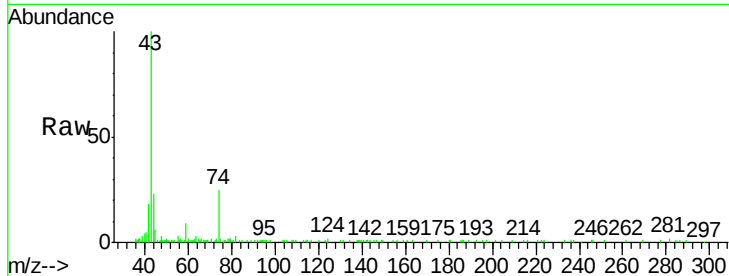
Time--> 2.35 2.40 2.45 2.50 2.55





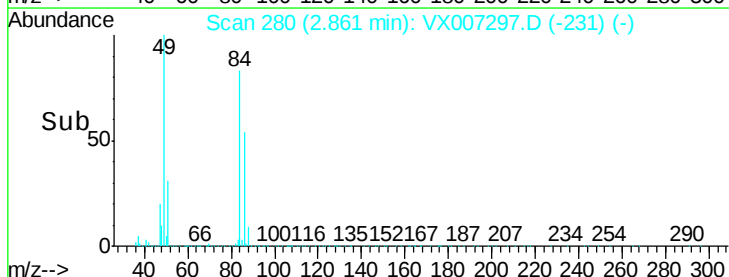
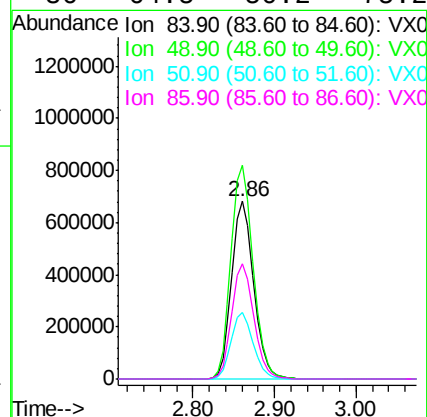
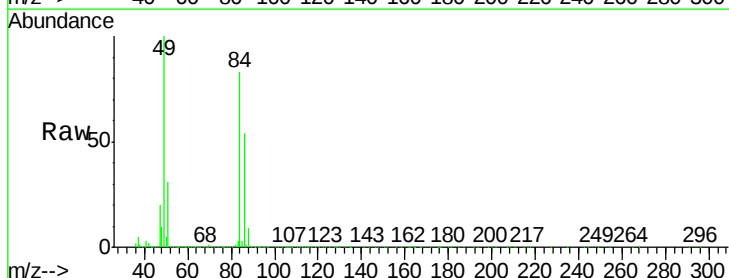
#18
Methyl Acetate
Concen: 2.551 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007297.D
Acq: 29 Jan 2019 19:15

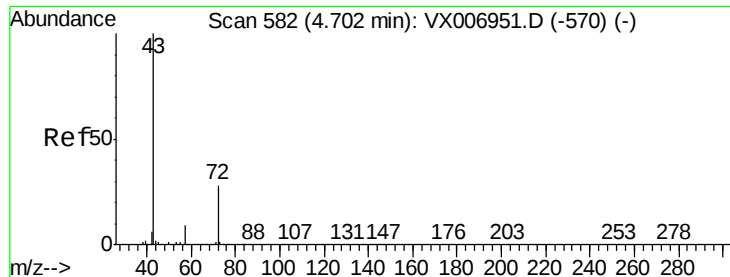
Tot Ion: 43 Resp: 20017
Ion Ratio Lower Upper
43 100
74 25.0 18.6 28.0



#20
Methylene Chloride
Concen: 248.750 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007297.D
Acq: 29 Jan 2019 19:15

Tgt Ion: 84 Resp: 1270144
Ion Ratio Lower Upper
84 100
49 120.1 91.8 137.6
51 37.1 28.5 42.7
86 64.5 50.2 75.2





#25

2-Butanone

Concen: 2.684 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007297.D

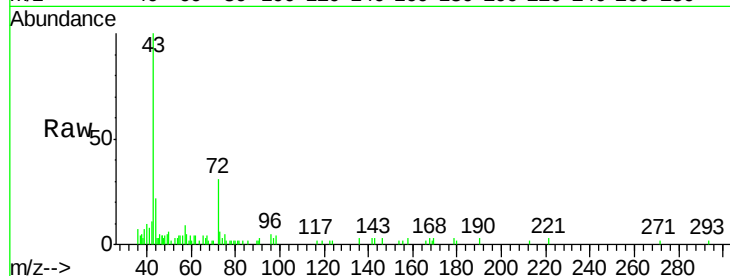
Acq: 29 Jan 2019 19:15

Tot Ion: 43 Resp: 10404

Ion Ratio Lower Upper

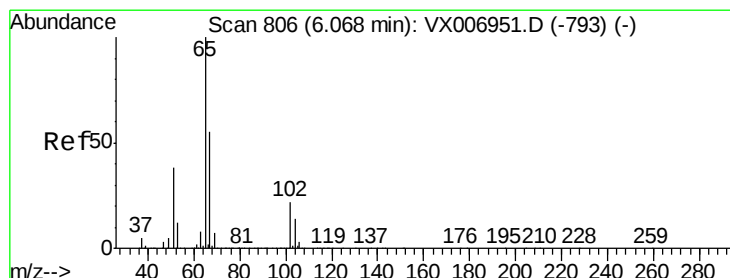
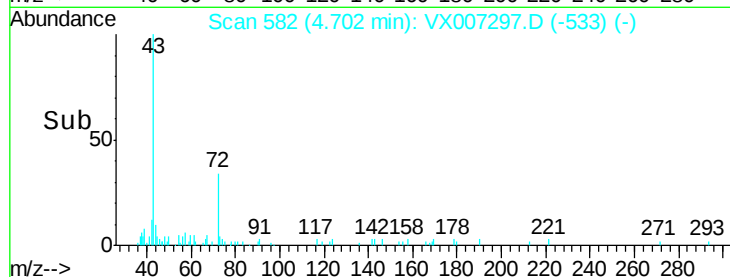
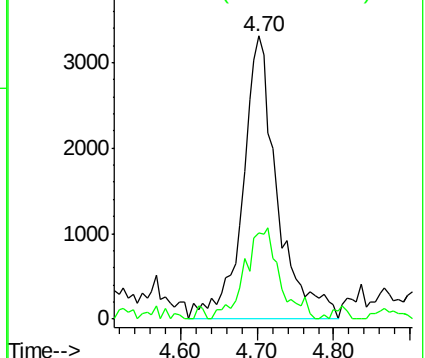
43 100

72 30.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.688 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007297.D

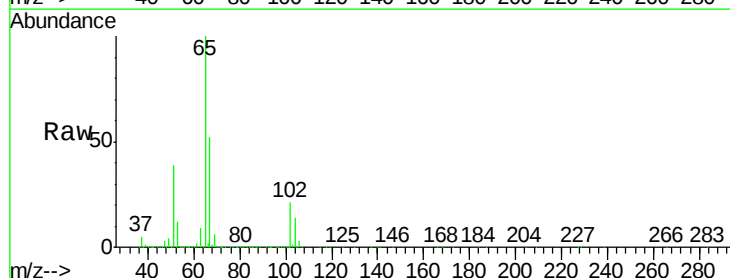
Acq: 29 Jan 2019 19:15

Tgt Ion: 65 Resp: 283246

Ion Ratio Lower Upper

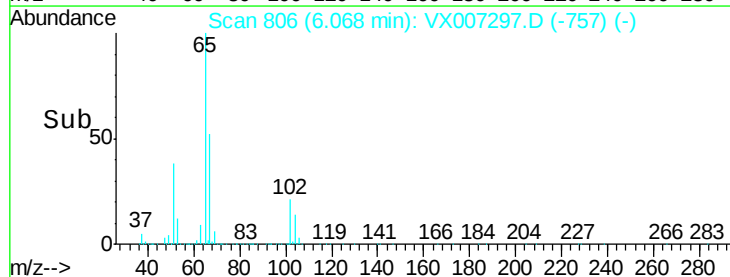
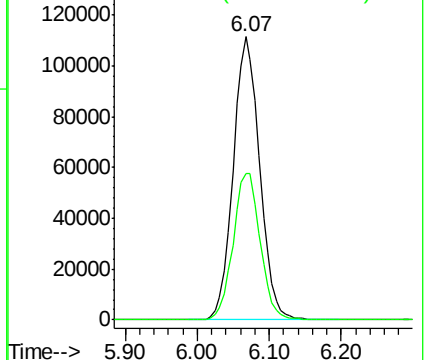
65 100

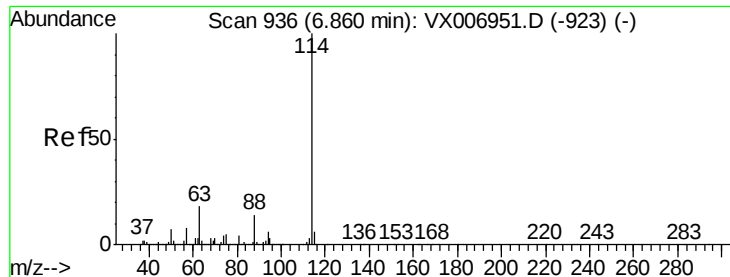
67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007297.D

Acq: 29 Jan 2019 19:15

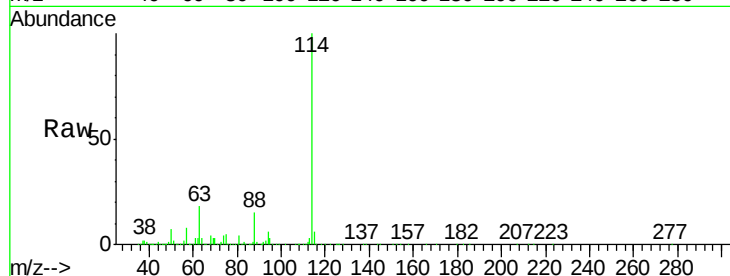
Tot Ion:114 Resp: 822596

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

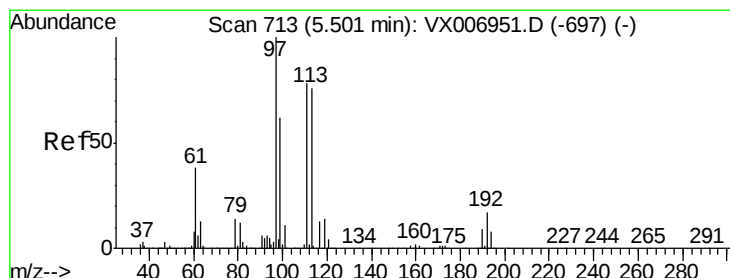
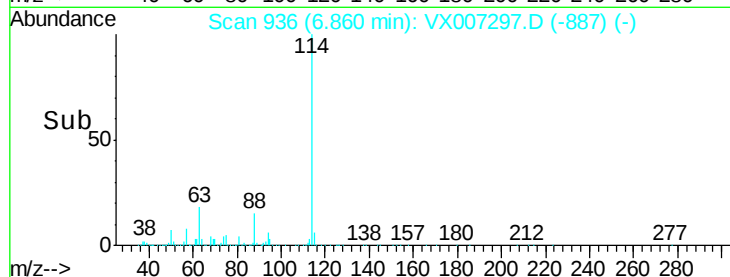
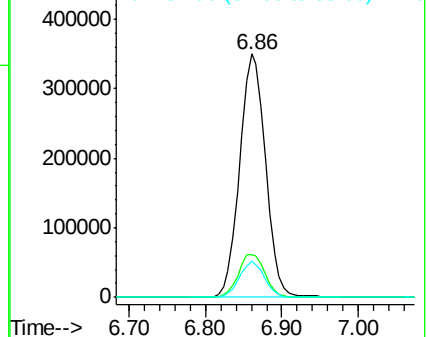
88 15.0 0.0 28.8



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: 48.584 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007297.D

Acq: 29 Jan 2019 19:15

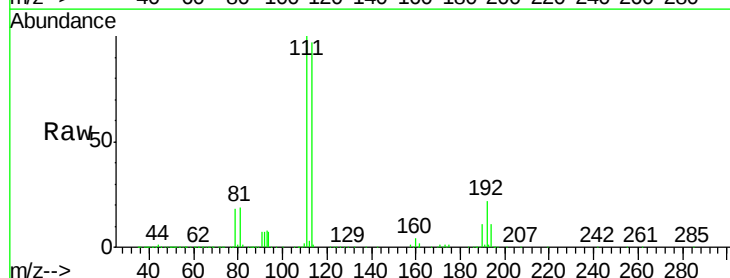
Tgt Ion:113 Resp: 255932

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

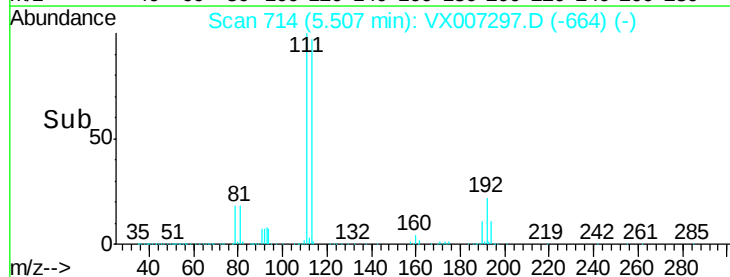
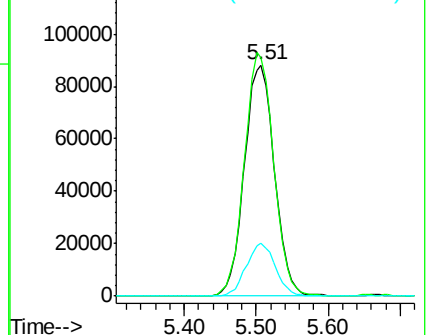
192 22.3 16.7 25.1

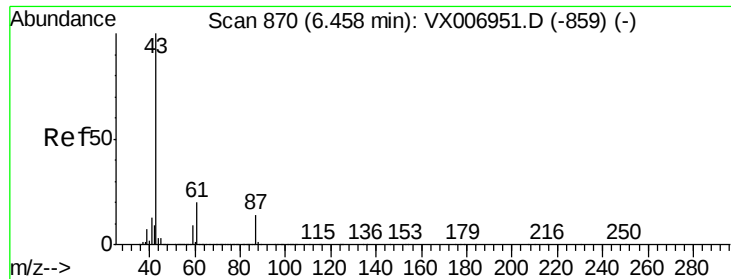


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.756 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007297.D

Acq: 29 Jan 2019 19:15

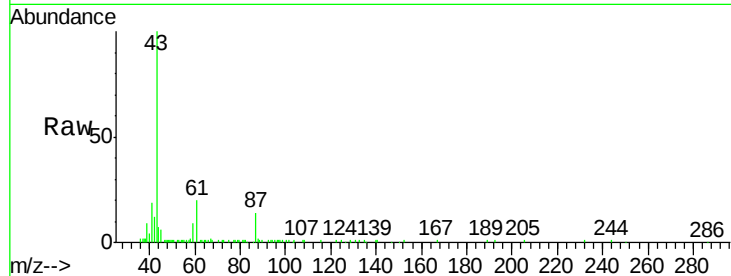
Tot Ion: 43 Resp: 33333

Ion Ratio Lower Upper

43 100

61 21.6 16.8 25.2

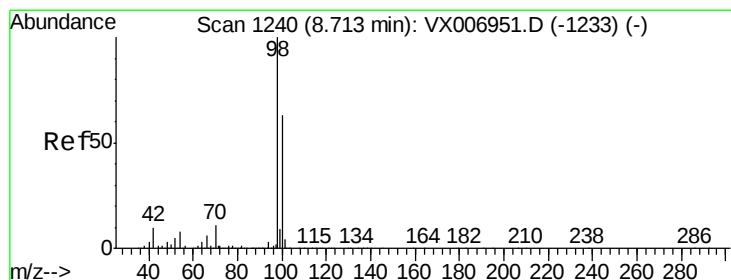
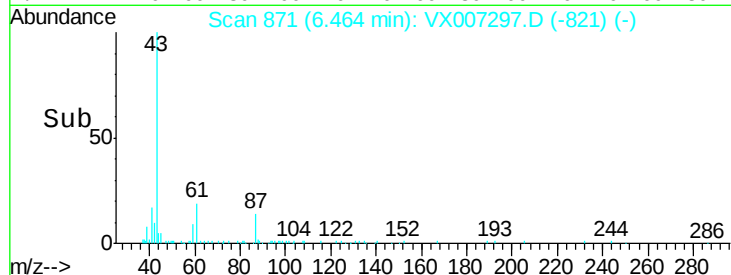
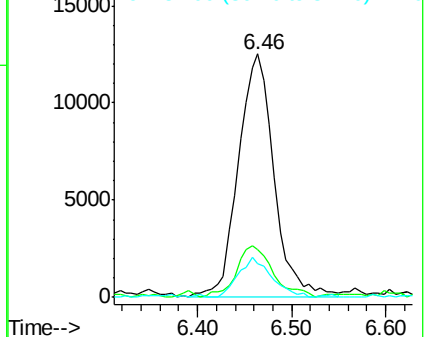
87 15.3 12.4 18.6



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: 51.774 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007297.D

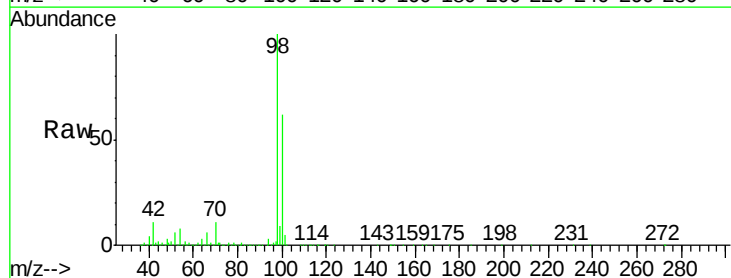
Acq: 29 Jan 2019 19:15

Tgt Ion: 98 Resp: 998306

Ion Ratio Lower Upper

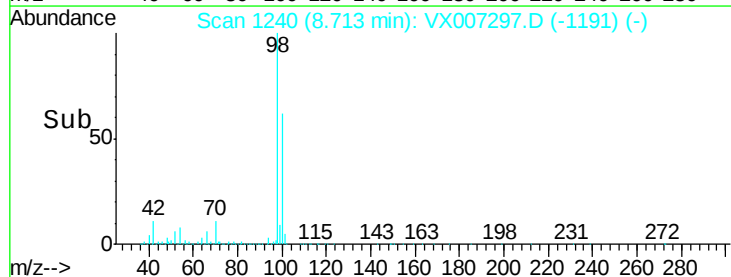
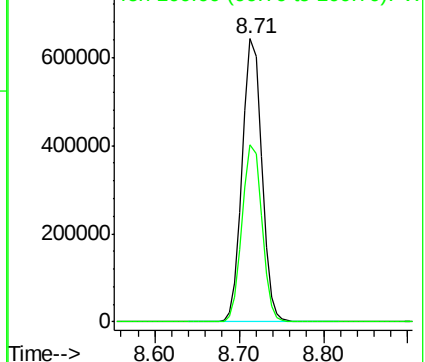
98 100

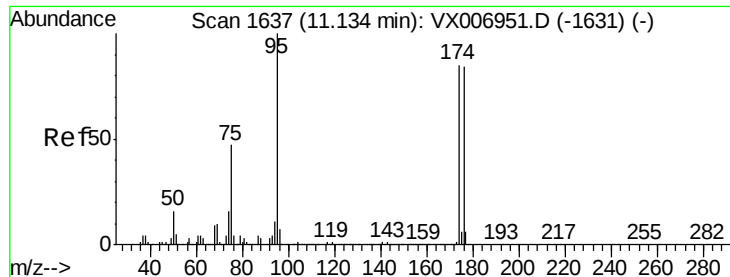
100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 51.870 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007297.D

Acq: 29 Jan 2019 19:15

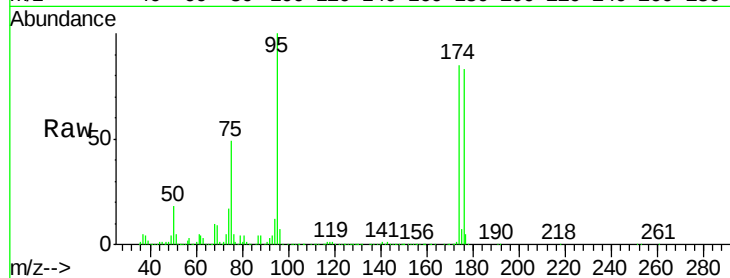
Tot Ion: 95 Resp: 348680

Ion Ratio Lower Upper

95 100

174 94.9 0.0 182.2

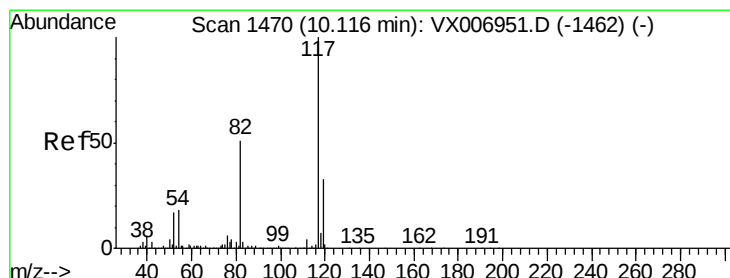
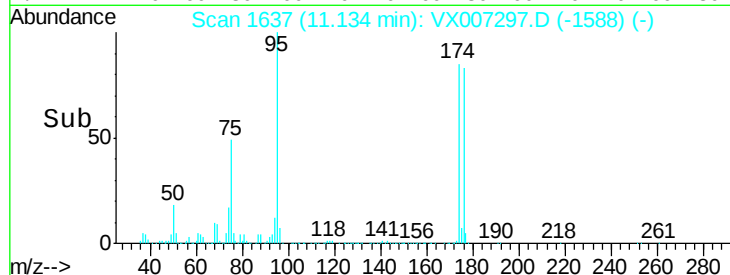
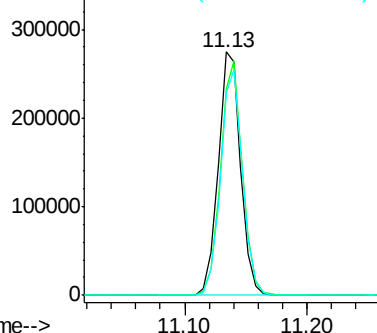
176 91.8 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007297.D

Acq: 29 Jan 2019 19:15

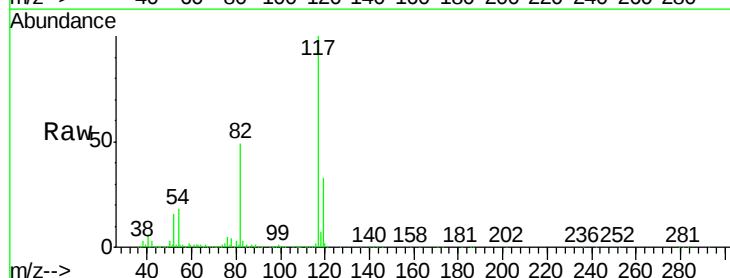
Tgt Ion: 117 Resp: 798074

Ion Ratio Lower Upper

117 100

82 49.0 41.0 61.6

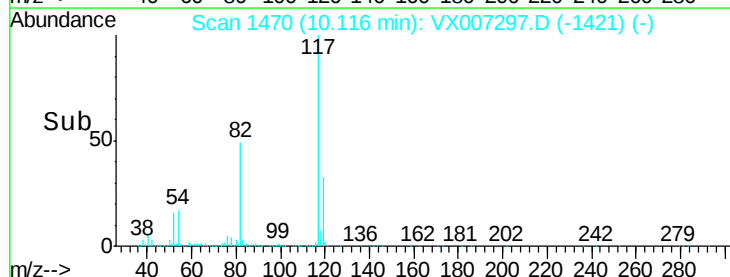
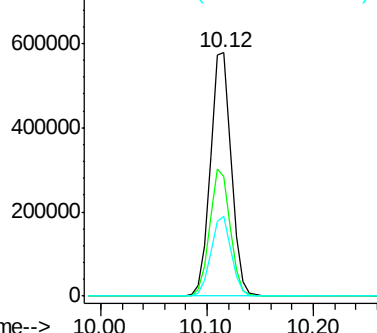
119 32.5 25.4 38.0

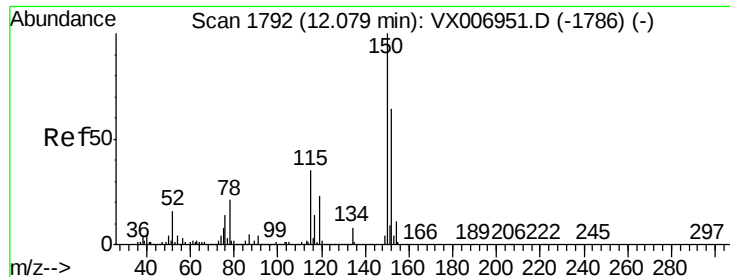


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007297.D

Acq: 29 Jan 2019 19:15

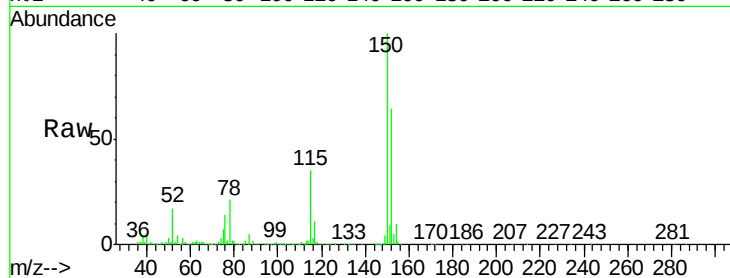
Tot Ion:152 Resp: 378854

Ion Ratio Lower Upper

152 100

115 54.9 39.1 117.2

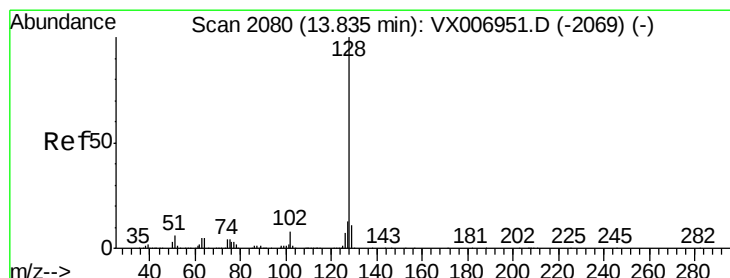
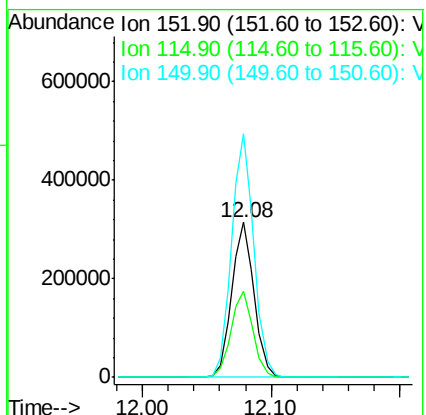
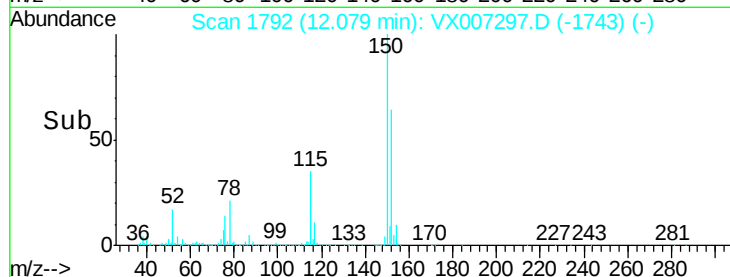
150 157.0 0.0 344.8



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: 7.007 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007297.D

Acq: 29 Jan 2019 19:15

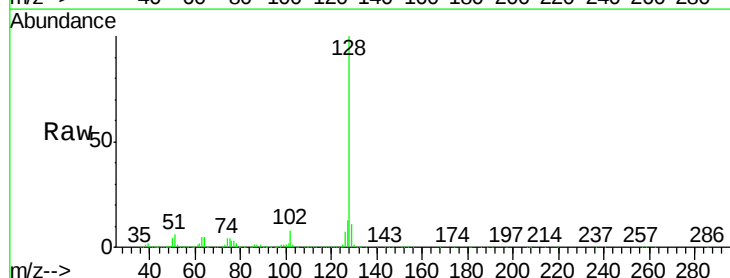
Tgt Ion:128 Resp: 191256

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.8 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

