

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003763.D
 Acq On : 31 Jul 2018 20:46
 Operator : JC/SP
 Sample : J4109-07
 Misc : 10.41G/5.0mL/MSVOA X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10(3-5)

Quant Time: Aug 01 03:48:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

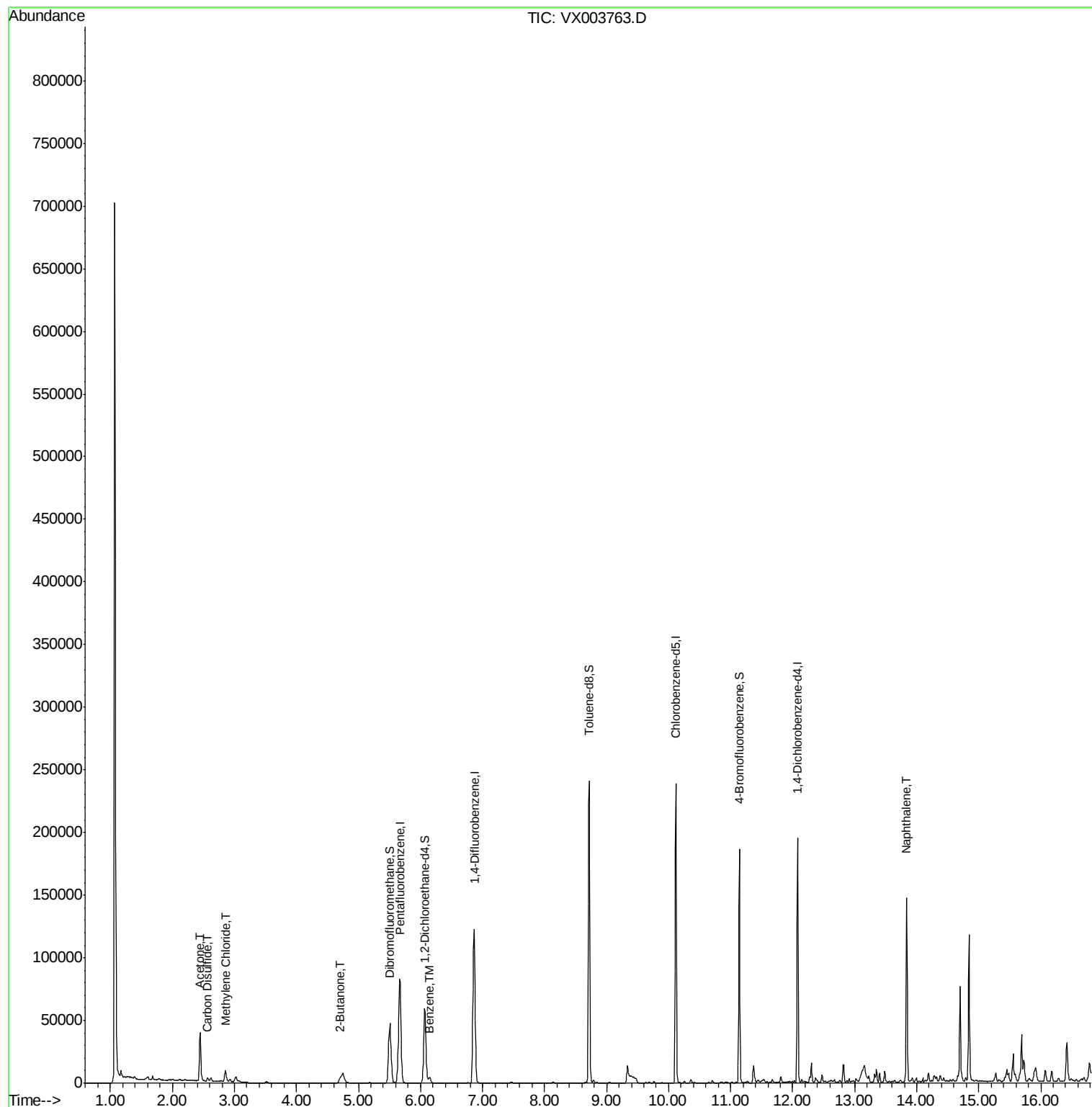
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	84949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	127331	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	109746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	42139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	55541	64.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.30%	
35) Dibromofluoromethane	5.51	113	40623	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
50) Toluene-d8	8.72	98	145211	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.14	95	47029	40.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.60%	
Target Compounds						
16) Acetone	2.45	43	40798	124.32	ug/l	99
17) Carbon Disulfide	2.57	76	3867	1.57	ug/l #	93
20) Methylene Chloride	2.85	84	4359	1.99	ug/l #	93
25) 2-Butanone	4.70	43	8021	16.77	ug/l	98
40) Benzene	6.15	78	5314	1.56	ug/l	97
95) Naphthalene	13.83	128	93025	42.36	ug/l	99

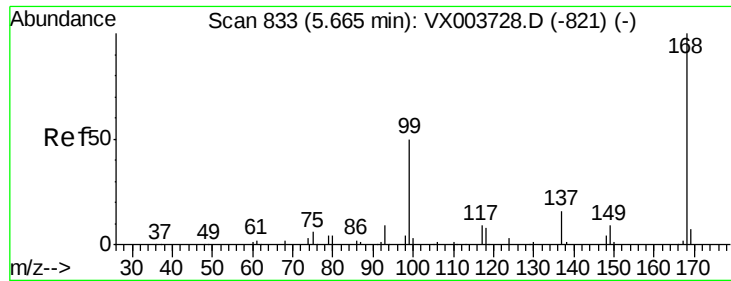
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-10(3-5)

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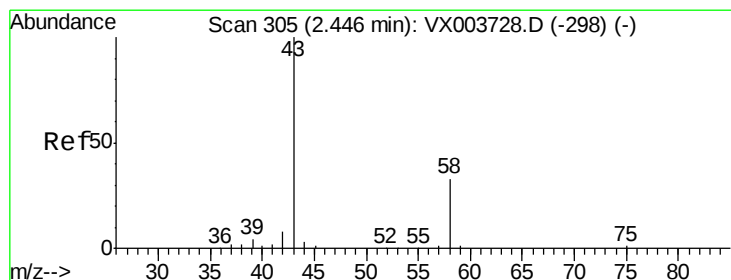
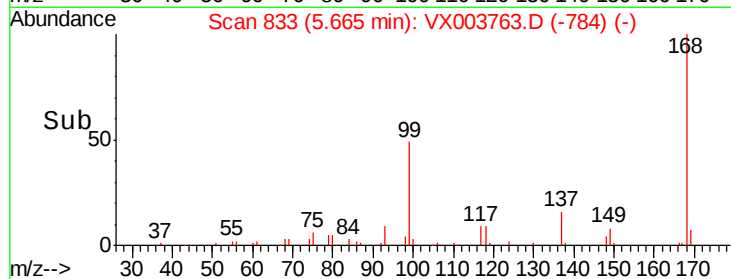
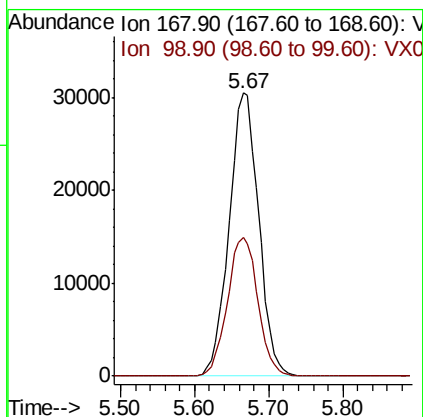
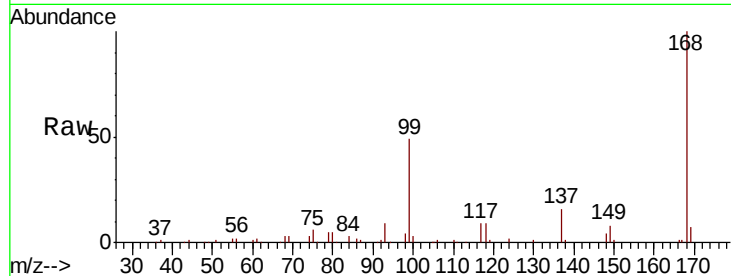




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003763.D
Acq: 31 Jul 2018 20:46

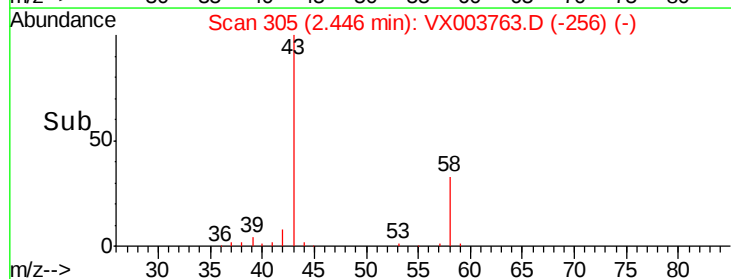
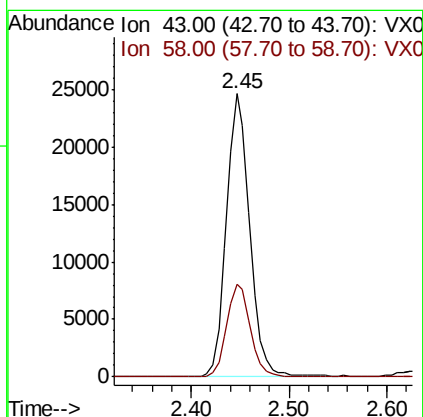
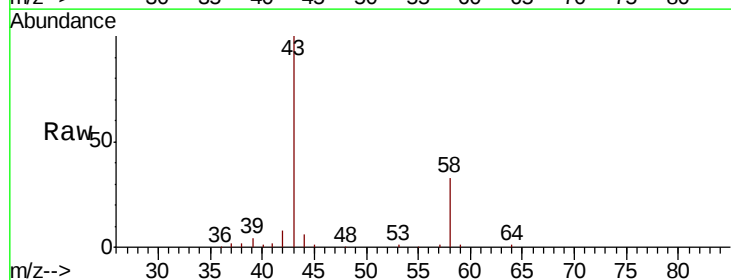
Instrument :
MSVOA_X
ClientSampleId :
SB-10(3-5)

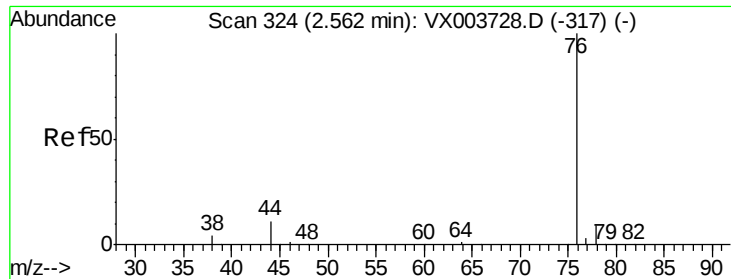
Tot Ion:168 Resp: 84949
Ion Ratio Lower Upper
168 100
99 49.1 40.2 60.2



#16
Acetone
Concen: 124.32 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003763.D
Acq: 31 Jul 2018 20:46

Tgt Ion: 43 Resp: 40798
Ion Ratio Lower Upper
43 100
58 32.7 26.7 40.1

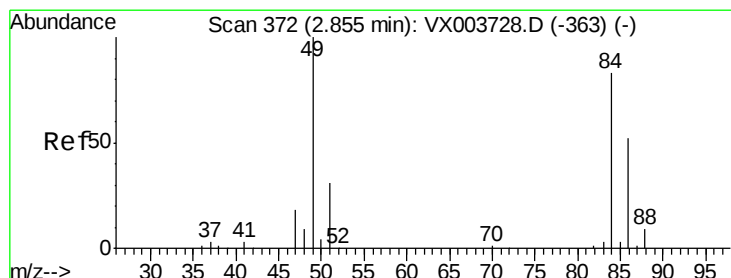
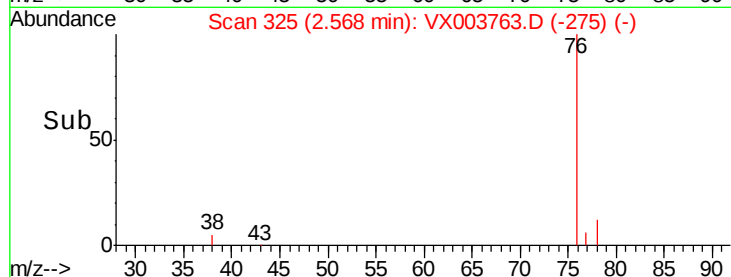
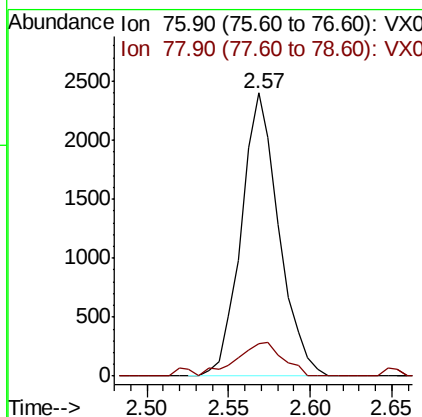
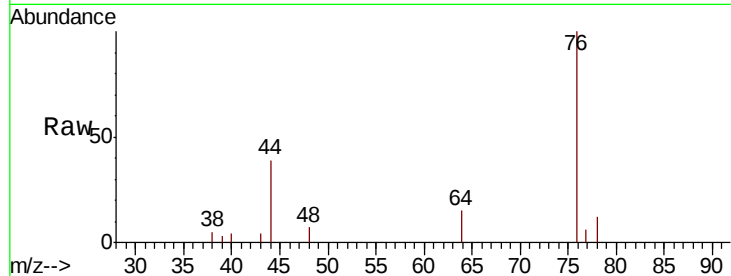




#17
Carbon Disulfide
Concen: 1.57 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003763.D
Acq: 31 Jul 2018 20:46

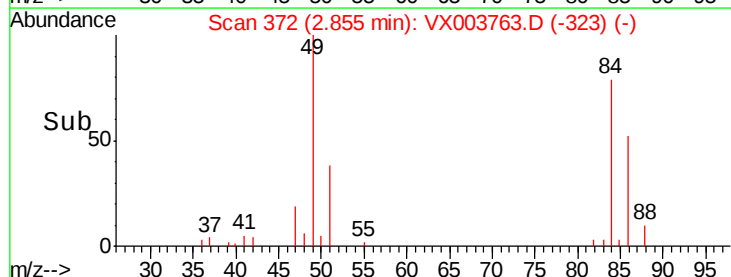
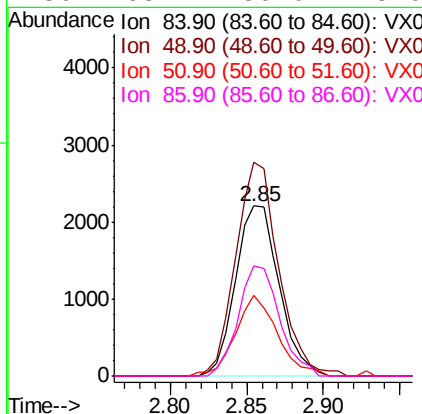
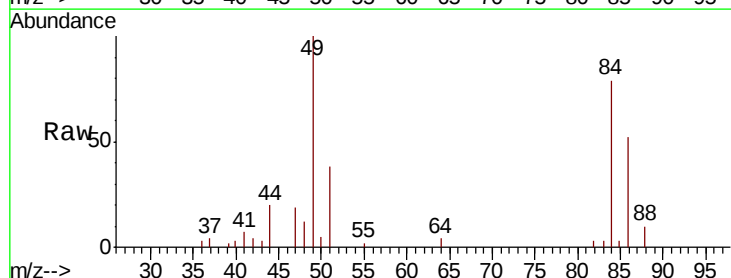
Instrument :
MSVOA_X
ClientSampleId :
SB-10(3-5)

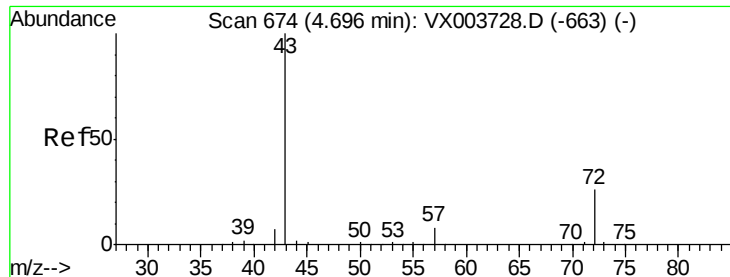
Tot Ion: 76 Resp: 3867
Ion Ratio Lower Upper
76 100
78 11.7 7.3 10.9#



#20
Methylene Chloride
Concen: 1.99 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003763.D
Acq: 31 Jul 2018 20:46

Tgt Ion: 84 Resp: 4359
Ion Ratio Lower Upper
84 100
49 125.9 95.8 143.8
51 47.6 29.6 44.4#
86 65.1 50.0 75.0





#25

2-Butanone

Concen: 16.77 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003763.D

Acq: 31 Jul 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

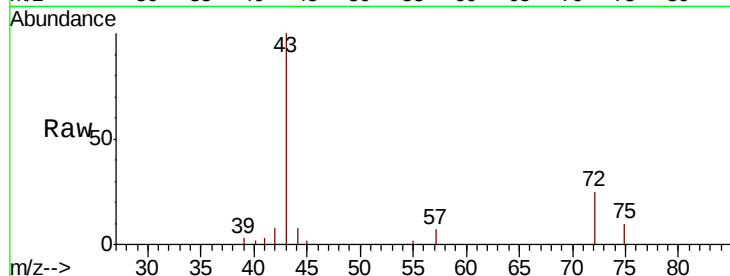
SB-10(3-5)

Tot Ion: 43 Resp: 8021

Ion Ratio Lower Upper

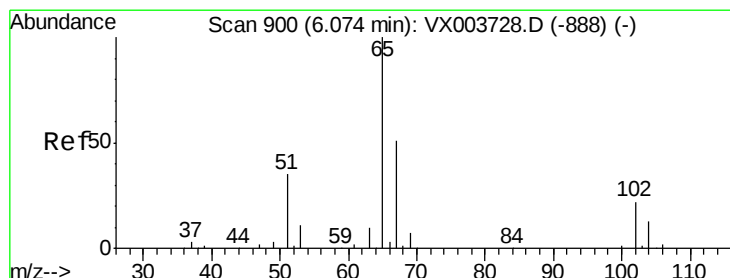
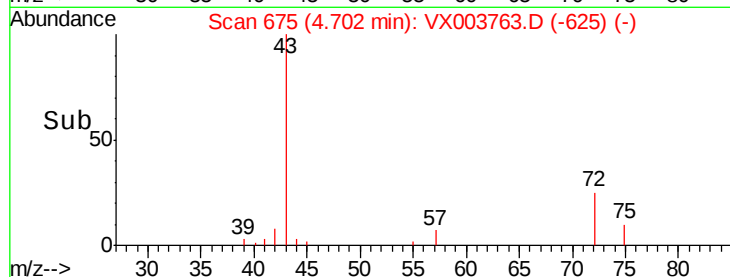
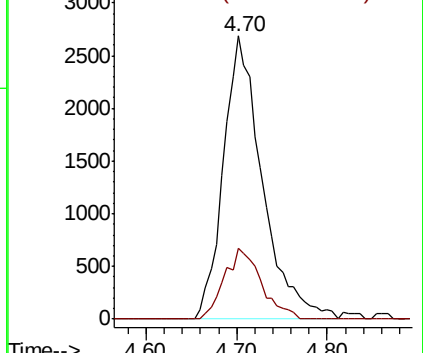
43 100

72 24.9 20.9 31.3



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: 64.65 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003763.D

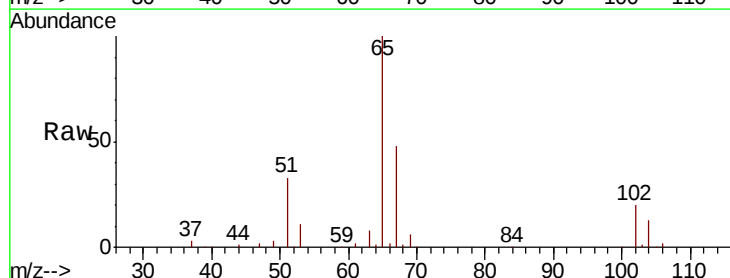
Acq: 31 Jul 2018 20:46

Tgt Ion: 65 Resp: 55541

Ion Ratio Lower Upper

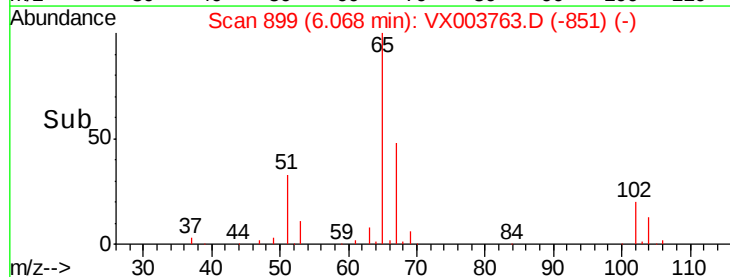
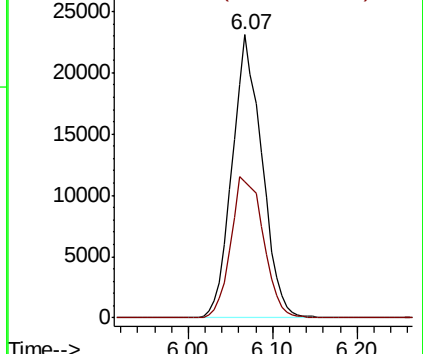
65 100

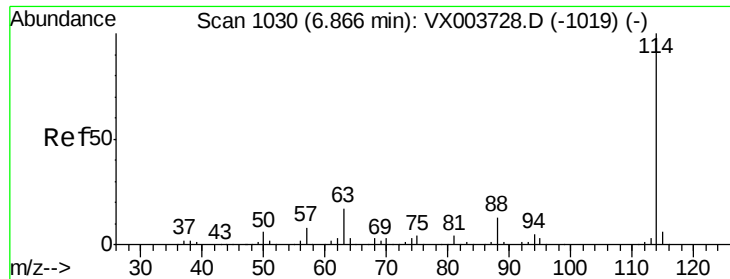
67 54.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

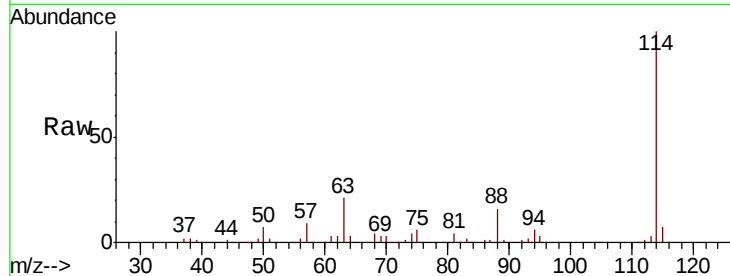




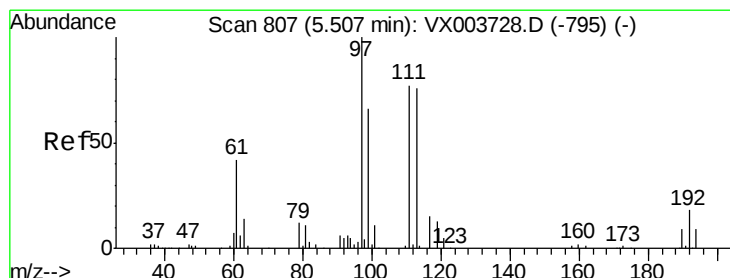
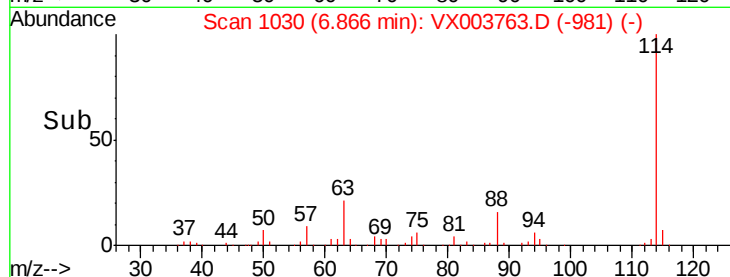
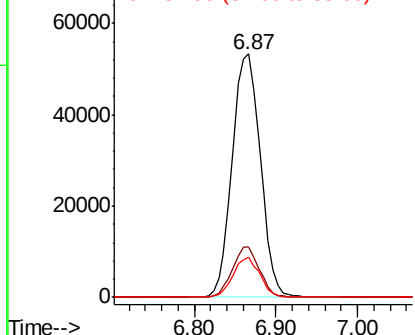
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003763.D
 Acq: 31 Jul 2018 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10(3-5)

Tot Ion:114 Resp: 127331
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 34.0
 88 16.4 0.0 26.4

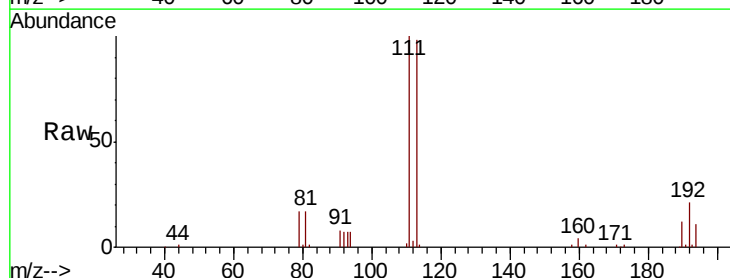


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

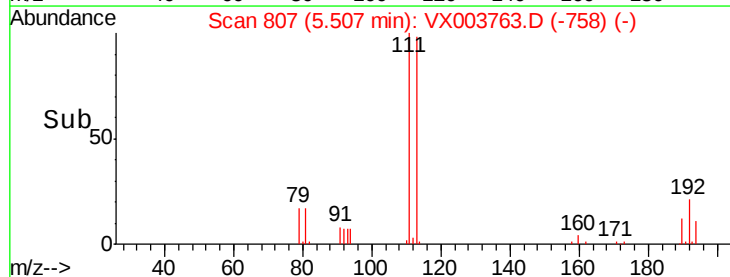
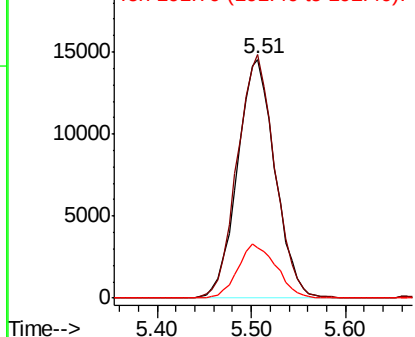


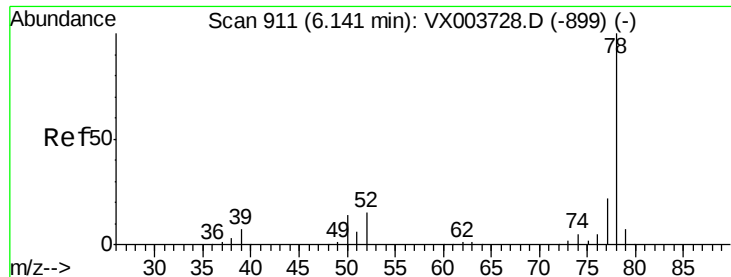
#35
 Dibromofluoromethane
 Concen: 54.18 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003763.D
 Acq: 31 Jul 2018 20:46

Tgt Ion:113 Resp: 40623
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.8 122.6
 192 22.9 18.8 28.2



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





#40

Benzene

Concen: 1.56 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003763.D

Acq: 31 Jul 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

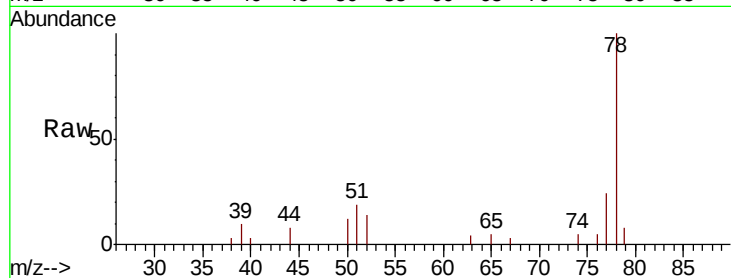
SB-10(3-5)

Tot Ion: 78 Resp: 5314

Ion Ratio Lower Upper

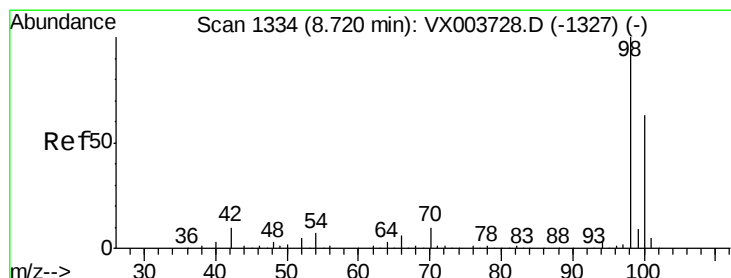
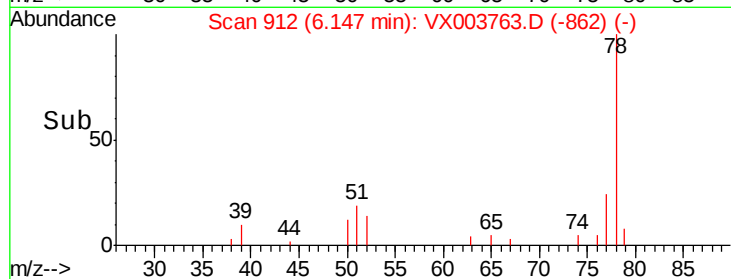
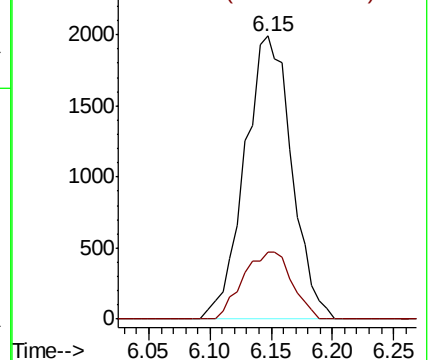
78 100

77 23.7 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 46.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003763.D

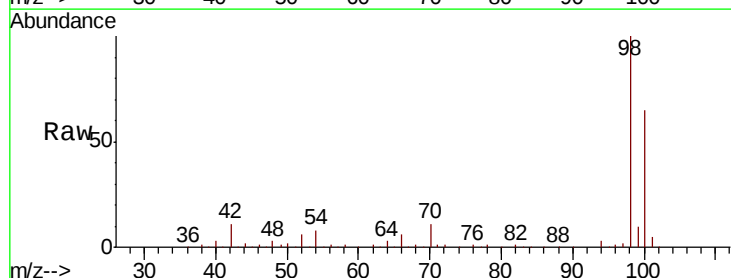
Acq: 31 Jul 2018 20:46

Tgt Ion: 98 Resp: 145211

Ion Ratio Lower Upper

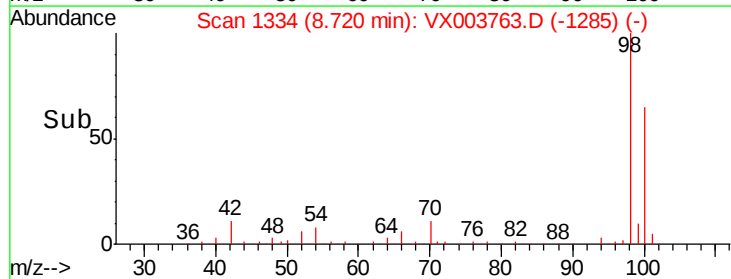
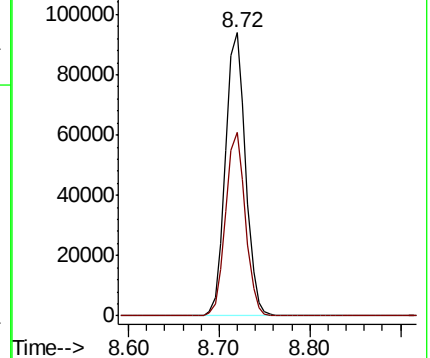
98 100

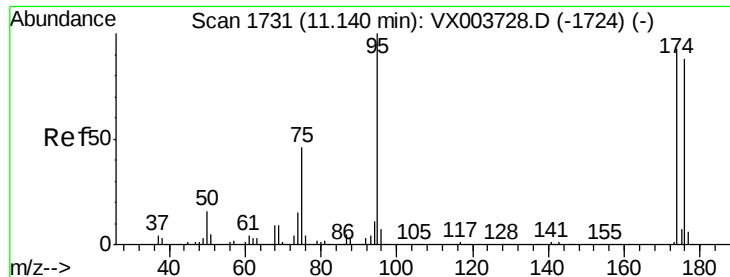
100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 40.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003763.D

Acq: 31 Jul 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

SB-10(3-5)

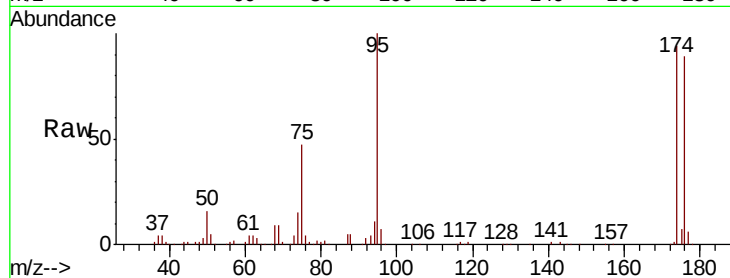
Tot Ion: 95 Resp: 47029

Ion Ratio Lower Upper

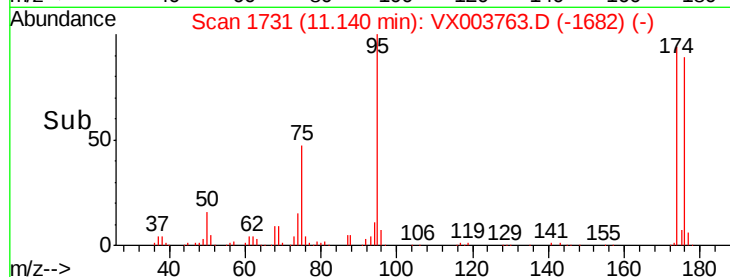
95 100

174 94.7 0.0 186.2

176 90.9 0.0 179.2



Abundance Ion 94.90 (94.60 to 95.60): VX003763.D (-1682) (-)



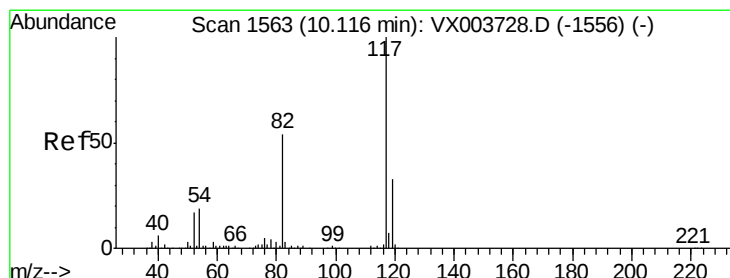
Ion 173.80 (173.50 to 174.50): VX003763.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003763.D (-1682) (-)

Time-->

11.14

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003763.D

Acq: 31 Jul 2018 20:46

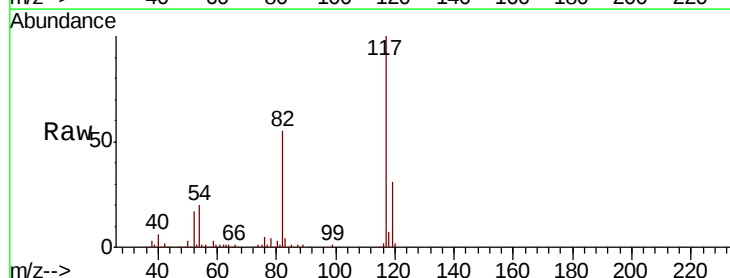
Tgt Ion: 117 Resp: 109746

Ion Ratio Lower Upper

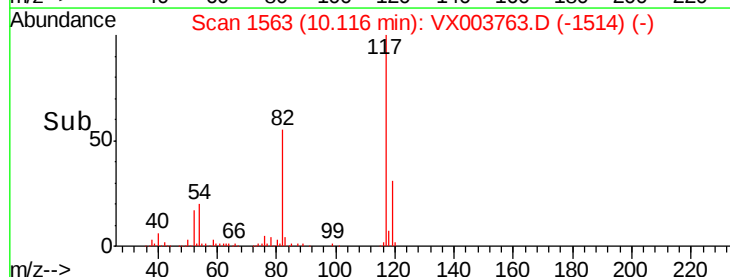
117 100

82 54.6 43.2 64.8

119 31.3 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): VX003763.D (-1514) (-)



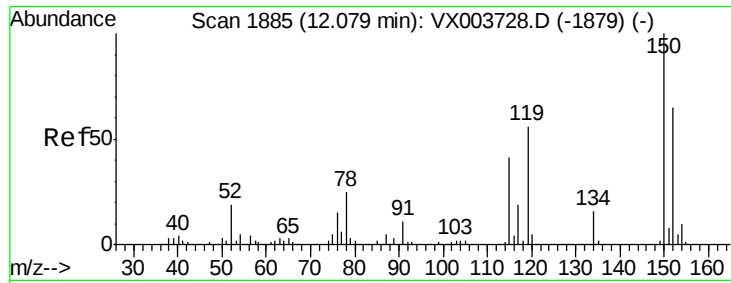
Ion 82.00 (81.70 to 82.70): VX003763.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003763.D (-1514) (-)

Time-->

10.12

10.10 10.20



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003763.D

Acq: 31 Jul 2018 20:46

Instrument :

MSVOA_X

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SB-10(3-5)

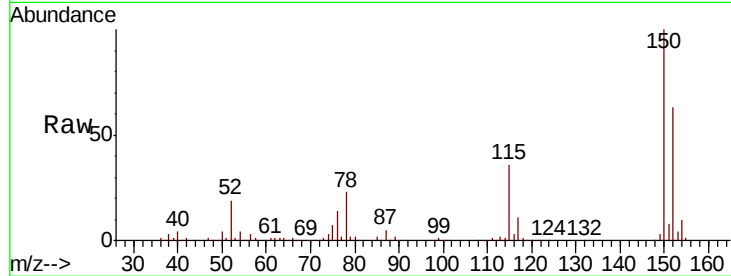
Tot Ion:152 Resp: 42139

Ion Ratio Lower Upper

152 100

115 54.1 38.5 115.3

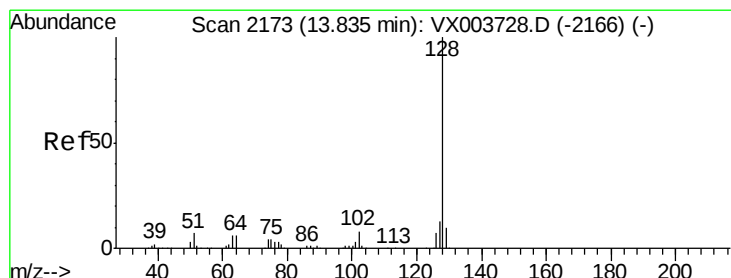
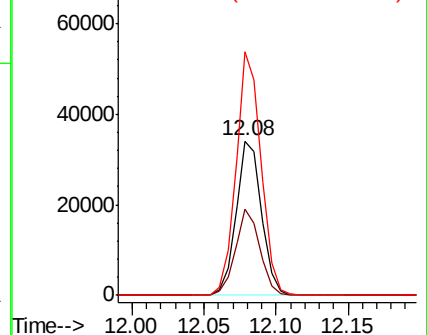
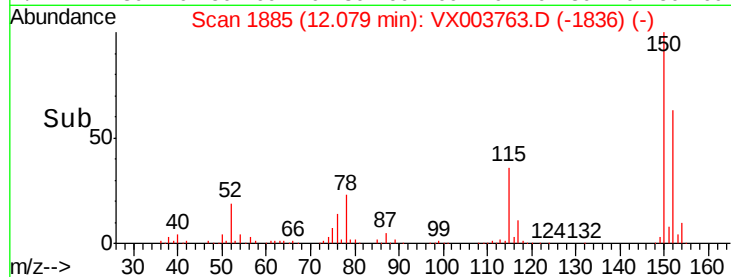
150 154.8 0.0 346.2



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: 42.36 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003763.D

Acq: 31 Jul 2018 20:46

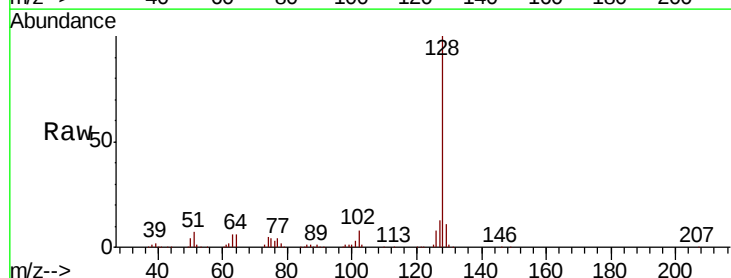
Tgt Ion:128 Resp: 93025

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.7 13.1



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

