

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003228.D
 Acq On : 06 Jul 2018 22:26
 Operator : JC/MD
 Sample : J3754-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0141

Quant Time: Jul 09 09:31:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

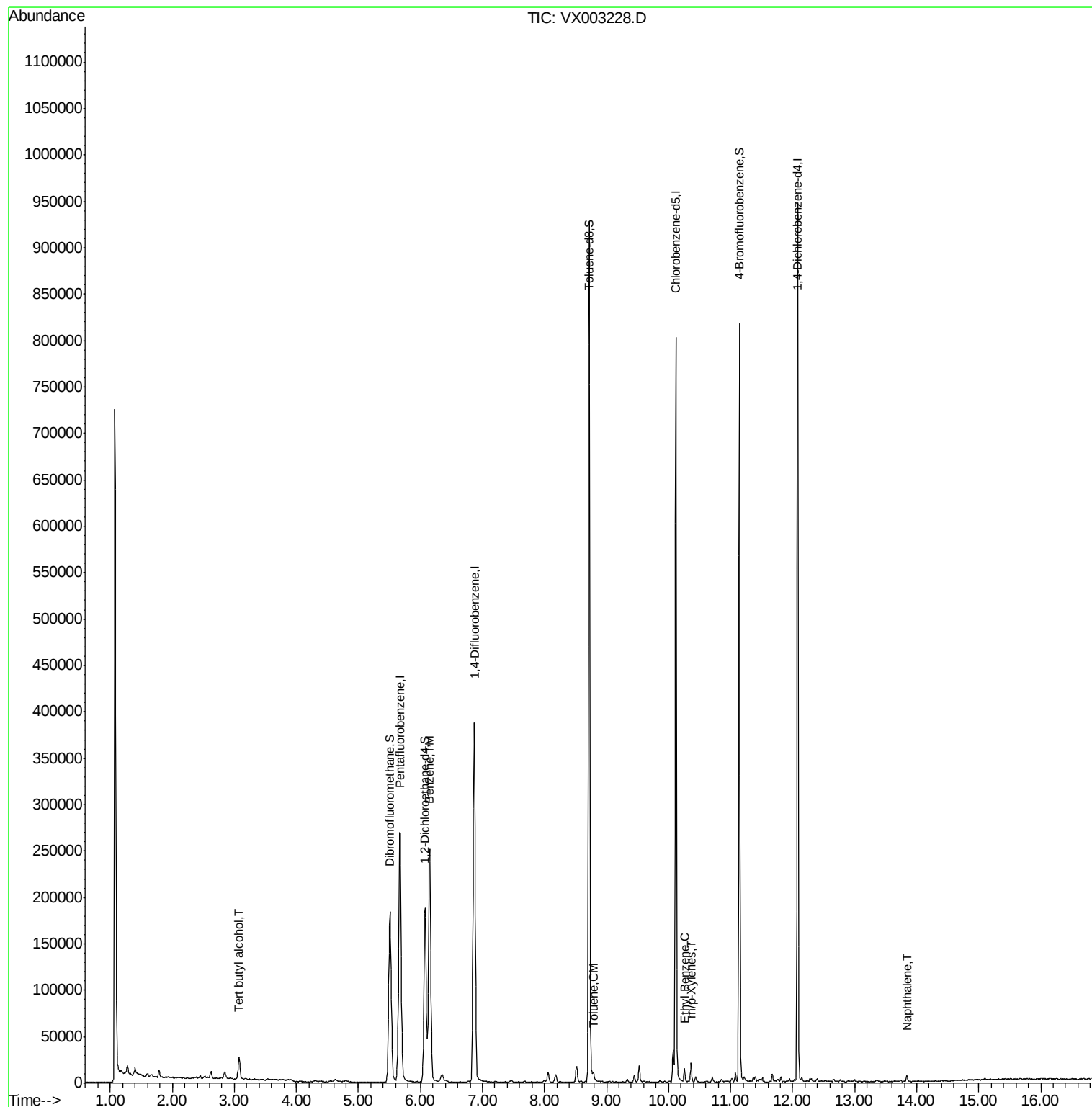
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	396873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	182447	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
35) Dibromofluoromethane	5.51	113	151373	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	8.72	98	549728	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.14	95	192920	43.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.18%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.07	59	29317	37.546	ug/l	97
40) Benzene	6.15	78	297791	23.549	ug/l	99
52) Toluene	8.79	92	1984	0.245	ug/l	90
67) Ethyl Benzene	10.26	91	7615	0.492	ug/l	98
68) m/p-Xylenes	10.36	106	4829	0.810	ug/l	99
95) Naphthalene	13.84	128	4190	0.293	ug/l	97

(#) = 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# 833

Delta R.T. -0.00 min

Lab File: VX003228.D

Acq: 06 Jul 2018 22:26

Instrument :

MSVOA_X

ClientSampleId :

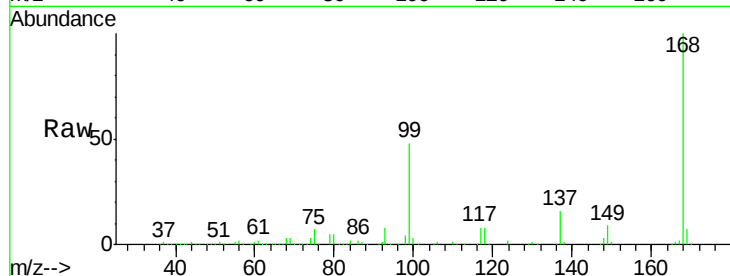
S10-0141

Tot Ion:168 Resp: 283579

Ion Ratio Lower Upper

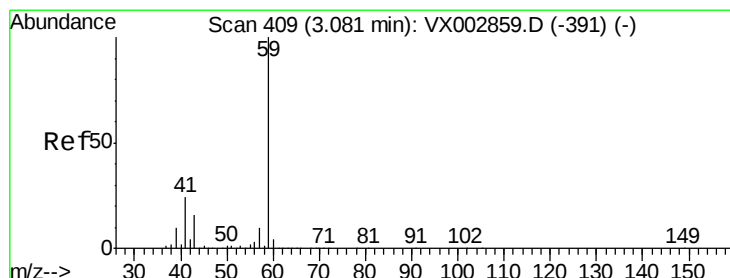
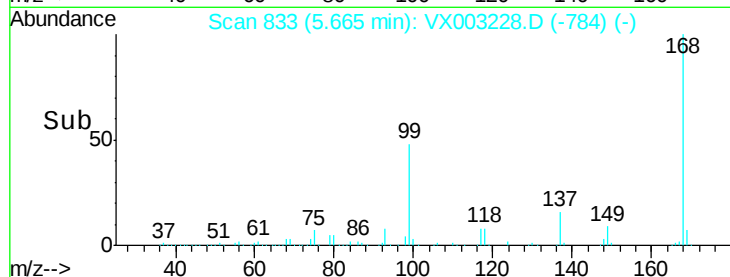
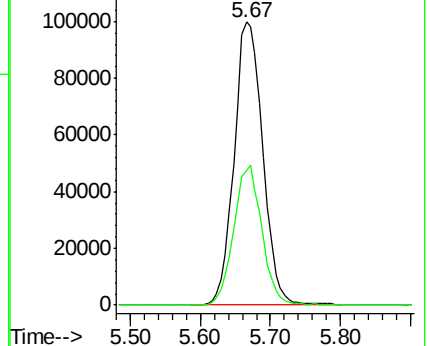
168 100

99 47.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 37.546 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003228.D

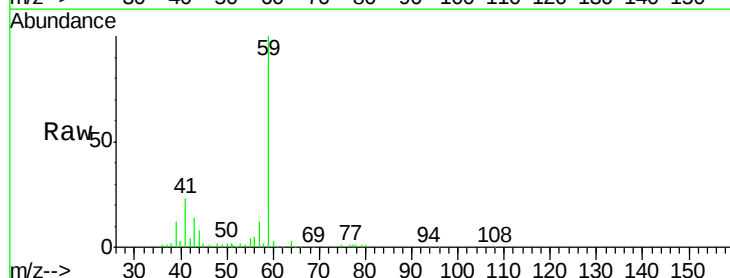
Acq: 06 Jul 2018 22:26

Tgt Ion: 59 Resp: 29317

Ion Ratio Lower Upper

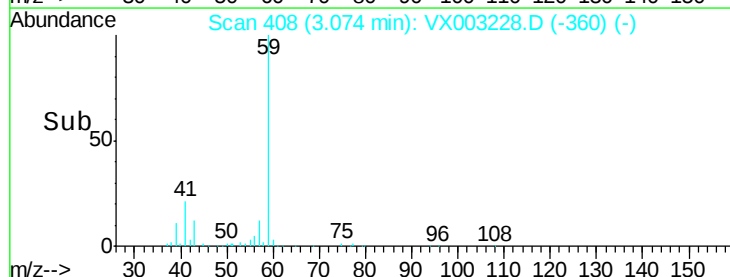
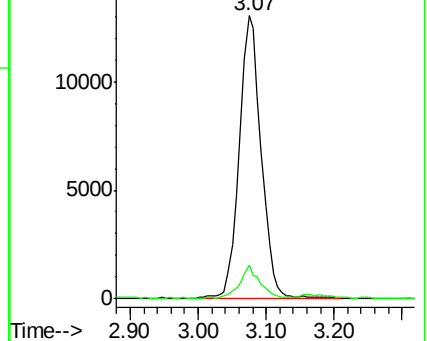
59 100

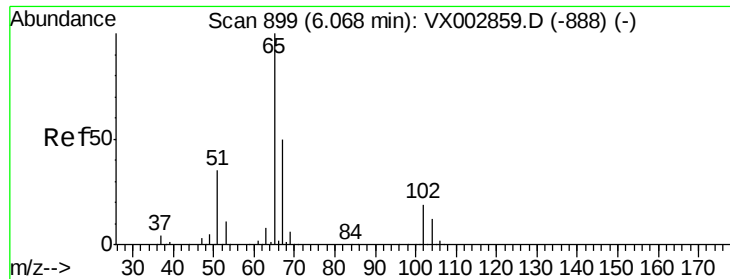
57 11.2 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.547 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003228.D

Acq: 06 Jul 2018 22:26

Instrument :

MSVOA_X

ClientSampleId :

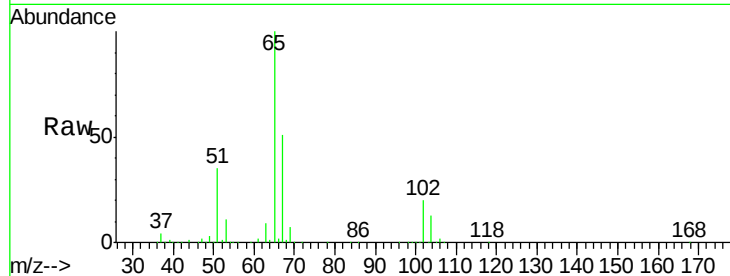
S10-0141

Tot Ion: 65 Resp: 182447

Ion Ratio Lower Upper

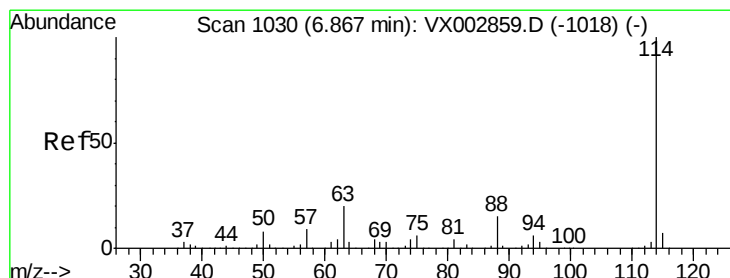
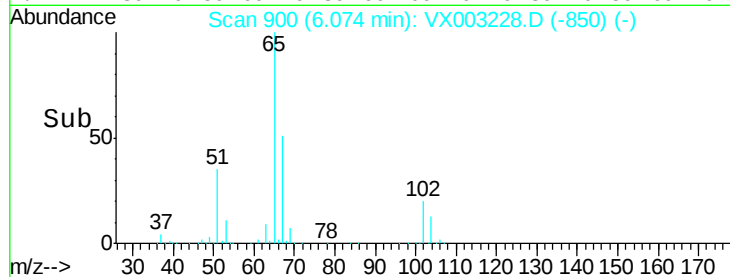
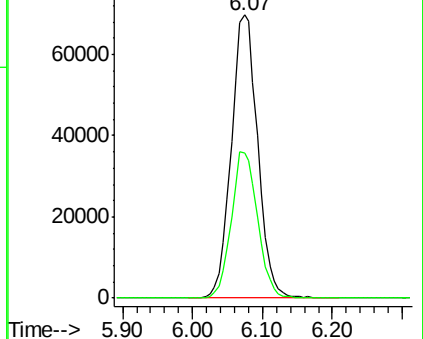
65 100

67 51.5 0.0 102.6



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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003228.D

Acq: 06 Jul 2018 22:26

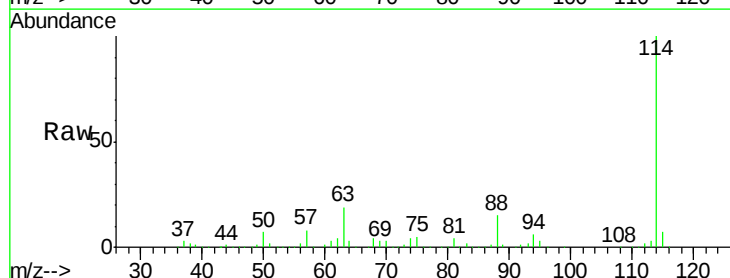
Tgt Ion: 114 Resp: 396873

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

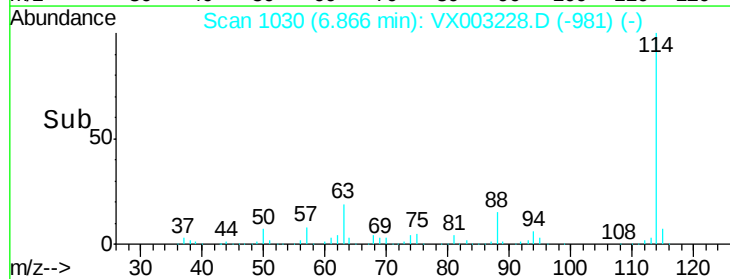
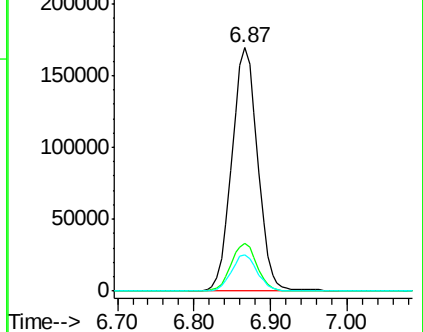
88 14.7 0.0 30.0

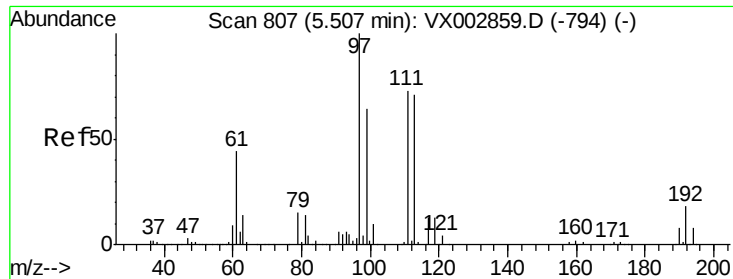


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

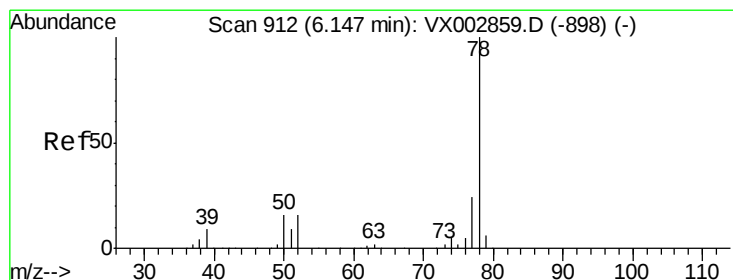
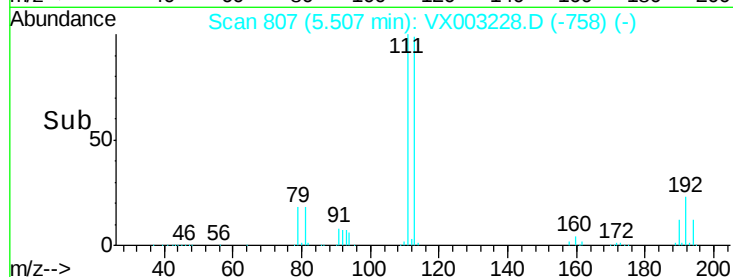
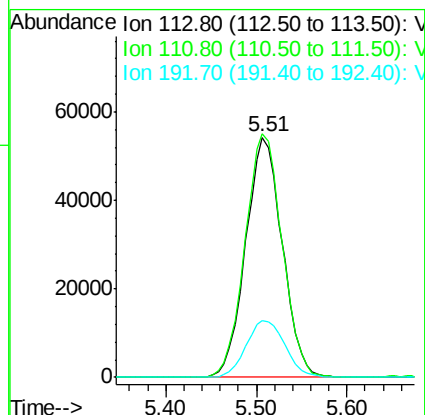
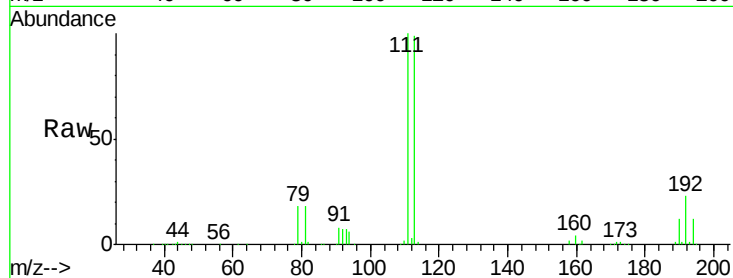




#35
 Dibromofluoromethane
 Concen: 48.164 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003228.D
 Acq: 06 Jul 2018 22:26

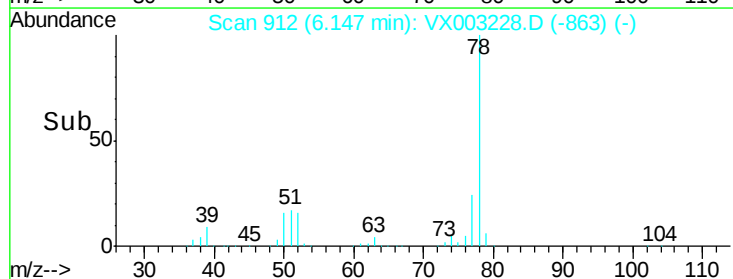
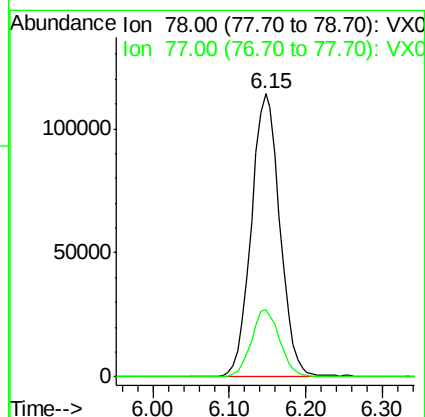
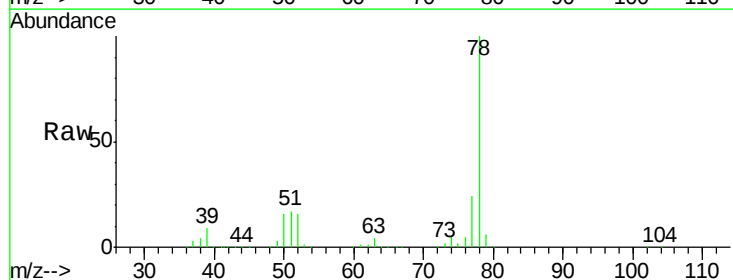
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0141

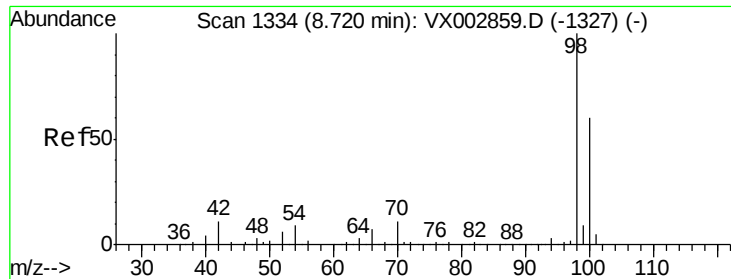
Tot Ion:113 Resp: 151373
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.0
 192 25.0 19.1 28.7



#40
 Benzene
 Concen: 23.549 ug/l
 RT: 6.15 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: VX003228.D
 Acq: 06 Jul 2018 22:26

Tgt Ion: 78 Resp: 297791
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.1 28.7

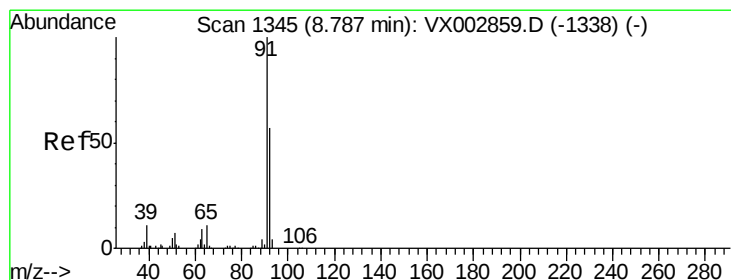
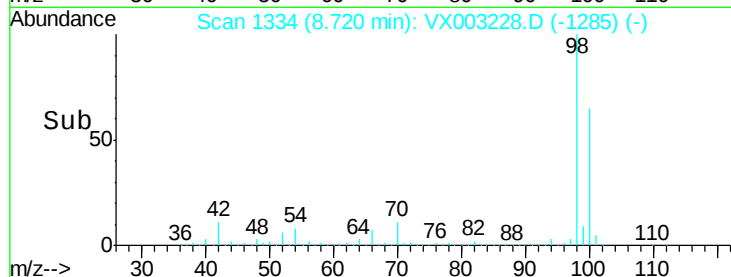
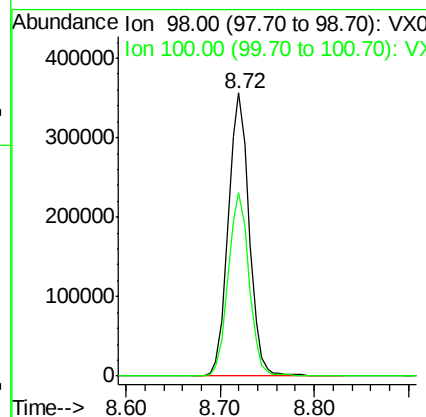
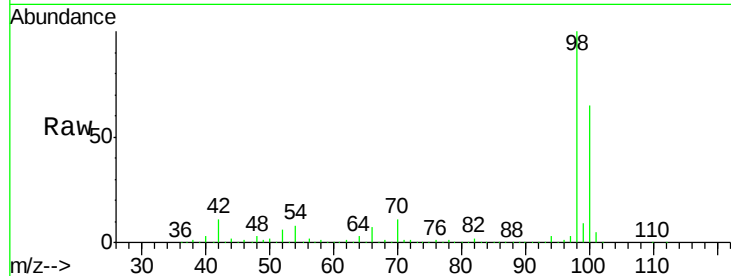




#50
Toluene-d8
Concen: 47.898 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003228.D
Acq: 06 Jul 2018 22:26

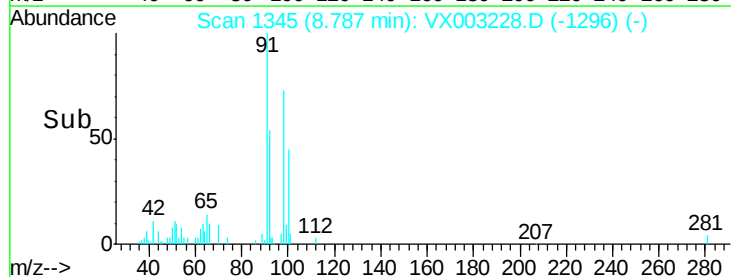
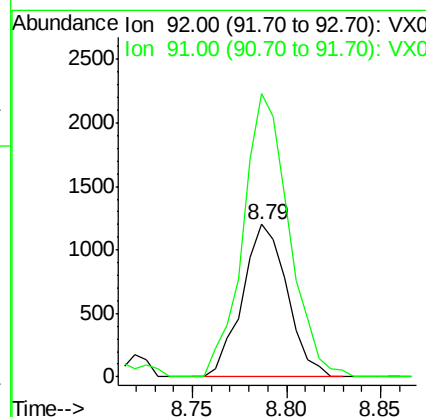
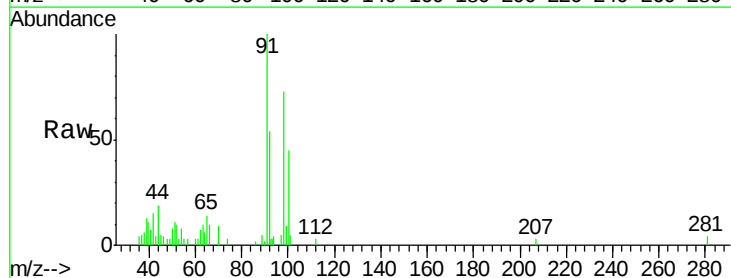
Instrument :
MSVOA_X
ClientSampleId :
S10-0141

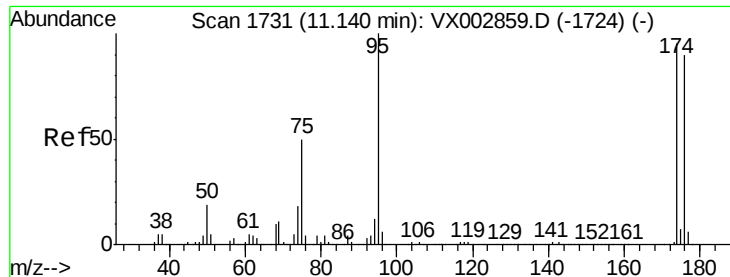
Tot Ion: 98 Resp: 549728
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



#52
Toluene
Concen: 0.245 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003228.D
Acq: 06 Jul 2018 22:26

Tgt Ion: 92 Resp: 1984
Ion Ratio Lower Upper
92 100
91 190.1 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 43.586 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003228.D

Acq: 06 Jul 2018 22:26

Instrument :

MSVOA_X

ClientSampleId :

S10-0141

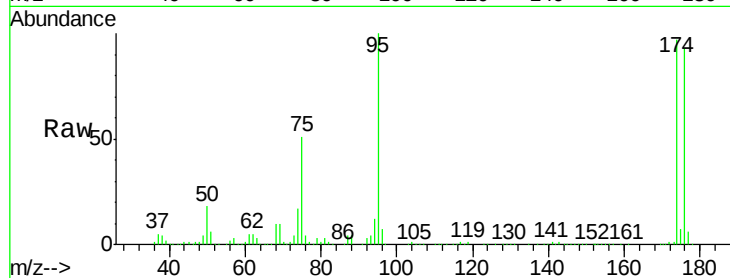
Tot Ion: 95 Resp: 192920

Ion Ratio Lower Upper

95 100

174 99.2 0.0 187.4

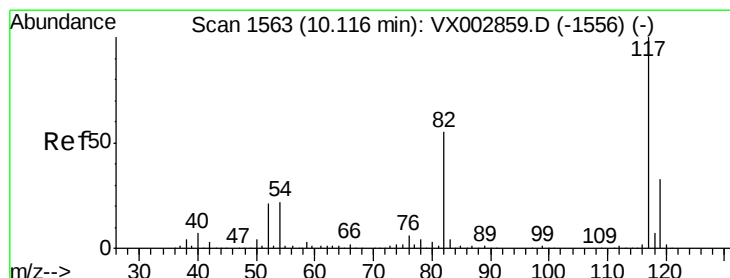
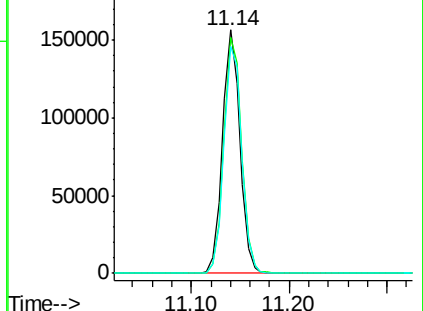
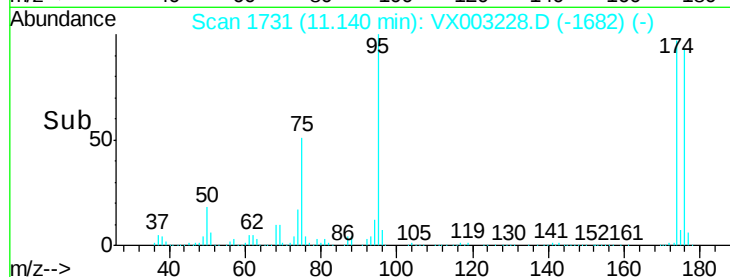
176 96.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003228.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003228.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003228.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003228.D

Acq: 06 Jul 2018 22:26

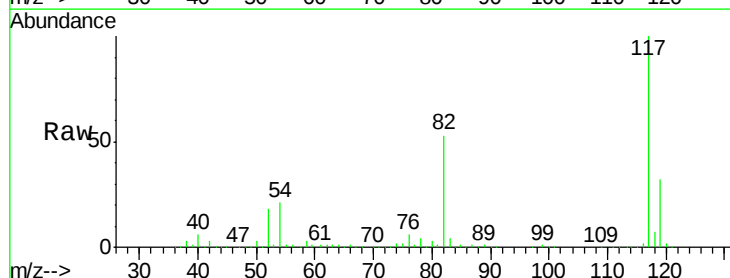
Tgt Ion: 117 Resp: 368566

Ion Ratio Lower Upper

117 100

82 52.8 45.0 67.4

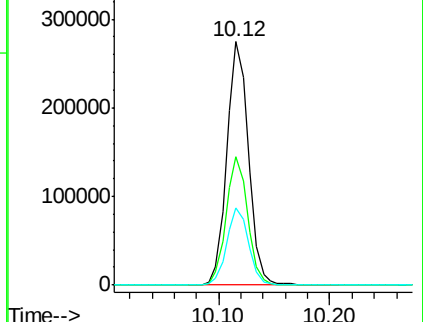
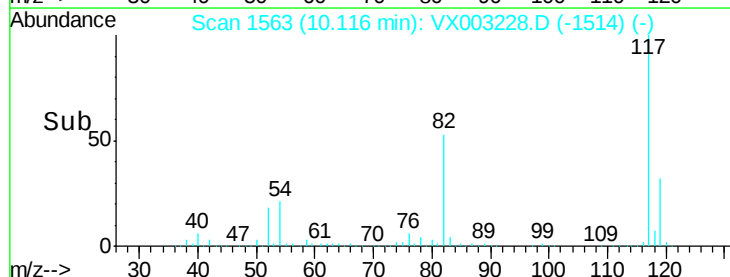
119 31.9 25.8 38.6

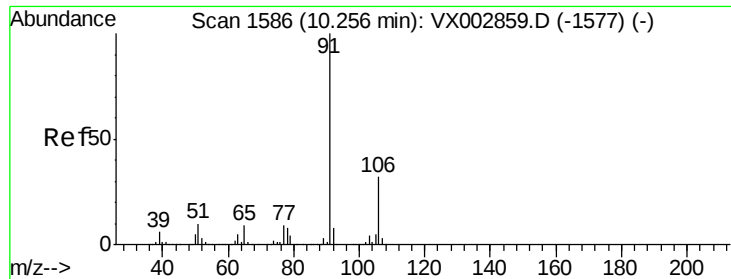


Abundance Ion 116.90 (116.60 to 117.60): VX003228.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003228.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003228.D (-1514) (-)

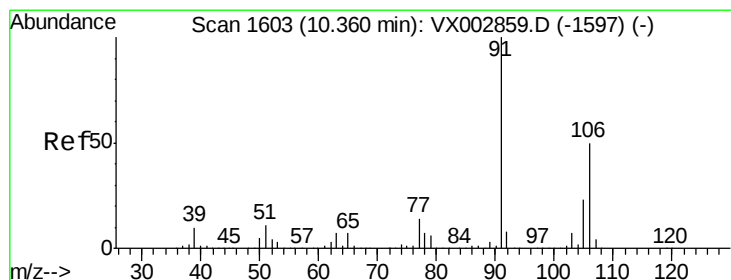
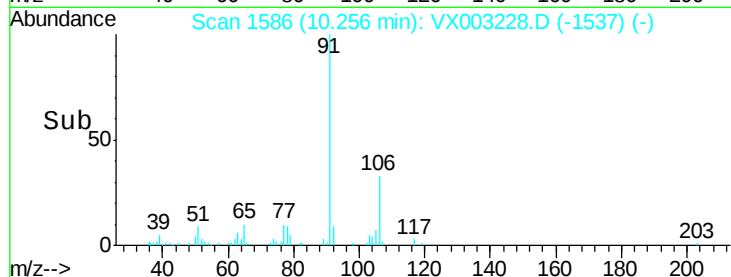
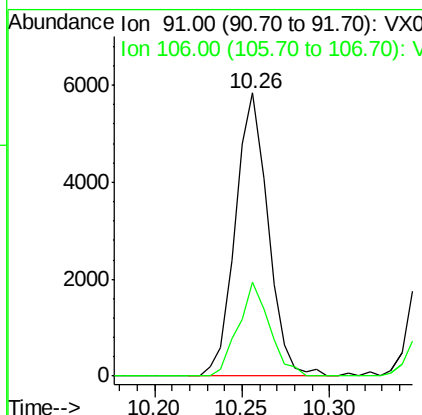
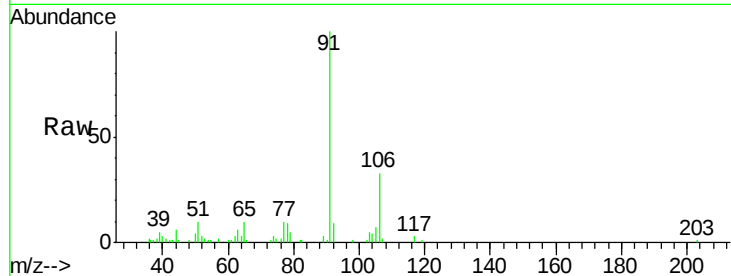




#67
Ethyl Benzene
Concen: 0.492 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003228.D
Acq: 06 Jul 2018 22:26

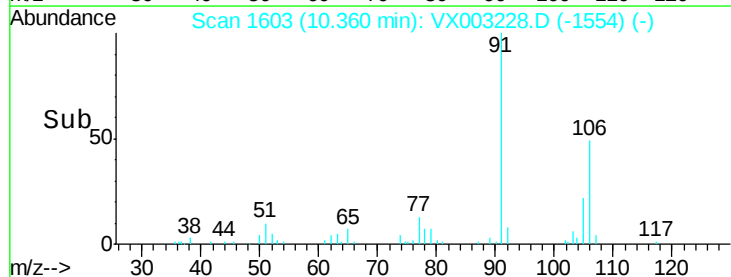
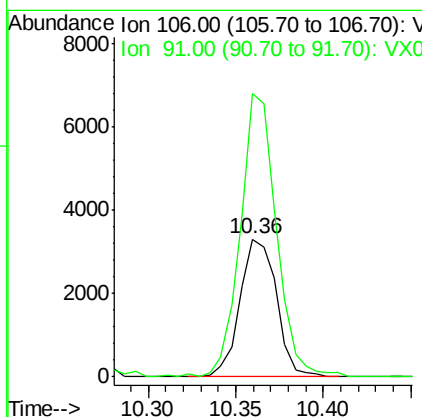
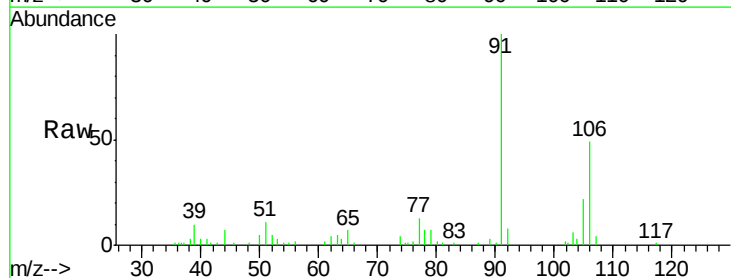
Instrument :
MSVOA_X
ClientSampleId :
S10-0141

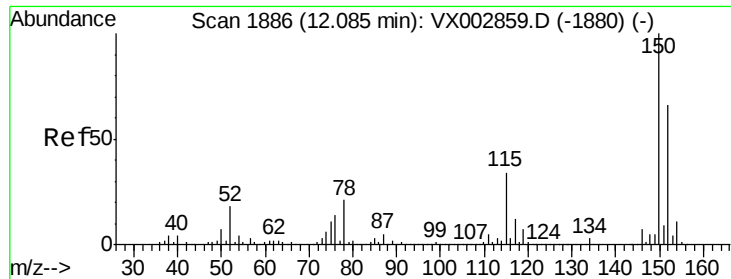
Tot Ion: 91 Resp: 7615
Ion Ratio Lower Upper
91 100
106 33.3 25.5 38.3



#68
m/p-Xylenes
Concen: 0.810 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003228.D
Acq: 06 Jul 2018 22:26

Tgt Ion: 106 Resp: 4829
Ion Ratio Lower Upper
106 100
91 202.9 163.4 245.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003228.D

Acq: 06 Jul 2018 22:26

Instrument :

MSVOA_X

ClientSampleId :

S10-0141

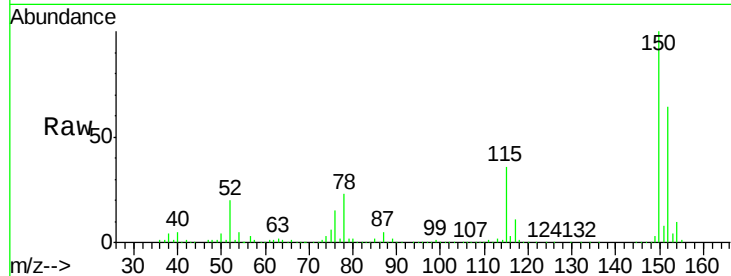
Tot Ion:152 Resp: 208624

Ion Ratio Lower Upper

152 100

115 53.4 40.1 120.2

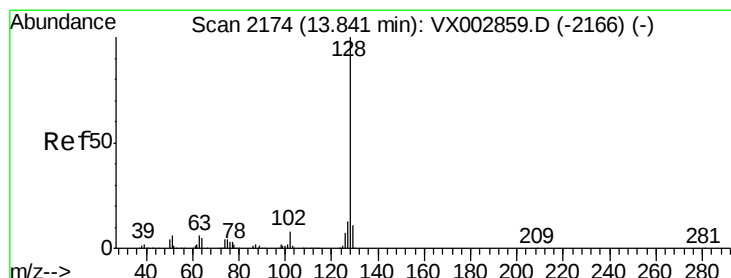
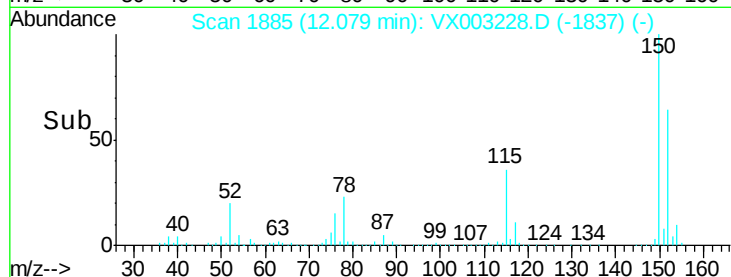
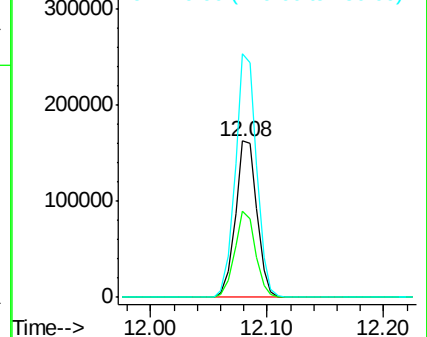
150 154.3 0.0 347.2



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: 0.293 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003228.D

Acq: 06 Jul 2018 22:26

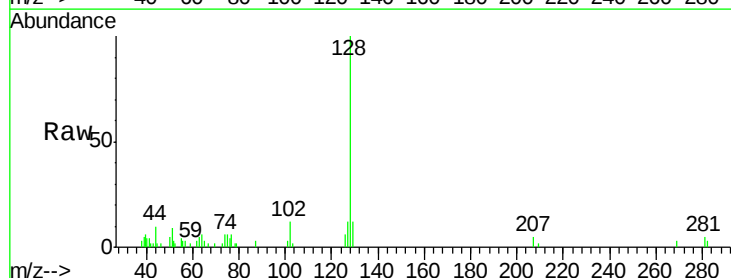
Tgt Ion:128 Resp: 4190

Ion Ratio Lower Upper

128 100

127 15.1 10.4 15.6

129 11.1 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

