

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002078.D
 Acq On : 27 May 2018 19:31
 Operator : JC/MD
 Sample : J3130-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 29 08:37:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

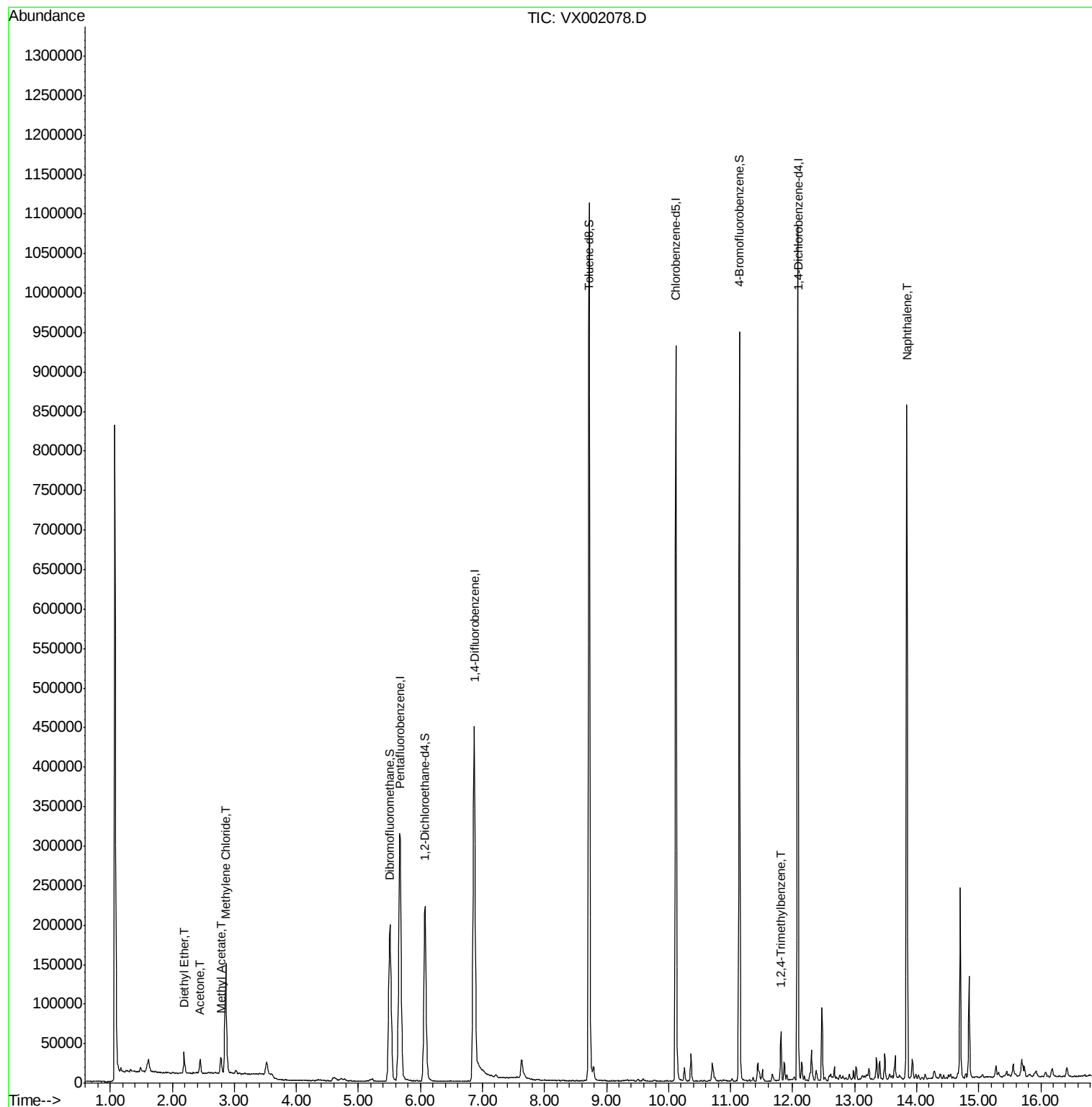
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	318574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	444370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	402916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	227171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	208296	36.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.16%	
35) Dibromofluoromethane	5.51	113	162589	36.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.18%	
50) Toluene-d8	8.72	98	634935	39.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.94%	
62) 4-Bromofluorobenzene	11.14	95	228485	36.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.60%	
Target Compounds						
8) Diethyl Ether	2.19	74	8910	3.46	ug/l	Qvalue 100
16) Acetone	2.45	43	19044	8.67	ug/l	98
18) Methyl Acetate	2.78	43	25198	3.71	ug/l	97
20) Methylene Chloride	2.86	84	64445	15.80	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	23927	1.41	ug/l	98
95) Naphthalene	13.84	128	531383	25.90	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002078.D

Acq: 27 May 2018 19:31

Instrument :

MSVOA_X

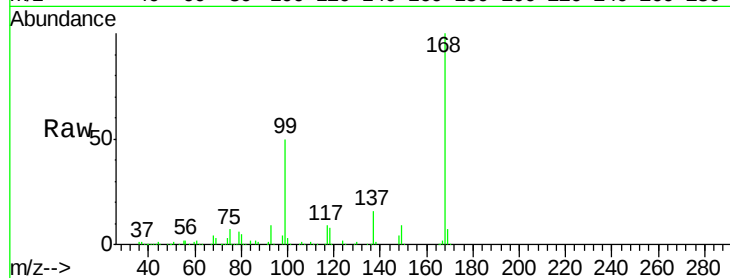
ClientSampled :

Tot Ion:168 Resp: 318574

Ion Ratio Lower Upper

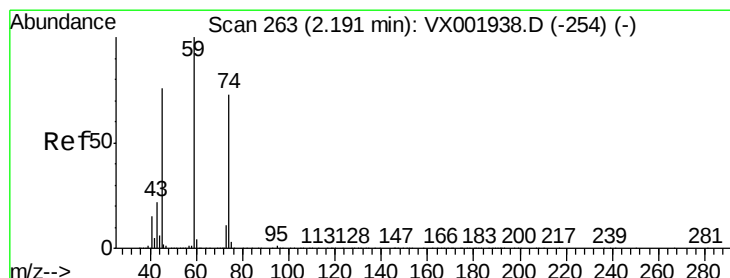
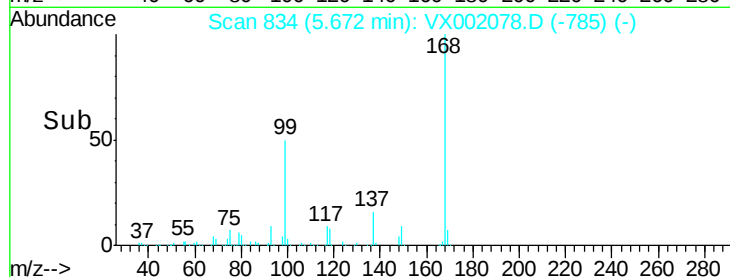
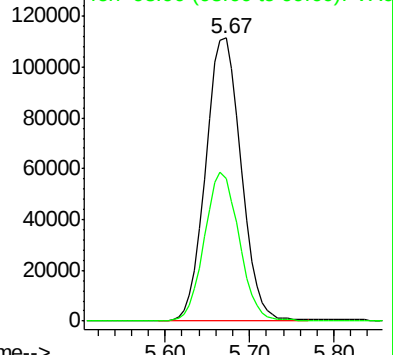
168 100

99 50.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 3.46 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002078.D

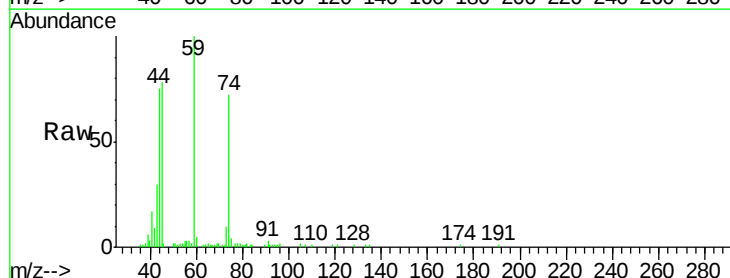
Acq: 27 May 2018 19:31

Tgt Ion: 74 Resp: 8910

Ion Ratio Lower Upper

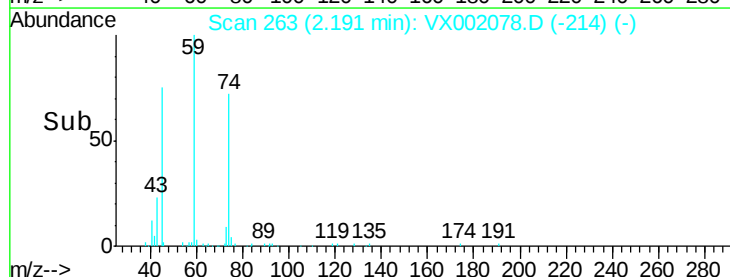
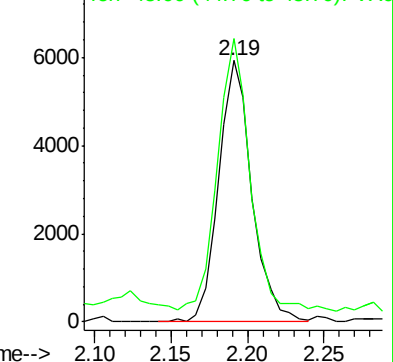
74 100

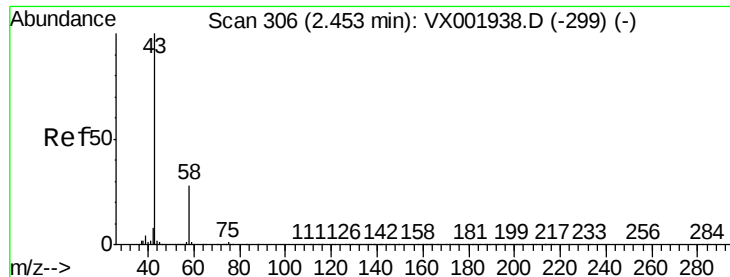
45 102.9 51.5 154.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#16

Acetone

Concen: 8.67 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002078.D

Acq: 27 May 2018 19:31

Instrument :

MSVOA_X

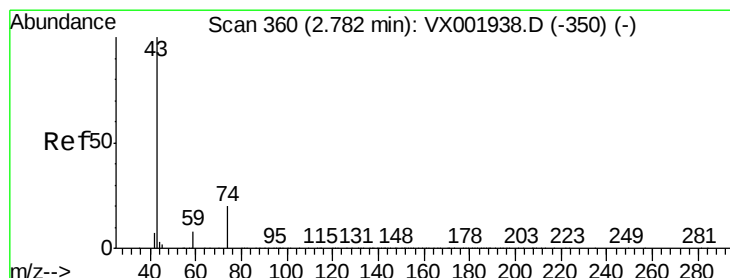
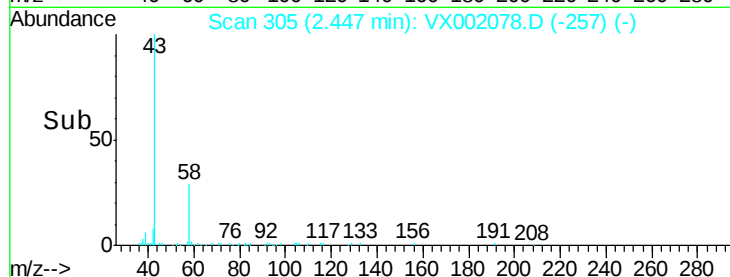
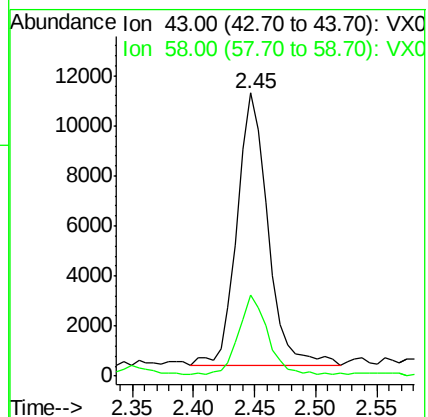
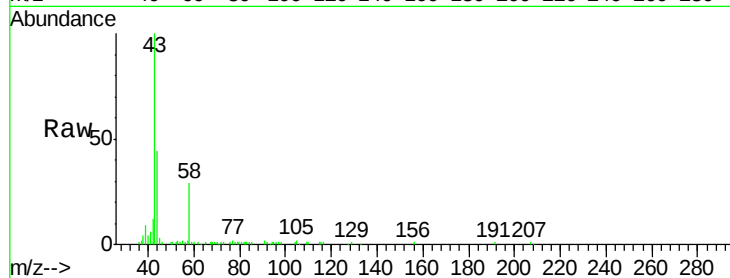
ClientSampleId :

Tot Ion: 43 Resp: 19044

Ion Ratio Lower Upper

43 100

58 29.2 22.3 33.5



#18

Methyl Acetate

Concen: 3.71 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002078.D

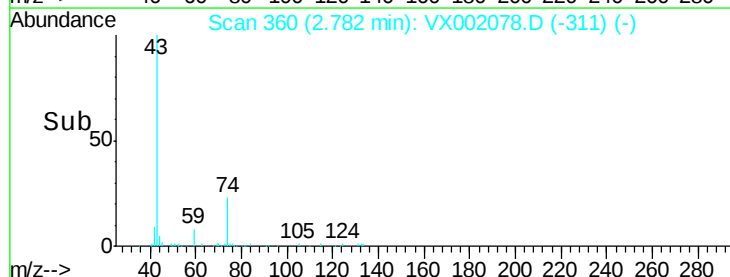
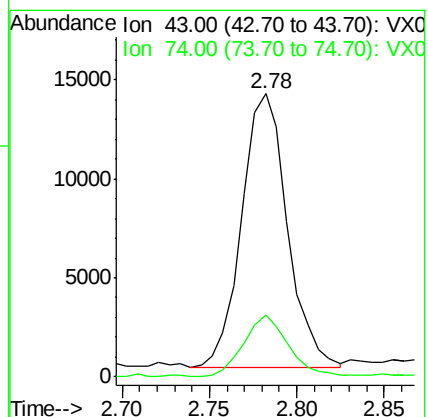
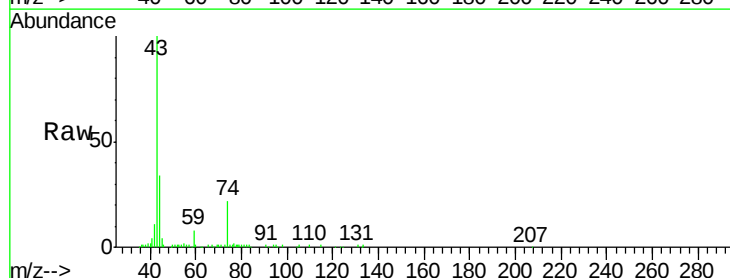
Acq: 27 May 2018 19:31

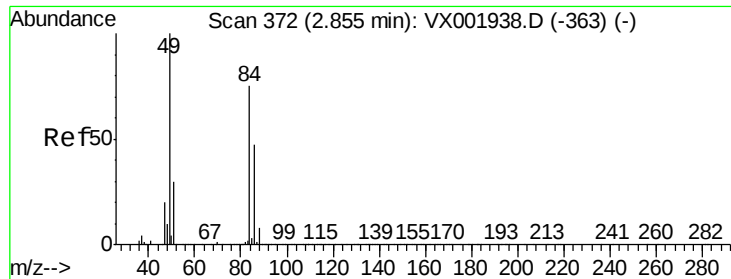
Tgt Ion: 43 Resp: 25198

Ion Ratio Lower Upper

43 100

74 22.6 16.8 25.2

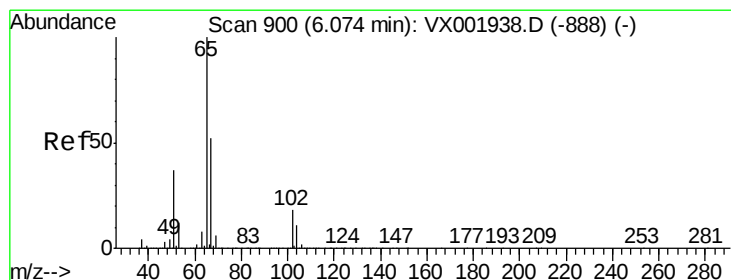
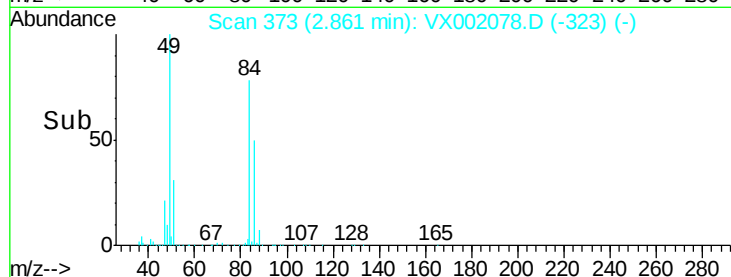
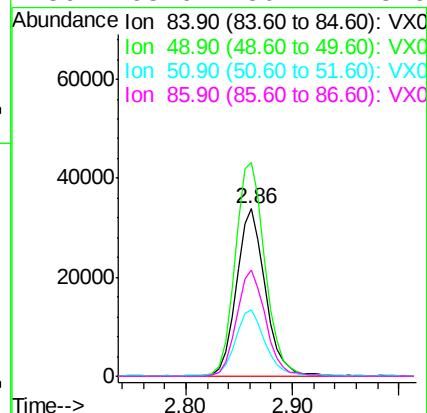
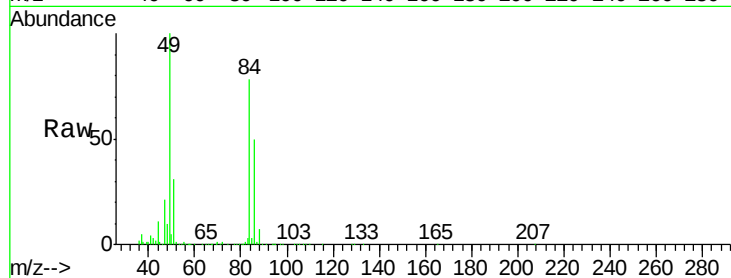




#20
Methvlene Chloride
Concen: 15.80 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002078.D
Acq: 27 May 2018 19:31

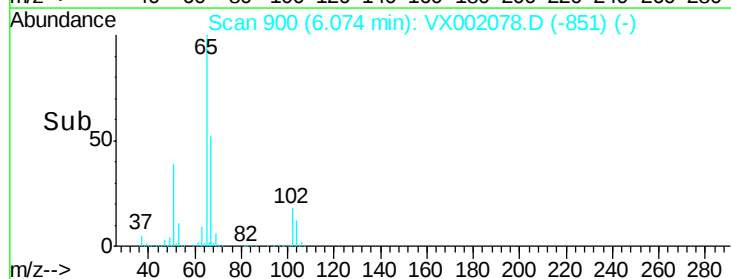
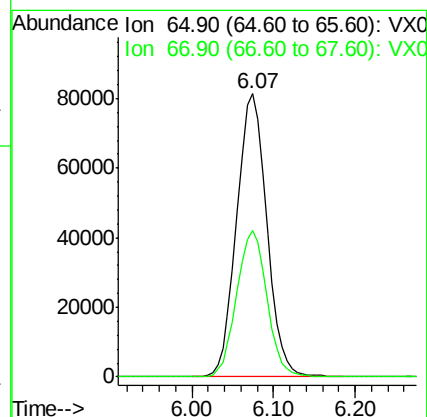
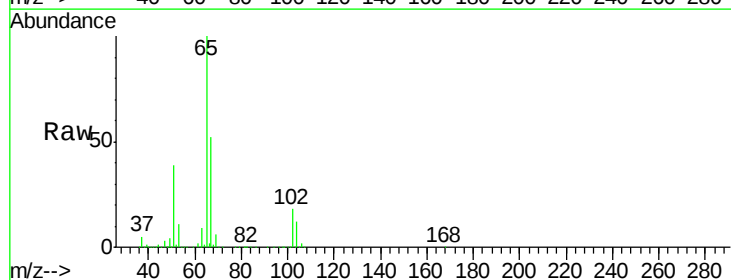
Instrument :
MSVOA_X
ClientSampleId :

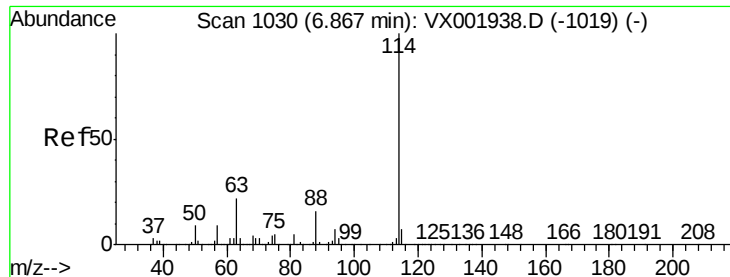
Tot Ion: 84 Resp: 64445
Ion Ratio Lower Upper
84 100
49 127.8 107.2 160.8
51 39.4 32.4 48.6
86 63.6 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 36.58 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002078.D
Acq: 27 May 2018 19:31

Tgt Ion: 65 Resp: 208296
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002078.D

Acq: 27 May 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

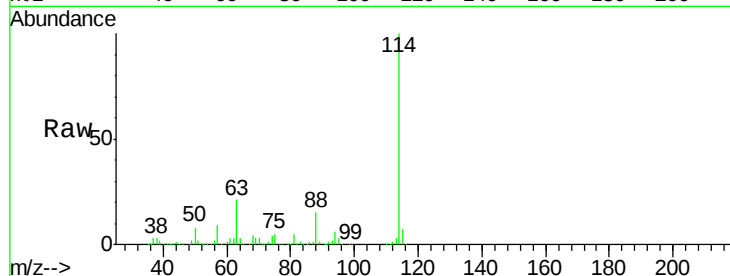
Tot Ion:114 Resp: 444370

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

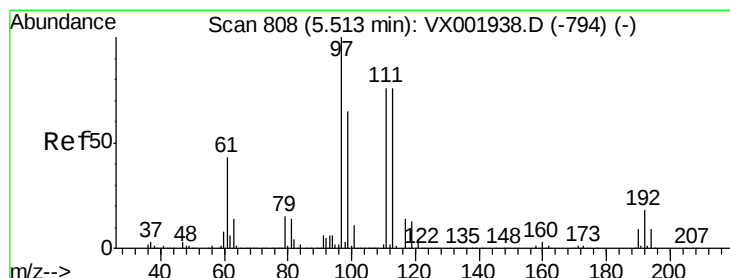
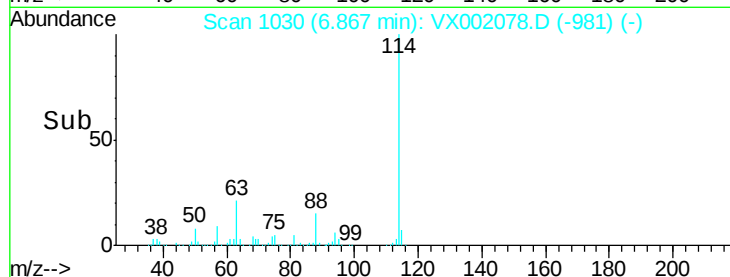
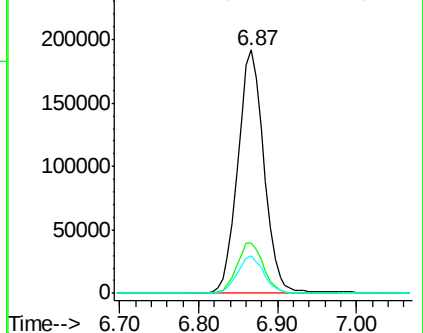
88 15.4 0.0 31.6



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: 36.59 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002078.D

Acq: 27 May 2018 19:31

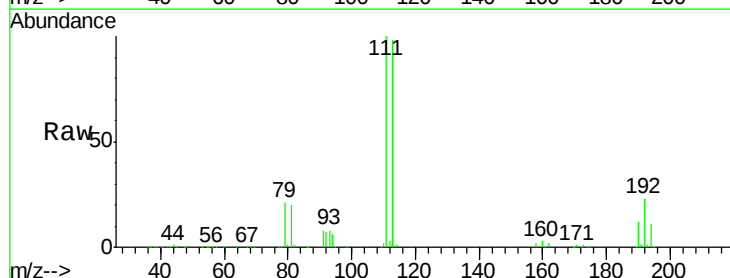
Tgt Ion:113 Resp: 162589

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

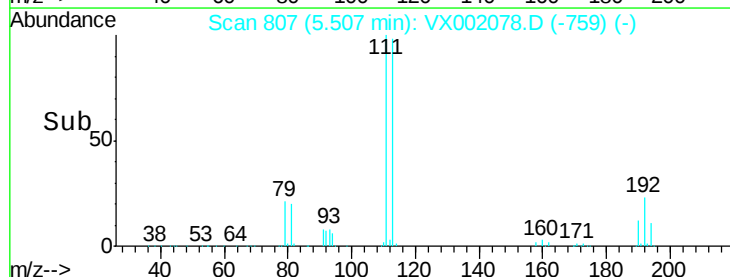
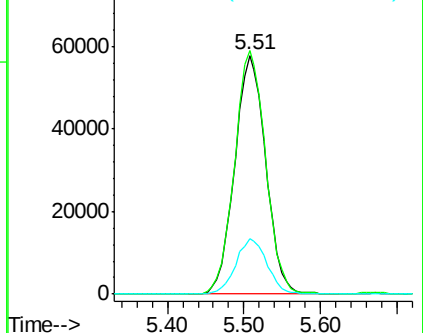
192 23.3 18.9 28.3

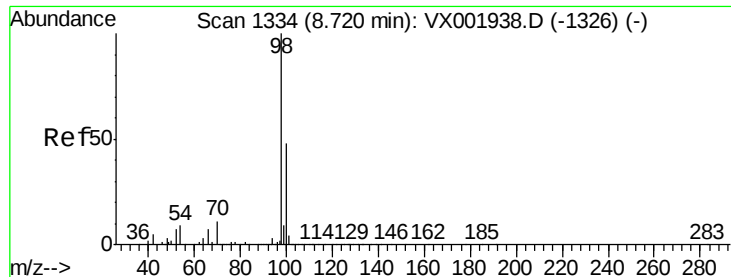


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

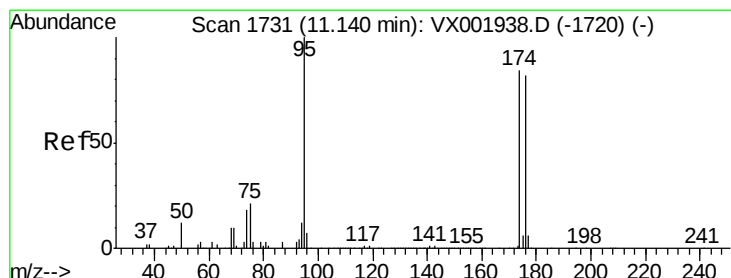
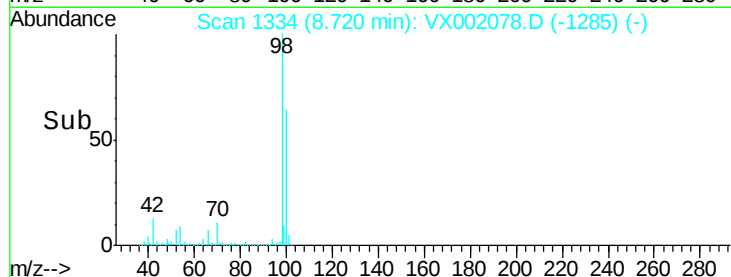
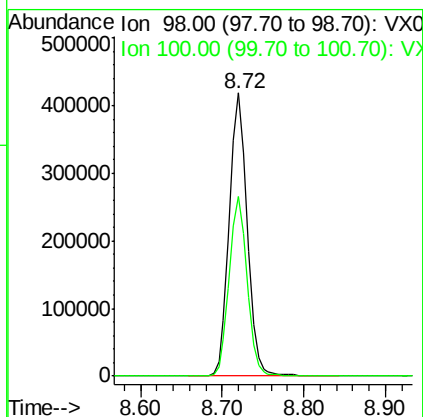
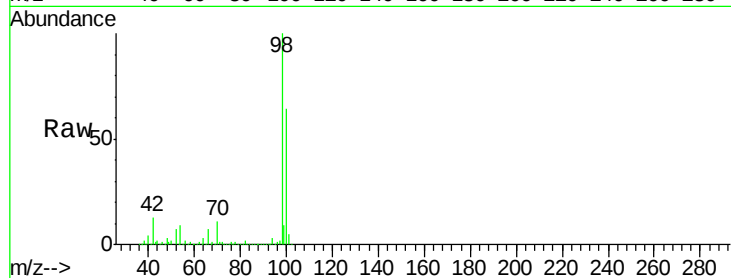




#50
Toluene-d8
Concen: 39.47 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002078.D
Acq: 27 May 2018 19:31

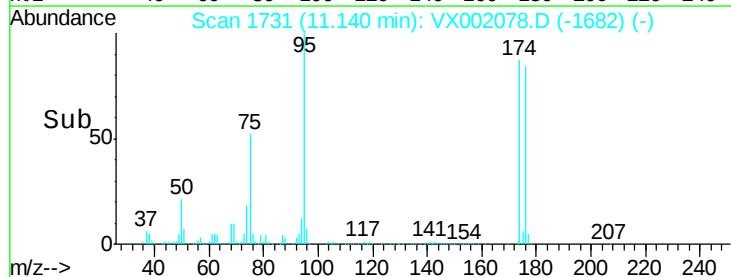
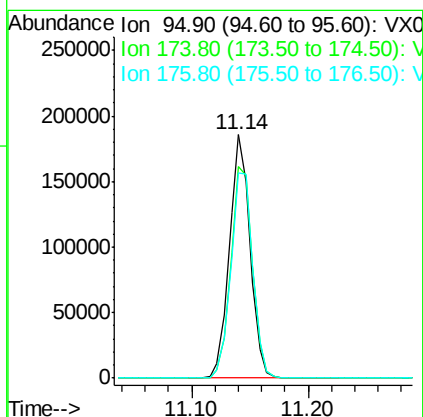
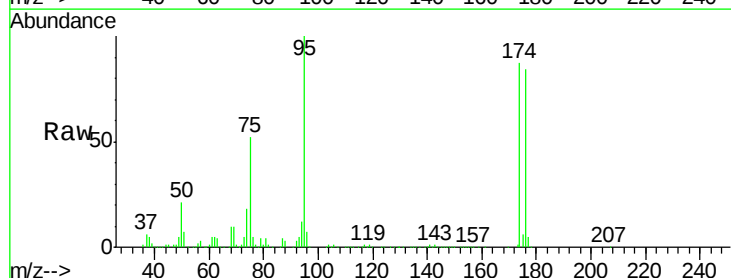
Instrument :
MSVOA_X
ClientSampleId :

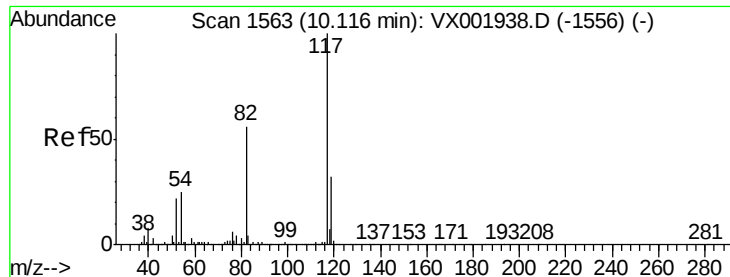
Tot Ion: 98 Resp: 634935
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 36.30 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002078.D
Acq: 27 May 2018 19:31

Tgt Ion: 95 Resp: 228485
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.8
176 90.3 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002078.D

Acq: 27 May 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

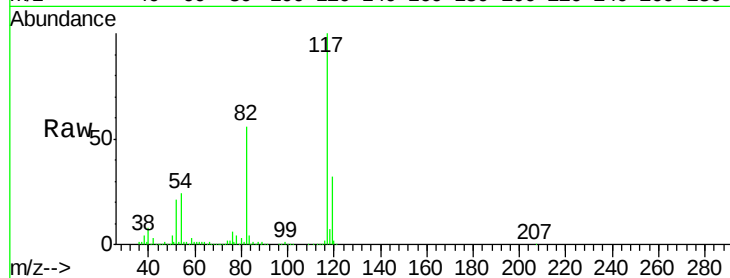
Tot Ion:117 Resp: 402916

Ion Ratio Lower Upper

117 100

82 55.6 44.8 67.2

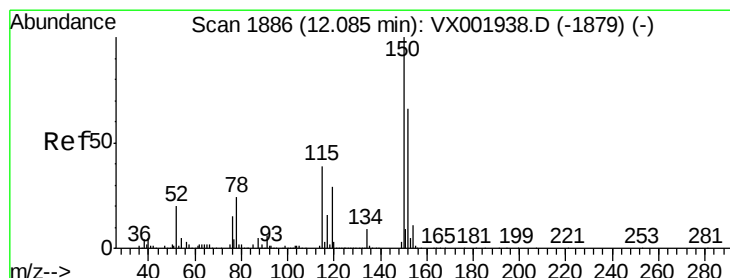
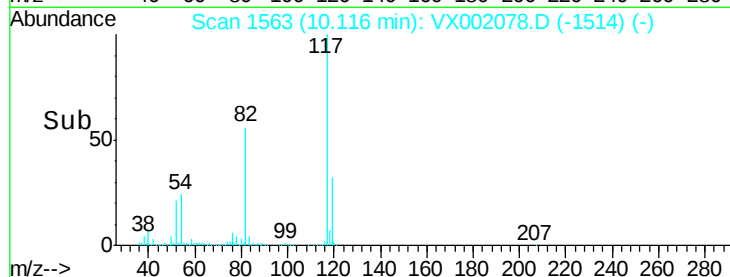
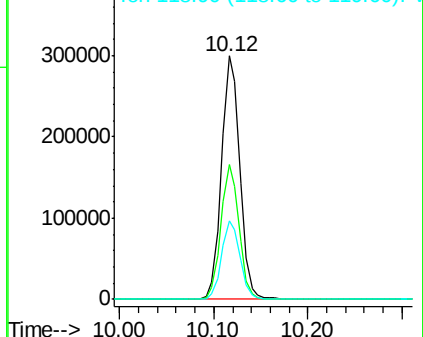
119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002078.D

Acq: 27 May 2018 19:31

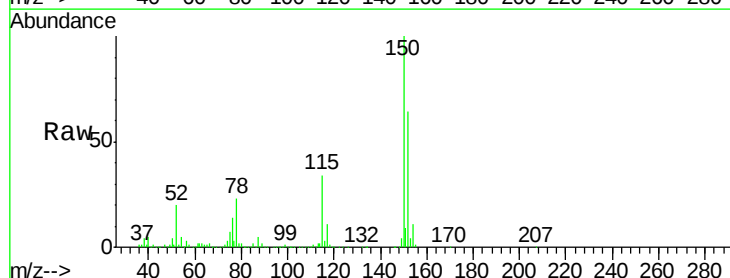
Tgt Ion:152 Resp: 227171

Ion Ratio Lower Upper

152 100

115 55.4 42.3 126.8

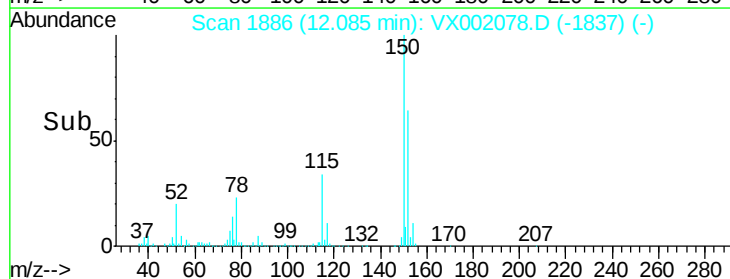
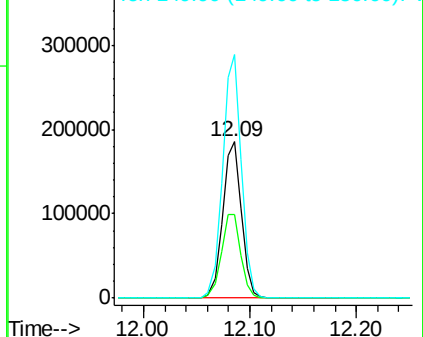
150 155.5 0.0 351.0

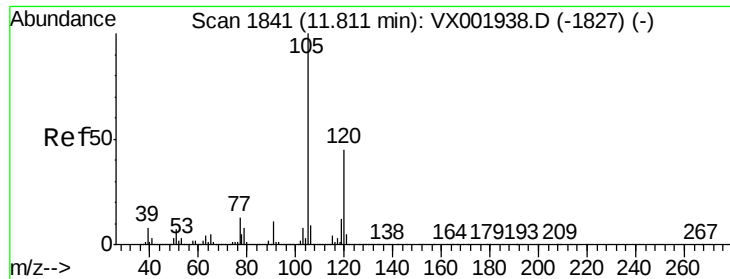


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.41 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002078.D

Acq: 27 May 2018 19:31

Instrument :

MSVOA_X

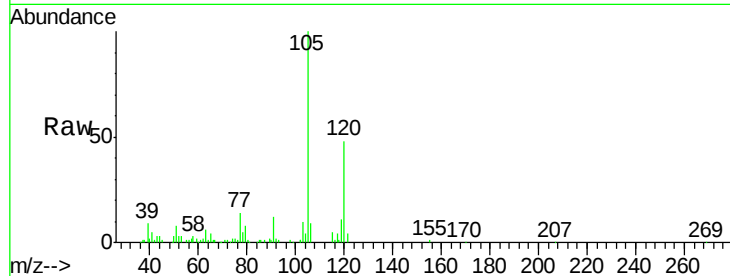
ClientSampleId :

Tot Ion:105 Resp: 23927

Ion Ratio Lower Upper

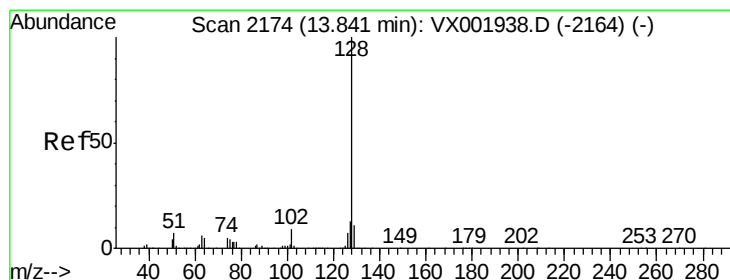
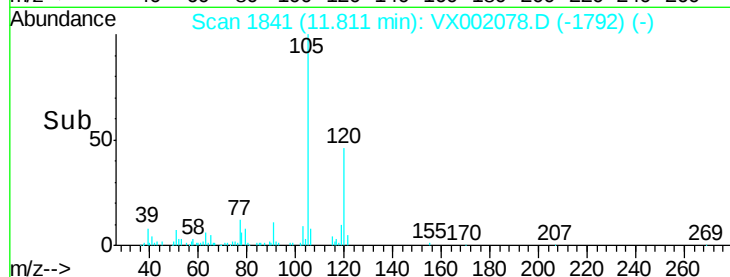
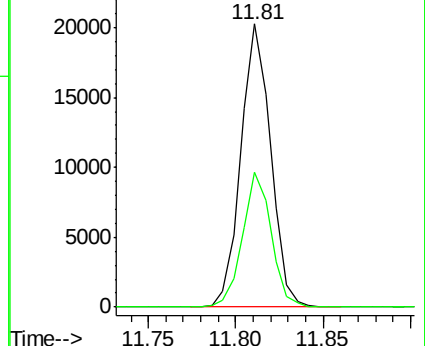
105 100

120 45.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 25.90 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002078.D

Acq: 27 May 2018 19:31

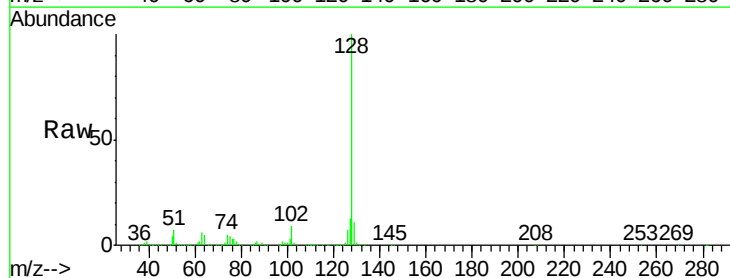
Tgt Ion:128 Resp: 531383

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.8 13.2



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

