

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006964.D
 Acq On : 09 Jan 2019 14:46
 Operator : JC/MD
 Sample : K1082-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-4

Quant Time: Jan 10 01:34:21 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

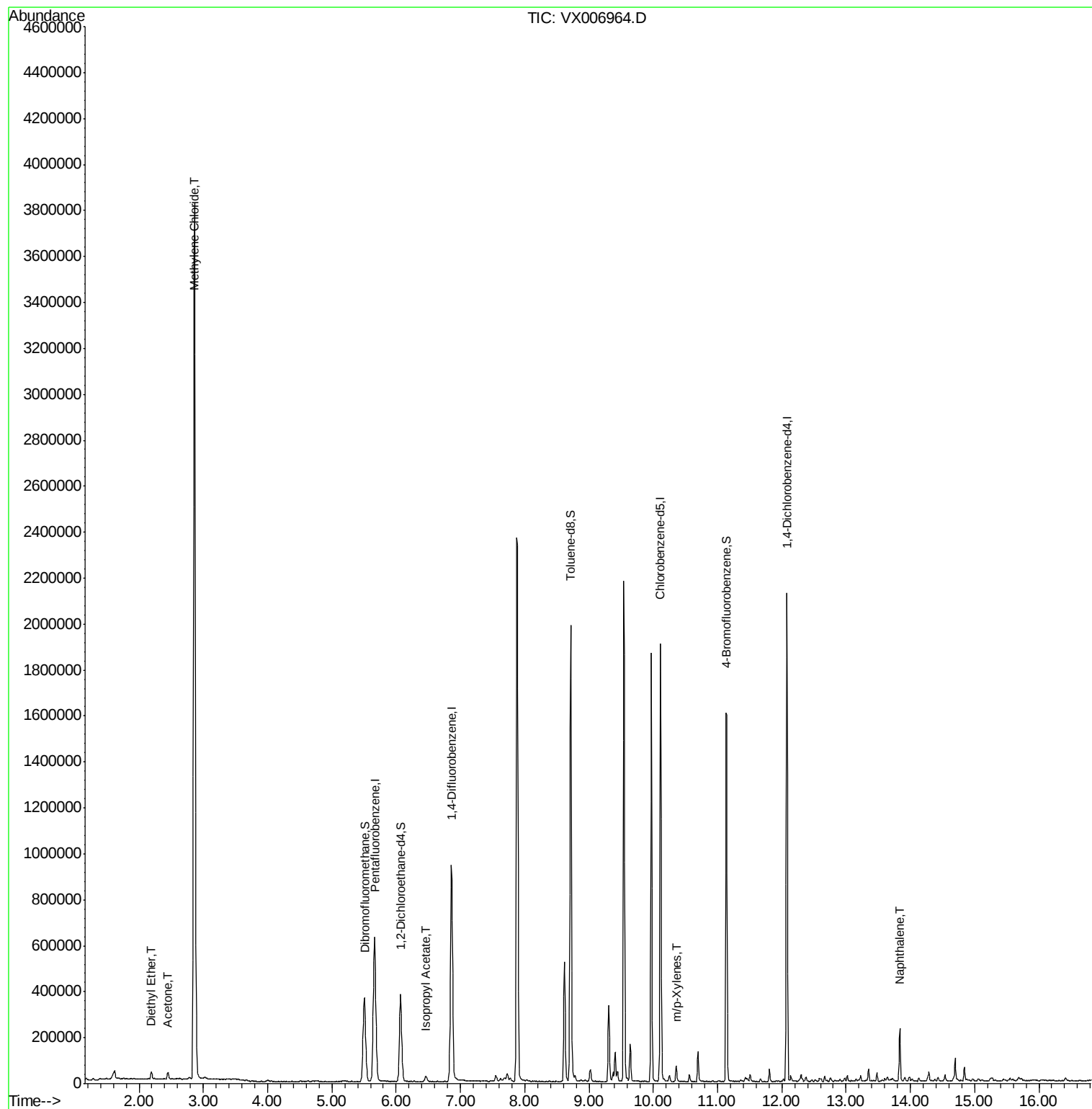
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	653185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1001190	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	928685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	444130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	347120	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
35) Dibromofluoromethane	5.51	113	312411	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	1196841	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.13	95	419943	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
Target Compounds						
8) Diethyl Ether	2.19	74	11093	2.569	ug/l	94
16) Acetone	2.45	43	31821	9.429	ug/l	96
20) Methylene Chloride	2.86	84	1769390	278.243	ug/l	95
43) Isopropyl Acetate	6.46	43	33328	2.264	ug/l	98
68) m/p-Xylenes	10.36	106	16928	1.285	ug/l	95
95) Naphthalene	13.83	128	143900	4.497	ug/l	99

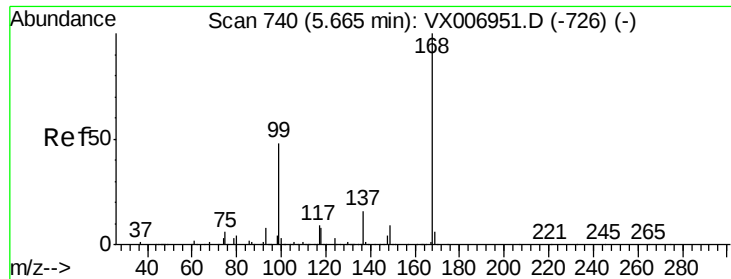
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006964.D

Acq: 09 Jan 2019 14:46

Instrument :

MSVOA_X

ClientSampled :

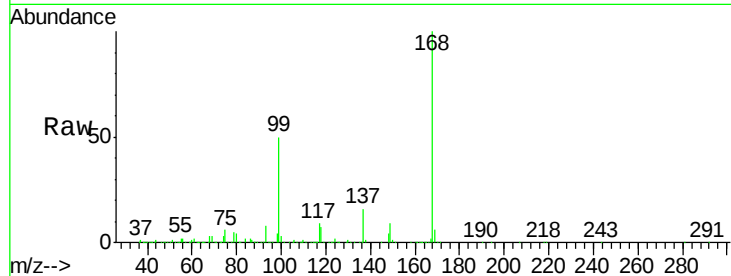
SP-1-4

Tot Ion:168 Resp: 653185

Ion Ratio Lower Upper

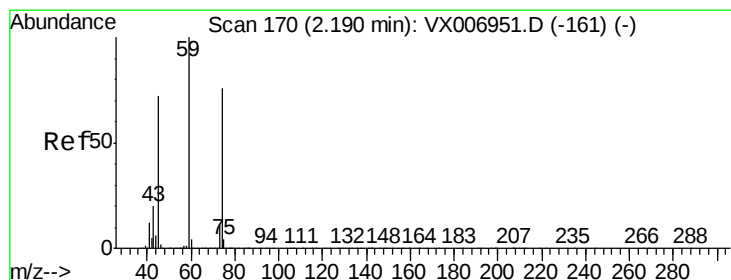
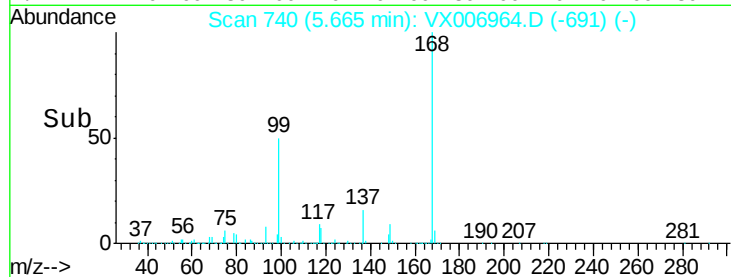
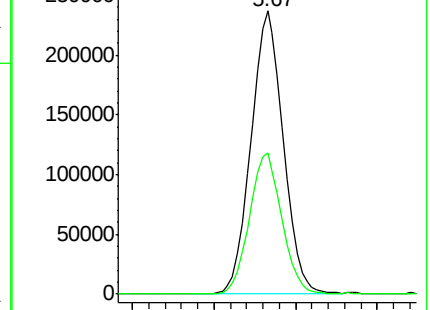
168 100

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



#8

Diethyl Ether

Concen: 2.569 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX006964.D

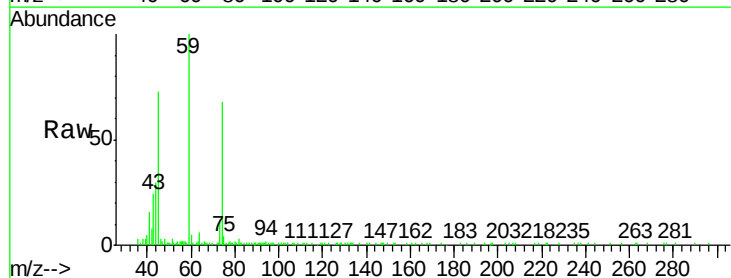
Acq: 09 Jan 2019 14:46

Tgt Ion: 74 Resp: 11093

Ion Ratio Lower Upper

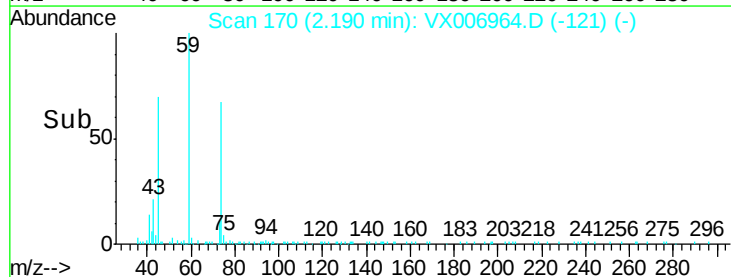
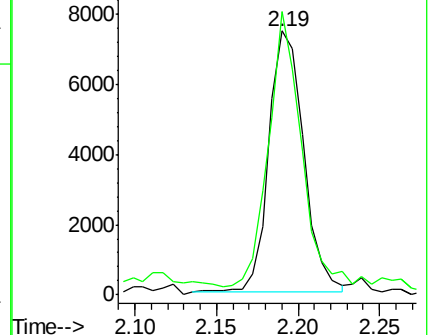
74 100

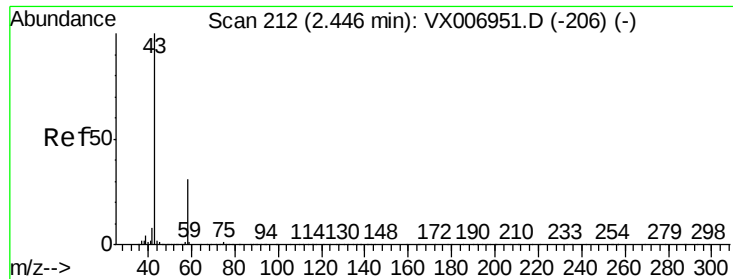
45 98.5 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

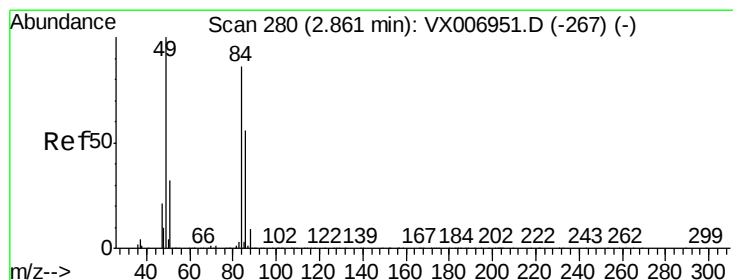
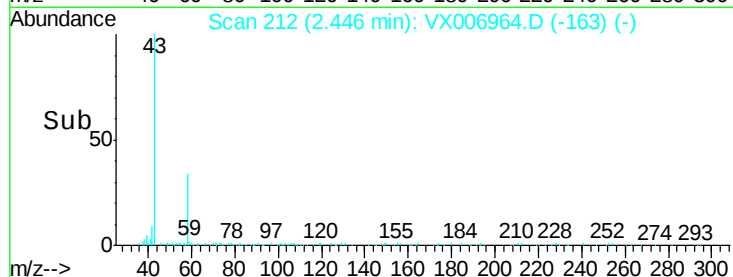
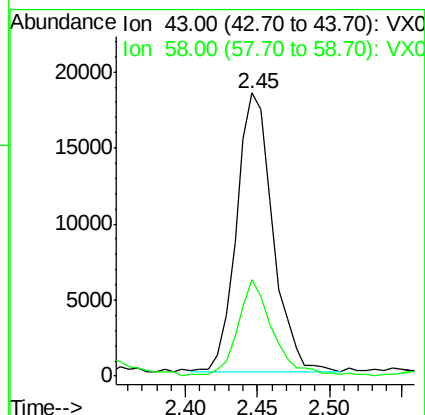
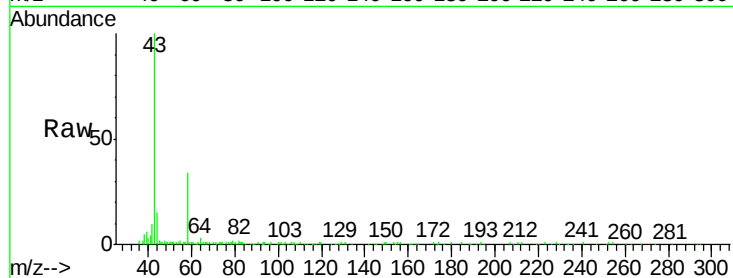




#16
Acetone
Concen: 9.429 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006964.D
Acq: 09 Jan 2019 14:46

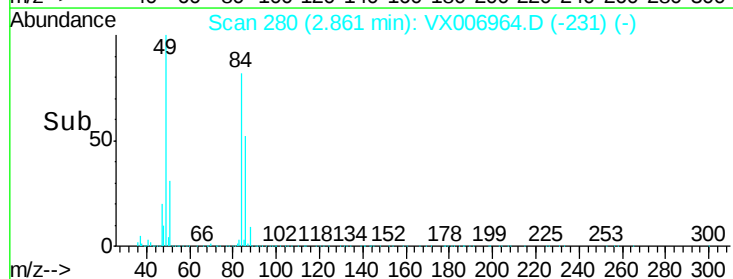
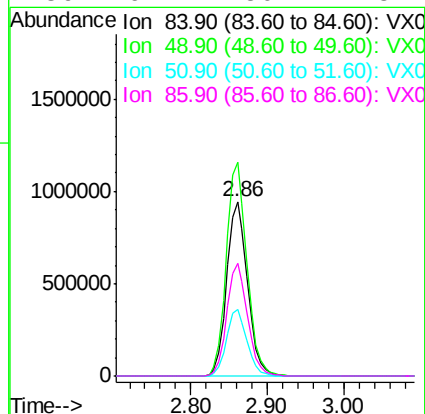
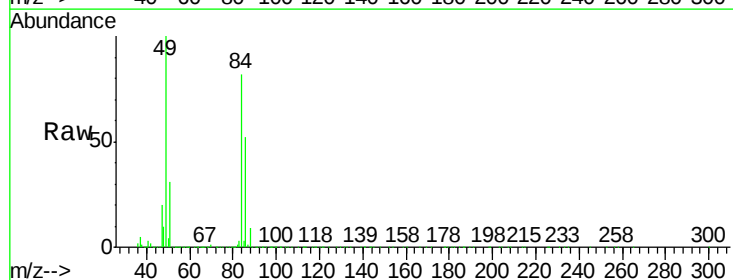
Instrument :
MSVOA_X
ClientSampleId :
SP-1-4

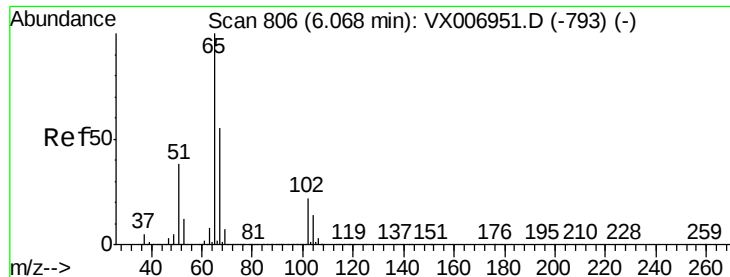
Tot Ion: 43 Resp: 31821
Ion Ratio Lower Upper
43 100
58 33.7 25.0 37.6



#20
Methylene Chloride
Concen: 278.243 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006964.D
Acq: 09 Jan 2019 14:46

Tgt Ion: 84 Resp: 1769390
Ion Ratio Lower Upper
84 100
49 122.3 91.8 137.6
51 37.8 28.5 42.7
86 64.2 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 50.850 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006964.D

Acq: 09 Jan 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

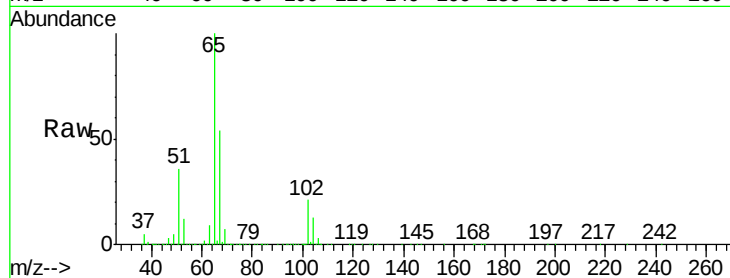
SP-1-4

Tot Ion: 65 Resp: 347120

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

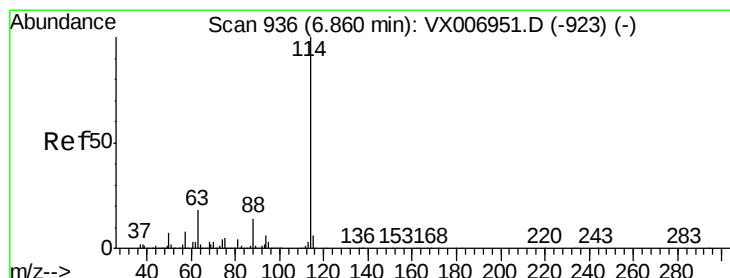
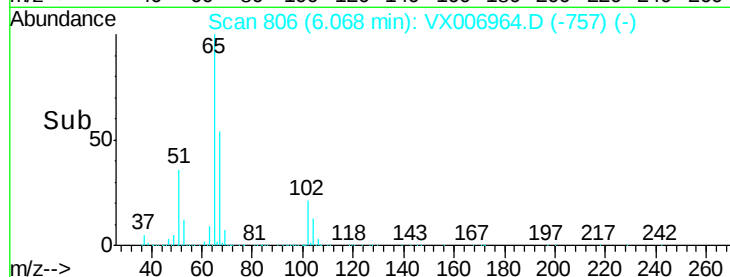
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006964.D

Acq: 09 Jan 2019 14:46

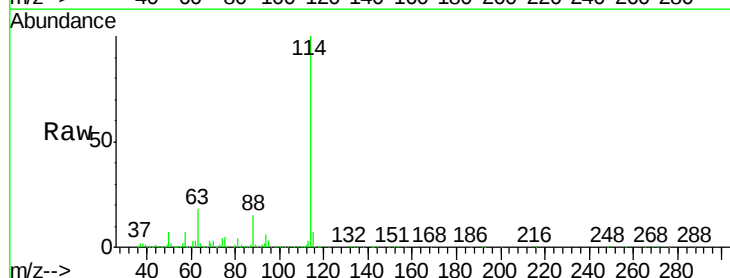
Tgt Ion: 114 Resp: 1001190

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

88 14.5 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

6.86

600000

500000

400000

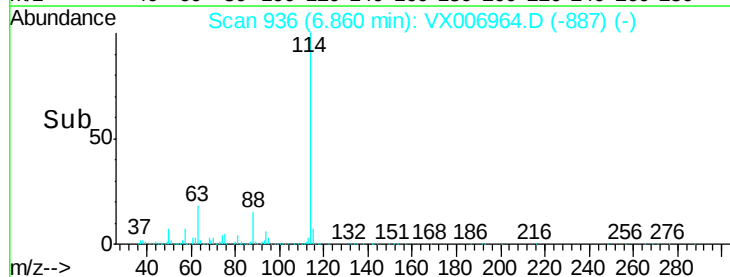
300000

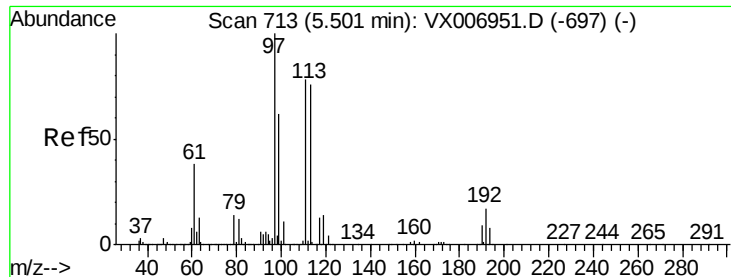
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.726 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006964.D

Acq: 09 Jan 2019 14:46

Instrument :

MSVOA_X

ClientSampled :

SP-1-4

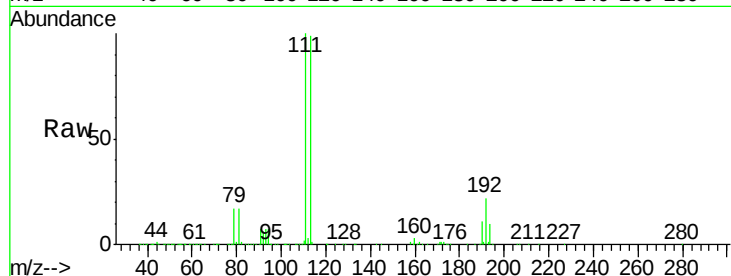
Tot Ion:113 Resp: 312411

Ion Ratio Lower Upper

113 100

111 100.8 81.6 122.4

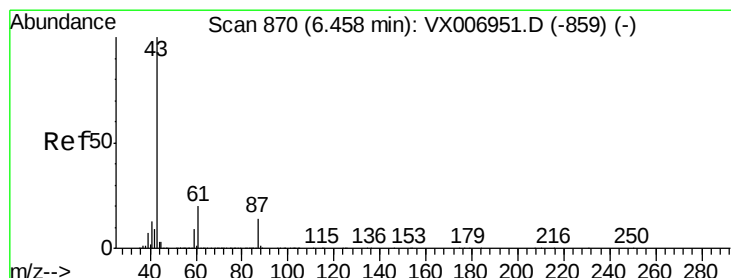
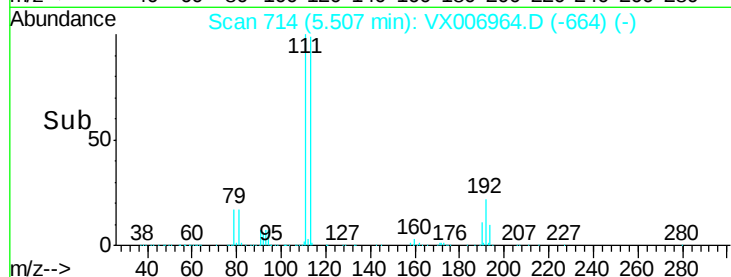
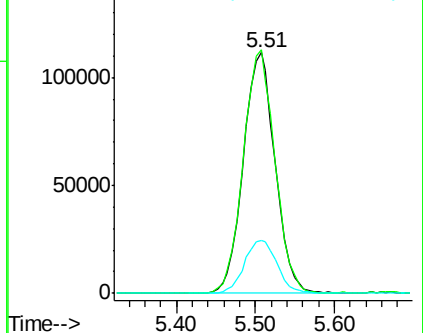
192 22.6 16.7 25.1



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: 2.264 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006964.D

Acq: 09 Jan 2019 14:46

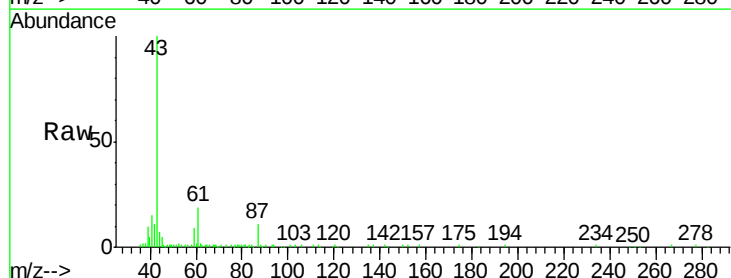
Tgt Ion: 43 Resp: 33328

Ion Ratio Lower Upper

43 100

61 21.9 16.8 25.2

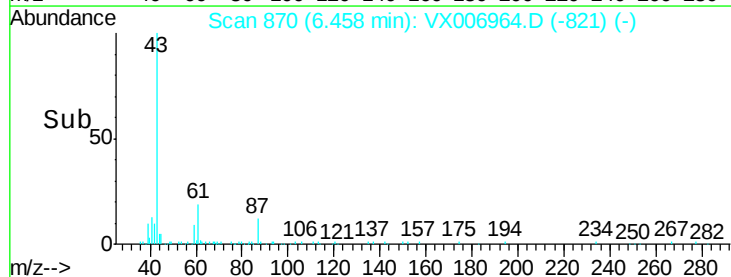
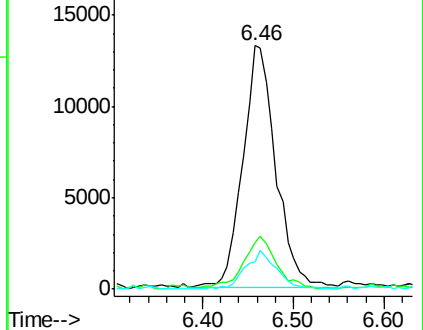
87 14.9 12.4 18.6

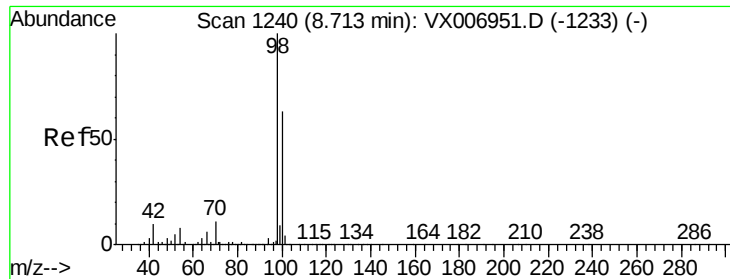


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

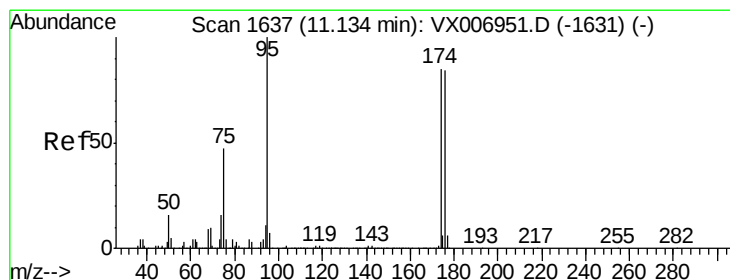
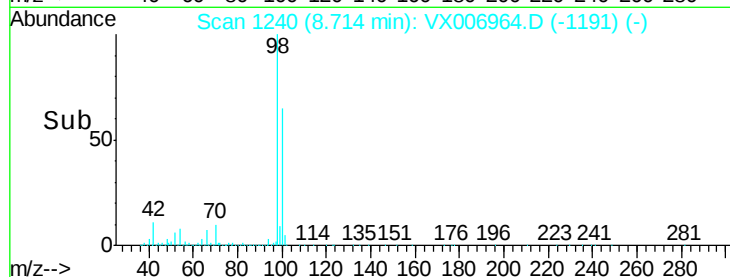
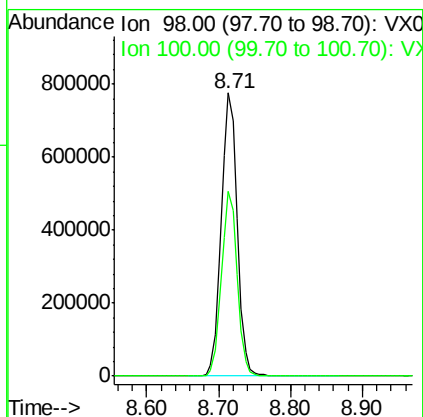
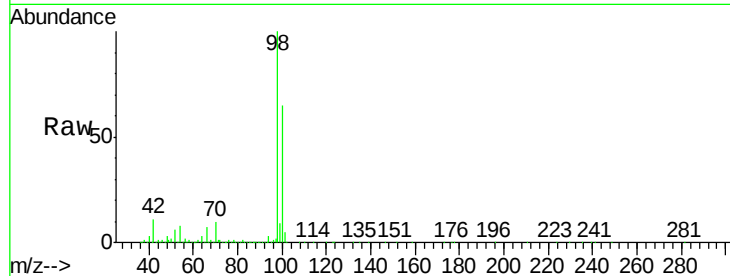




#50
Toluene-d8
Concen: 50.998 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006964.D
Acq: 09 Jan 2019 14:46

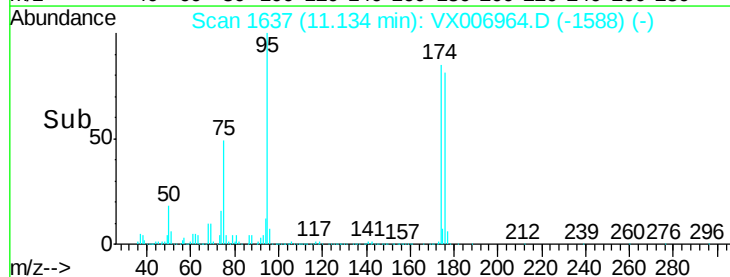
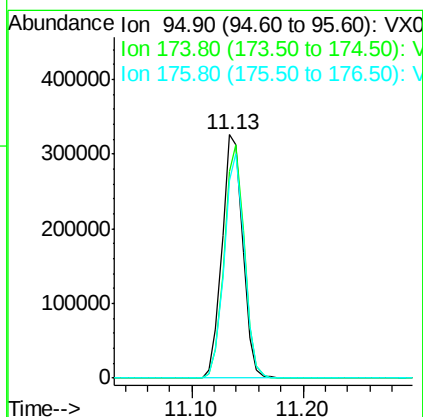
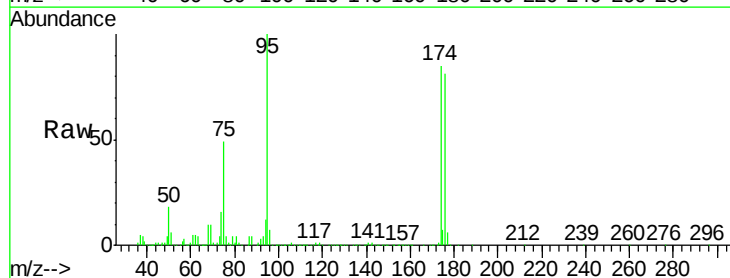
Instrument :
MSVOA_X
ClientSampleId :
SP-1-4

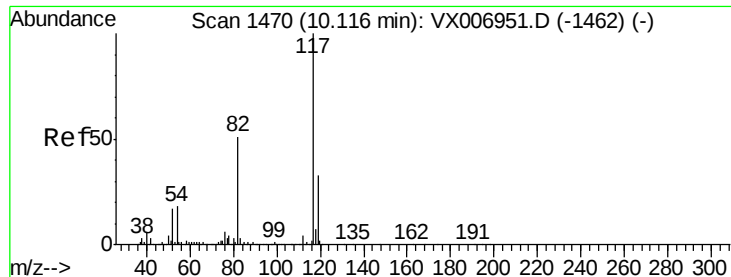
Tot Ion: 98 Resp: 1196841
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.328 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006964.D
Acq: 09 Jan 2019 14:46

Tgt Ion: 95 Resp: 419943
Ion Ratio Lower Upper
95 100
174 93.1 0.0 182.2
176 89.4 0.0 178.8

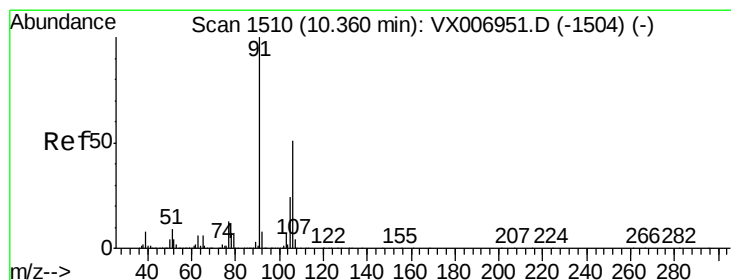
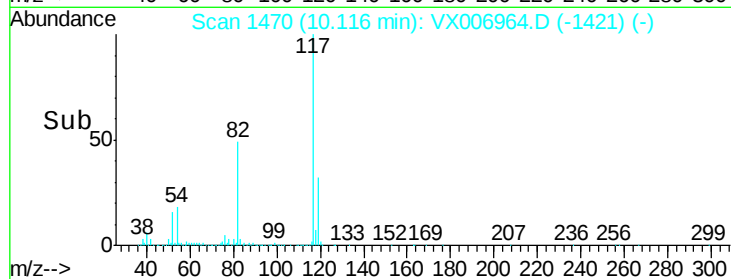
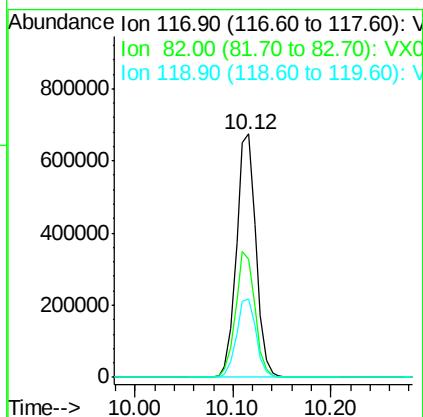
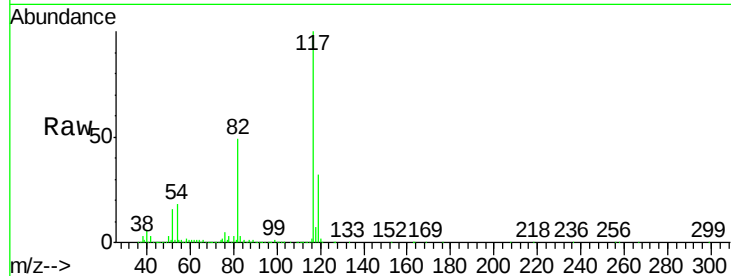




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006964.D
Acq: 09 Jan 2019 14:46

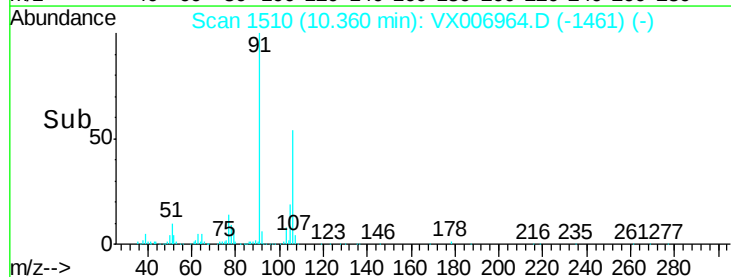
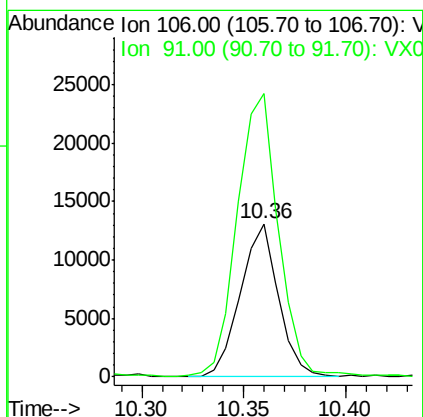
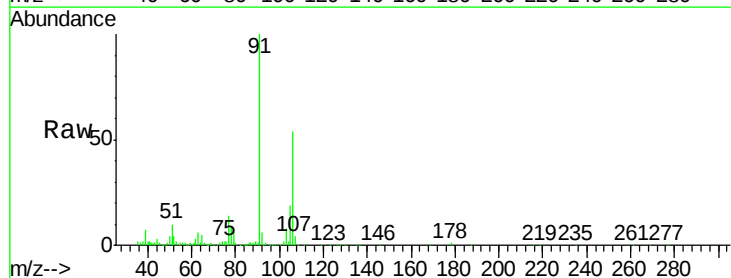
Instrument :
MSVOA_X
ClientSampleId :
SP-1-4

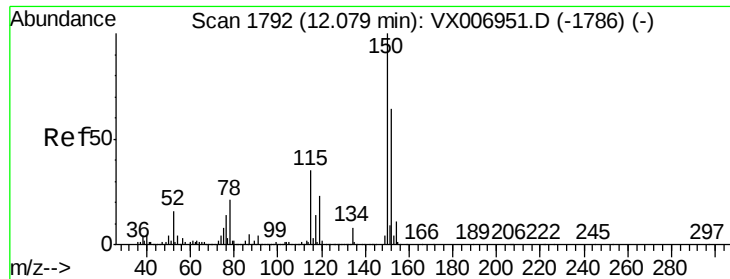
Tot Ion:117 Resp: 928685
Ion Ratio Lower Upper
117 100
82 48.7 41.0 61.6
119 32.1 25.4 38.0



#68
m/p-Xylenes
Concen: 1.285 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006964.D
Acq: 09 Jan 2019 14:46

Tgt Ion:106 Resp: 16928
Ion Ratio Lower Upper
106 100
91 202.5 155.8 233.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006964.D

Acq: 09 Jan 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

SP-1-4

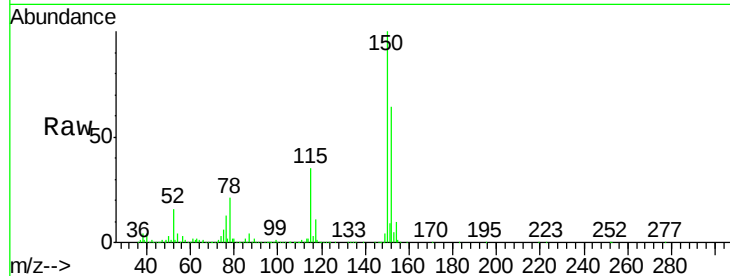
Tot Ion:152 Resp: 444130

Ion Ratio Lower Upper

152 100

115 55.6 39.1 117.2

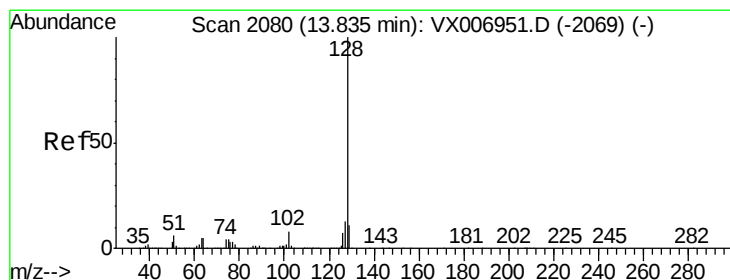
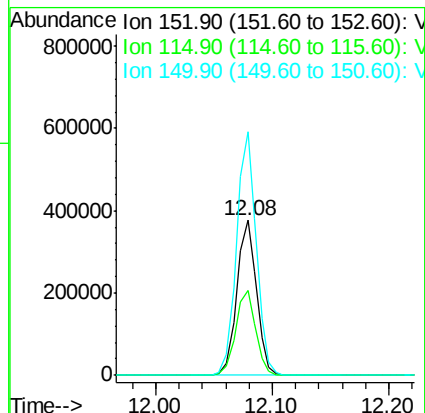
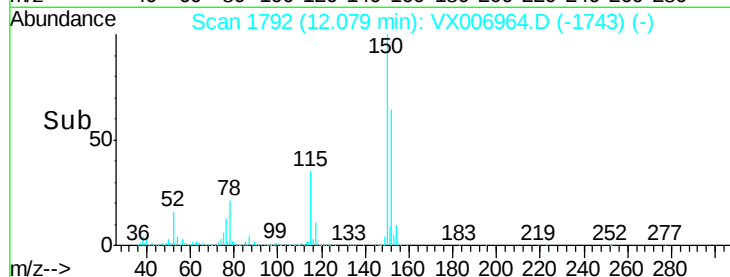
150 157.3 0.0 344.8



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: 4.497 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006964.D

Acq: 09 Jan 2019 14:46

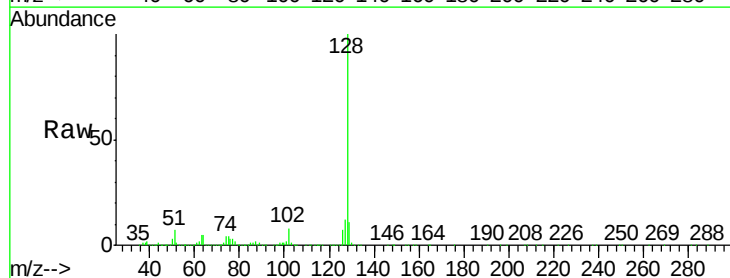
Tgt Ion:128 Resp: 143900

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 11.5 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

