

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\
 Data File : VN051025.D
 Acq On : 4 Sep 2018 17:35
 Operator : MD\SY
 Sample : J4761-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-4005

Quant Time: Sep 05 02:32:21 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	570763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	937013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	269292	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	371230	54.03	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.59	113	355902	47.74	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.09	98	1262379	45.29	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.40	95	339532	36.66	ug/l	0.00
Spiked Amount						

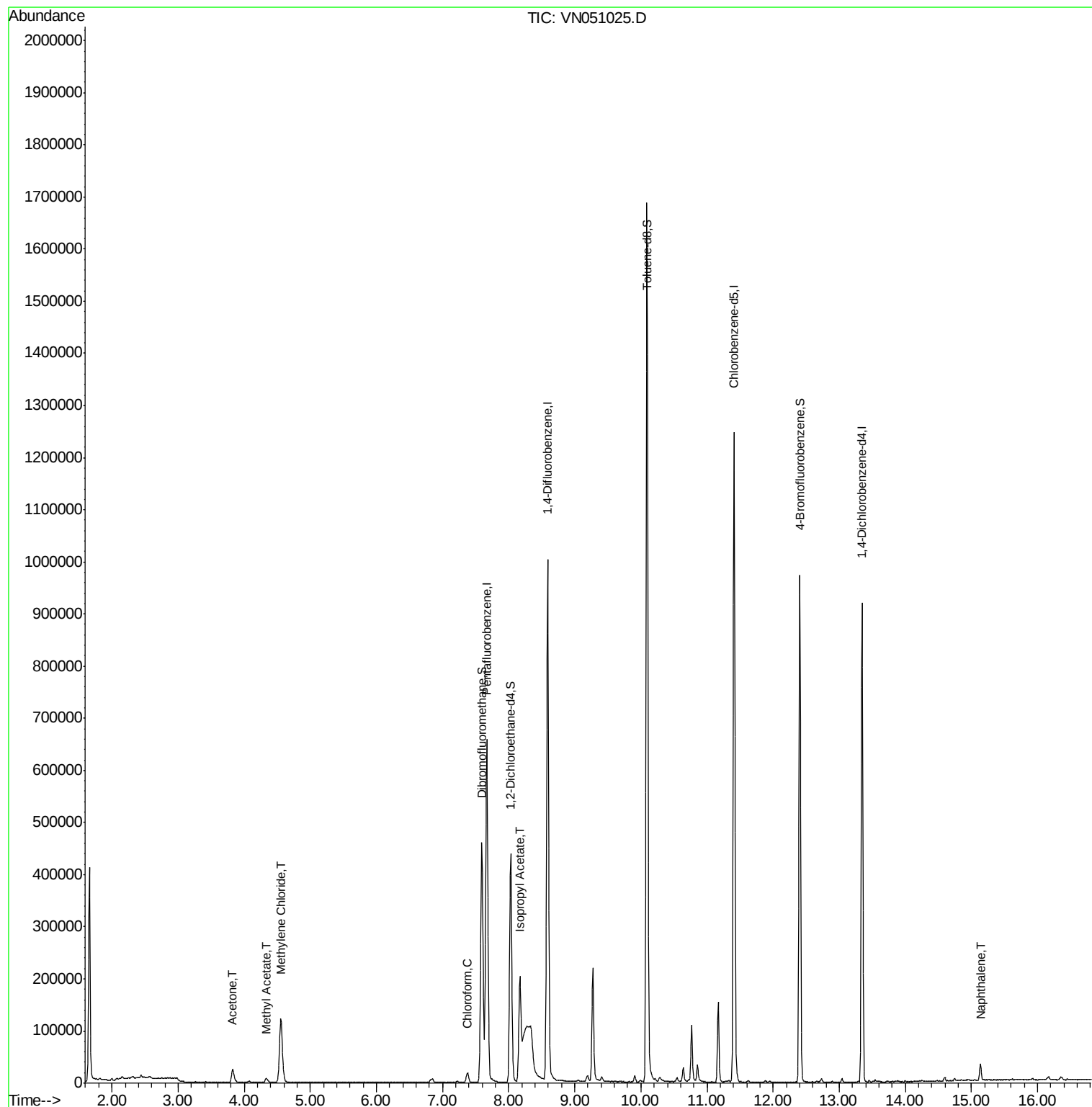
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	43613	20.31	ug/l	93
18) Methyl Acetate	4.33	43	15440	2.38	ug/l	95
20) Methylene Chloride	4.56	84	97302	12.56	ug/l	97
30) Chloroform	7.38	83	20685	1.63	ug/l	98
43) Isopropyl Acetate	8.17	43	255580	23.40	ug/l	95
95) Naphthalene	15.14	128	28060	7.73	ug/l	97

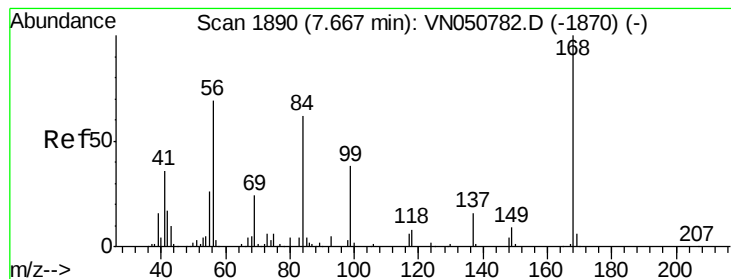
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN051025.D

Acq: 4 Sep 2018 17:35

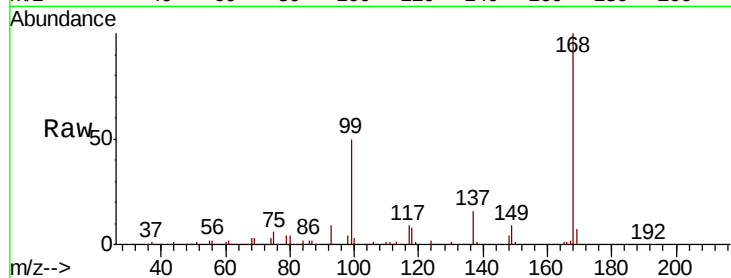
Instrument :
MSVOA_N
ClientSampled :
RT-4005

Tot Ion:168 Resp: 570763

Ion Ratio Lower Upper

168 100

99 49.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN051025.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN051025.D (-1797) (-)

7.67

250000

200000

150000

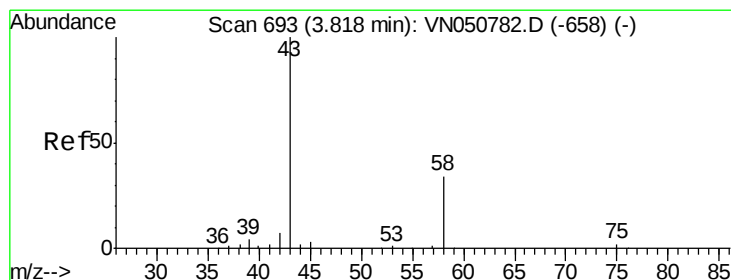
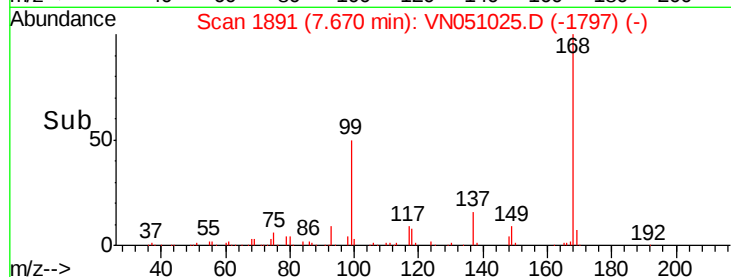
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 20.31 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN051025.D

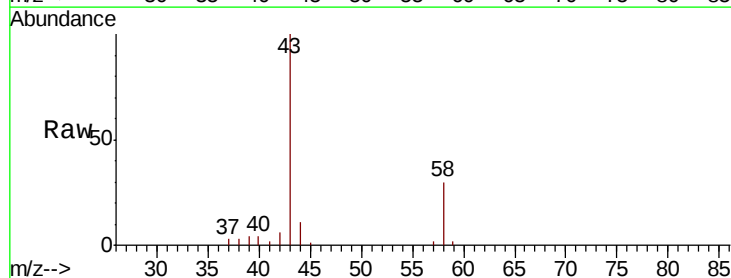
Acq: 4 Sep 2018 17:35

Tgt Ion: 43 Resp: 43613

Ion Ratio Lower Upper

43 100

58 29.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN051025.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN051025.D (-600) (-)

3.82

15000

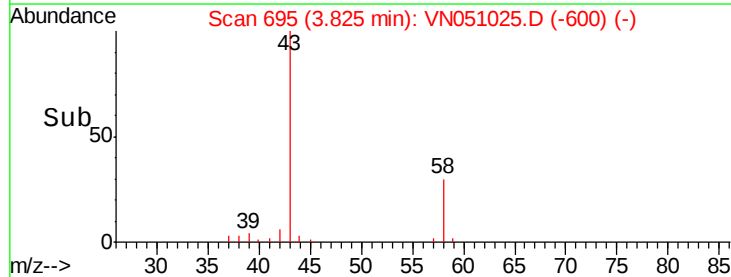
10000

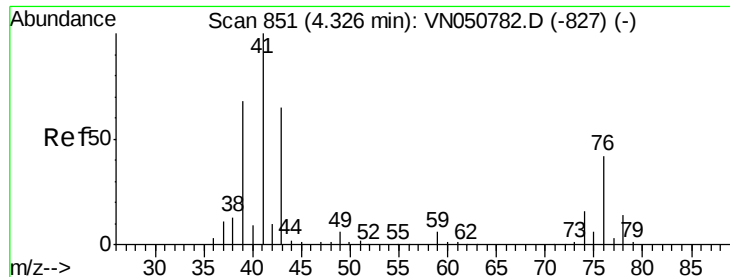
5000

0

3.75 3.80 3.85 3.90 3.95

Time-->

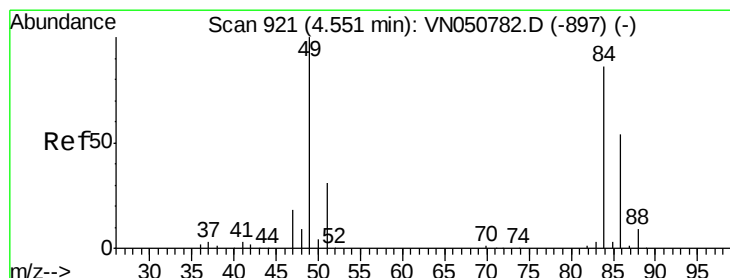
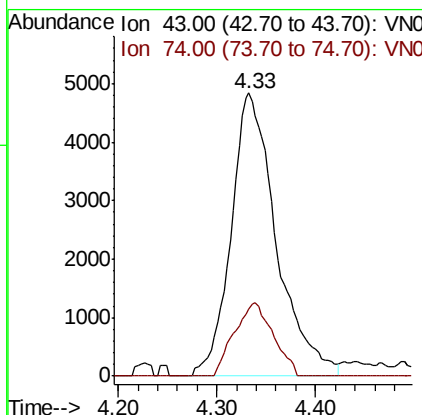
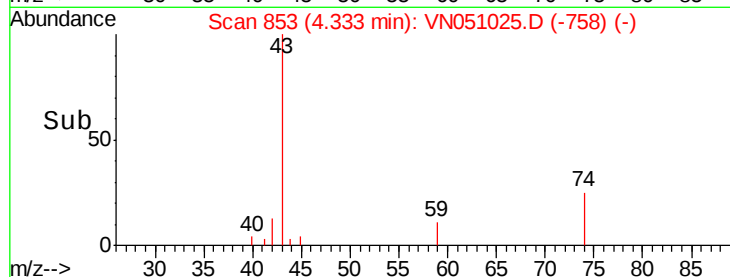
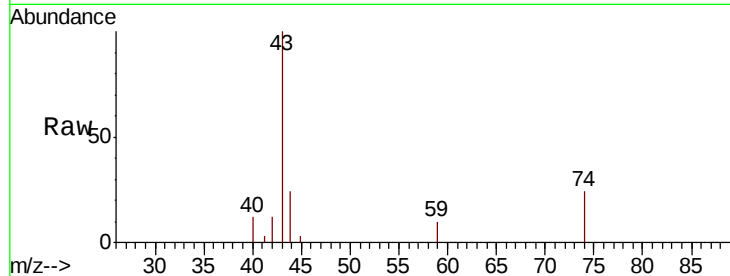




#18
Methyl Acetate
Concen: 2.38 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN051025.D
Acq: 4 Sep 2018 17:35

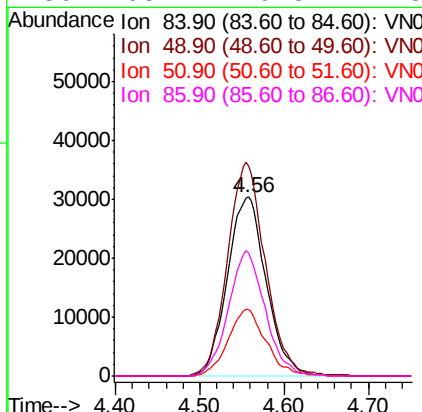
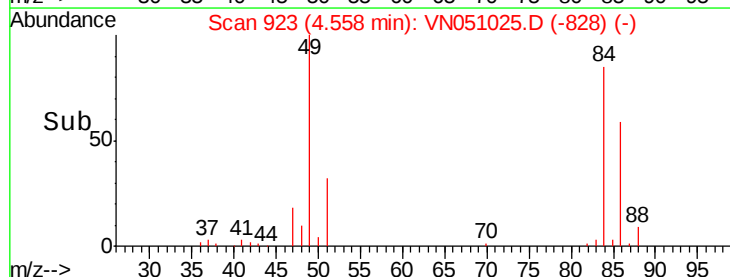
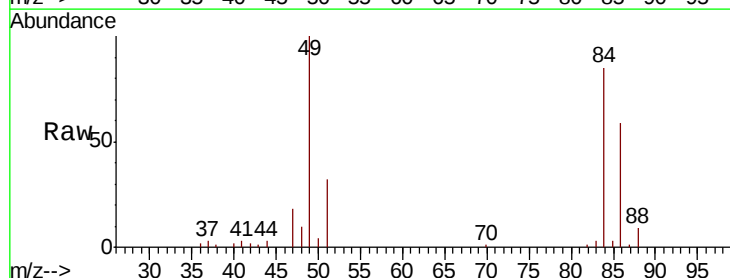
Instrument :
MSVOA_N
ClientSampled :
RT-4005

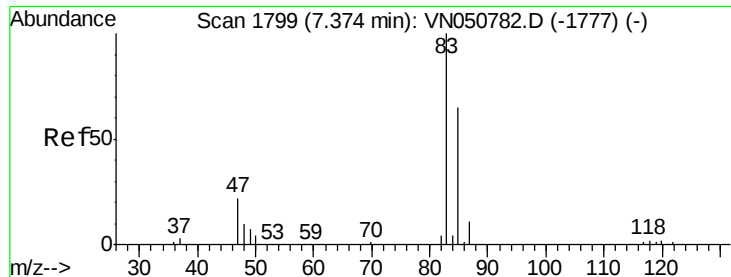
Tot Ion: 43 Resp: 15440
Ion Ratio Lower Upper
43 100
74 22.2 19.8 29.8



#20
Methylene Chloride
Concen: 12.56 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN051025.D
Acq: 4 Sep 2018 17:35

Tgt Ion: 84 Resp: 97302
Ion Ratio Lower Upper
84 100
49 117.2 93.2 139.8
51 37.0 29.0 43.6
86 68.7 49.8 74.8

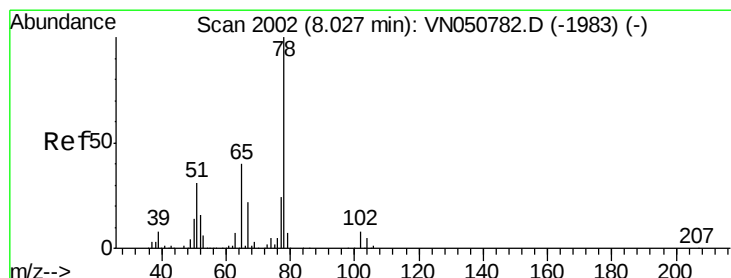
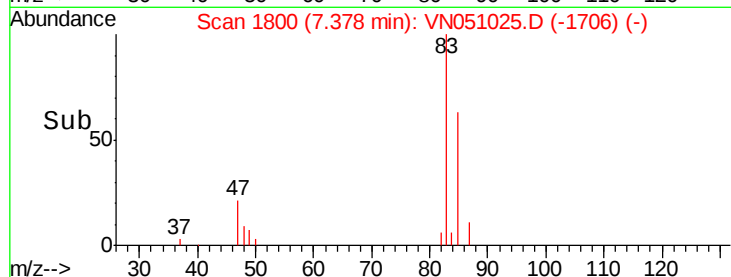
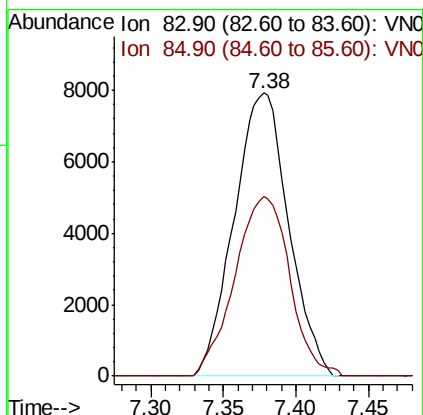
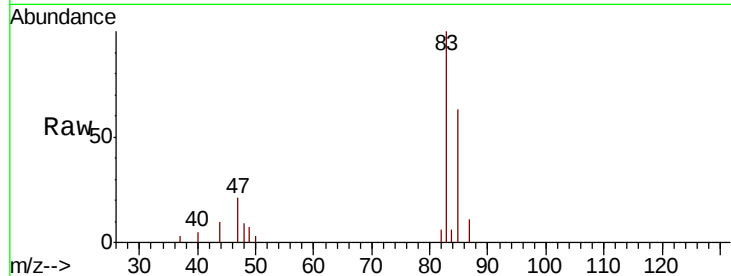




#30
Chloroform
Concen: 1.63 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN051025.D
Acq: 4 Sep 2018 17:35

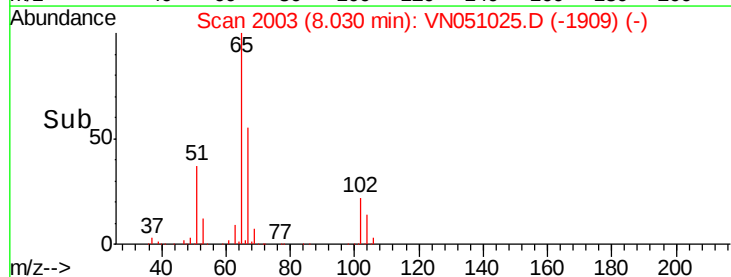
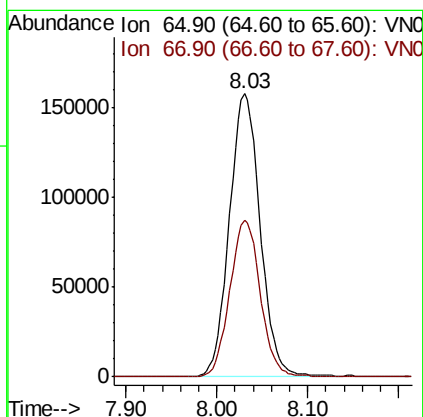
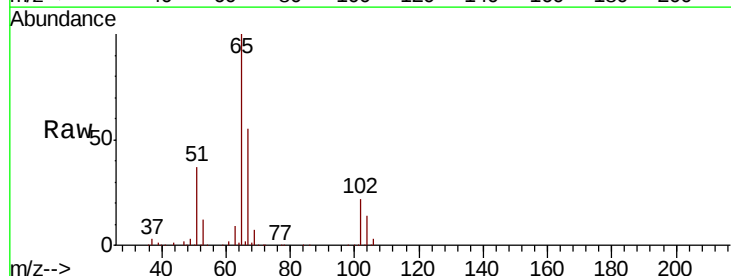
Instrument :
MSVOA_N
ClientSampled :
RT-4005

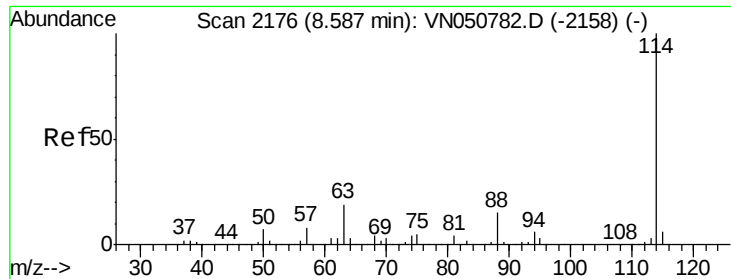
Tot Ion: 83 Resp: 20685
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 54.03 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN051025.D
Acq: 4 Sep 2018 17:35

Tgt Ion: 65 Resp: 371230
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.4

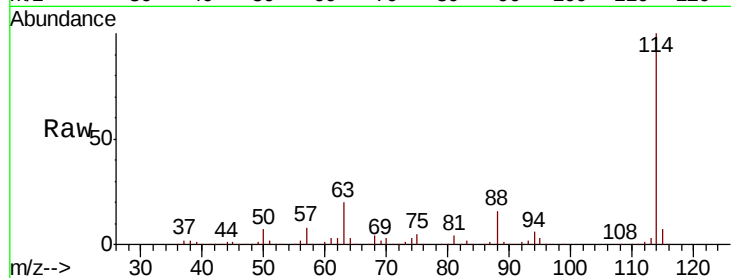




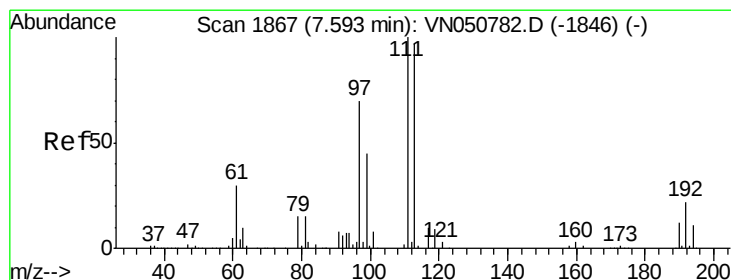
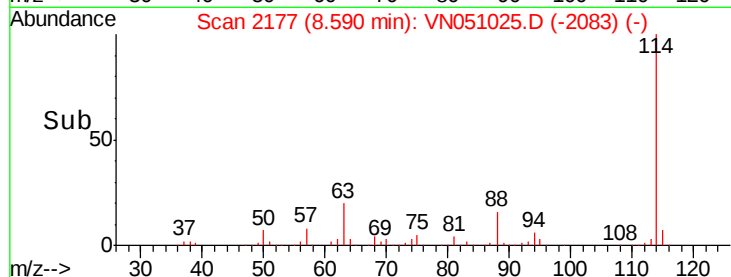
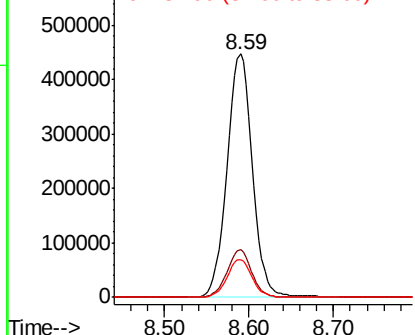
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN051025.D
 Acq: 4 Sep 2018 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-4005

Tot Ion:114 Resp: 937013
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.5 0.0 30.6

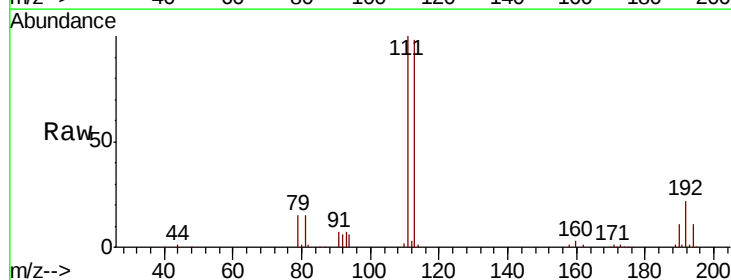


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

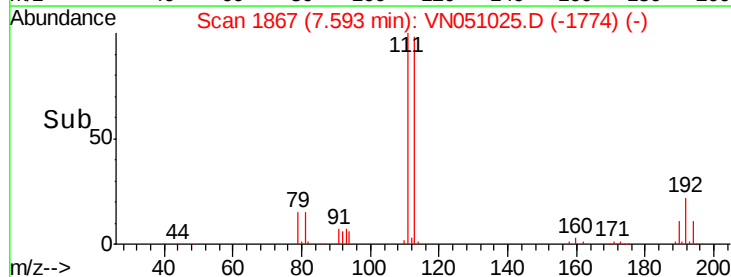
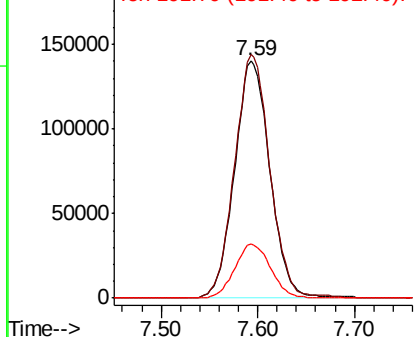


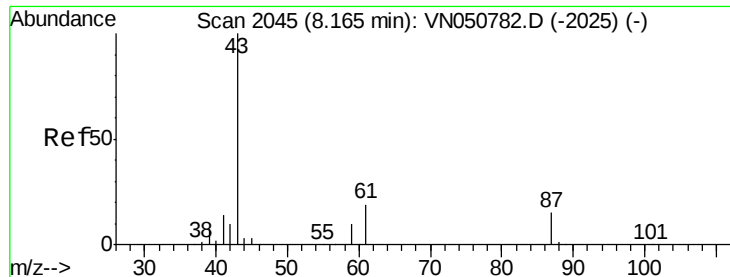
#35
 Dibromofluoromethane
 Concen: 47.74 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN051025.D
 Acq: 4 Sep 2018 17:35

Tgt Ion:113 Resp: 355902
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.6 123.8
 192 23.1 18.0 27.0



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: 23.40 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN051025.D

Acq: 4 Sep 2018 17:35

Instrument :

MSVOA_N

ClientSampled :

RT-4005

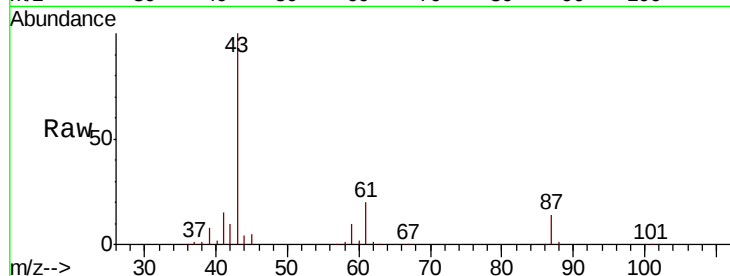
Tot Ion: 43 Resp: 255580

Ion Ratio Lower Upper

43 100

61 19.1 17.5 26.3

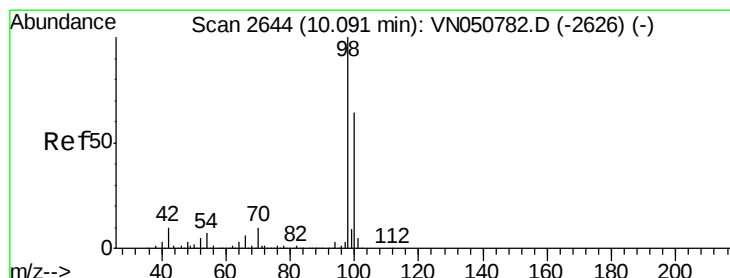
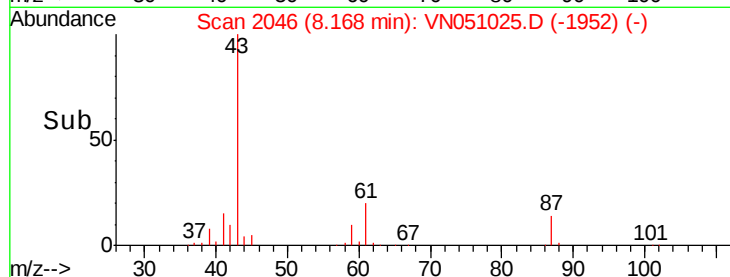
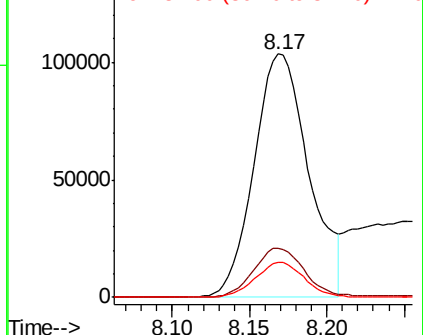
87 12.8 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.29 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN051025.D

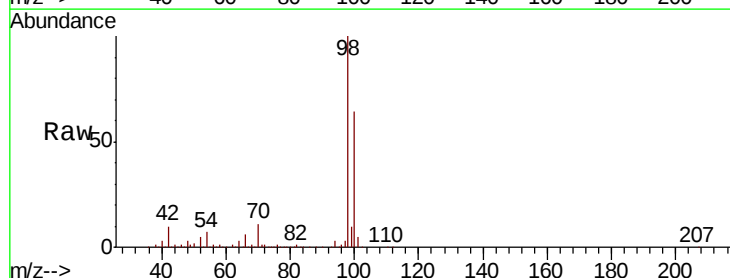
Acq: 4 Sep 2018 17:35

Tgt Ion: 98 Resp: 1262379

Ion Ratio Lower Upper

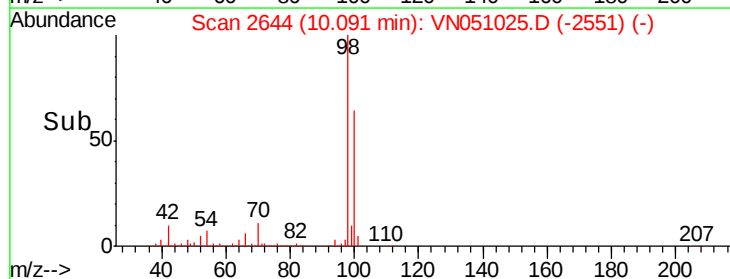
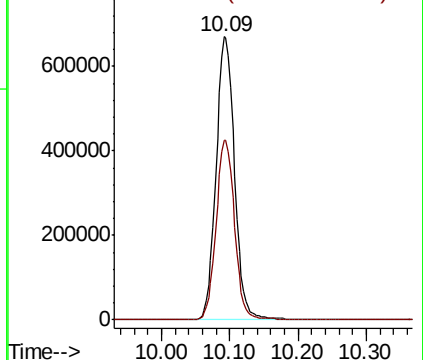
98 100

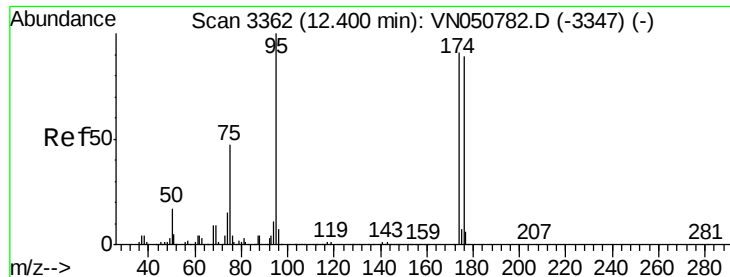
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

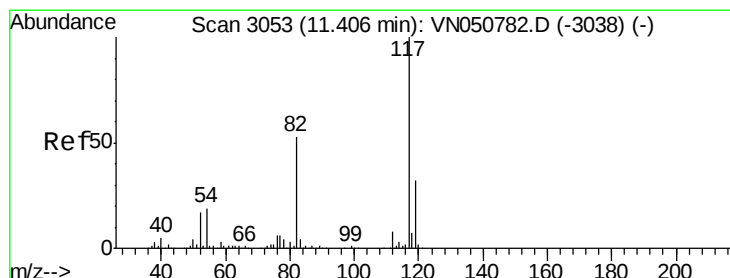
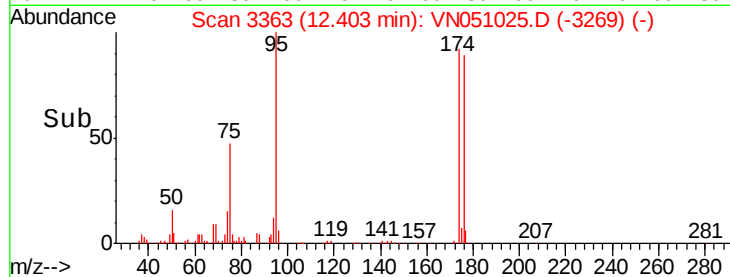
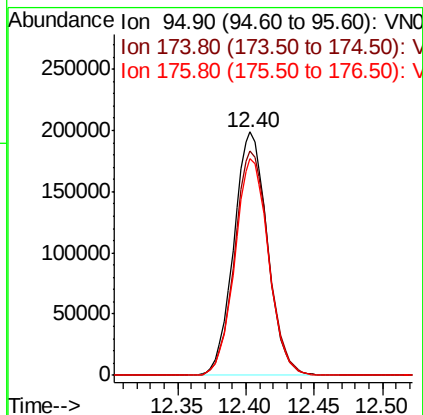
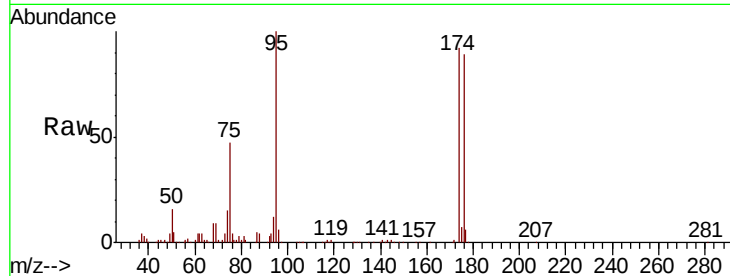




#62
 4-Bromofluorobenzene
 Concen: 36.66 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN051025.D
 Acq: 4 Sep 2018 17:35

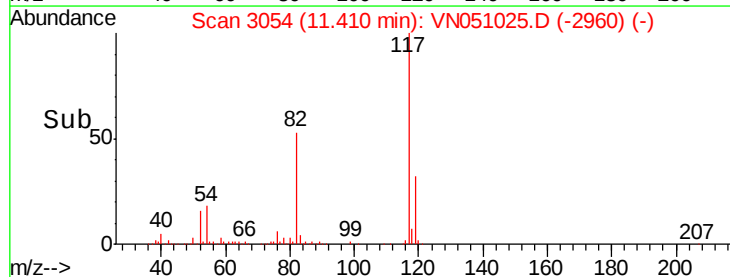
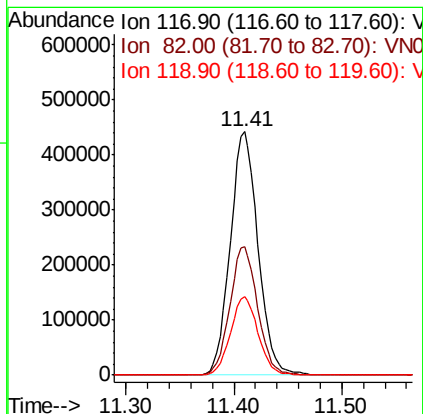
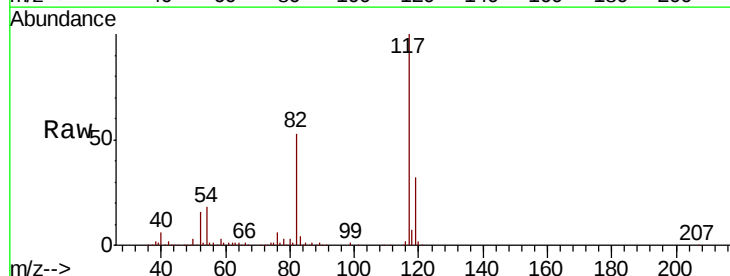
Instrument :
 MSVOA_N
 ClientSampled :
 RT-4005

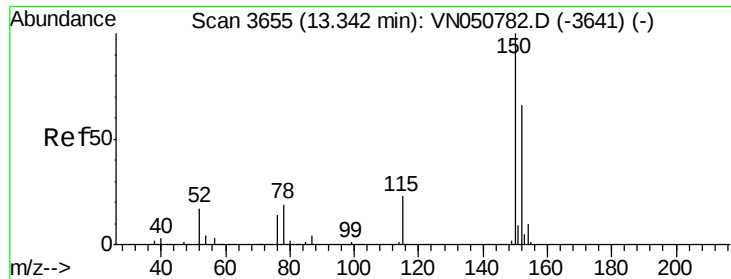
Tot Ion: 95 Resp: 339532
 Ion Ratio Lower Upper
 95 100
 174 93.4 0.0 183.0
 176 89.2 0.0 178.8



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN051025.D
 Acq: 4 Sep 2018 17:35

Tgt Ion: 117 Resp: 795774
 Ion Ratio Lower Upper
 117 100
 82 52.6 42.6 64.0
 119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN051025.D

Acq: 4 Sep 2018 17:35

Instrument :

MSVOA_N

ClientSampleId :

RT-4005

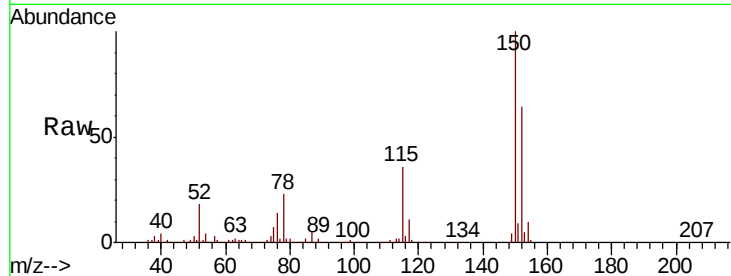
Tot Ion:152 Resp: 269292

Ion Ratio Lower Upper

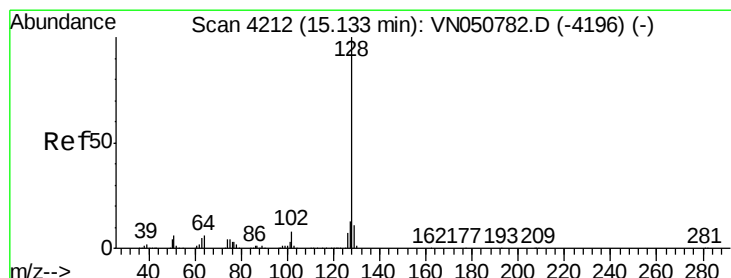
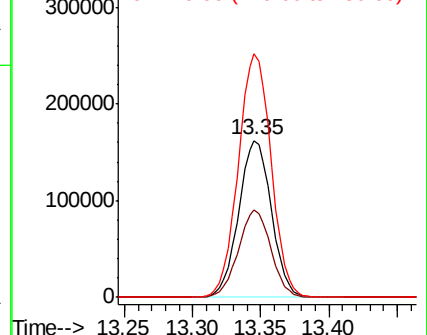
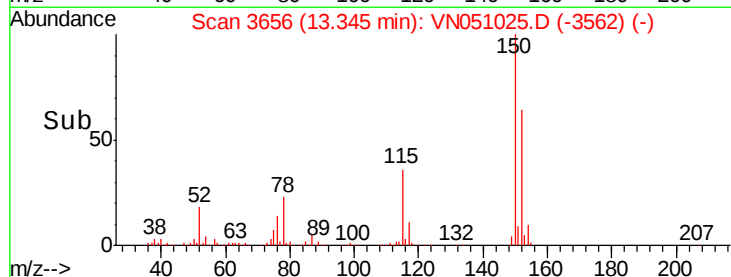
152 100

115 55.4 27.8 83.4

150 156.0 0.0 351.4



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: 7.73 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN051025.D

Acq: 4 Sep 2018 17:35

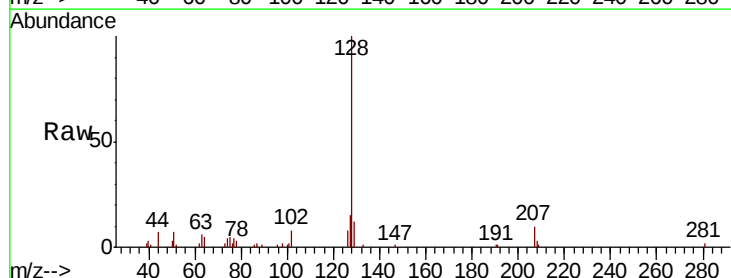
Tgt Ion:128 Resp: 28060

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 11.7 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

