

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050711.D
 Acq On : 16 Aug 2018 19:14
 Operator : MD\SY
 Sample : J4269-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-081518-A

Quant Time: Aug 17 05:13:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	577510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	982561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	823286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	284259	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	407396	55.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.92%	
35) Dibromofluoromethane	7.59	113	375549	47.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.74%	
50) Toluene-d8	10.09	98	1335517	45.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.48%	
62) 4-Bromofluorobenzene	12.40	95	356298	36.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.06%	

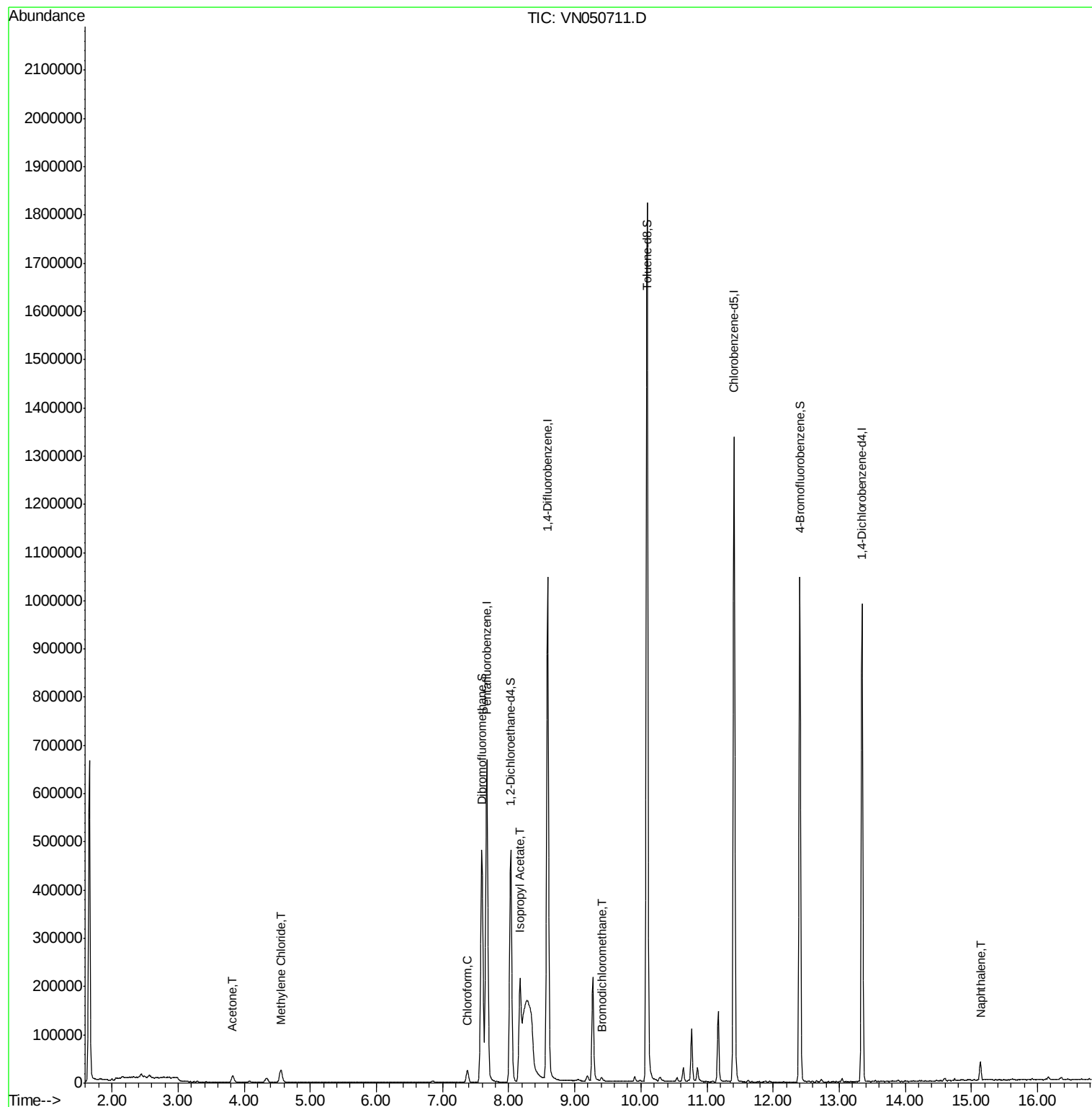
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	23268	11.42	ug/l	95
20) Methylene Chloride	4.56	84	20328	1.71	ug/l	98
30) Chloroform	7.37	83	27274	2.08	ug/l	92
43) Isopropyl Acetate	8.17	43	269054	23.88	ug/l	93
47) Bromodichloromethane	9.40	83	5943	0.53	ug/l	87
95) Naphthalene	15.14	128	32961	6.64	ug/l	98

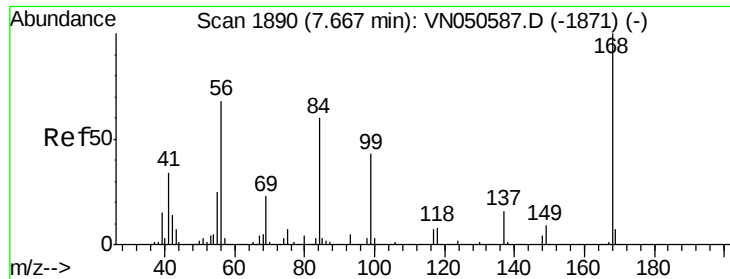
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081618\
Data File : VN050711.D
Acq On : 16 Aug 2018 19:14
Operator : MD\SY
Sample : J4269-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AU-06-081518-A

Quant Time: Aug 17 05:13:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
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: VN050711.D

Acq: 16 Aug 2018 19:14

Instrument :

MSVOA_N

ClientSampleId :

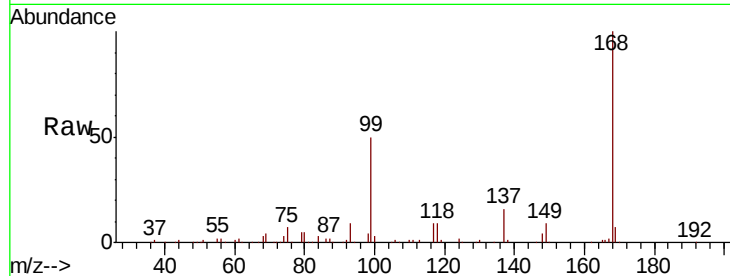
AU-06-081518-A

Tot Ion:168 Resp: 577510

Ion Ratio Lower Upper

168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050711.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050711.D (-1797) (-)

7.67

250000

200000

150000

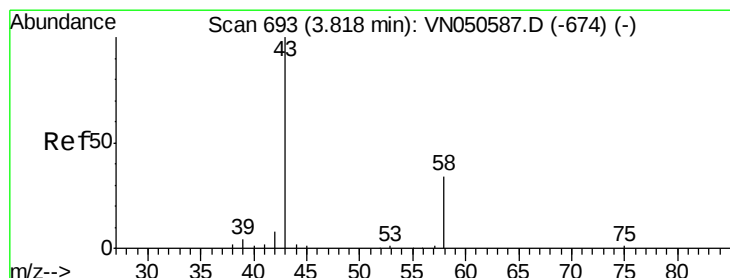
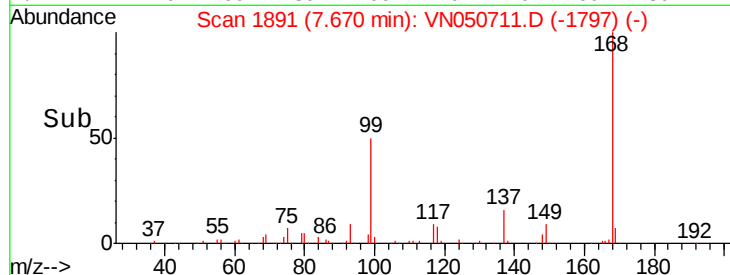
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 11.42 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050711.D

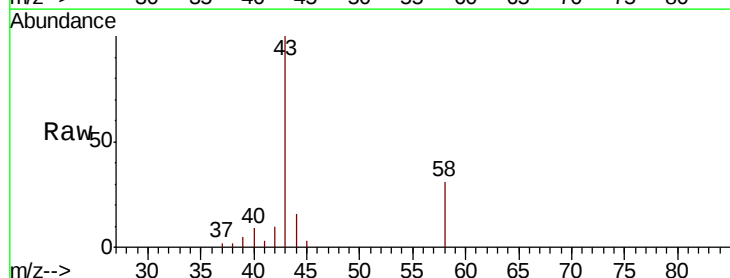
Acq: 16 Aug 2018 19:14

Tgt Ion: 43 Resp: 23268

Ion Ratio Lower Upper

43 100

58 30.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050711.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050711.D (-600) (-)

3.82

10000

8000

6000

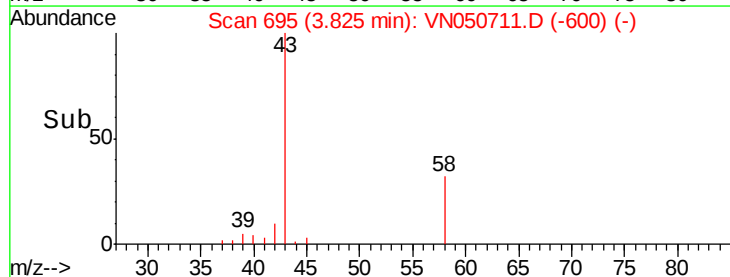
4000

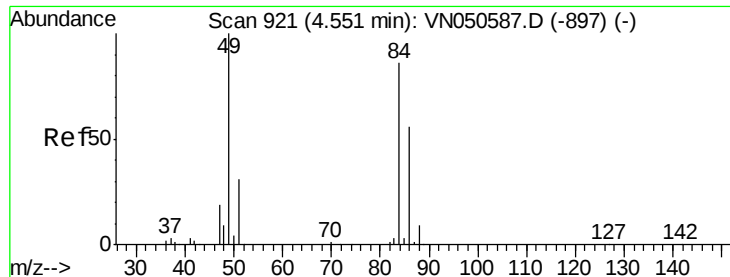
2000

0

3.75 3.80 3.85 3.90

Time-->

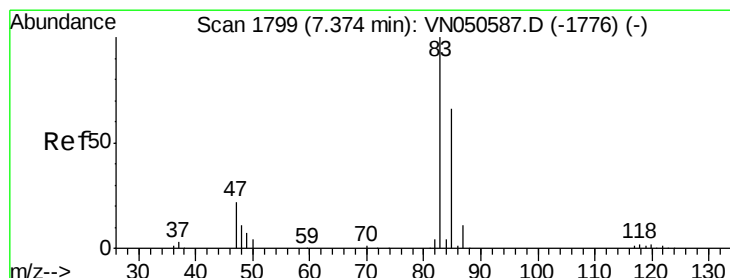
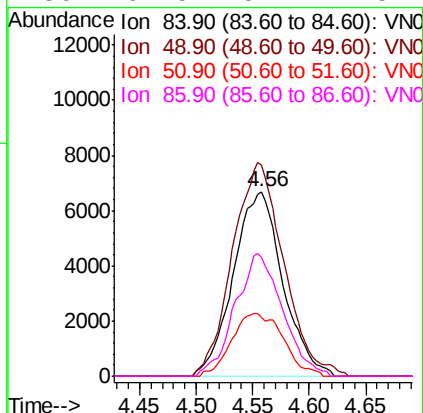
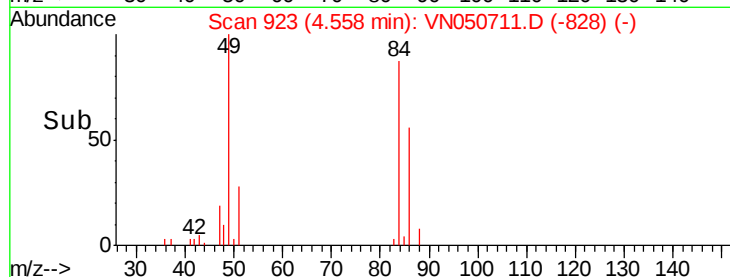
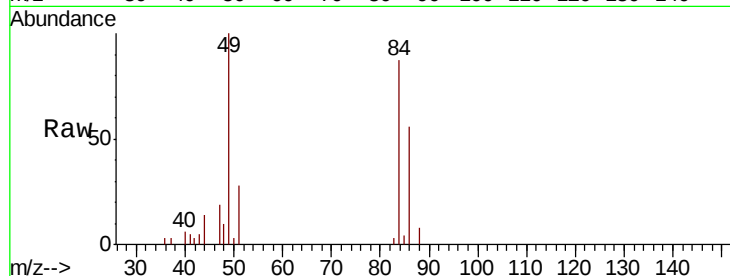




#20
Methvlene Chloride
Concen: 1.71 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050711.D
Acq: 16 Aug 2018 19:14

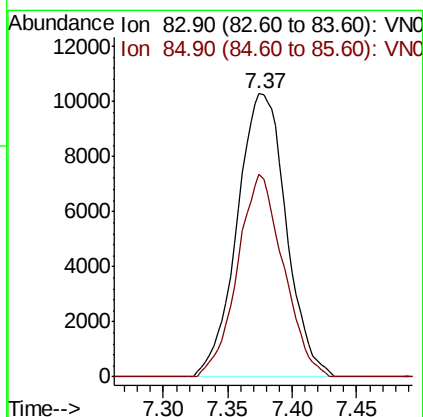
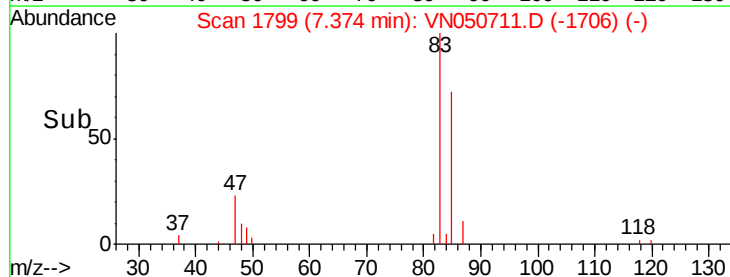
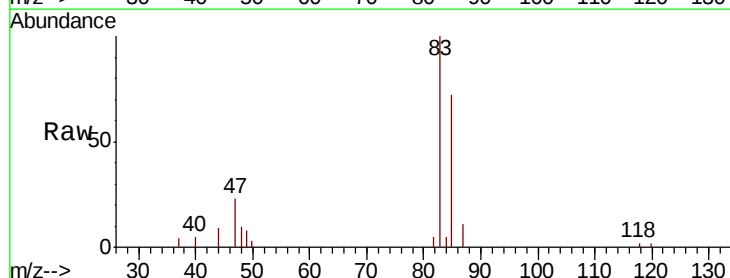
Instrument :
MSVOA_N
ClientSampleId :
AU-06-081518-A

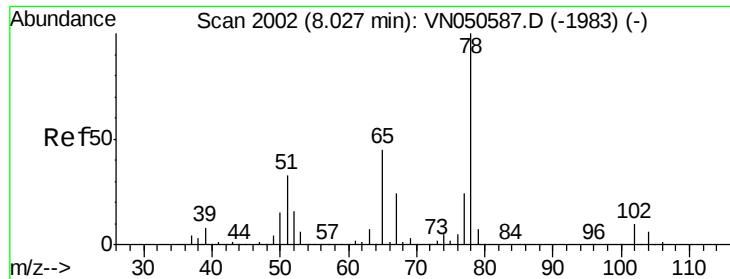
Tot Ion: 84 Resp: 20328
Ion Ratio Lower Upper
84 100
49 114.6 92.6 138.8
51 32.0 28.6 43.0
86 64.5 52.2 78.2



#30
Chloroform
Concen: 2.08 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050711.D
Acq: 16 Aug 2018 19:14

Tgt Ion: 83 Resp: 27274
Ion Ratio Lower Upper
83 100
85 71.7 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 55.96 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050711.D

Acq: 16 Aug 2018 19:14

Instrument :

MSVOA_N

ClientSampleId :

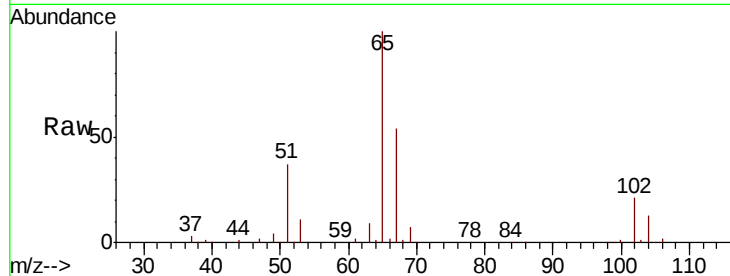
AU-06-081518-A

Tot Ion: 65 Resp: 407396

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

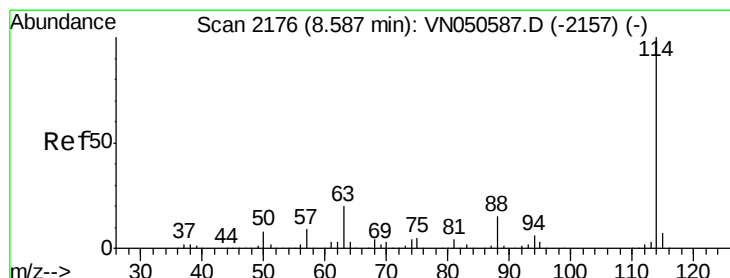
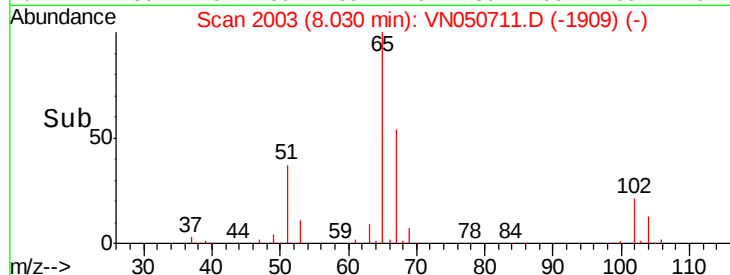
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050711.D

Acq: 16 Aug 2018 19:14

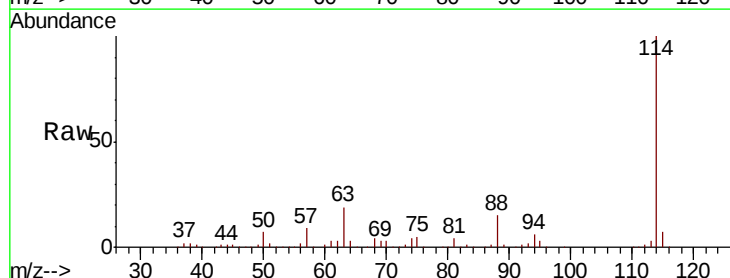
Tgt Ion: 114 Resp: 982561

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.1 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

600000

500000

400000

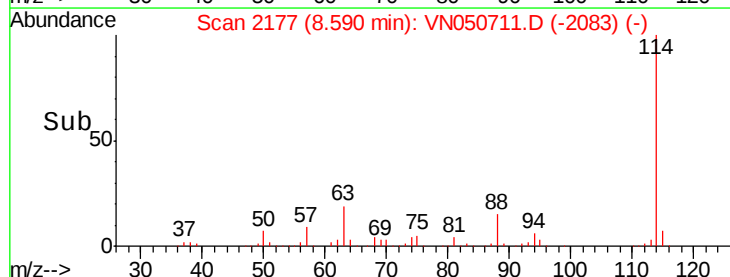
300000

200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.87 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050711.D

Acq: 16 Aug 2018 19:14

Instrument :

MSVOA_N

ClientSampleId :

AU-06-081518-A

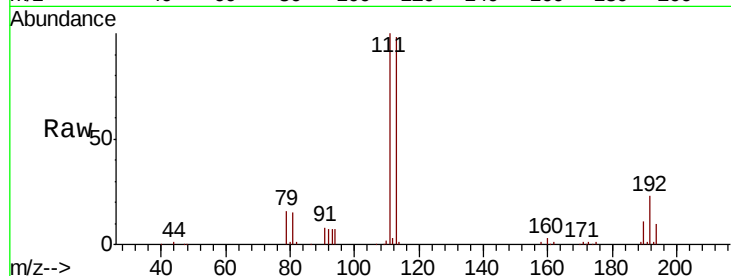
Tot Ion:113 Resp: 375549

Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.6

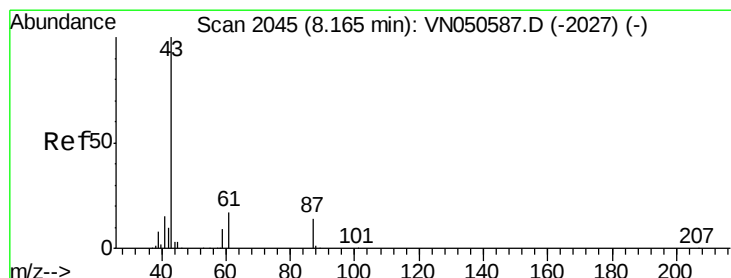
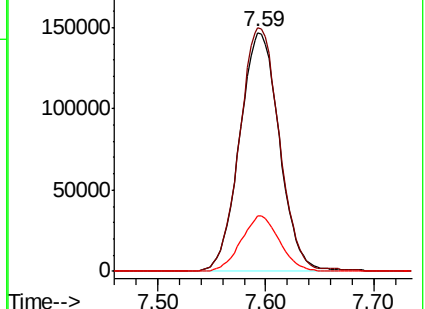
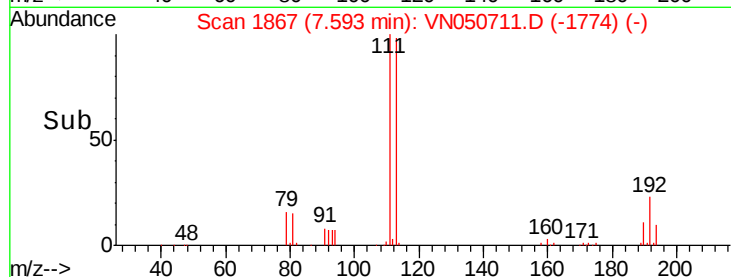
192 22.6 17.6 26.4



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: 23.88 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050711.D

Acq: 16 Aug 2018 19:14

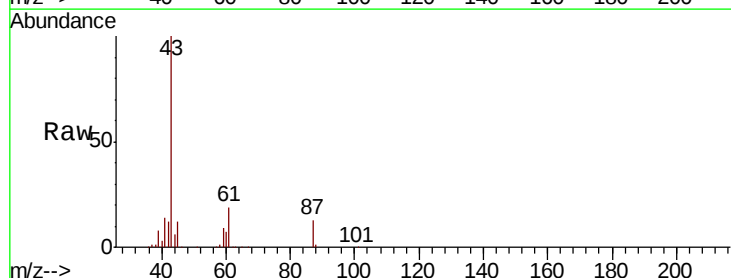
Tgt Ion: 43 Resp: 269054

Ion Ratio Lower Upper

43 100

61 16.9 16.2 24.2

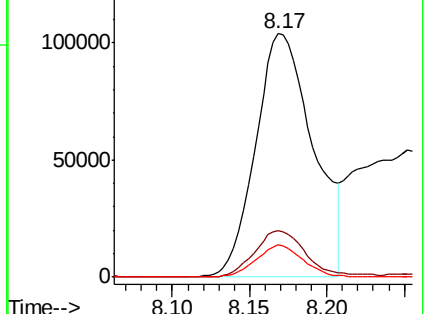
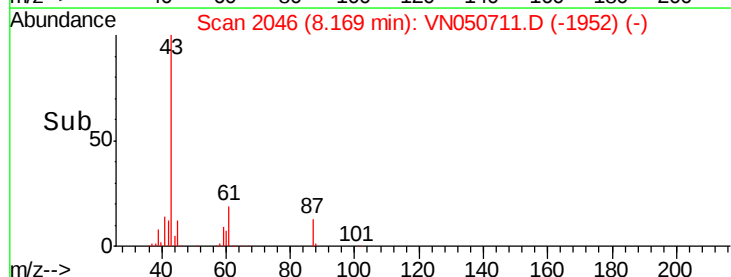
87 11.0 10.9 16.3

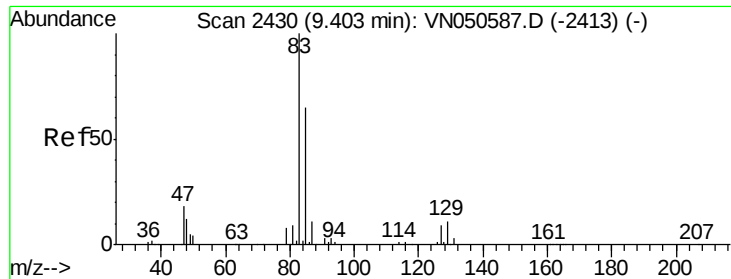


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.53 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VN050711.D

Acq: 16 Aug 2018 19:14

Instrument :

MSVOA_N

ClientSampleId :

AU-06-081518-A

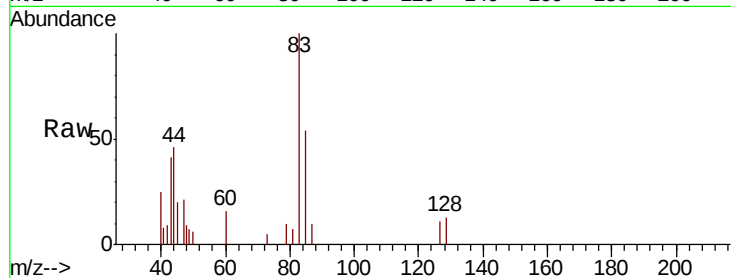
Tot Ion: 83 Resp: 5943

Ion Ratio Lower Upper

83 100

85 53.8 51.8 77.6

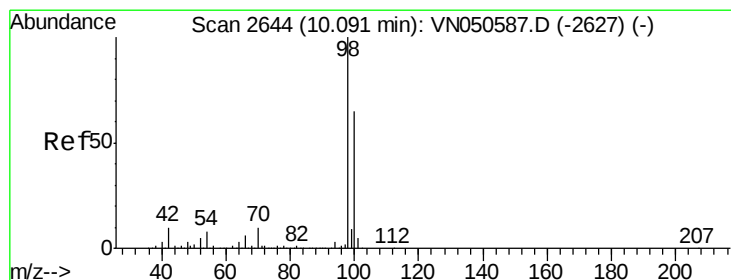
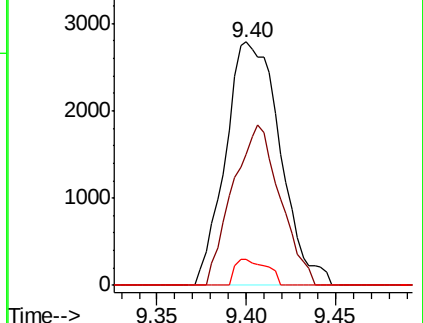
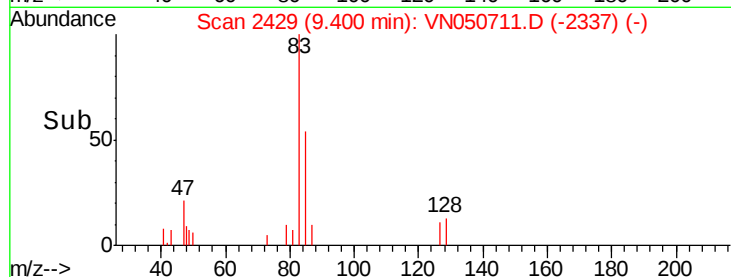
127 10.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN050711.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN050711.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN050711.D (-2337) (-)



#50

Toluene-d8

Concen: 45.24 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050711.D

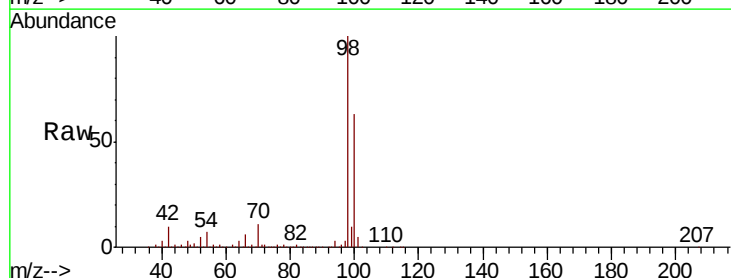
Acq: 16 Aug 2018 19:14

Tgt Ion: 98 Resp: 1335517

Ion Ratio Lower Upper

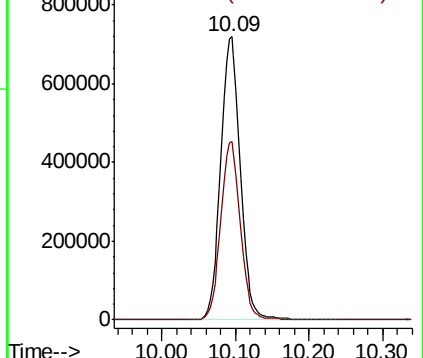
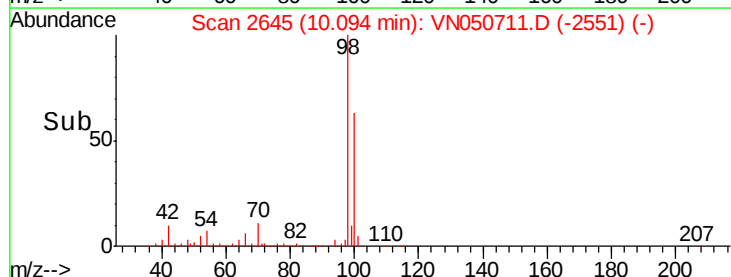
98 100

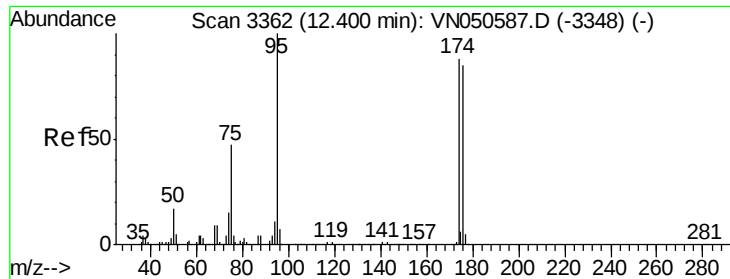
100 62.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050711.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN050711.D (-2551) (-)





#62

4-Bromofluorobenzene

Concen: 36.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050711.D

Acq: 16 Aug 2018 19:14

Instrument :

MSVOA_N

ClientSampleId :

AU-06-081518-A

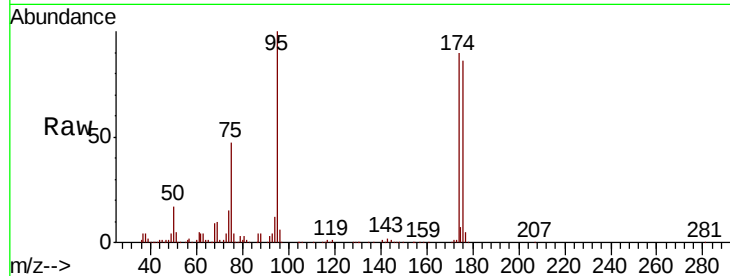
Tot Ion: 95 Resp: 356298

Ion Ratio Lower Upper

95 100

174 91.9 0.0 177.8

176 87.3 0.0 175.0

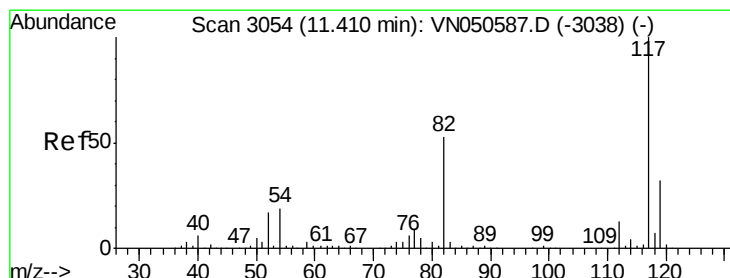
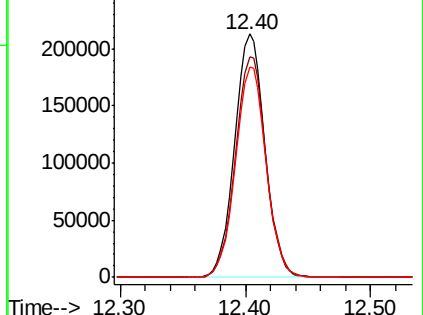
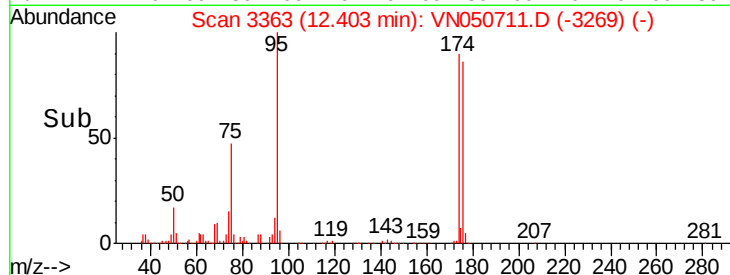


Abundance Ion 94.90 (94.60 to 95.60): VN050711.D (-3269) (-)

Ion 173.80 (173.50 to 174.50): VN050711.D (-3269) (-)

Ion 175.80 (175.50 to 176.50): VN050711.D (-3269) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050711.D

Acq: 16 Aug 2018 19:14

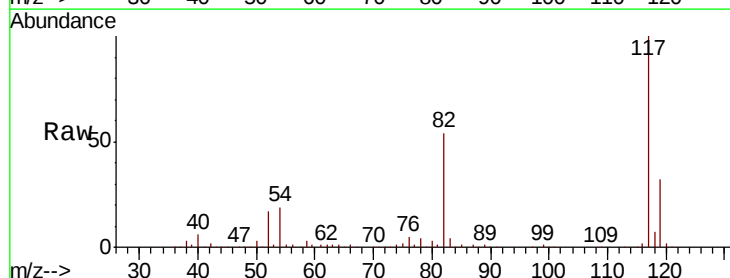
Tgt Ion: 117 Resp: 823286

Ion Ratio Lower Upper

117 100

82 53.6 42.4 63.6

119 32.4 25.8 38.8

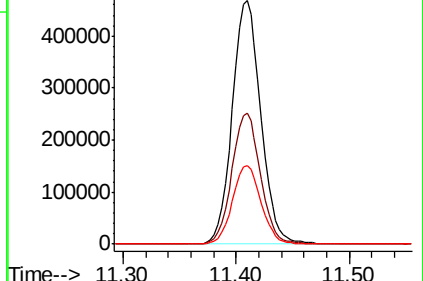
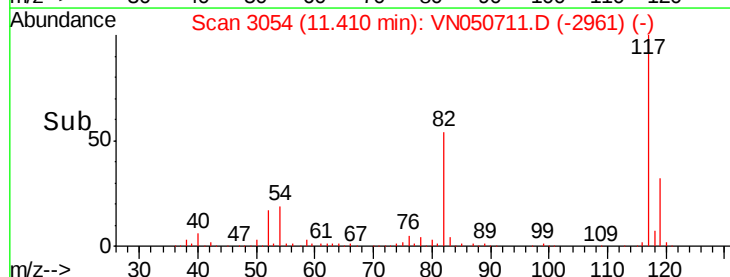


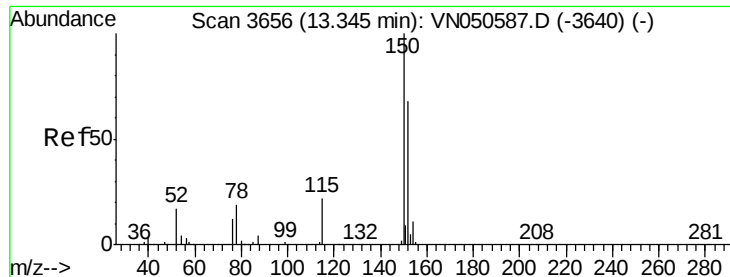
Abundance Ion 116.90 (116.60 to 117.60): VN050711.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050711.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050711.D (-2961) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050711.D

Acq: 16 Aug 2018 19:14

Instrument :

MSVOA_N

ClientSampleId :

AU-06-081518-A

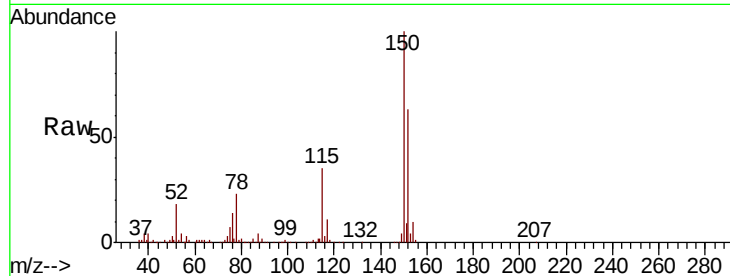
Tot Ion:152 Resp: 284259

Ion Ratio Lower Upper

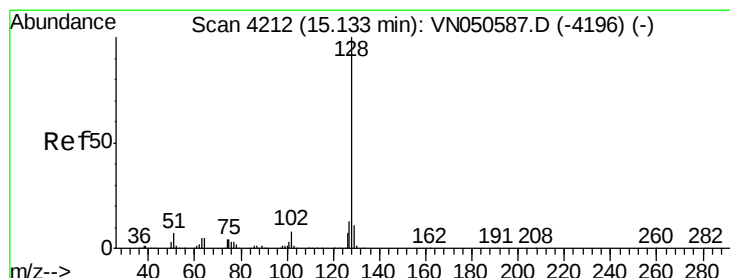
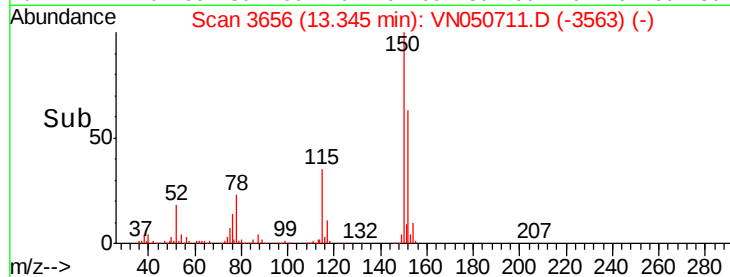
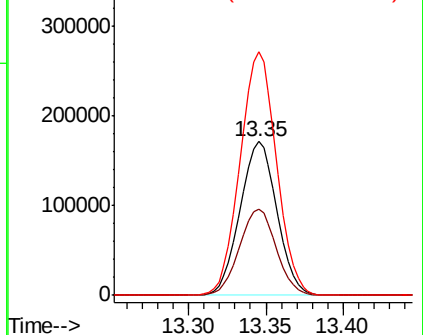
152 100

115 56.2 28.1 84.2

150 156.6 0.0 347.8



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: 6.64 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050711.D

Acq: 16 Aug 2018 19:14

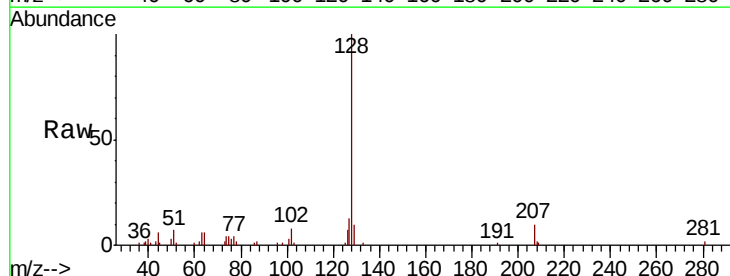
Tgt Ion:128 Resp: 32961

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 10.4 8.5 12.7



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

