

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060020.D
 Acq On : 17 Sep 2018 14:41
 Operator : JC/SY
 Sample : J4775-07RE
 Misc : 7.09g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-091418-BRE

Quant Time: Sep 17 16:52:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

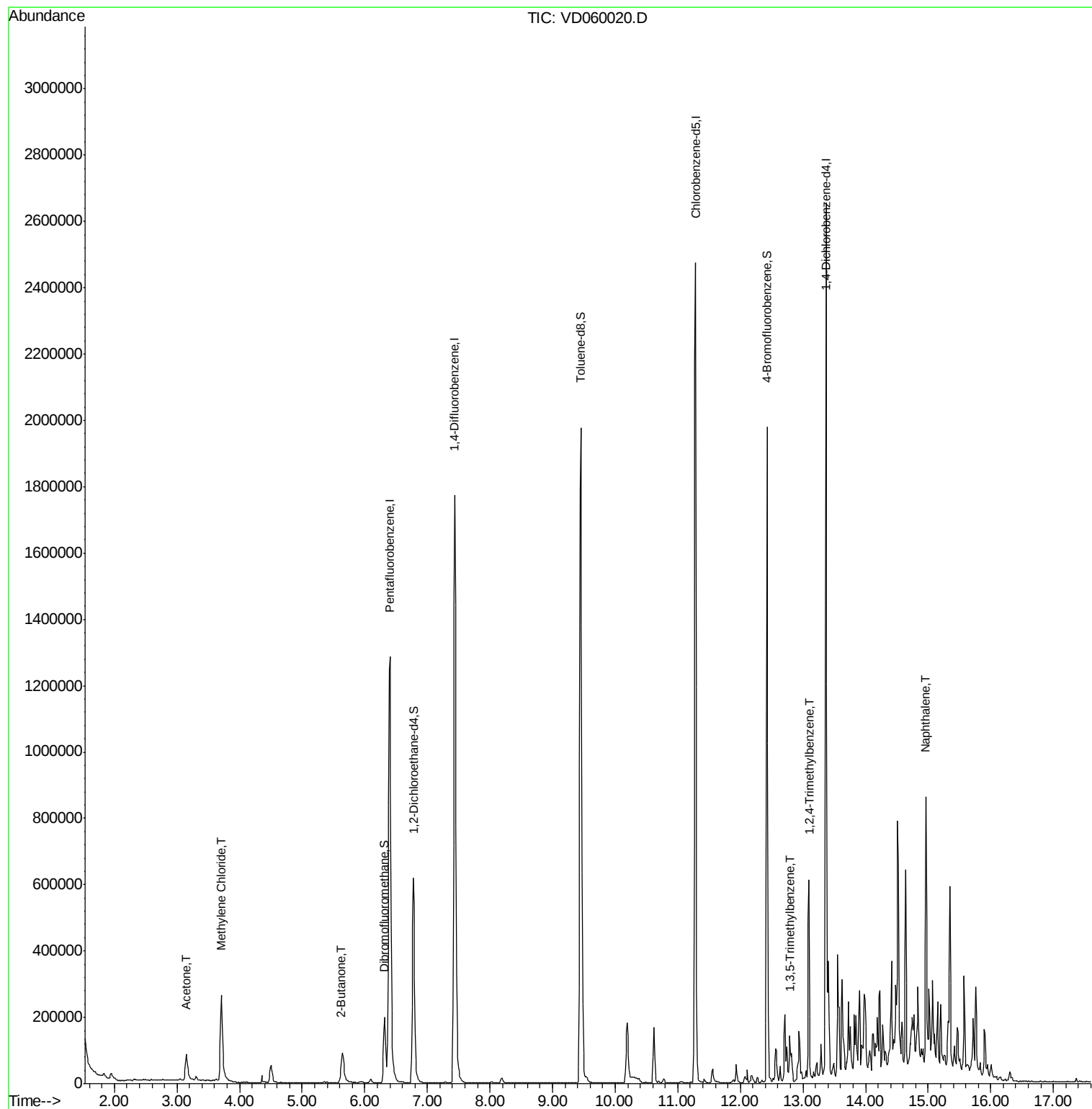
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1298035	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1845190	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1403371	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	584201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	506249	50.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	6.31	113	157801	10.95	ug/l	0.01
Spiked Amount 50.000			Recovery	=	21.90%	
50) Toluene-d8	9.45	98	1623598	40.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.28%	
62) 4-Bromofluorobenzene	12.43	95	546773	35.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	71.64%	
Target Compounds						
16) Acetone	3.15	43	160771	82.26	ug/l	99
20) Methylene Chloride	3.71	84	159213	4.96	ug/l	99
25) 2-Butanone	5.62	43	26796	5.08	ug/l	97
80) 1,3,5-Trimethylbenzene	12.79	105	54820	1.87	ug/l	95
84) 1,2,4-Trimethylbenzene	13.09	105	270075	8.62	ug/l	99
95) Naphthalene	14.96	128	429757	20.35	ug/l	99

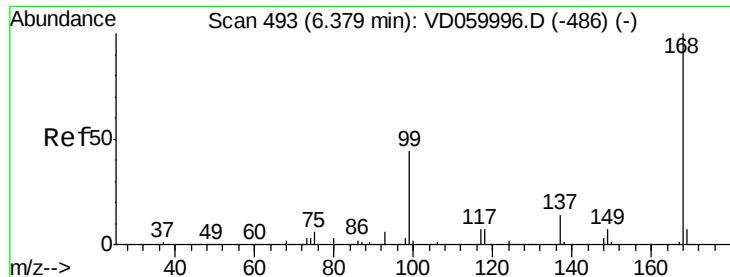
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091718\
Data File : VD060020.D
Acq On : 17 Sep 2018 14:41
Operator : JC/SY
Sample : J4775-07RE
Misc : 7.09g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-091418-BRE

Quant Time: Sep 17 16:52:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060020.D

Acq: 17 Sep 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

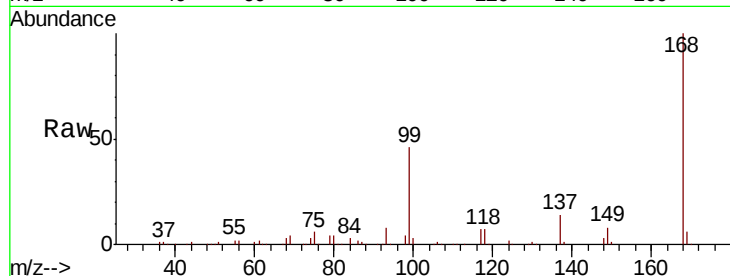
OR-03-091418-BRE

Tot Ion:168 Resp: 1298035

Ion Ratio Lower Upper

168 100

99 45.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

500000

400000

300000

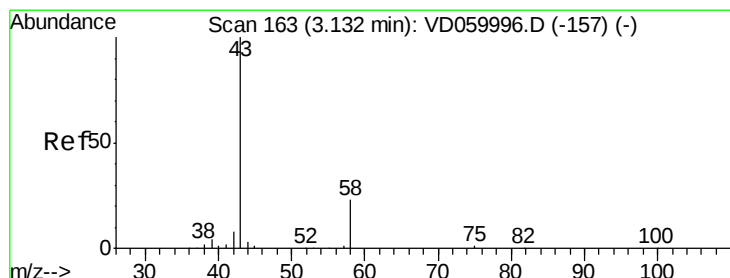
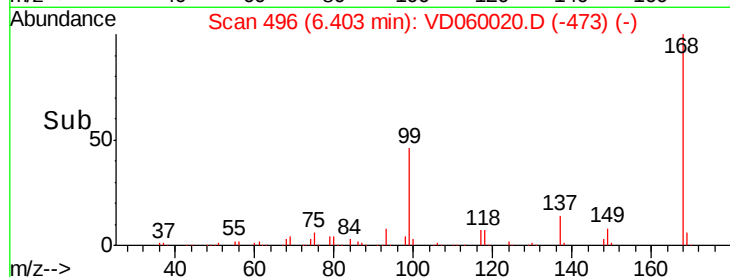
200000

100000

0

Time-->

6.30 6.40 6.50 6.60



#16

Acetone

Concen: 82.26 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060020.D

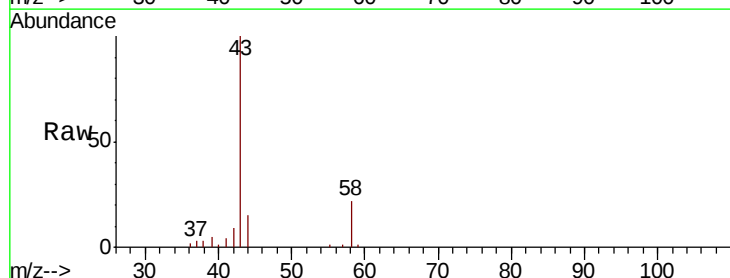
Acq: 17 Sep 2018 14:41

Tgt Ion: 43 Resp: 160771

Ion Ratio Lower Upper

43 100

58 22.1 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.15

60000

50000

40000

30000

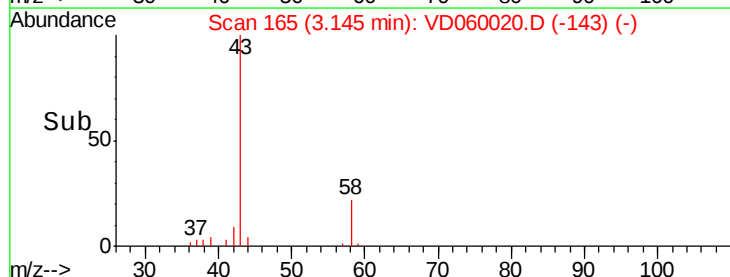
20000

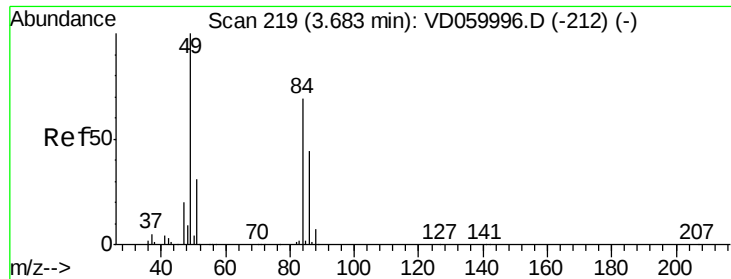
10000

0

Time-->

3.00 3.10 3.20 3.30

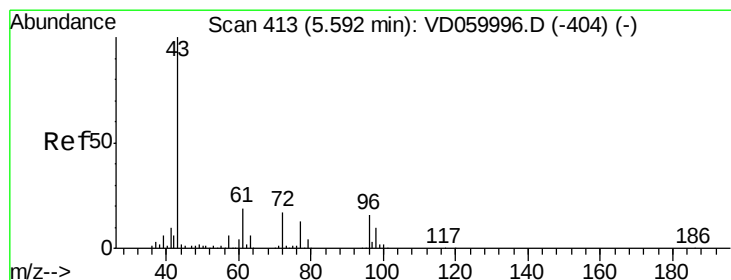
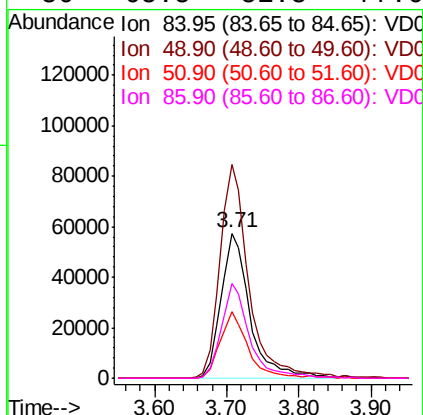
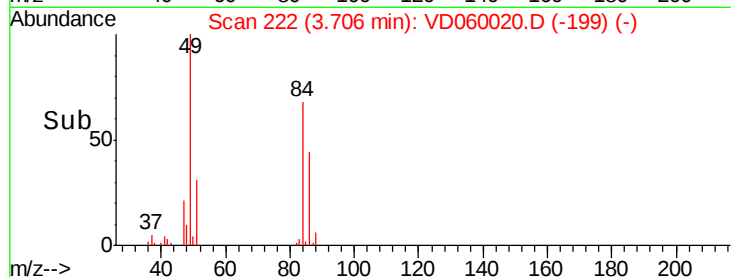
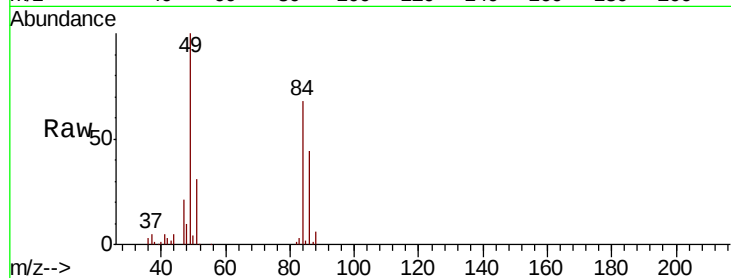




#20
Methylene Chloride
Concen: 4.96 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.02 min
Lab File: VD060020.D
Acq: 17 Sep 2018 14:41

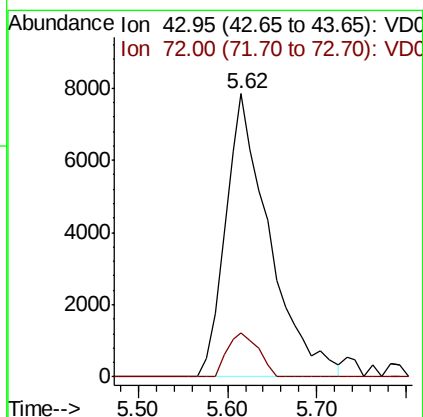
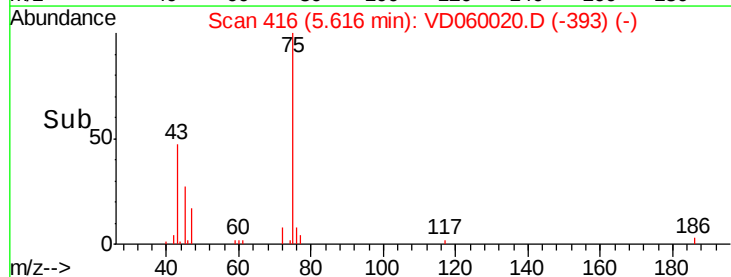
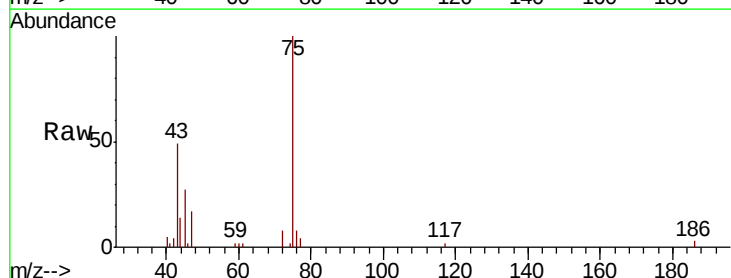
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091418-BRE

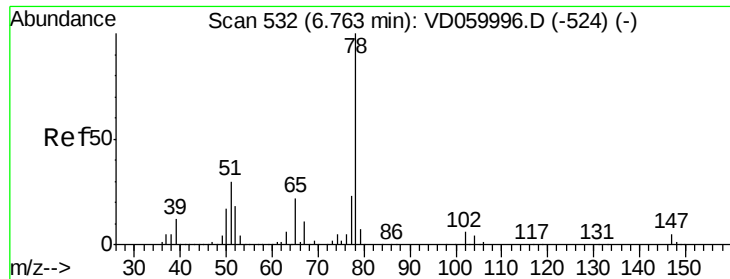
Tot Ion: 84 Resp: 159213
Ion Ratio Lower Upper
84 100
49 147.4 116.6 175.0
51 46.0 35.9 53.9
86 65.5 51.8 77.6



#25
2-Butanone
Concen: 5.08 ug/l
RT: 5.62 min Scan# 416
Delta R.T. 0.02 min
Lab File: VD060020.D
Acq: 17 Sep 2018 14:41

Tgt Ion: 43 Resp: 26796
Ion Ratio Lower Upper
43 100
72 15.6 13.6 20.4

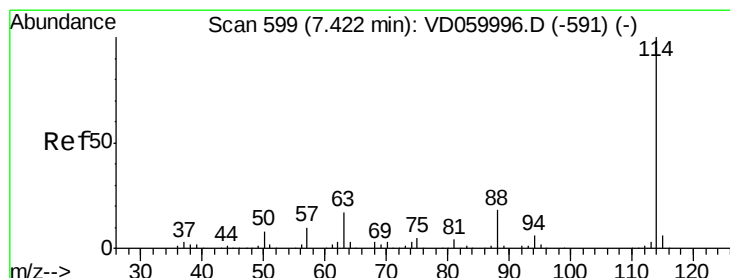
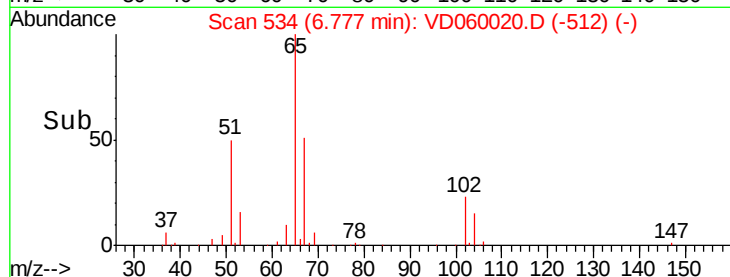
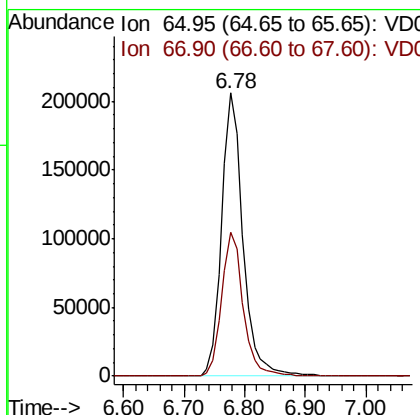
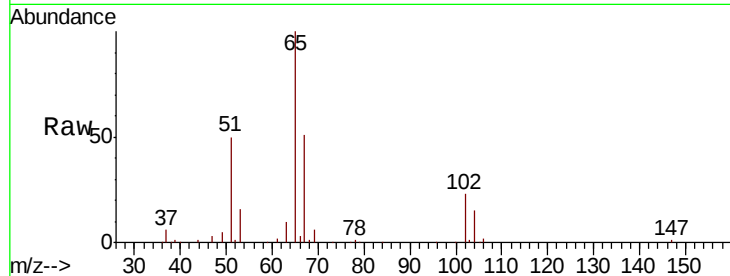




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VD060020.D
 Acq: 17 Sep 2018 14:41

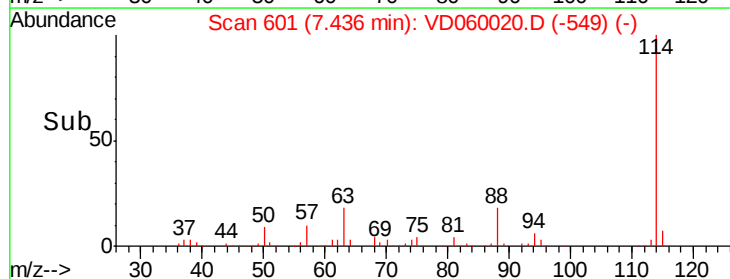
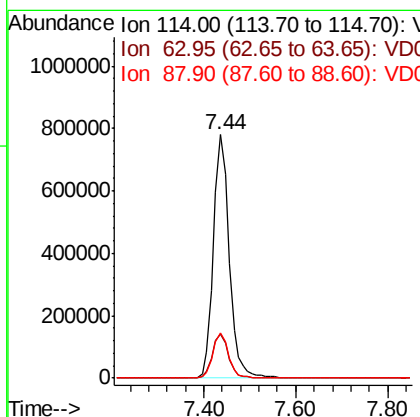
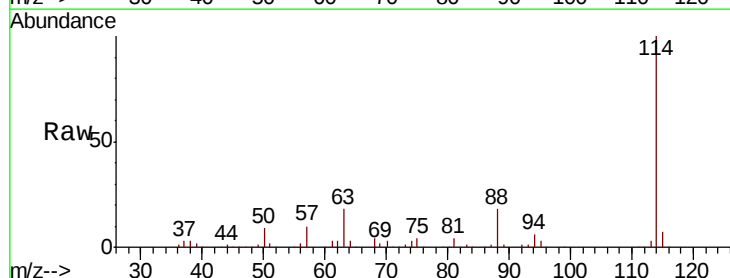
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-091418-BRE

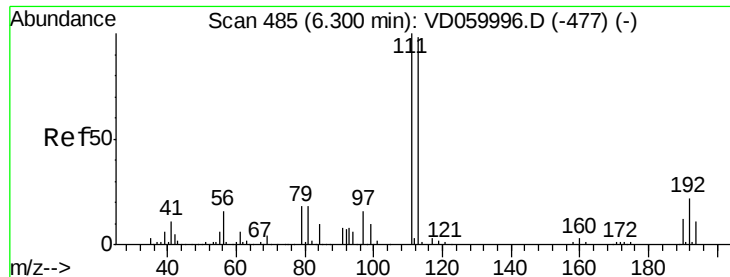
Tot Ion: 65 Resp: 506249
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: VD060020.D
 Acq: 17 Sep 2018 14:41

Tgt Ion: 114 Resp: 1845190
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.4
 88 18.3 0.0 35.8

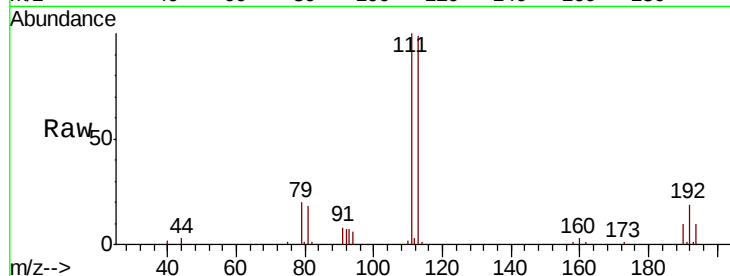




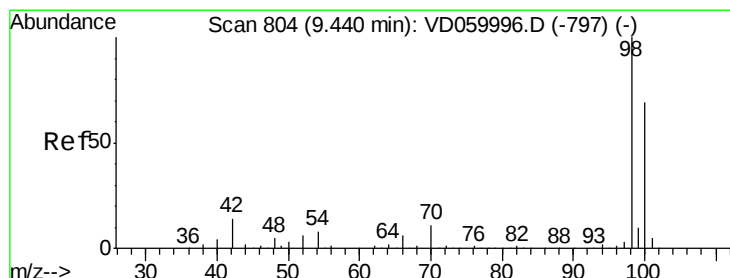
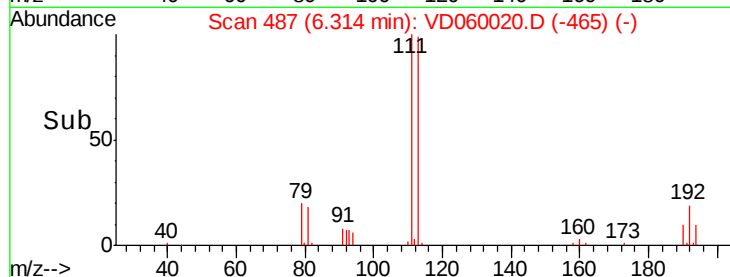
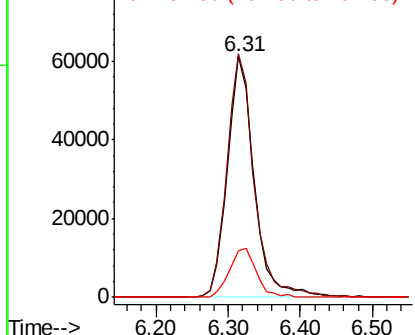
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.31 min Scan# 487
Delta R.T. 0.01 min
Lab File: VD060020.D
Acq: 17 Sep 2018 14:41

Instrument :
MSVOA_D
ClientSampleId :
OR-03-091418-BRE

Tot Ion:113 Resp: 157801
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.2 18.1 27.1

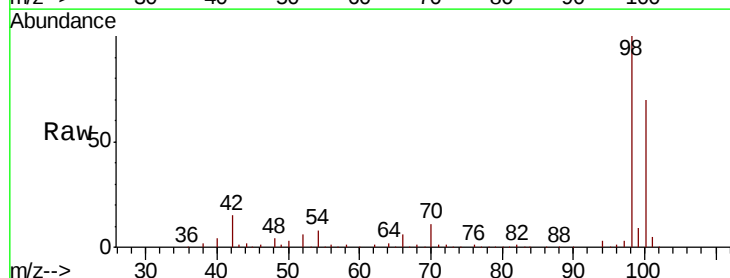


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

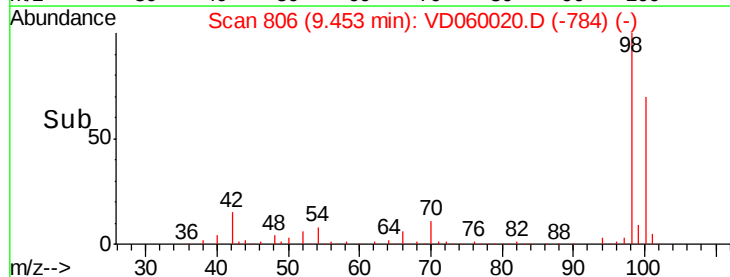
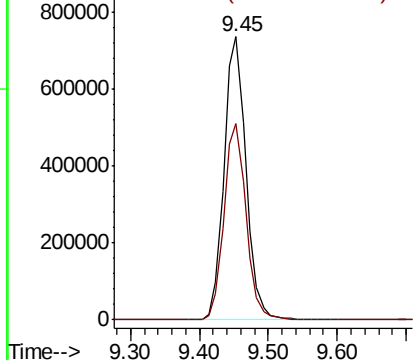


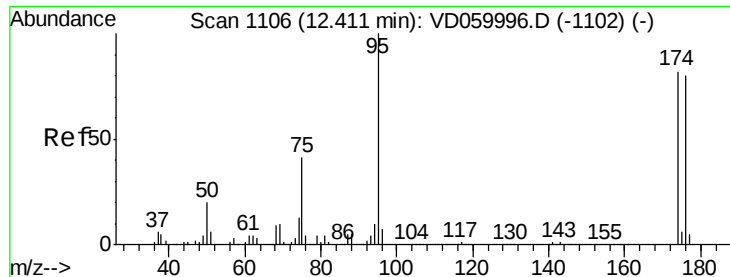
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.01 min
Lab File: VD060020.D
Acq: 17 Sep 2018 14:41

Tgt Ion: 98 Resp: 1623598
Ion Ratio Lower Upper
98 100
100 69.6 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060020.D

Acq: 17 Sep 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

OR-03-091418-BRE

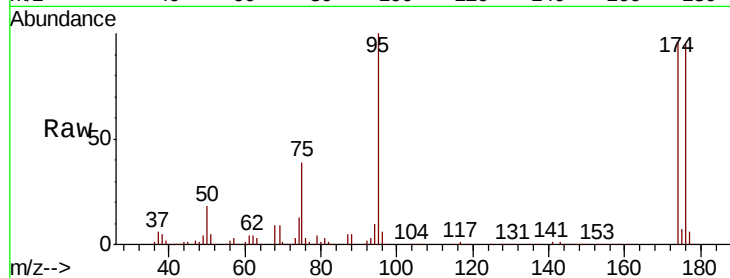
Tot Ion: 95 Resp: 546773

Ion Ratio Lower Upper

95 100

174 96.0 0.0 165.0

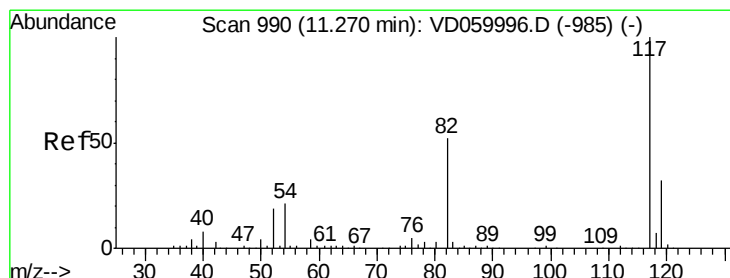
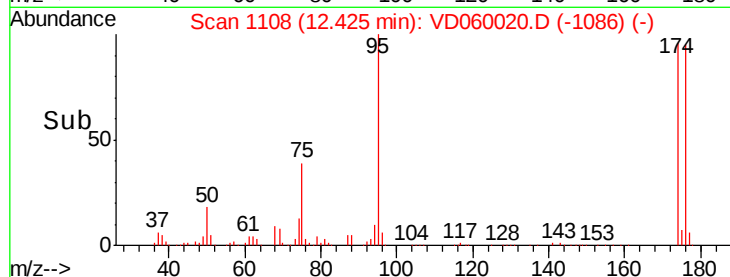
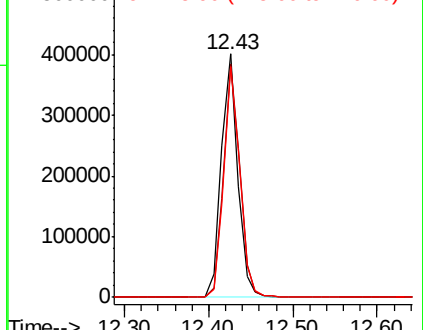
176 94.6 0.0 160.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VD060020.D

Acq: 17 Sep 2018 14:41

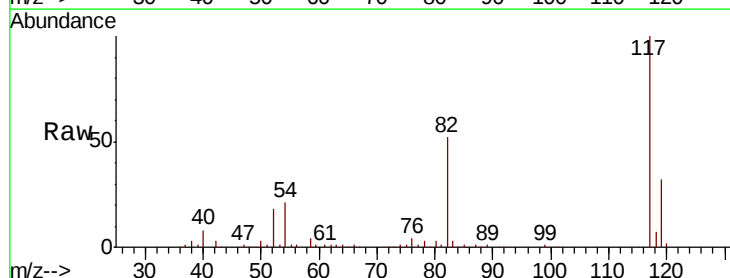
Tgt Ion: 117 Resp: 1403371

Ion Ratio Lower Upper

117 100

82 51.6 41.7 62.5

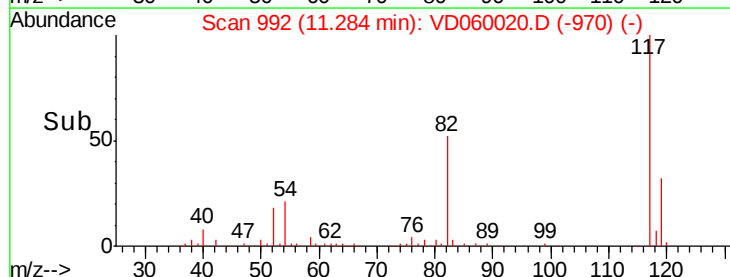
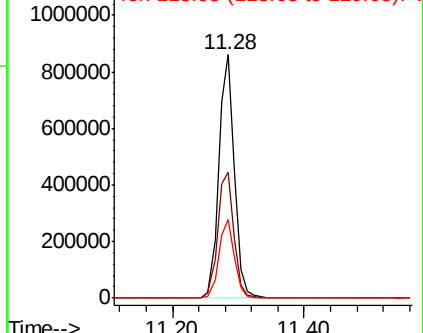
119 32.0 26.0 39.0

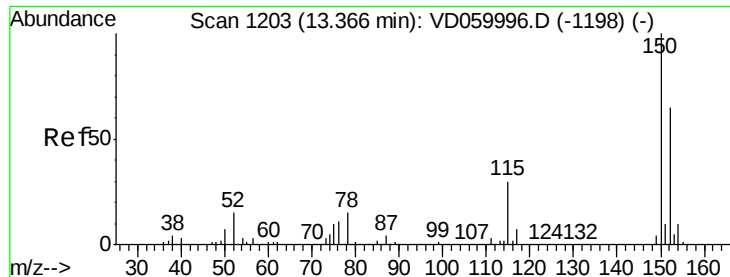


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VD060020.D

Acq: 17 Sep 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

OR-03-091418-BRE

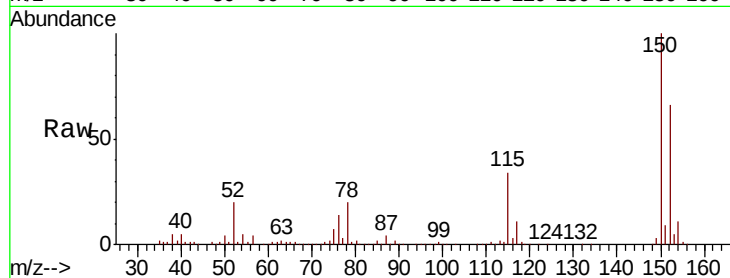
Tot Ion:152 Resp: 584201

Ion Ratio Lower Upper

152 100

115 52.5 24.6 73.8

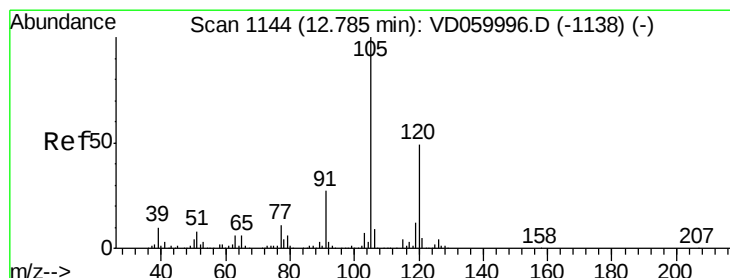
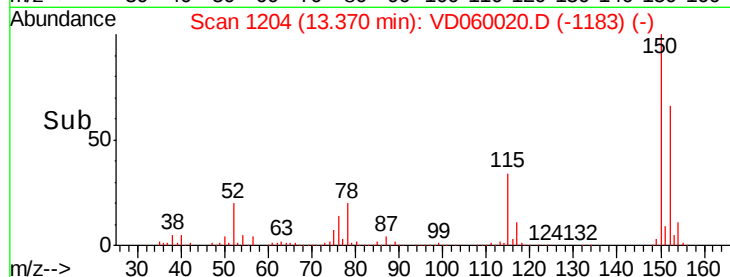
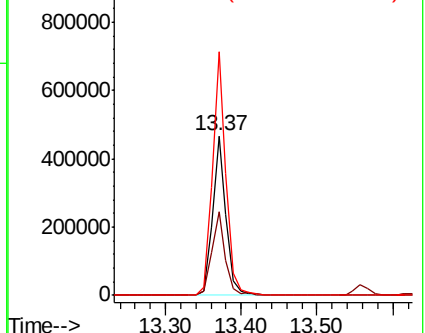
150 152.6 0.0 313.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.87 ug/l

RT: 12.79 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VD060020.D

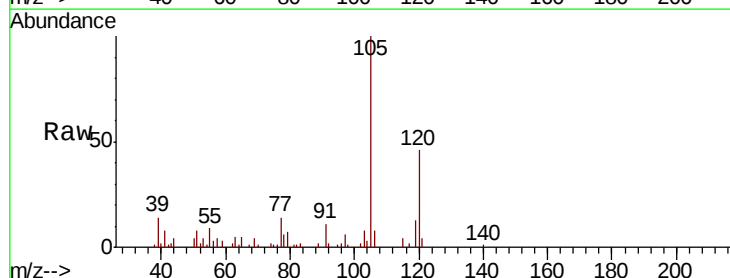
Acq: 17 Sep 2018 14:41

Tgt Ion:105 Resp: 54820

Ion Ratio Lower Upper

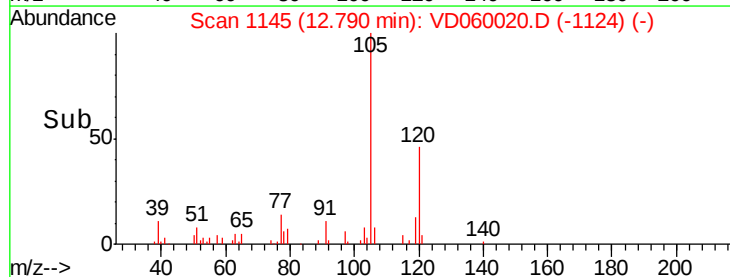
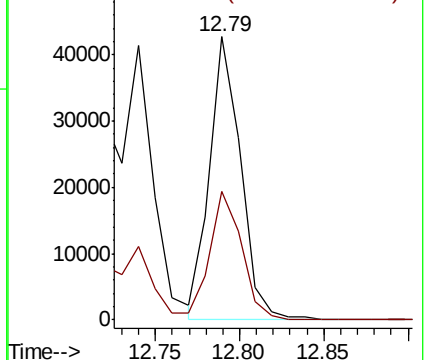
105 100

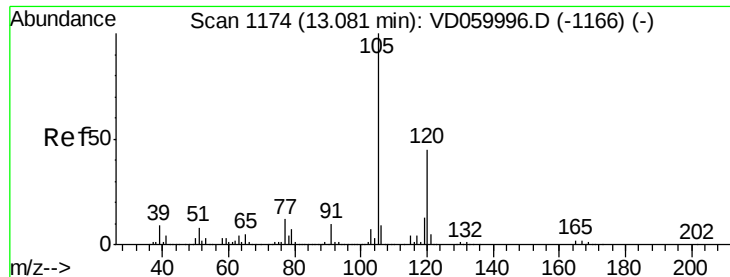
120 45.5 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#84

1,2,4-Trimethylbenzene

Concen: 8.62 ug/l

RT: 13.09 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VD060020.D

Acq: 17 Sep 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

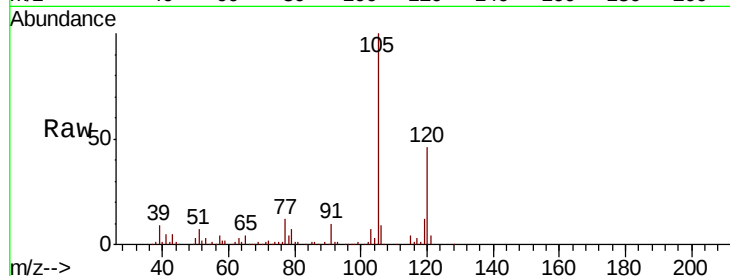
OR-03-091418-BRE

Tot Ion:105 Resp: 270075

Ion Ratio Lower Upper

105 100

120 45.6 22.4 67.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.09

200000

150000

100000

50000

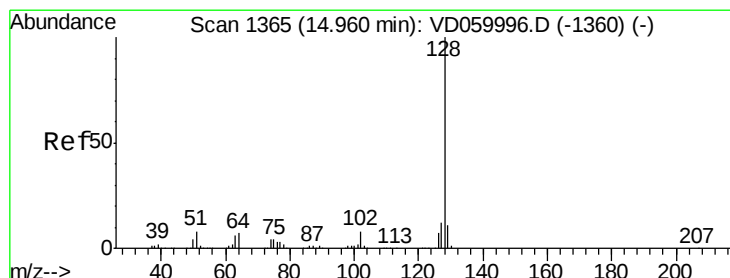
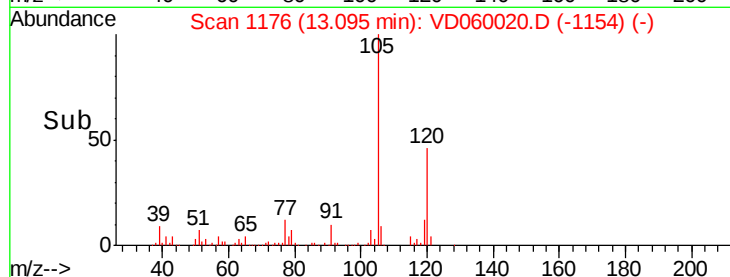
0

Time-->

13.00

13.10

13.20



#95

Naphthalene

Concen: 20.35 ug/l

RT: 14.96 min Scan# 1366

Delta R.T. 0.00 min

Lab File: VD060020.D

Acq: 17 Sep 2018 14:41

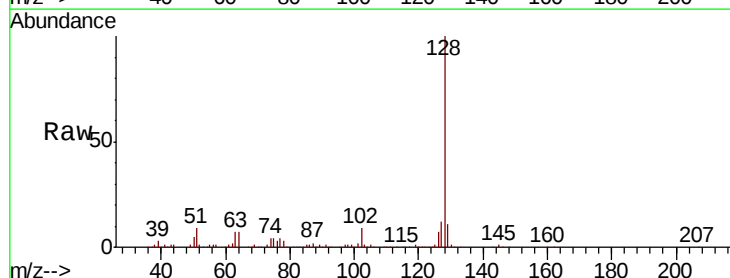
Tgt Ion:128 Resp: 429757

Ion Ratio Lower Upper

128 100

127 12.4 9.7 14.5

129 11.0 8.9 13.3



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

500000

400000

300000

200000

100000

0

Time-->

14.90

14.95

15.00

