

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
 Data File : VD060428.D
 Acq On : 20 Nov 2018 14:50
 Operator : JC/SY
 Sample : J5951-02RE
 Misc : 5.01µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 01:15:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

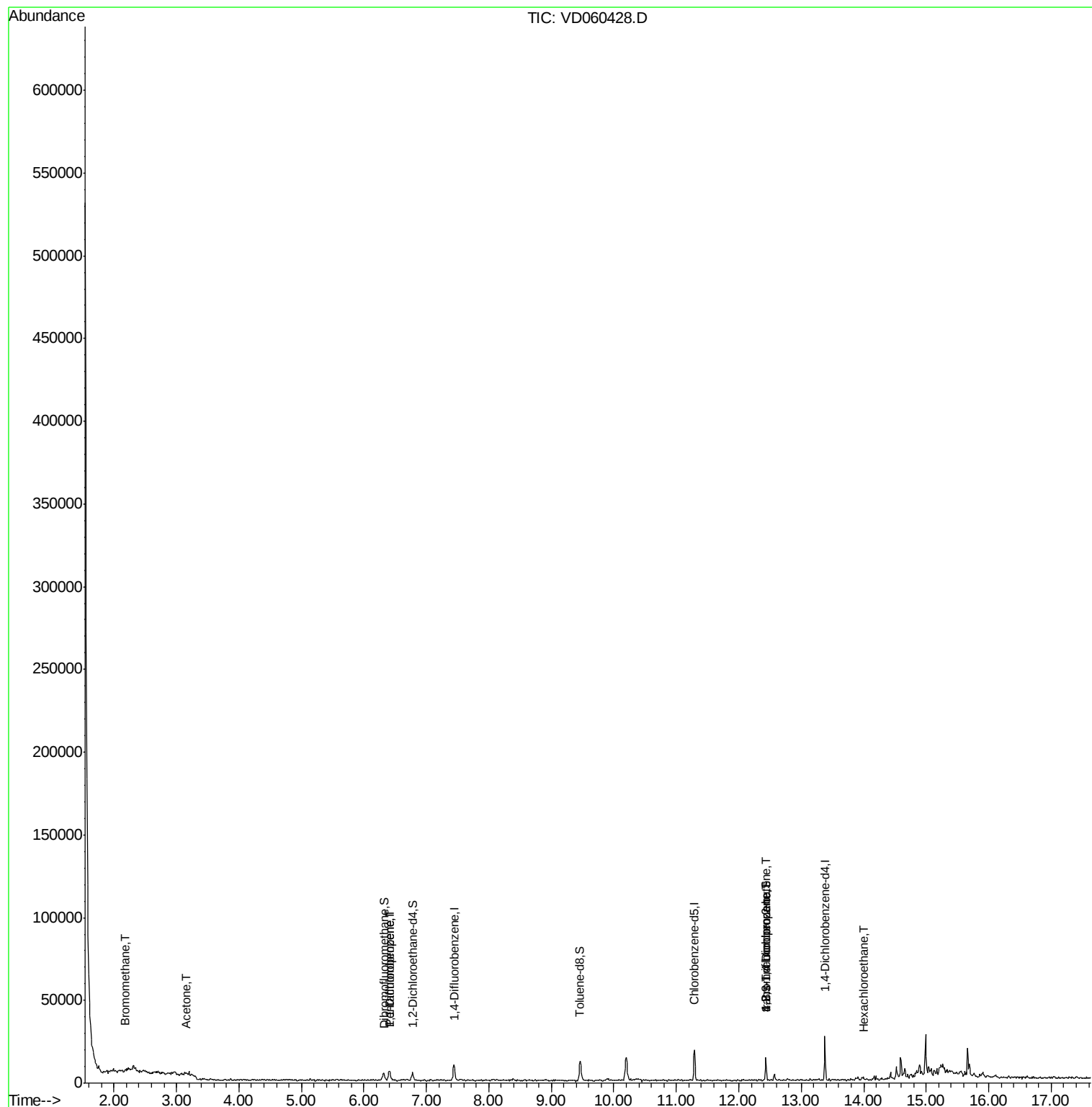
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	8862	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	12957	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.29	117	11179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	6101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	4110	64.77	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	129.54%	
35) Dibromofluoromethane	6.32	113	3892	40.28	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	80.56%	
50) Toluene-d8	9.46	98	12065	42.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.34%	
62) 4-Bromofluorobenzene	12.43	95	5076	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.17	94	208	12.789	ug/l #	2
16) Acetone	3.16	43	280	25.439	ug/l #	55
36) 1,1-Dichloropropene	6.41	75	419	3.273	ug/l #	41
76) 1,2,3-Trichloropropane	12.43	75	1314	18.004	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.43	75	1794	86.342	ug/l #	15
89) n-Butylbenzene	13.65	91	188	Below Cal	#	29
90) Hexachloroethane	13.99	117	647	7.201	ug/l #	9

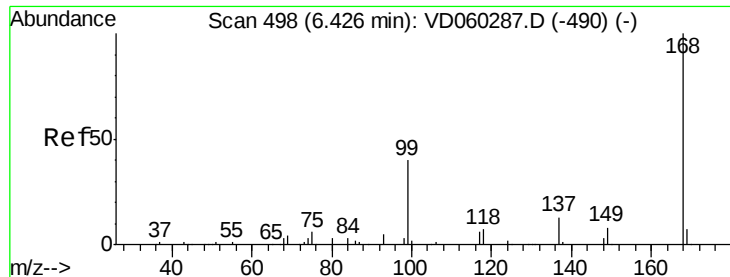
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060428.D

Acq: 20 Nov 2018 14:50

Instrument :

MSVOA_D

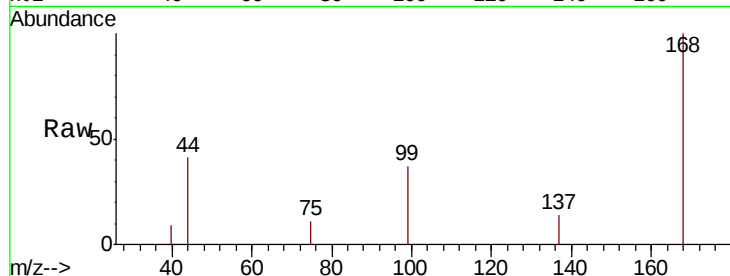
ClientSampleId :

Tot Ion:168 Resp: 8862

Ion Ratio Lower Upper

168 100

99 37.0 39.8 59.8#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

4000

3000

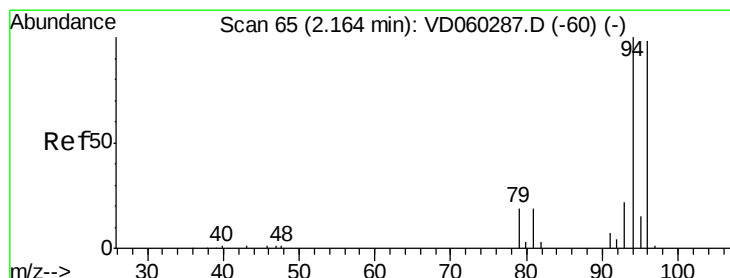
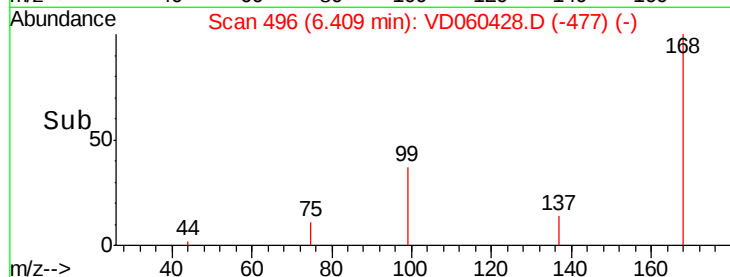
2000

1000

0

6.35 6.40 6.45 6.50

Time-->



#5

Bromomethane

Concen: 12.789 ug/l

RT: 2.17 min Scan# 65

Delta R.T. 0.00 min

Lab File: VD060428.D

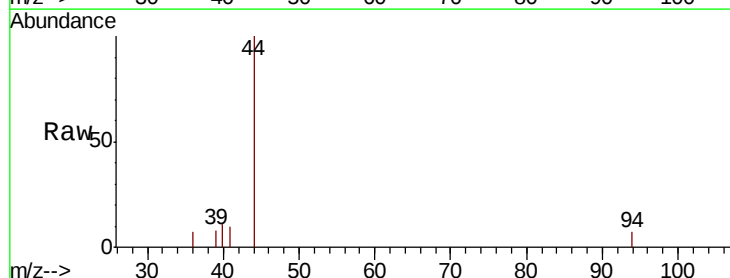
Acq: 20 Nov 2018 14:50

Tgt Ion: 94 Resp: 208

Ion Ratio Lower Upper

94 100

96 0.0 76.6 114.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.17

400

300

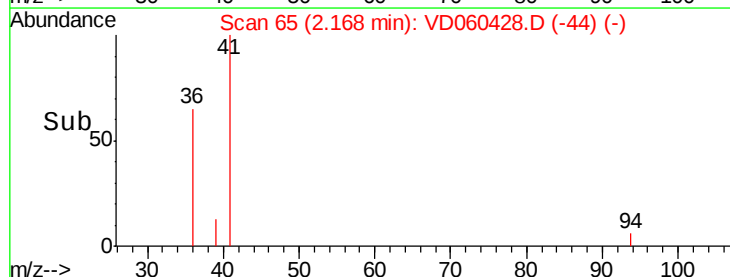
200

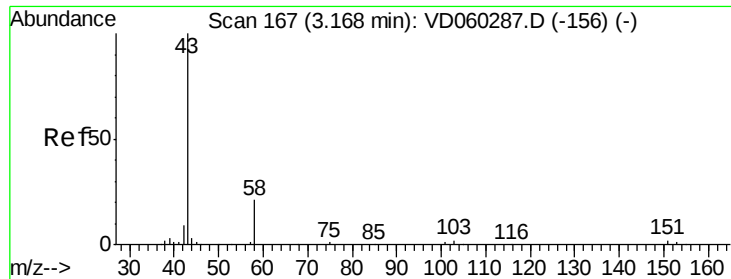
100

0

2.14 2.16 2.18 2.20

Time-->





#16

Acetone

Concen: 25.439 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060428.D

Acq: 20 Nov 2018 14:50

Instrument :

MSVOA_D

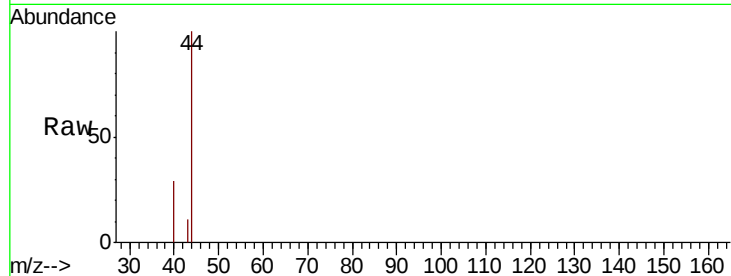
ClientSampled :

Tot Ion: 43 Resp: 280

Ion Ratio Lower Upper

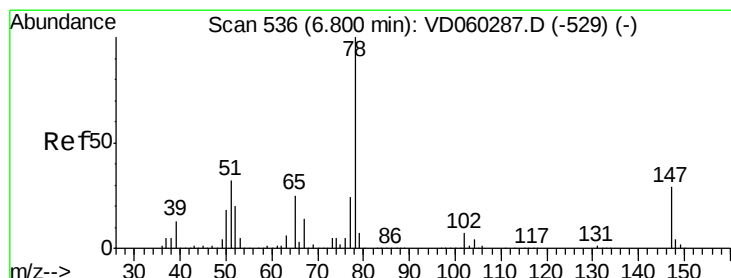
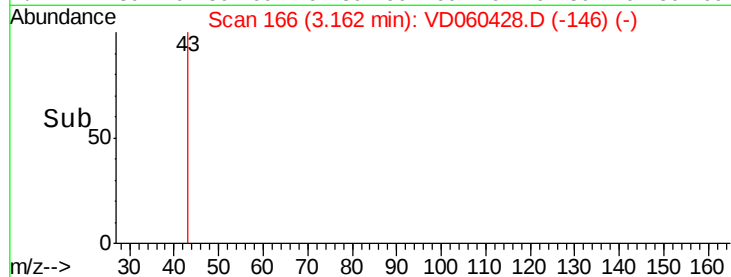
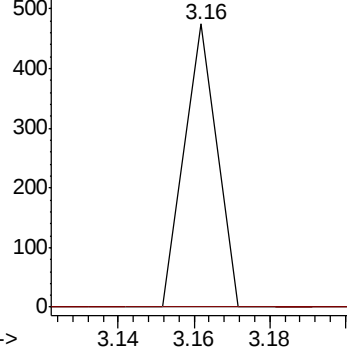
43 100

58 0.0 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.03 min

Lab File: VD060428.D

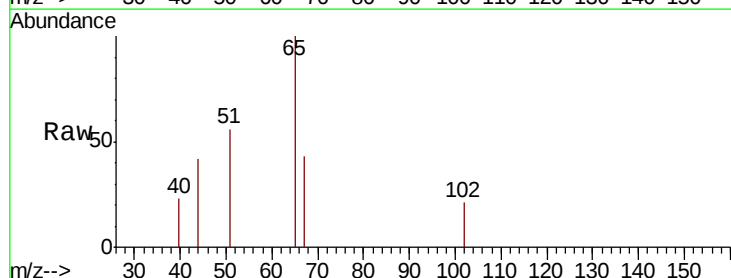
Acq: 20 Nov 2018 14:50

Tgt Ion: 65 Resp: 4110

Ion Ratio Lower Upper

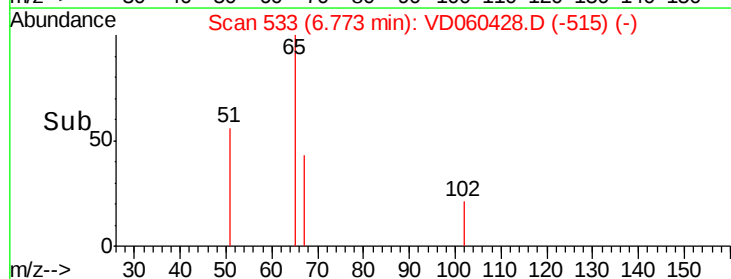
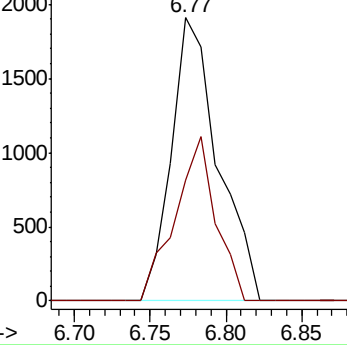
65 100

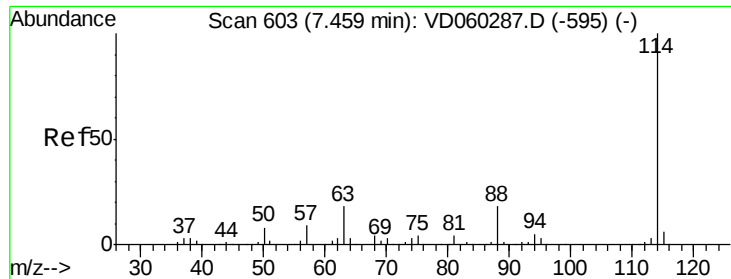
67 42.7 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

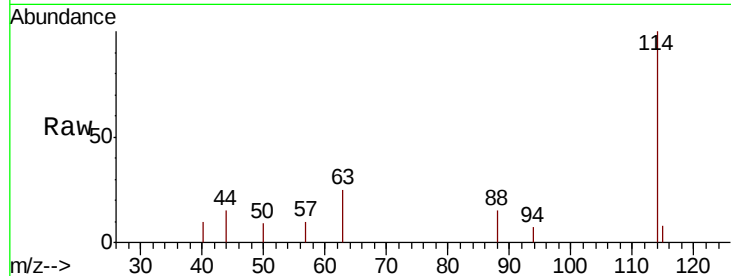




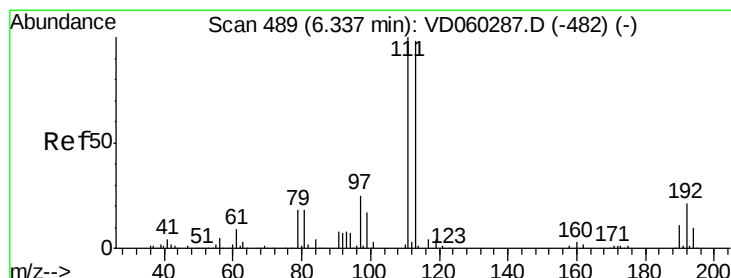
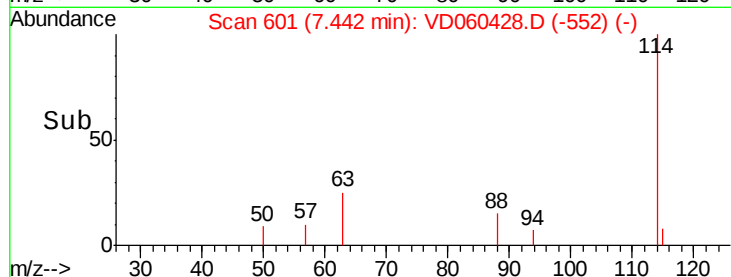
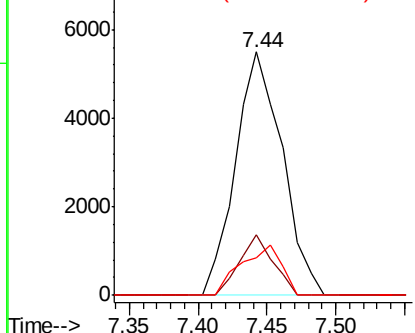
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060428.D
 Acq: 20 Nov 2018 14:50

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 12957
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 34.0
 88 15.2 0.0 35.4

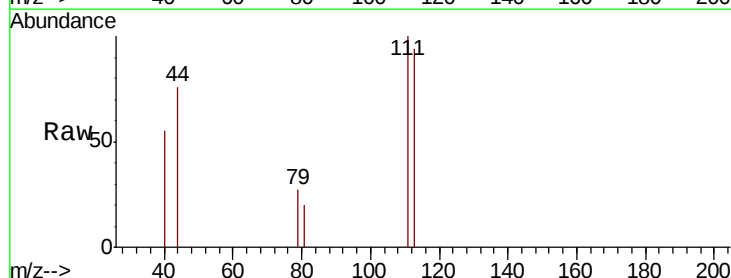


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

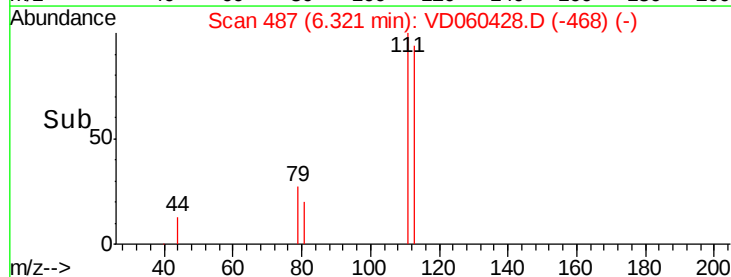
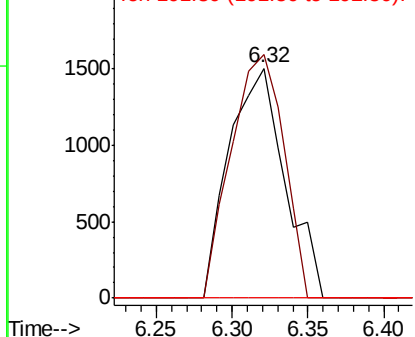


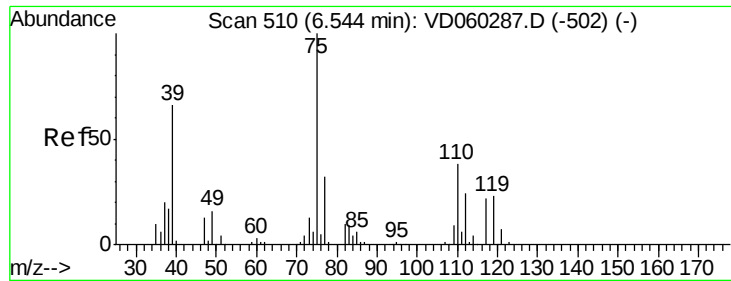
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: VD060428.D
 Acq: 20 Nov 2018 14:50

Tgt Ion:113 Resp: 3892
 Ion Ratio Lower Upper
 113 100
 111 105.9 81.6 122.4
 192 0.0 16.5 24.7#



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





#36

1,1-Dichloropropene

Concen: 3.273 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.13 min

Lab File: VD060428.D

Acq: 20 Nov 2018 14:50

Instrument :

MSVOA_D

ClientSampleId :

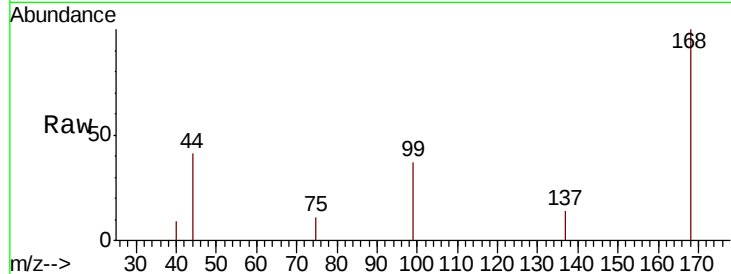
Tot Ion: 75 Resp: 419

Ion Ratio Lower Upper

75 100

110 0.0 18.0 54.0#

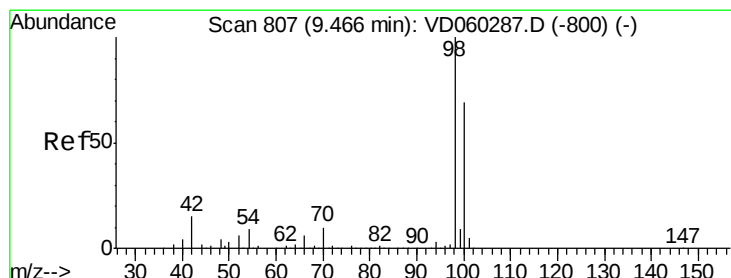
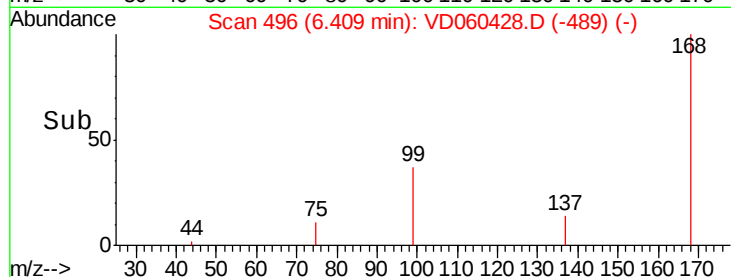
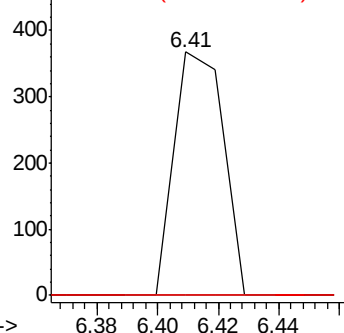
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060428.D

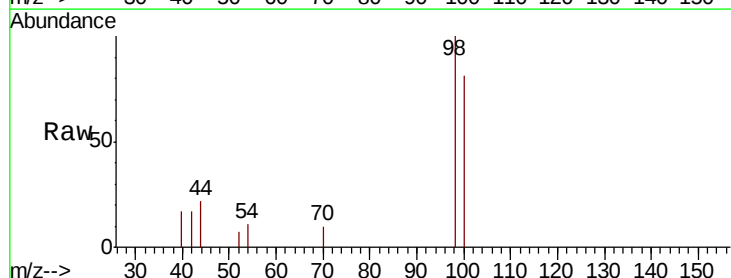
Acq: 20 Nov 2018 14:50

Tgt Ion: 98 Resp: 12065

Ion Ratio Lower Upper

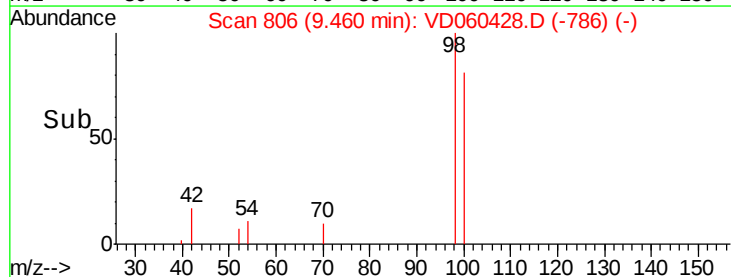
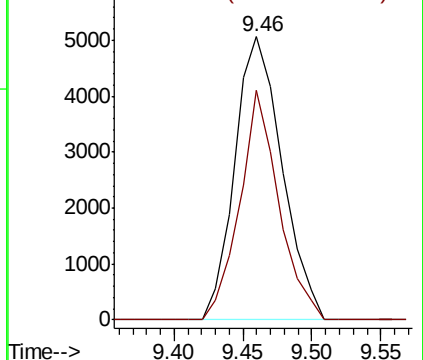
98 100

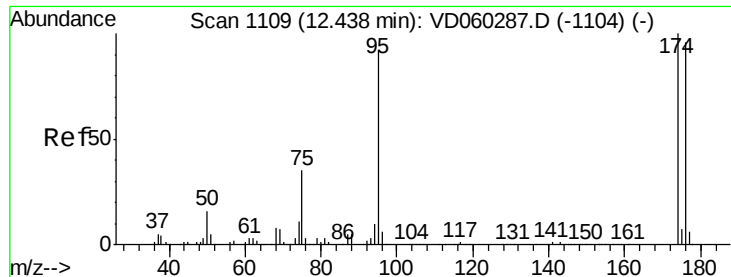
100 81.1 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

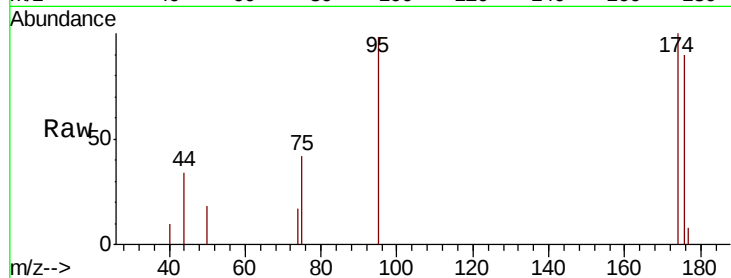




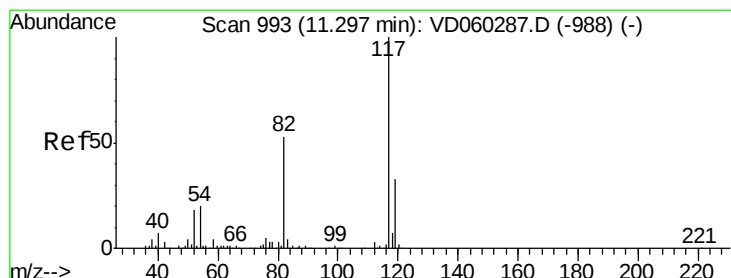
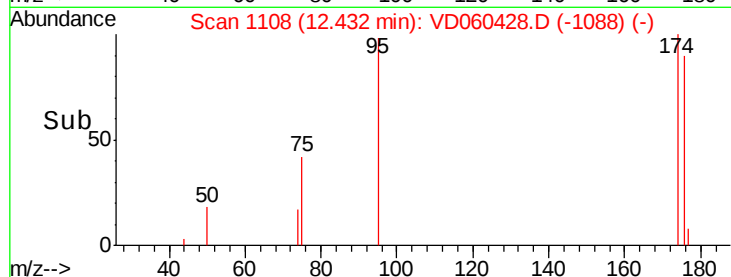
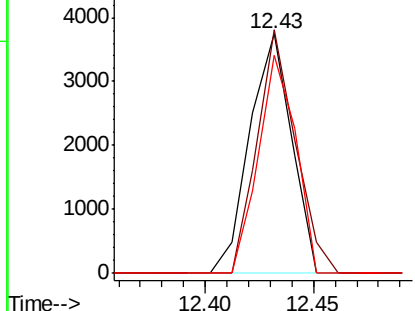
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060428.D
Acq: 20 Nov 2018 14:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 5076
Ion Ratio Lower Upper
95 100
174 101.6 0.0 160.8
176 91.0 0.0 154.6

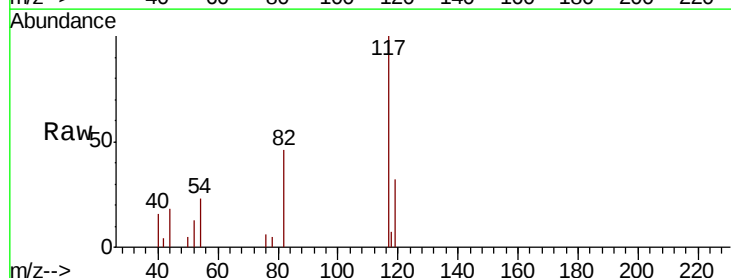


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

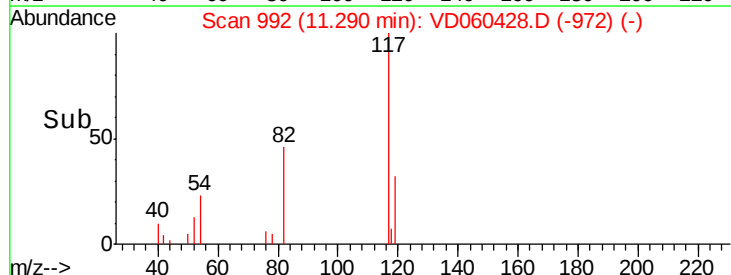
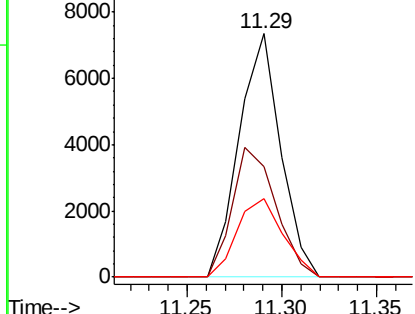


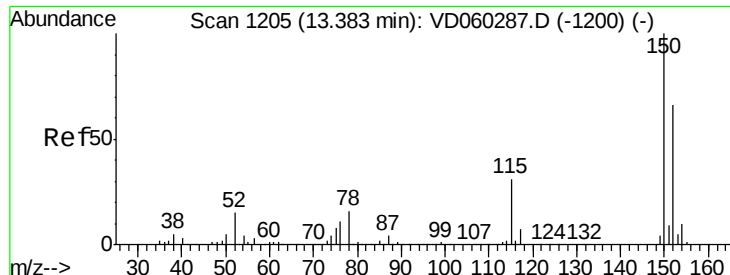
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060428.D
Acq: 20 Nov 2018 14:50

Tgt Ion: 117 Resp: 11179
Ion Ratio Lower Upper
117 100
82 45.5 43.7 65.5
119 32.5 26.1 39.1



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: 50.000 ug/l

RT: 13.38 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060428.D

Acq: 20 Nov 2018 14:50

Instrument :

MSVOA_D

ClientSampleId :

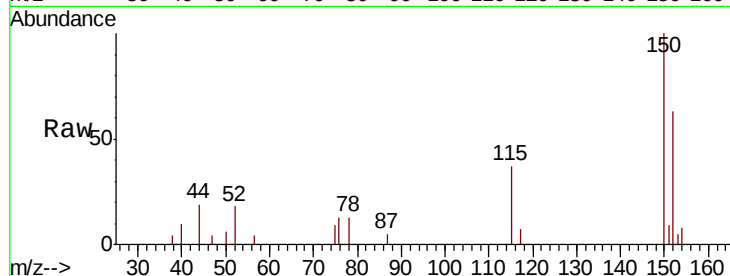
Tot Ion:152 Resp: 6101

Ion Ratio Lower Upper

152 100

115 57.9 24.1 72.3

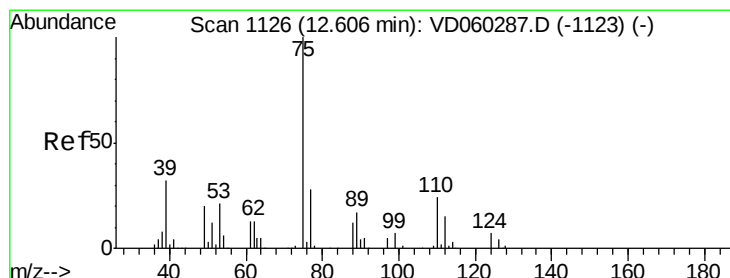
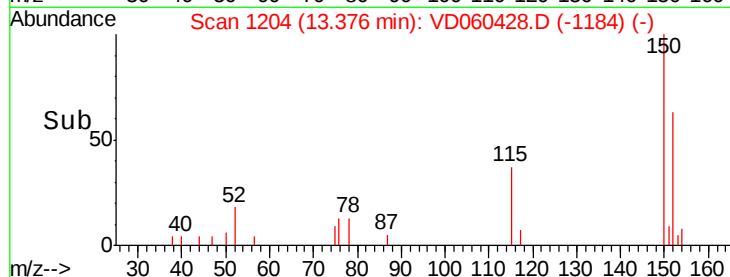
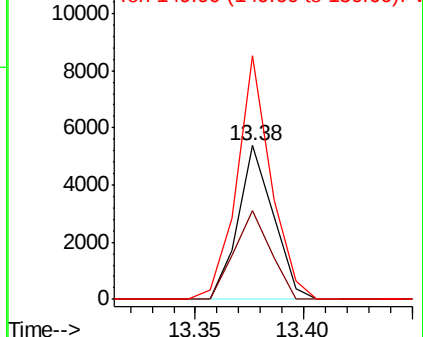
150 158.7 0.0 310.6



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



#76

1,2,3-Trichloropropane

Concen: 18.004 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.17 min

Lab File: VD060428.D

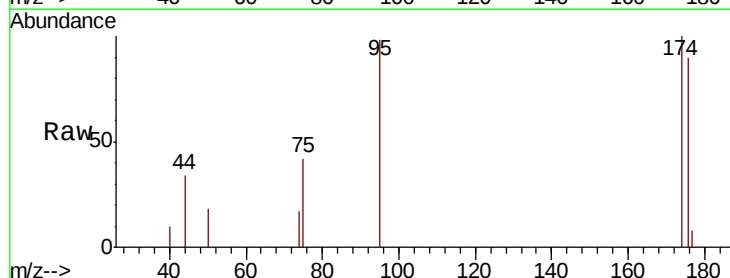
Acq: 20 Nov 2018 14:50

Tgt Ion: 75 Resp: 1314

Ion Ratio Lower Upper

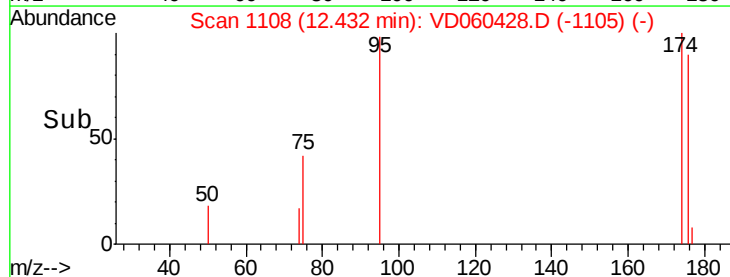
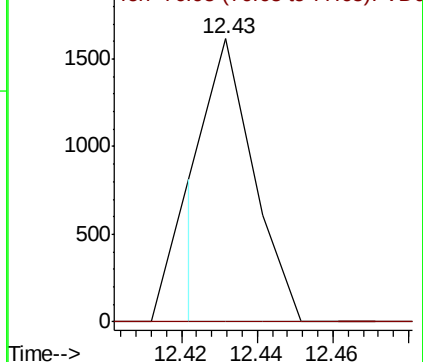
75 100

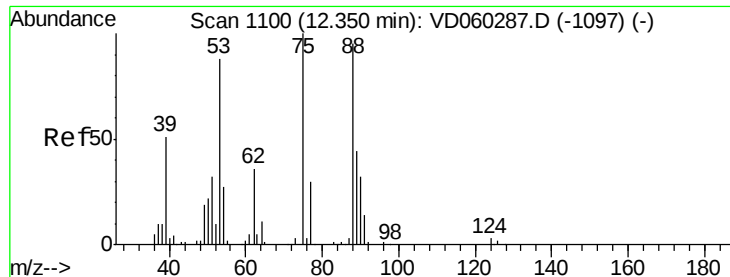
77 0.0 16.4 49.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 86.342 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060428.D

Acq: 20 Nov 2018 14:50

Instrument :

MSVOA_D

ClientSampleId :

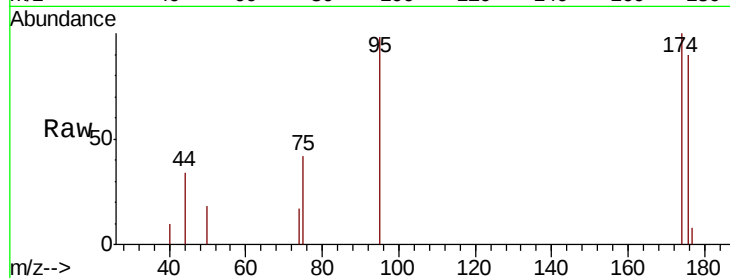
Tot Ion: 75 Resp: 1794

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

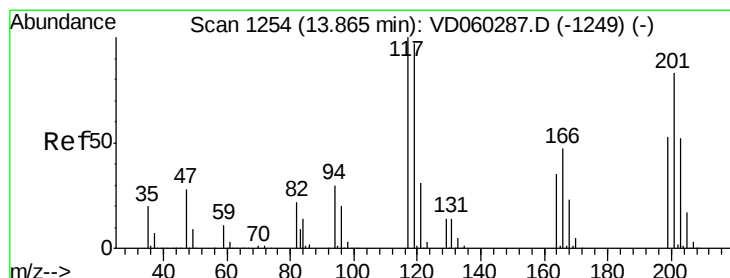
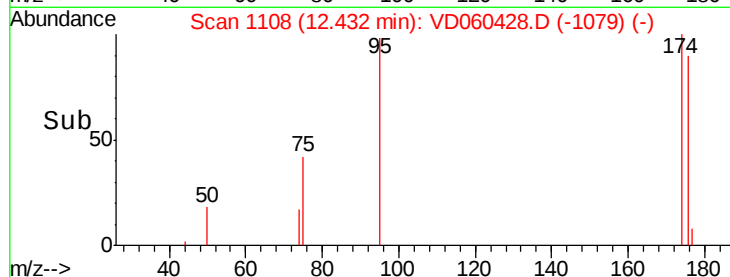
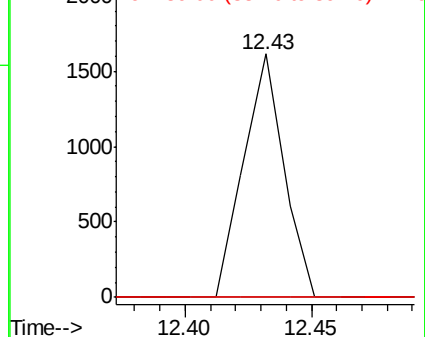
89 0.0 34.1 51.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#90

Hexachloroethane

Concen: 7.201 ug/l

RT: 13.99 min Scan# 1266

Delta R.T. 0.12 min

Lab File: VD060428.D

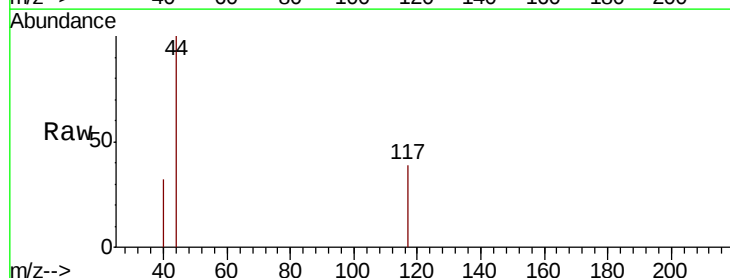
Acq: 20 Nov 2018 14:50

Tgt Ion: 117 Resp: 647

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.3#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

