

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
 Data File : VD060377.D
 Acq On : 14 Nov 2018 14:13
 Operator : JC/SY
 Sample : J5925-09
 Misc : 10.55g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5S1

Quant Time: Nov 14 16:26:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

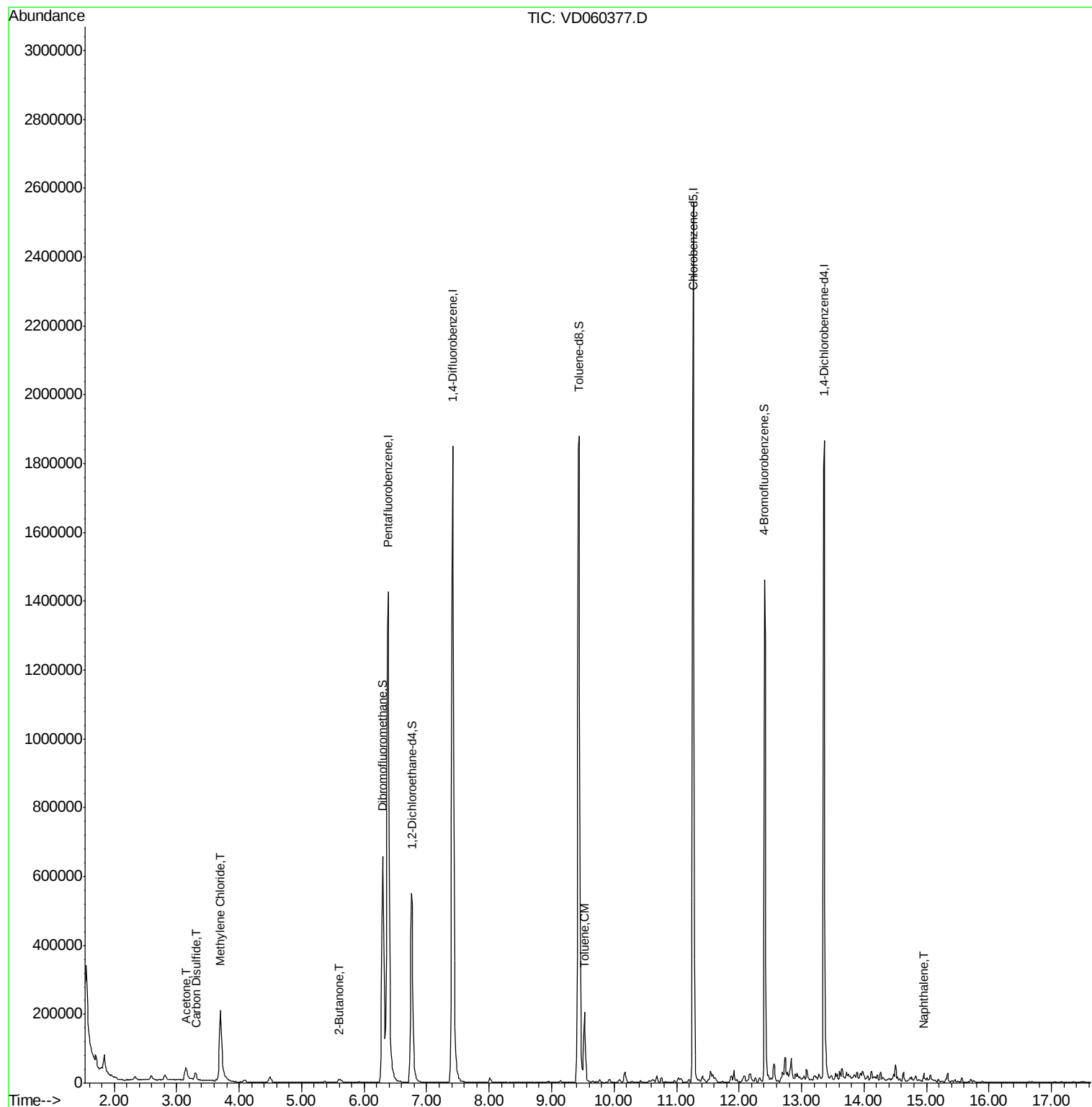
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1426092	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1937411	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	1385435	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	489070	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	449182	43.99	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.98%	
35) Dibromofluoromethane	6.30	113	529477	36.65	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	73.30%	
50) Toluene-d8	9.44	98	1565857	37.03	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	74.06%	
62) 4-Bromofluorobenzene	12.41	95	434148	28.34	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	56.68%	
Target Compounds						
16) Acetone	3.15	43	88868	50.17	ug/l	# 87
17) Carbon Disulfide	3.30	76	41319	1.84	ug/l	99
20) Methylene Chloride	3.70	84	141378	9.00	ug/l	96
25) 2-Butanone	5.60	43	17725	4.81	ug/l	99
52) Toluene	9.52	92	96643	3.10	ug/l	99
95) Naphthalene	14.96	128	13450	1.00	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060377.D

Acq: 14 Nov 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

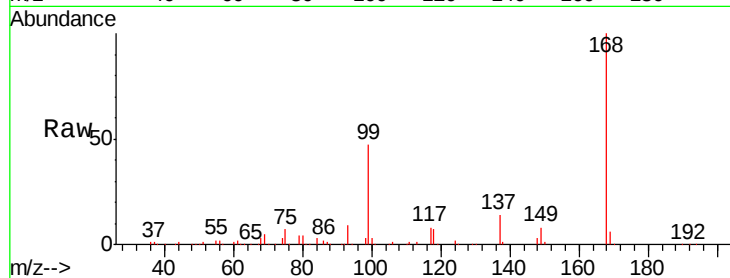
TP-5S1

Tgt Ion:168 Resp: 1426092

Ion Ratio Lower Upper

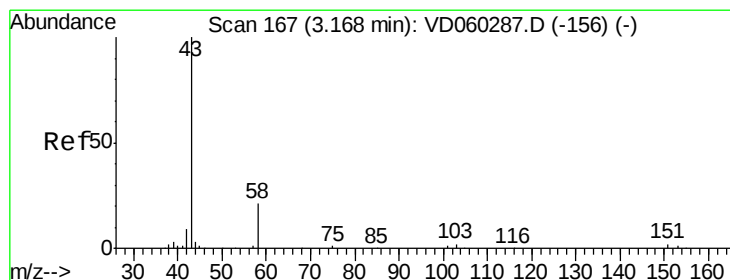
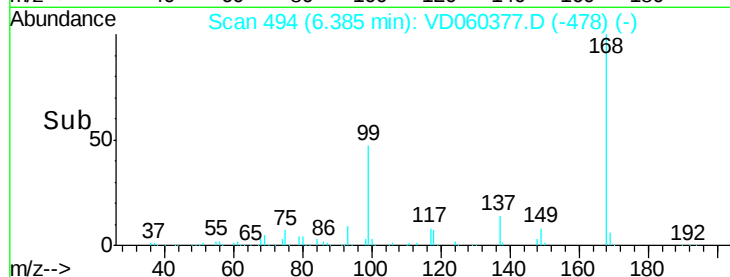
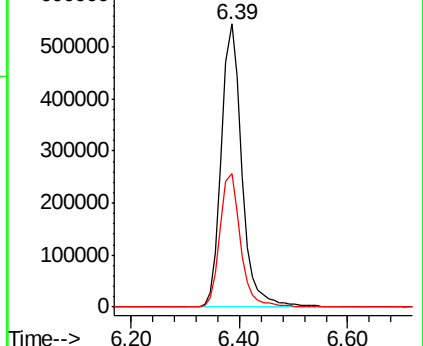
168 100

99 47.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 50.17 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060377.D

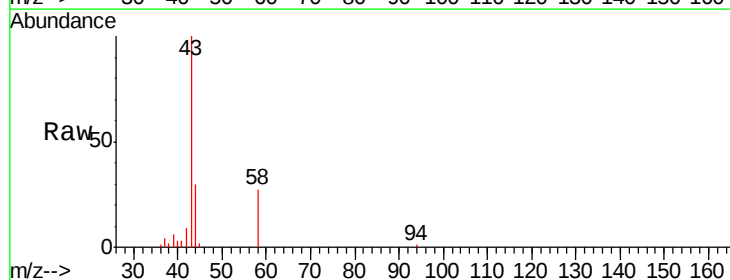
Acq: 14 Nov 2018 14:13

Tgt Ion: 43 Resp: 88868

Ion Ratio Lower Upper

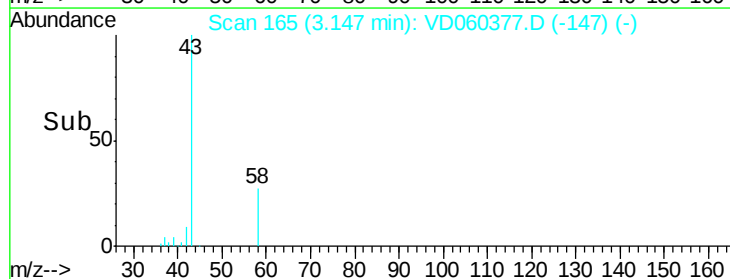
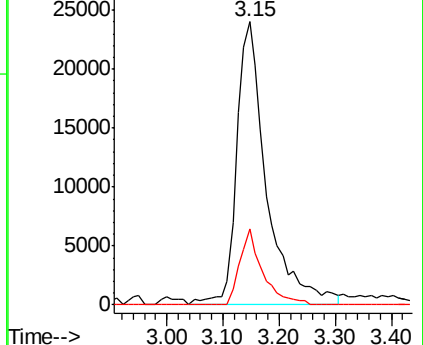
43 100

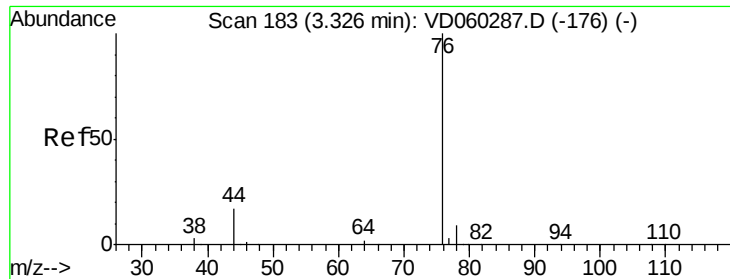
58 27.0 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.84 ug/l

RT: 3.30 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD060377.D

Acq: 14 Nov 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

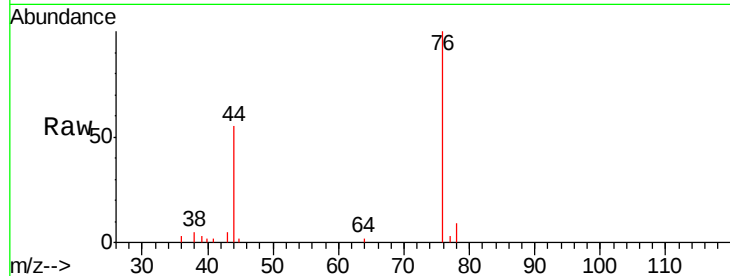
TP-5S1

Tgt Ion: 76 Resp: 41319

Ion Ratio Lower Upper

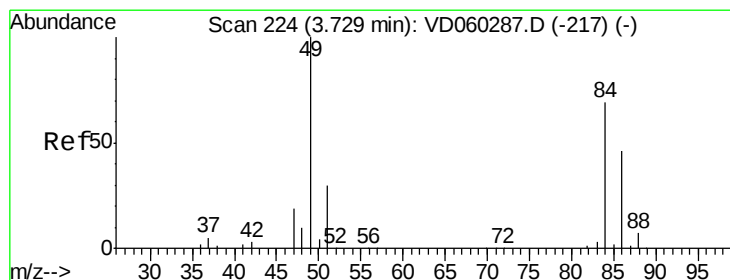
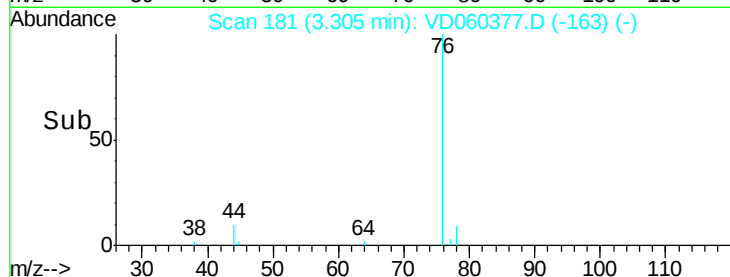
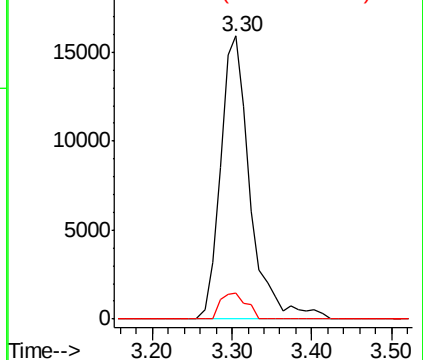
76 100

78 9.1 7.0 10.4



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 9.00 ug/l

RT: 3.70 min Scan# 221

Delta R.T. -0.03 min

Lab File: VD060377.D

Acq: 14 Nov 2018 14:13

Tgt Ion: 84 Resp: 141378

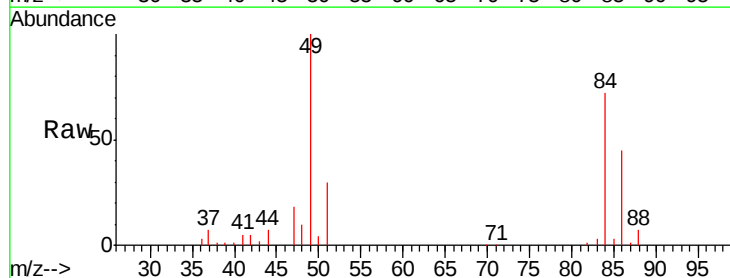
Ion Ratio Lower Upper

84 100

49 139.2 115.6 173.4

51 41.4 35.6 53.4

86 63.1 52.3 78.5

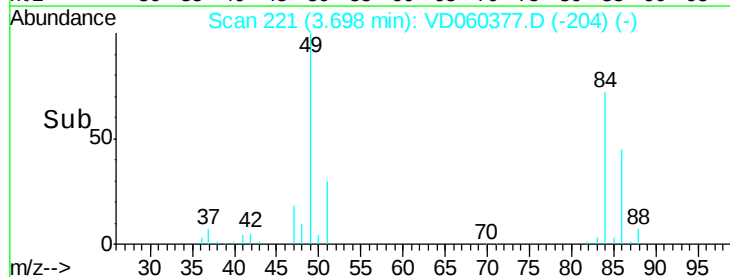
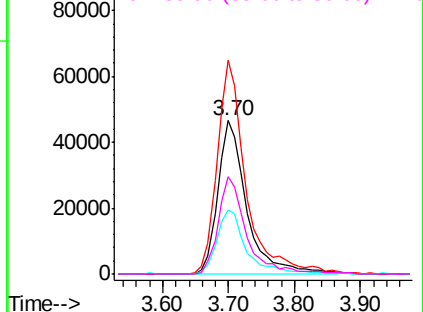


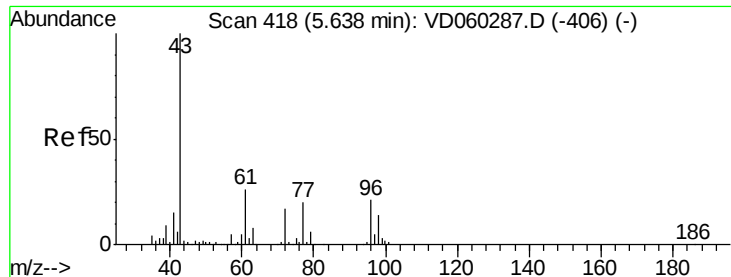
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#25

2-Butanone

Concen: 4.81 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.04 min

Lab File: VD060377.D

Acq: 14 Nov 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

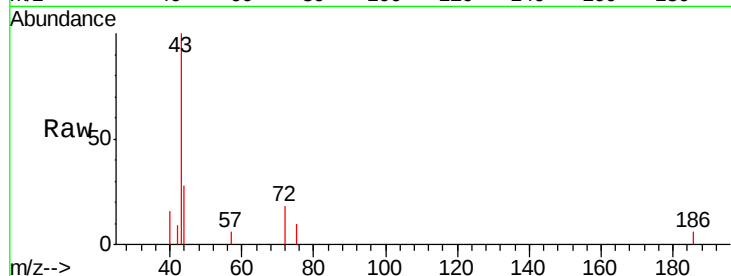
TP-5S1

Tgt Ion: 43 Resp: 17725

Ion Ratio Lower Upper

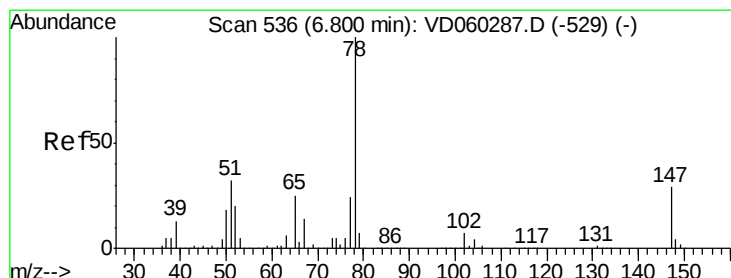
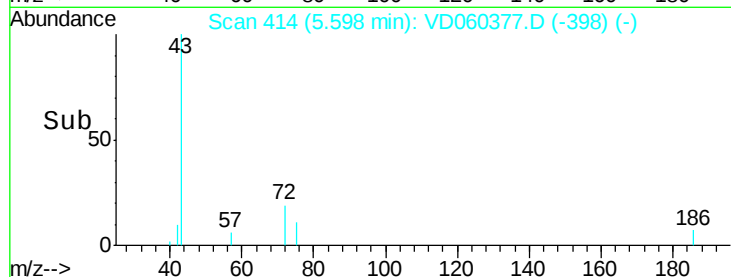
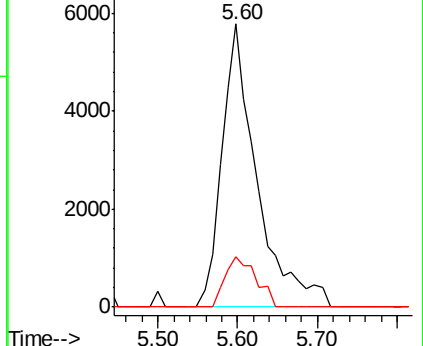
43 100

72 17.9 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.04 min

Lab File: VD060377.D

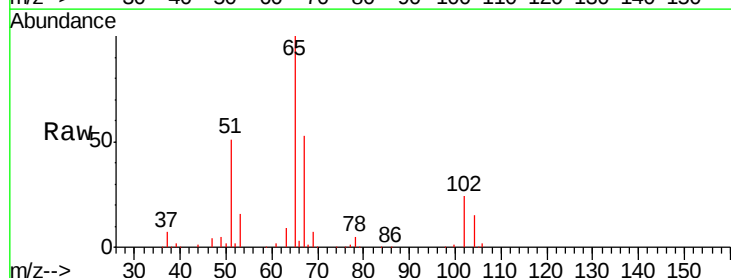
Acq: 14 Nov 2018 14:13

Tgt Ion: 65 Resp: 449182

Ion Ratio Lower Upper

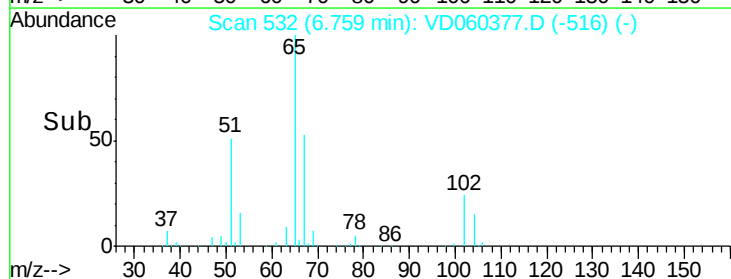
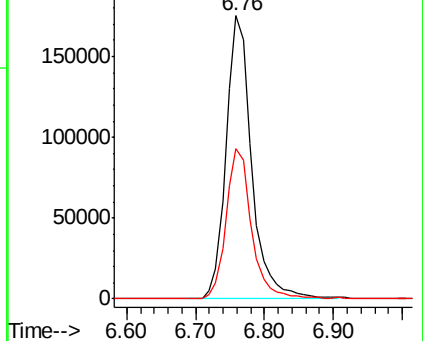
65 100

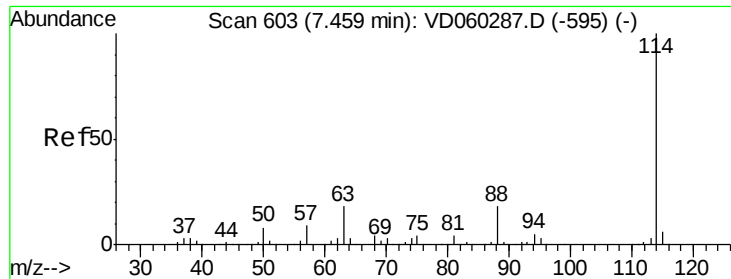
67 53.2 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

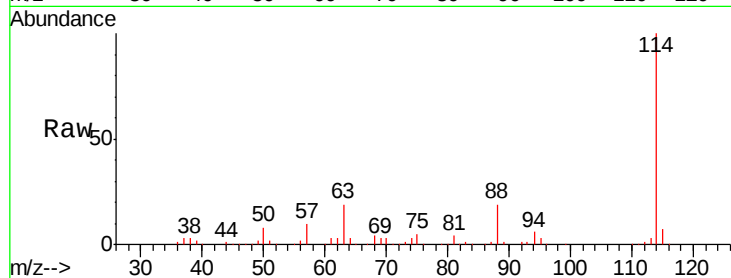




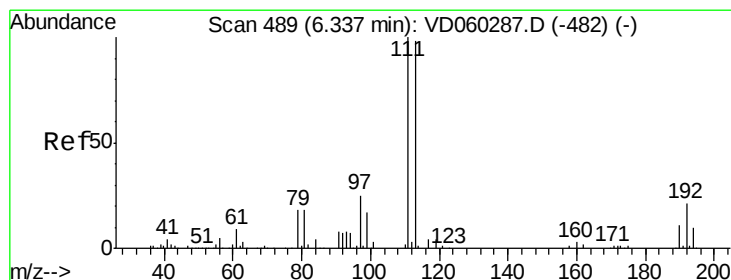
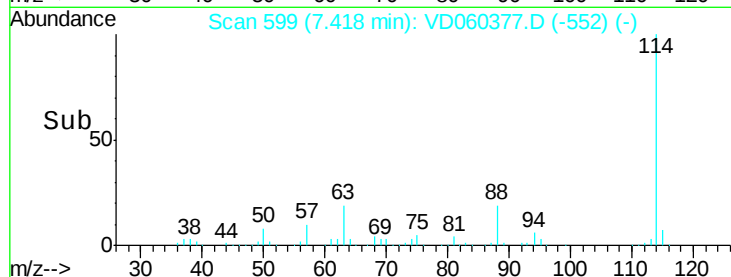
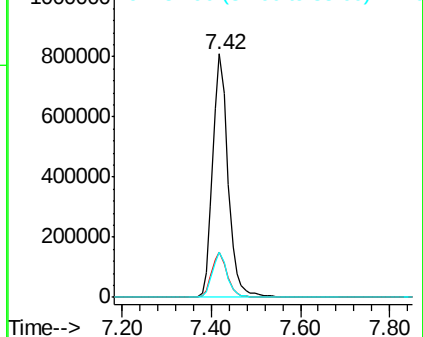
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.04 min
 Lab File: VD060377.D
 Acq: 14 Nov 2018 14:13

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5S1

Tgt Ion:114 Resp: 1937411
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.0
 88 18.6 0.0 35.4

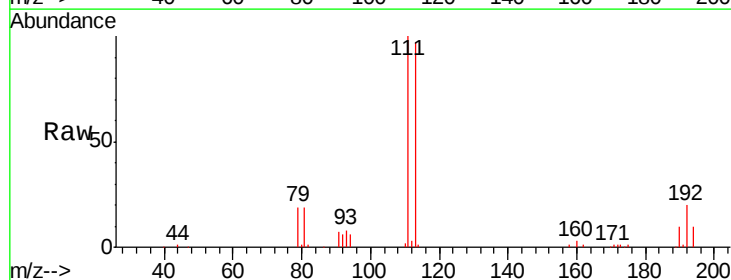


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

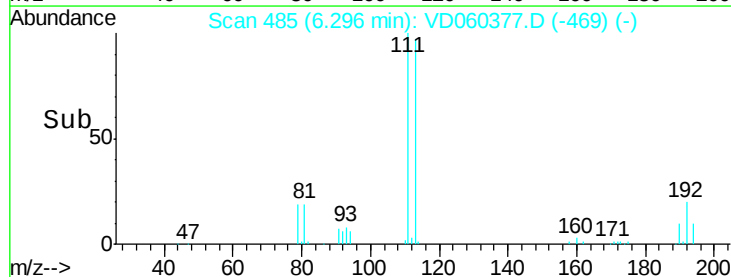
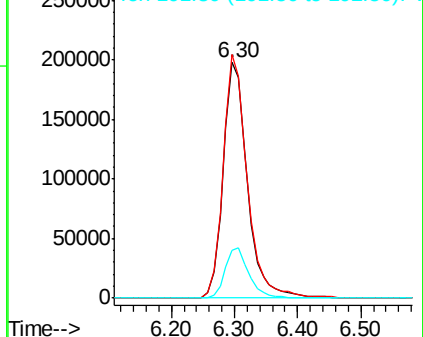


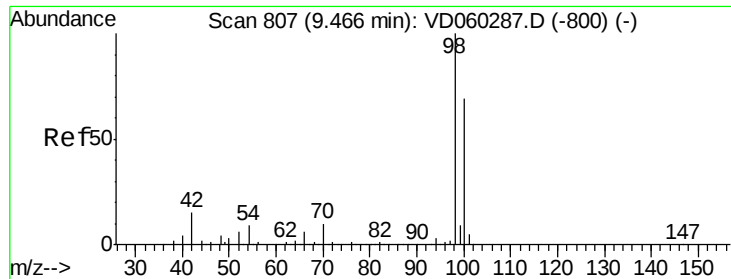
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.04 min
 Lab File: VD060377.D
 Acq: 14 Nov 2018 14:13

Tgt Ion:113 Resp: 529477
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.6 122.4
 192 20.3 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 804

Delta R.T. -0.03 min

Lab File: VD060377.D

Acq: 14 Nov 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

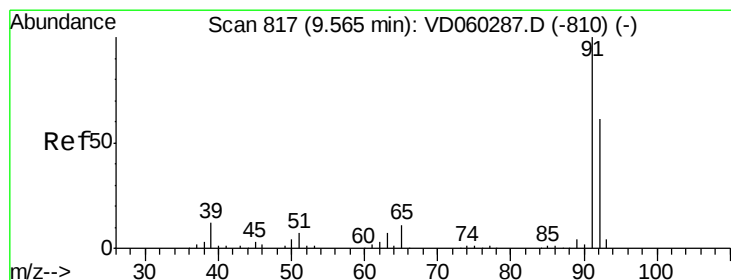
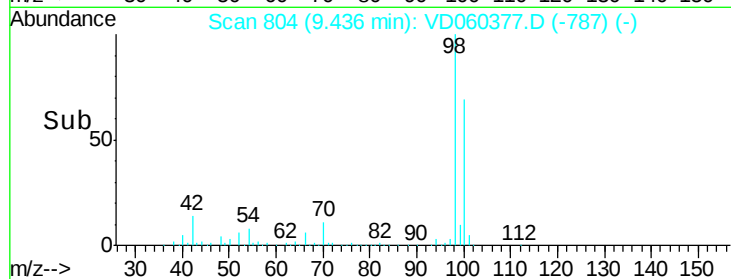
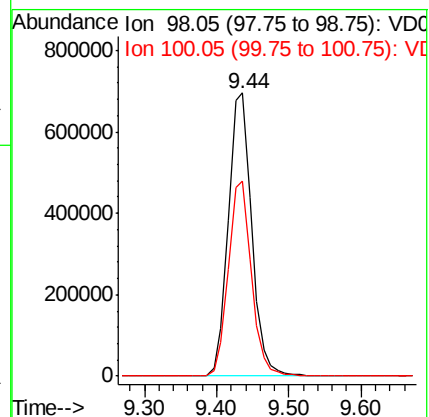
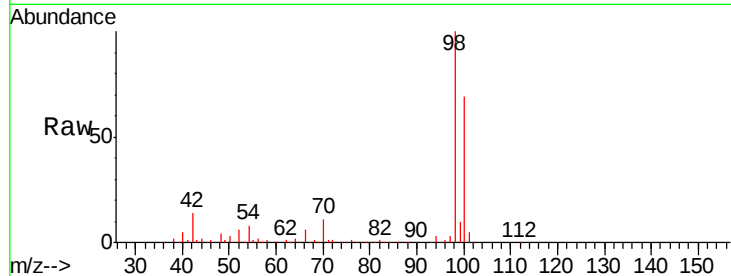
TP-5S1

Tgt Ion: 98 Resp: 1565857

Ion Ratio Lower Upper

98 100

100 68.7 55.2 82.8



#52

Toluene

Concen: 3.10 ug/l

RT: 9.52 min Scan# 813

Delta R.T. -0.04 min

Lab File: VD060377.D

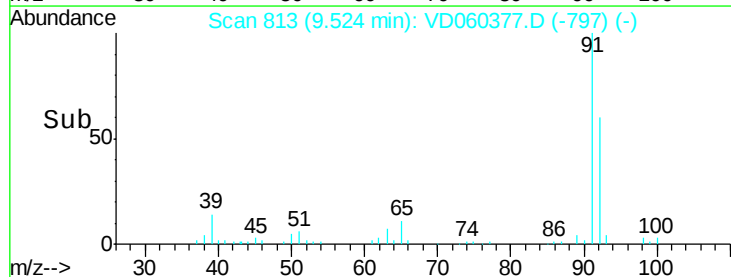
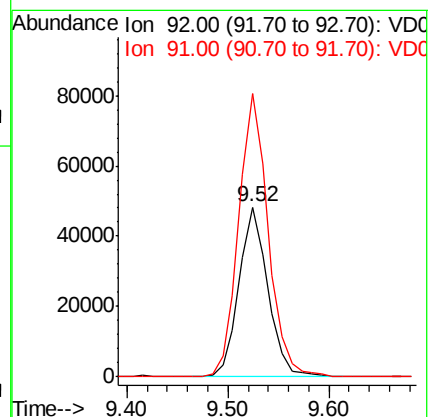
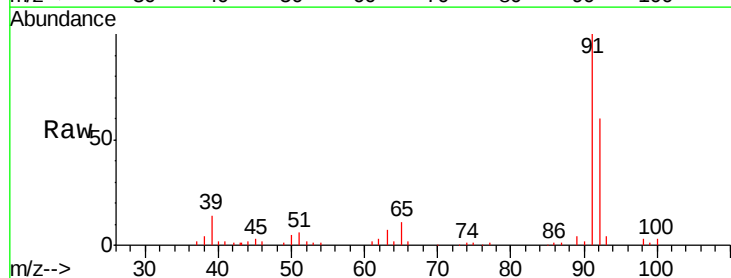
Acq: 14 Nov 2018 14:13

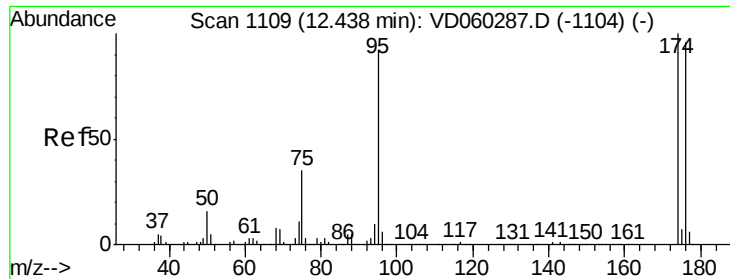
Tgt Ion: 92 Resp: 96643

Ion Ratio Lower Upper

92 100

91 166.4 131.9 197.9





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060377.D

Acq: 14 Nov 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

TP-5S1

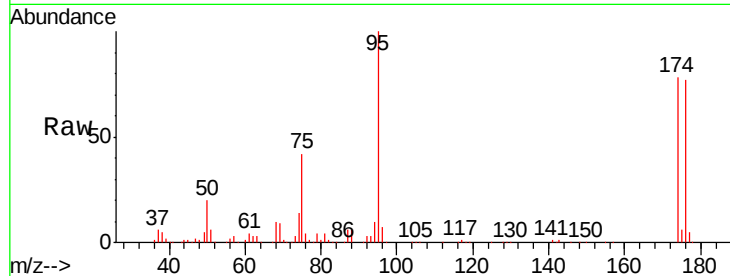
Tgt Ion: 95 Resp: 434148

Ion Ratio Lower Upper

95 100

174 77.7 0.0 160.8

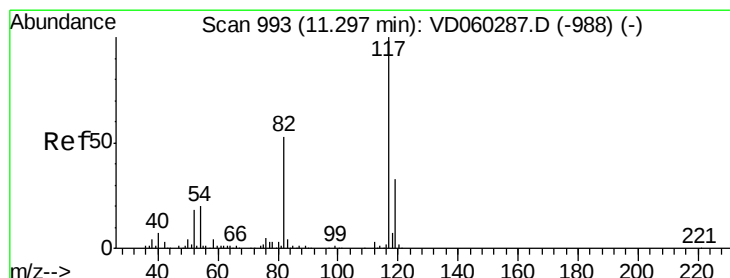
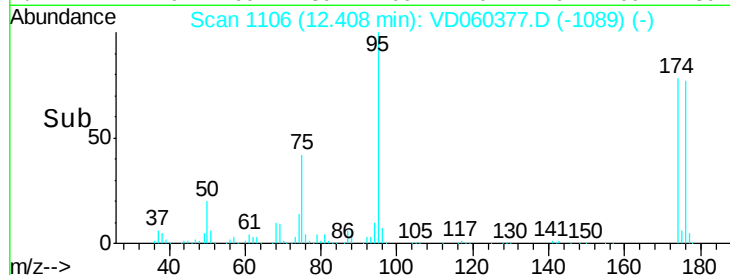
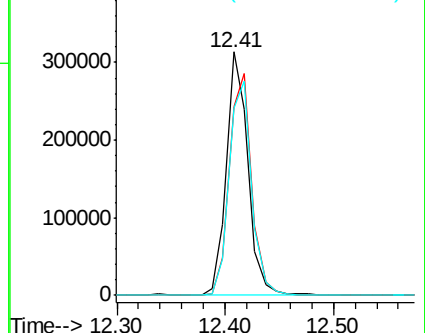
176 77.1 0.0 154.6



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: 50.00 ug/l

RT: 11.27 min Scan# 990

Delta R.T. -0.03 min

Lab File: VD060377.D

Acq: 14 Nov 2018 14:13

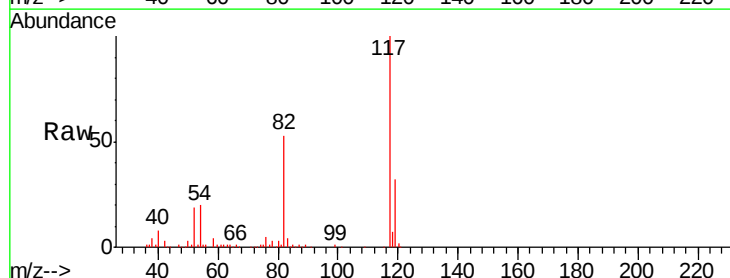
Tgt Ion: 117 Resp: 1385435

Ion Ratio Lower Upper

117 100

82 53.3 43.7 65.5

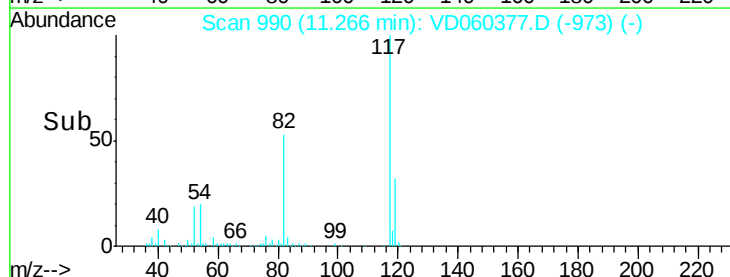
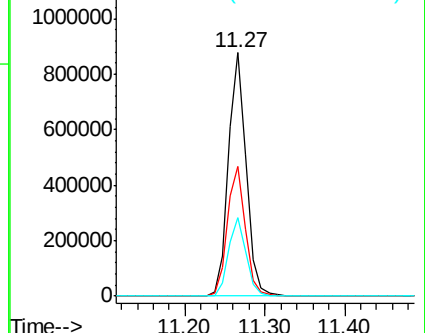
119 32.5 26.1 39.1

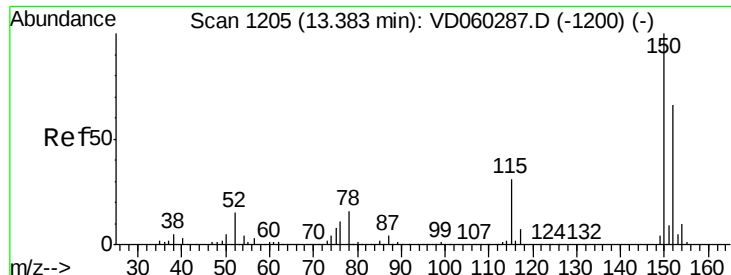


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.36 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VD060377.D

Acq: 14 Nov 2018 14:13

Instrument :

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ClientSampleId :

TP-5S1

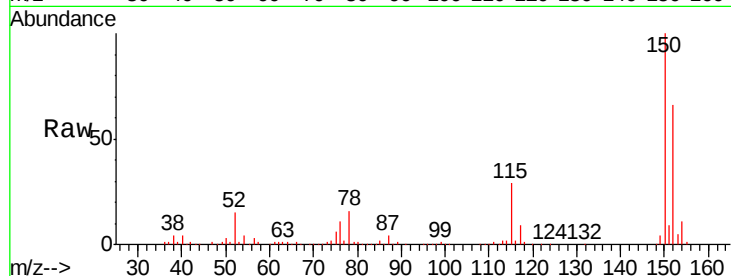
Tgt Ion:152 Resp: 489070

Ion Ratio Lower Upper

152 100

115 43.9 24.1 72.3

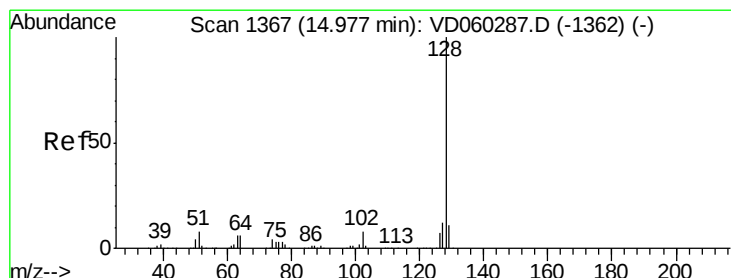
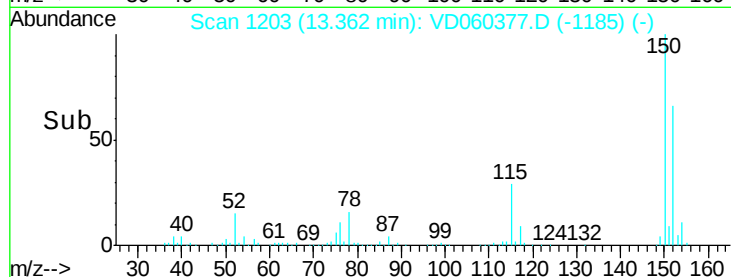
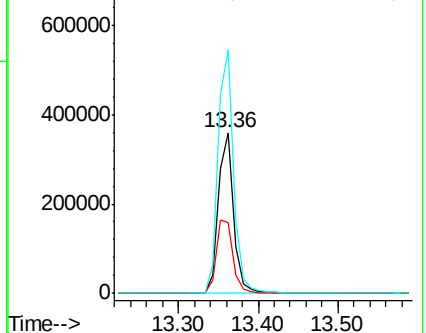
150 151.5 0.0 310.6



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



#95

Naphthalene

Concen: 1.00 ug/l

RT: 14.96 min Scan# 1365

Delta R.T. -0.02 min

Lab File: VD060377.D

Acq: 14 Nov 2018 14:13

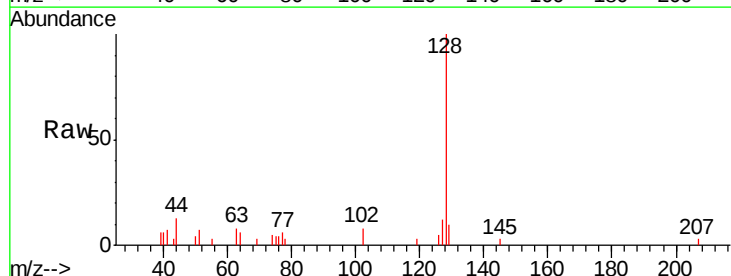
Tgt Ion:128 Resp: 13450

Ion Ratio Lower Upper

128 100

127 12.4 9.6 14.4

129 9.8 8.6 12.8



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

