

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060368.D
 Acq On : 13 Nov 2018 18:48
 Operator : JC/SY
 Sample : J5889-10RE
 Misc : 9.94g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BOTTOM-ARE

Quant Time: Nov 14 13:03:44 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

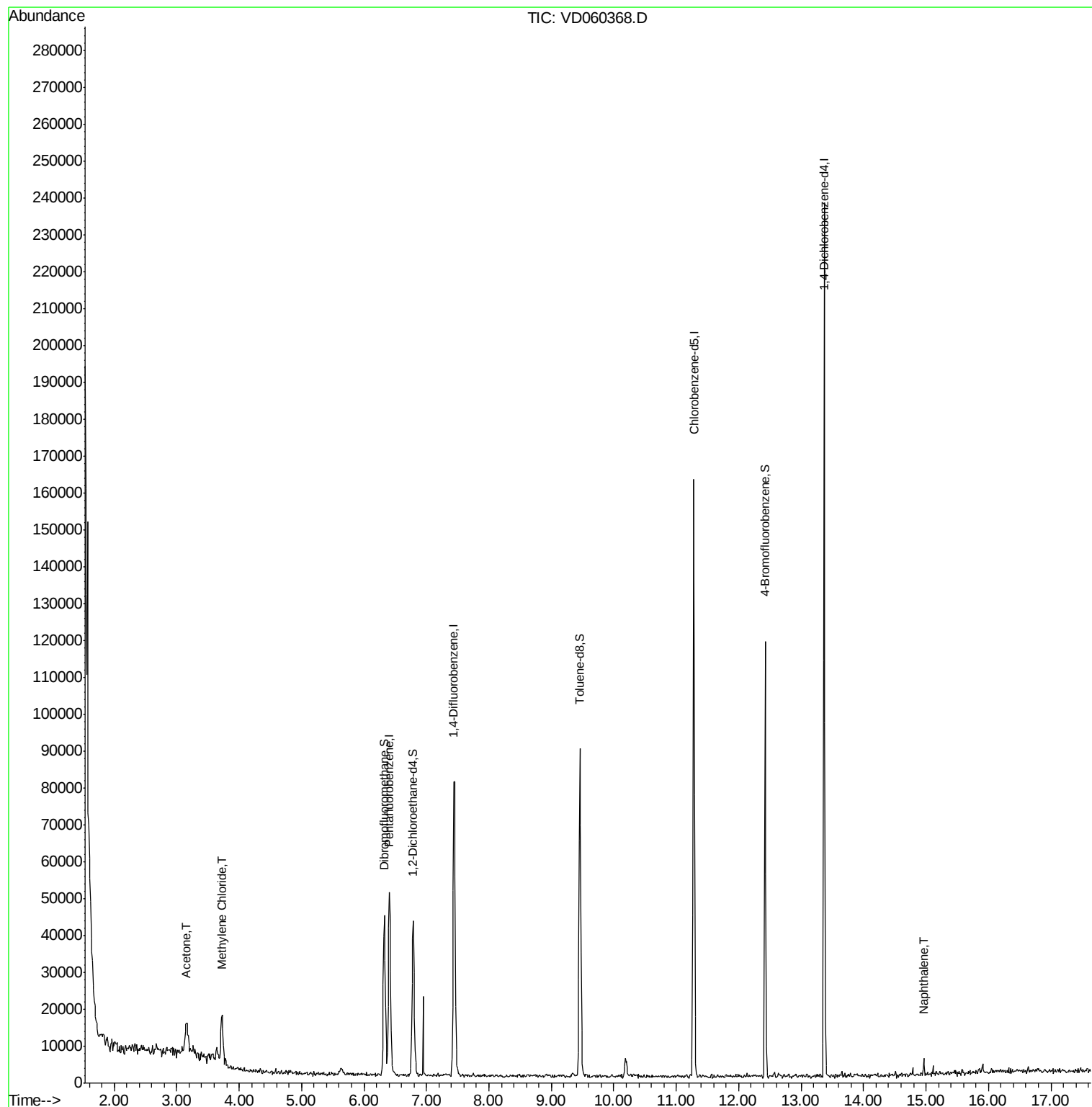
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	50739	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.45	114	85921	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.29	117	90215	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	46169	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	35804	98.55	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	197.10%	
35) Dibromofluoromethane	6.33	113	33843	52.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.64%	
50) Toluene-d8	9.45	98	68484	36.52	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.04%	
62) 4-Bromofluorobenzene	12.43	95	29846	43.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.84%	
Target Compounds						
16) Acetone	3.16	43	19748	313.370	ug/l	94
20) Methylene Chloride	3.73	84	7150	12.790	ug/l #	85
95) Naphthalene	14.97	128	3639	2.879	ug/l	95

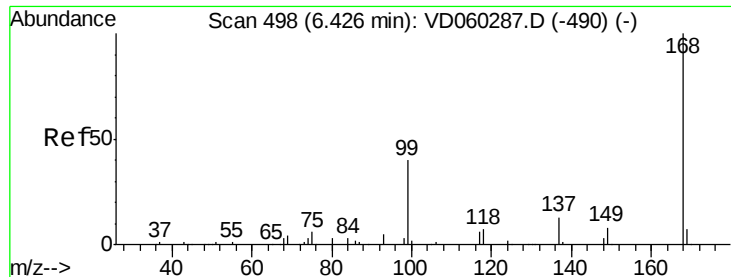
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111318\
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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060368.D

Acq: 13 Nov 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

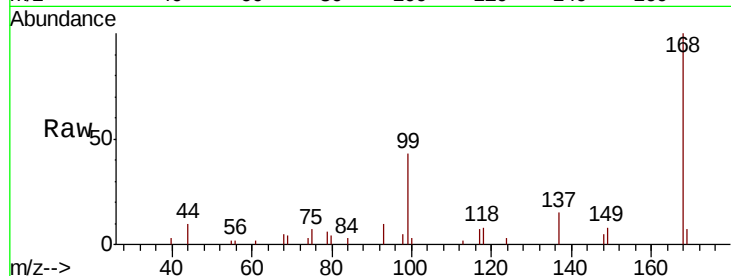
BOTTOM-ARE

Tot Ion:168 Resp: 50739

Ion Ratio Lower Upper

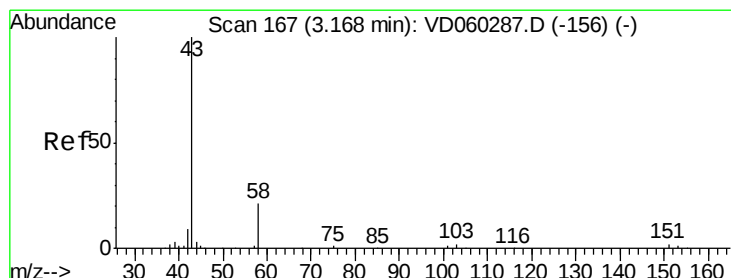
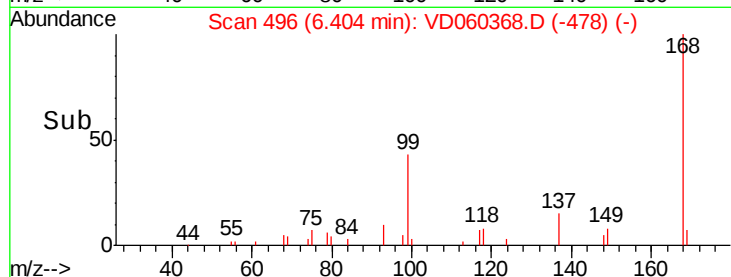
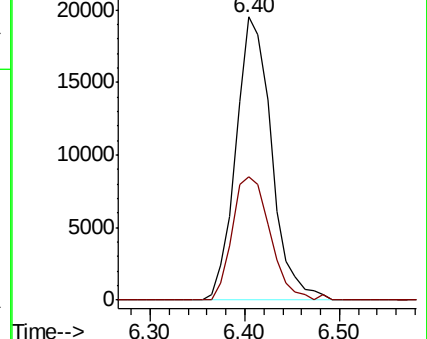
168 100

99 43.4 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: 313.370 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060368.D

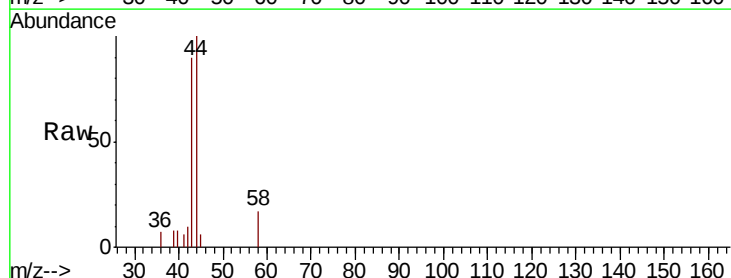
Acq: 13 Nov 2018 18:48

Tgt Ion: 43 Resp: 19748

Ion Ratio Lower Upper

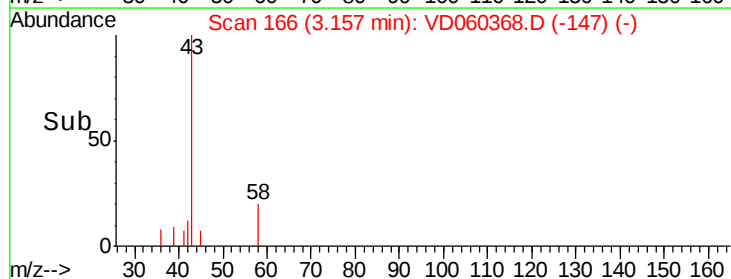
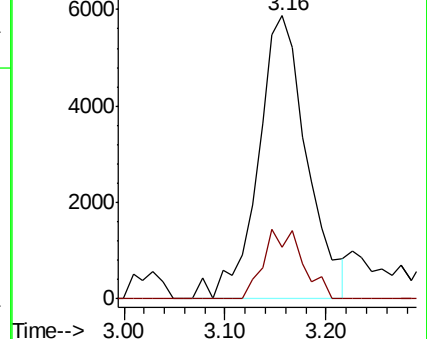
43 100

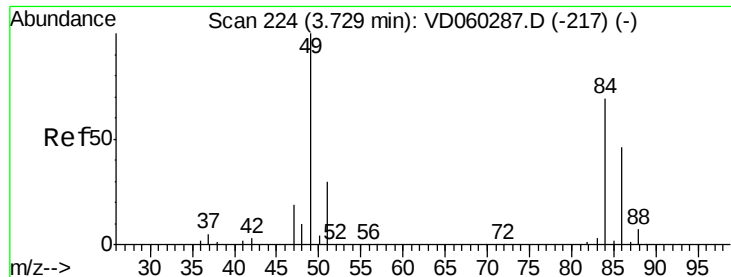
58 18.5 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

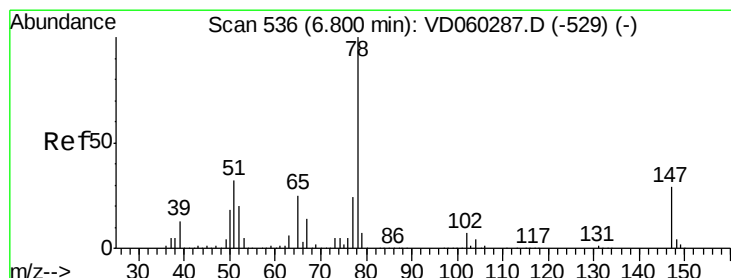
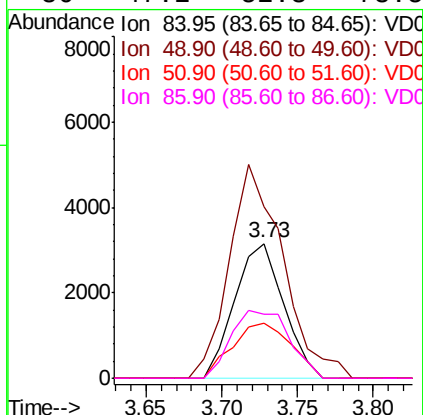
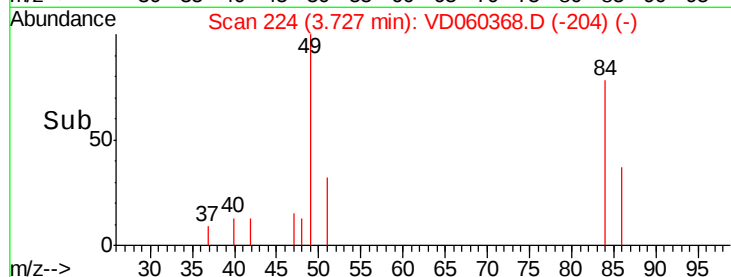
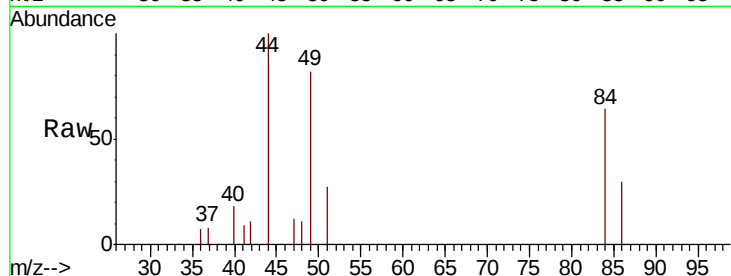




#20
Methvlene Chloride
Concen: 12.790 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060368.D
Acq: 13 Nov 2018 18:48

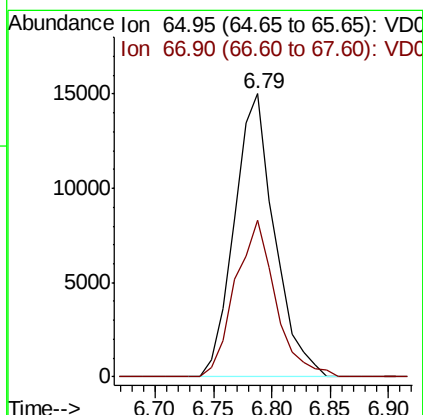
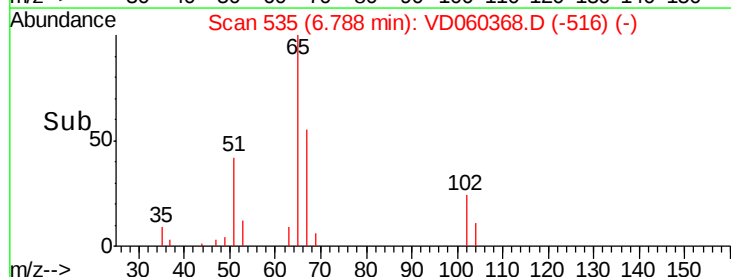
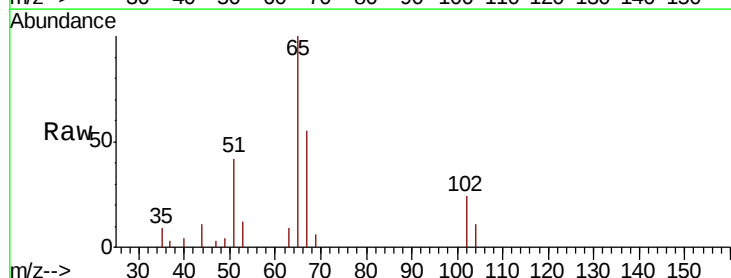
Instrument :
MSVOA_D
ClientSampleId :
BOTTOM-ARE

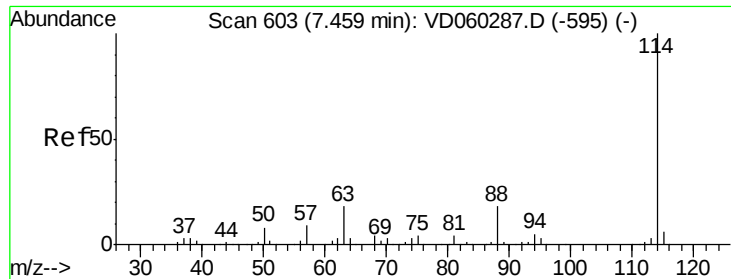
Tot Ion: 84 Resp: 7150
Ion Ratio Lower Upper
84 100
49 127.4 115.6 173.4
51 41.2 35.6 53.4
86 47.2 52.3 78.5#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060368.D
Acq: 13 Nov 2018 18:48

Tgt Ion: 65 Resp: 35804
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.8

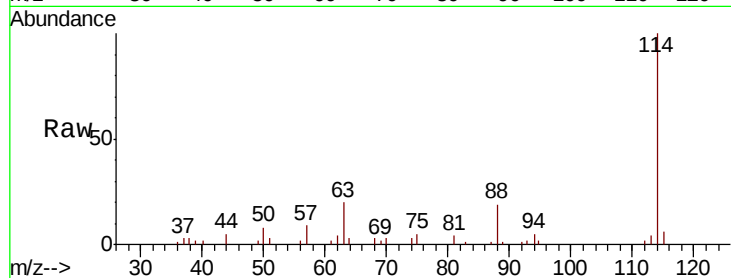




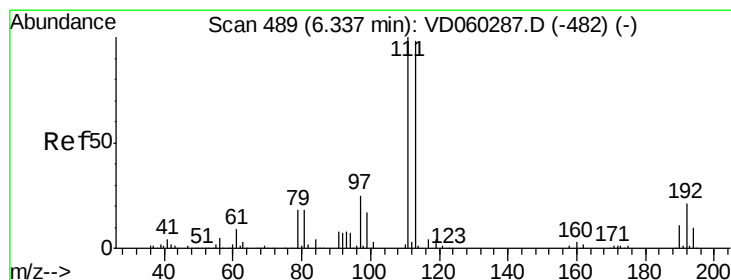
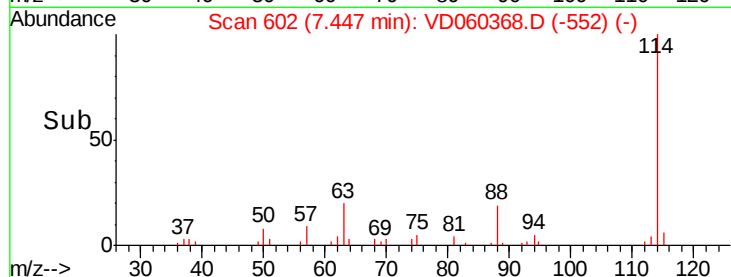
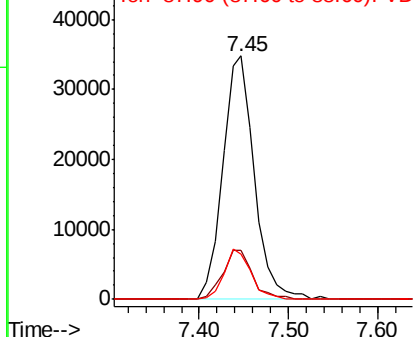
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060368.D
 Acq: 13 Nov 2018 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 BOTTOM-ARE

Tot Ion:114 Resp: 85921
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 34.0
 88 18.7 0.0 35.4

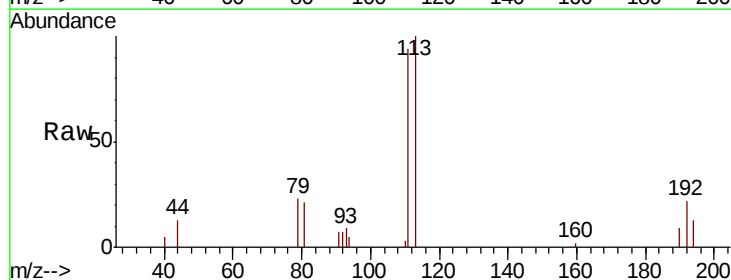


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

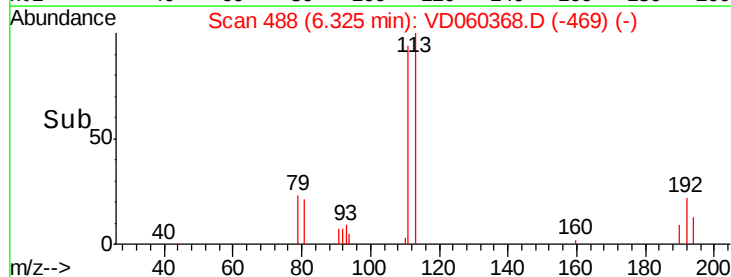
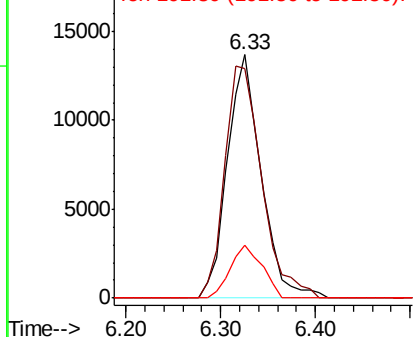


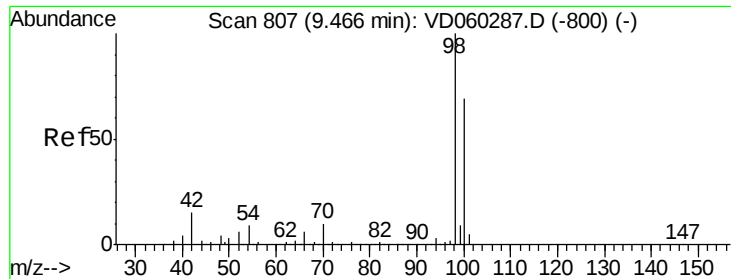
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060368.D
 Acq: 13 Nov 2018 18:48

Tgt Ion:113 Resp: 33843
 Ion Ratio Lower Upper
 113 100
 111 94.2 81.6 122.4
 192 21.9 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: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060368.D

Acq: 13 Nov 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

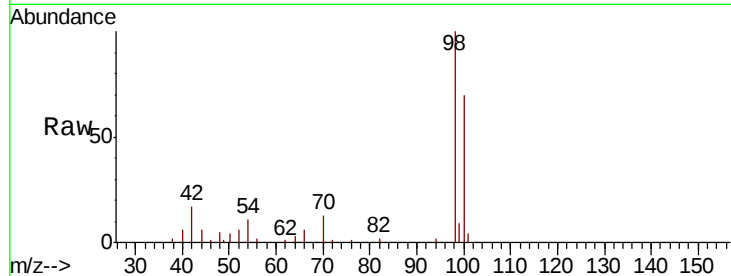
BOTTOM-ARE

Tot Ion: 98 Resp: 68484

Ion Ratio Lower Upper

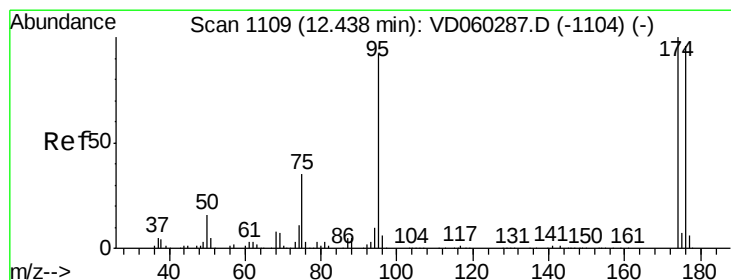
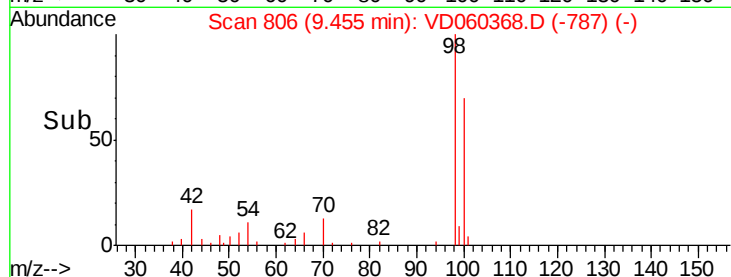
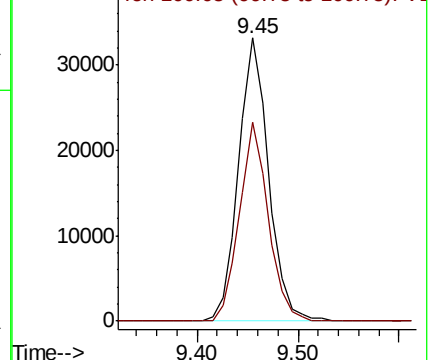
98 100

100 70.2 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: VD060368.D

Acq: 13 Nov 2018 18:48

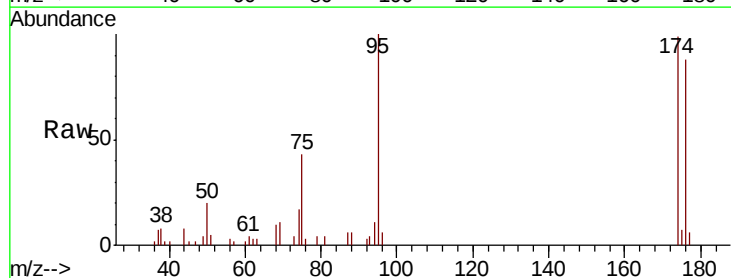
Tgt Ion: 95 Resp: 29846

Ion Ratio Lower Upper

95 100

174 98.6 0.0 160.8

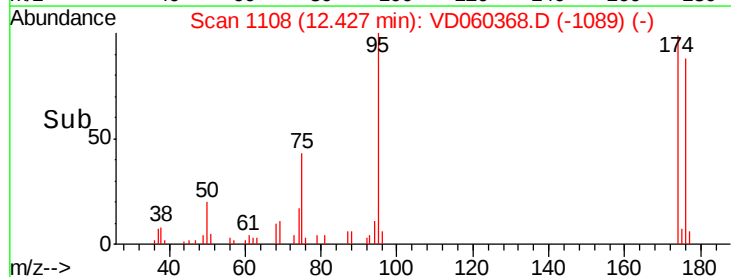
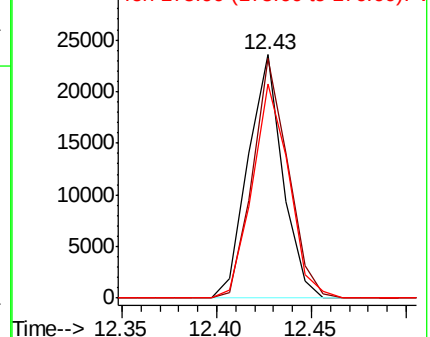
176 87.8 0.0 154.6

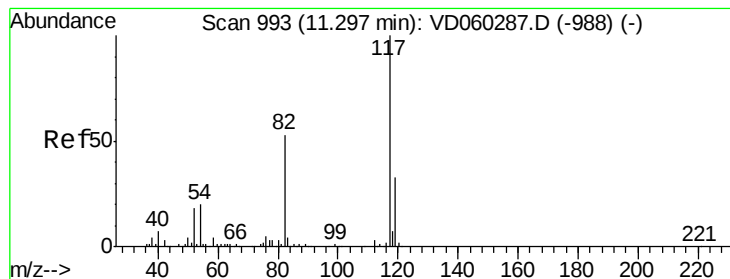


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.29 min Scan# 992

Delta R.T. -0.01 min

Lab File: VD060368.D

Acq: 13 Nov 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

BOTTOM-ARE

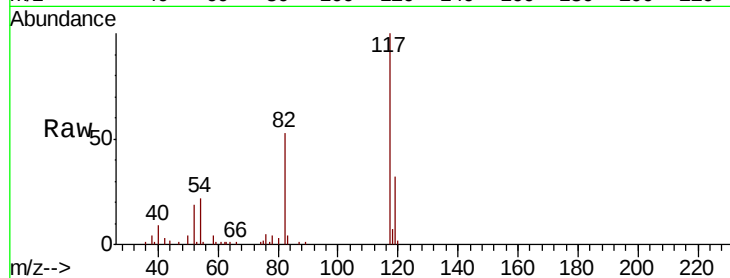
Tot Ion:117 Resp: 90215

Ion Ratio Lower Upper

117 100

82 53.2 43.7 65.5

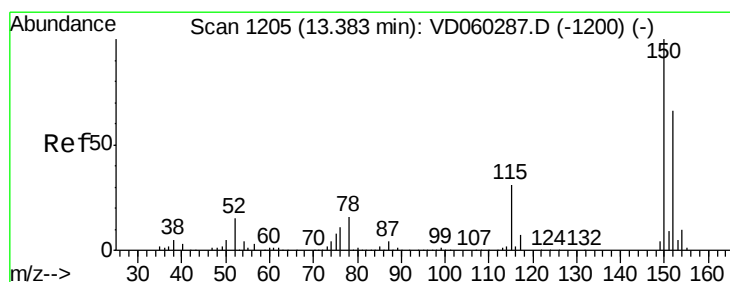
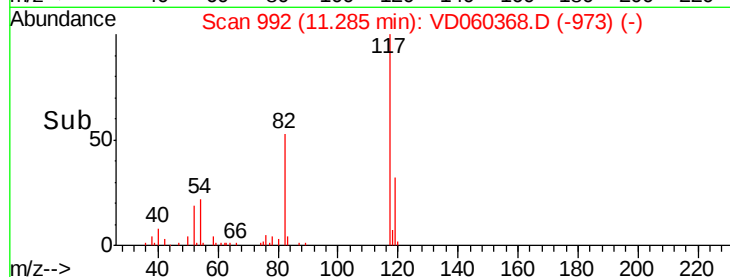
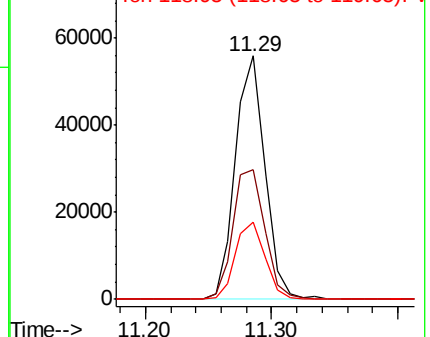
119 31.7 26.1 39.1



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: 13.37 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060368.D

Acq: 13 Nov 2018 18:48

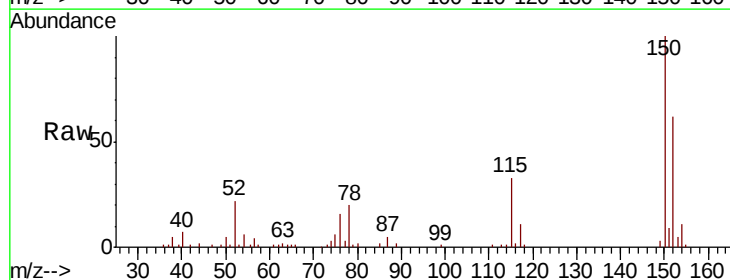
Tgt Ion:152 Resp: 46169

Ion Ratio Lower Upper

152 100

115 54.2 24.1 72.3

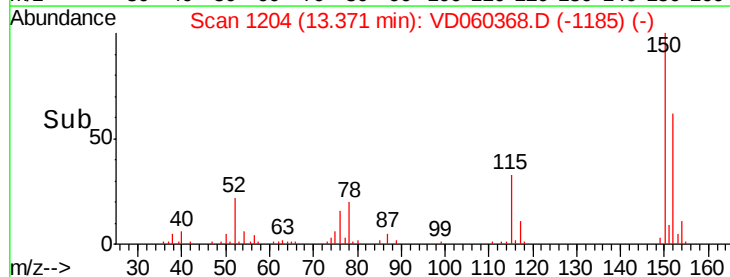
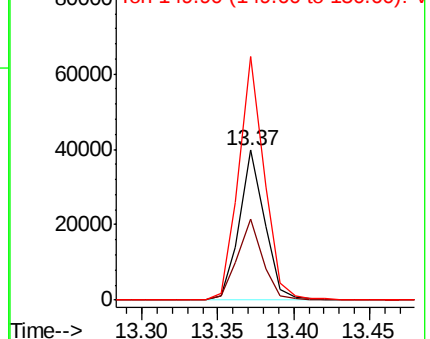
150 162.6 0.0 310.6

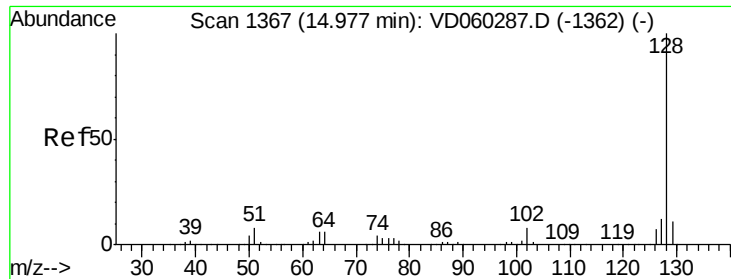


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.879 ug/l

RT: 14.97 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VD060368.D

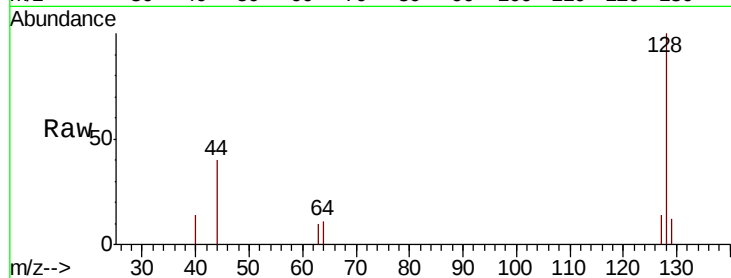
Acq: 13 Nov 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

BOTTOM-ARE



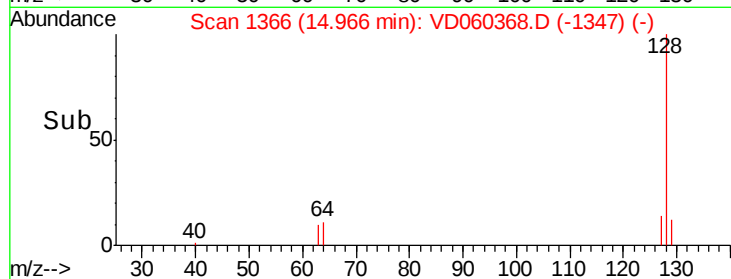
Tot Ion:128 Resp: 3639

Ion Ratio Lower Upper

128 100

127 14.4 9.6 14.4

129 12.1 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

