

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058041.D
 Acq On : 9 Jun 2018 4:02
 Operator : VA/AP
 Sample : J3354-02
 Misc : 16.20g/5ml/MSVOA D/SOIL
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CAS1-SB-02-03-1-27

Quant Time: Jun 09 05:47:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

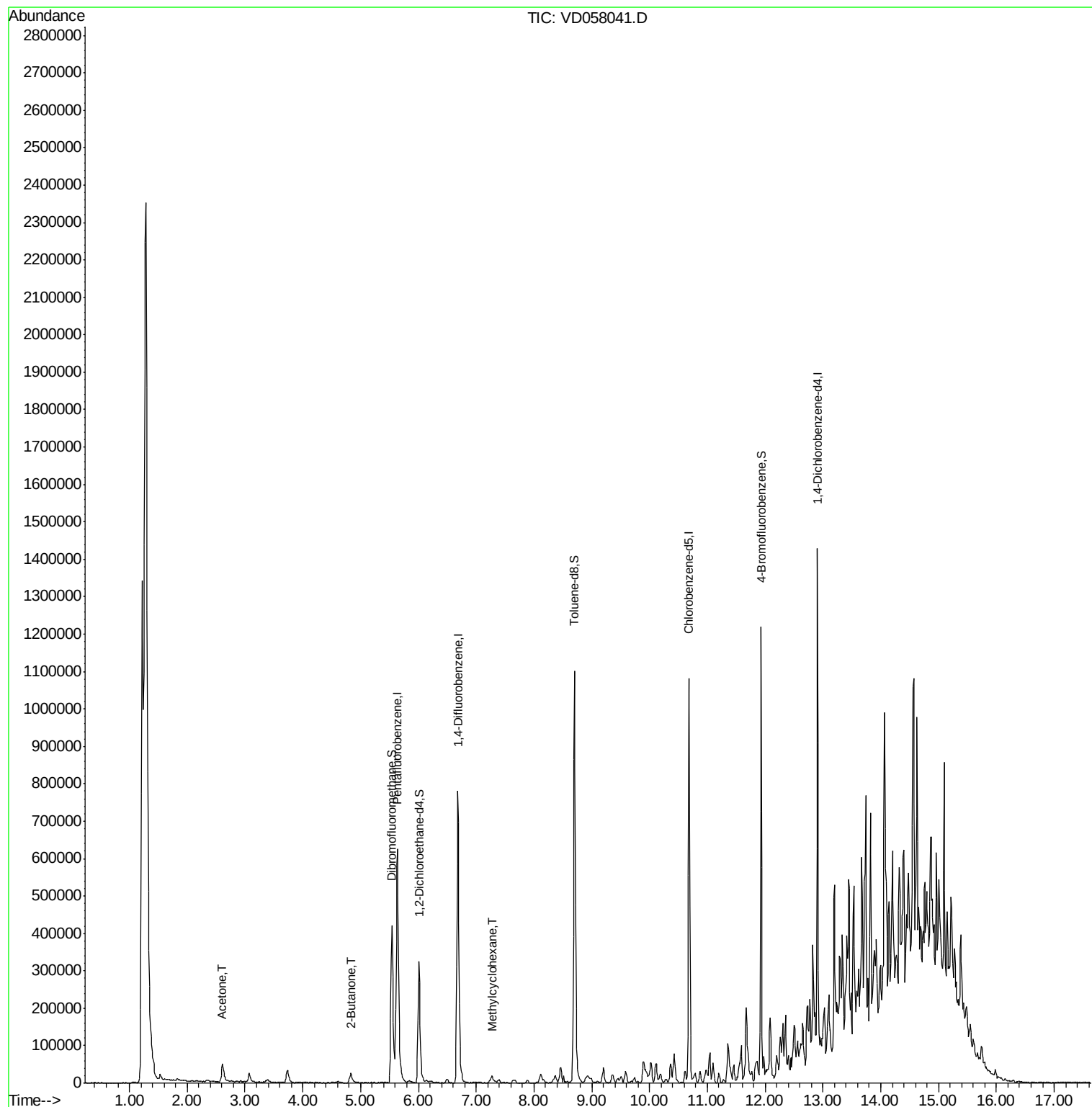
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	616861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	792538	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	604346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	270170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	324734	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
35) Dibromofluoromethane	5.54	113	356303	58.11	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	116.22%	
50) Toluene-d8	8.70	98	812968	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
62) 4-Bromofluorobenzene	11.93	95	313097	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
16) Acetone	2.61	43	108092	121.66	ug/l	Qvalue 96
25) 2-Butanone	4.83	43	35490	17.58	ug/l #	83
39) Methylcyclohexane	7.27	83	9484	1.10	ug/l #	78

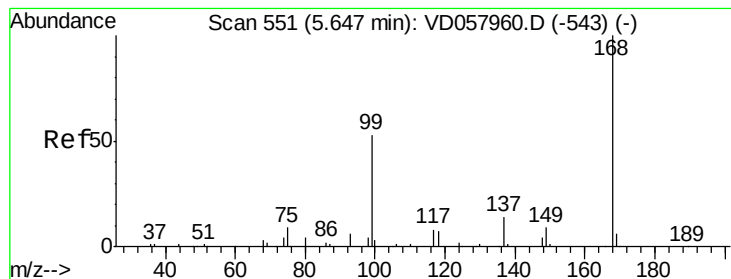
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058041.D

Acq: 9 Jun 2018 4:02

Instrument :

MSVOA_D

ClientSampleId :

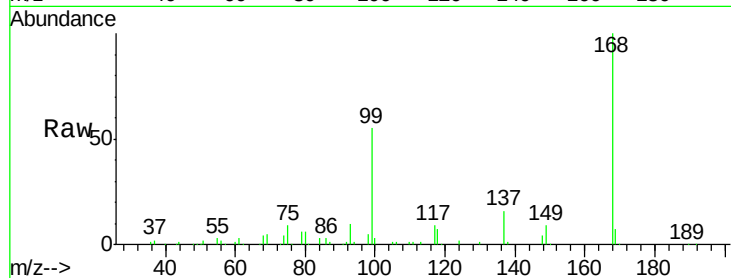
CAS1-SB-02-03-1-27

Tot Ion:168 Resp: 616861

Ion Ratio Lower Upper

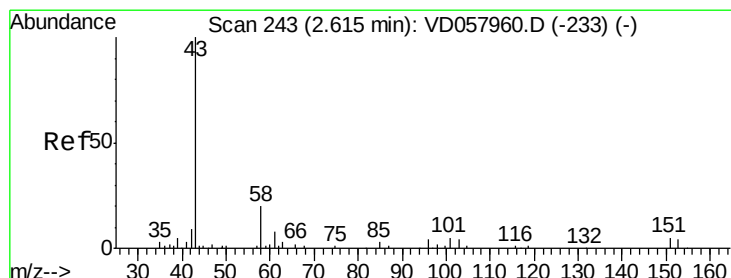
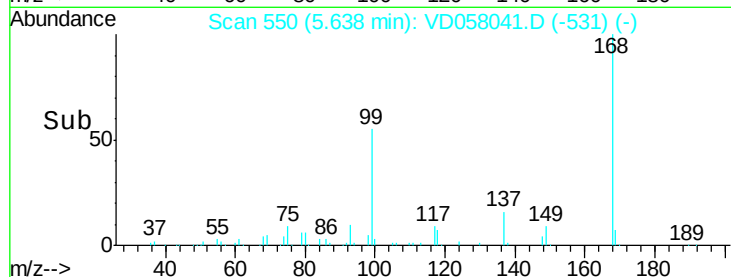
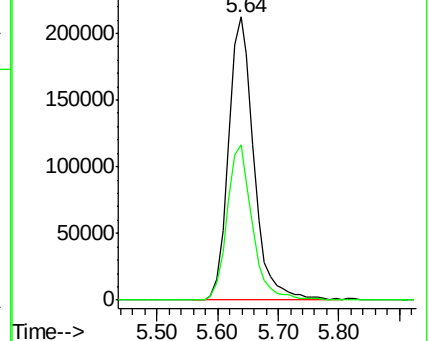
168 100

99 55.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 121.66 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058041.D

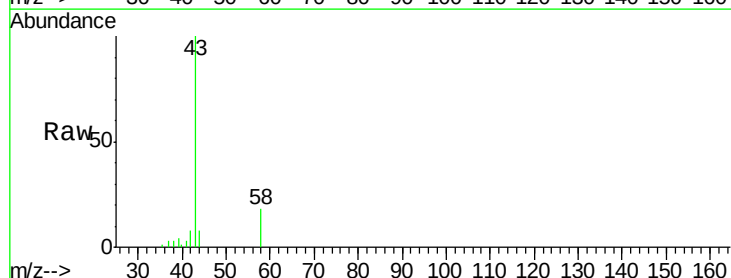
Acq: 9 Jun 2018 4:02

Tgt Ion: 43 Resp: 108092

Ion Ratio Lower Upper

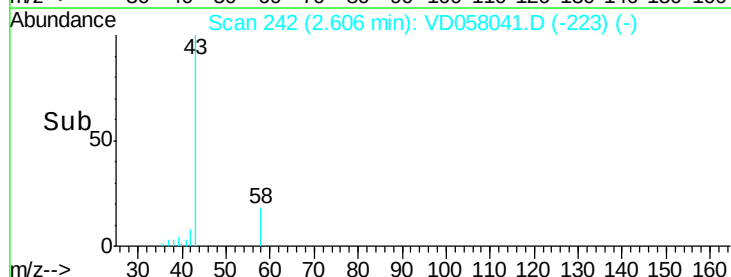
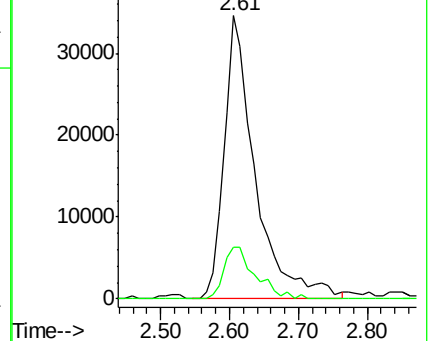
43 100

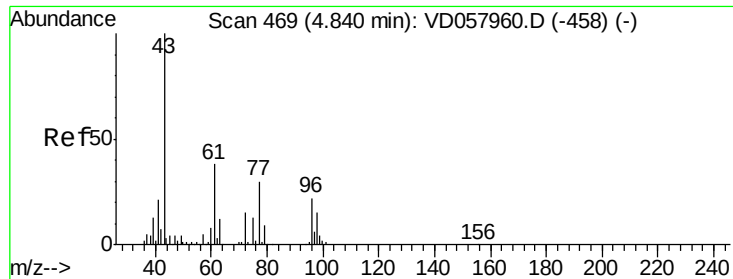
58 18.1 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 17.58 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD058041.D

Acq: 9 Jun 2018 4:02

Instrument :

MSVOA_D

ClientSampleId :

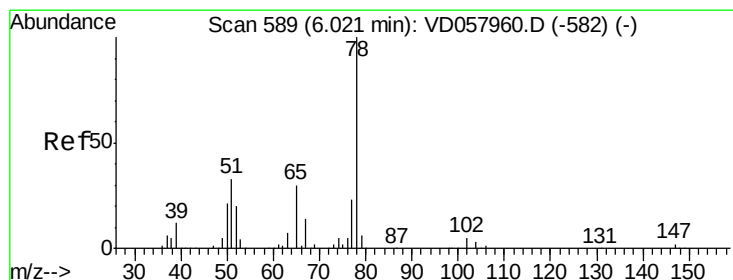
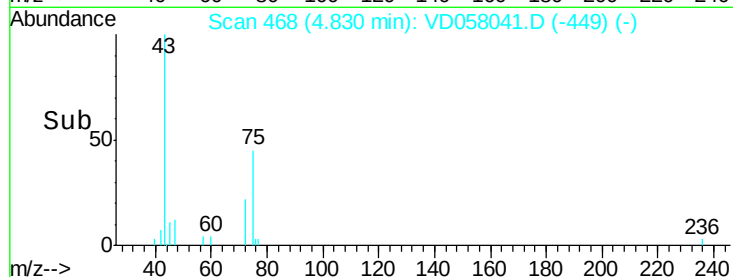
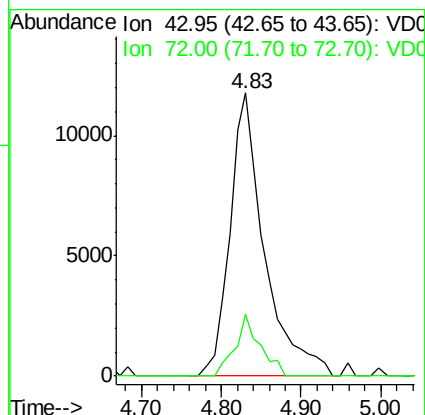
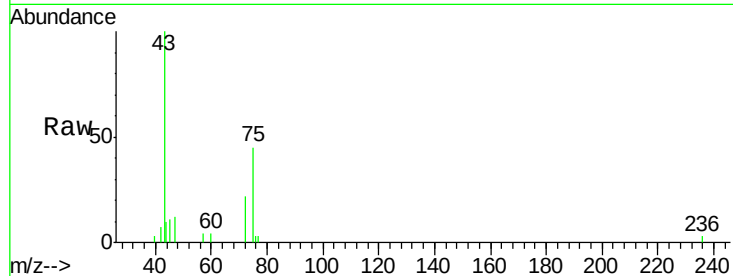
CAS1-SB-02-03-1-27

Tot Ion: 43 Resp: 35490

Ion Ratio Lower Upper

43 100

72 21.9 12.0 18.0#



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058041.D

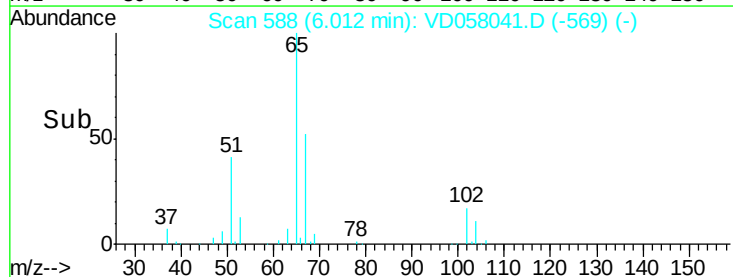
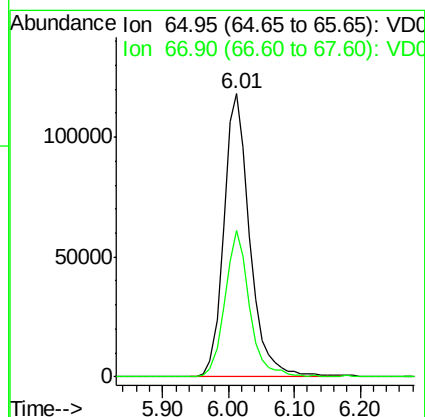
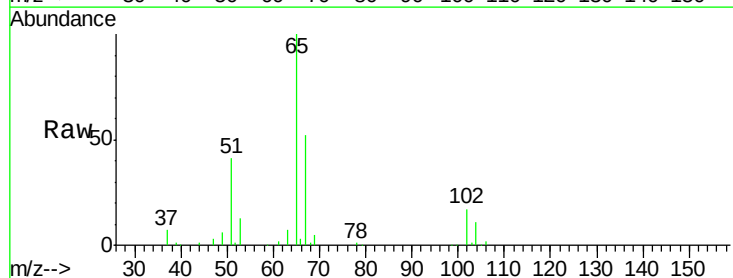
Acq: 9 Jun 2018 4:02

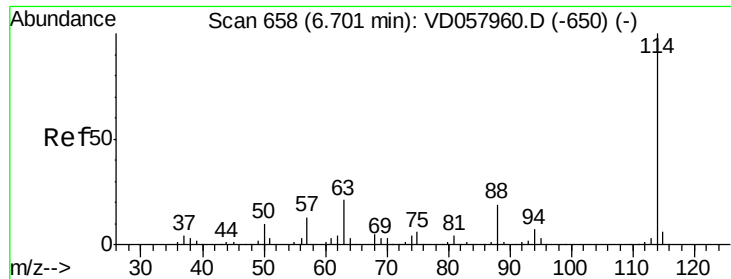
Tgt Ion: 65 Resp: 324734

Ion Ratio Lower Upper

65 100

67 51.6 0.0 94.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD058041.D

Acq: 9 Jun 2018 4:02

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-02-03-1-27

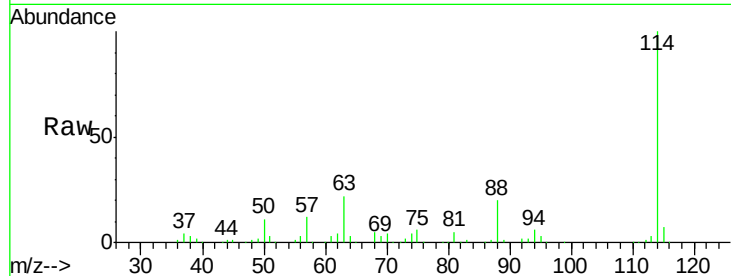
Tot Ion:114 Resp: 792538

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.8

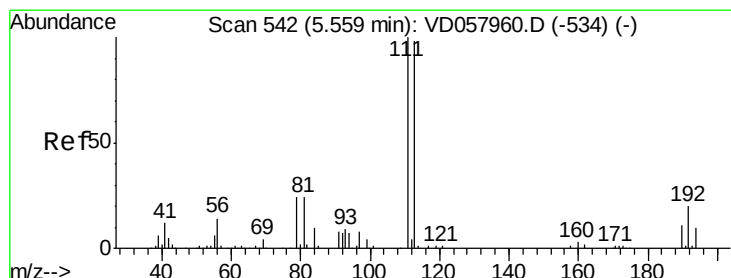
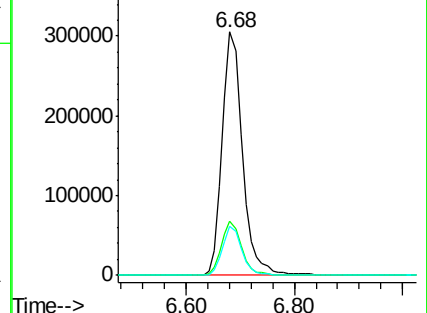
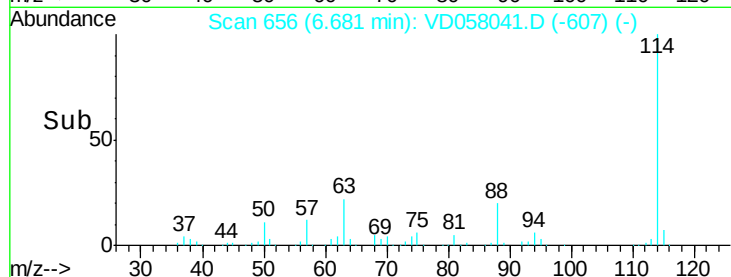
88 20.0 0.0 37.8



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: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058041.D

Acq: 9 Jun 2018 4:02

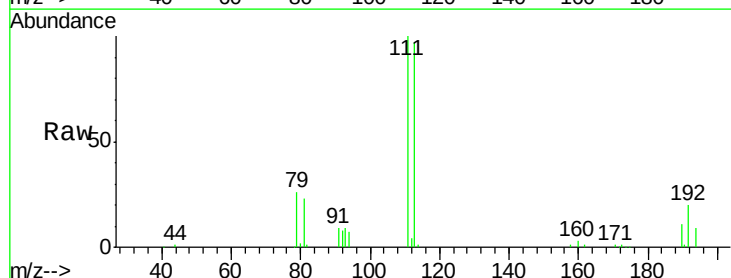
Tgt Ion:113 Resp: 356303

Ion Ratio Lower Upper

113 100

111 103.4 81.5 122.3

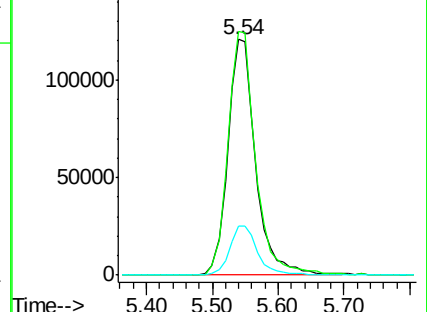
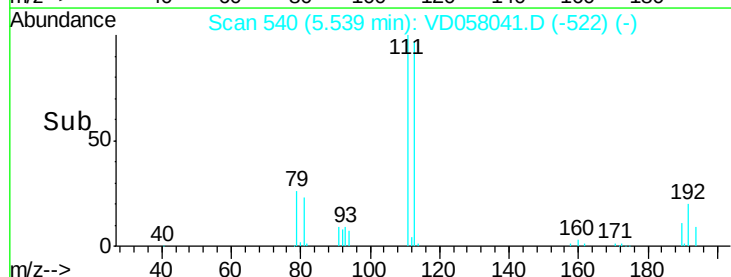
192 20.9 16.4 24.6

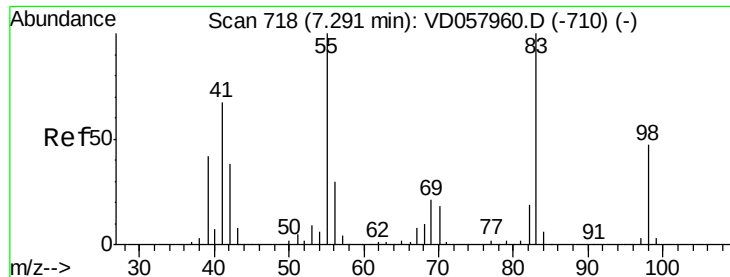


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#39

Methylcyclohexane

Concen: 1.10 ug/l

RT: 7.27 min Scan# 716

Delta R.T. -0.02 min

Lab File: VD058041.D

Acq: 9 Jun 2018 4:02

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-02-03-1-27

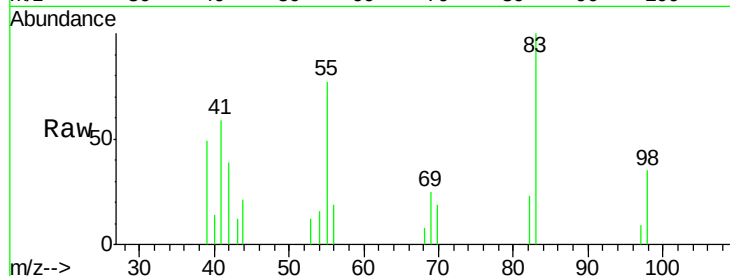
Tot Ion: 83 Resp: 9484

Ion Ratio Lower Upper

83 100

55 76.6 80.3 120.5#

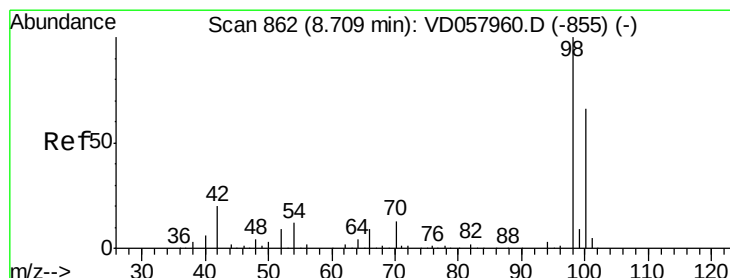
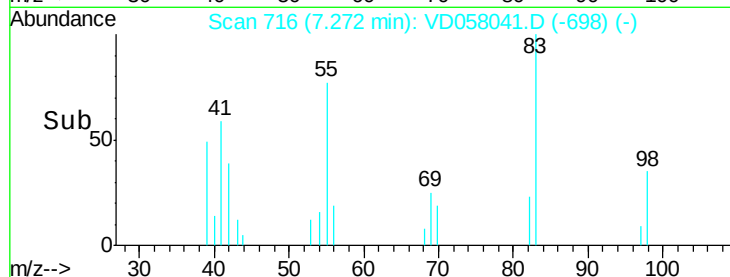
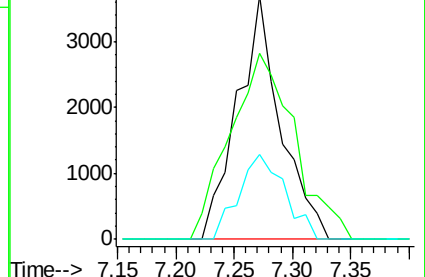
98 34.7 38.0 57.0#



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD058041.D

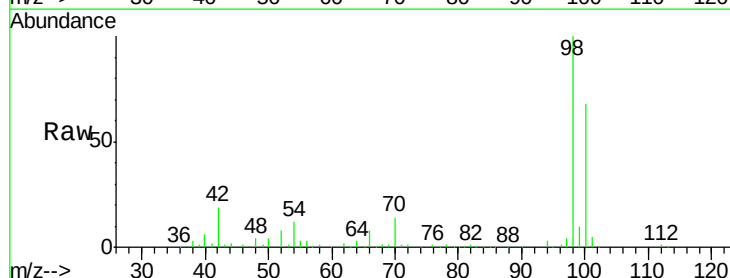
Acq: 9 Jun 2018 4:02

Tgt Ion: 98 Resp: 812968

Ion Ratio Lower Upper

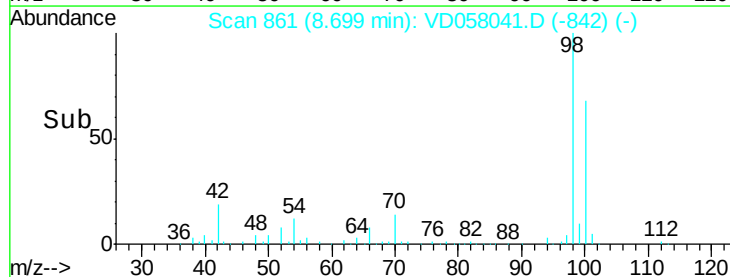
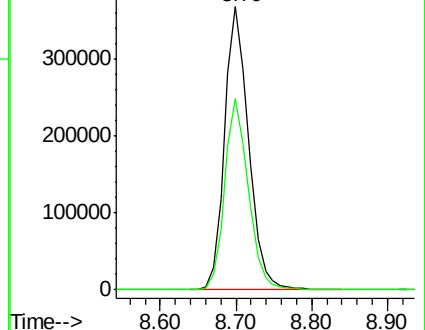
98 100

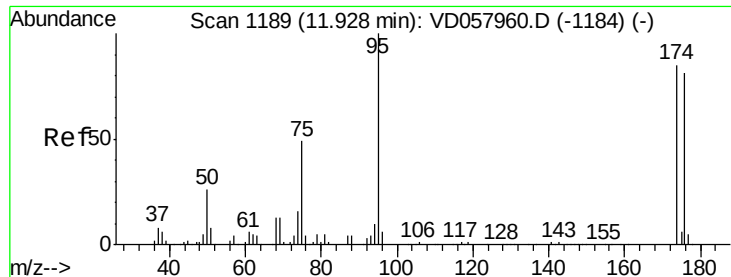
100 67.7 53.4 80.0



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: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD058041.D

Acq: 9 Jun 2018 4:02

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-02-03-1-27

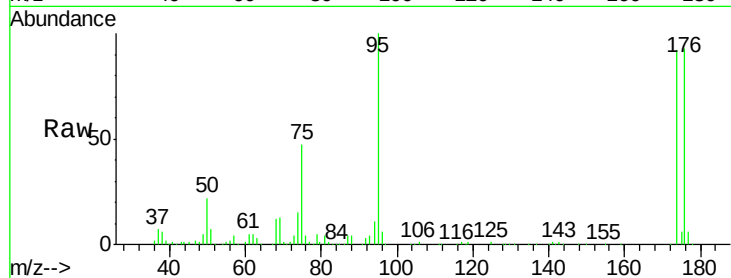
Tot Ion: 95 Resp: 313097

Ion Ratio Lower Upper

95 100

174 92.4 0.0 169.4

176 93.3 0.0 162.6

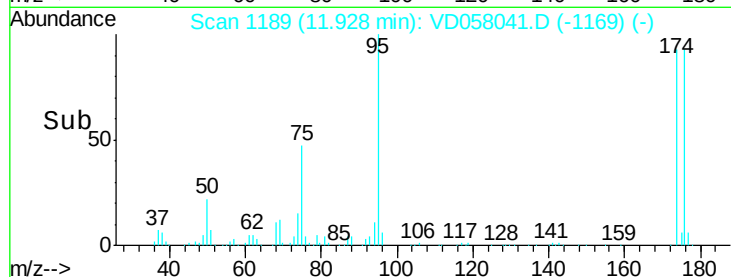


Abundance Ion 95.00 (94.70 to 95.70): V

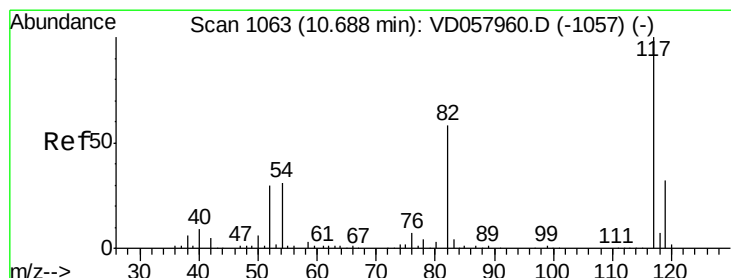
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD058041.D

Acq: 9 Jun 2018 4:02

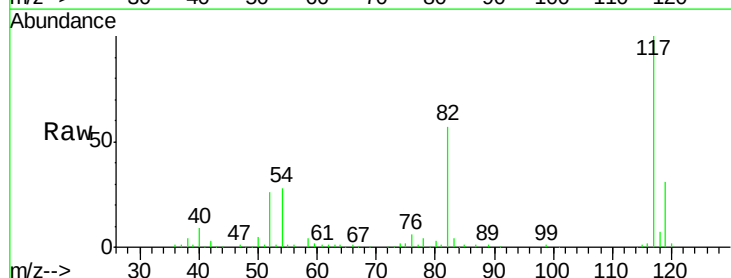
Tgt Ion: 117 Resp: 604346

Ion Ratio Lower Upper

117 100

82 56.8 46.8 70.2

119 30.9 25.8 38.6

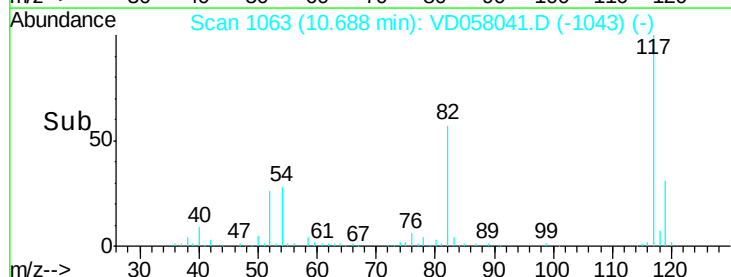


Abundance Ion 116.95 (116.65 to 117.65): V

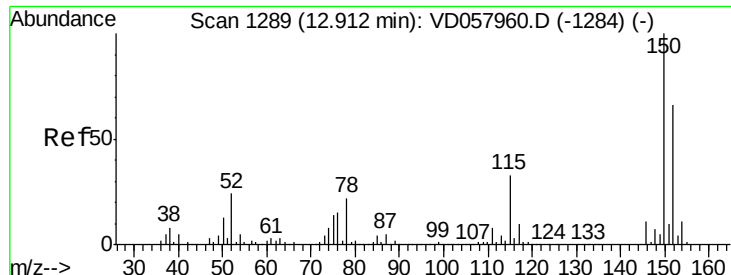
Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058041.D

Acq: 9 Jun 2018 4:02

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-02-03-1-27

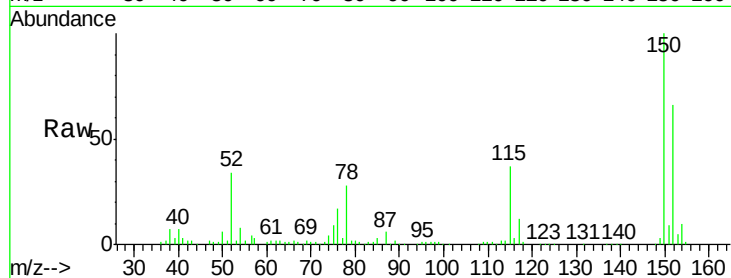
Tot Ion:152 Resp: 270170

Ion Ratio Lower Upper

152 100

115 55.7 25.6 76.6

150 150.9 0.0 306.8



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

