

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059446.D
 Acq On : 27 Jun 2018 15:58
 Operator : VA/AP
 Sample : J3629-09
 Misc : 5.27g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C10-04

Quant Time: Jun 28 03:49:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	591457	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	808176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	526517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	163119	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	266564	44.07	ug/l	-0.01
Spiked Amount			Recovery	=	88.14%	
35) Dibromofluoromethane	5.54	113	271841	41.30	ug/l	-0.01
Spiked Amount			Recovery	=	82.60%	
50) Toluene-d8	8.70	98	471371	30.63	ug/l	-0.01
Spiked Amount			Recovery	=	61.26%	
62) 4-Bromofluorobenzene	11.93	95	147547	23.05	ug/l	0.00
Spiked Amount			Recovery	=	46.10%	

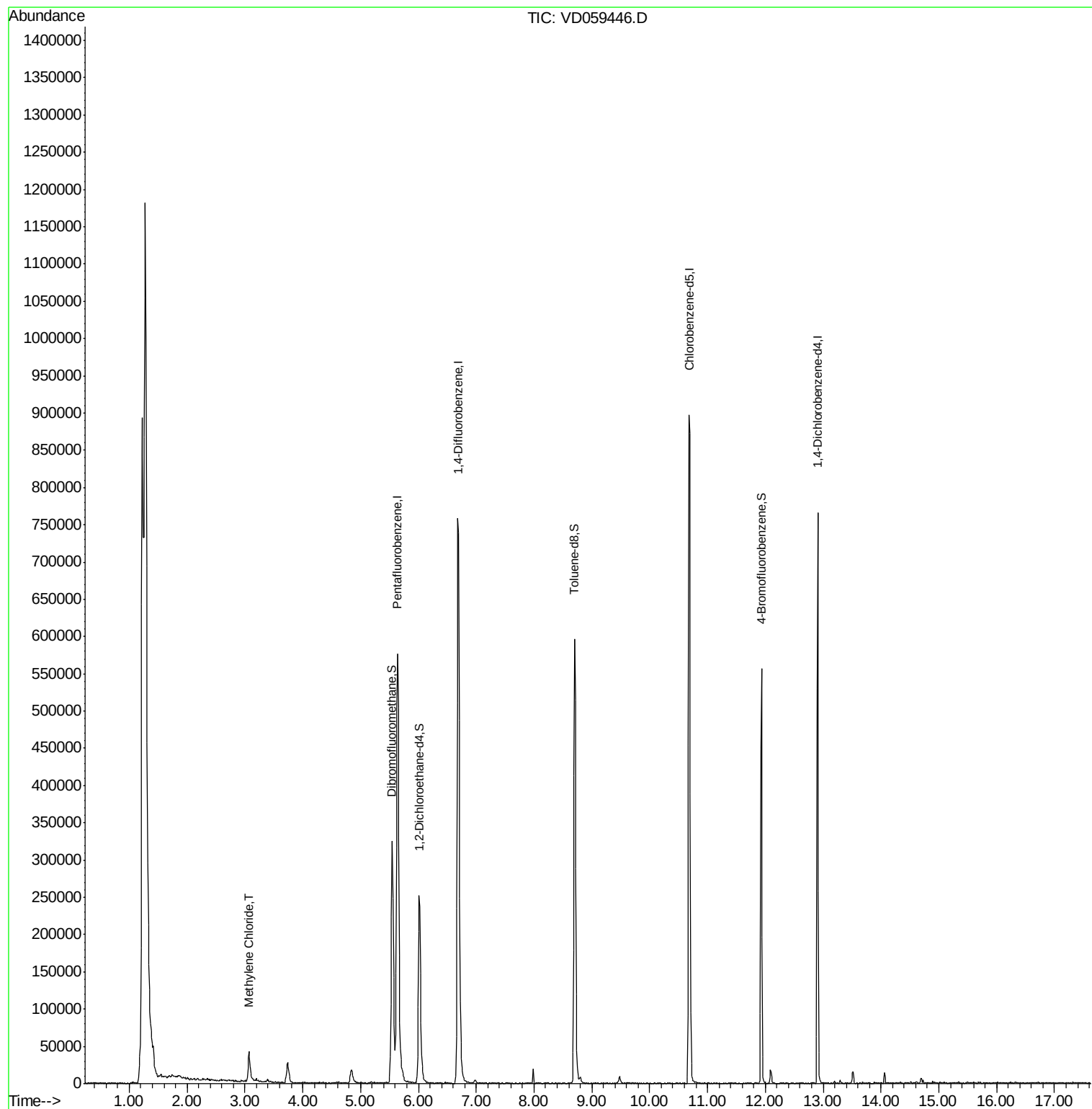
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.07	84	18735	6.69	ug/l	# 81

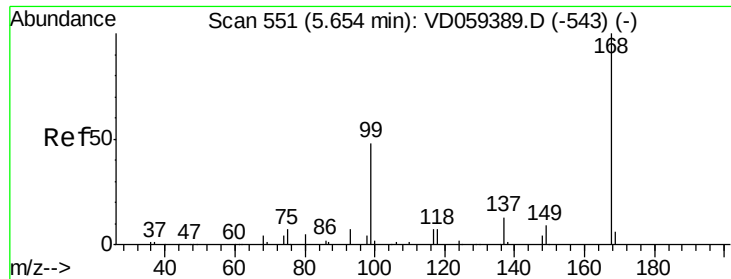
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
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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: VD059446.D

Acq: 27 Jun 2018 15:58

Instrument :

MSVOA_D

ClientSampleId :

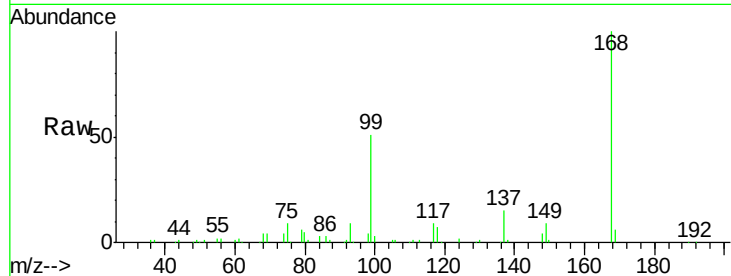
A0C10-04

Tot Ion:168 Resp: 591457

Ion Ratio Lower Upper

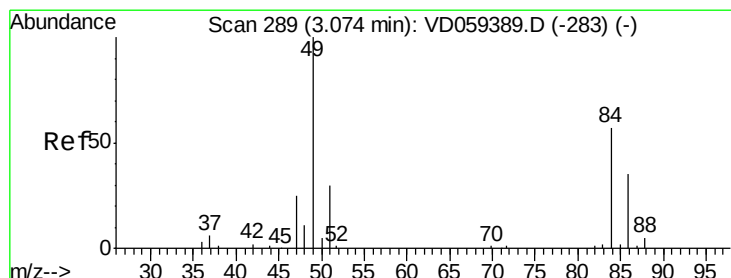
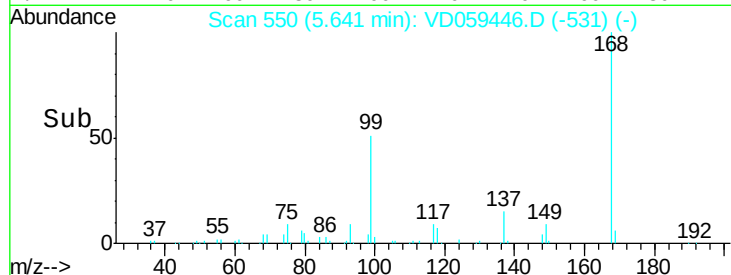
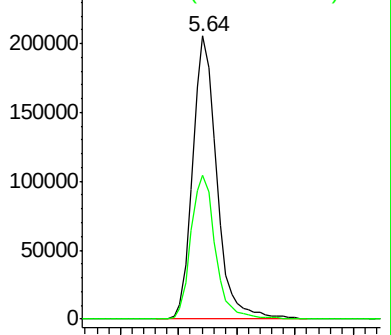
168 100

99 51.0 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 6.69 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.00 min

Lab File: VD059446.D

Acq: 27 Jun 2018 15:58

Tgt Ion: 84 Resp: 18735

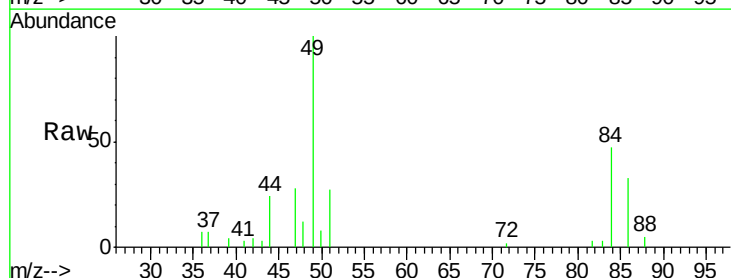
Ion Ratio Lower Upper

84 100

49 211.4 140.3 210.5#

51 56.0 41.6 62.4

86 69.3 49.4 74.2

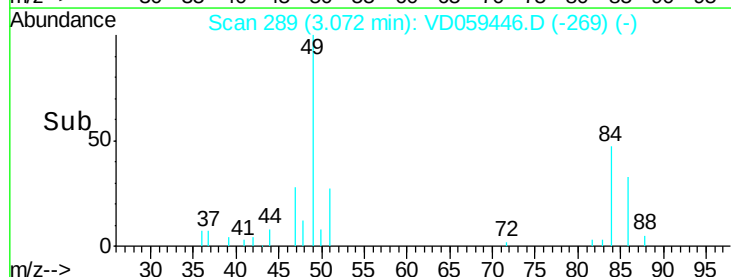
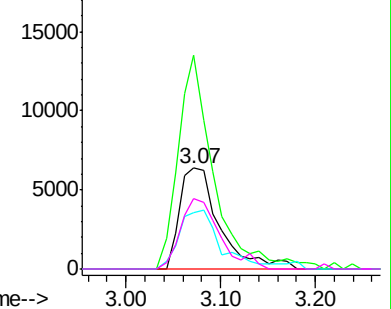


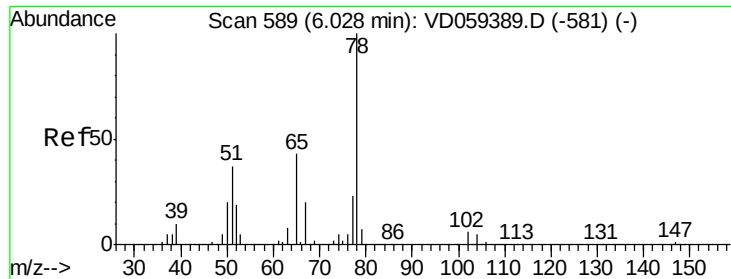
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

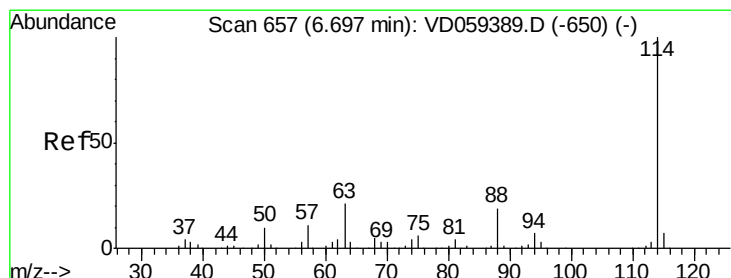
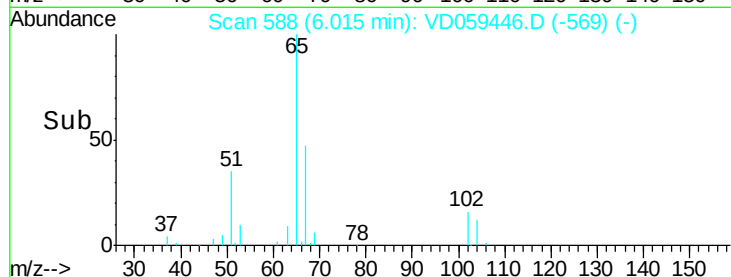
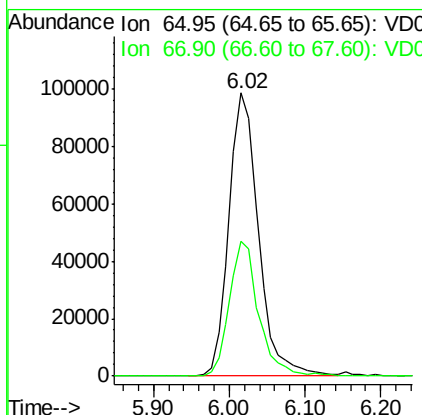
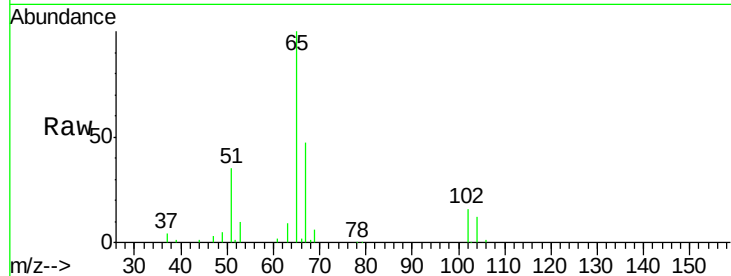




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.02 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: VD059446.D
 Acq: 27 Jun 2018 15:58

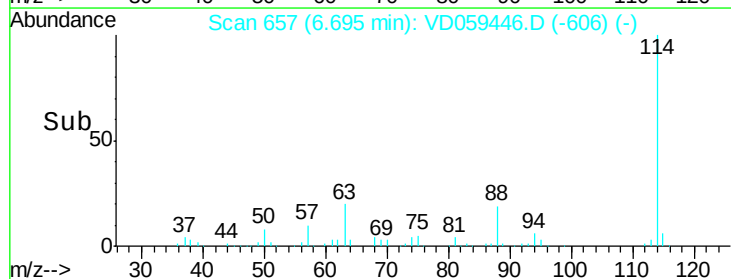
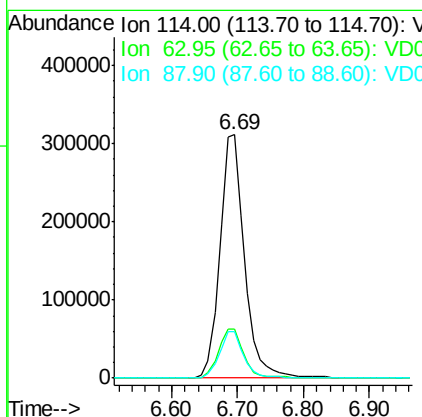
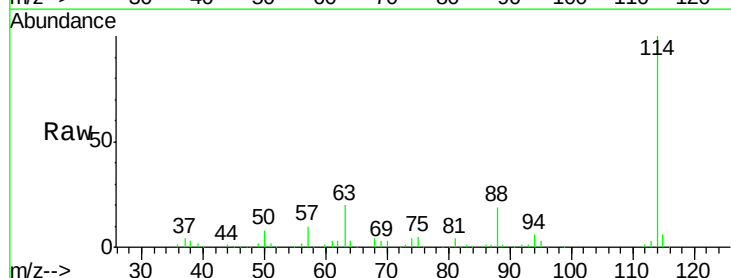
Instrument :
 MSVOA_D
 ClientSampleId :
 A0C10-04

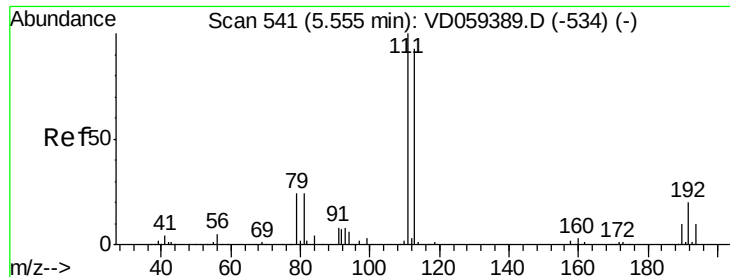
Tot Ion: 65 Resp: 266564
 Ion Ratio Lower Upper
 65 100
 67 47.5 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VD059446.D
 Acq: 27 Jun 2018 15:58

Tgt Ion: 114 Resp: 808176
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 18.9 0.0 38.0





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.01 min

Lab File: VD059446.D

Acq: 27 Jun 2018 15:58

Instrument :

MSVOA_D

ClientSampleId :

A0C10-04

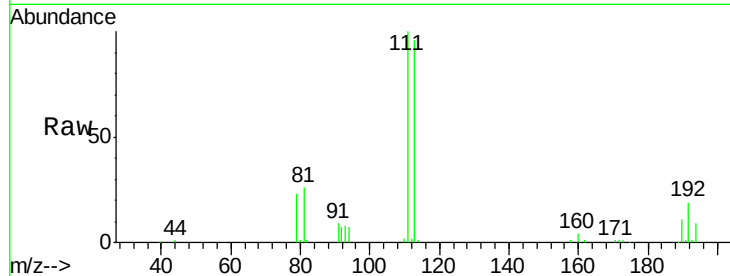
Tot Ion:113 Resp: 271841

Ion Ratio Lower Upper

113 100

111 104.2 85.7 128.5

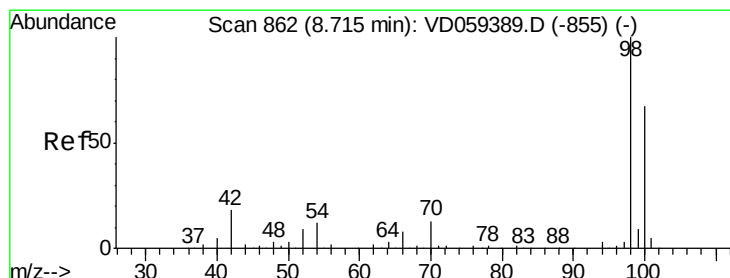
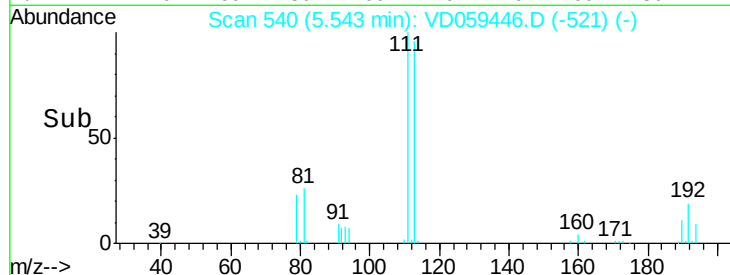
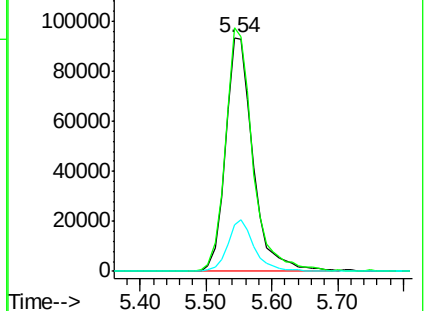
192 19.9 16.9 25.3



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: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD059446.D

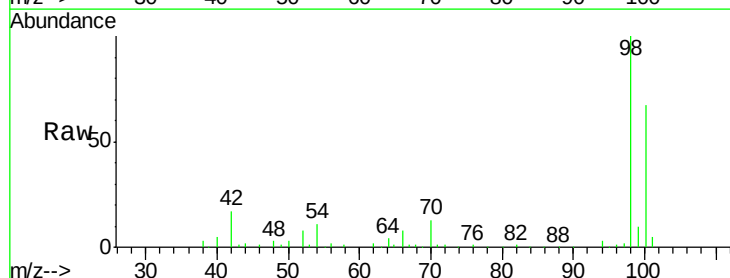
Acq: 27 Jun 2018 15:58

Tgt Ion: 98 Resp: 471371

Ion Ratio Lower Upper

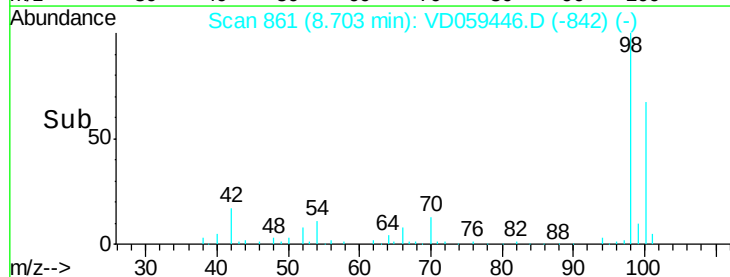
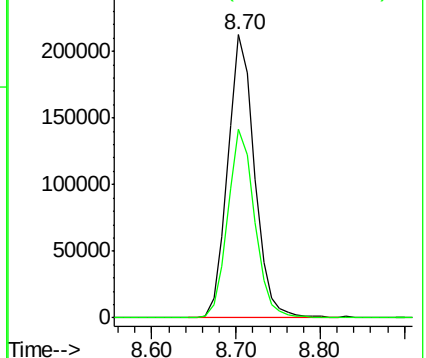
98 100

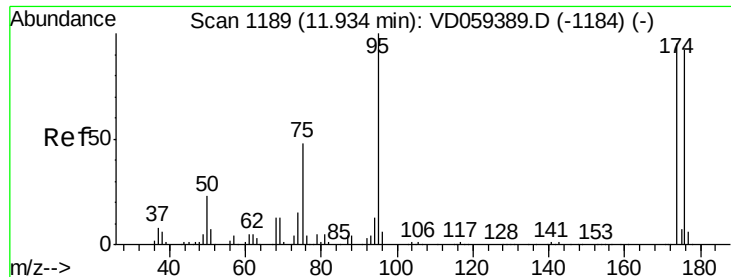
100 66.9 54.4 81.6



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: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD059446.D

Acq: 27 Jun 2018 15:58

Instrument :

MSVOA_D

ClientSampleId :

A0C10-04

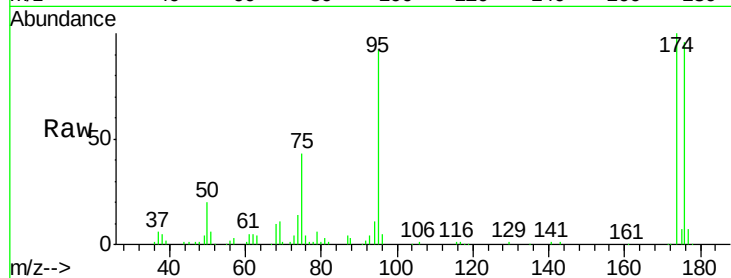
Tot Ion: 95 Resp: 147547

Ion Ratio Lower Upper

95 100

174 108.8 0.0 190.4

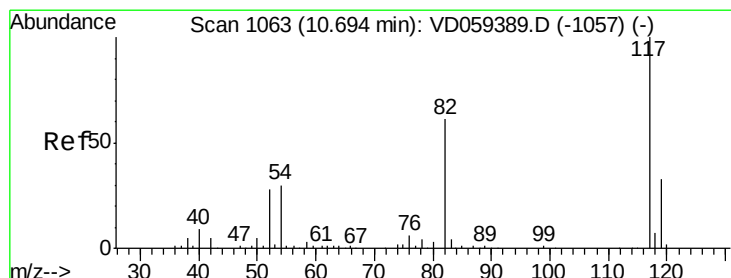
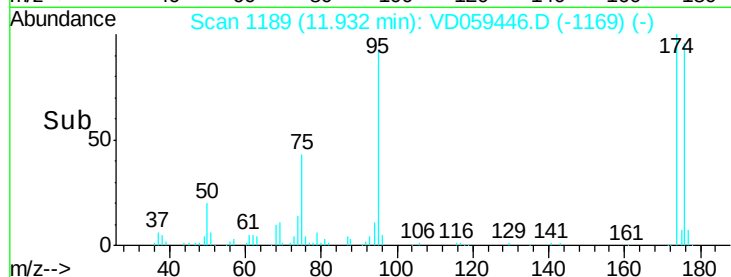
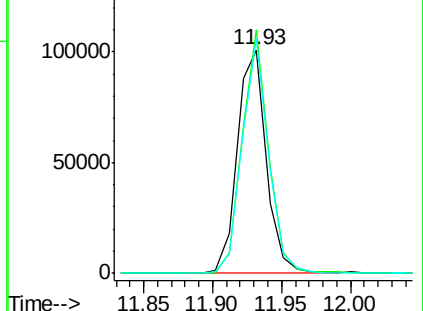
176 104.9 0.0 183.2



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: 10.69 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD059446.D

Acq: 27 Jun 2018 15:58

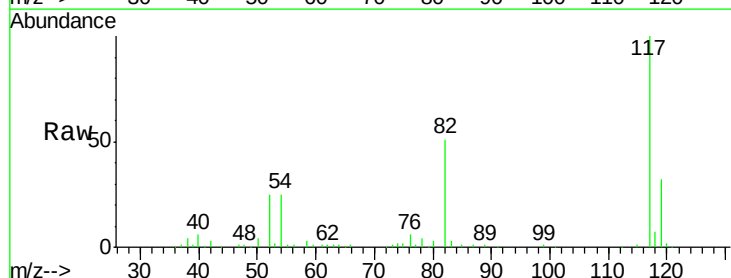
Tgt Ion: 117 Resp: 526517

Ion Ratio Lower Upper

117 100

82 51.2 49.0 73.6

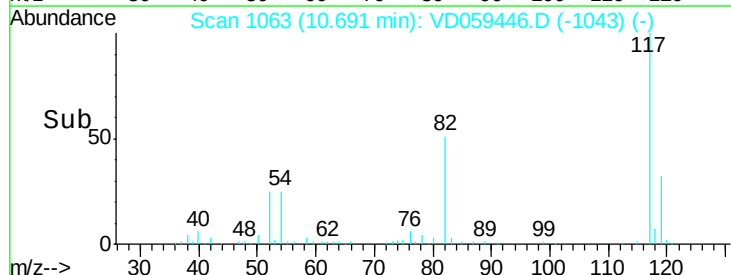
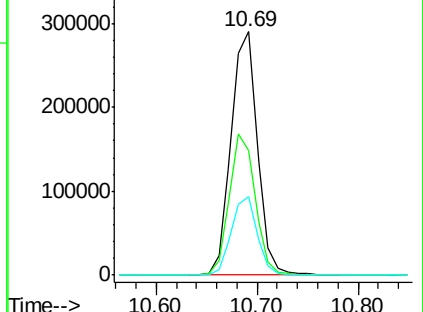
119 32.4 26.2 39.4

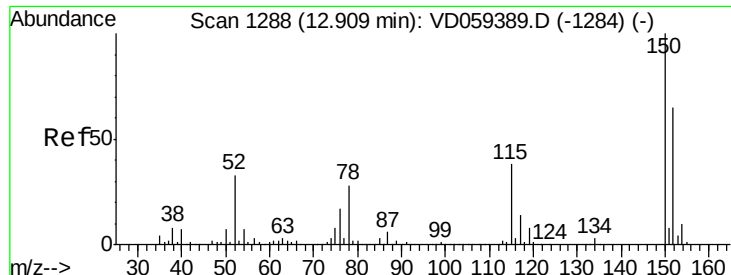


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD059446.D

Acq: 27 Jun 2018 15:58

Instrument :

MSVOA_D

ClientSampleId :

A0C10-04

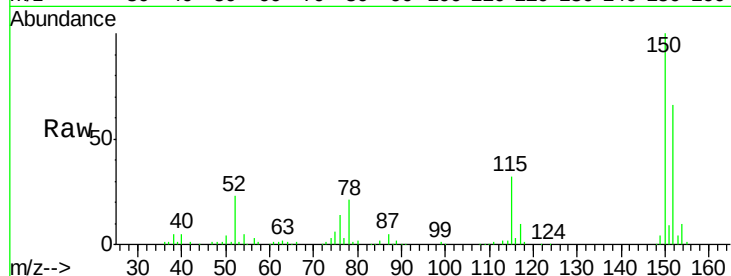
Tot Ion:152 Resp: 163119

Ion Ratio Lower Upper

152 100

115 49.2 29.4 88.3

150 152.3 0.0 308.2



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

