

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059450.D
 Acq On : 27 Jun 2018 17:51
 Operator : VA/AP
 Sample : J3614-01RE
 Misc : 10.36g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ZER-SB-02-1-2RE

Quant Time: Jun 28 04:05:07 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

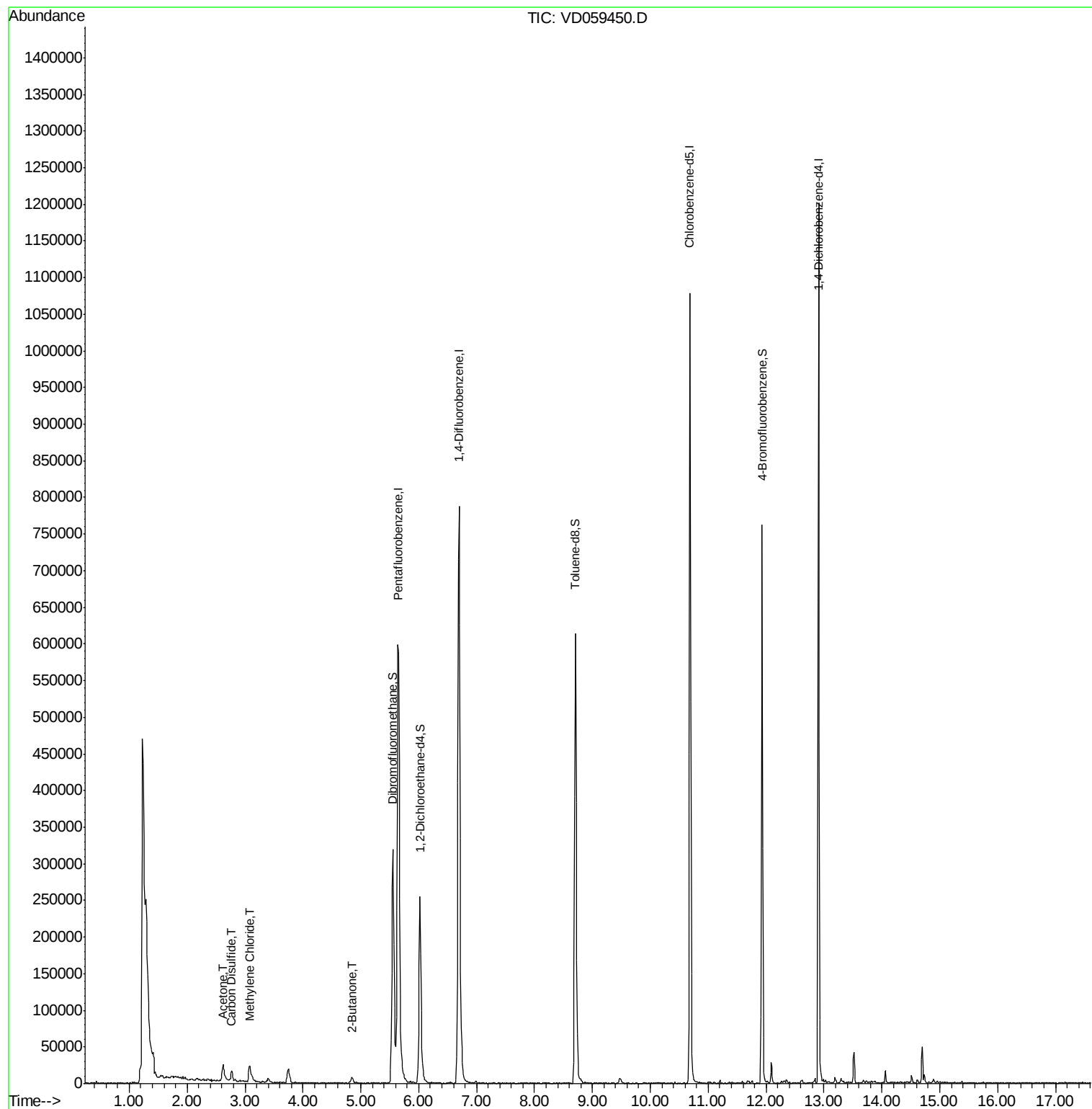
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	622962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	829277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	609678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	237166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	246694	38.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.44%	
35) Dibromofluoromethane	5.55	113	254486	37.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.36%	
50) Toluene-d8	8.70	98	509805	32.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	64.56%	
62) 4-Bromofluorobenzene	11.93	95	192376	29.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.58%	
Target Compounds						
16) Acetone	2.62	43	47715	59.34	ug/l	Qvalue 100
17) Carbon Disulfide	2.77	76	19084	3.04	ug/l #	93
20) Methylene Chloride	3.08	84	11679	2.89	ug/l #	87
25) 2-Butanone	4.85	43	14735	8.75	ug/l	93

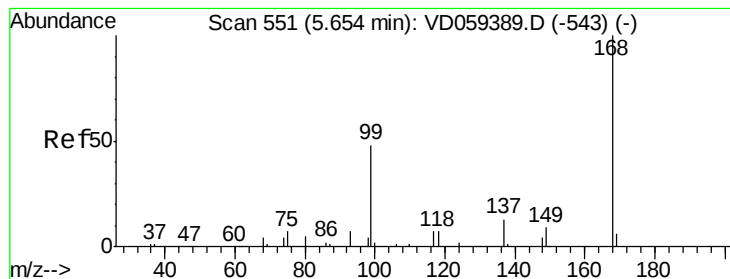
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062718\
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.00 min

Lab File: VD059450.D

Acq: 27 Jun 2018 17:51

Instrument :

MSVOA_D

ClientSampleId :

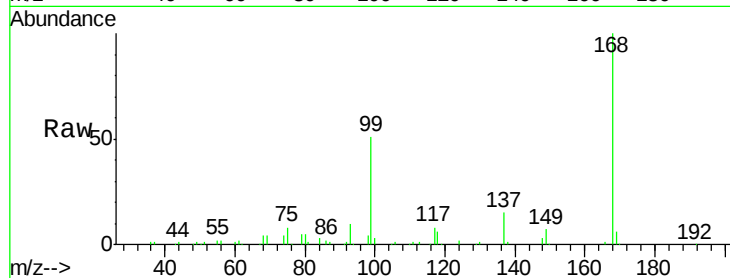
ZER-SB-02-1-2RE

Tot Ion:168 Resp: 622962

Ion Ratio Lower Upper

168 100

99 50.6 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

250000

200000

150000

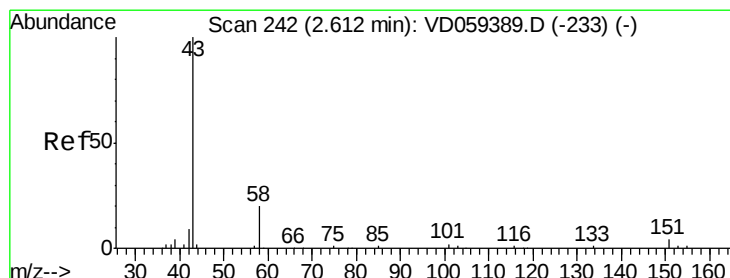
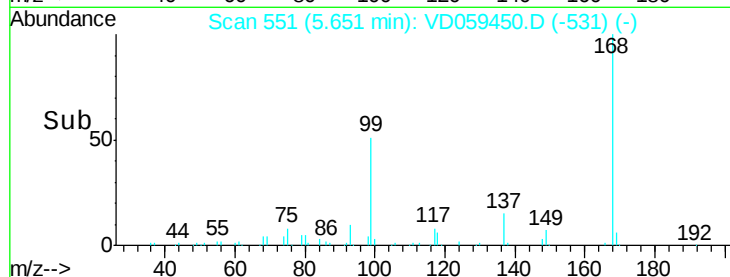
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 59.34 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD059450.D

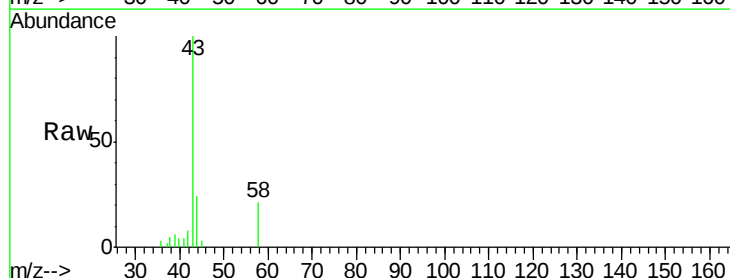
Acq: 27 Jun 2018 17:51

Tgt Ion: 43 Resp: 47715

Ion Ratio Lower Upper

43 100

58 20.8 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.62

15000

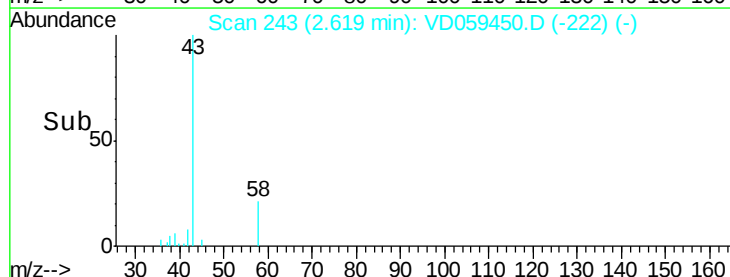
10000

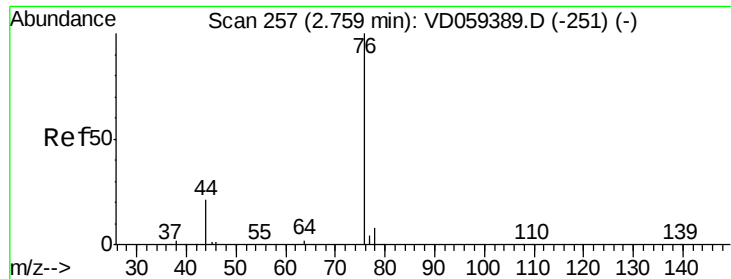
5000

0

Time-->

2.50 2.60 2.70 2.80





#17

Carbon Disulfide

Concen: 3.04 ug/l

RT: 2.77 min Scan# 258

Delta R.T. 0.01 min

Lab File: VD059450.D

Acq: 27 Jun 2018 17:51

Instrument :

MSVOA_D

ClientSampleId :

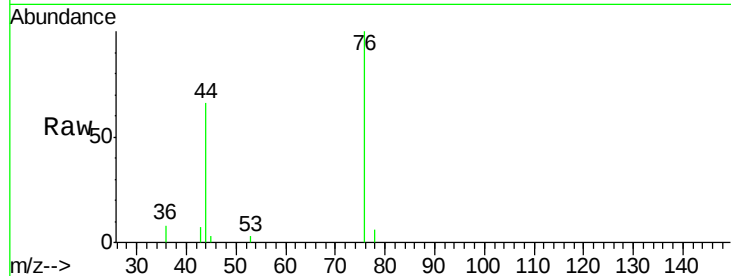
ZER-SB-02-1-2RE

Tot Ion: 76 Resp: 19084

Ion Ratio Lower Upper

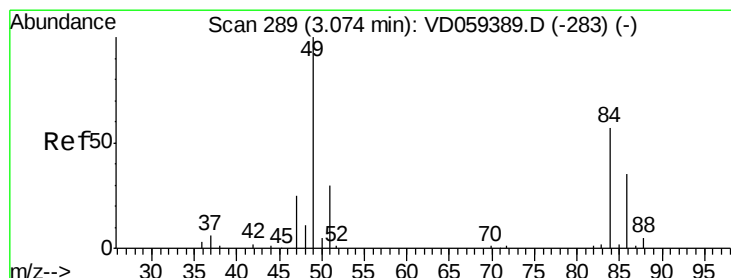
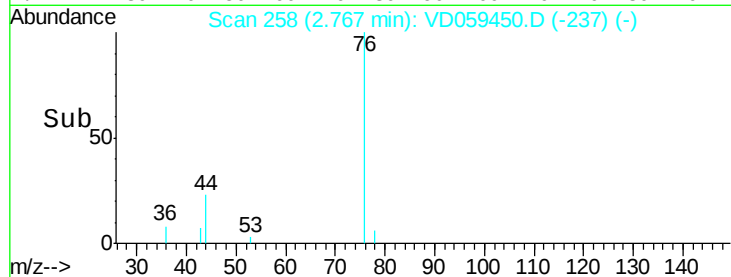
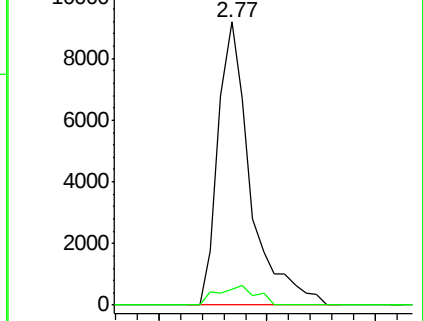
76 100

78 5.6 6.6 9.8#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 2.89 ug/l

RT: 3.08 min Scan# 290

Delta R.T. 0.01 min

Lab File: VD059450.D

Acq: 27 Jun 2018 17:51

Tgt Ion: 84 Resp: 11679

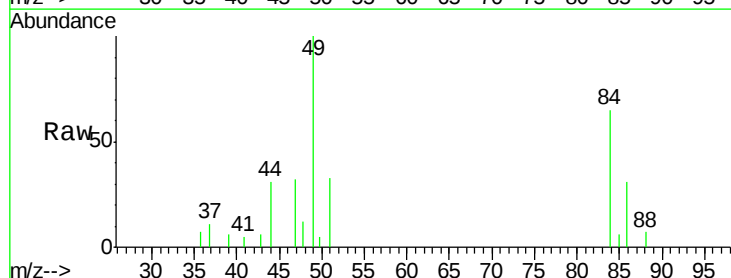
Ion Ratio Lower Upper

84 100

49 154.5 140.3 210.5

51 51.5 41.6 62.4

86 48.4 49.4 74.2#

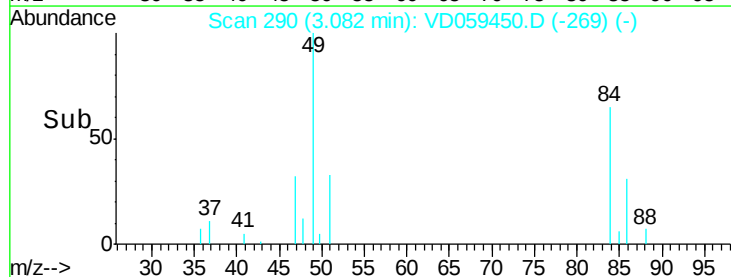
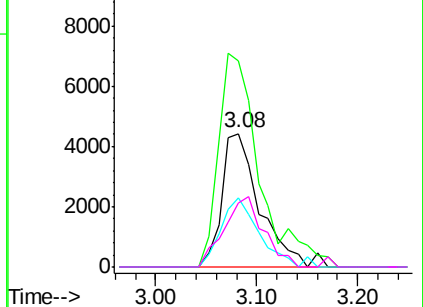


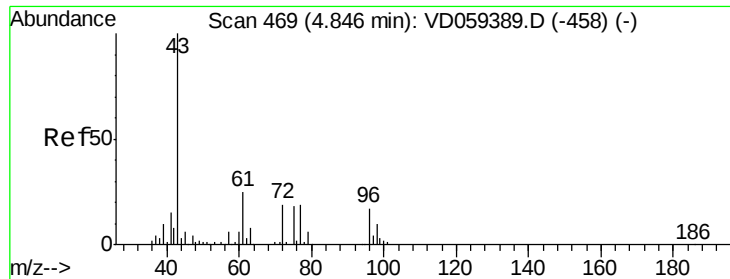
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#25

2-Butanone

Concen: 8.75 ug/l

RT: 4.85 min Scan# 470

Delta R.T. 0.01 min

Lab File: VD059450.D

Acq: 27 Jun 2018 17:51

Instrument :

MSVOA_D

ClientSampleId :

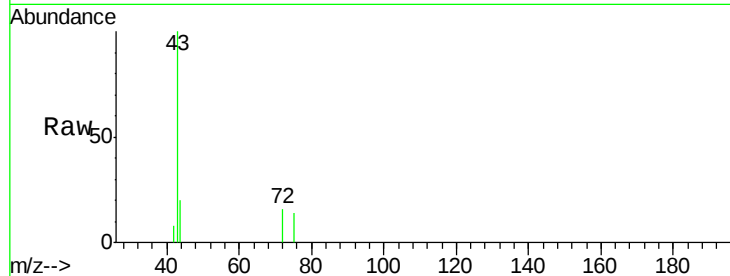
ZER-SB-02-1-2RE

Tot Ion: 43 Resp: 14735

Ion Ratio Lower Upper

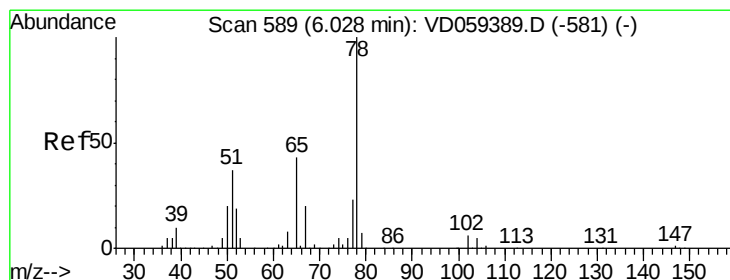
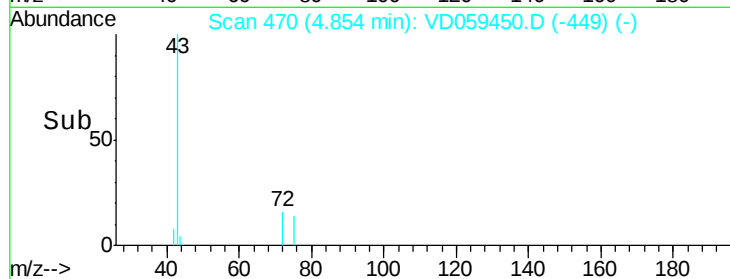
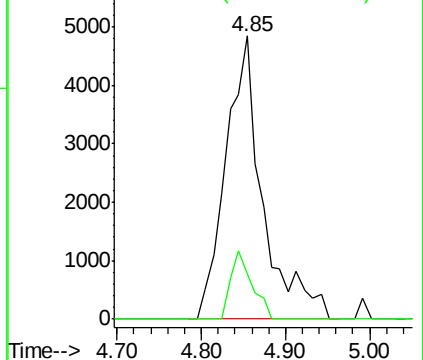
43 100

72 16.1 15.4 23.2



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: 6.03 min Scan# 589

Delta R.T. -0.00 min

Lab File: VD059450.D

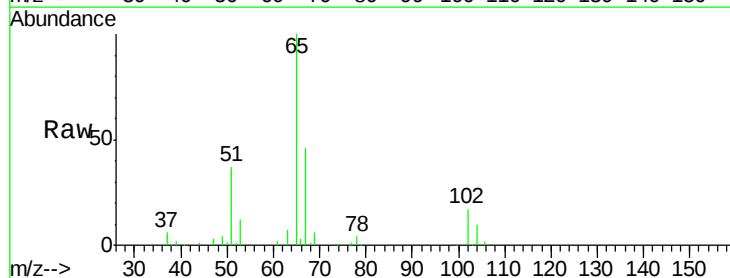
Acq: 27 Jun 2018 17:51

Tgt Ion: 65 Resp: 246694

Ion Ratio Lower Upper

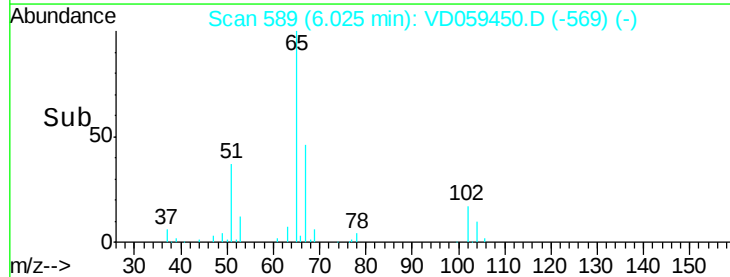
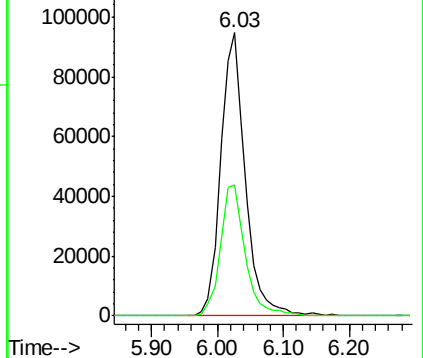
65 100

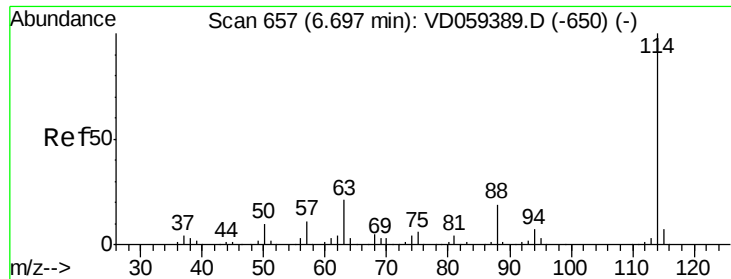
67 46.3 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

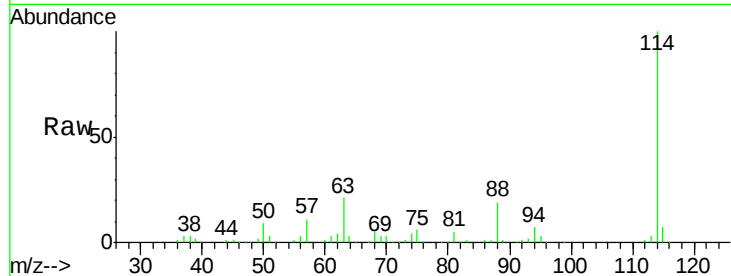




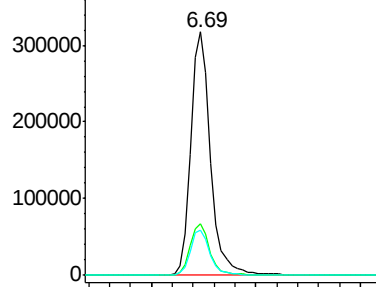
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VD059450.D
 Acq: 27 Jun 2018 17:51

Instrument :
 MSVOA_D
 ClientSampleId :
 ZER-SB-02-1-2RE

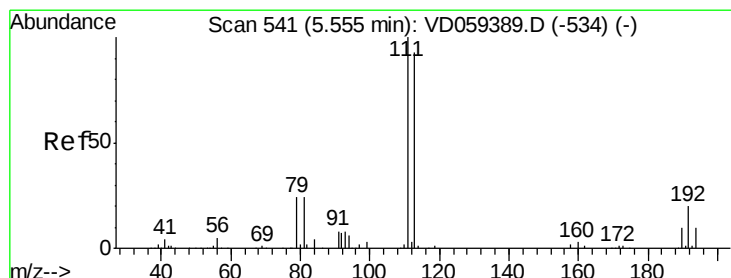
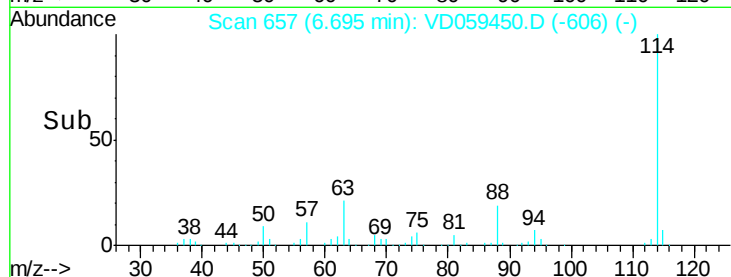
Tot Ion:114 Resp: 829277
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 18.7 0.0 38.0



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

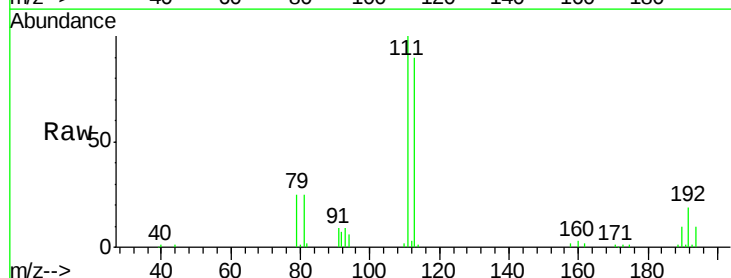


Time-->

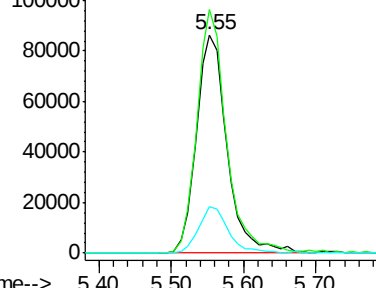


#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: VD059450.D
 Acq: 27 Jun 2018 17:51

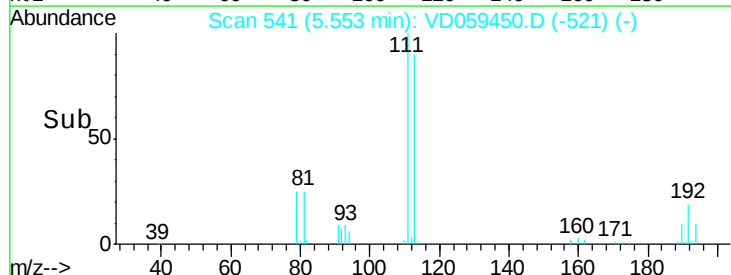
Tgt Ion:113 Resp: 254486
 Ion Ratio Lower Upper
 113 100
 111 111.6 85.7 128.5
 192 21.4 16.9 25.3

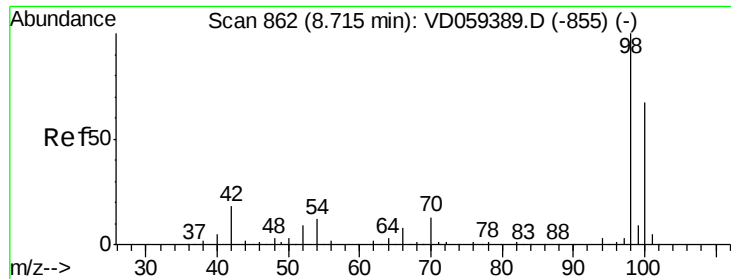


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V



Time-->

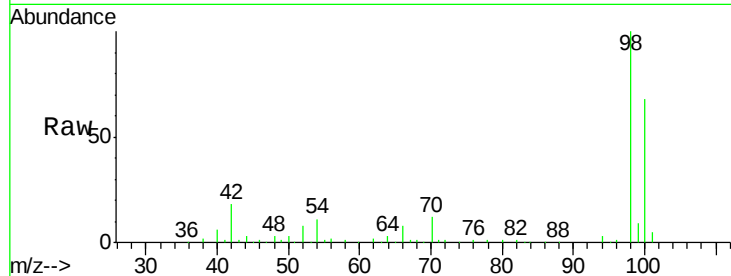




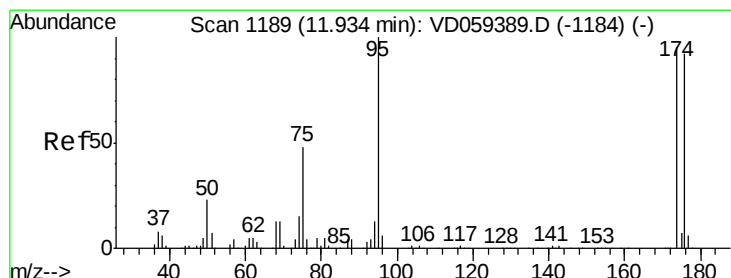
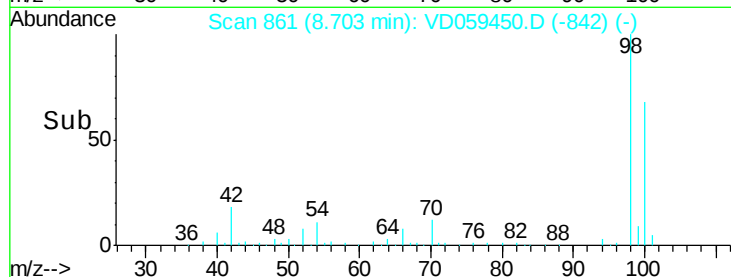
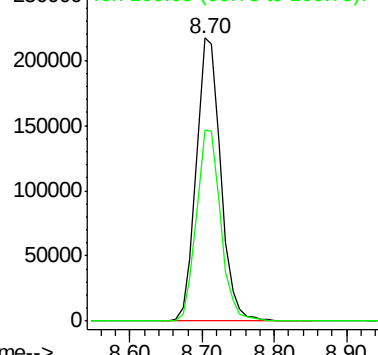
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-02-1-2RE

Tot Ion: 98 Resp: 509805
Ion Ratio Lower Upper
98 100
100 67.5 54.4 81.6

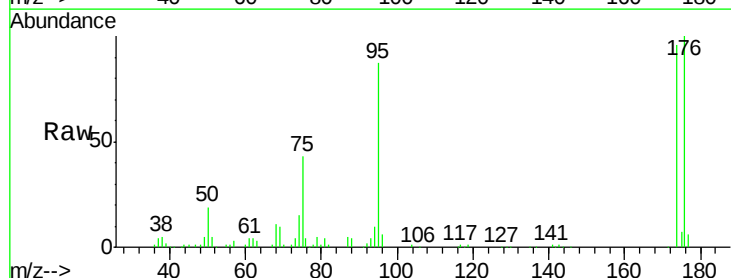


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

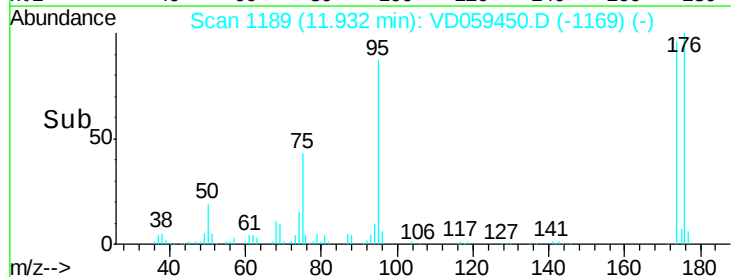
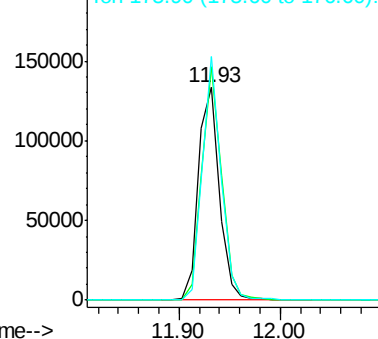


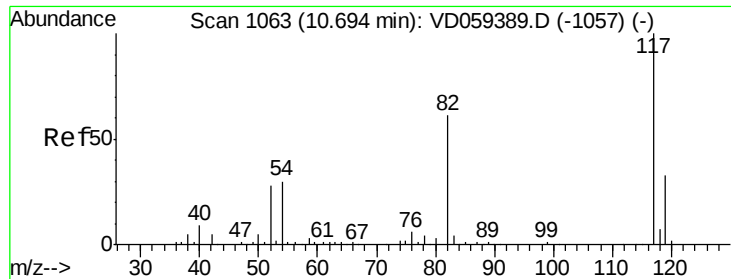
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Tgt Ion: 95 Resp: 192376
Ion Ratio Lower Upper
95 100
174 109.8 0.0 190.4
176 114.6 0.0 183.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
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: VD059450.D

Acq: 27 Jun 2018 17:51

Instrument :

MSVOA_D

ClientSampleId :

ZER-SB-02-1-2RE

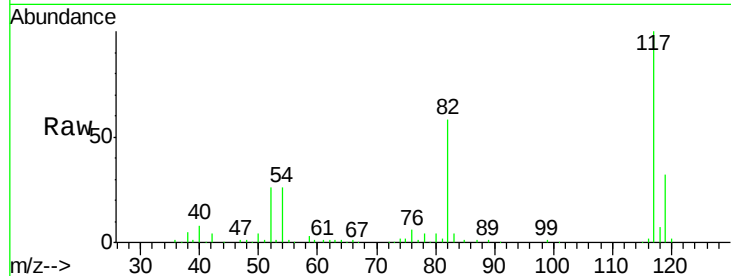
Tot Ion:117 Resp: 609678

Ion Ratio Lower Upper

117 100

82 58.4 49.0 73.6

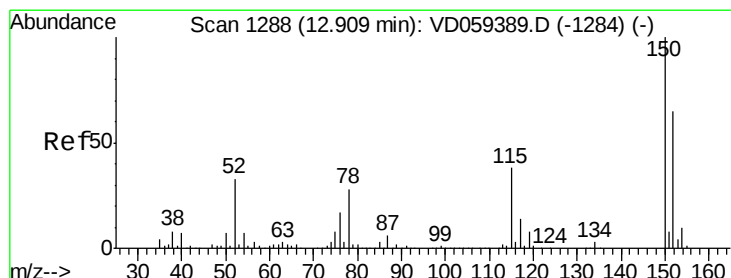
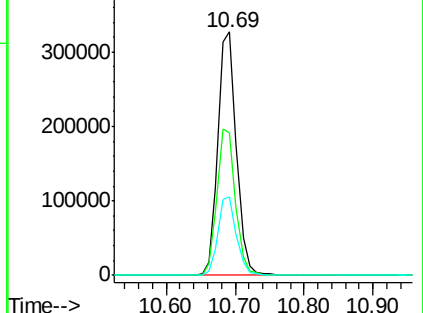
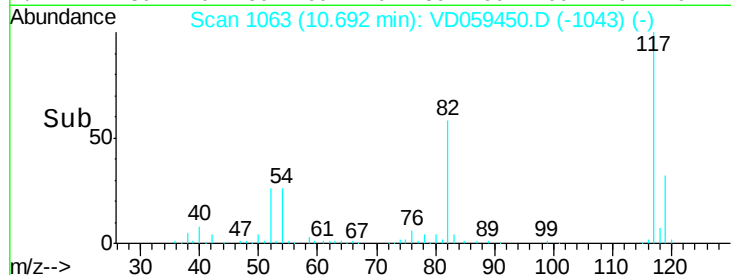
119 32.3 26.2 39.4



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: VD059450.D

Acq: 27 Jun 2018 17:51

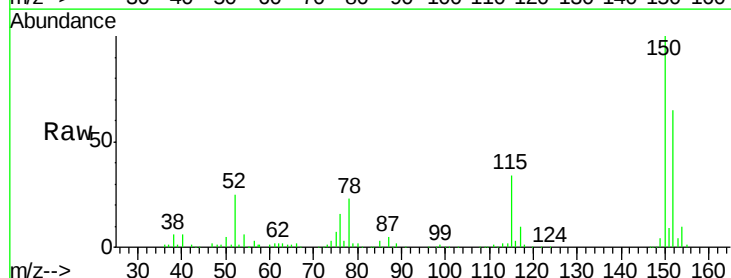
Tgt Ion:152 Resp: 237166

Ion Ratio Lower Upper

152 100

115 52.5 29.4 88.3

150 153.1 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

