

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058133.D
 Acq On : 14 Jun 2018 14:02
 Operator : VA/AP
 Sample : J3420-02
 Misc : 6.67g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-39(0-5)

Quant Time: Jun 15 06:57:41 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

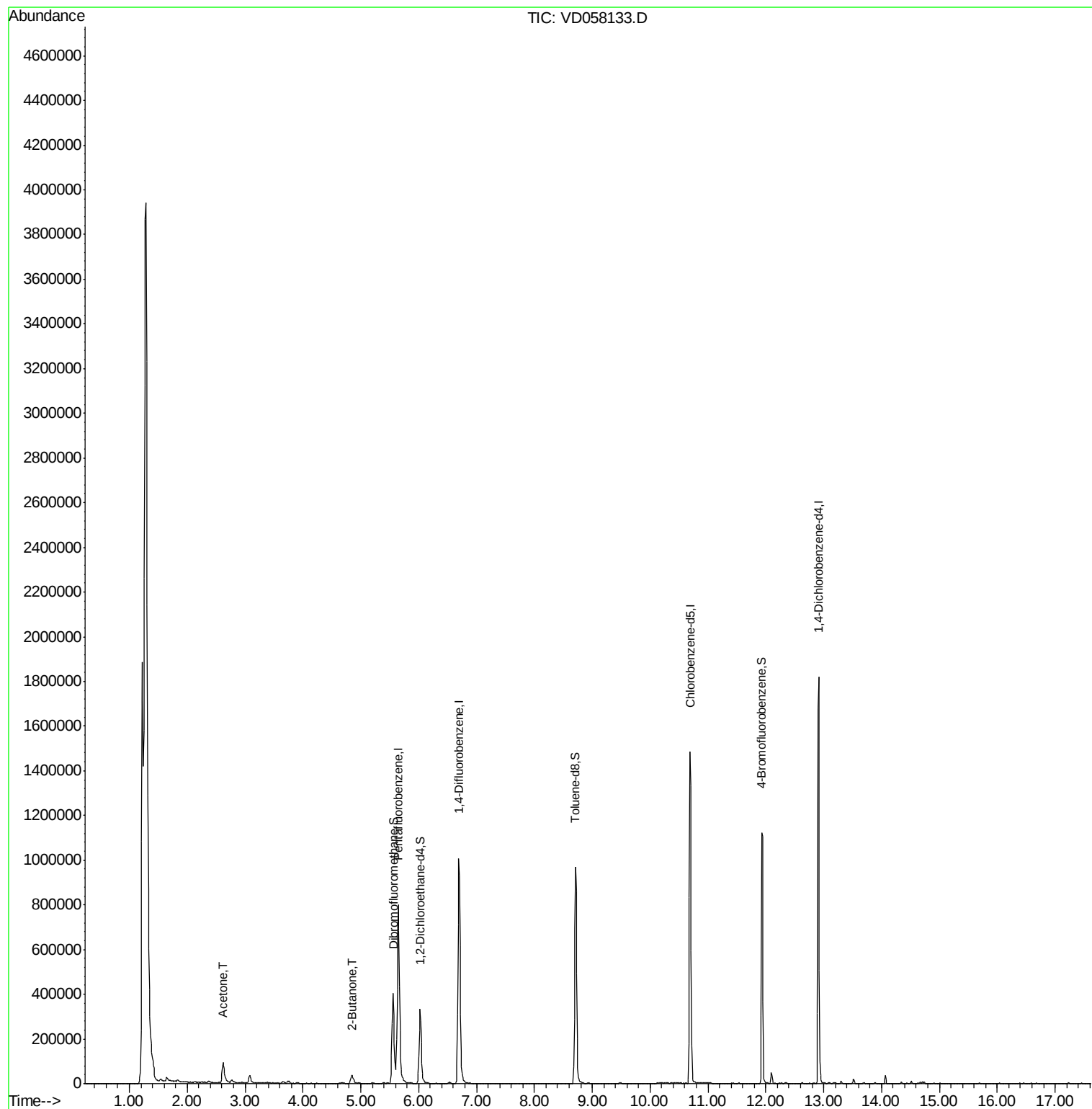
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	802491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1037504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	833060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	422508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	319813	39.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.72%	
35) Dibromofluoromethane	5.56	113	335874	41.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.68%	
50) Toluene-d8	8.71	98	764087	40.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.08%	
62) 4-Bromofluorobenzene	11.93	95	334215	40.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.28%	
Target Compounds						
16) Acetone	2.62	43	195949	169.523	ug/l	97
25) 2-Butanone	4.84	43	47823	18.205	ug/l	93

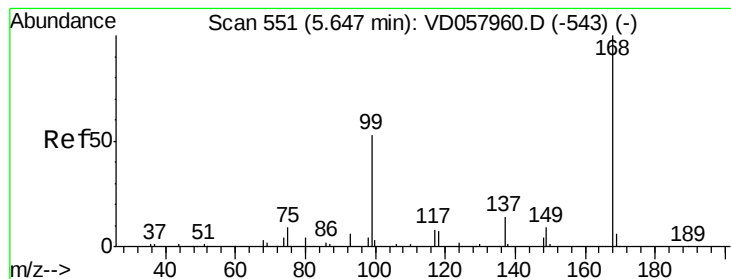
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.00 min

Lab File: VD058133.D

Acq: 14 Jun 2018 14:02

Instrument :

MSVOA_D

ClientSampleId :

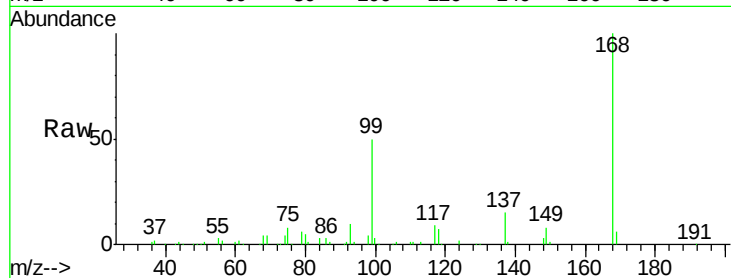
SB-39(0-5)

Tot Ion:168 Resp: 802491

Ion Ratio Lower Upper

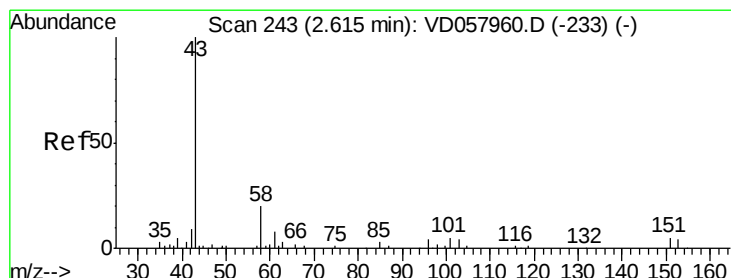
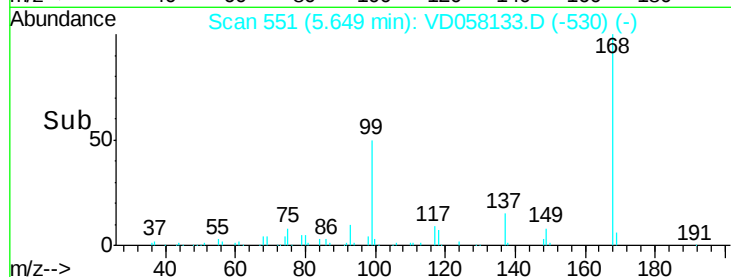
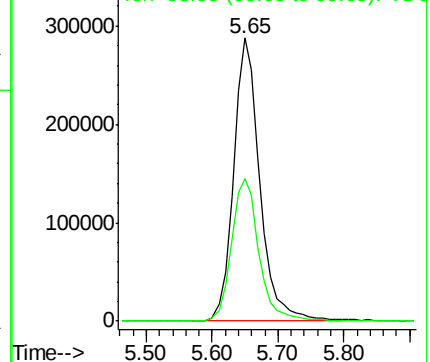
168 100

99 50.3 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: 169.523 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD058133.D

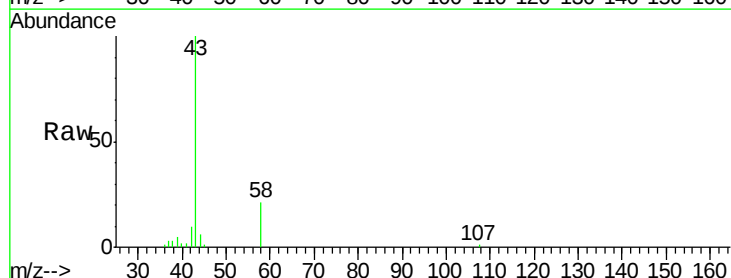
Acq: 14 Jun 2018 14:02

Tgt Ion: 43 Resp: 195949

Ion Ratio Lower Upper

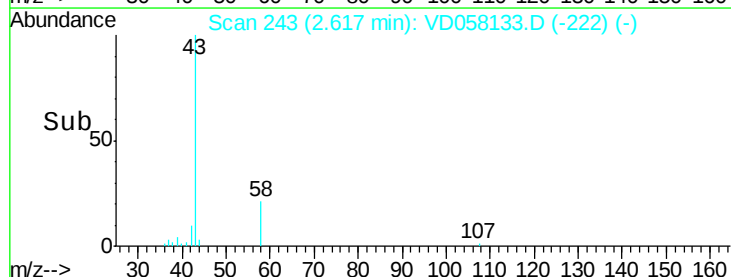
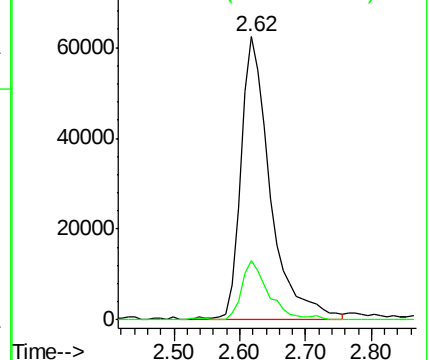
43 100

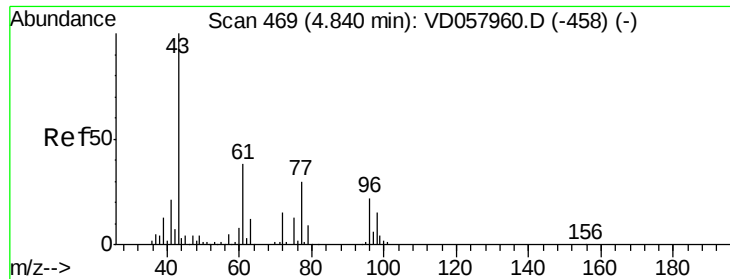
58 21.1 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 18.205 ug/l

RT: 4.84 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD058133.D

Acq: 14 Jun 2018 14:02

Instrument :

MSVOA_D

ClientSampleId :

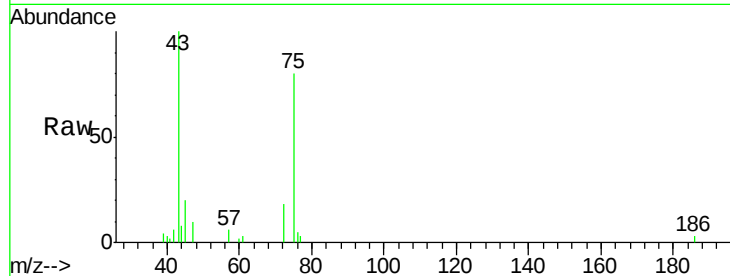
SB-39(0-5)

Tot Ion: 43 Resp: 47823

Ion Ratio Lower Upper

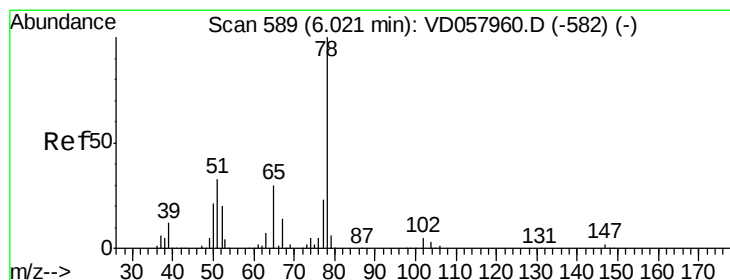
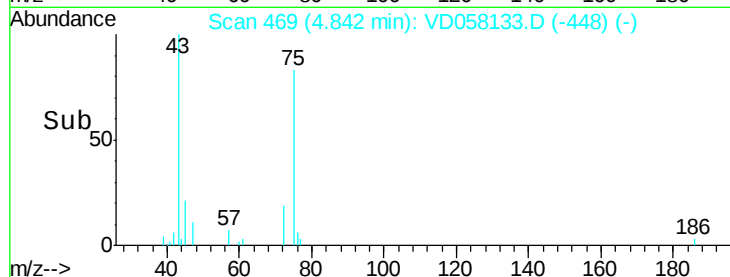
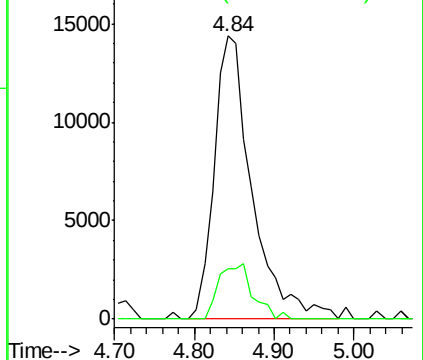
43 100

72 17.9 12.0 18.0



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: 6.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: VD058133.D

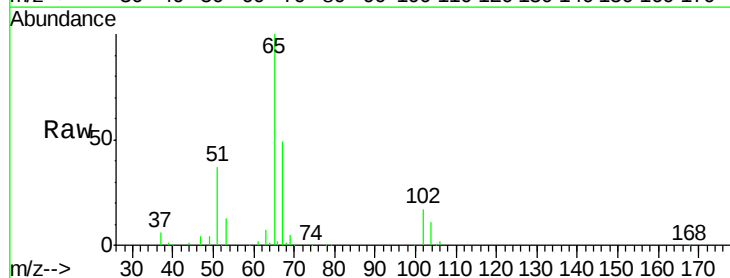
Acq: 14 Jun 2018 14:02

Tgt Ion: 65 Resp: 319813

Ion Ratio Lower Upper

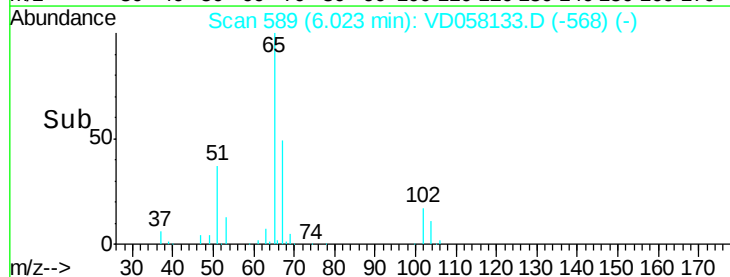
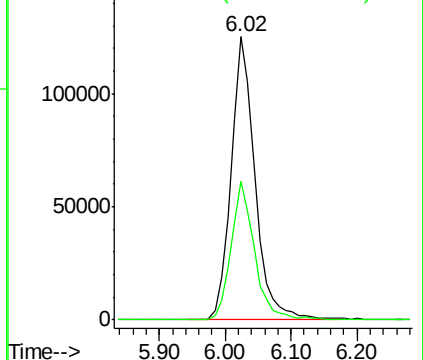
65 100

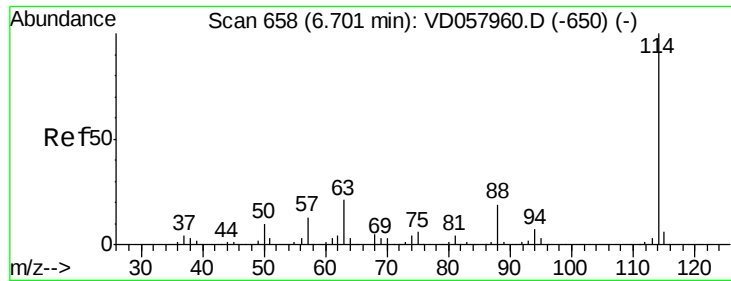
67 49.2 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

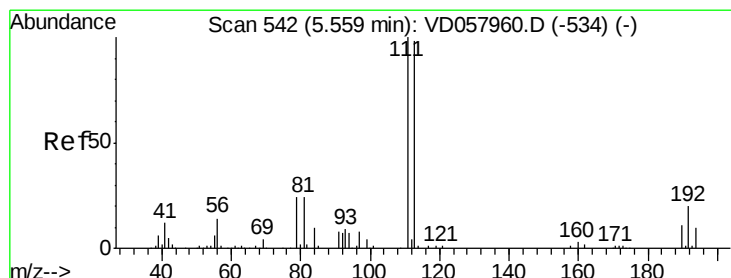
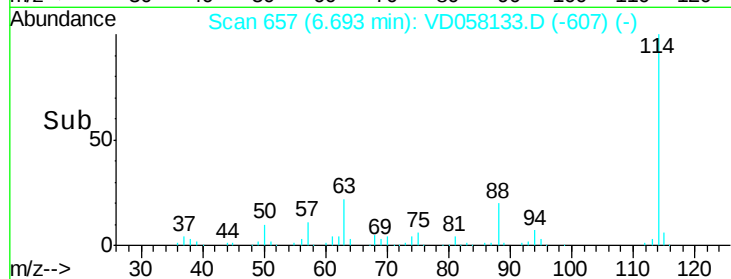
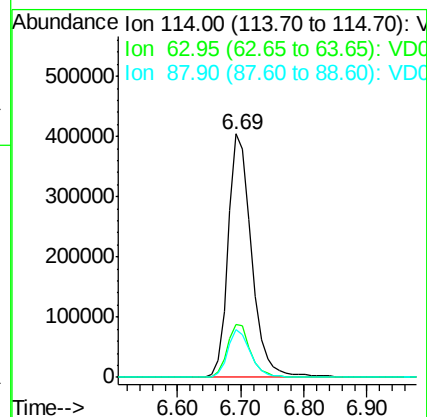
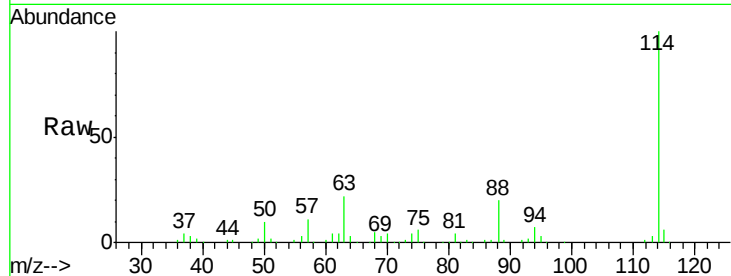




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD058133.D
 Acq: 14 Jun 2018 14:02

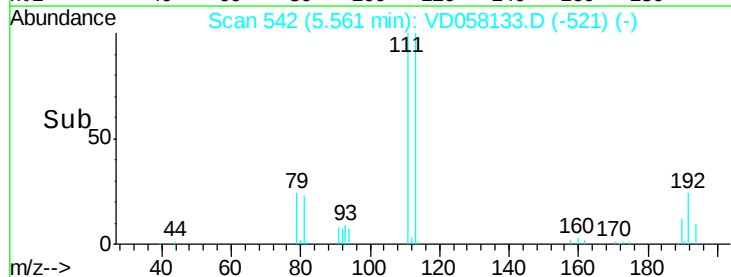
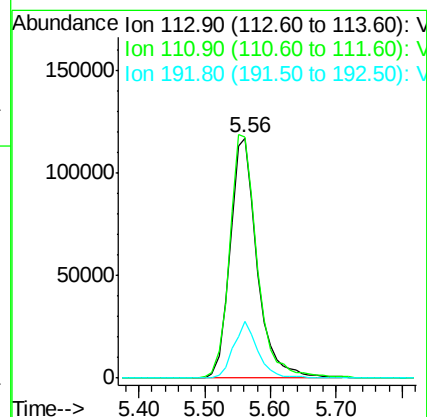
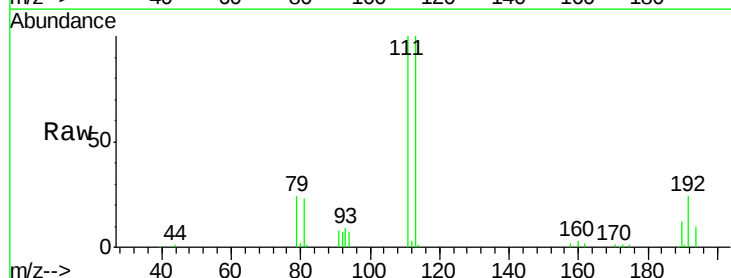
Instrument :
 MSVOA_D
 ClientSampled :
 SB-39(0-5)

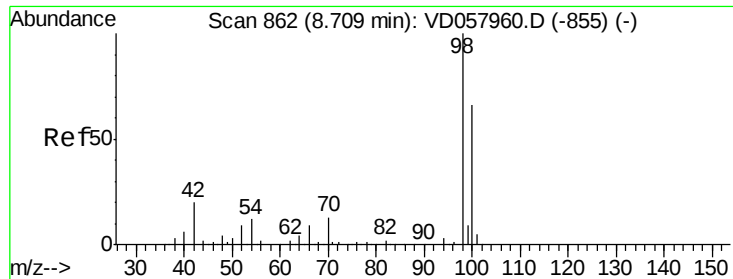
Tot Ion:114 Resp: 1037504
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.8
 88 19.7 0.0 37.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: VD058133.D
 Acq: 14 Jun 2018 14:02

Tgt Ion:113 Resp: 335874
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.5 122.3
 192 23.8 16.4 24.6

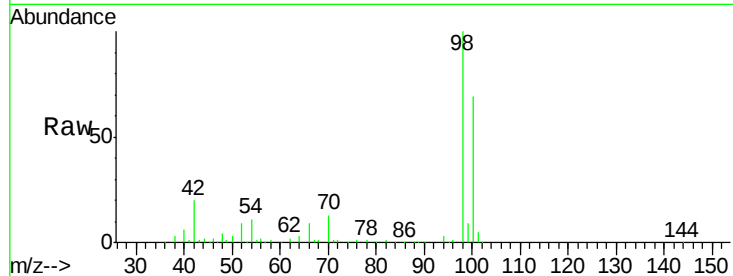




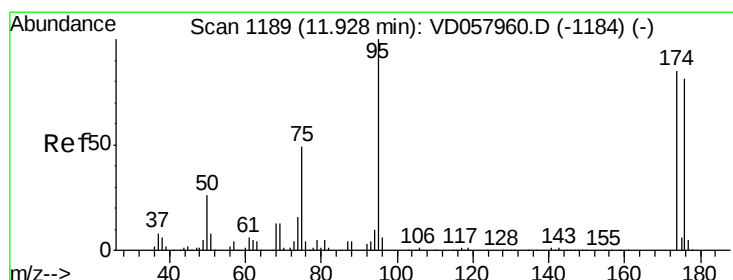
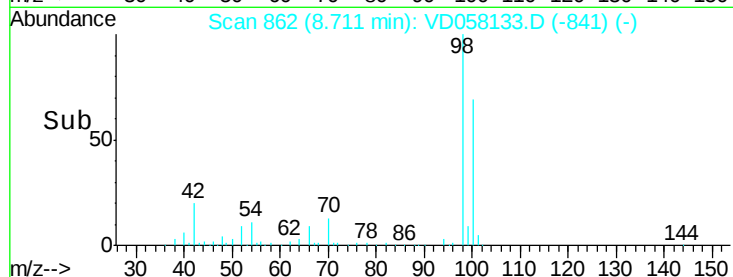
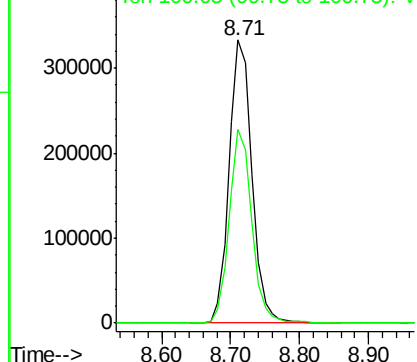
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058133.D
Acq: 14 Jun 2018 14:02

Instrument :
MSVOA_D
ClientSampleId :
SB-39(0-5)

Tot Ion: 98 Resp: 764087
Ion Ratio Lower Upper
98 100
100 68.6 53.4 80.0

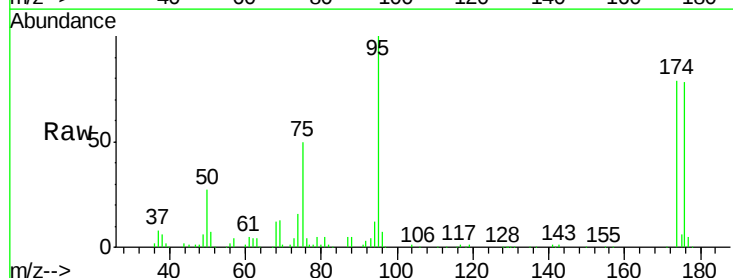


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

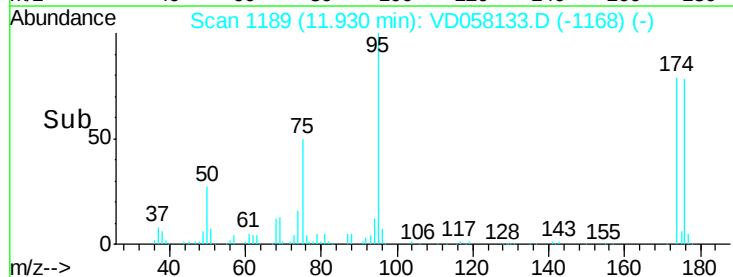
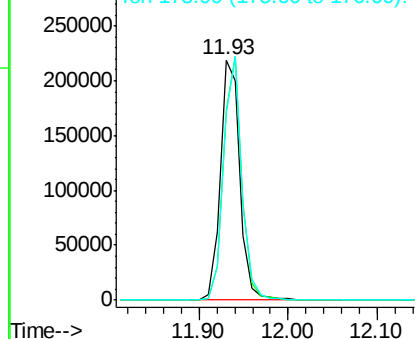


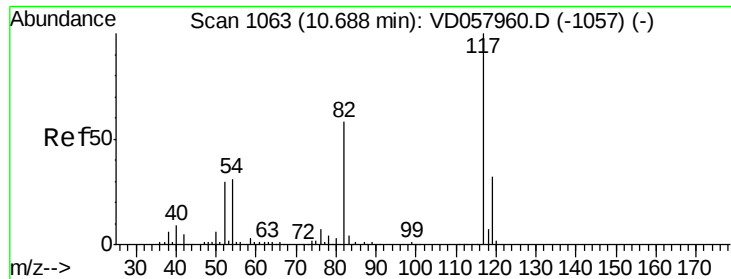
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058133.D
Acq: 14 Jun 2018 14:02

Tgt Ion: 95 Resp: 334215
Ion Ratio Lower Upper
95 100
174 79.2 0.0 169.4
176 77.7 0.0 162.6



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

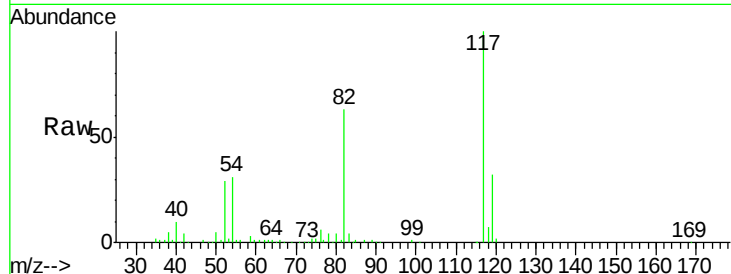




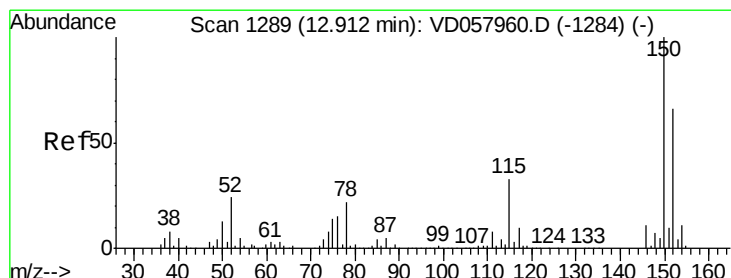
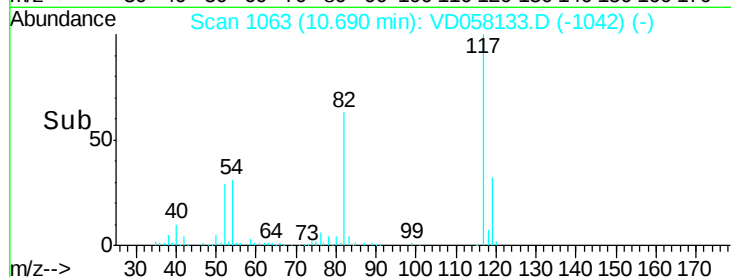
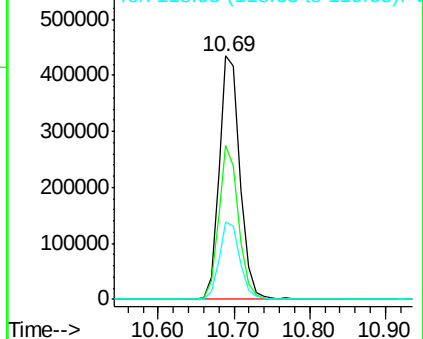
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058133.D
Acq: 14 Jun 2018 14:02

Instrument :
MSVOA_D
ClientSampleId :
SB-39(0-5)

Tot Ion:117 Resp: 833060
Ion Ratio Lower Upper
117 100
82 63.0 46.8 70.2
119 31.7 25.8 38.6

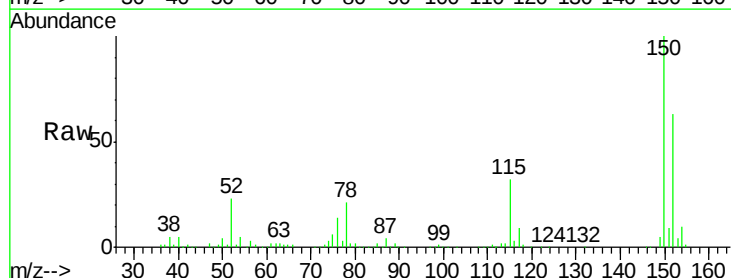


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058133.D
Acq: 14 Jun 2018 14:02

Tgt Ion:152 Resp: 422508
Ion Ratio Lower Upper
152 100
115 50.2 25.6 76.6
150 158.2 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

