

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058151.D
 Acq On : 14 Jun 2018 22:31
 Operator : VA/AP
 Sample : J3241-11
 Misc : 5.47g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-061318-C

Quant Time: Jun 15 07:48:09 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

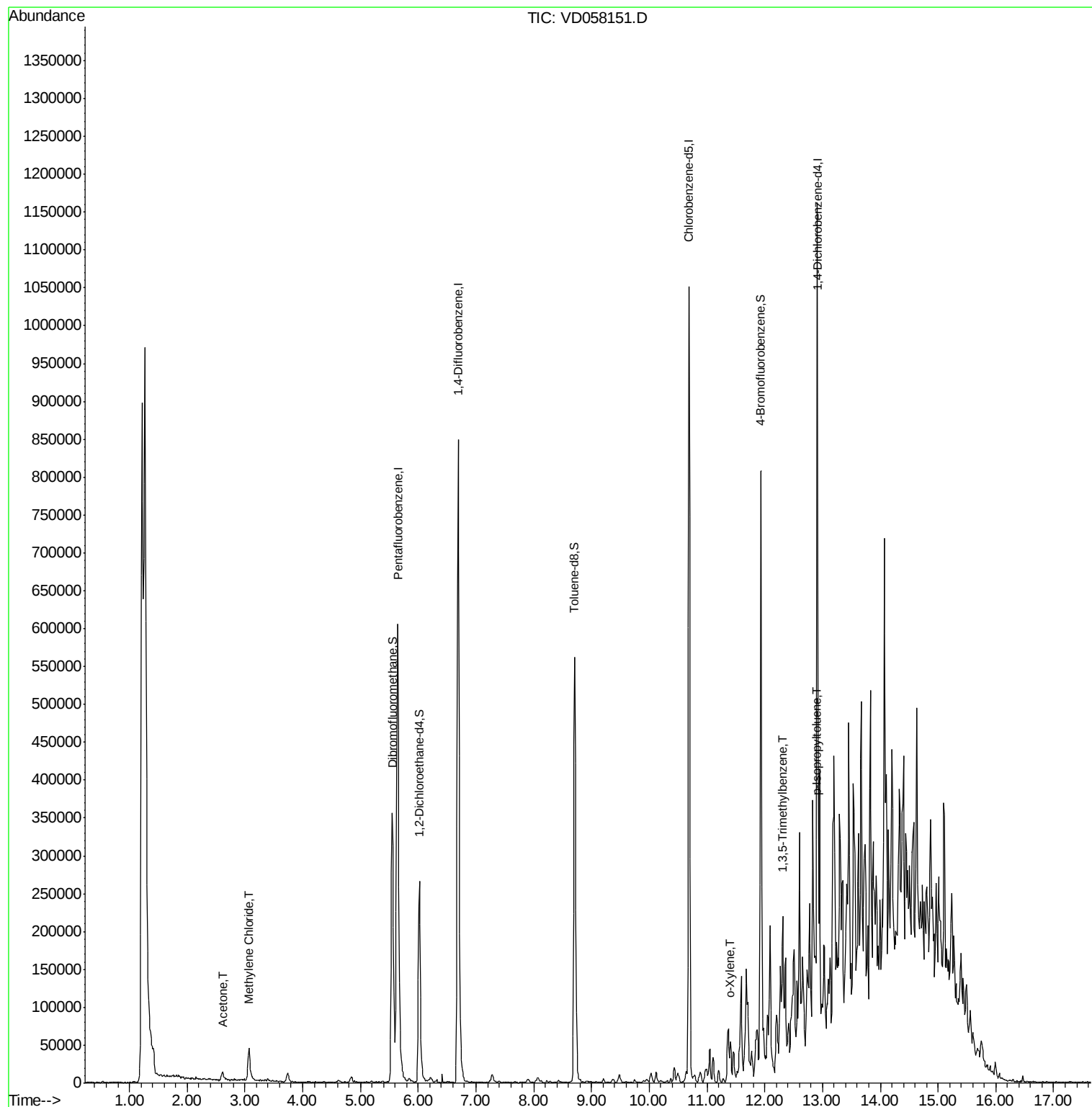
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	629543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	841874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	534472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	270419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	260602	41.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.82%	
35) Dibromofluoromethane	5.55	113	277459	42.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.20%	
50) Toluene-d8	8.71	98	433115	27.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.94%	
62) 4-Bromofluorobenzene	11.93	95	232873	34.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.94%	
Target Compounds						
16) Acetone	2.62	43	24116	26.595	ug/l	97
20) Methylene Chloride	3.07	84	22829	3.033	ug/l	98
69) o-Xylene	11.41	106	6894	1.090	ug/l	95
80) 1,3,5-Trimethylbenzene	12.32	105	27546	1.972	ug/l	96
86) p-Isopropyltoluene	12.88	119	26831	1.749	ug/l	96

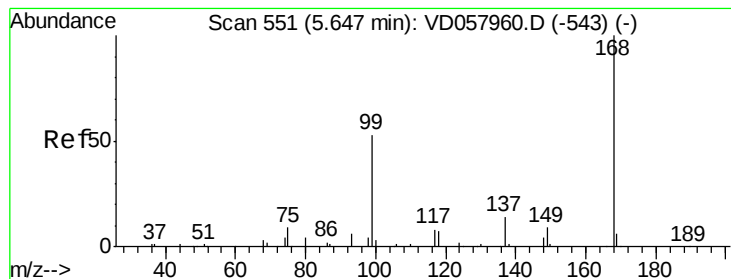
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD058151.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_D

ClientSampleId :

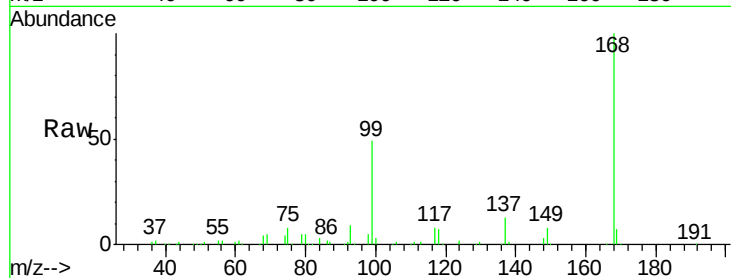
HR-05-061318-C

Tot Ion:168 Resp: 629543

Ion Ratio Lower Upper

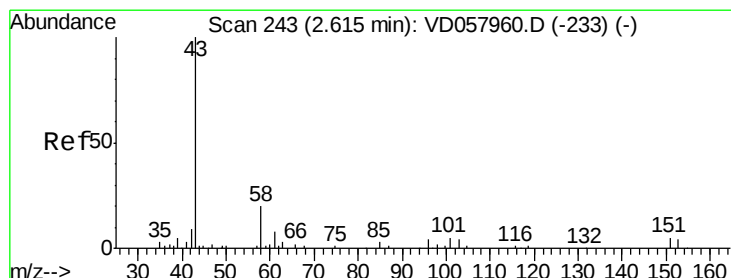
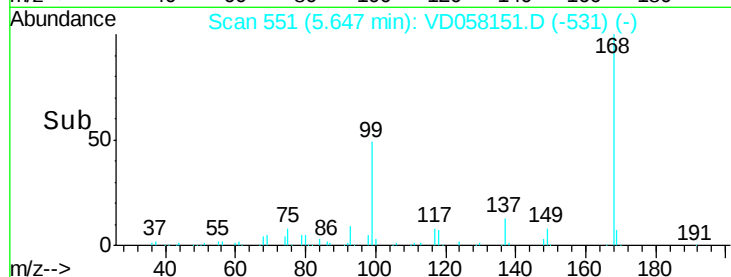
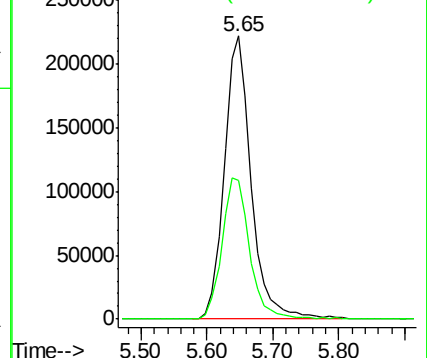
168 100

99 49.0 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: 26.595 ug/l

RT: 2.62 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD058151.D

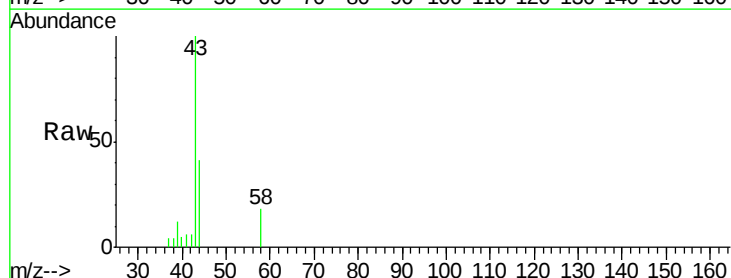
Acq: 14 Jun 2018 22:31

Tgt Ion: 43 Resp: 24116

Ion Ratio Lower Upper

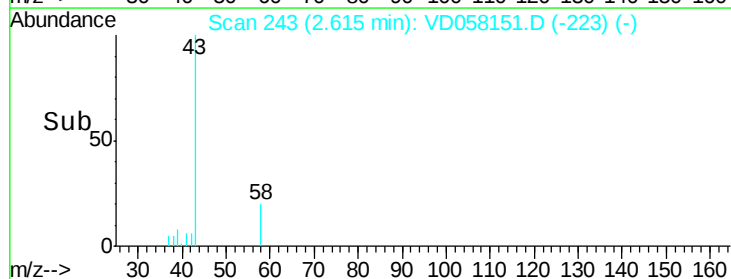
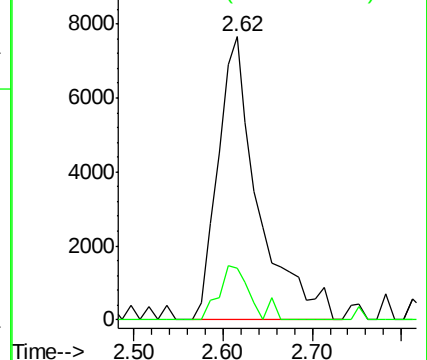
43 100

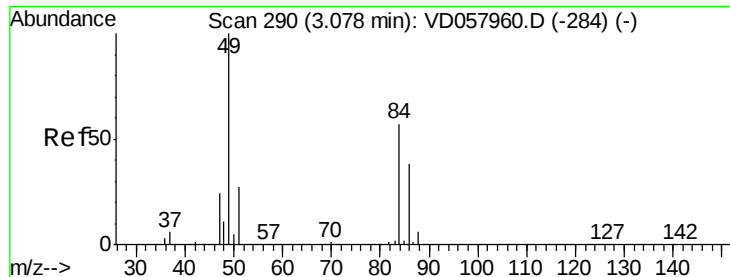
58 18.5 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

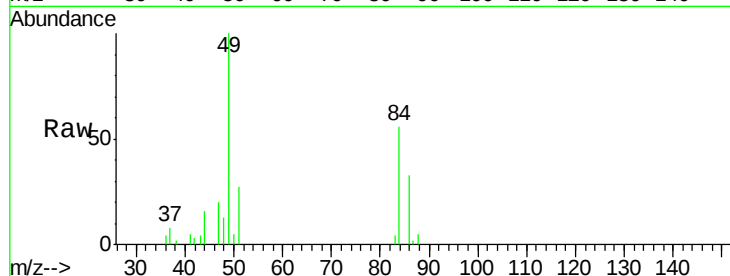




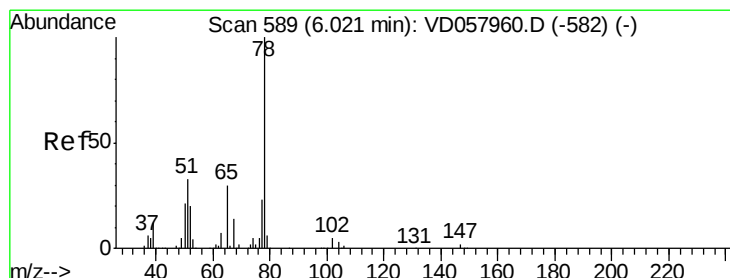
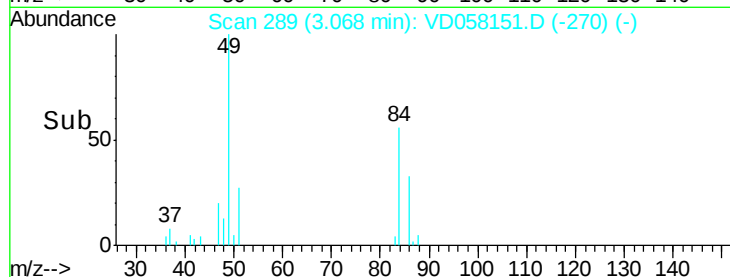
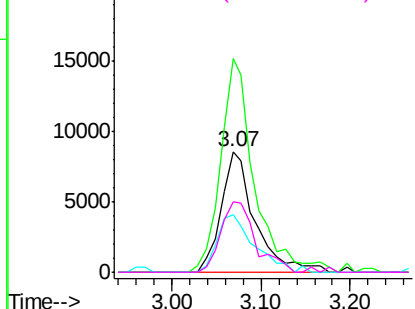
#20
Methvlene Chloride
Concen: 3.033 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD058151.D
Acq: 14 Jun 2018 22:31

Instrument :
MSVOA_D
ClientSampleId :
HR-05-061318-C

Tot Ion: 84 Resp: 22829
Ion Ratio Lower Upper
84 100
49 177.1 141.4 212.0
51 47.8 38.3 57.5
86 58.6 52.9 79.3

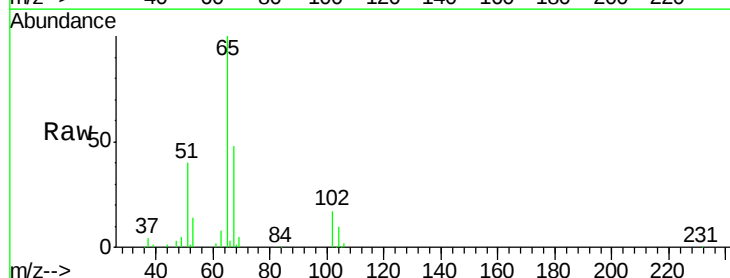


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

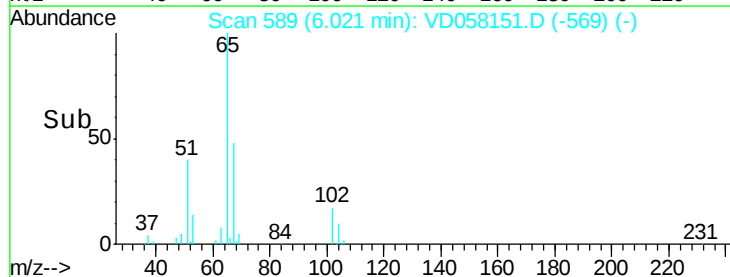
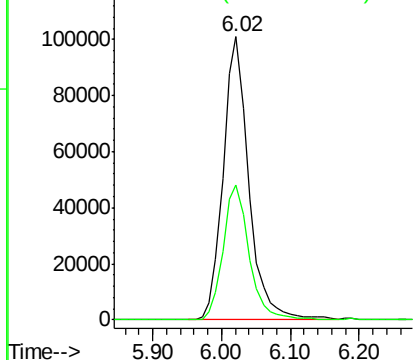


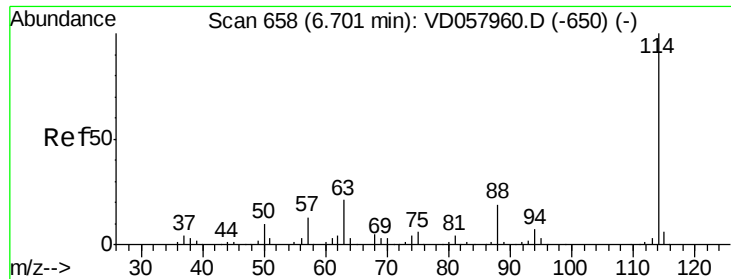
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. -0.00 min
Lab File: VD058151.D
Acq: 14 Jun 2018 22:31

Tgt Ion: 65 Resp: 260602
Ion Ratio Lower Upper
65 100
67 47.6 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

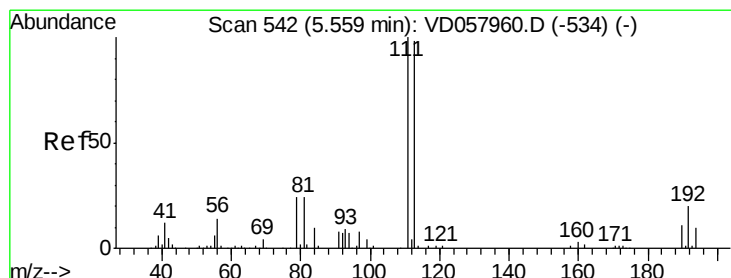
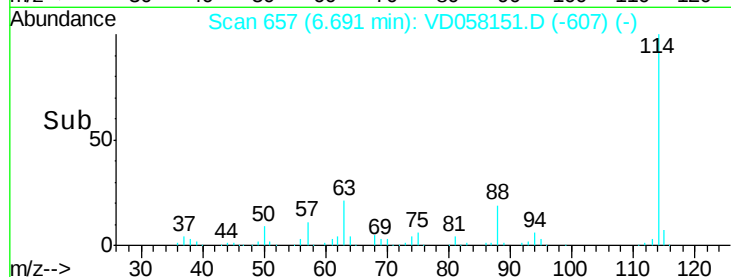
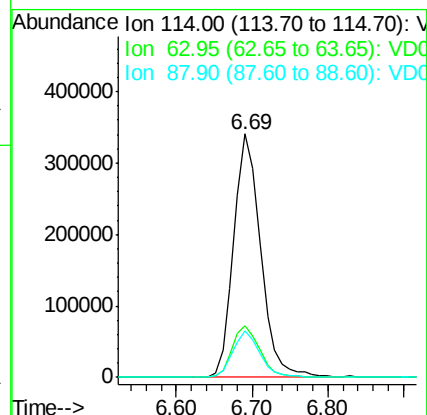
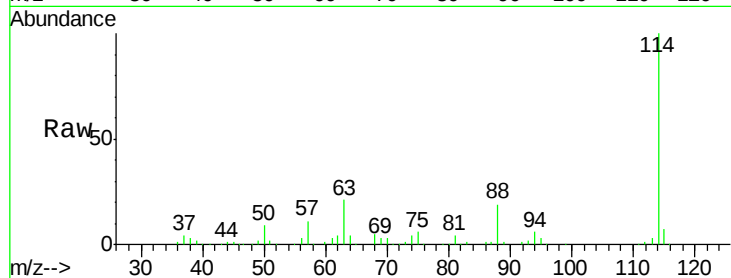




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD058151.D
 Acq: 14 Jun 2018 22:31

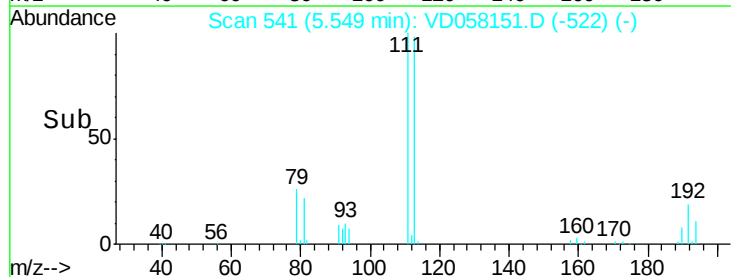
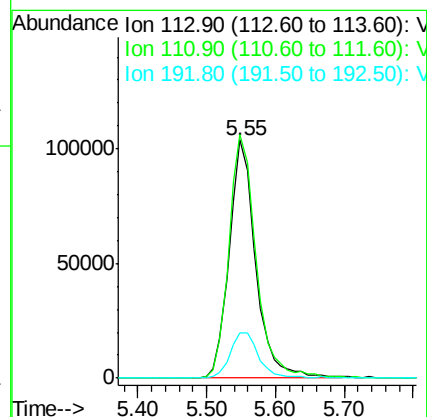
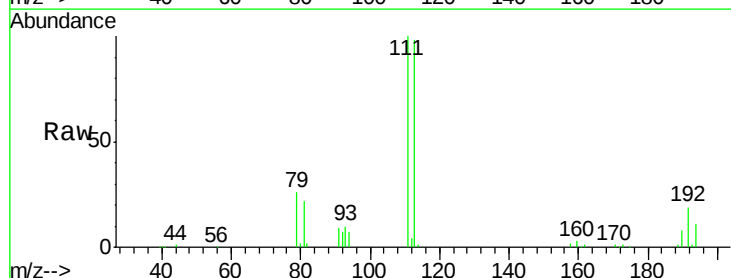
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-061318-C

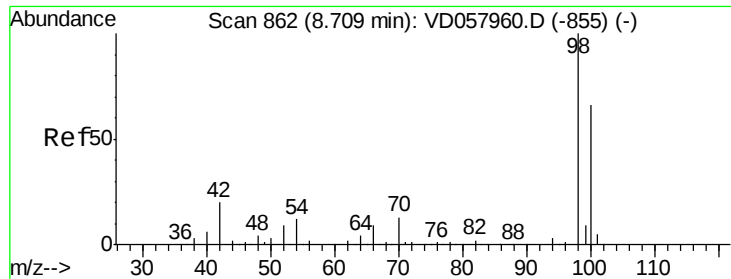
Tot Ion:114 Resp: 841874
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 19.1 0.0 37.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD058151.D
 Acq: 14 Jun 2018 22:31

Tgt Ion:113 Resp: 277459
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.5 122.3
 192 19.1 16.4 24.6

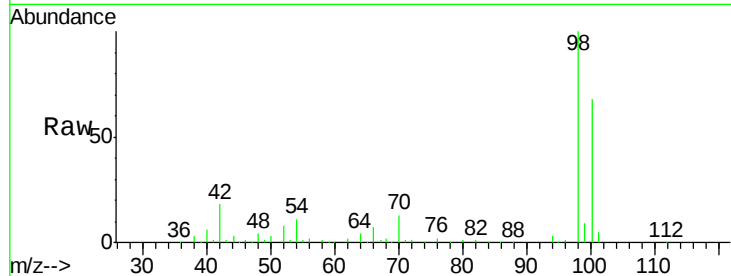




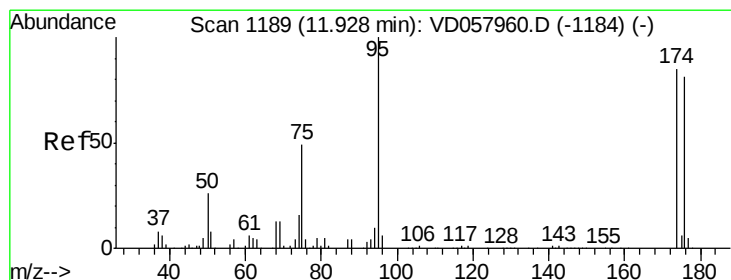
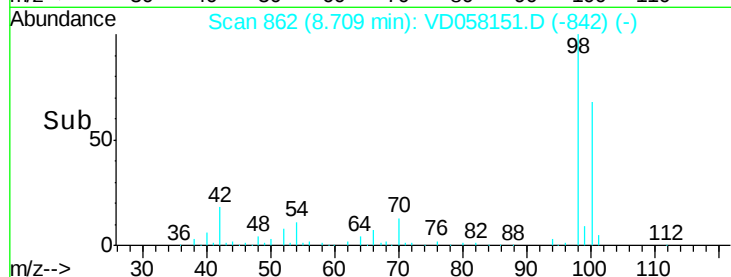
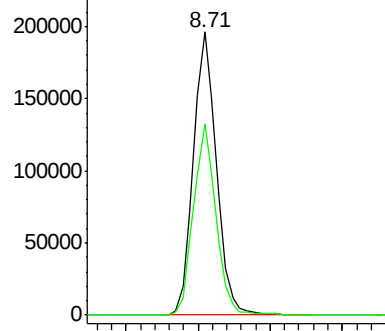
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.00 min
Lab File: VD058151.D
Acq: 14 Jun 2018 22:31

Instrument :
MSVOA_D
ClientSampleId :
HR-05-061318-C

Tot Ion: 98 Resp: 433115
Ion Ratio Lower Upper
98 100
100 67.7 53.4 80.0

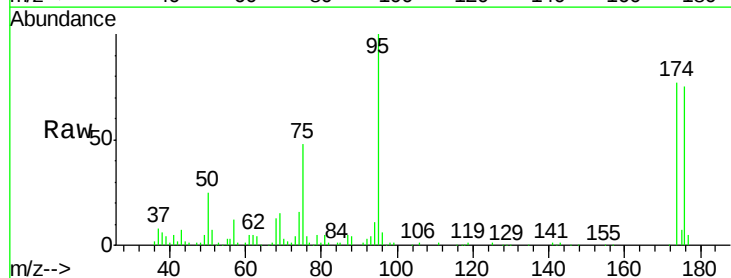


Abundance Ion 98.05 (97.75 to 98.75): VD058151.D (-842) (-)
Ion 100.05 (99.75 to 100.75): VD058151.D (-842) (-)

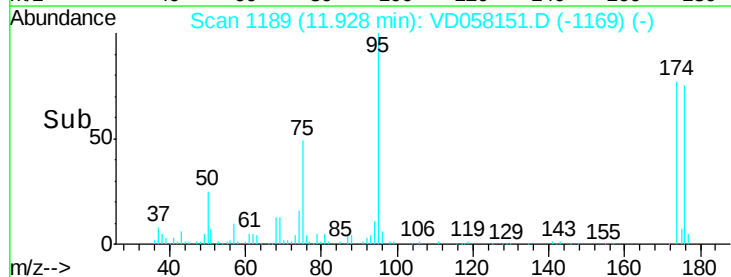
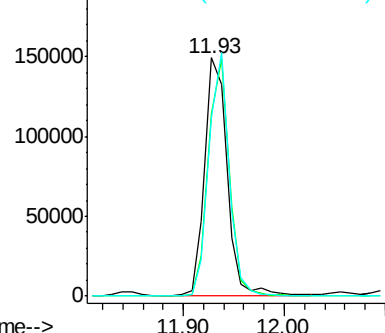


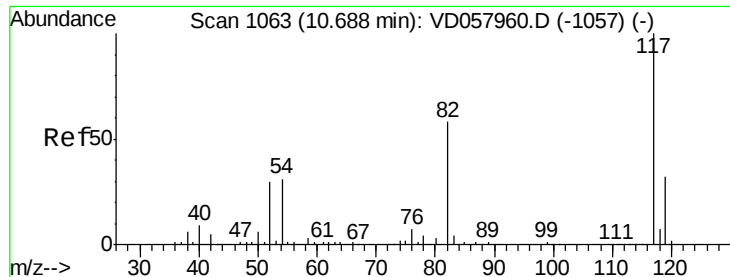
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD058151.D
Acq: 14 Jun 2018 22:31

Tgt Ion: 95 Resp: 232873
Ion Ratio Lower Upper
95 100
174 76.6 0.0 169.4
176 75.0 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD058151.D (-1169) (-)
Ion 173.90 (173.60 to 174.60): VD058151.D (-1169) (-)
Ion 175.90 (175.60 to 176.60): VD058151.D (-1169) (-)

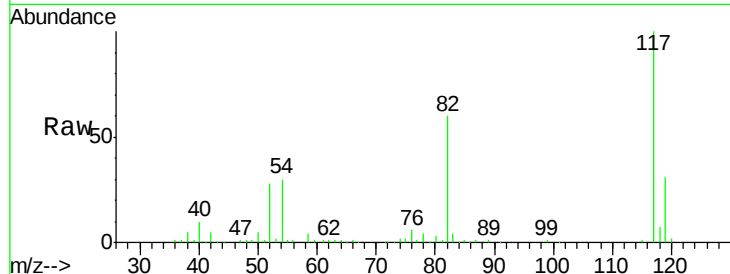




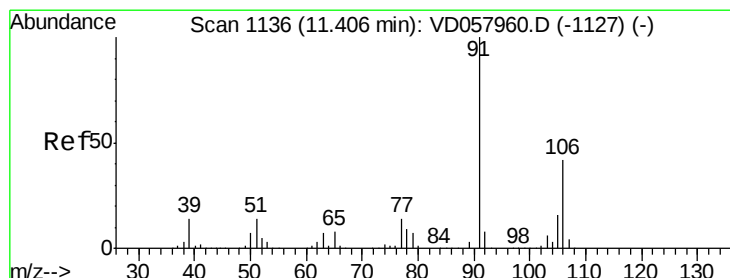
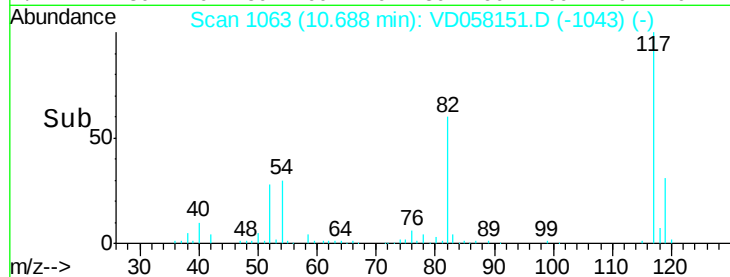
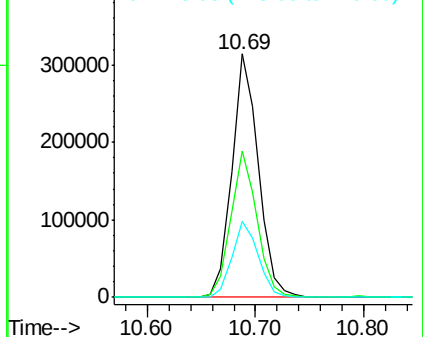
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD058151.D
Acq: 14 Jun 2018 22:31

Instrument :
MSVOA_D
ClientSampleId :
HR-05-061318-C

Tot Ion:117 Resp: 534472
Ion Ratio Lower Upper
117 100
82 60.4 46.8 70.2
119 31.4 25.8 38.6

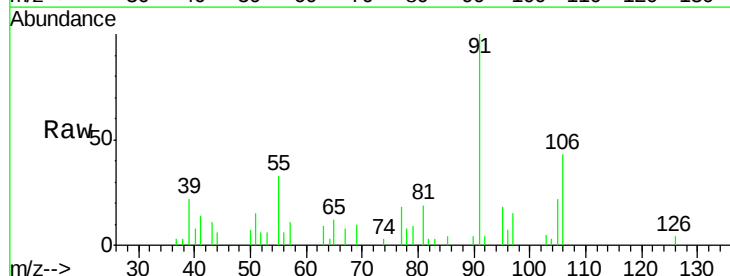


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

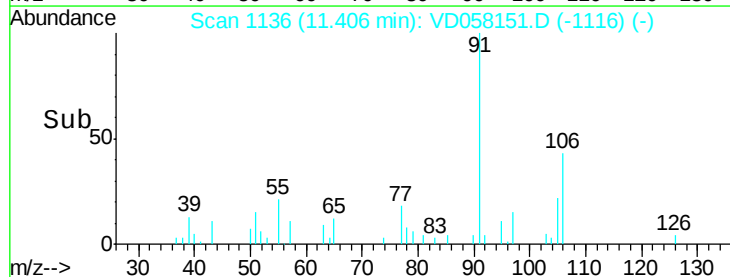
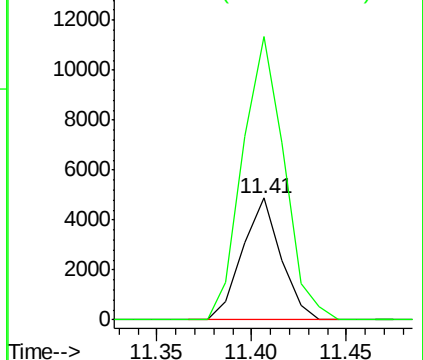


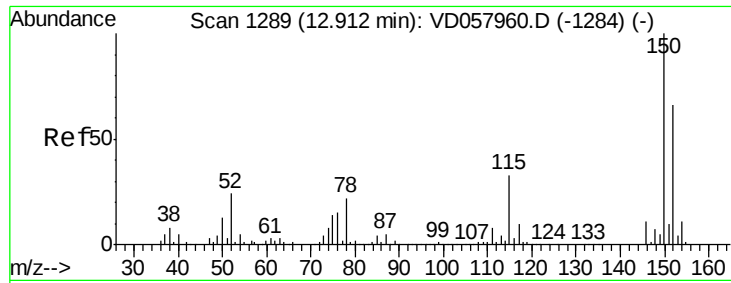
#69
o-Xylene
Concen: 1.090 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VD058151.D
Acq: 14 Jun 2018 22:31

Tgt Ion:106 Resp: 6894
Ion Ratio Lower Upper
106 100
91 232.2 120.6 361.7



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): 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: VD058151.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_D

ClientSampleId :

HR-05-061318-C

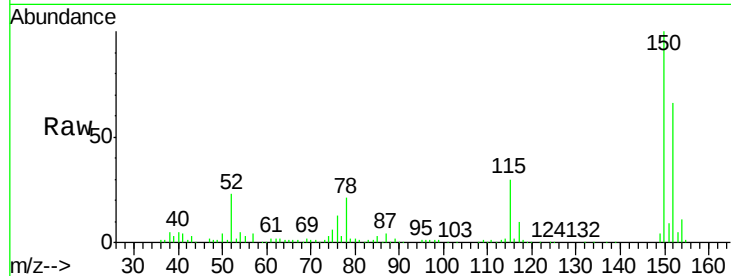
Tot Ion:152 Resp: 270419

Ion Ratio Lower Upper

152 100

115 45.5 25.6 76.6

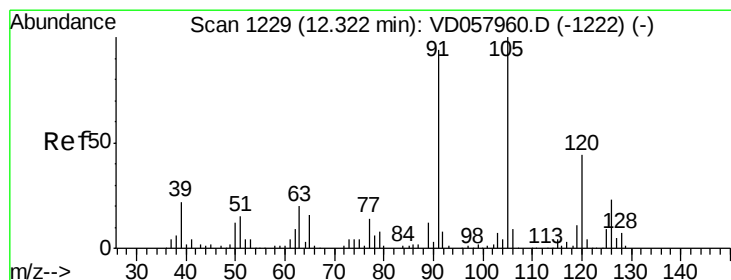
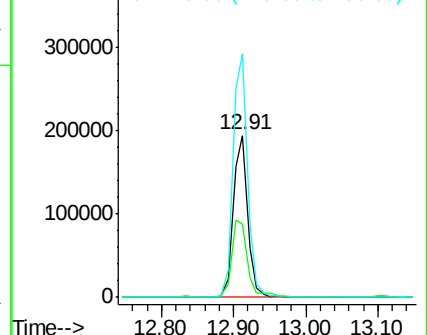
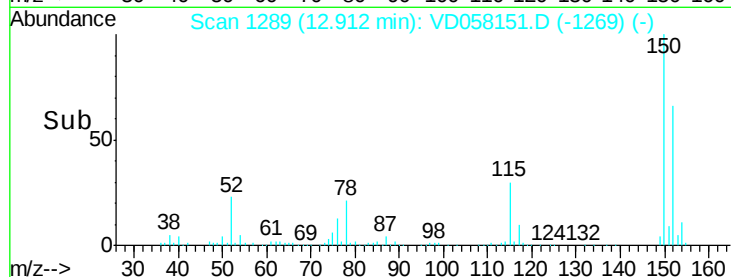
150 150.4 0.0 306.8



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



#80

1,3,5-Trimethylbenzene

Concen: 1.972 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VD058151.D

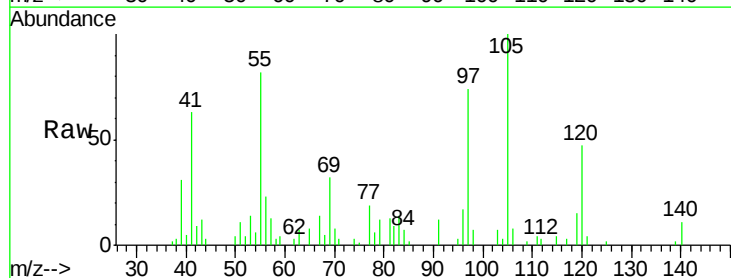
Acq: 14 Jun 2018 22:31

Tgt Ion:105 Resp: 27546

Ion Ratio Lower Upper

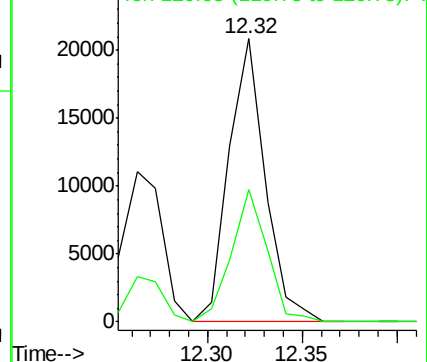
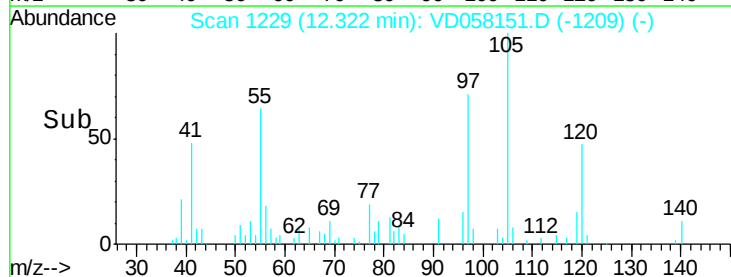
105 100

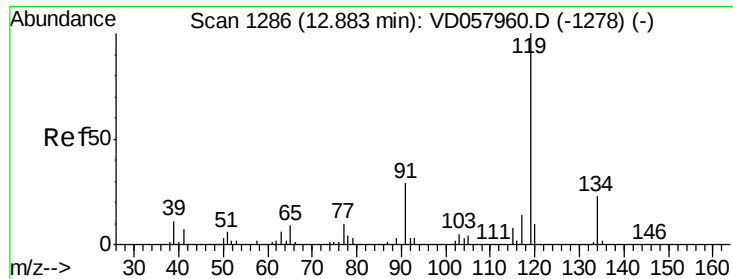
120 46.9 22.0 66.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#86

p-Isopropyltoluene

Concen: 1.749 ug/l

RT: 12.88 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VD058151.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_D

ClientSampleId :

HR-05-061318-C

Tot Ion:119 Resp: 26831

Ion Ratio Lower Upper

119 100

134 23.8 11.5 34.4

91 31.8 14.5 43.6

