

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058138.D
 Acq On : 14 Jun 2018 16:23
 Operator : VA/AP
 Sample : J3239-09
 Misc : 5.49g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-061318-A

Quant Time: Jun 15 07:08:11 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

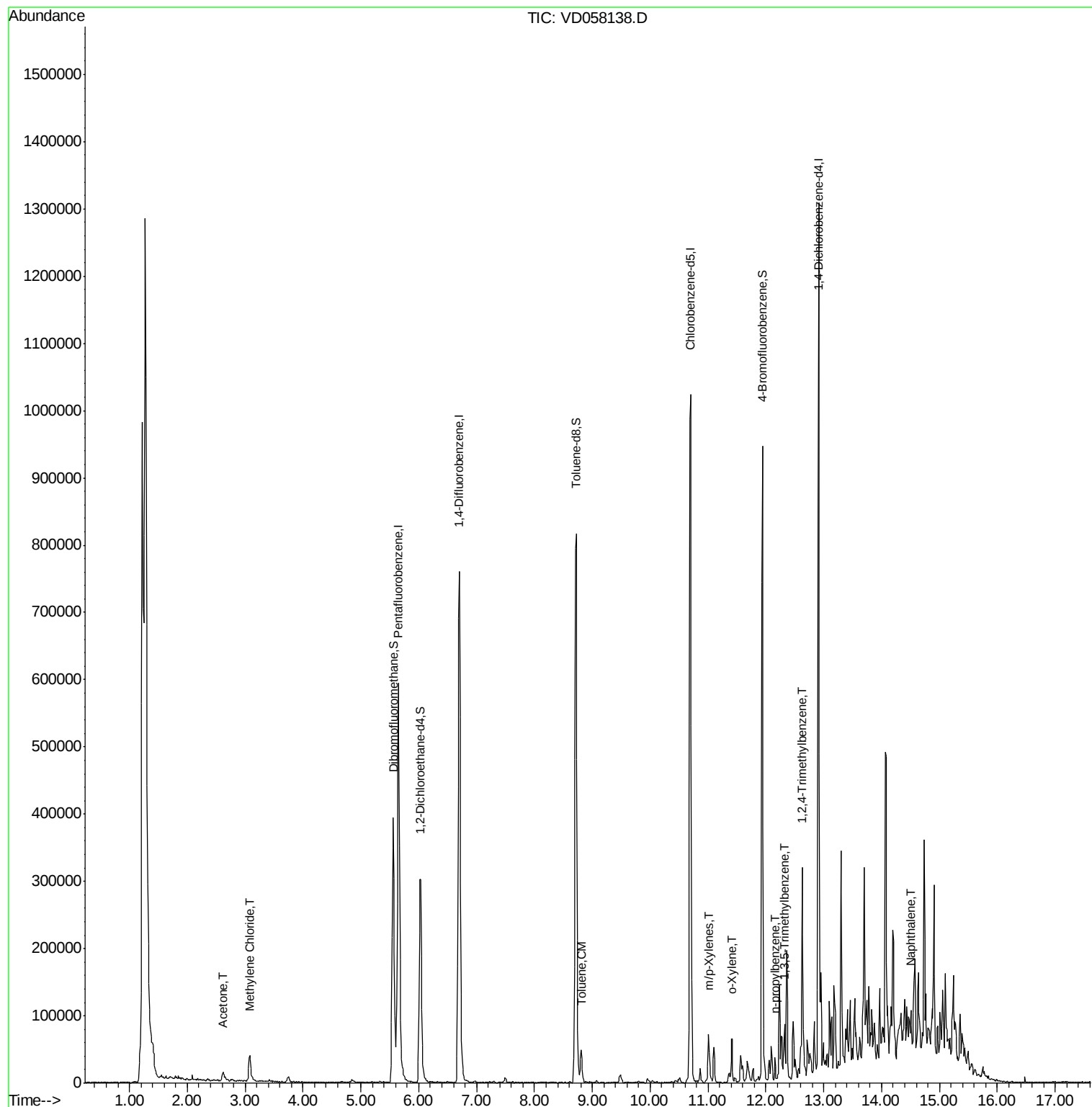
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	573519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	780959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	590805	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	262753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	307507	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
35) Dibromofluoromethane	5.56	113	309858	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	8.72	98	638469	44.44	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.88%	
62) 4-Bromofluorobenzene	11.94	95	247579	39.51	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.02%	
Target Compounds						
16) Acetone	2.62	43	27969	33.857	ug/l	98
20) Methylene Chloride	3.08	84	20204	2.647	ug/l #	88
52) Toluene	8.81	92	20822	1.805	ug/l	98
68) m/p-Xylenes	11.01	106	19808	2.812	ug/l	75
69) o-Xylene	11.42	106	12774	1.827	ug/l	96
78) n-propylbenzene	12.15	91	23301	1.029	ug/l	97
80) 1,3,5-Trimethylbenzene	12.32	105	27925	2.057	ug/l	94
84) 1,2,4-Trimethylbenzene	12.63	105	113980	7.811	ug/l	100
95) Naphthalene	14.52	128	16347	1.927	ug/l #	86

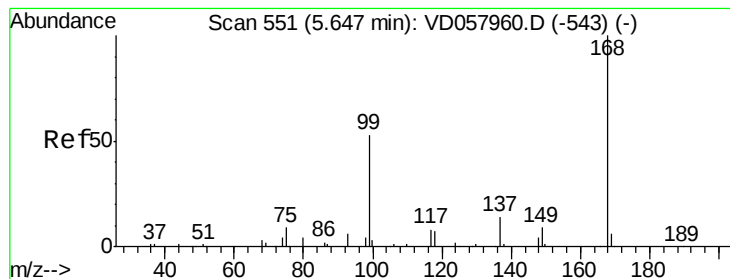
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061418\
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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: VD058138.D

Acq: 14 Jun 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

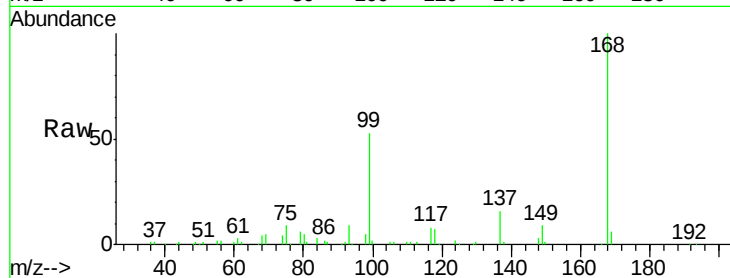
AU-06-061318-A

Tot Ion:168 Resp: 573519

Ion Ratio Lower Upper

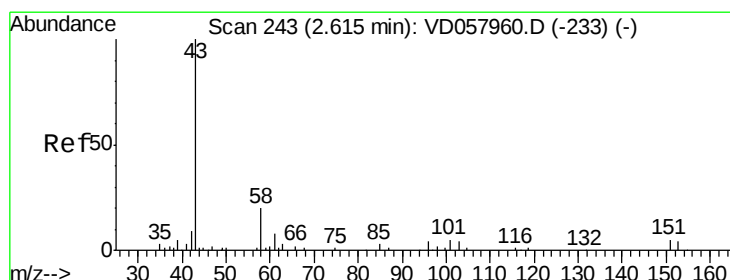
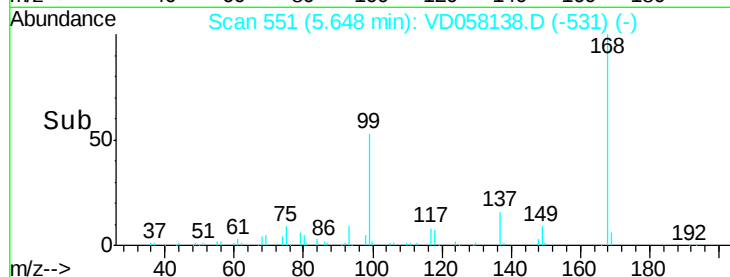
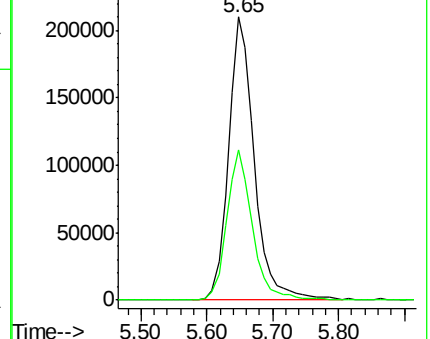
168 100

99 53.2 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: 33.857 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD058138.D

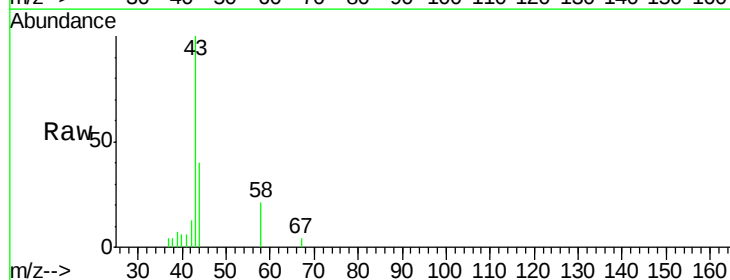
Acq: 14 Jun 2018 16:23

Tgt Ion: 43 Resp: 27969

Ion Ratio Lower Upper

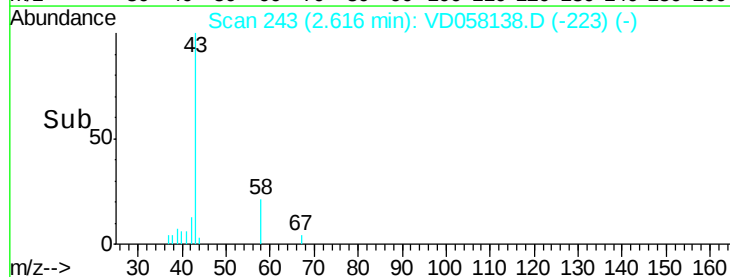
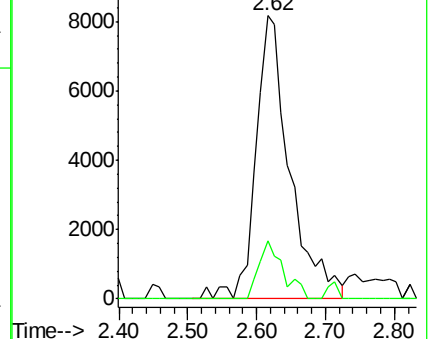
43 100

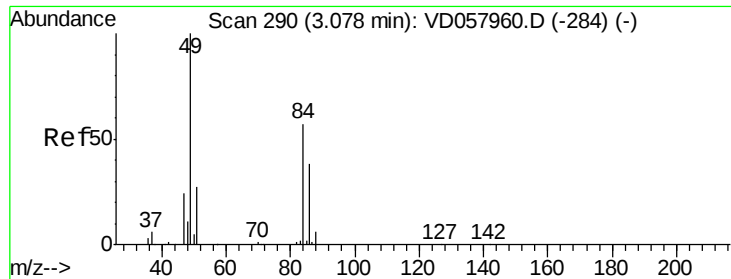
58 20.7 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 2.647 ug/l

RT: 3.08 min Scan# 290

Delta R.T. 0.00 min

Lab File: VD058138.D

Acq: 14 Jun 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

AU-06-061318-A

Tot Ion: 84 Resp: 20204

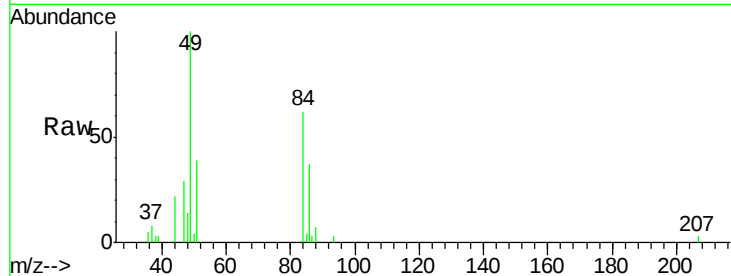
Ion Ratio Lower Upper

84 100

49 161.4 141.4 212.0

51 62.7 38.3 57.5#

86 59.0 52.9 79.3

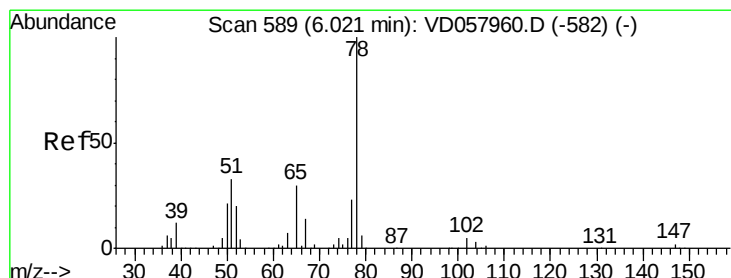
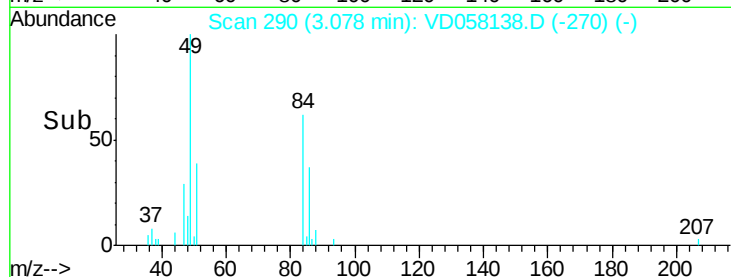
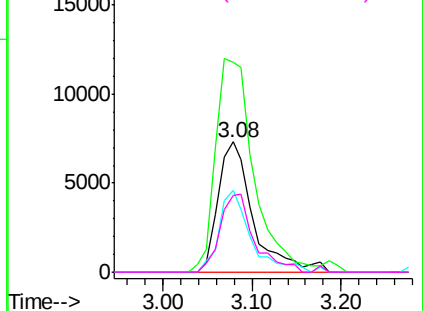


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: VD058138.D

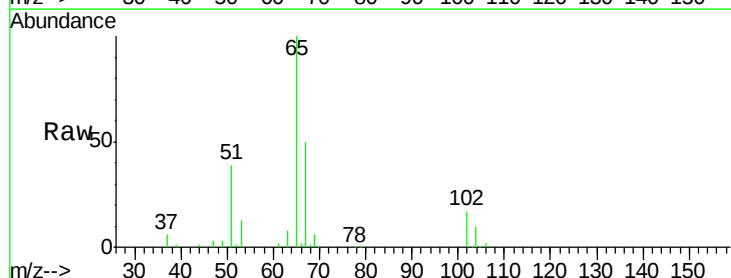
Acq: 14 Jun 2018 16:23

Tgt Ion: 65 Resp: 307507

Ion Ratio Lower Upper

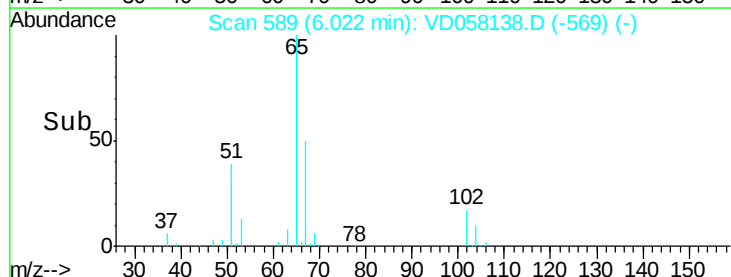
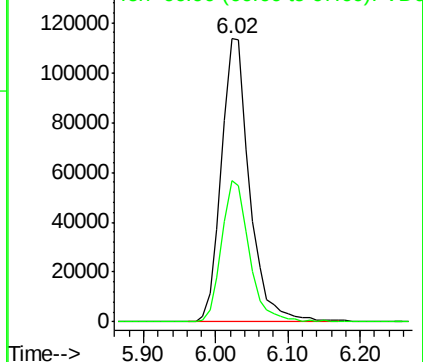
65 100

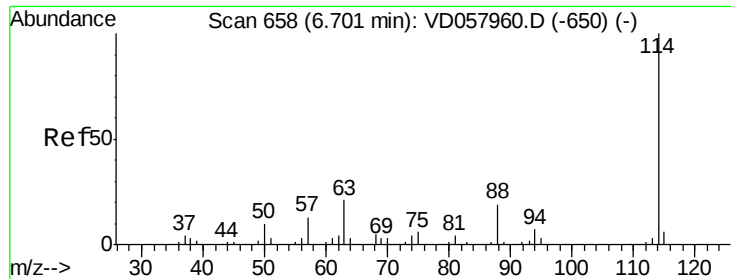
67 49.8 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

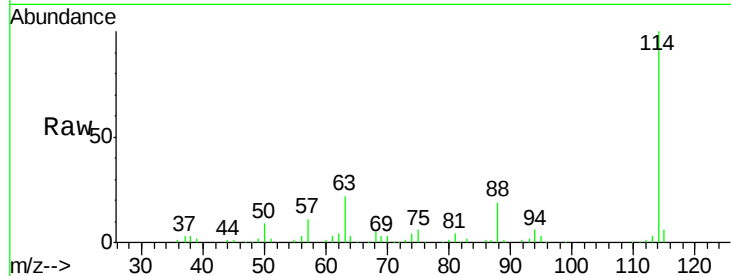




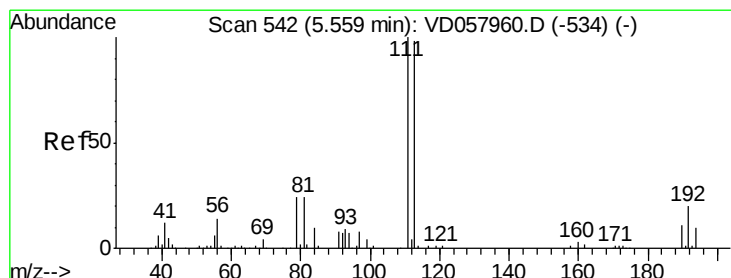
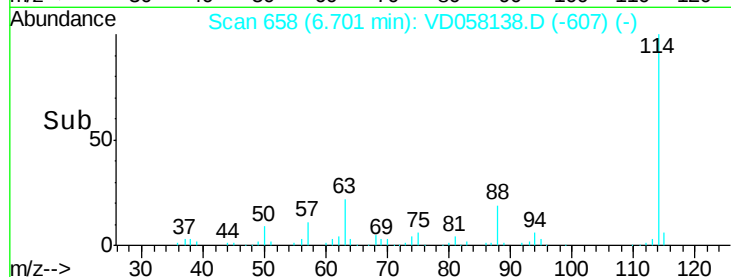
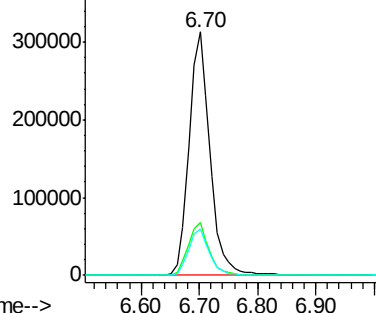
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VD058138.D
 Acq: 14 Jun 2018 16:23

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-061318-A

Tot Ion:114 Resp: 780959
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 19.0 0.0 37.8

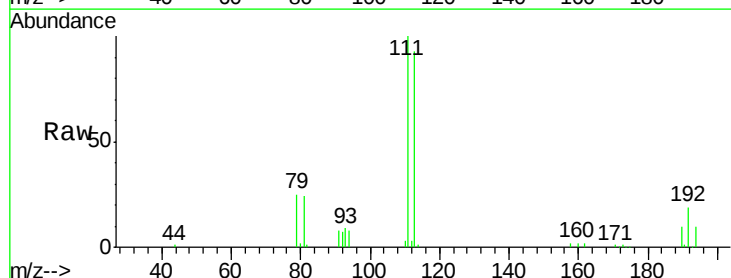


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

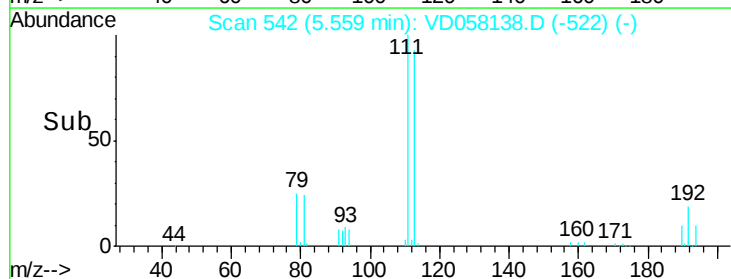
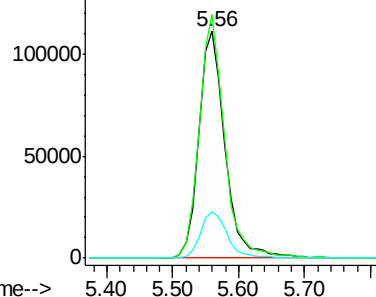


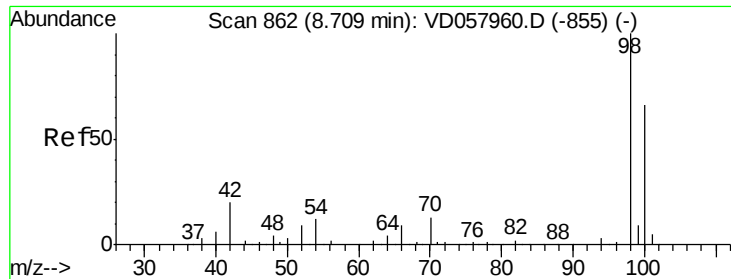
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: VD058138.D
 Acq: 14 Jun 2018 16:23

Tgt Ion:113 Resp: 309858
 Ion Ratio Lower Upper
 113 100
 111 107.6 81.5 122.3
 192 20.3 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

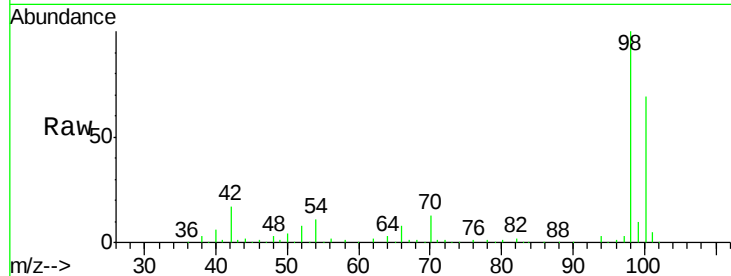




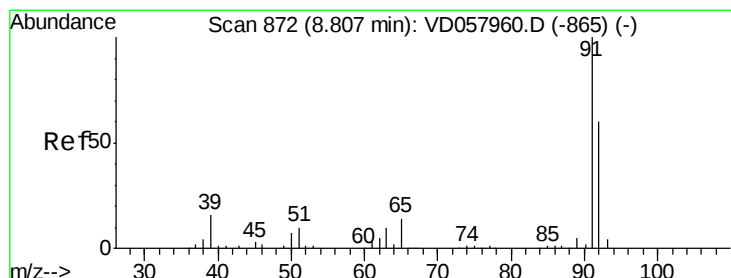
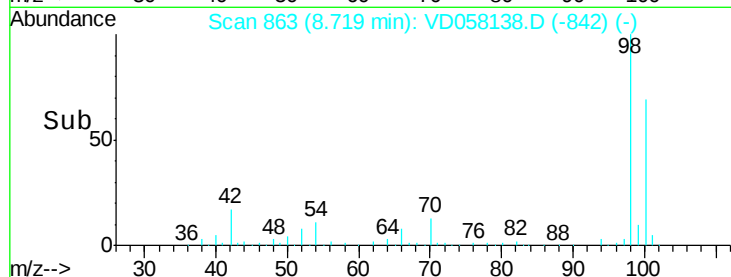
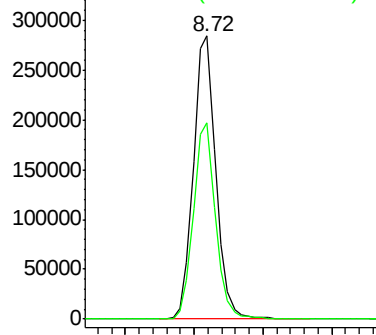
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Instrument :
MSVOA_D
ClientSampleId :
AU-06-061318-A

Tot Ion: 98 Resp: 638469
Ion Ratio Lower Upper
98 100
100 69.2 53.4 80.0

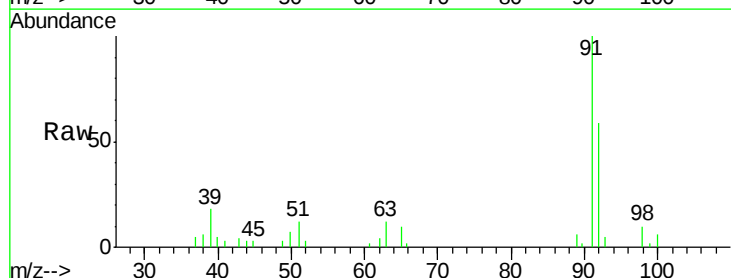


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

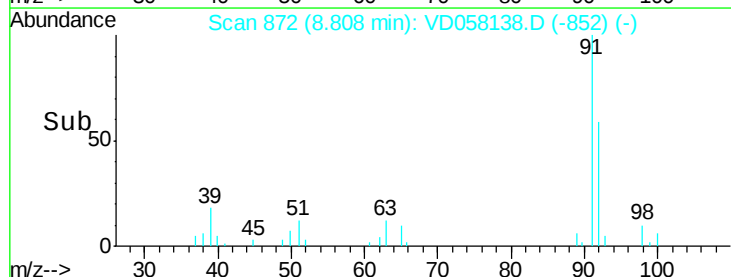
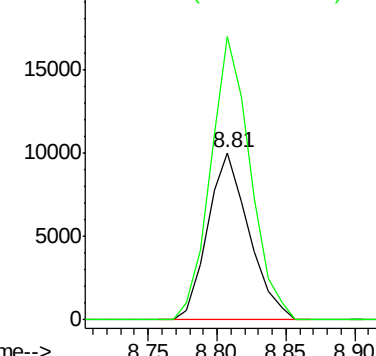


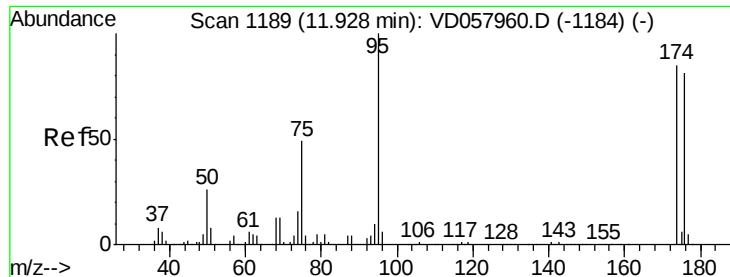
#52
Toluene
Concen: 1.805 ug/l
RT: 8.81 min Scan# 872
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Tgt Ion: 92 Resp: 20822
Ion Ratio Lower Upper
92 100
91 169.0 133.0 199.6



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058138.D

Acq: 14 Jun 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

AU-06-061318-A

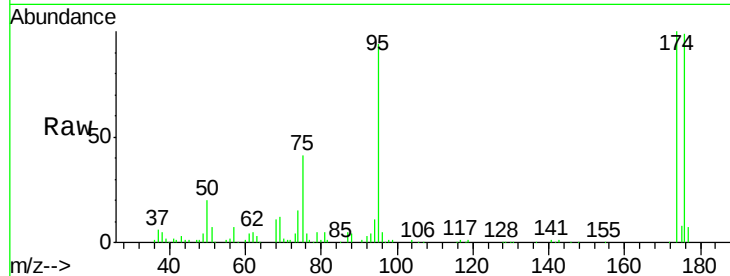
Tot Ion: 95 Resp: 247579

Ion Ratio Lower Upper

95 100

174 105.8 0.0 169.4

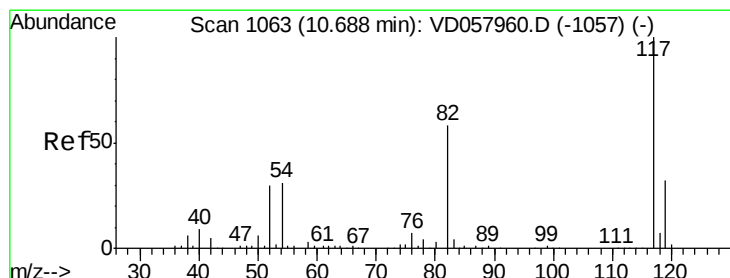
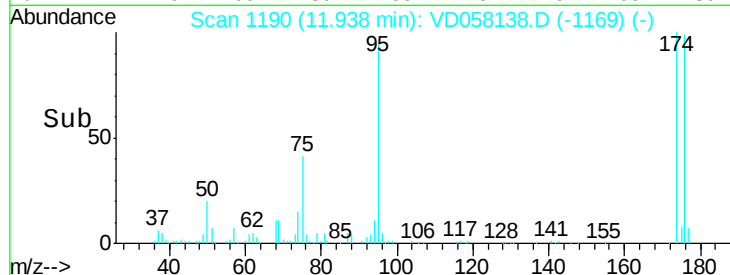
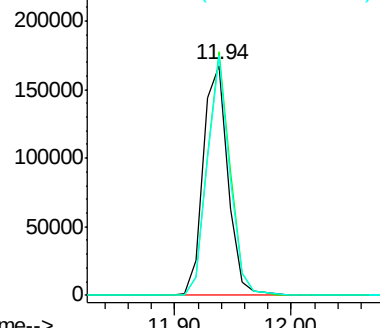
176 104.3 0.0 162.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058138.D

Acq: 14 Jun 2018 16:23

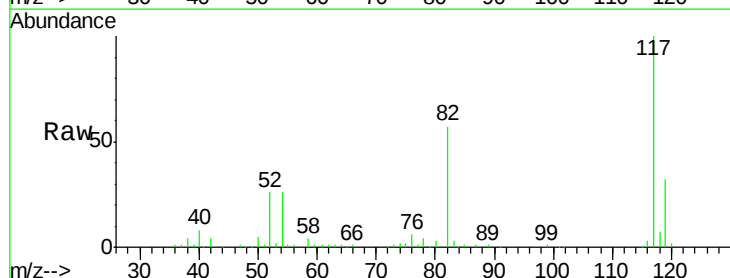
Tgt Ion: 117 Resp: 590805

Ion Ratio Lower Upper

117 100

82 56.7 46.8 70.2

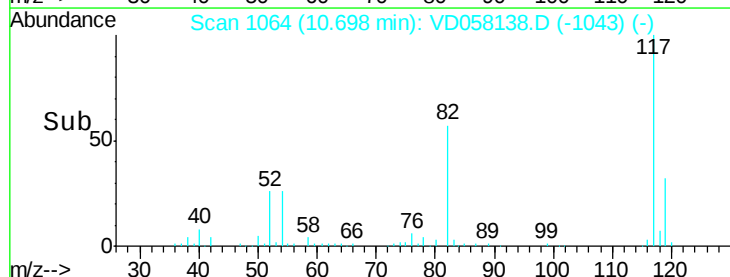
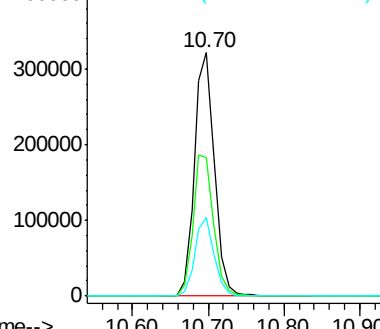
119 32.4 25.8 38.6

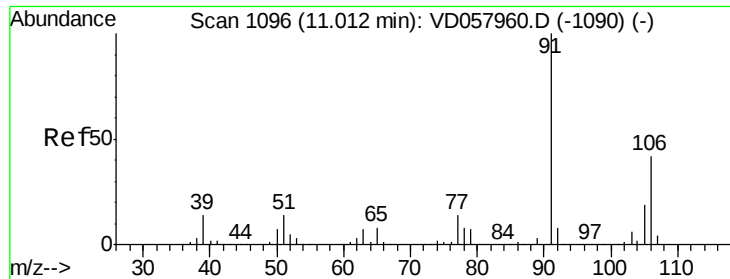


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

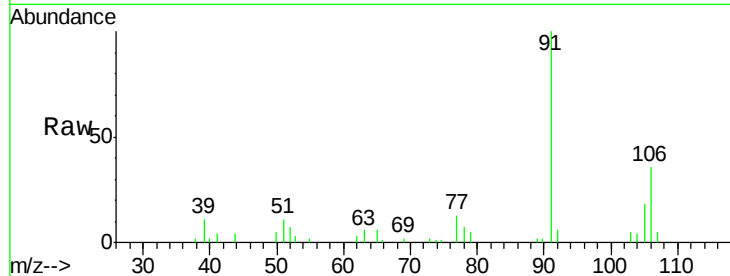




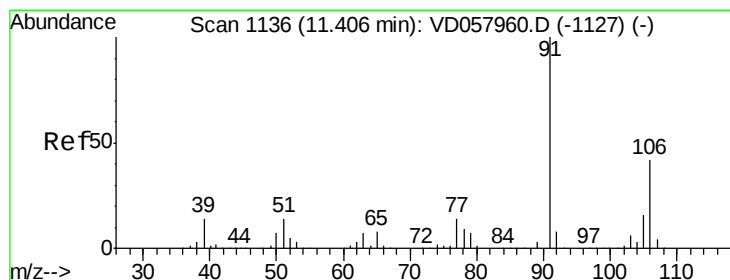
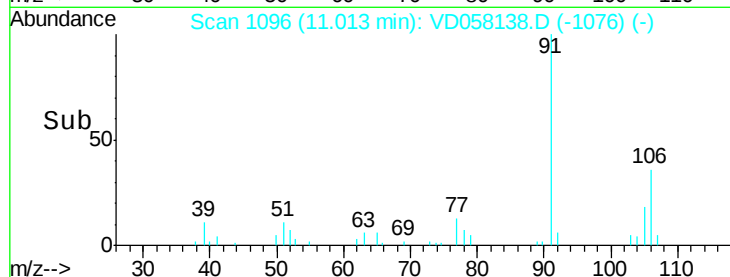
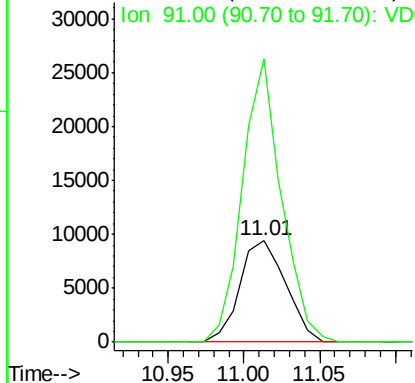
#68
m/p-Xylenes
Concen: 2.812 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Instrument :
MSVOA_D
ClientSampleId :
AU-06-061318-A

Tot Ion:106 Resp: 19808
Ion Ratio Lower Upper
106 100
91 279.8 190.4 285.6

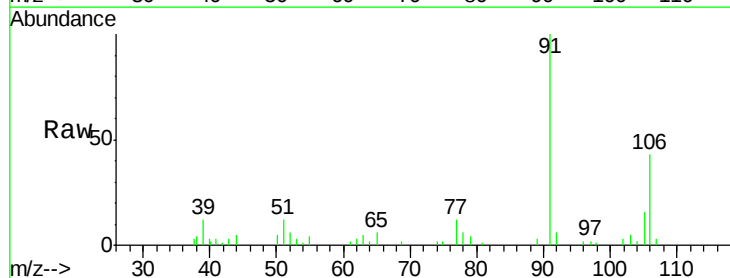


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

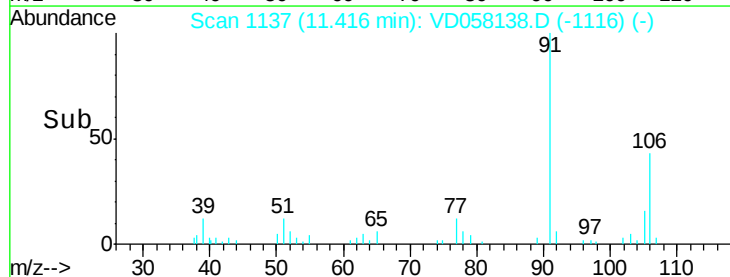
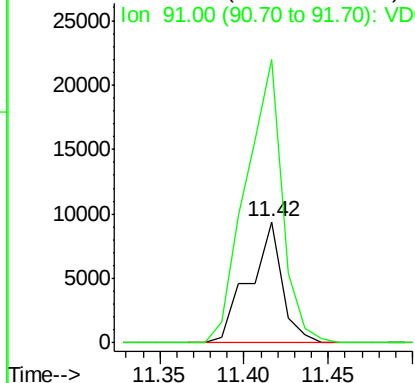


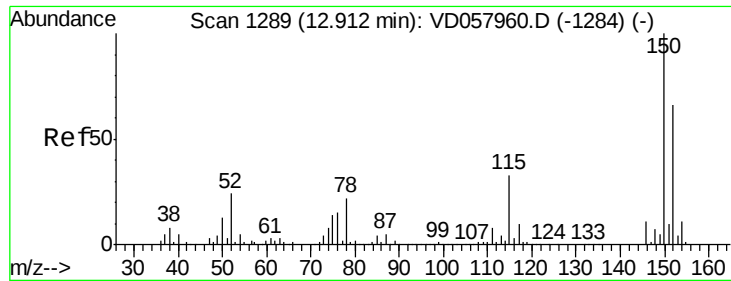
#69
o-Xylene
Concen: 1.827 ug/l
RT: 11.42 min Scan# 1137
Delta R.T. 0.01 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Tgt Ion:106 Resp: 12774
Ion Ratio Lower Upper
106 100
91 233.4 120.6 361.7



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058138.D

Acq: 14 Jun 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

AU-06-061318-A

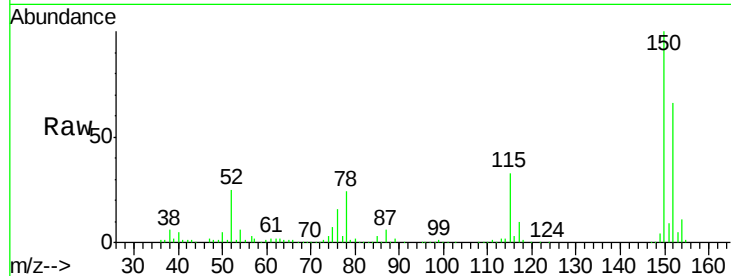
Tot Ion:152 Resp: 262753

Ion Ratio Lower Upper

152 100

115 50.3 25.6 76.6

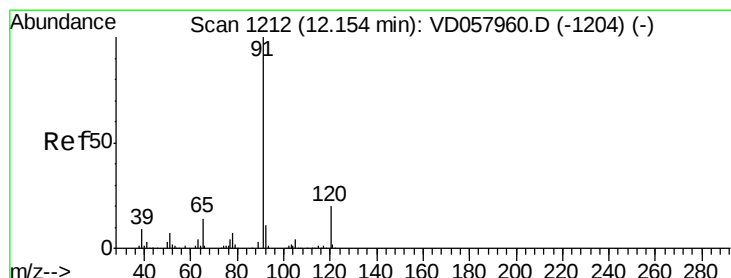
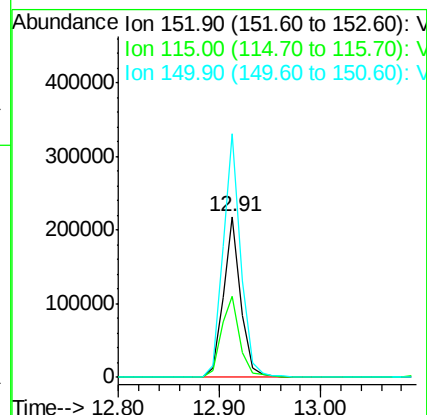
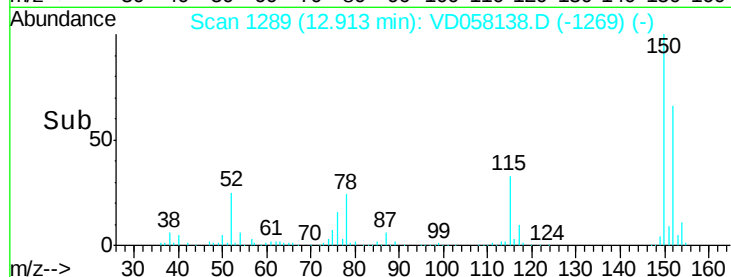
150 151.4 0.0 306.8



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



#78

n-propylbenzene

Concen: 1.029 ug/l

RT: 12.15 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VD058138.D

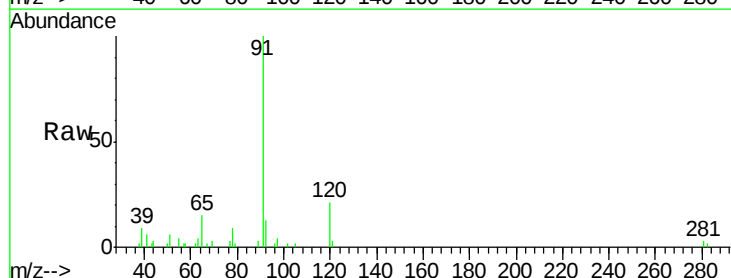
Acq: 14 Jun 2018 16:23

Tgt Ion: 91 Resp: 23301

Ion Ratio Lower Upper

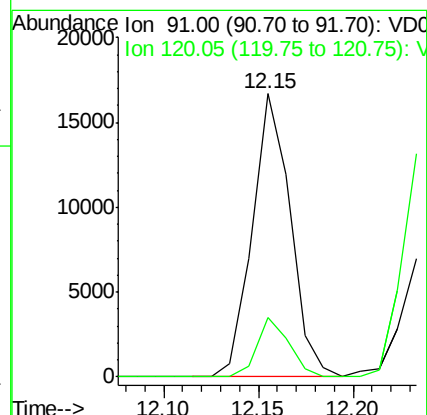
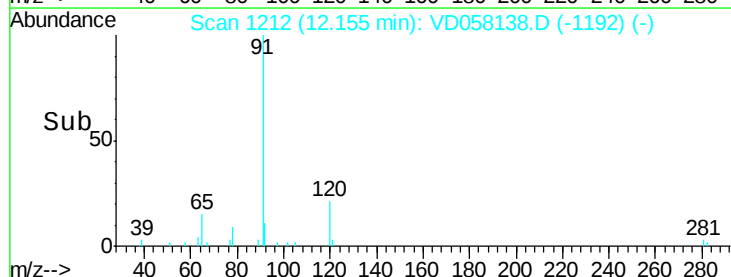
91 100

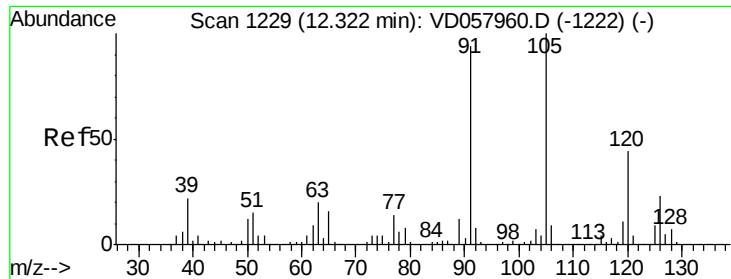
120 21.1 9.8 29.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#80

1,3,5-Trimethylbenzene

Concen: 2.057 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VD058138.D

Acq: 14 Jun 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

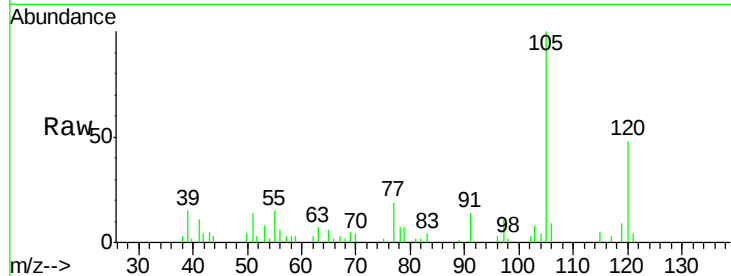
AU-06-061318-A

Tot Ion:105 Resp: 27925

Ion Ratio Lower Upper

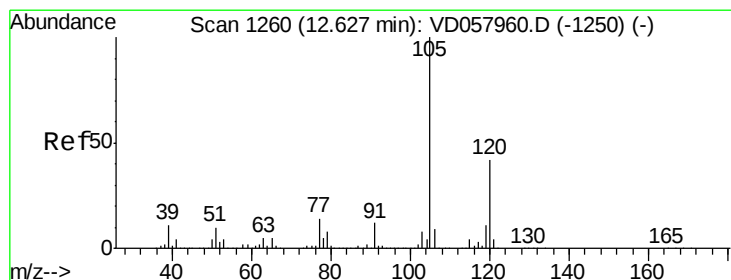
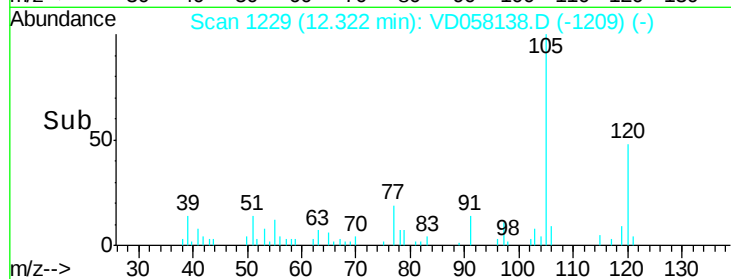
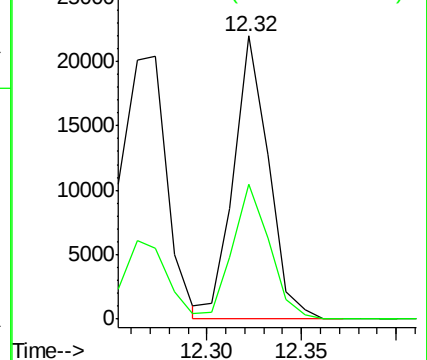
105 100

120 47.8 22.0 66.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#84

1,2,4-Trimethylbenzene

Concen: 7.811 ug/l

RT: 12.63 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VD058138.D

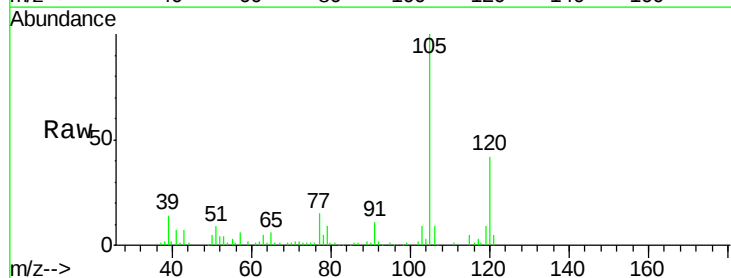
Acq: 14 Jun 2018 16:23

Tgt Ion:105 Resp: 113980

Ion Ratio Lower Upper

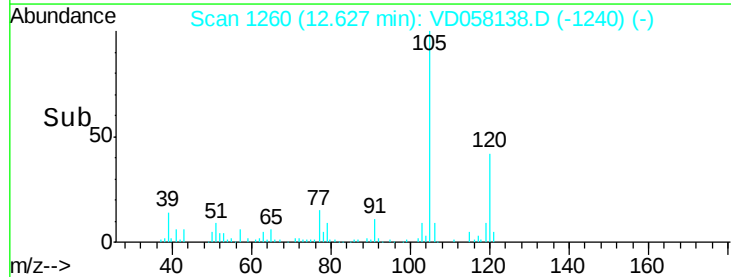
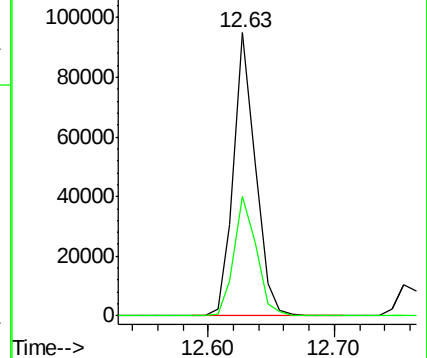
105 100

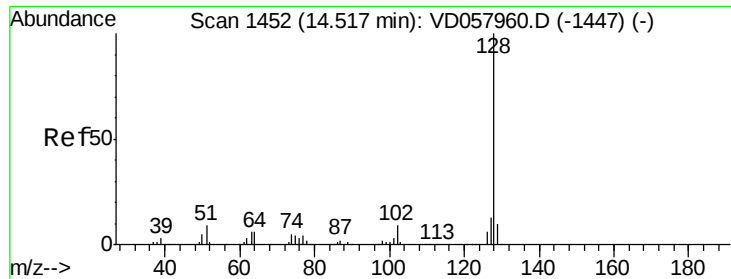
120 42.4 21.2 63.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#95

Naphthalene

Concen: 1.927 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VD058138.D

Acq: 14 Jun 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

AU-06-061318-A

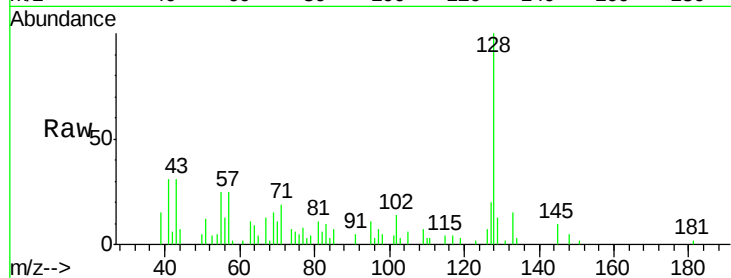
Tot Ion:128 Resp: 16347

Ion Ratio Lower Upper

128 100

127 20.1 10.2 15.2#

129 13.3 8.2 12.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

