

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD058008.D
 Acq On : 8 Jun 2018 10:10
 Operator : JC/SY
 Sample : J3357-03
 Misc : 6.79g/5ml/MSVOA D/SOIL
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB45(0-5)

Quant Time: Jun 08 11:11:54 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	5.64	168	723398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	987366	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	756645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	346967	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	360305	49.82	ug/l	0.00
Spiked Amount						
			Recovery	=		99.64%
35) Dibromofluoromethane	5.54	113	379286	49.65	ug/l	-0.02
Spiked Amount						
			Recovery	=		99.30%
50) Toluene-d8	8.70	98	841282	46.32	ug/l	0.00
Spiked Amount						
			Recovery	=		92.64%
62) 4-Bromofluorobenzene	11.92	95	336232	42.44	ug/l	0.00
Spiked Amount						
			Recovery	=		84.88%

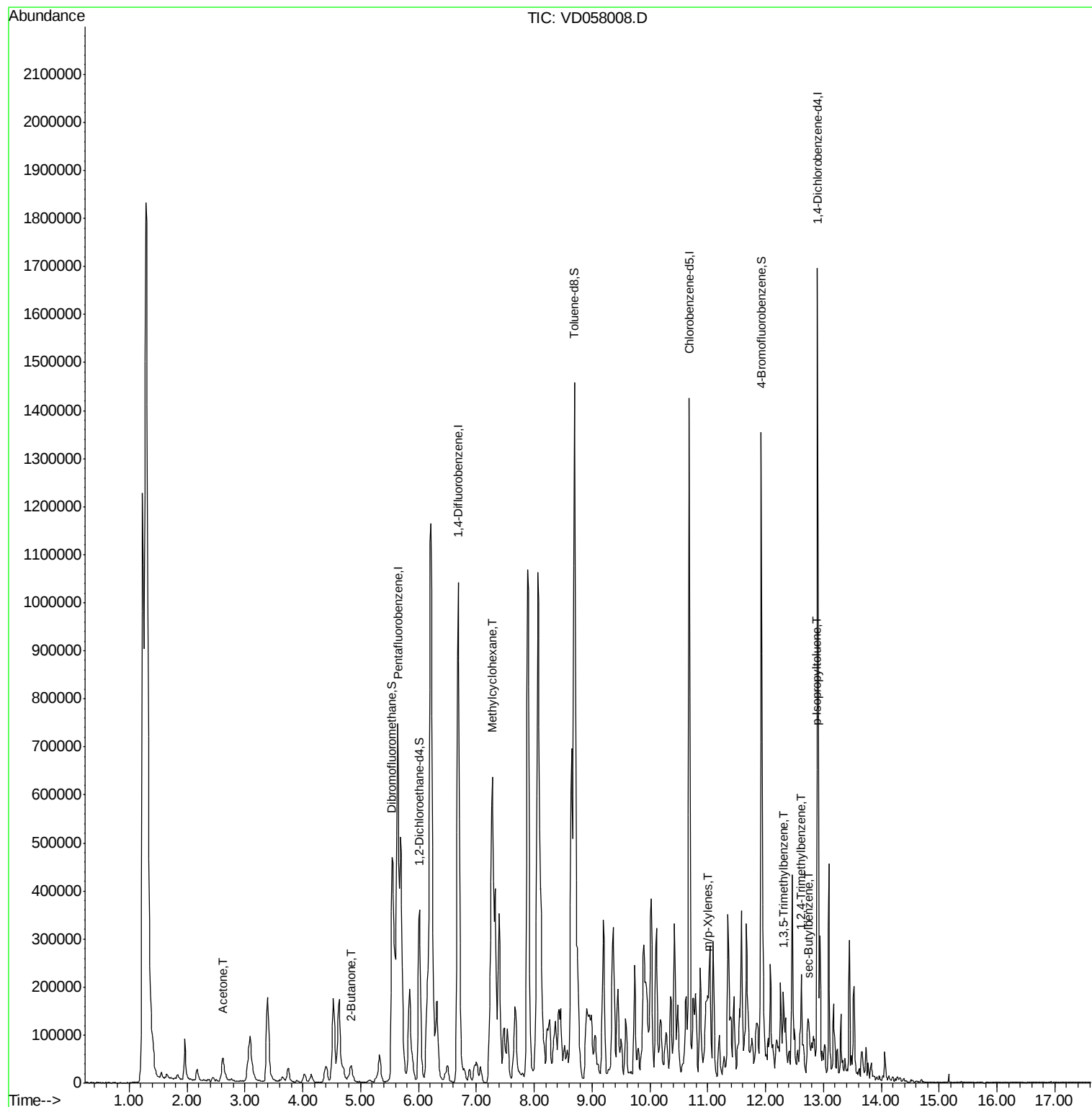
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.62	43	117065	112.351	ug/l	100
25) 2-Butanone	4.84	43	51327	21.675	ug/l	95
39) Methylcyclohexane	7.28	83	328859	30.496	ug/l	95
68) m/p-Xylenes	11.01	106	25118	2.784	ug/l	84
80) 1,3,5-Trimethylbenzene	12.31	105	46780	2.610	ug/l	93
84) 1,2,4-Trimethylbenzene	12.61	105	69289	3.596	ug/l	97
85) sec-Butylbenzene	12.75	105	42188	1.727	ug/l	100
86) p-Isopropyltoluene	12.88	119	31857	1.618	ug/l	96

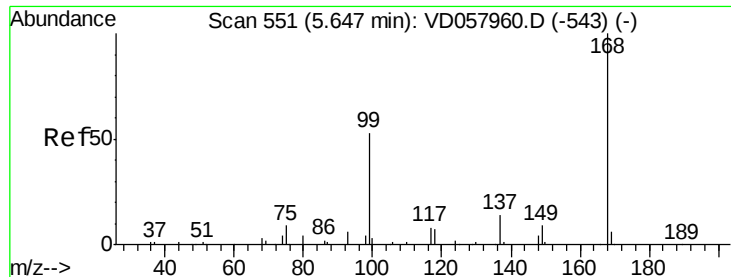
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060718\
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Quant Time: Jun 08 11:11:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
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: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058008.D

Acq: 8 Jun 2018 10:10

Instrument :

MSVOA_D

ClientSampleId :

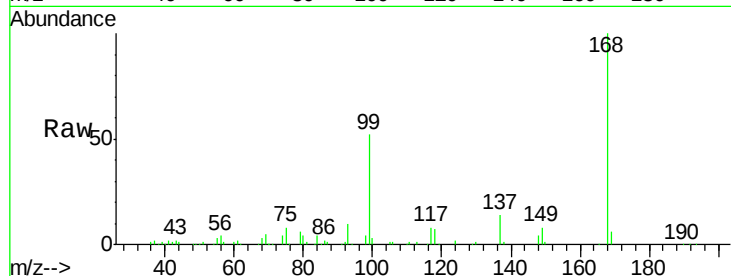
SB45(0-5)

Tot Ion:168 Resp: 723398

Ion Ratio Lower Upper

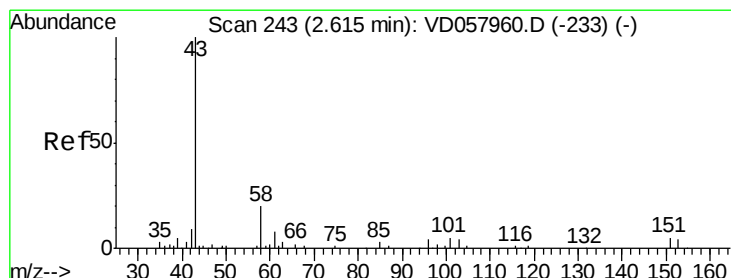
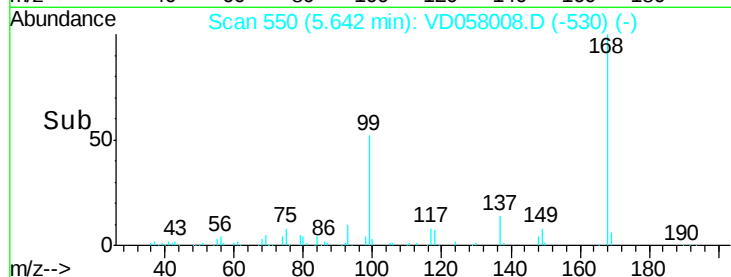
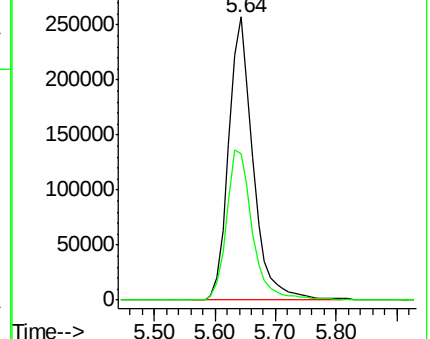
168 100

99 51.9 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: 112.351 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD058008.D

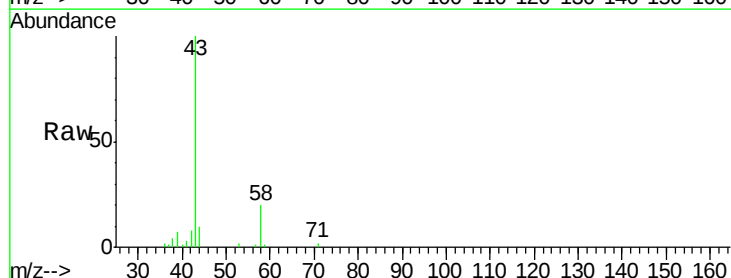
Acq: 8 Jun 2018 10:10

Tgt Ion: 43 Resp: 117065

Ion Ratio Lower Upper

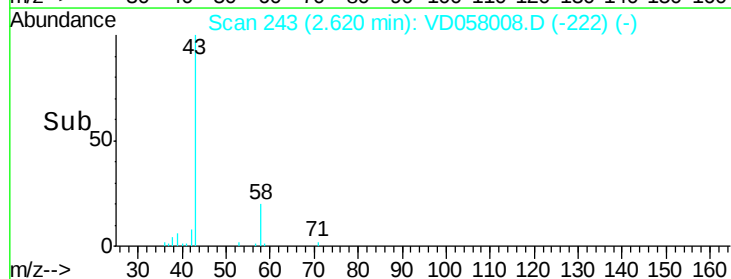
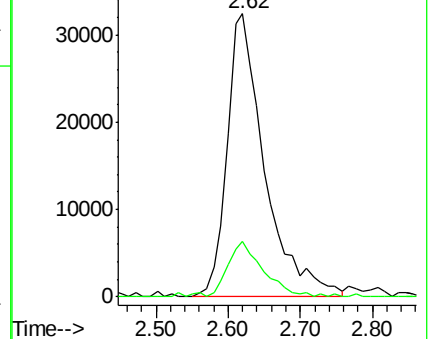
43 100

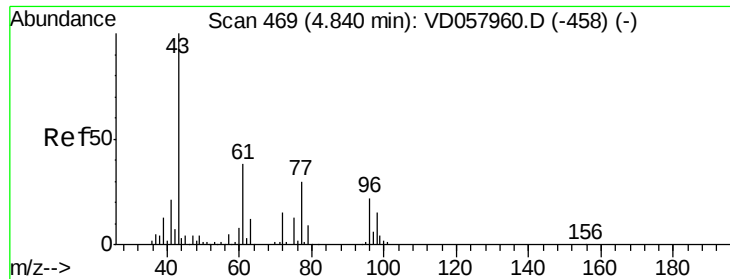
58 19.8 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 21.675 ug/l

RT: 4.84 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD058008.D

Acq: 8 Jun 2018 10:10

Instrument :

MSVOA_D

ClientSampleId :

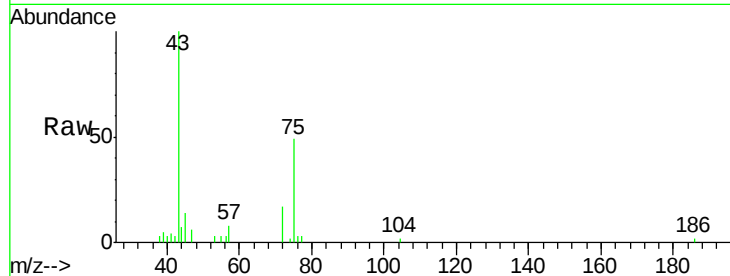
SB45(0-5)

Tot Ion: 43 Resp: 51327

Ion Ratio Lower Upper

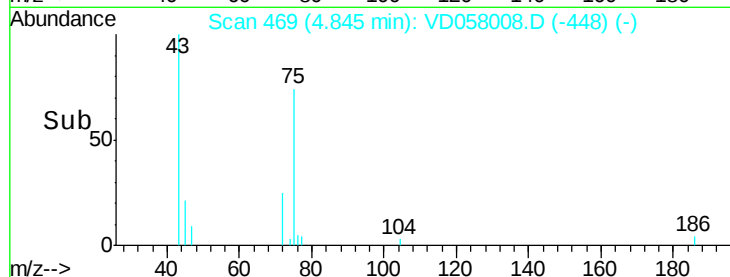
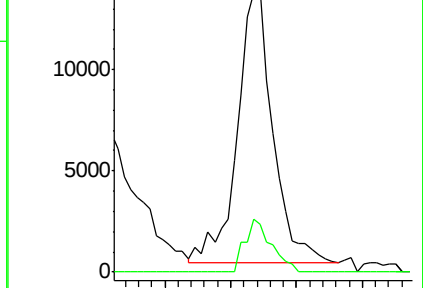
43 100

72 16.9 12.0 18.0

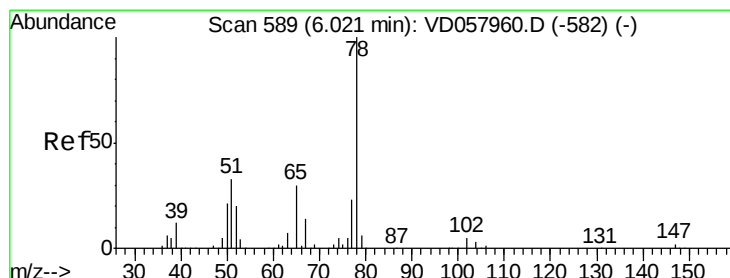


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058008.D

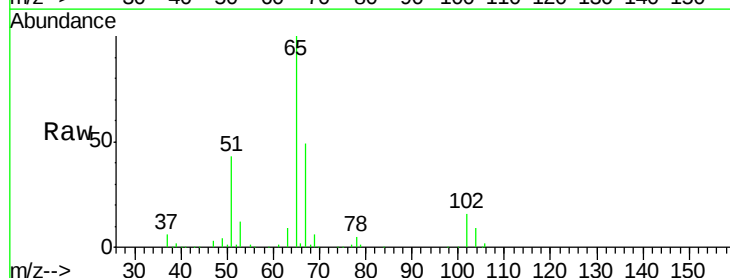
Acq: 8 Jun 2018 10:10

Tgt Ion: 65 Resp: 360305

Ion Ratio Lower Upper

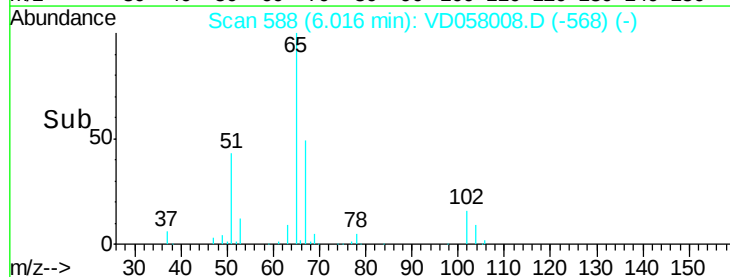
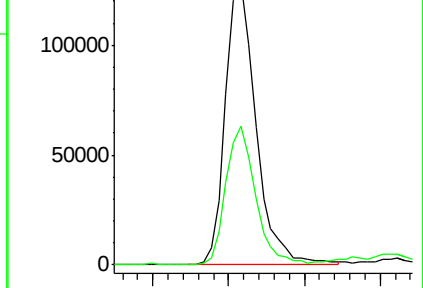
65 100

67 49.2 0.0 94.0

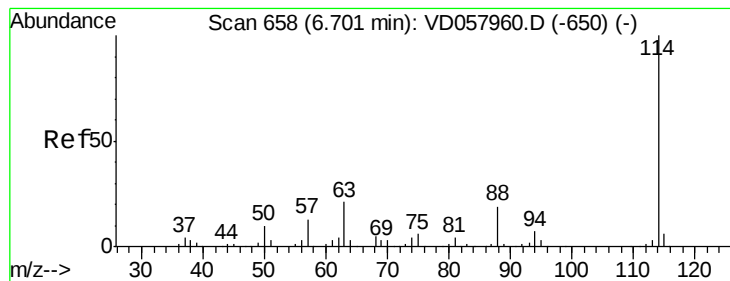


Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.69 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD058008.D

Acq: 8 Jun 2018 10:10

Instrument :

MSVOA_D

ClientSampled :

SB45(0-5)

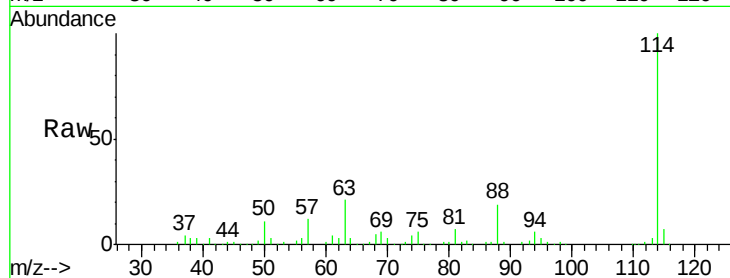
Tot Ion:114 Resp: 987366

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.8

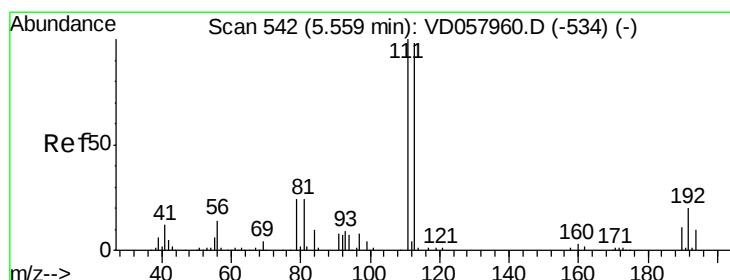
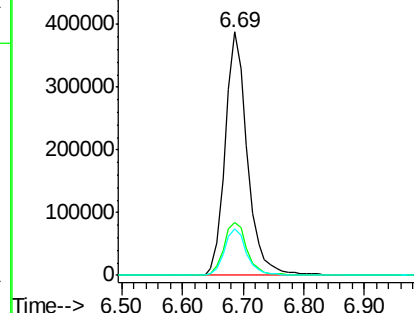
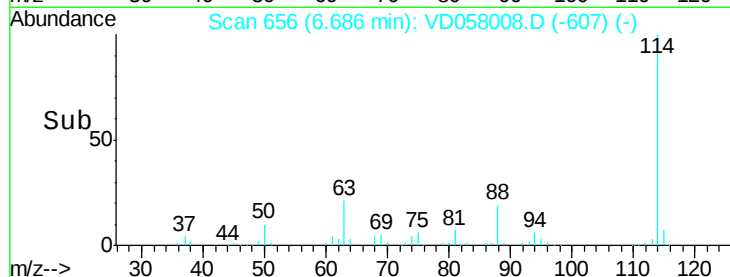
88 19.0 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058008.D

Acq: 8 Jun 2018 10:10

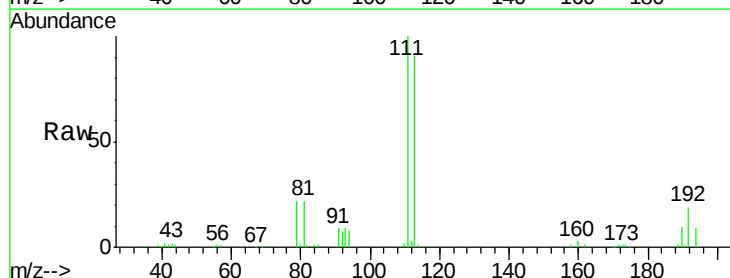
Tgt Ion:113 Resp: 379286

Ion Ratio Lower Upper

113 100

111 109.7 81.5 122.3

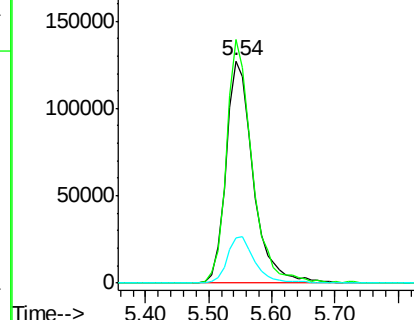
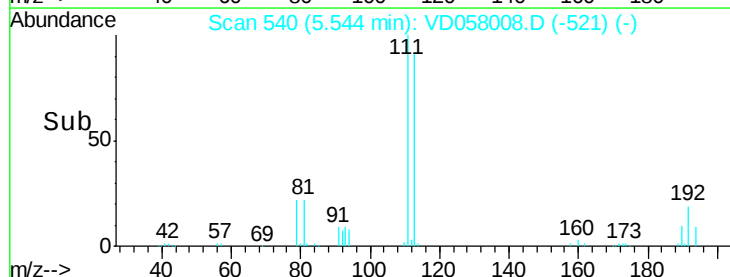
192 20.4 16.4 24.6

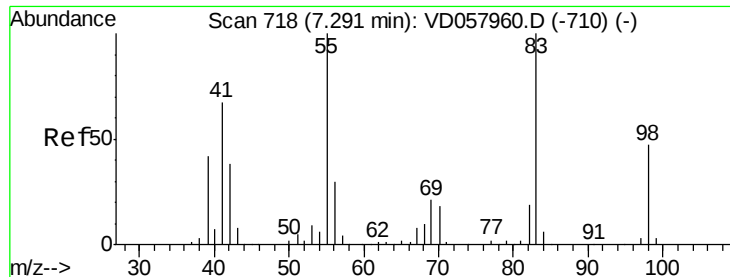


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

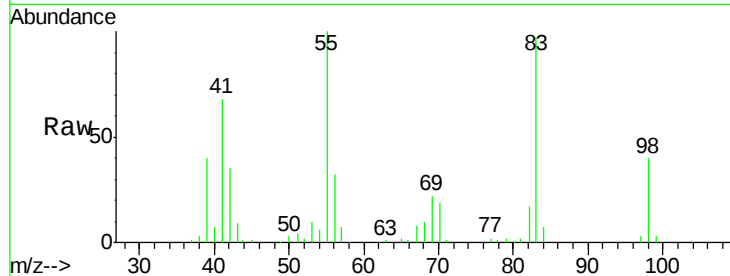




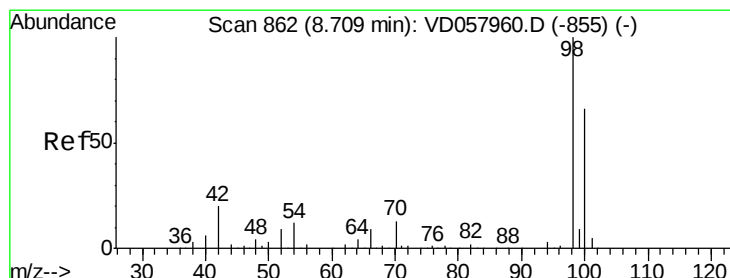
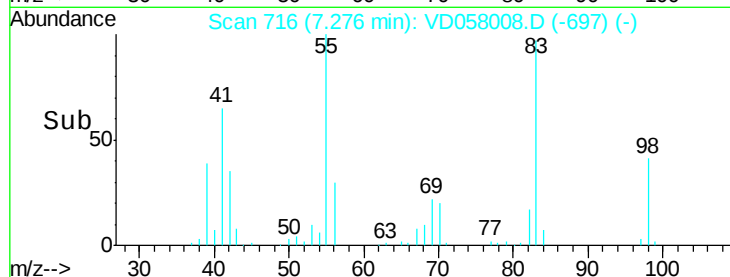
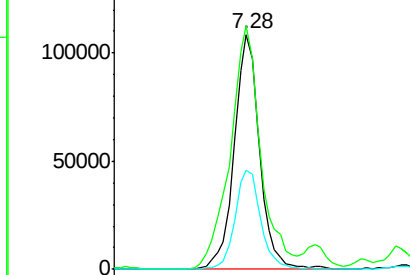
#39
Methylcyclohexane
Concen: 30.496 ug/l
RT: 7.28 min Scan# 716
Delta R.T. -0.02 min
Lab File: VD058008.D
Acq: 8 Jun 2018 10:10

Instrument :
MSVOA_D
ClientSampleId :
SB45(0-5)

Tot Ion: 83 Resp: 328859
Ion Ratio Lower Upper
83 100
55 103.5 80.3 120.5
98 41.9 38.0 57.0

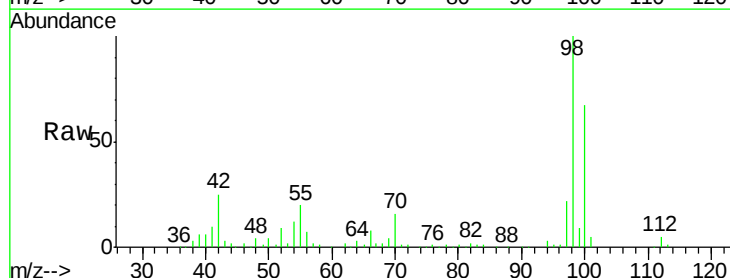


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

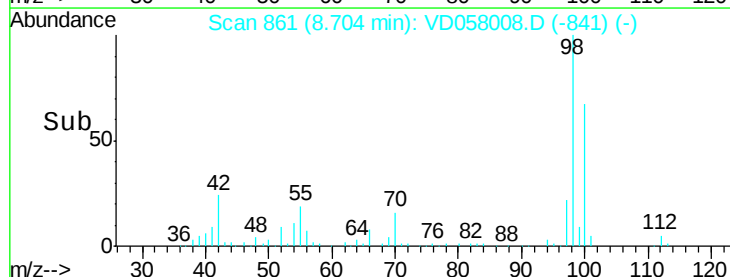
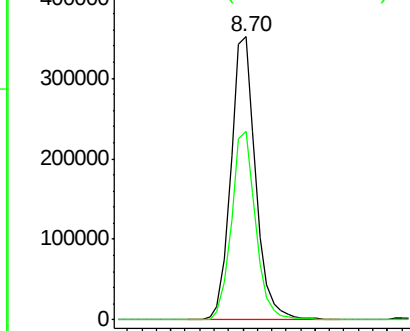


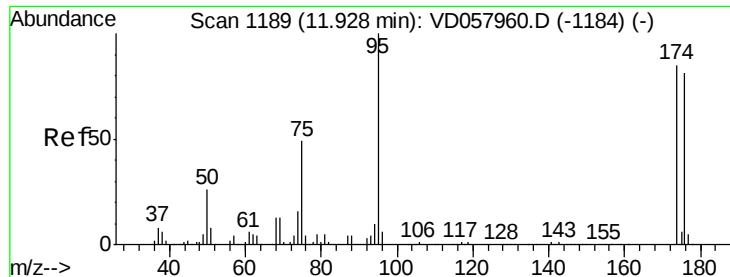
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058008.D
Acq: 8 Jun 2018 10:10

Tgt Ion: 98 Resp: 841282
Ion Ratio Lower Upper
98 100
100 66.7 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: 11.92 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD058008.D

Acq: 8 Jun 2018 10:10

Instrument :

MSVOA_D

ClientSampleId :

SB45(0-5)

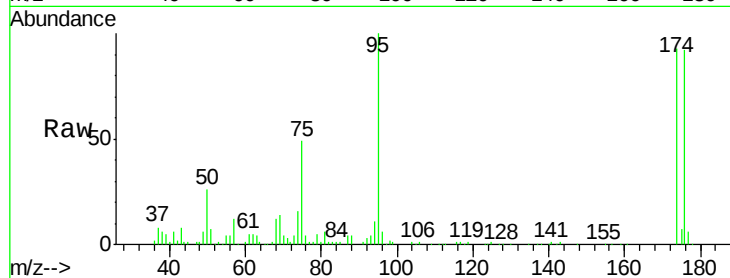
Tot Ion: 95 Resp: 336232

Ion Ratio Lower Upper

95 100

174 92.5 0.0 169.4

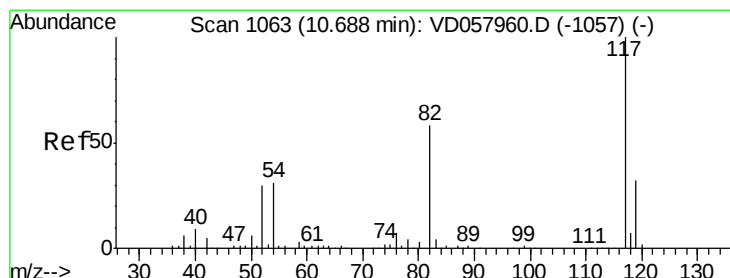
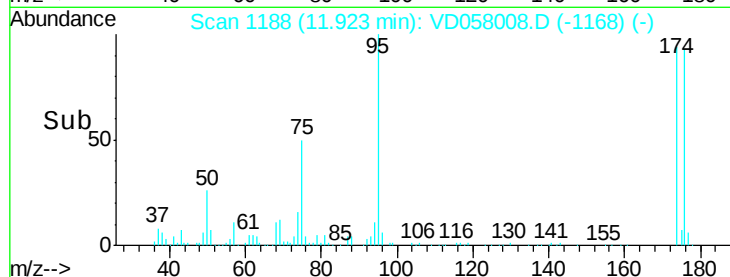
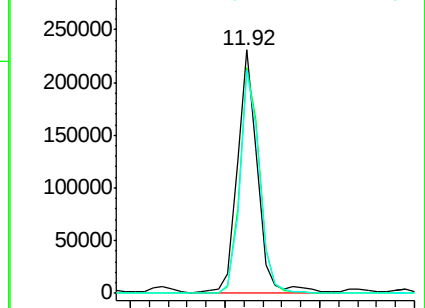
176 91.8 0.0 162.6



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: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD058008.D

Acq: 8 Jun 2018 10:10

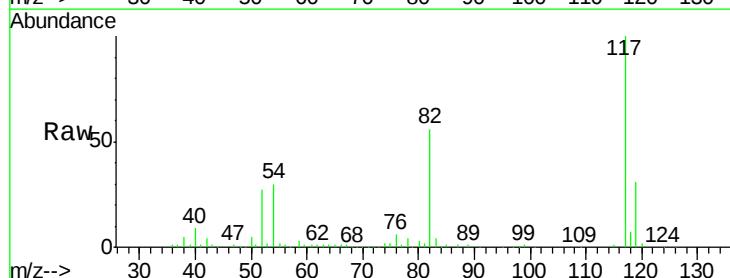
Tgt Ion: 117 Resp: 756645

Ion Ratio Lower Upper

117 100

82 56.3 46.8 70.2

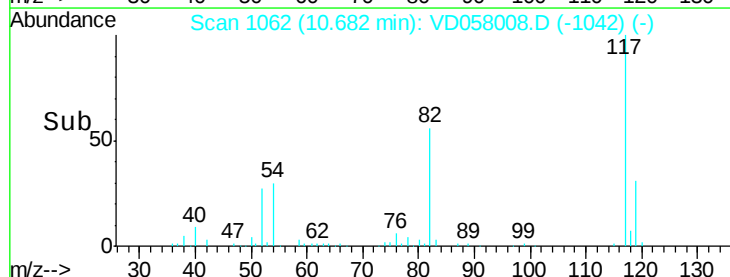
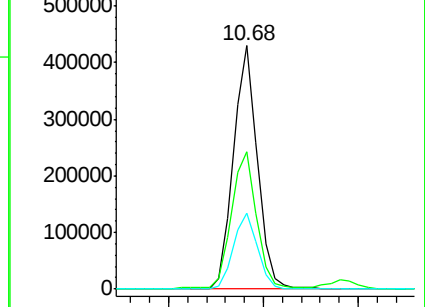
119 31.1 25.8 38.6

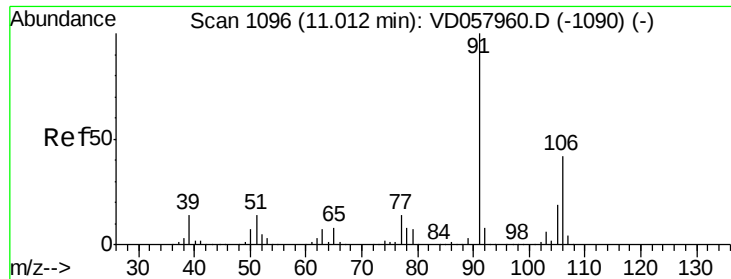


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

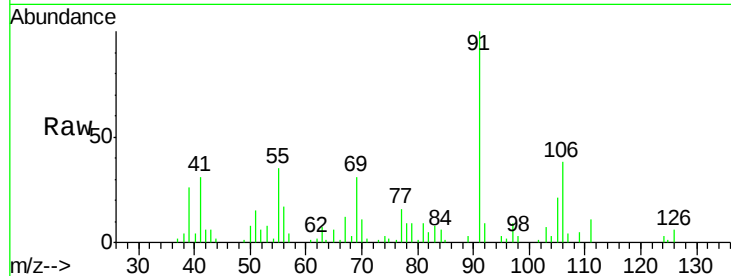




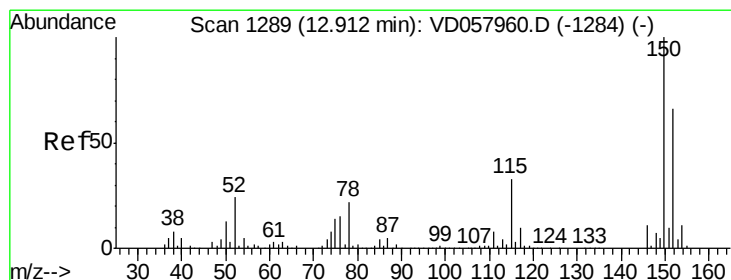
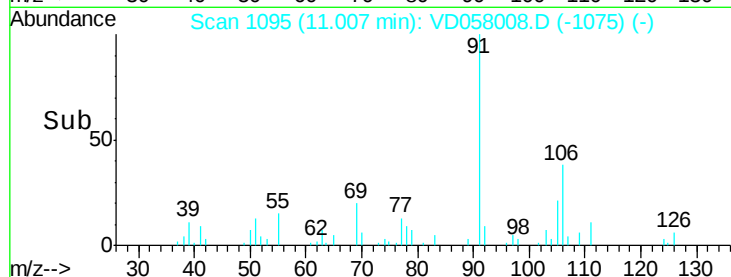
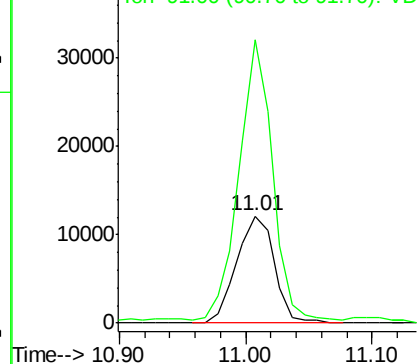
#68
m/p-Xvlenes
Concen: 2.784 ug/l
RT: 11.01 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VD058008.D
Acq: 8 Jun 2018 10:10

Instrument :
MSVOA_D
ClientSampleId :
SB45(0-5)

Tot Ion:106 Resp: 25118
Ion Ratio Lower Upper
106 100
91 264.5 190.4 285.6

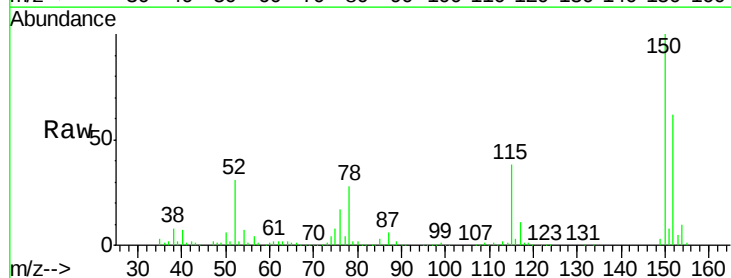


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

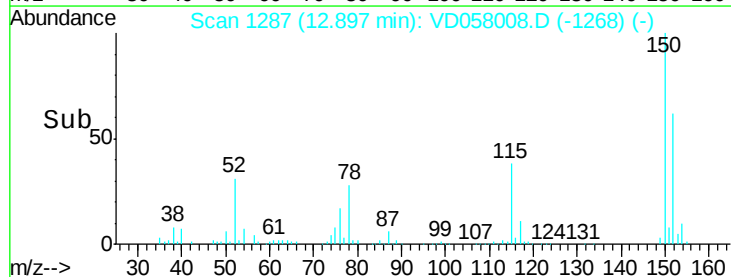
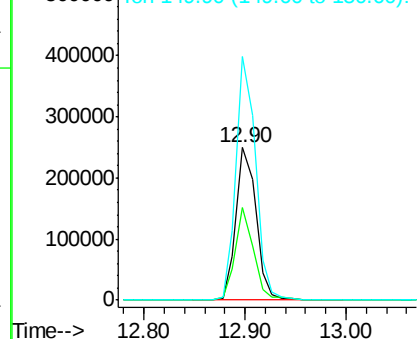


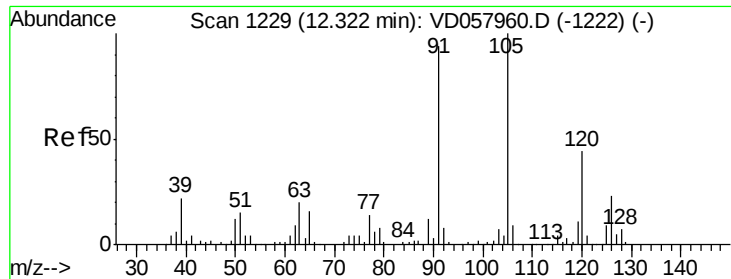
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.02 min
Lab File: VD058008.D
Acq: 8 Jun 2018 10:10

Tgt Ion:152 Resp: 346967
Ion Ratio Lower Upper
152 100
115 60.7 25.6 76.6
150 160.1 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

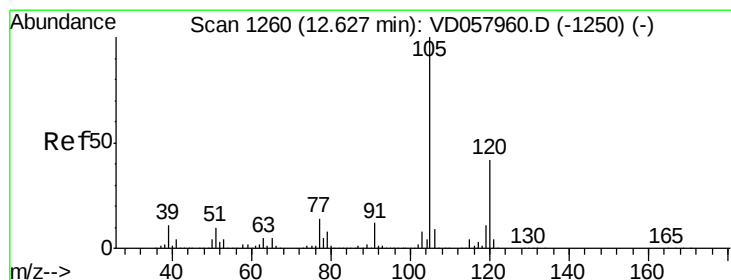
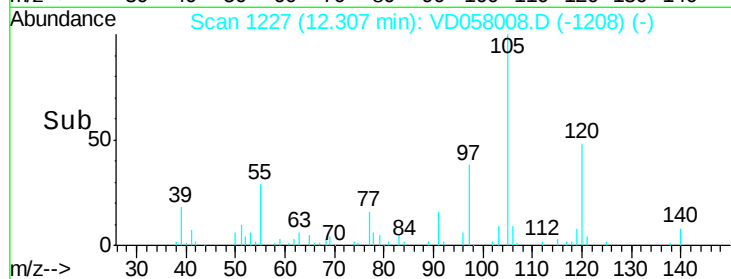
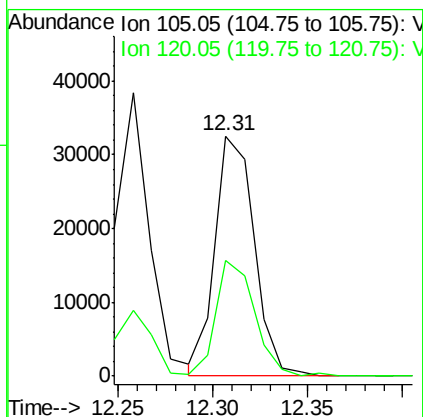
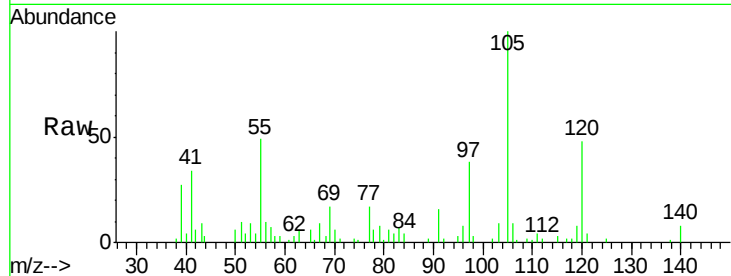




#80
 1,3,5-Trimethylbenzene
 Concen: 2.610 ug/l
 RT: 12.31 min Scan# 1227
 Delta R.T. -0.02 min
 Lab File: VD058008.D
 Acq: 8 Jun 2018 10:10

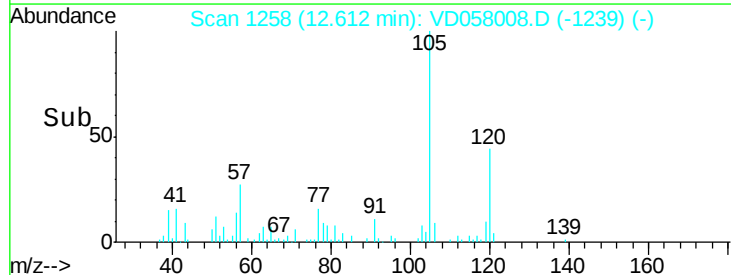
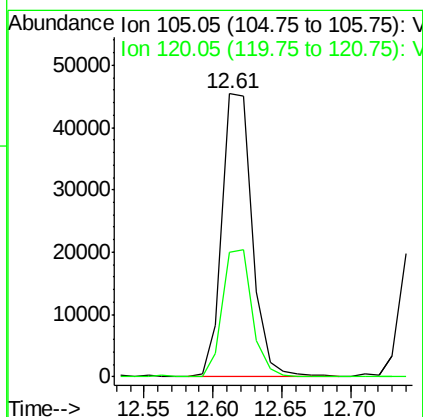
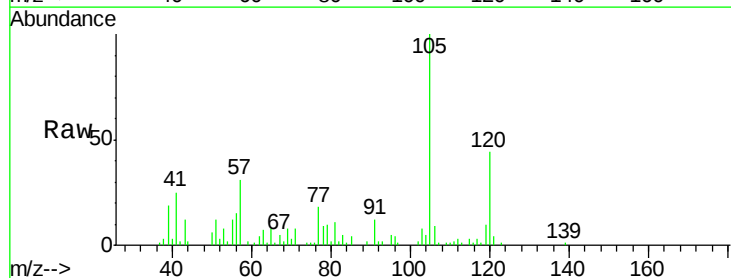
Instrument :
 MSVOA_D
 ClientSampleId :
 SB45(0-5)

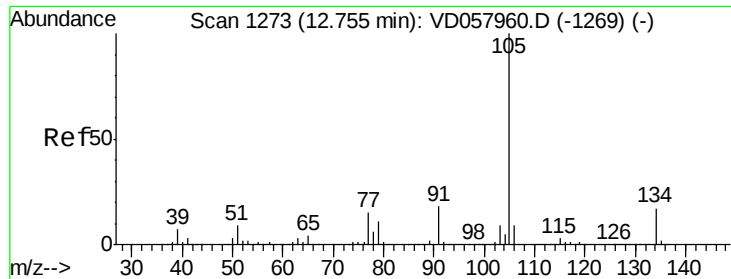
Tot Ion:105 Resp: 46780
 Ion Ratio Lower Upper
 105 100
 120 48.3 22.0 66.0



#84
 1,2,4-Trimethylbenzene
 Concen: 3.596 ug/l
 RT: 12.61 min Scan# 1258
 Delta R.T. -0.02 min
 Lab File: VD058008.D
 Acq: 8 Jun 2018 10:10

Tgt Ion:105 Resp: 69289
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 1.727 ug/l

RT: 12.75 min Scan# 1272

Delta R.T. -0.01 min

Lab File: VD058008.D

Acq: 8 Jun 2018 10:10

Instrument :

MSVOA_D

ClientSampleId :

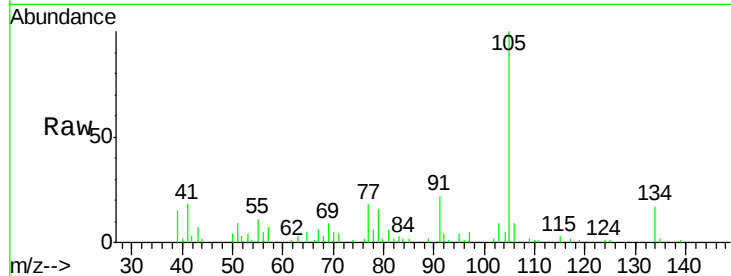
SB45(0-5)

Tot Ion:105 Resp: 42188

Ion Ratio Lower Upper

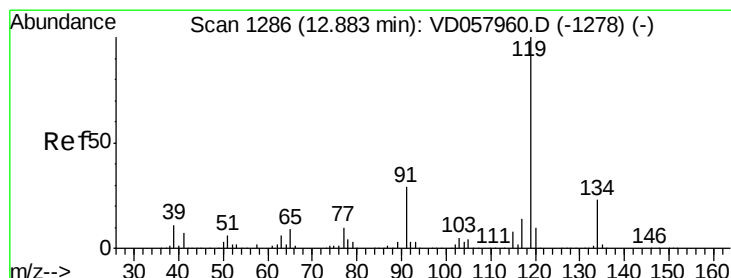
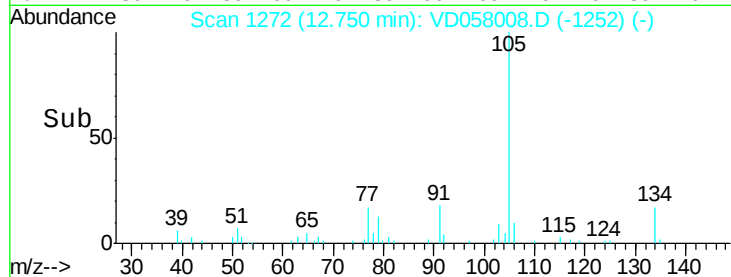
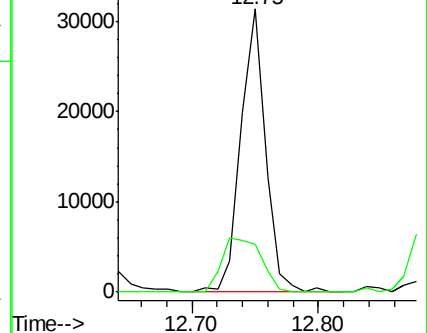
105 100

134 16.9 8.3 25.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 1.618 ug/l

RT: 12.88 min Scan# 1285

Delta R.T. -0.01 min

Lab File: VD058008.D

Acq: 8 Jun 2018 10:10

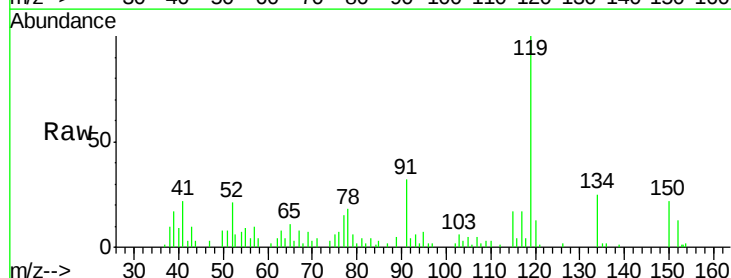
Tgt Ion:119 Resp: 31857

Ion Ratio Lower Upper

119 100

134 24.6 11.5 34.4

91 31.9 14.5 43.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

