

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059892.D
 Acq On : 23 Aug 2018 17:04
 Operator : JC/SY
 Sample : J4559-09
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-WSW-20-053

Quant Time: Aug 24 06:43:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

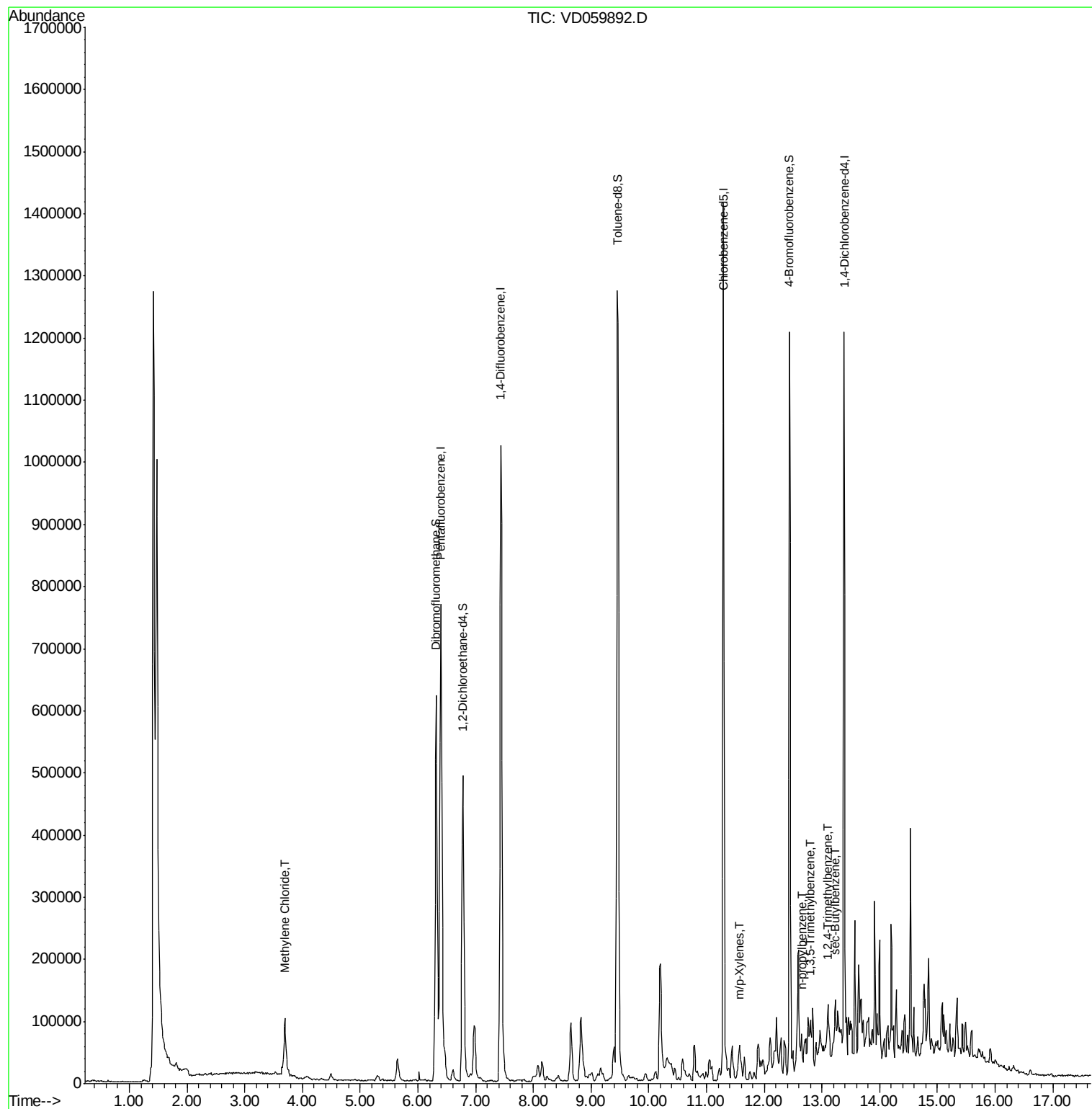
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	722612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	1026880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	706135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	247028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	418141	68.65	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	137.30%	
35) Dibromofluoromethane	6.32	113	477088	59.26	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	118.52%	
50) Toluene-d8	9.45	98	1032038	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
62) 4-Bromofluorobenzene	12.44	95	330690	36.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.88%	
Target Compounds						
20) Methylene Chloride	3.70	84	50350	3.32	ug/l	97
68) m/p-Xylenes	11.58	106	13882	1.62	ug/l	95
78) n-propylbenzene	12.65	91	40742	2.04	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	21837	1.74	ug/l	93
84) 1,2,4-Trimethylbenzene	13.11	105	20777	1.59	ug/l	100
85) sec-Butylbenzene	13.23	105	24263	1.44	ug/l	91

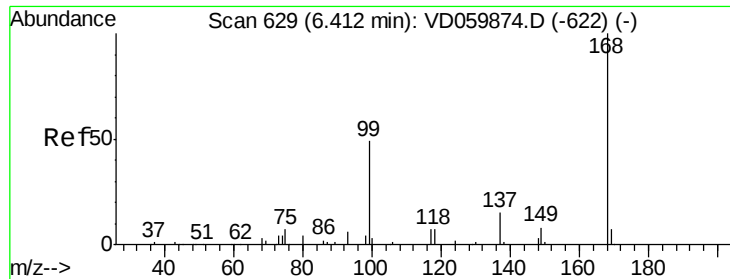
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
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Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
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RA-081718-WSW-20-053

Quant Time: Aug 24 06:43:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 628

Delta R.T. -0.01 min

Lab File: VD059892.D

Acq: 23 Aug 2018 17:04

Instrument :

MSVOA_D

ClientSampleId :

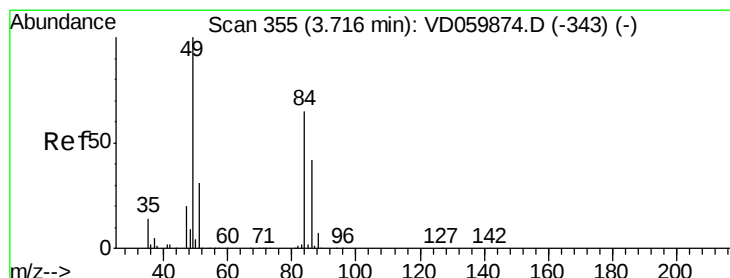
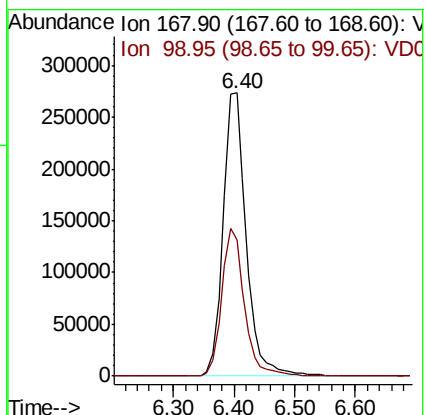
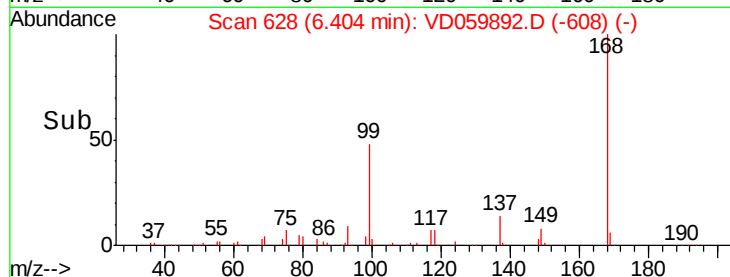
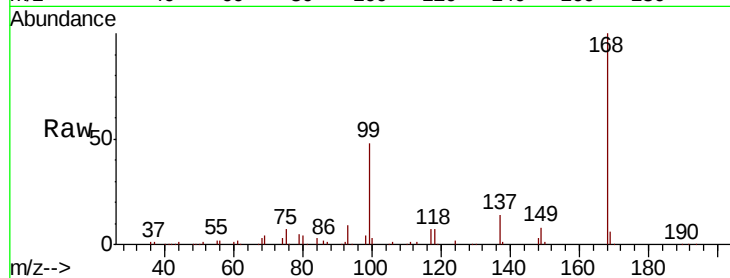
RA-081718-WSW-20-053

Tot Ion:168 Resp: 722612

Ion Ratio Lower Upper

168 100

99 48.0 42.2 63.2



#20

Methylene Chloride

Concen: 3.32 ug/l

RT: 3.70 min Scan# 353

Delta R.T. -0.02 min

Lab File: VD059892.D

Acq: 23 Aug 2018 17:04

Tgt Ion: 84 Resp: 50350

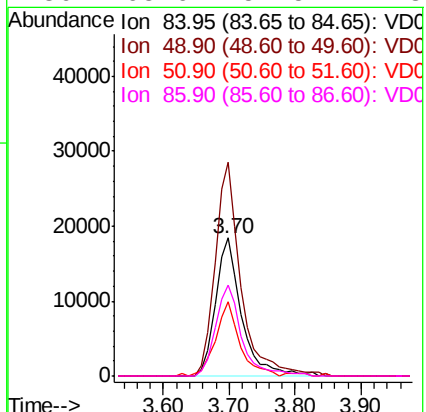
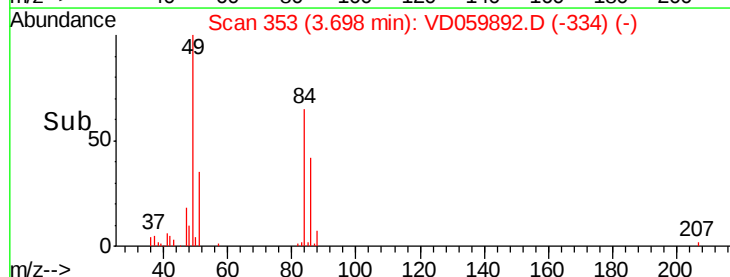
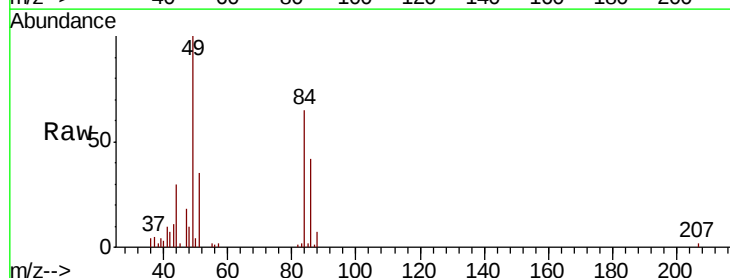
Ion Ratio Lower Upper

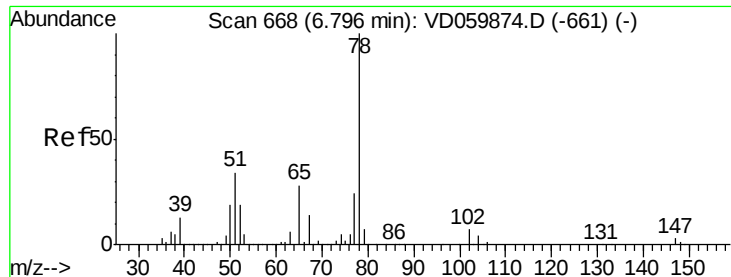
84 100

49 154.6 122.6 183.8

51 54.1 38.4 57.6

86 65.6 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 666

Delta R.T. -0.02 min

Lab File: VD059892.D

Acq: 23 Aug 2018 17:04

Instrument :

MSVOA_D

ClientSampleId :

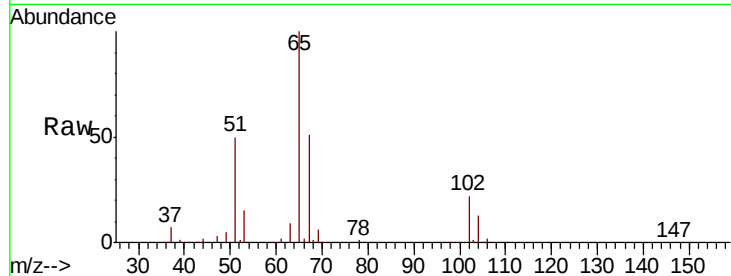
RA-081718-WSW-20-053

Tot Ion: 65 Resp: 418141

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.78

150000

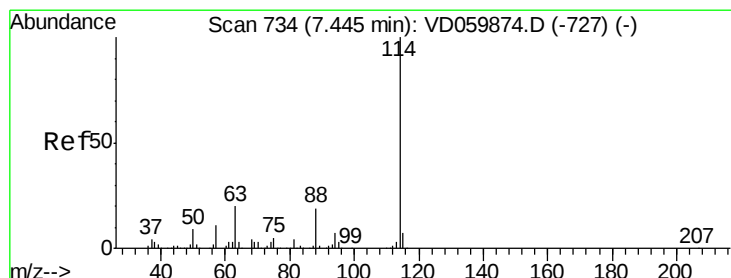
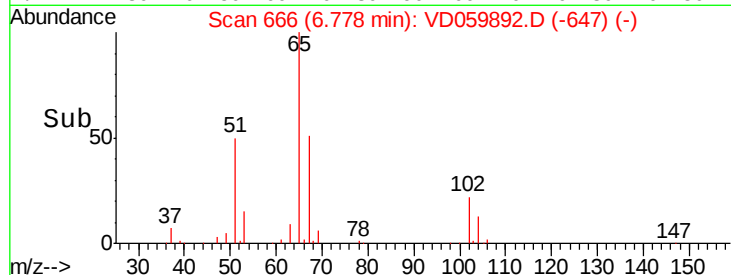
100000

50000

0

6.60 6.70 6.80 6.90 7.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 733

Delta R.T. -0.01 min

Lab File: VD059892.D

Acq: 23 Aug 2018 17:04

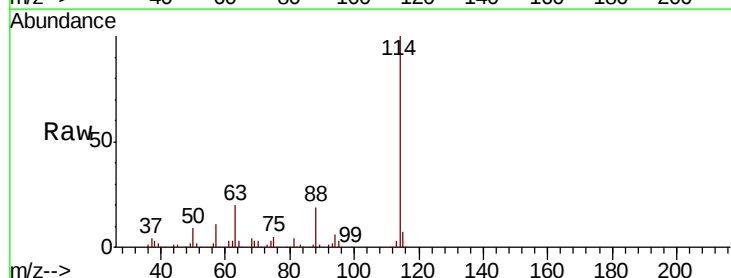
Tgt Ion: 114 Resp: 1026880

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

88 19.1 0.0 37.6



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

7.44

600000

500000

400000

300000

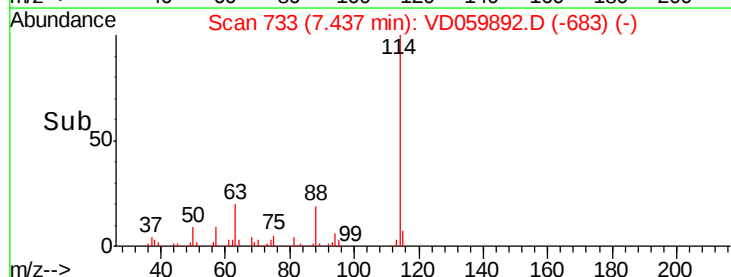
200000

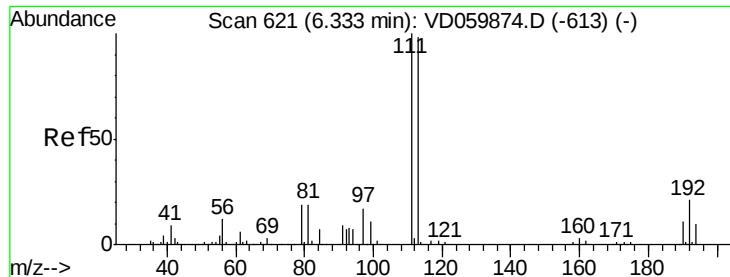
100000

0

7.20 7.40 7.60 7.80

Time-->





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.32 min Scan# 619

Delta R.T. -0.02 min

Lab File: VD059892.D

Acq: 23 Aug 2018 17:04

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-WSW-20-053

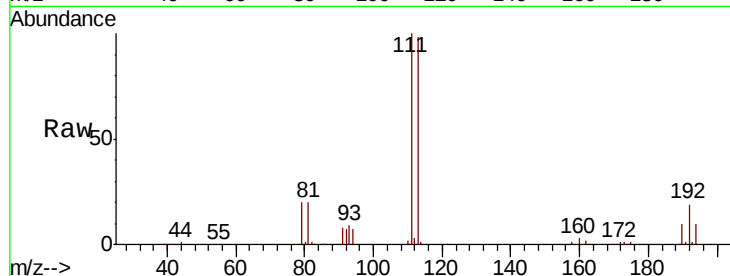
Tot Ion:113 Resp: 477088

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

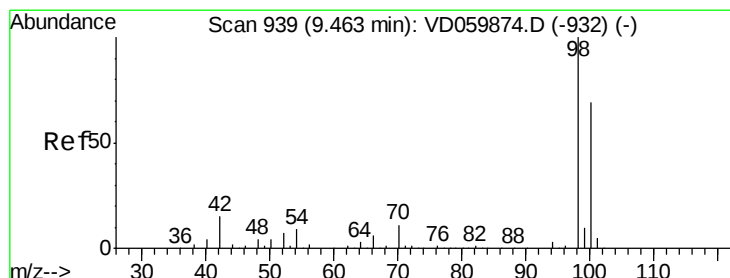
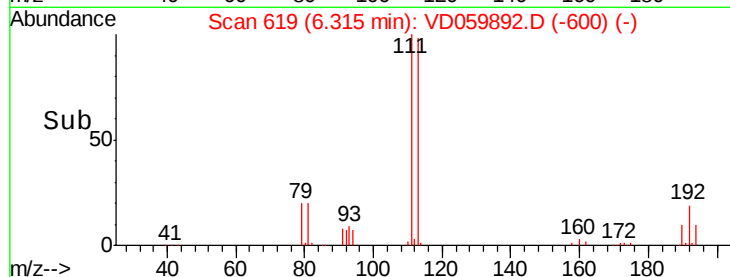
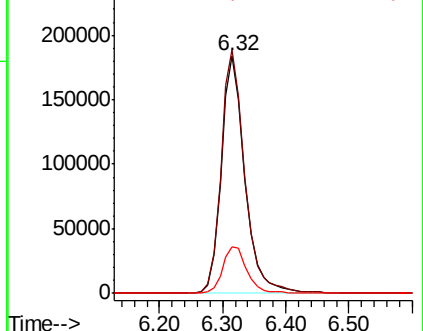
192 19.5 17.0 25.6



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: 9.45 min Scan# 938

Delta R.T. -0.01 min

Lab File: VD059892.D

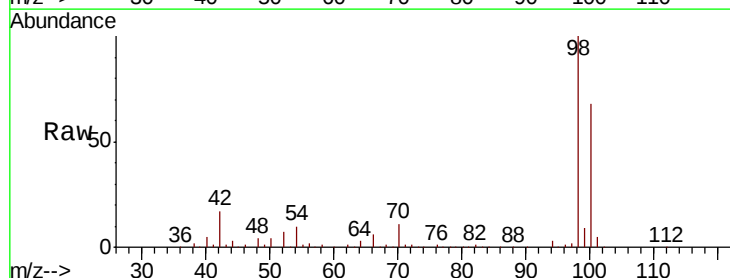
Acq: 23 Aug 2018 17:04

Tgt Ion: 98 Resp: 1032038

Ion Ratio Lower Upper

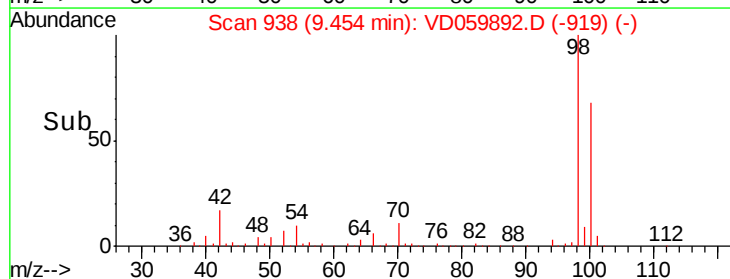
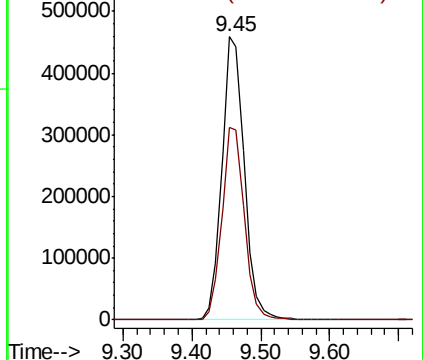
98 100

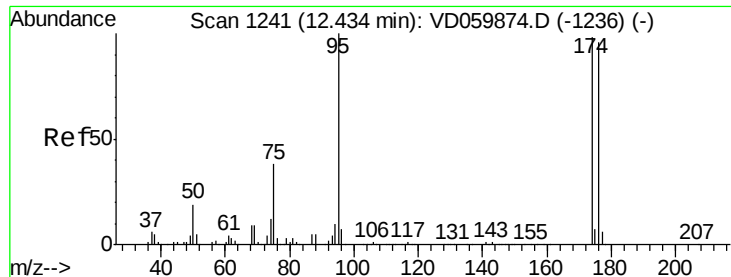
100 68.0 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VD059892.D

Acq: 23 Aug 2018 17:04

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-WSW-20-053

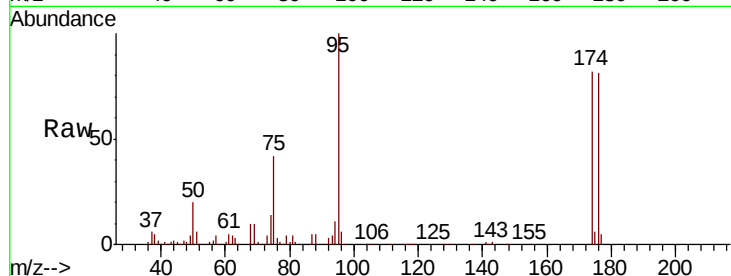
Tot Ion: 95 Resp: 330690

Ion Ratio Lower Upper

95 100

174 81.7 0.0 195.6

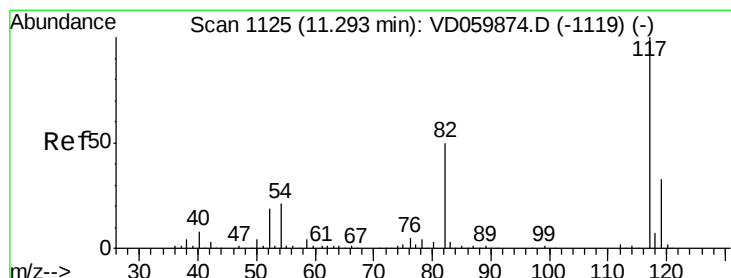
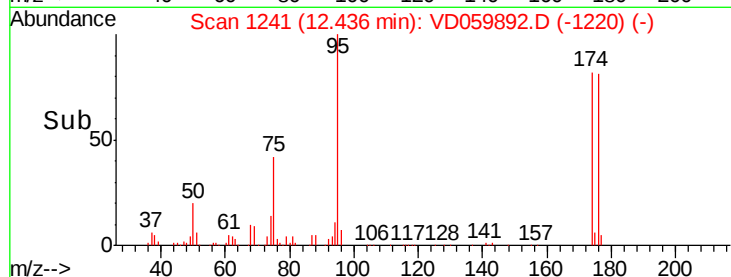
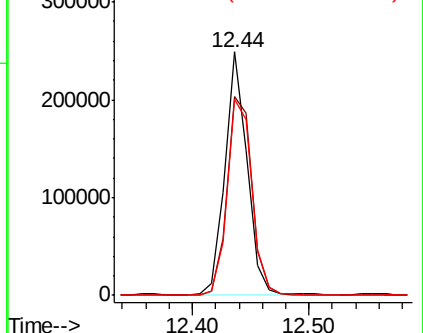
176 80.6 0.0 191.2



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: 50.00 ug/l

RT: 11.29 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VD059892.D

Acq: 23 Aug 2018 17:04

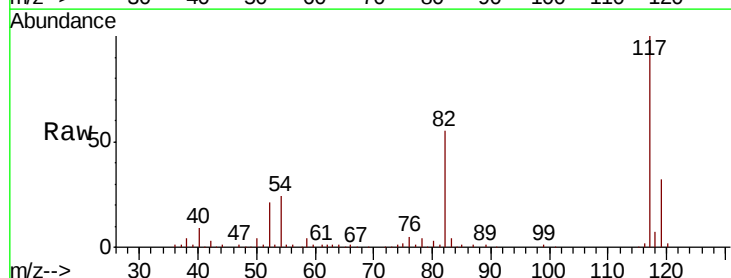
Tgt Ion: 117 Resp: 706135

Ion Ratio Lower Upper

117 100

82 55.4 40.1 60.1

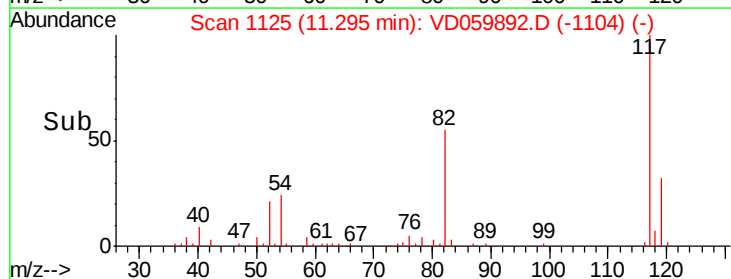
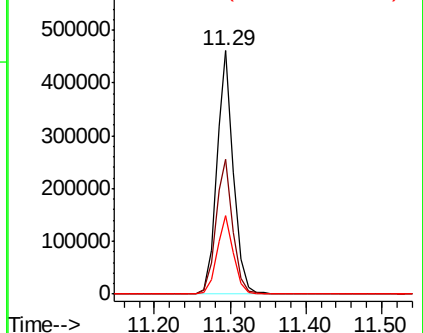
119 32.4 26.7 40.1

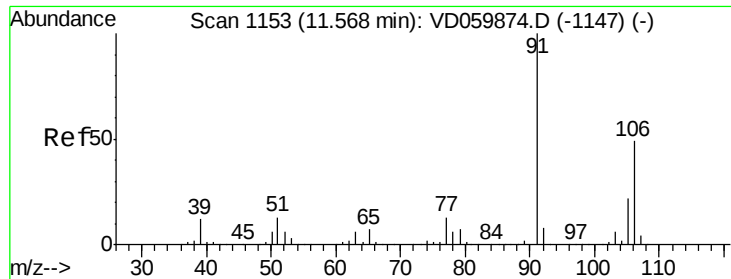


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

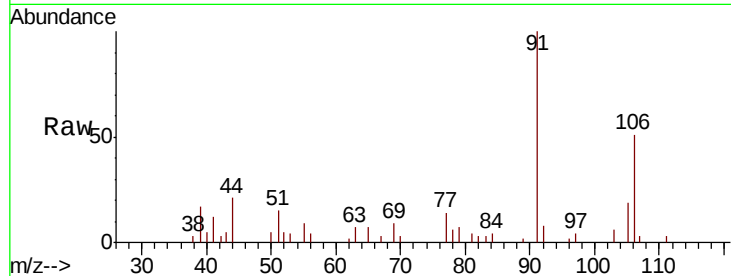




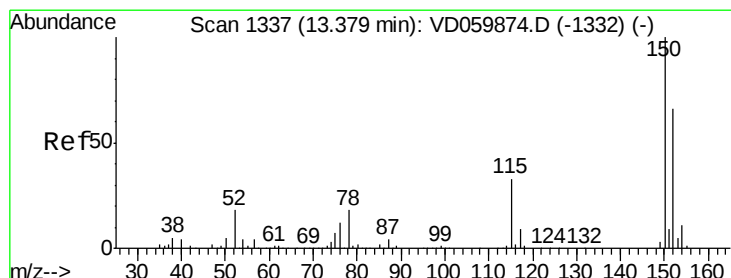
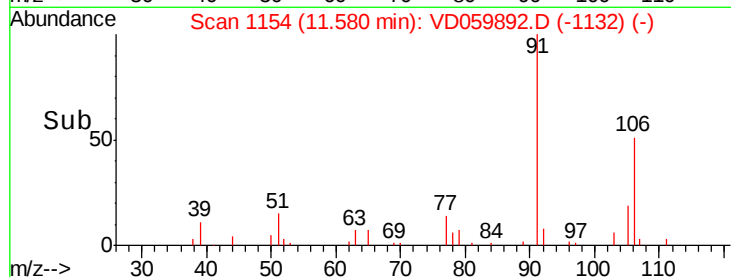
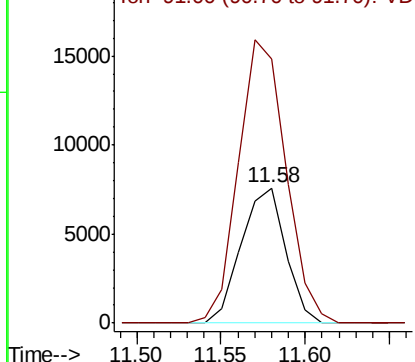
#68
m/p-Xvlenes
Concen: 1.62 ug/l
RT: 11.58 min Scan# 1154
Delta R.T. 0.01 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-053

Tot Ion:106 Resp: 13882
Ion Ratio Lower Upper
106 100
91 195.5 162.0 243.0

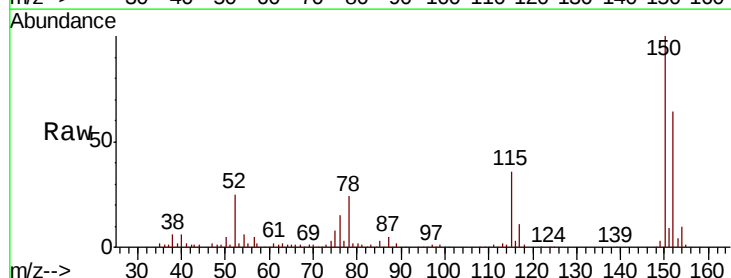


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

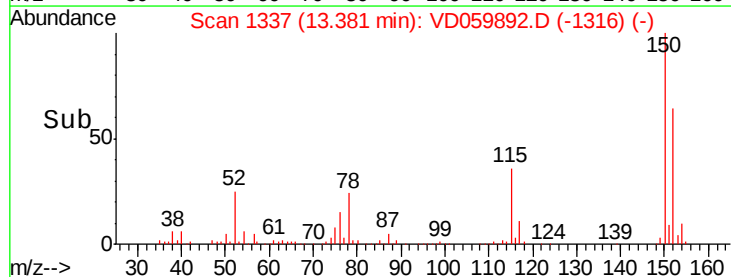
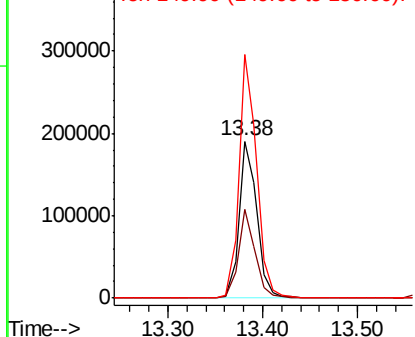


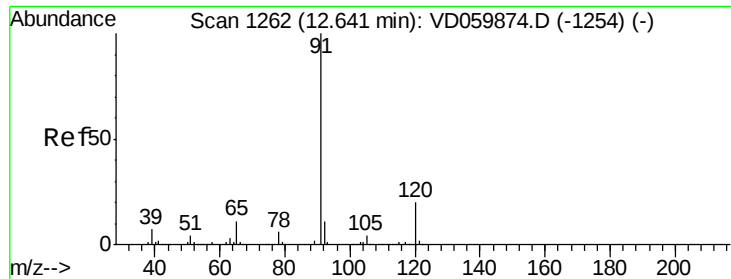
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Tgt Ion:152 Resp: 247028
Ion Ratio Lower Upper
152 100
115 56.6 25.7 77.0
150 155.3 0.0 310.2



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





#78

n-propylbenzene

Concen: 2.04 ug/l

RT: 12.65 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VD059892.D

Acq: 23 Aug 2018 17:04

Instrument :

MSVOA_D

ClientSampleId :

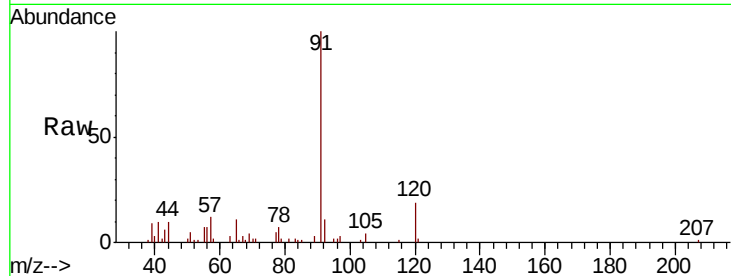
RA-081718-WSW-20-053

Tot Ion: 91 Resp: 40742

Ion Ratio Lower Upper

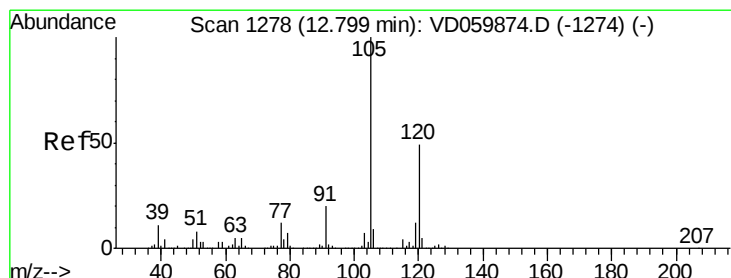
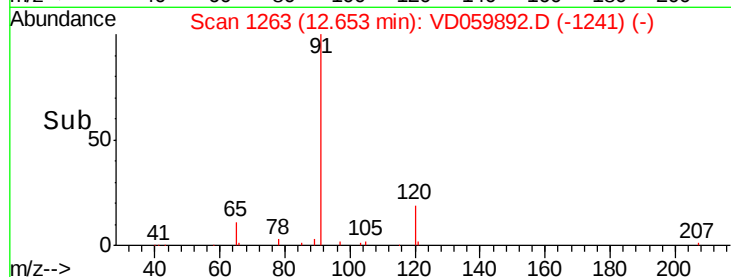
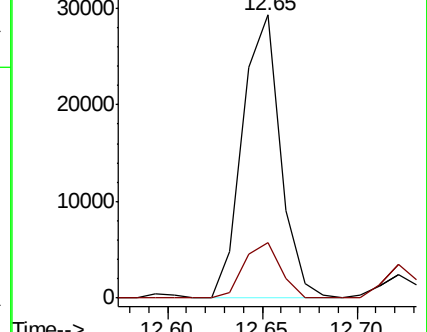
91 100

120 19.4 10.1 30.3



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: 1.74 ug/l

RT: 12.81 min Scan# 1279

Delta R.T. 0.01 min

Lab File: VD059892.D

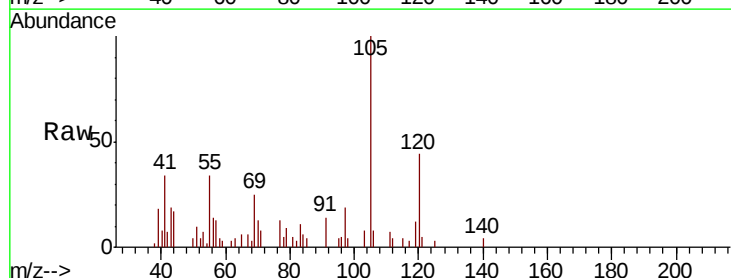
Acq: 23 Aug 2018 17:04

Tgt Ion: 105 Resp: 21837

Ion Ratio Lower Upper

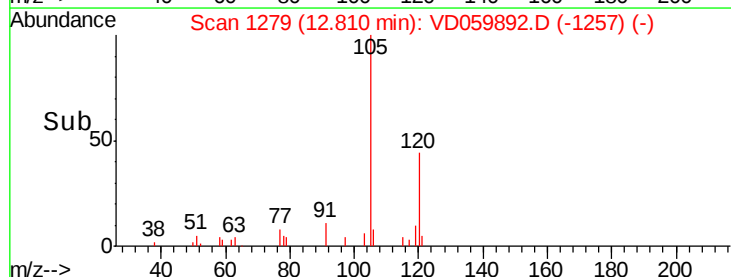
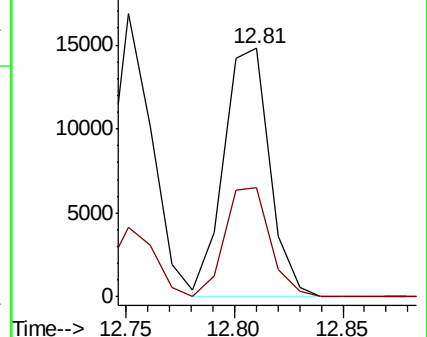
105 100

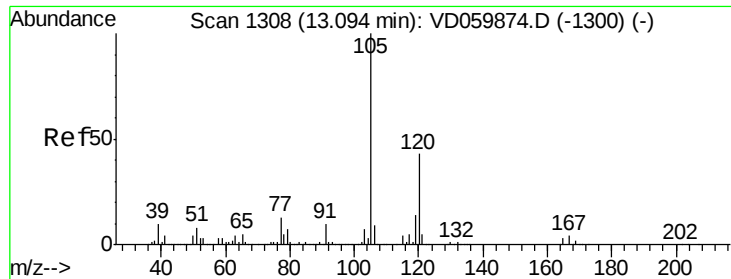
120 44.1 24.5 73.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

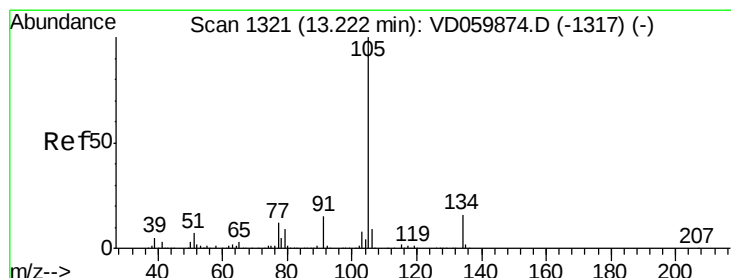
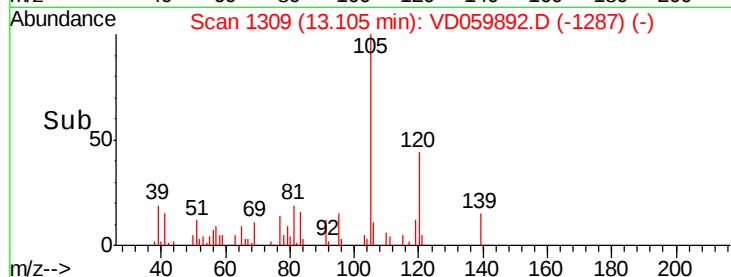
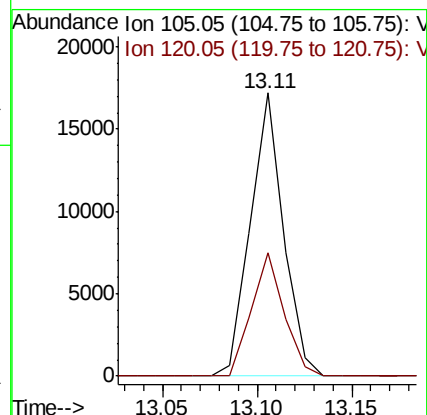
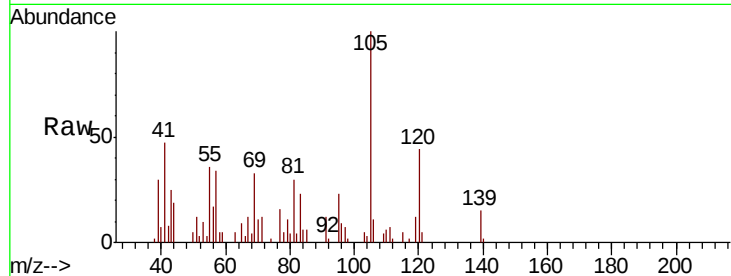




#84
1,2,4-Trimethylbenzene
Concen: 1.59 ug/l
RT: 13.11 min Scan# 1309
Delta R.T. 0.01 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Instrument :
MSVOA_D
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RA-081718-WSW-20-053

Tot Ion:105 Resp: 20777
Ion Ratio Lower Upper
105 100
120 43.7 21.8 65.3



#85
sec-Butylbenzene
Concen: 1.44 ug/l
RT: 13.23 min Scan# 1322
Delta R.T. 0.01 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Tgt Ion:105 Resp: 24263
Ion Ratio Lower Upper
105 100
134 20.2 8.2 24.4

