

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003967.D
 Acq On : 16 Jul 2018 22:20
 Operator : VA/AP
 Sample : J3829-05
 Misc : 6.77G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-071318-C

Quant Time: Jul 17 07:05:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

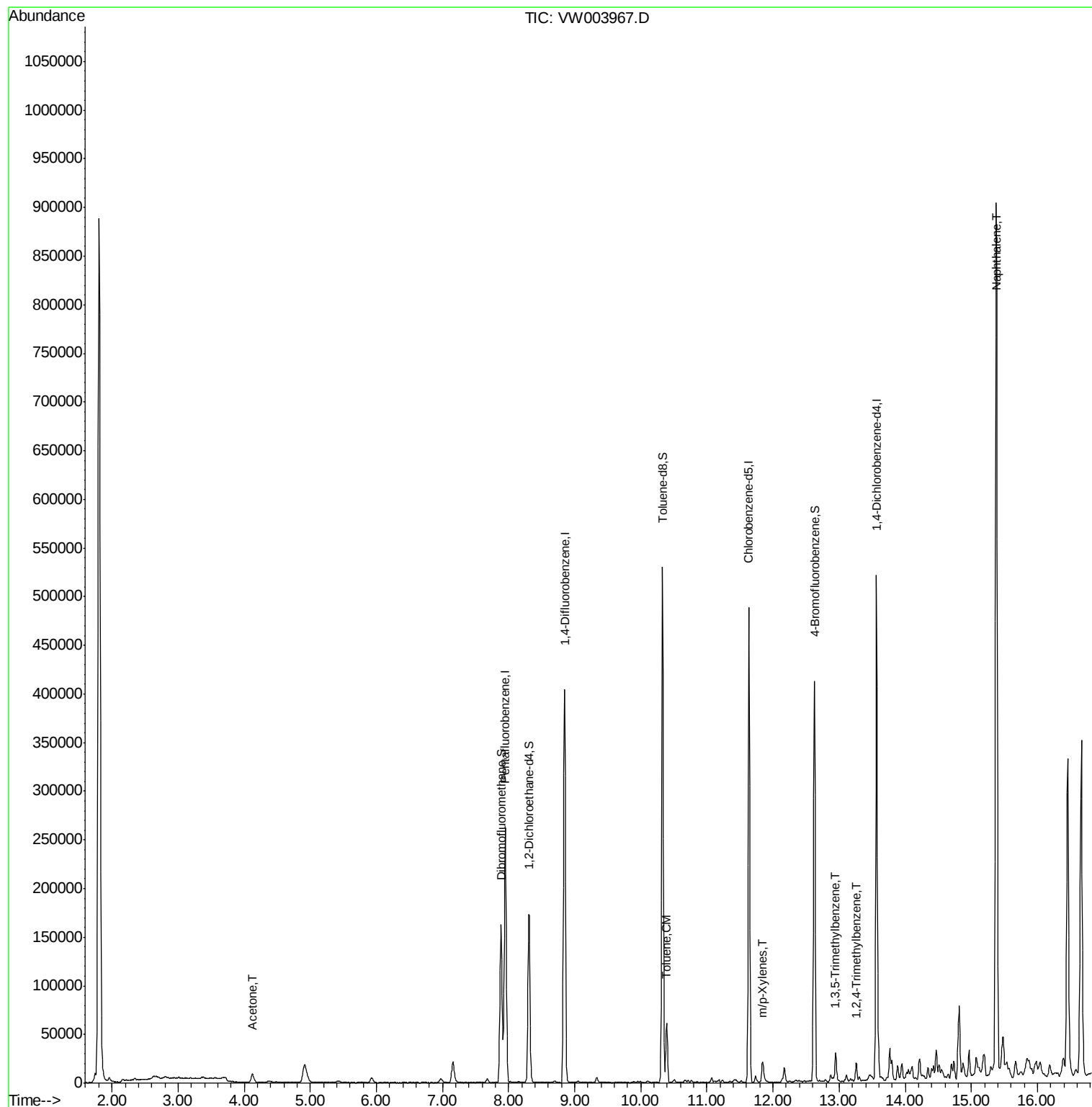
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	326878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	128098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136625	65.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.12%	
35) Dibromofluoromethane	7.88	113	114045	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	
50) Toluene-d8	10.33	98	335998	41.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.58%	
62) 4-Bromofluorobenzene	12.62	95	132449	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
Target Compounds						
16) Acetone	4.13	43	15847	31.40	ug/l	90
52) Toluene	10.39	92	24043	4.17	ug/l	98
68) m/p-Xylenes	11.84	106	5328	1.43	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	10507	1.38	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	9958	1.27	ug/l	99
95) Naphthalene	15.38	128	745905	149.29	ug/l	100

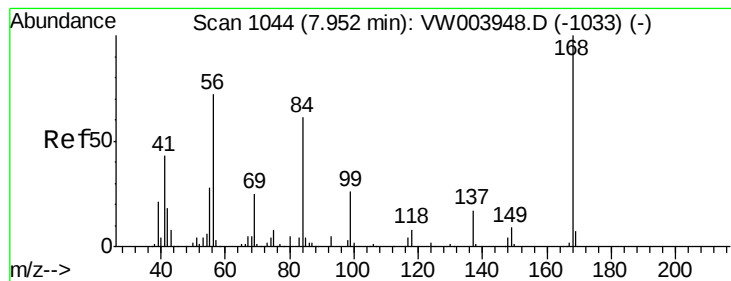
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071618\
Data File : VW003967.D
Acq On : 16 Jul 2018 22:20
Operator : VA/AP
Sample : J3829-05
Misc : 6.77G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-01-071318-C

Quant Time: Jul 17 07:05:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003967.D

Acq: 16 Jul 2018 22:20

Instrument :

MSVOA_W

ClientSampleId :

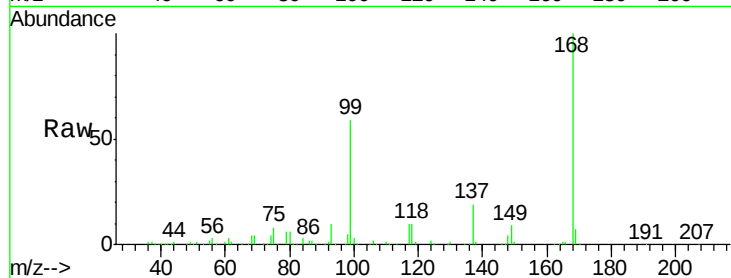
PL-01-071318-C

Tot Ion:168 Resp: 187867

Ion Ratio Lower Upper

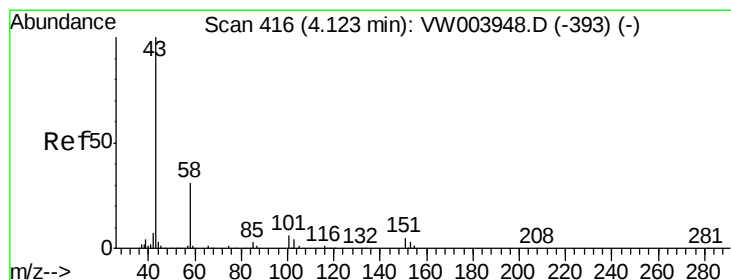
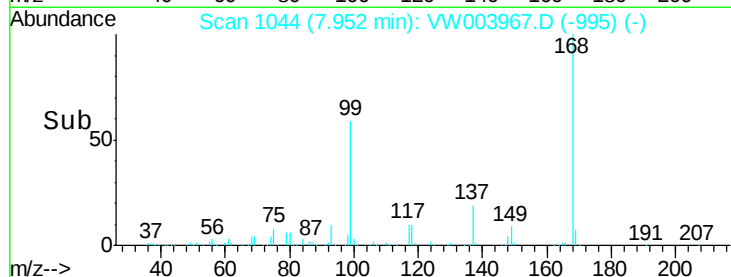
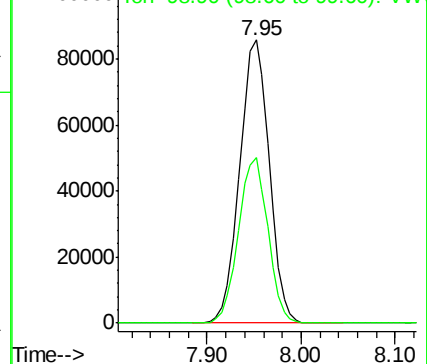
168 100

99 58.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 31.40 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW003967.D

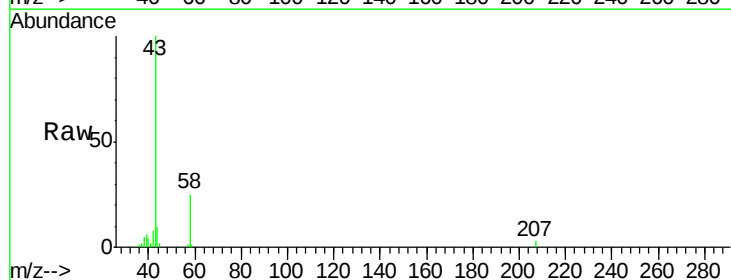
Acq: 16 Jul 2018 22:20

Tgt Ion: 43 Resp: 15847

Ion Ratio Lower Upper

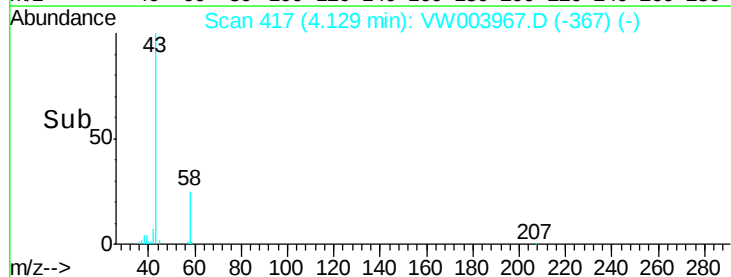
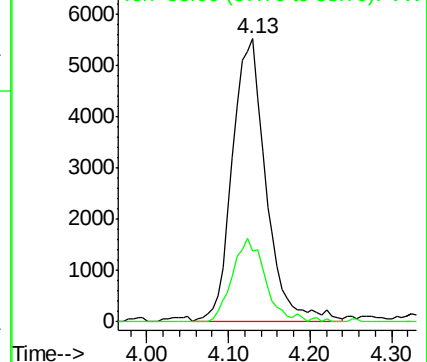
43 100

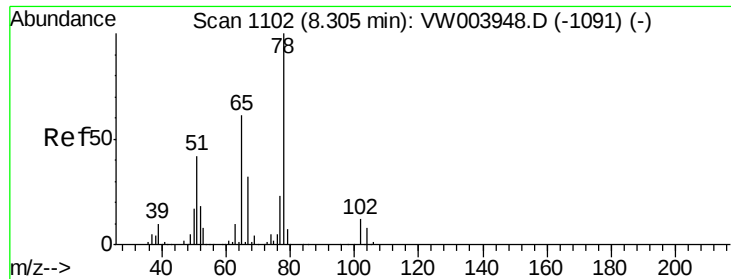
58 25.0 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 65.06 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003967.D

Acq: 16 Jul 2018 22:20

Instrument :

MSVOA_W

ClientSampleId :

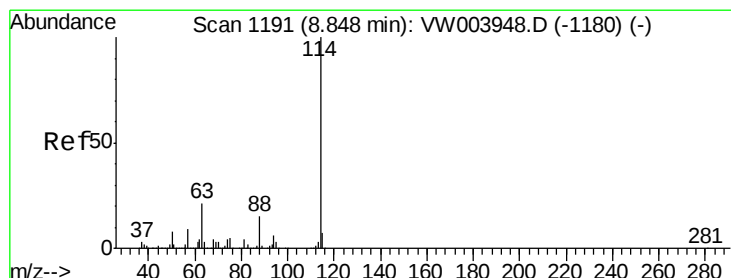
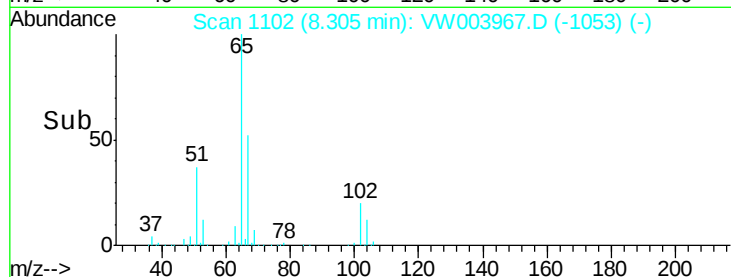
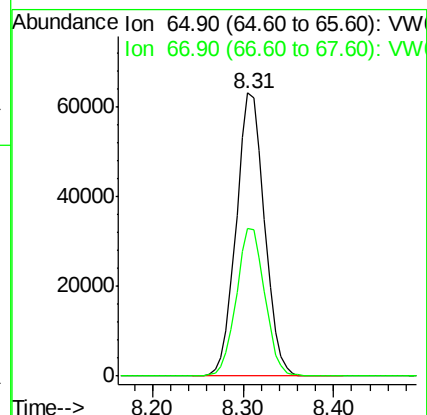
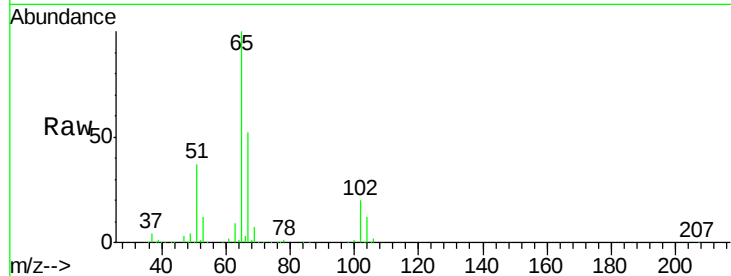
PL-01-071318-C

Tot Ion: 65 Resp: 136625

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003967.D

Acq: 16 Jul 2018 22:20

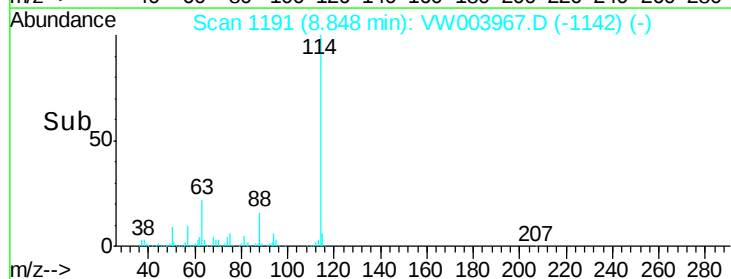
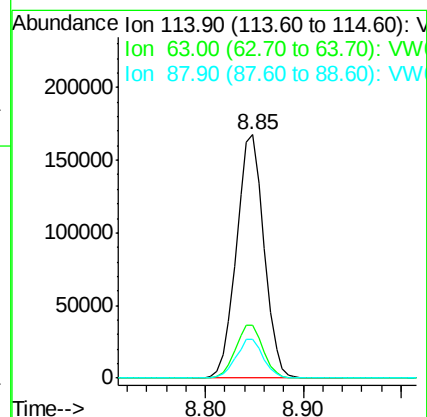
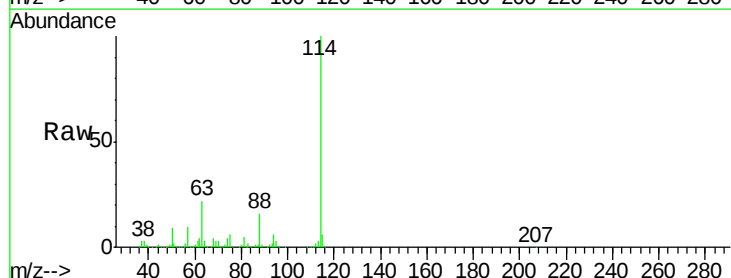
Tgt Ion: 114 Resp: 326878

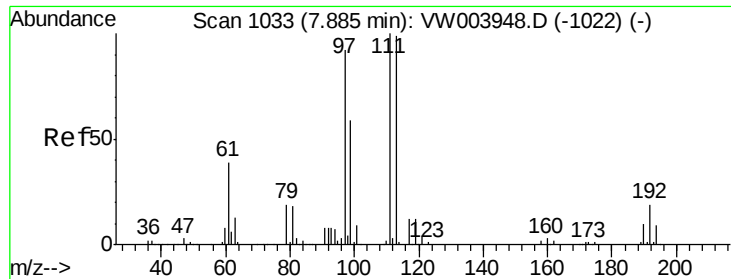
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.8

88 16.0 0.0 30.4

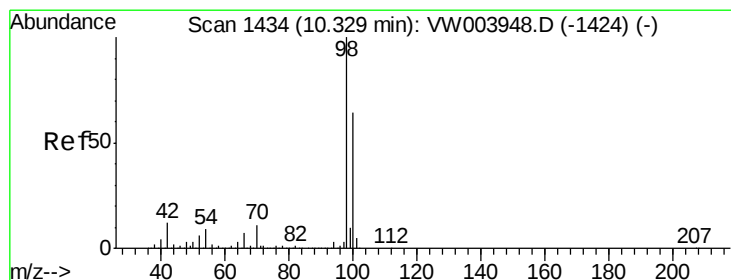
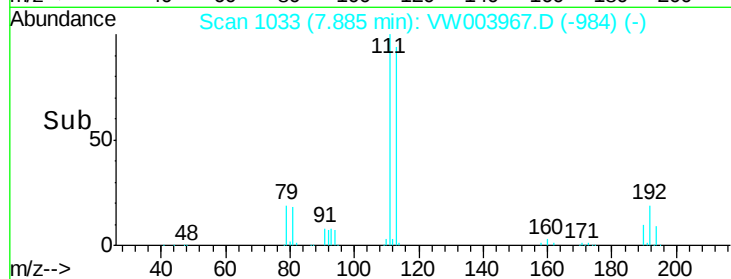
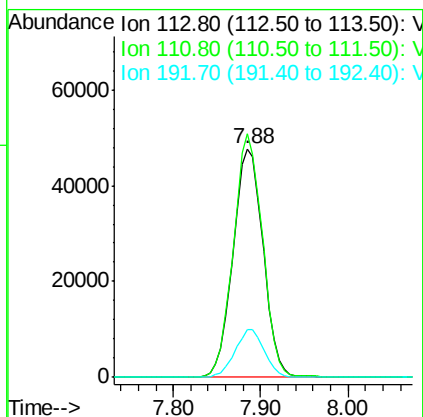
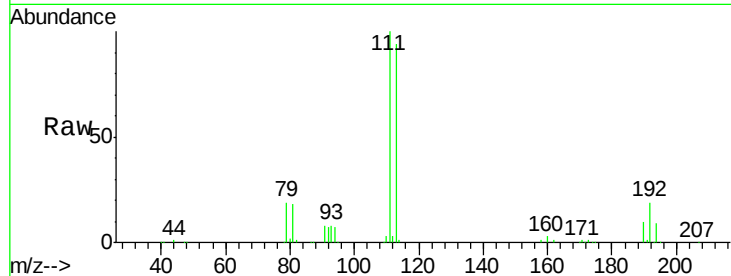




#35
 Dibromofluoromethane
 Concen: 54.38 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003967.D
 Acq: 16 Jul 2018 22:20

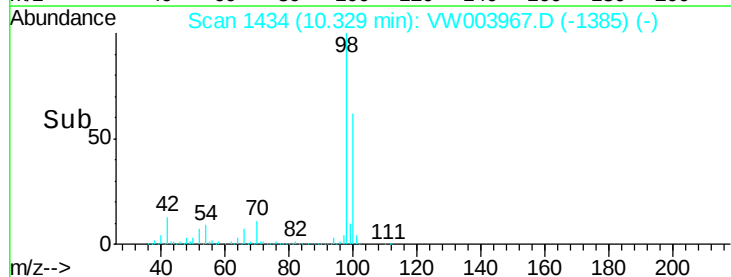
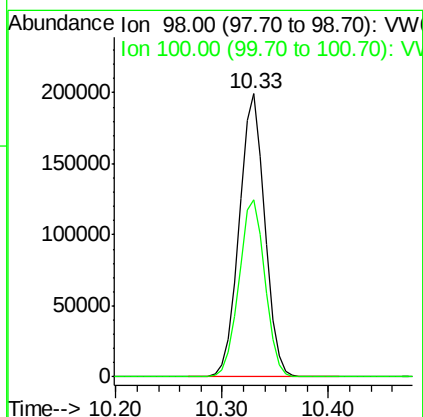
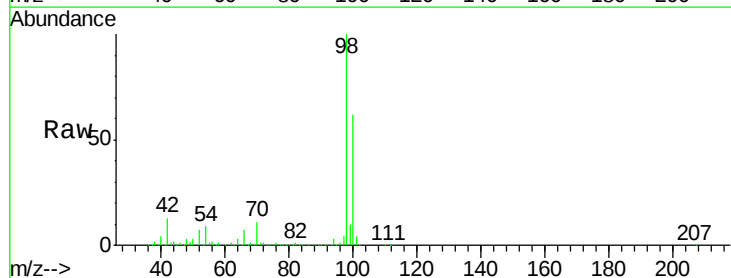
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-071318-C

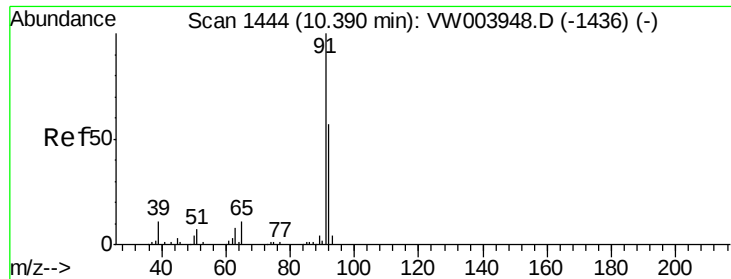
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.3	121.9
192	20.5	15.8	23.6



#50
 Toluene-d8
 Concen: 41.29 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003967.D
 Acq: 16 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8





#52

Toluene

Concen: 4.17 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003967.D

Acq: 16 Jul 2018 22:20

Instrument :

MSVOA_W

ClientSampleId :

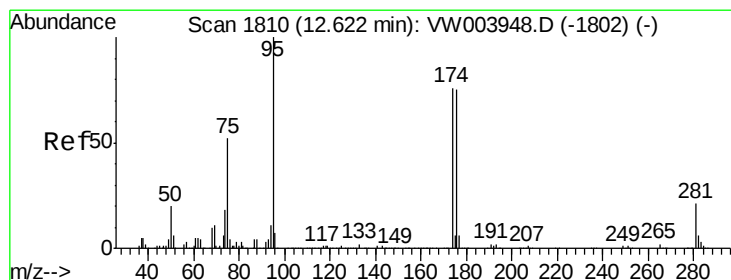
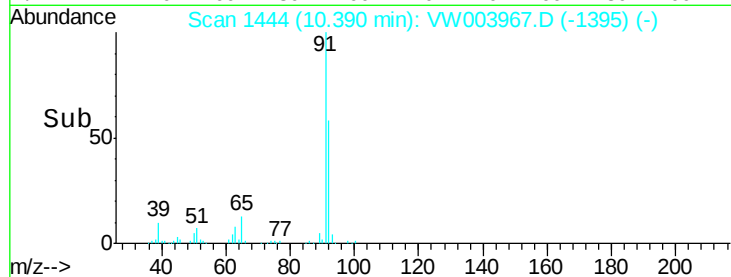
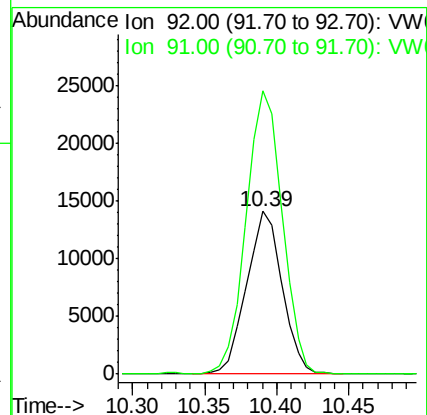
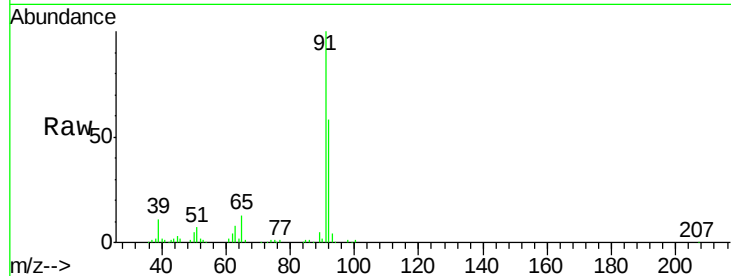
PL-01-071318-C

Tot Ion: 92 Resp: 24043

Ion Ratio Lower Upper

92 100

91 177.5 139.6 209.4



#62

4-Bromofluorobenzene

Concen: 45.13 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003967.D

Acq: 16 Jul 2018 22:20

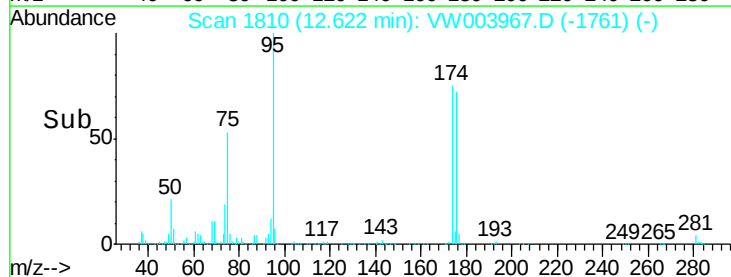
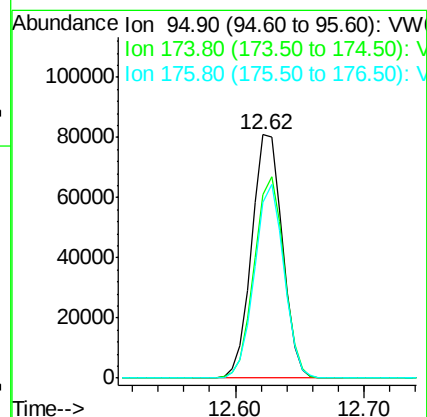
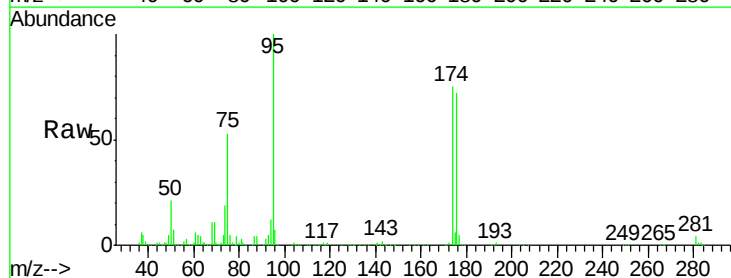
Tgt Ion: 95 Resp: 132449

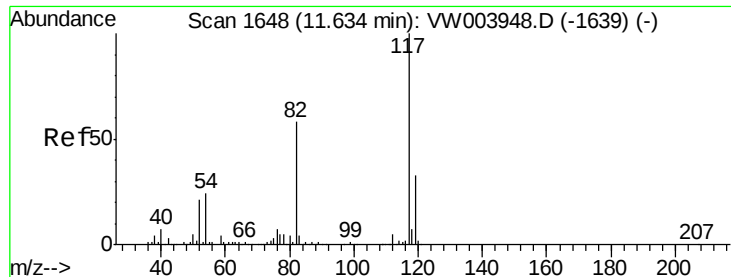
Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.2

176 76.5 0.0 155.8

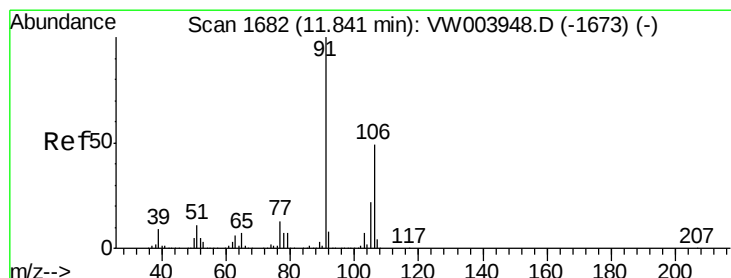
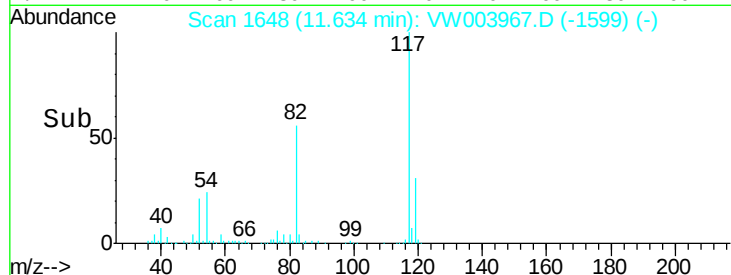
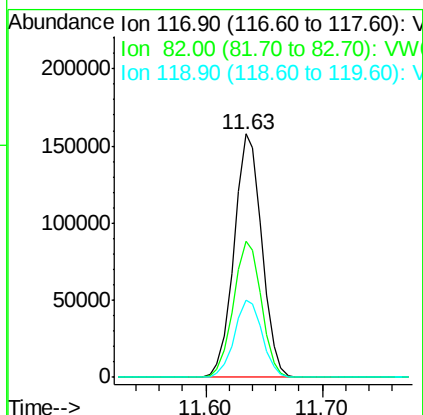
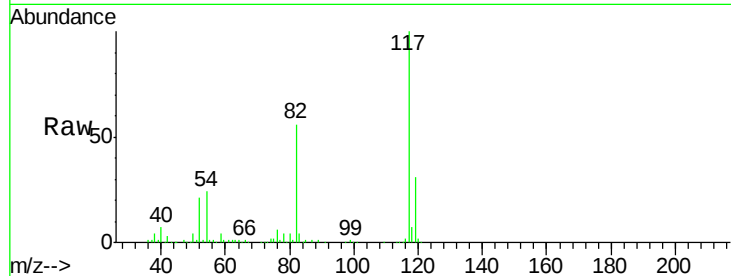




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003967.D
Acq: 16 Jul 2018 22:20

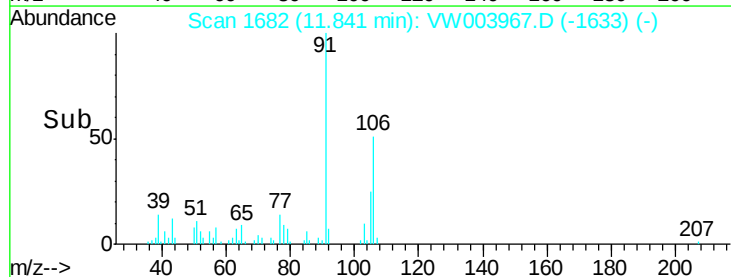
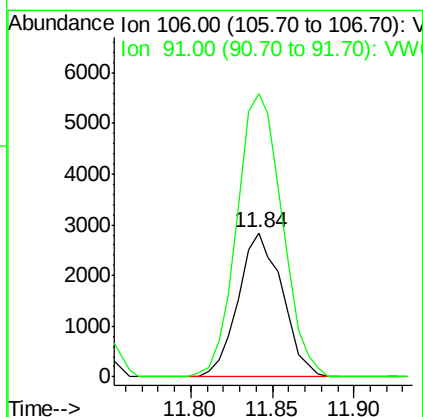
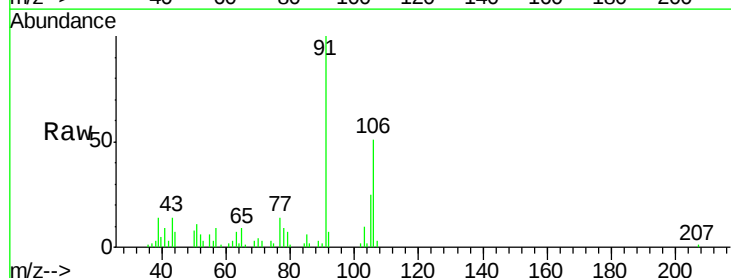
Instrument :
MSVOA_W
ClientSampleId :
PL-01-071318-C

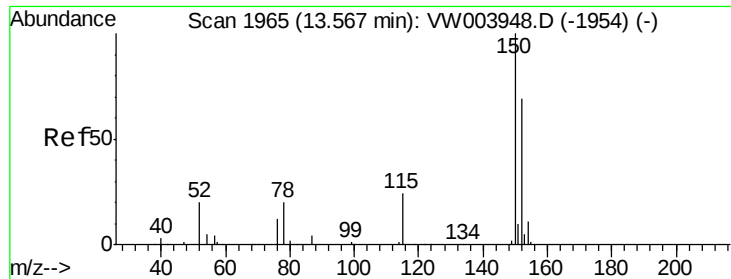
Tot Ion:117 Resp: 261579
Ion Ratio Lower Upper
117 100
82 55.8 46.5 69.7
119 31.5 26.2 39.2



#68
m/p-Xylenes
Concen: 1.43 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003967.D
Acq: 16 Jul 2018 22:20

Tgt Ion:106 Resp: 5328
Ion Ratio Lower Upper
106 100
91 202.5 164.2 246.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003967.D

Acq: 16 Jul 2018 22:20

Instrument :

MSVOA_W

ClientSampleId :

PL-01-071318-C

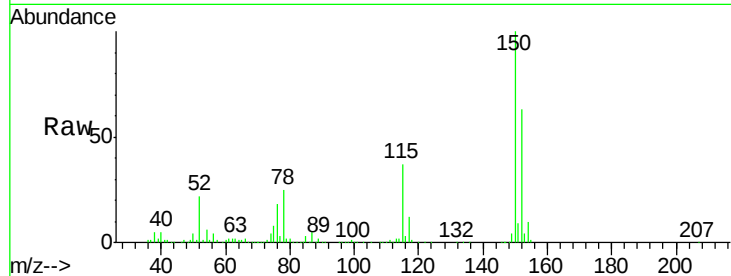
Tot Ion:152 Resp: 128098

Ion Ratio Lower Upper

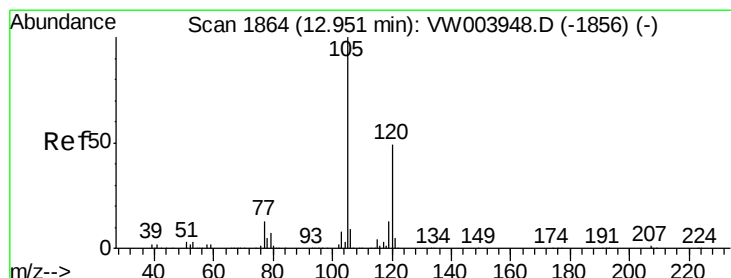
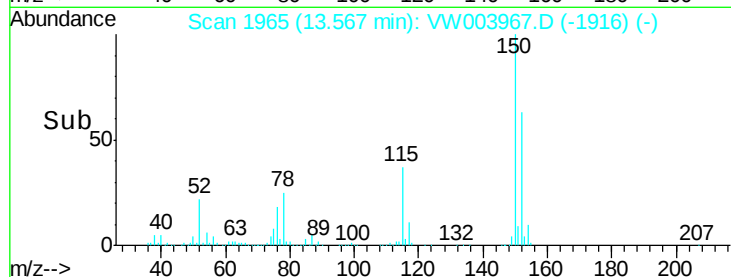
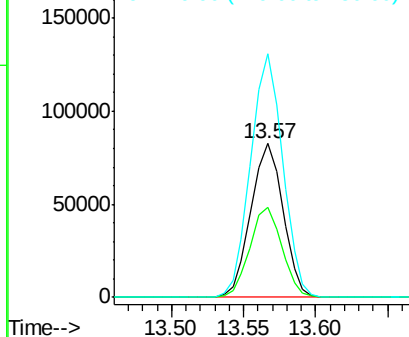
152 100

115 58.7 29.2 87.6

150 157.3 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.38 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003967.D

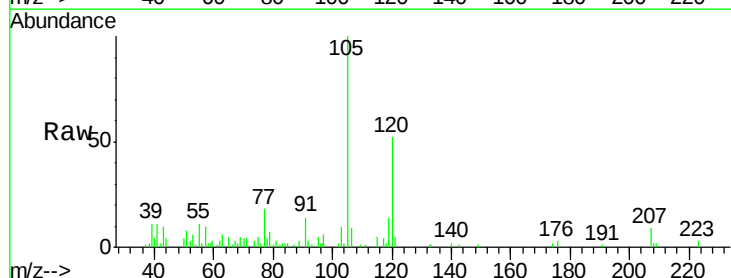
Acq: 16 Jul 2018 22:20

Tgt Ion:105 Resp: 10507

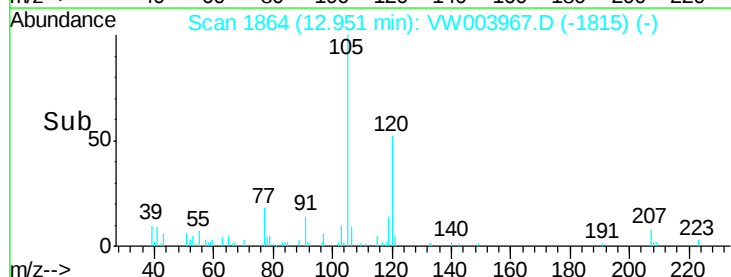
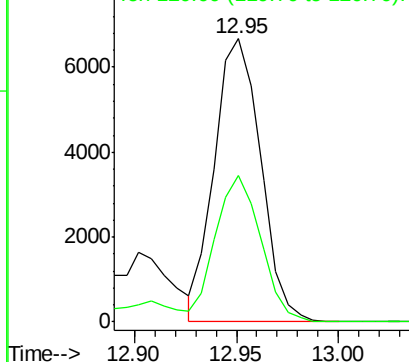
Ion Ratio Lower Upper

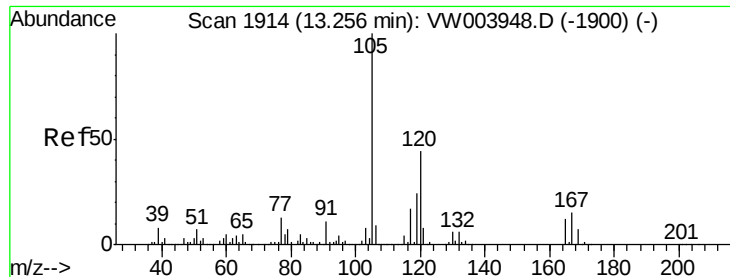
105 100

120 50.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

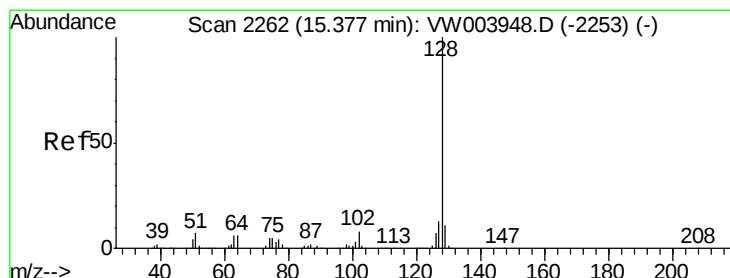
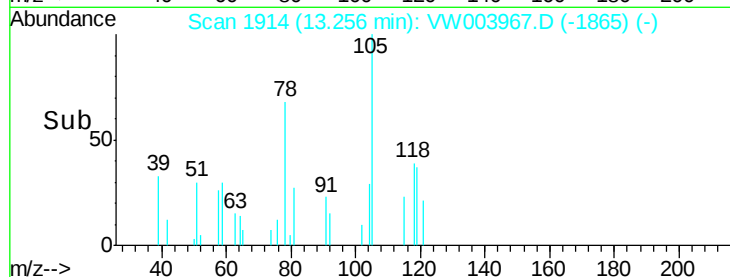
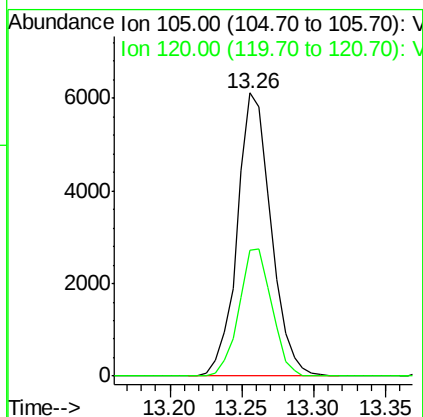
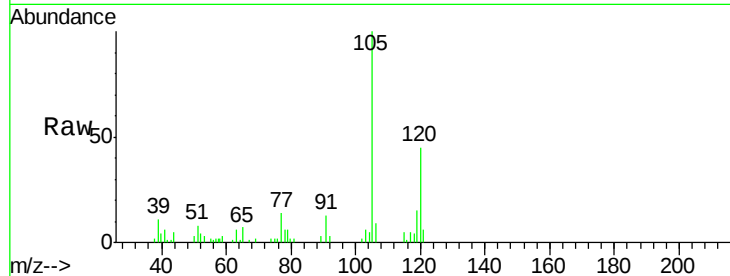




#84
 1,2,4-Trimethylbenzene
 Concen: 1.27 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003967.D
 Acq: 16 Jul 2018 22:20

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-071318-C

Tot Ion:105 Resp: 9958
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.1



#95
 Naphthalene
 Concen: 149.29 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW003967.D
 Acq: 16 Jul 2018 22:20

Tgt Ion:128 Resp: 745905
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.7 16.1
 129 11.1 8.7 13.1

