

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000984.D
 Acq On : 25 Jan 2018 06:58
 Operator : JC/SY
 Sample : J1289-15
 Misc : 5.03G/5.0ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-52-13.5-14.0

Quant Time: Jan 25 12:15:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	177145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	267804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	228902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	94582	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	107820	63.50	ug/l	0.00
Spiked Amount			Recovery	=	127.00%	
35) Dibromofluoromethane	7.89	113	98838	60.25	ug/l	0.00
Spiked Amount			Recovery	=	120.50%	
50) Toluene-d8	10.34	98	315697	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.63	95	105066	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	

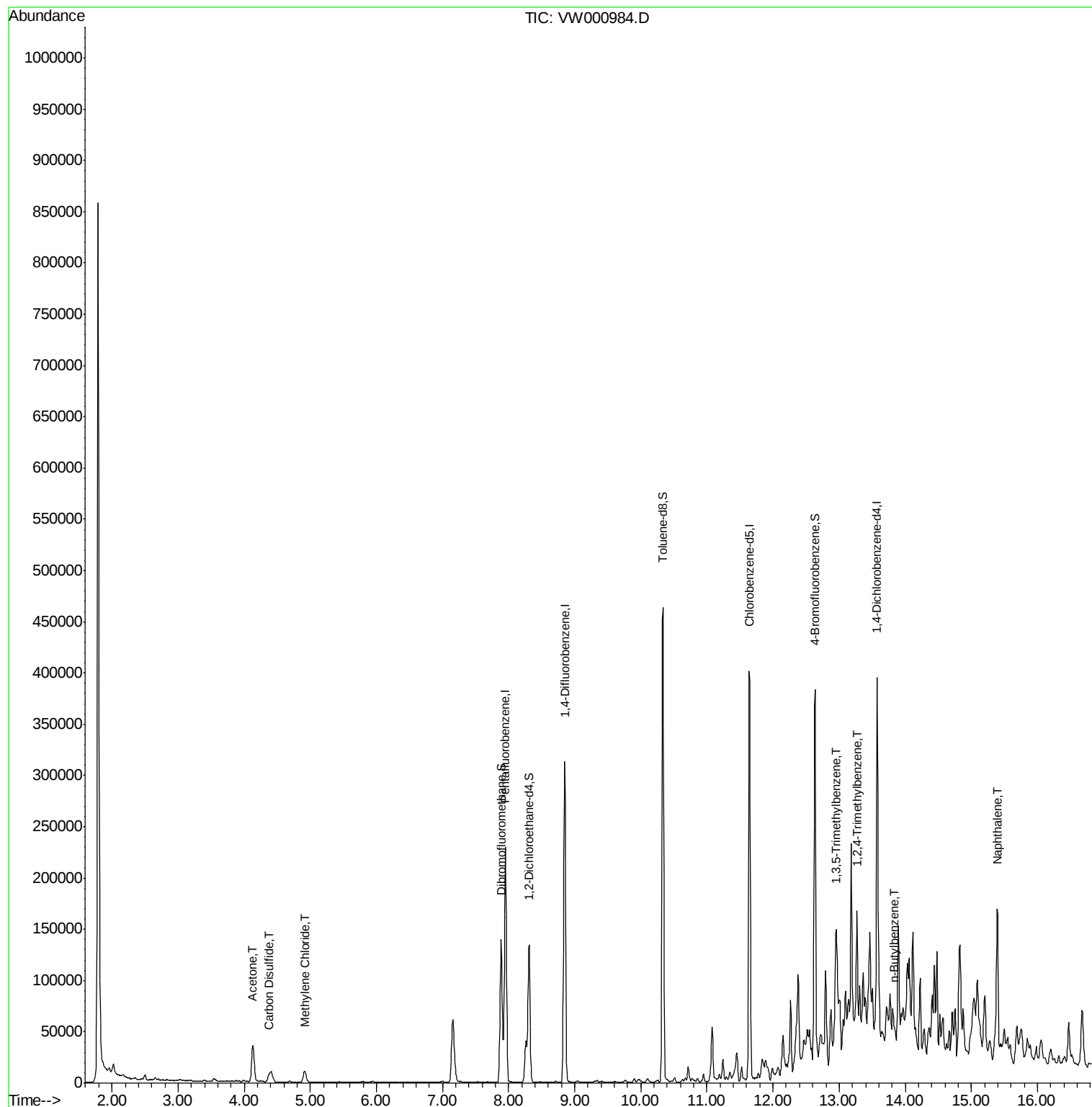
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	59459	93.54	ug/l	97
17) Carbon Disulfide	4.37	76	12697	2.68	ug/l	98
20) Methylene Chloride	4.92	84	8343	2.61	ug/l #	87
80) 1,3,5-Trimethylbenzene	12.96	105	12998	2.50	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	67091	12.76	ug/l	98
89) n-Butylbenzene	13.84	91	5646	1.03	ug/l #	78
95) Naphthalene	15.39	128	125128	28.63	ug/l	99

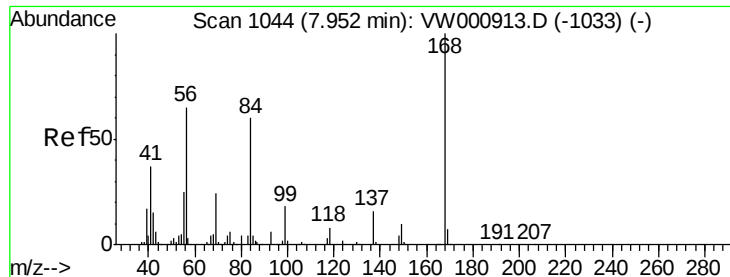
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-52-13.5-14.0

Quant Time: Jan 25 12:15:58 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 13:31:00 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: VW000984.D

Acq: 25 Jan 2018 06:58

Instrument :

MSVOA_W

ClientSampleId :

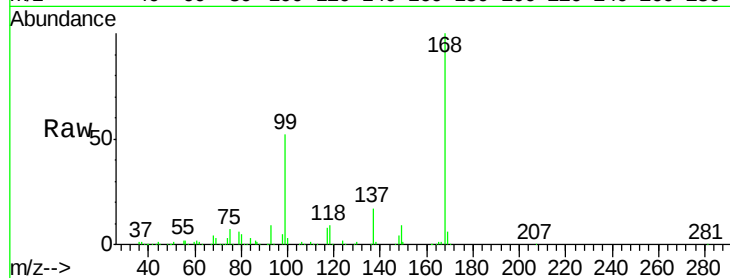
SB-52-13.5-14.0

Tot Ion:168 Resp: 177145

Ion Ratio Lower Upper

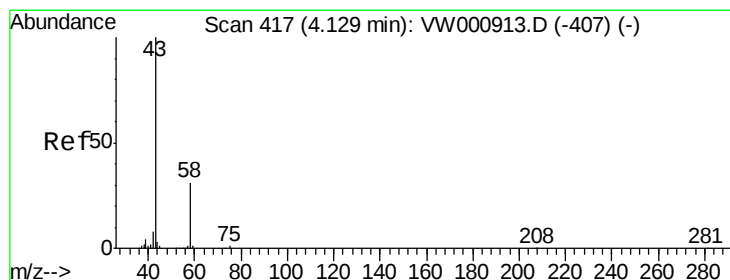
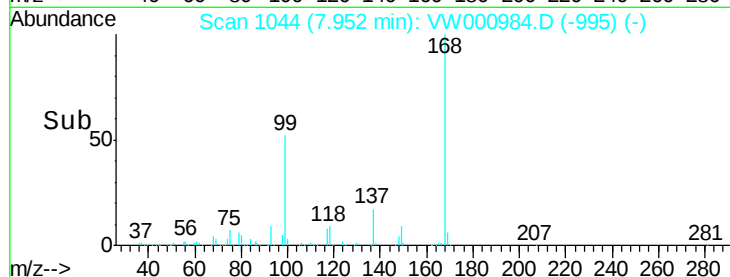
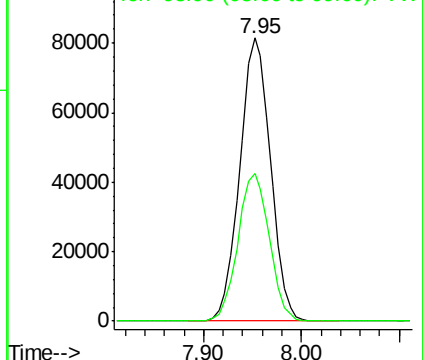
168 100

99 52.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 93.54 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.00 min

Lab File: VW000984.D

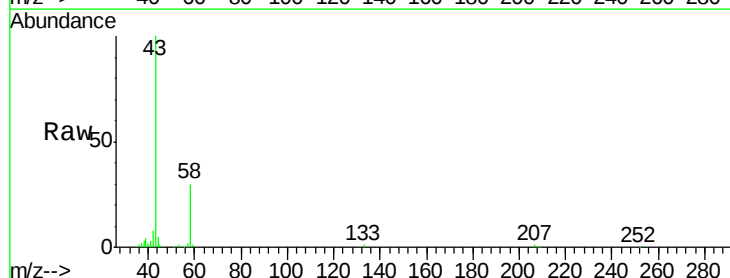
Acq: 25 Jan 2018 06:58

Tgt Ion: 43 Resp: 59459

Ion Ratio Lower Upper

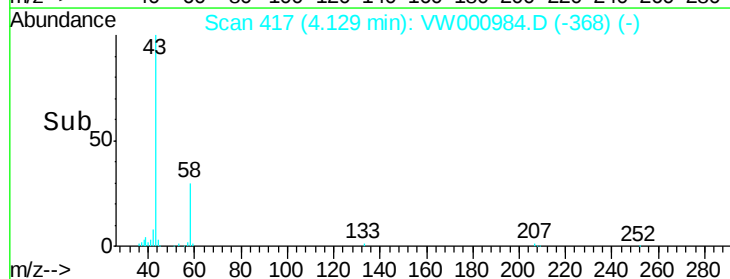
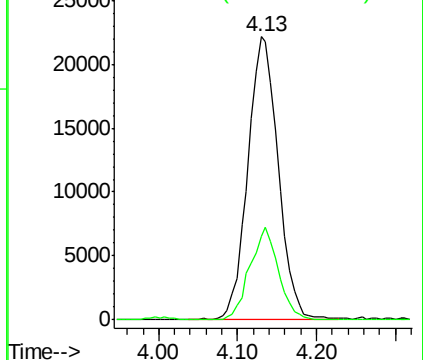
43 100

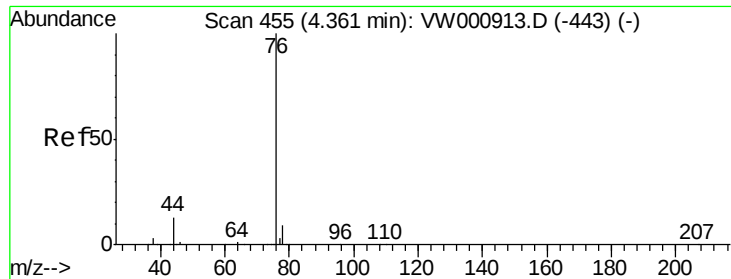
58 29.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

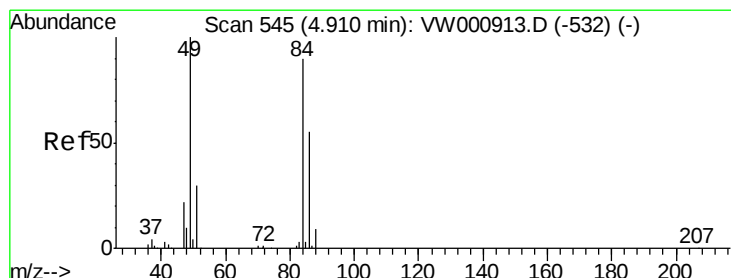
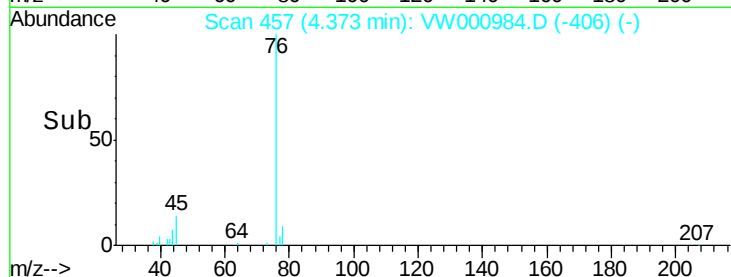
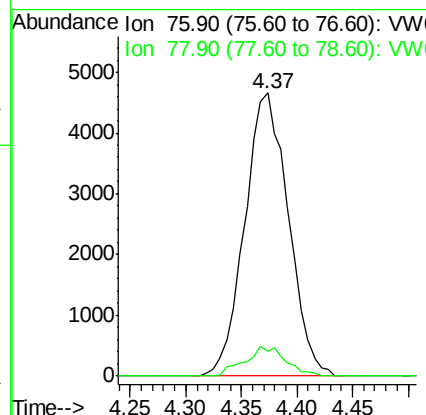
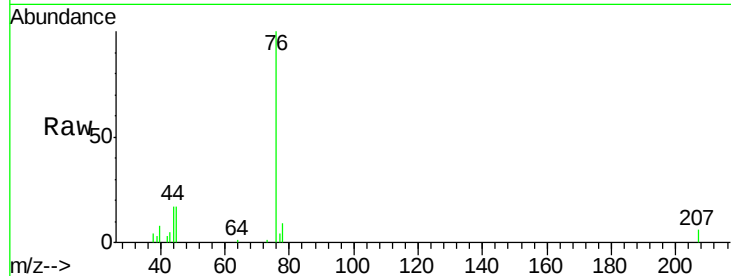




#17
Carbon Disulfide
Concen: 2.68 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW000984.D
Acq: 25 Jan 2018 06:58

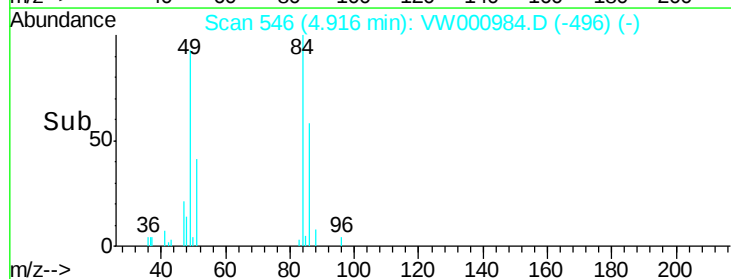
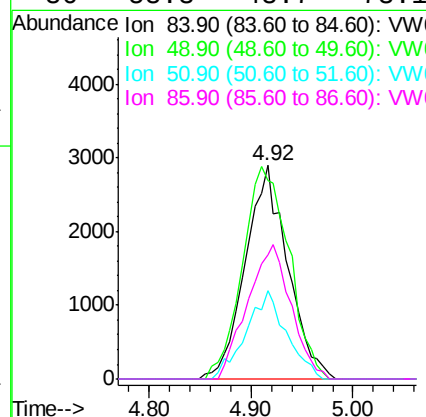
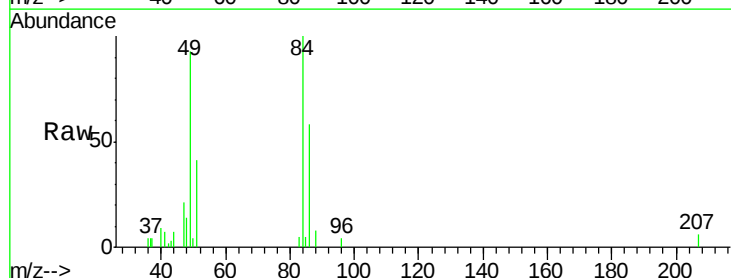
Instrument :
MSVOA_W
ClientSampleId :
SB-52-13.5-14.0

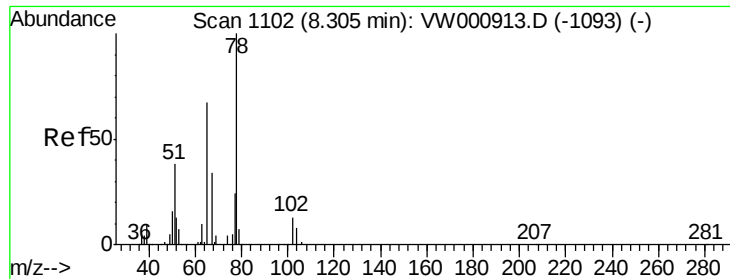
Tot Ion: 76 Resp: 12697
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#20
Methylene Chloride
Concen: 2.61 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW000984.D
Acq: 25 Jan 2018 06:58

Tgt Ion: 84 Resp: 8343
Ion Ratio Lower Upper
84 100
49 92.8 89.0 133.4
51 41.1 26.7 40.1#
86 58.3 48.7 73.1

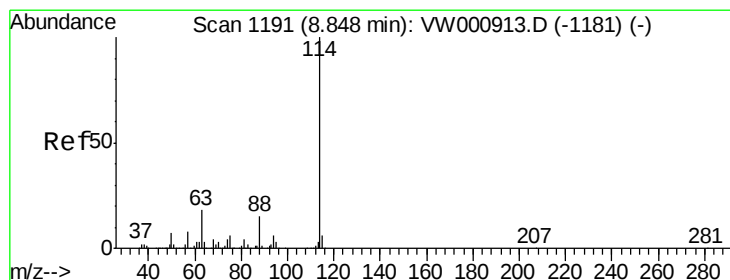
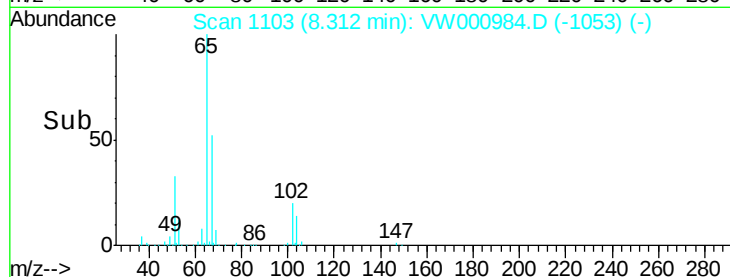
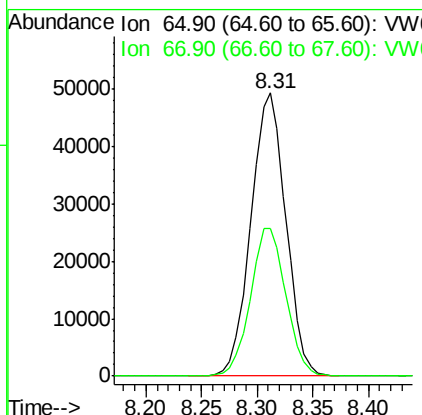
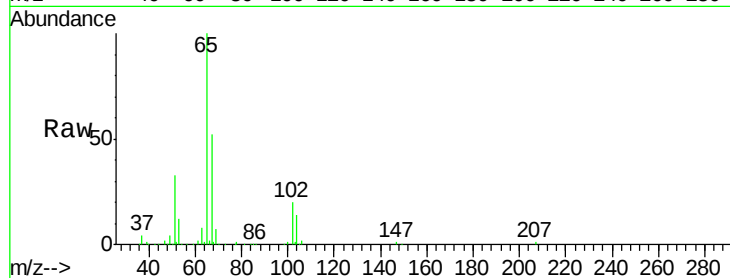




#33
 1,2-Dichloroethane-d4
 Concen: 63.50 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW000984.D
 Acq: 25 Jan 2018 06:58

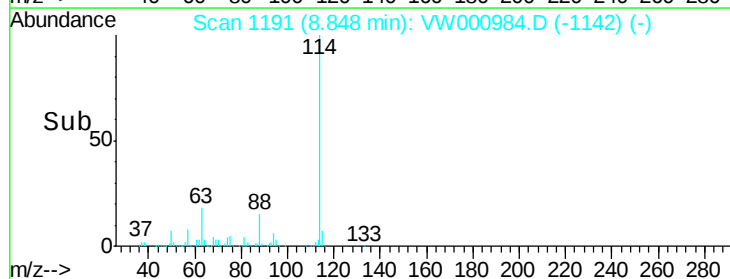
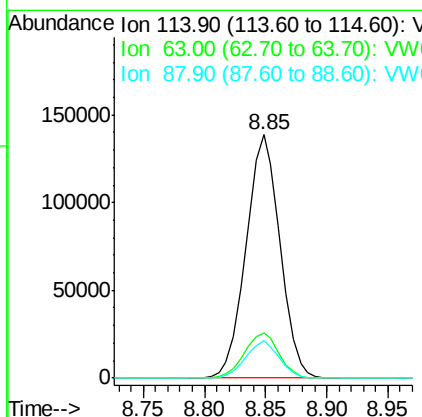
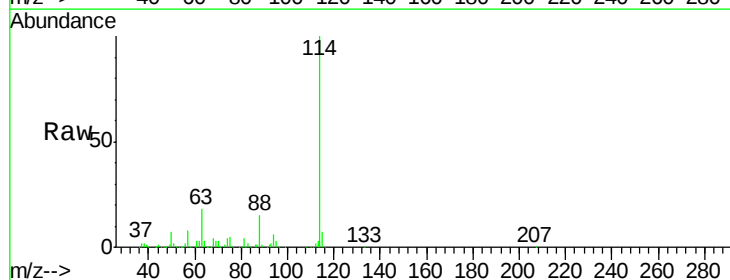
Instrument :
 MSVOA_W
 ClientSampled :
 SB-52-13.5-14.0

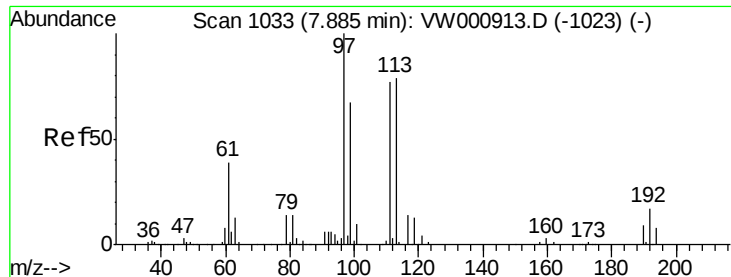
Tot Ion: 65 Resp: 107820
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW000984.D
 Acq: 25 Jan 2018 06:58

Tgt Ion: 114 Resp: 267804
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 15.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 60.25 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW000984.D

Acq: 25 Jan 2018 06:58

Instrument :

MSVOA_W

ClientSampleId :

SB-52-13.5-14.0

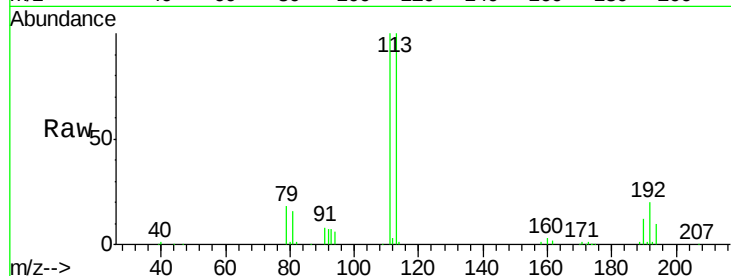
Tot Ion:113 Resp: 98838

Ion Ratio Lower Upper

113 100

111 101.7 80.4 120.6

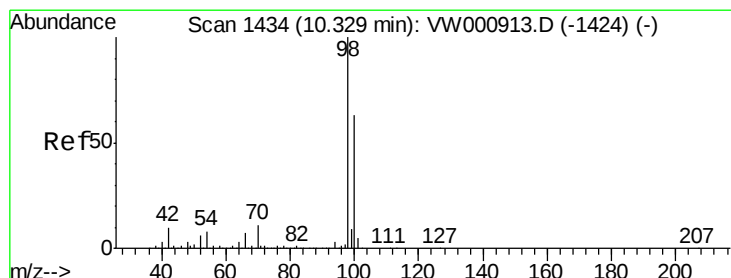
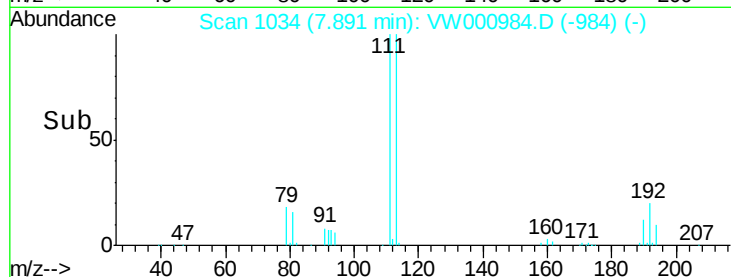
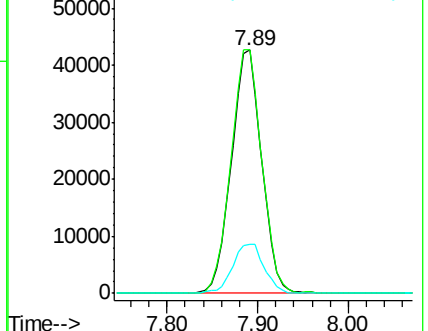
192 21.1 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 48.81 ug/l

RT: 10.34 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW000984.D

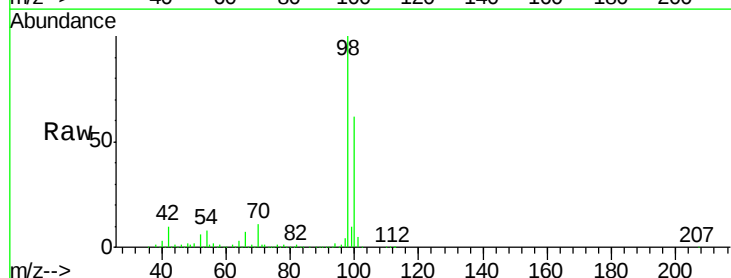
Acq: 25 Jan 2018 06:58

Tgt Ion: 98 Resp: 315697

Ion Ratio Lower Upper

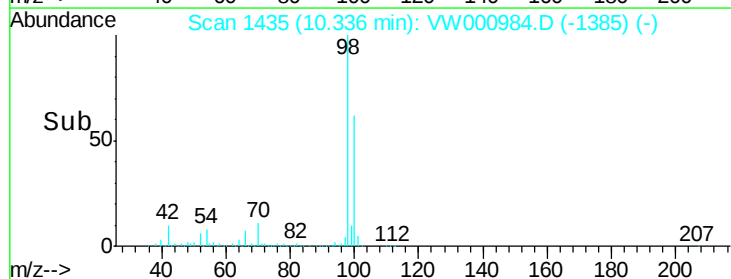
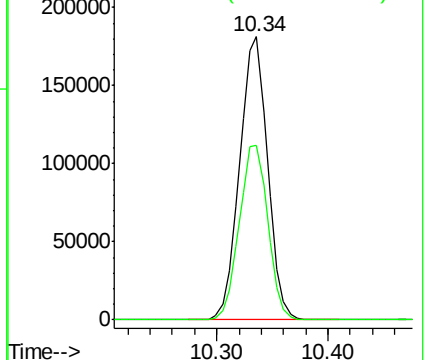
98 100

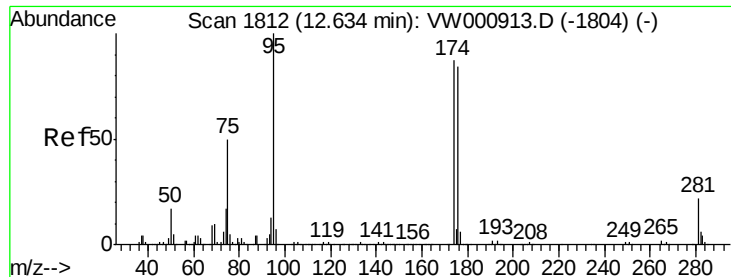
100 63.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

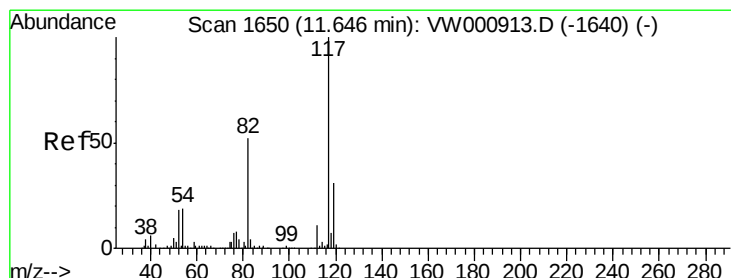
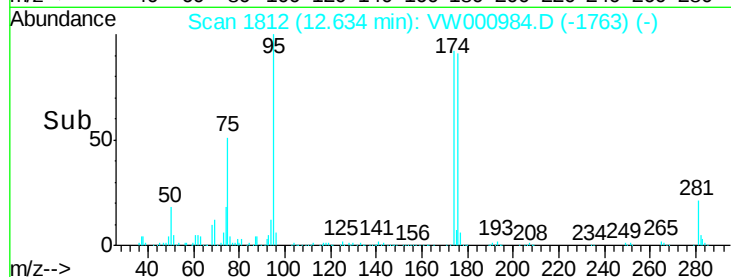
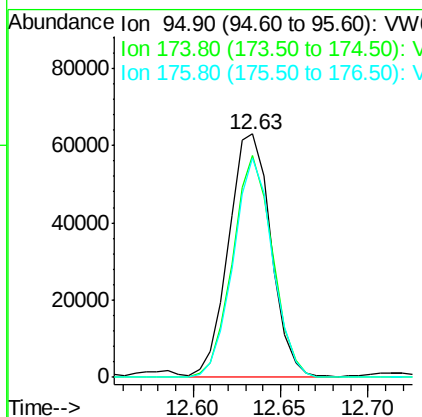
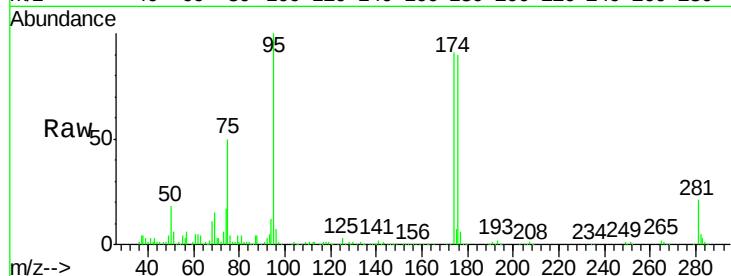




#62
4-Bromofluorobenzene
Concen: 44.61 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW000984.D
Acq: 25 Jan 2018 06:58

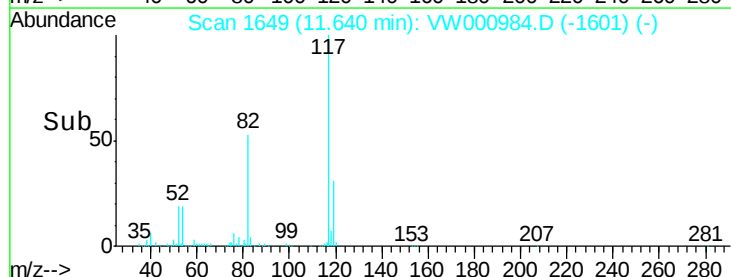
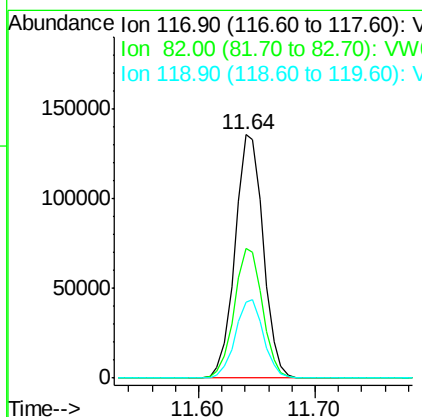
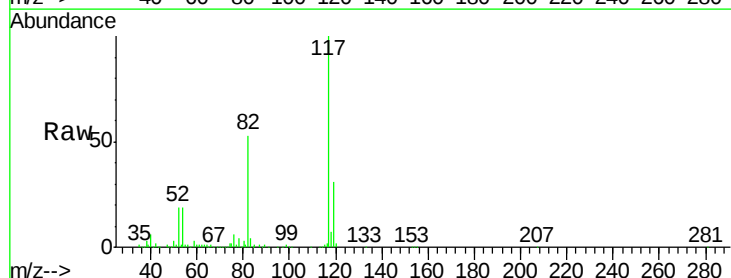
Instrument :
MSVOA_W
ClientSampleId :
SB-52-13.5-14.0

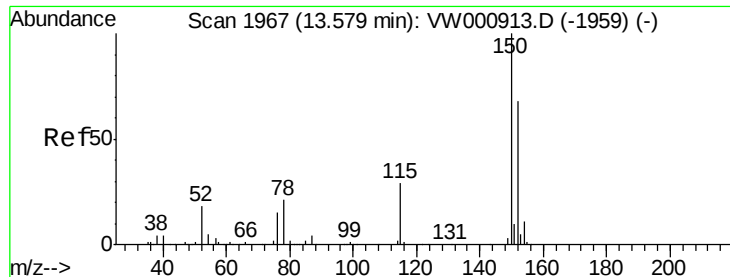
Tot Ion	95	Resp	105066
Ion Ratio	Lower	Upper	
95	100		
174	86.7	0.0	176.8
176	84.5	0.0	171.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000984.D
Acq: 25 Jan 2018 06:58

Tgt Ion	117	Resp	228902
Ion Ratio	Lower	Upper	
117	100		
82	53.3	41.8	62.6
119	31.2	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.01 min

Lab File: VW000984.D

Acq: 25 Jan 2018 06:58

Instrument :

MSVOA_W

ClientSampleId :

SB-52-13.5-14.0

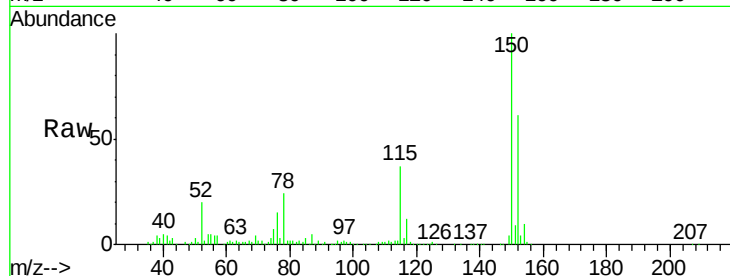
Tot Ion:152 Resp: 94582

Ion Ratio Lower Upper

152 100

115 57.2 28.5 85.5

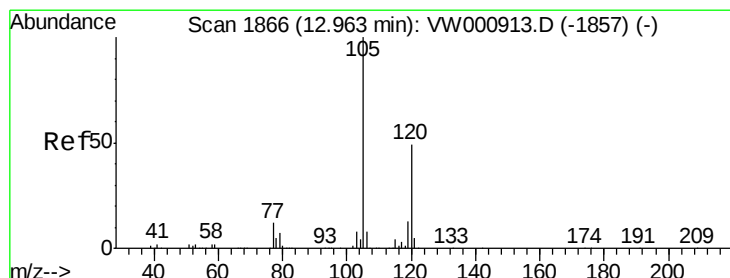
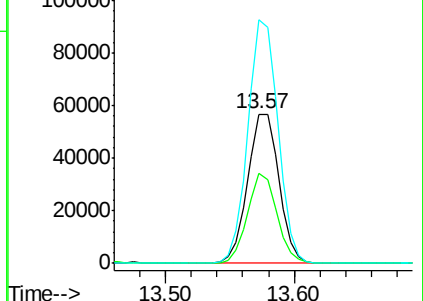
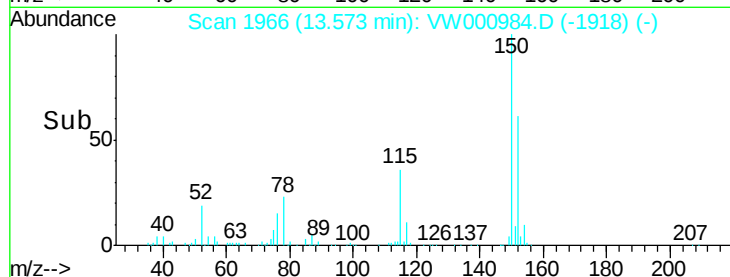
150 157.0 0.0 342.0



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: 2.50 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.01 min

Lab File: VW000984.D

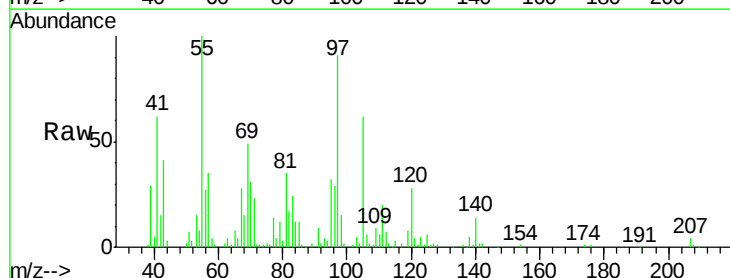
Acq: 25 Jan 2018 06:58

Tgt Ion:105 Resp: 12998

Ion Ratio Lower Upper

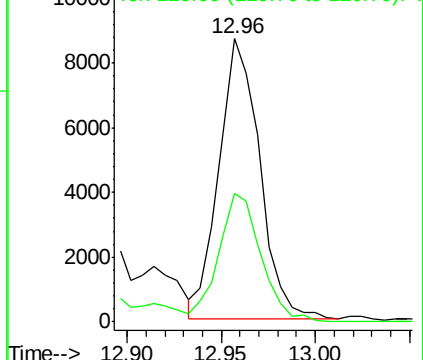
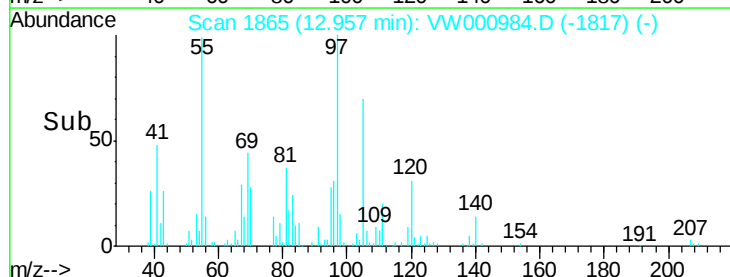
105 100

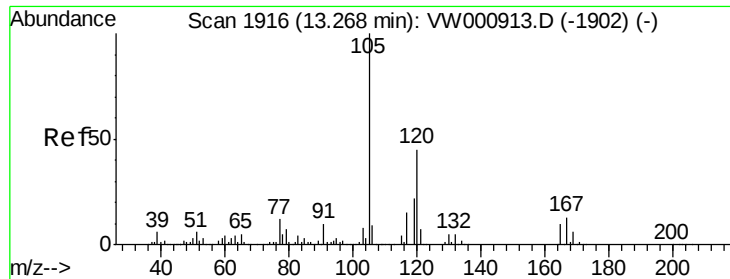
120 47.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

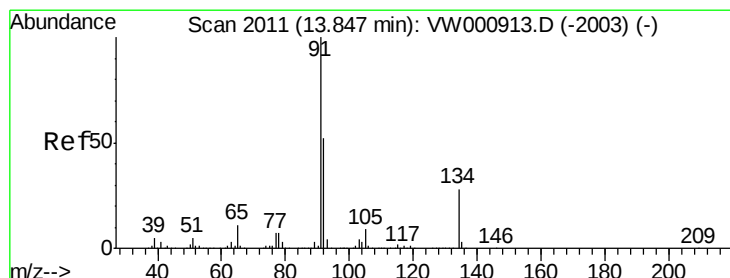
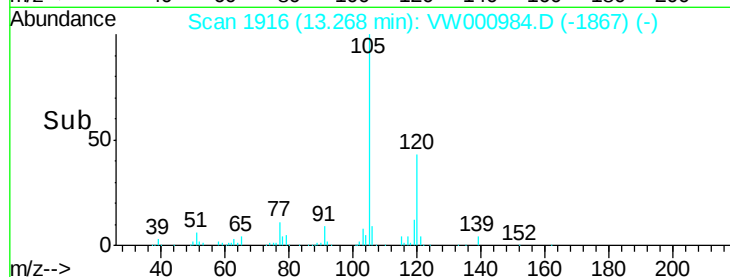
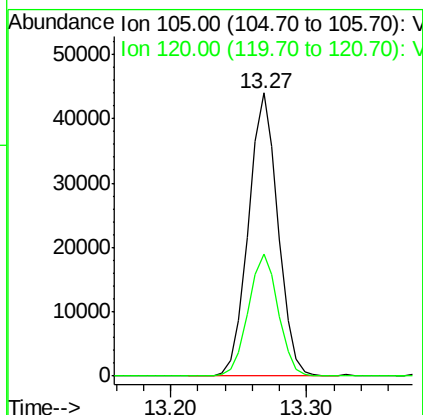
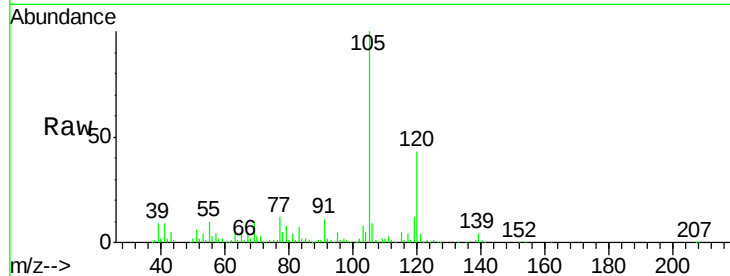




#84
 1,2,4-Trimethylbenzene
 Concen: 12.76 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW000984.D
 Acq: 25 Jan 2018 06:58

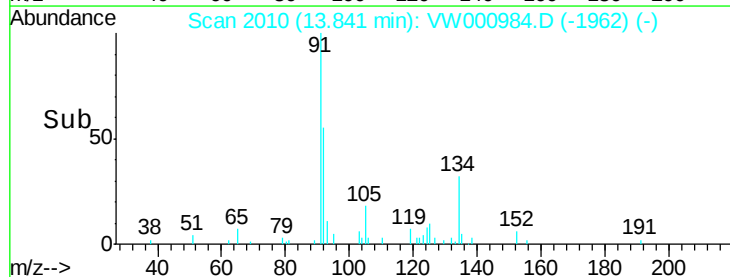
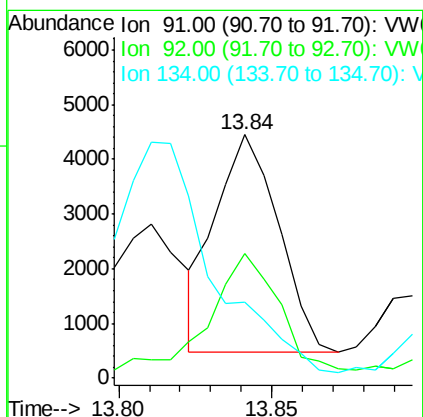
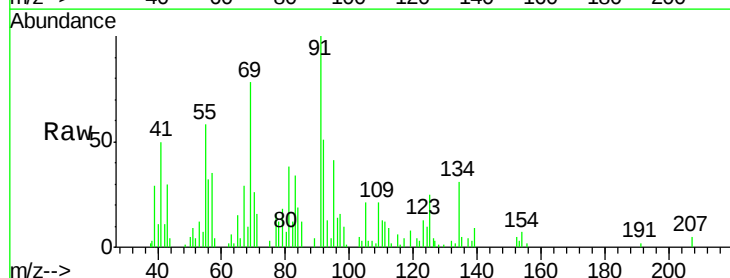
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-52-13.5-14.0

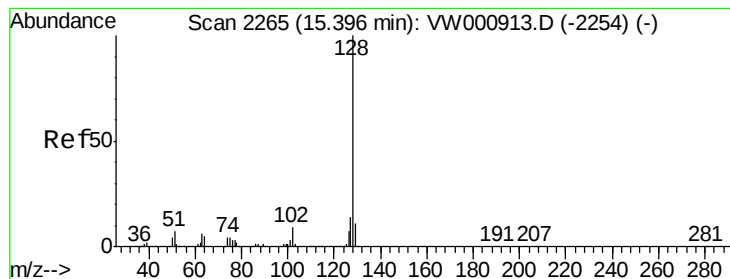
Tot Ion:105 Resp: 67091
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.4 67.0



#89
 n-Butylbenzene
 Concen: 1.03 ug/l
 RT: 13.84 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: VW000984.D
 Acq: 25 Jan 2018 06:58

Tgt Ion: 91 Resp: 5646
 Ion Ratio Lower Upper
 91 100
 92 56.6 26.2 78.6
 134 0.0 13.7 41.1#





#95

Naphthalene

Concen: 28.63 ug/l

RT: 15.39 min Scan# 2264

Delta R.T. -0.01 min

Lab File: VW000984.D

Acq: 25 Jan 2018 06:58

Instrument :

MSVOA_W

ClientSampleId :

SB-52-13.5-14.0

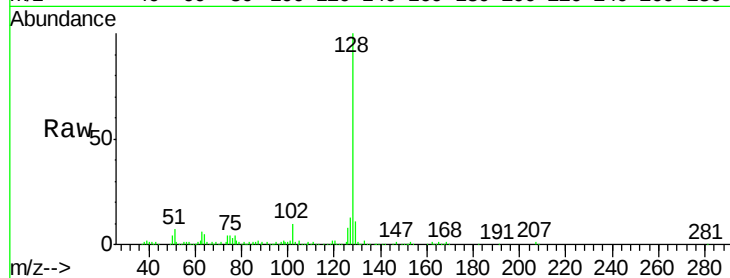
Tot Ion:128 Resp: 125128

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 11.7 8.7 13.1



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

