

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007784.D
 Acq On : 21 Dec 2018 09:58
 Operator : SY/AP
 Sample : J6389-09
 Misc : 4.12G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS014-0006-01

Quant Time: Dec 24 23:40:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

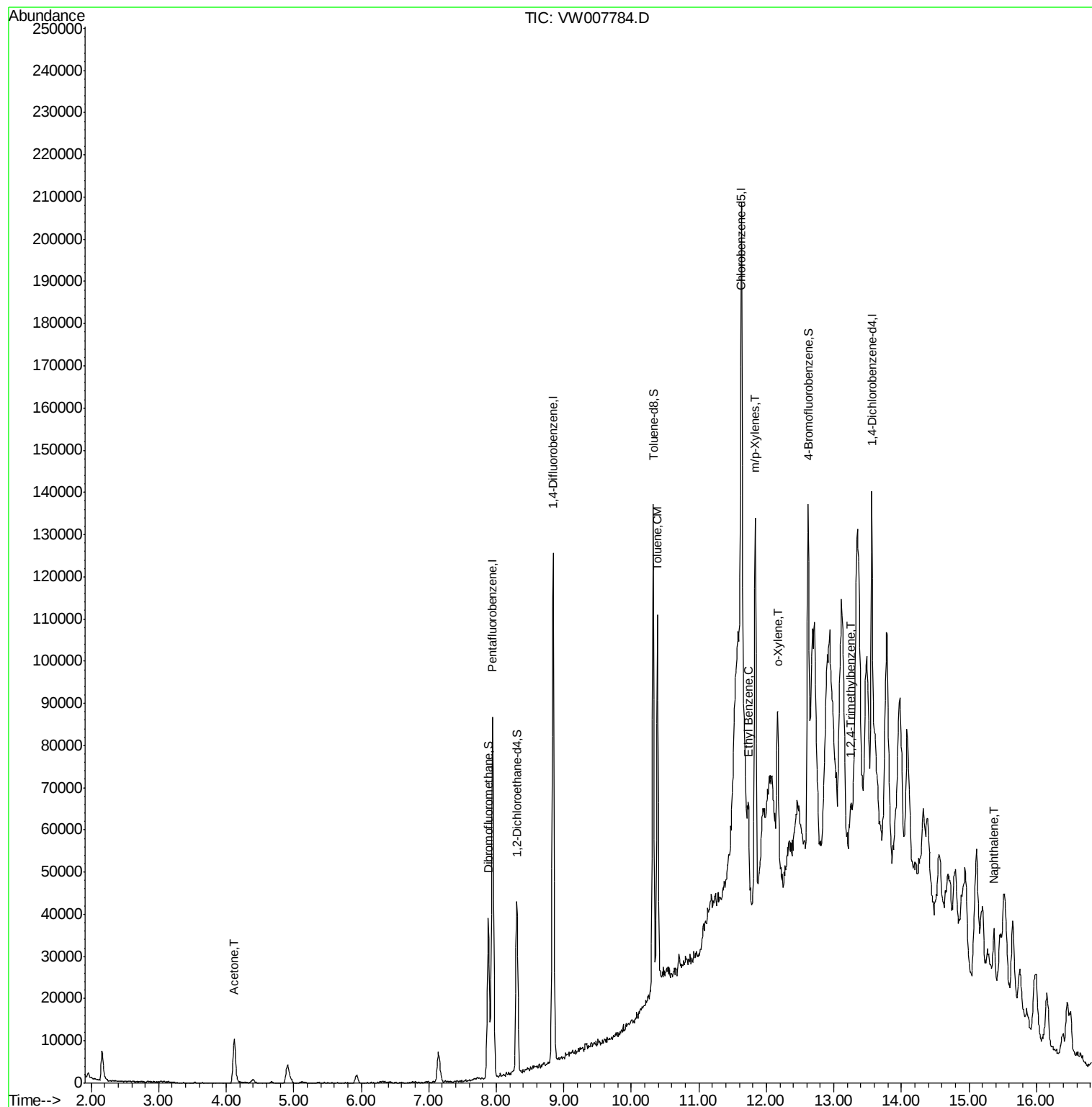
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	101999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	64530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	34218	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
35) Dibromofluoromethane	7.88	113	27568	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.60%	
50) Toluene-d8	10.32	98	78317	33.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.78%	
62) 4-Bromofluorobenzene	12.62	95	24023	26.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.02%	
Target Compounds						
16) Acetone	4.12	43	18862	143.444	ug/l	93
52) Toluene	10.39	92	38907	22.074	ug/l	100
67) Ethyl Benzene	11.73	91	10358	4.322	ug/l	95
68) m/p-Xylenes	11.83	106	27540	29.622	ug/l	95
69) o-Xylene	12.17	106	8819	10.119	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	3505	2.828	ug/l	94
95) Naphthalene	15.37	128	5771	7.752	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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ClientSampleId :

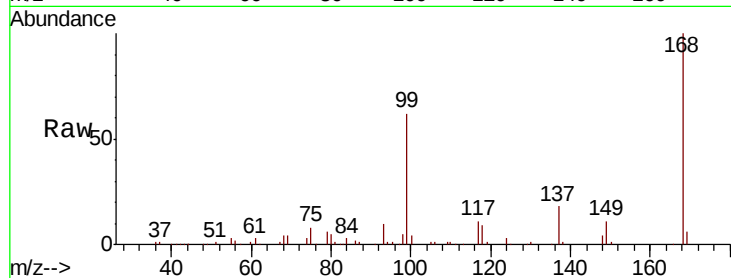
P001-SS014-0006-01

Tgt Ion:168 Resp: 64067

Ion Ratio Lower Upper

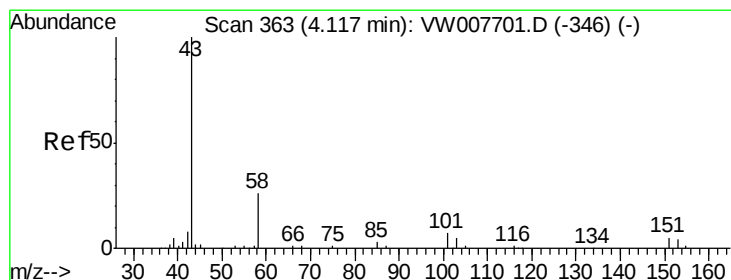
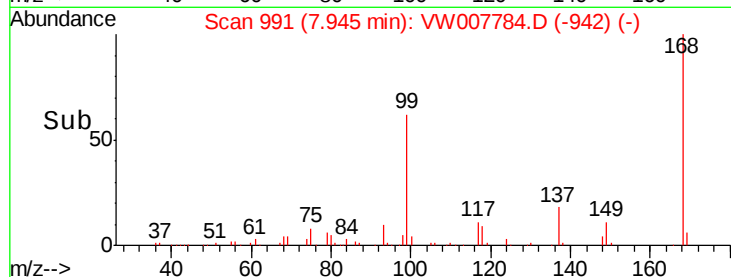
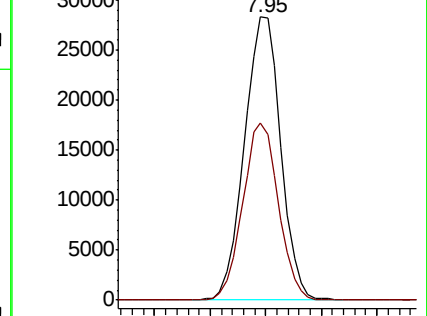
168 100

99 62.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 143.444 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007784.D

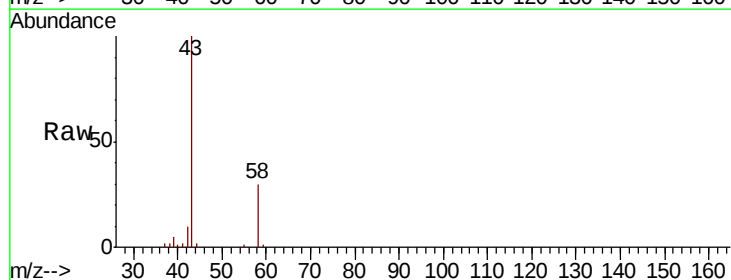
Acq: 21 Dec 2018 09:58

Tgt Ion: 43 Resp: 18862

Ion Ratio Lower Upper

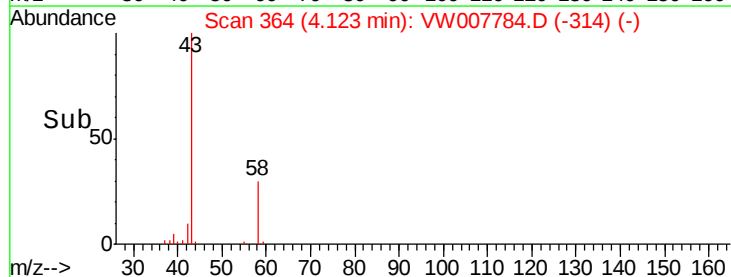
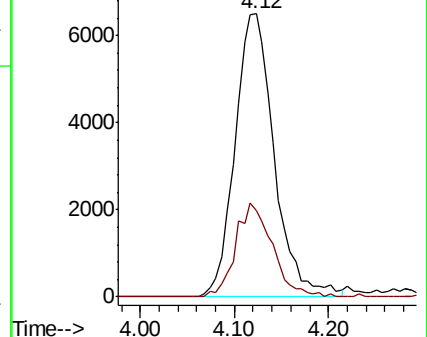
43 100

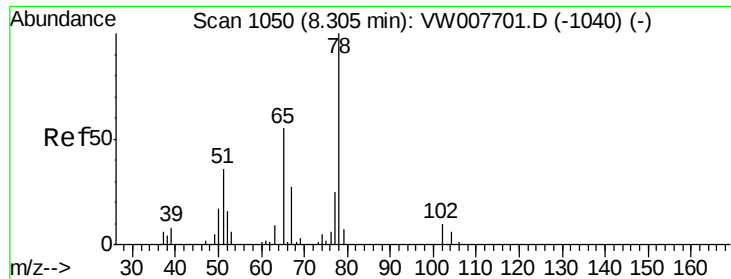
58 30.3 21.2 31.8



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: 48.730 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007784.D

Acq: 21 Dec 2018 09:58

Instrument :

MSVOA_W

ClientSampleId :

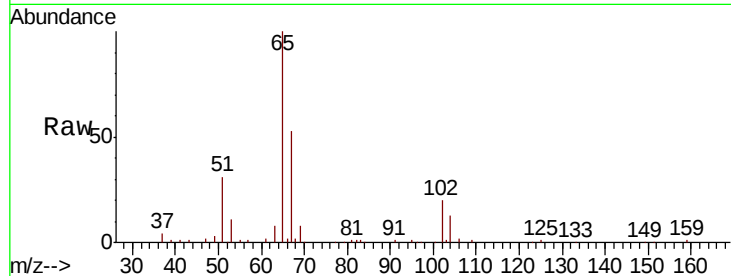
P001-SS014-0006-01

Tgt Ion: 65 Resp: 34218

Ion Ratio Lower Upper

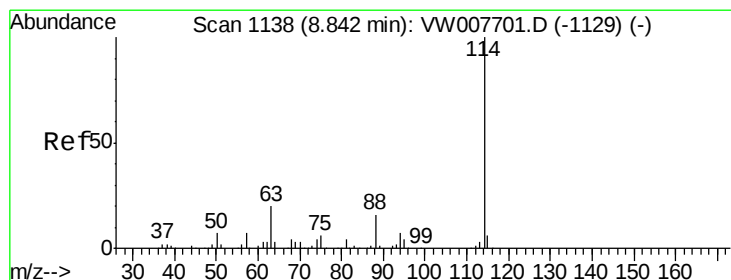
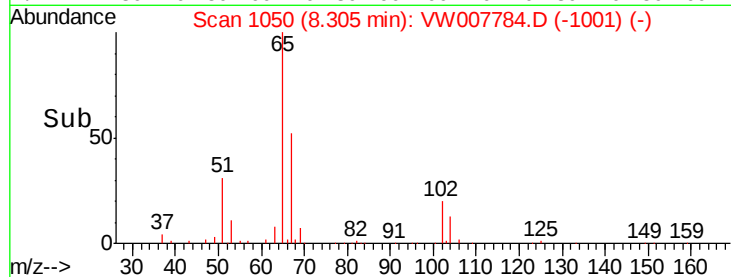
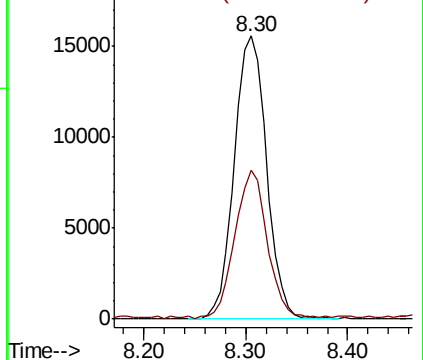
65 100

67 51.9 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007784.D

Acq: 21 Dec 2018 09:58

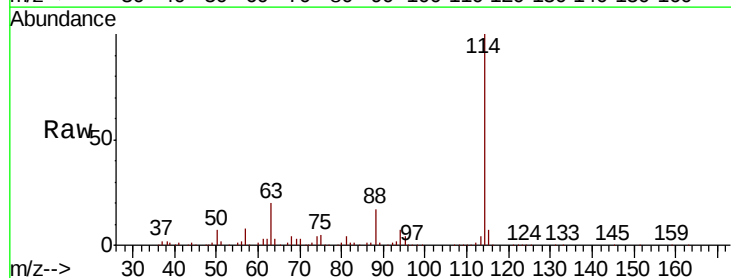
Tgt Ion: 114 Resp: 101999

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

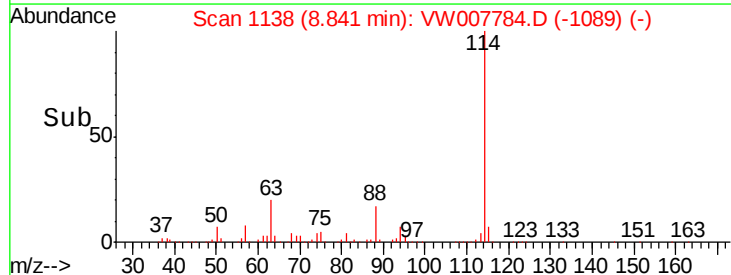
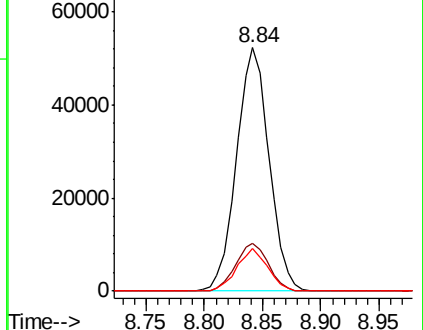
88 17.4 0.0 32.6

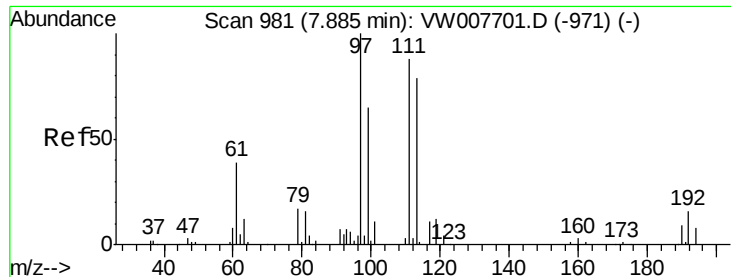


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 44.304 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007784.D

Acq: 21 Dec 2018 09:58

Instrument :

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ClientSampleId :

P001-SS014-0006-01

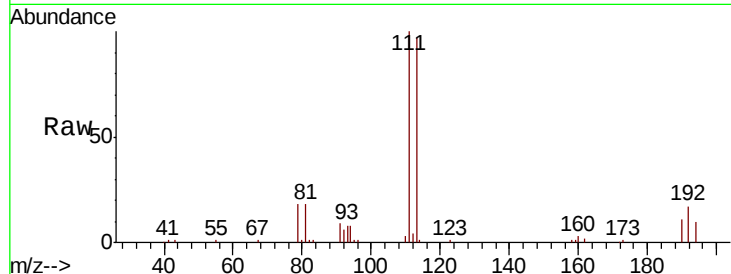
Tgt Ion:113 Resp: 27568

Ion Ratio Lower Upper

113 100

111 105.8 82.6 124.0

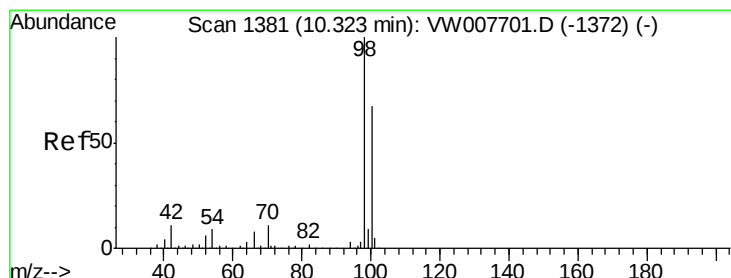
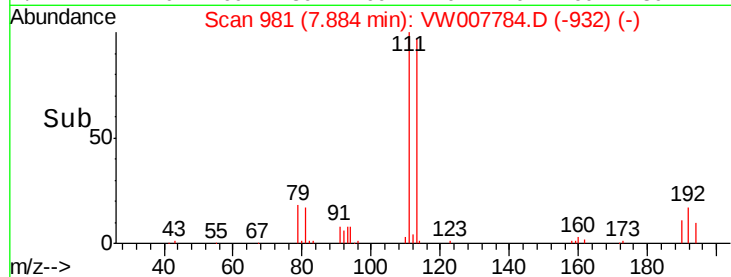
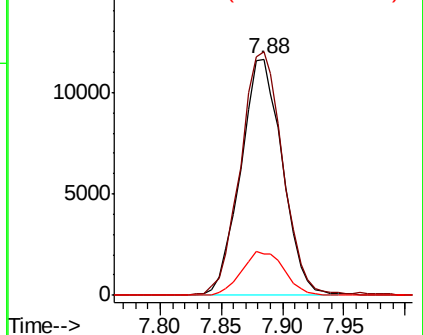
192 18.8 15.5 23.3



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: 33.386 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007784.D

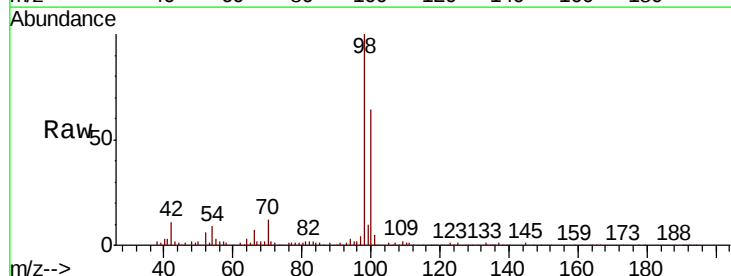
Acq: 21 Dec 2018 09:58

Tgt Ion: 98 Resp: 78317

Ion Ratio Lower Upper

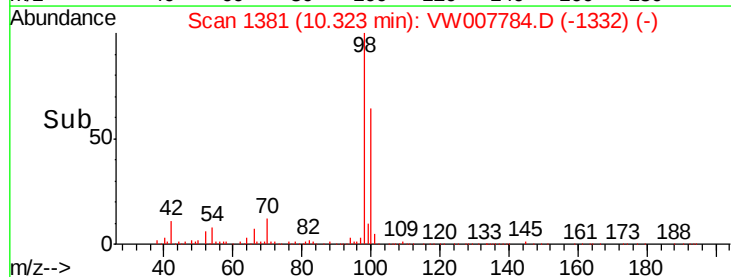
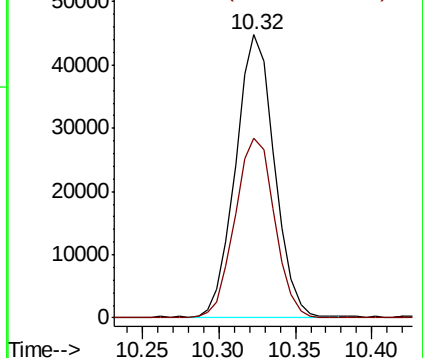
98 100

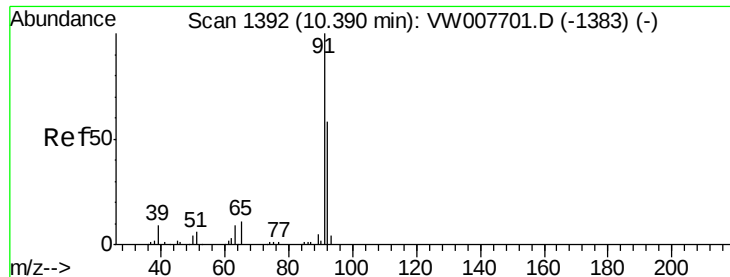
100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 22.074 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007784.D

Acq: 21 Dec 2018 09:58

Instrument :

MSVOA_W

ClientSampleId :

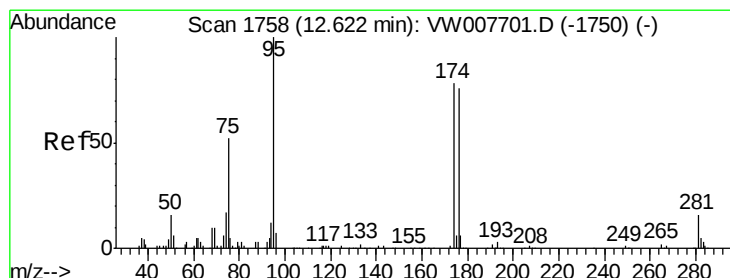
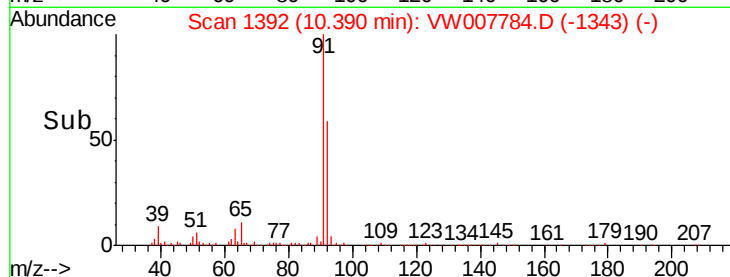
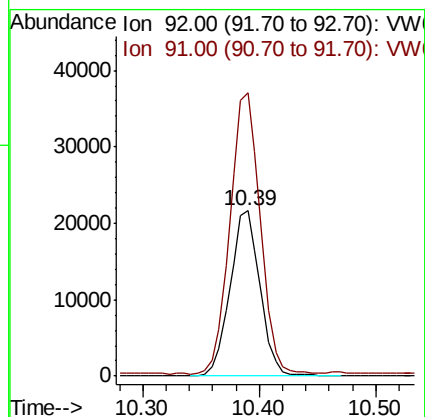
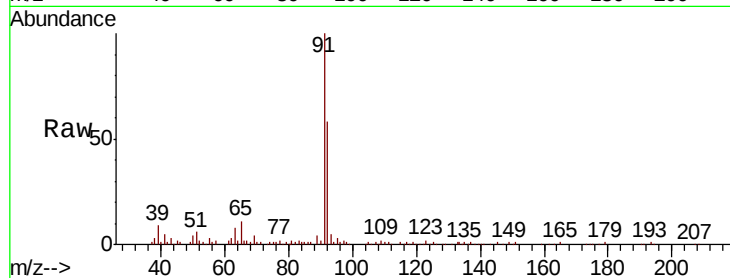
P001-SS014-0006-01

Tgt Ion: 92 Resp: 38907

Ion Ratio Lower Upper

92 100

91 170.5 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 26.509 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007784.D

Acq: 21 Dec 2018 09:58

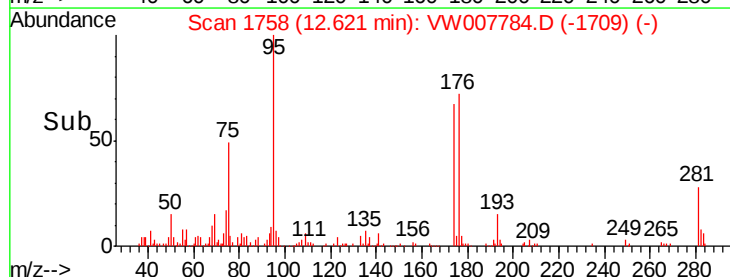
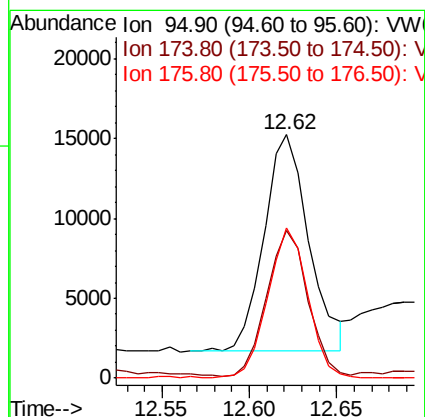
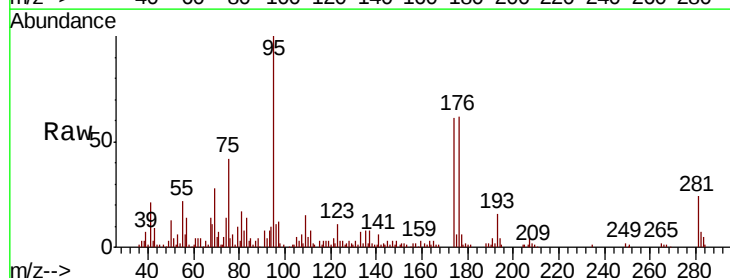
Tgt Ion: 95 Resp: 24023

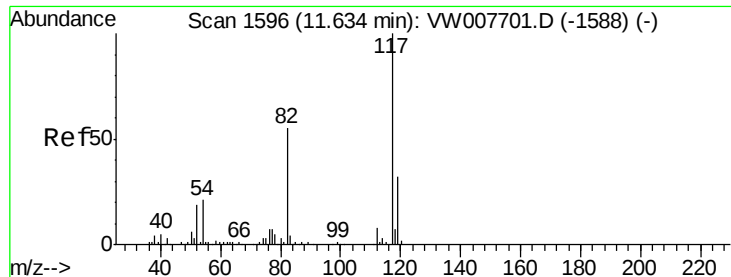
Ion Ratio Lower Upper

95 100

174 61.8 0.0 152.2

176 62.4 0.0 146.8

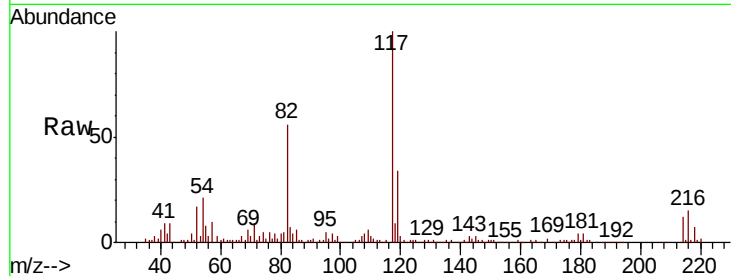




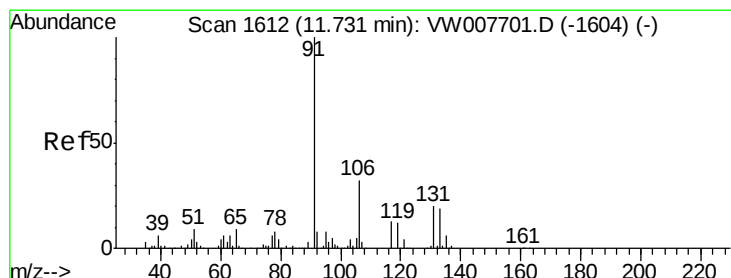
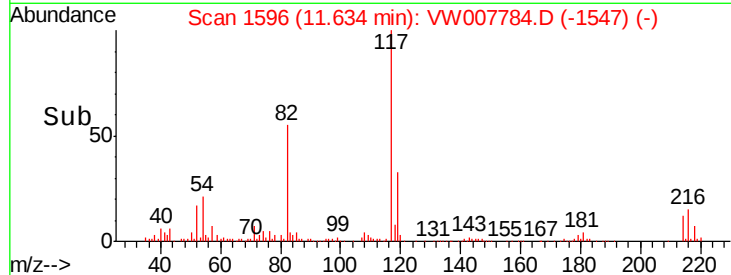
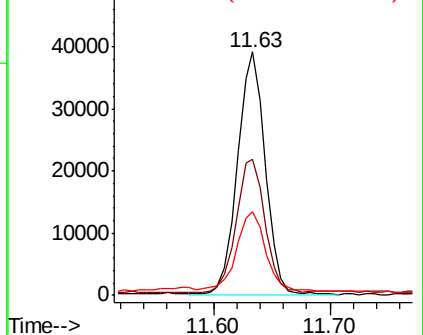
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007784.D
Acq: 21 Dec 2018 09:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS014-0006-01

Tgt Ion:117 Resp: 64530
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 33.0 25.7 38.5

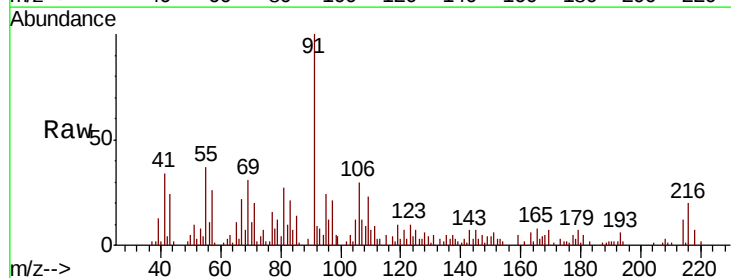


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

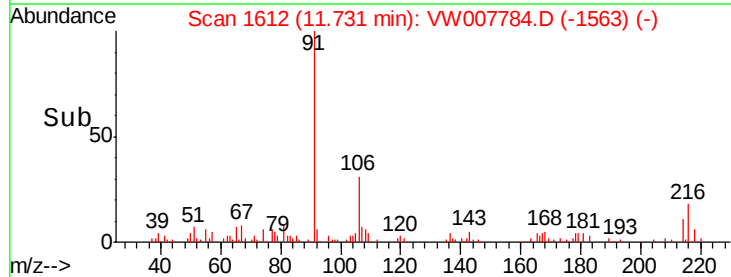
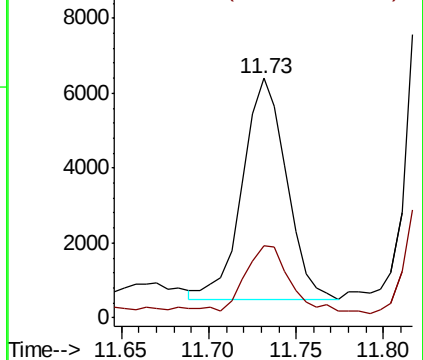


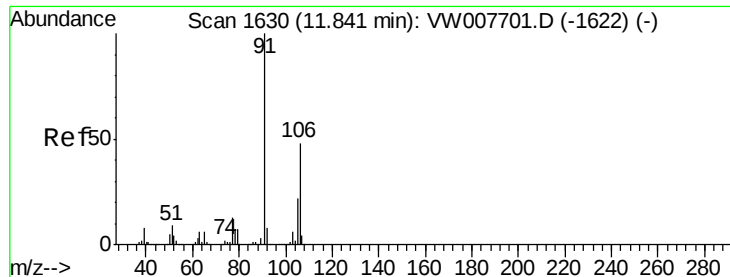
#67
Ethyl Benzene
Concen: 4.322 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007784.D
Acq: 21 Dec 2018 09:58

Tgt Ion: 91 Resp: 10358
Ion Ratio Lower Upper
91 100
106 29.4 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V

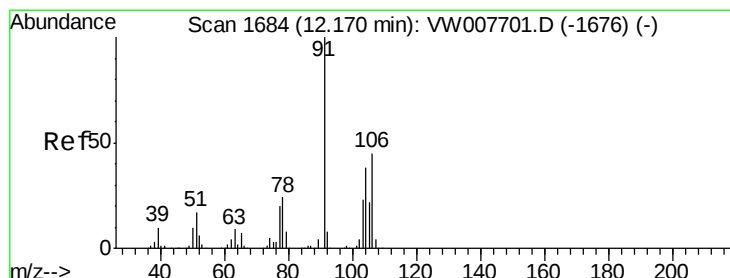
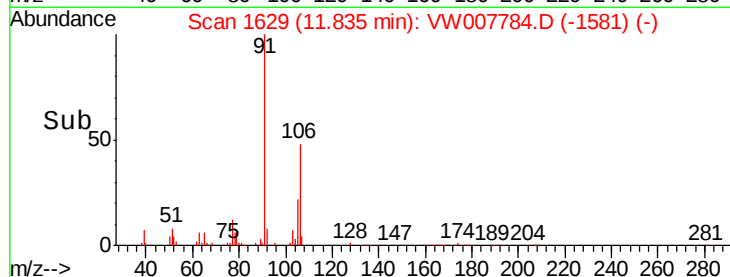
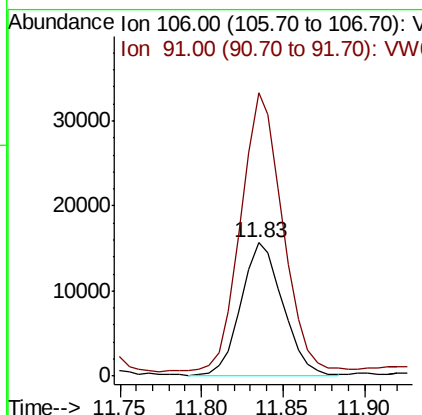
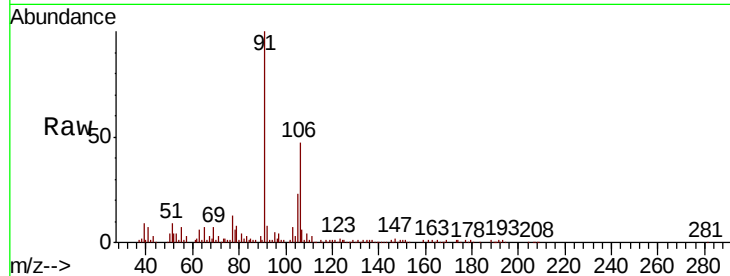




#68
m/p-Xylenes
Concen: 29.622 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007784.D
Acq: 21 Dec 2018 09:58

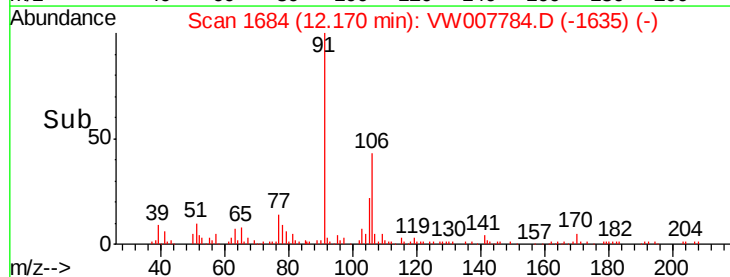
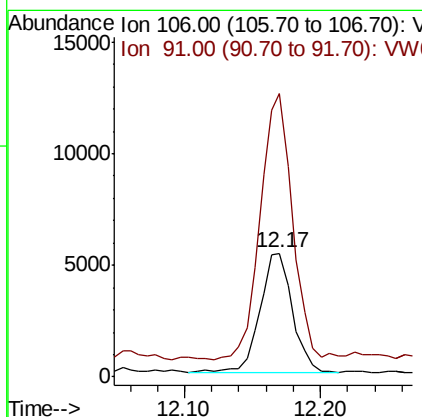
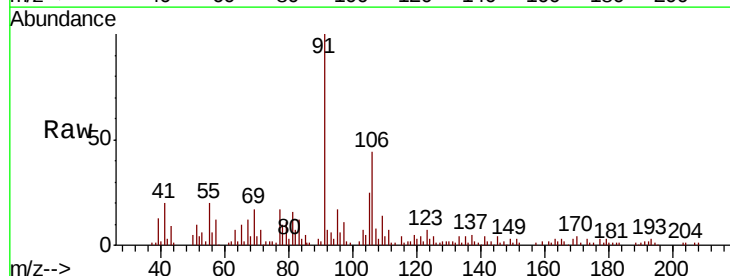
Instrument :
MSVOA_W
ClientSampleId :
P001-SS014-0006-01

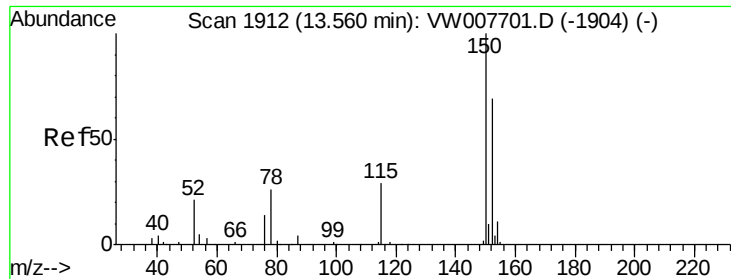
Tgt Ion:106 Resp: 27540
Ion Ratio Lower Upper
106 100
91 214.2 165.2 247.8



#69
o-Xylene
Concen: 10.119 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007784.D
Acq: 21 Dec 2018 09:58

Tgt Ion:106 Resp: 8819
Ion Ratio Lower Upper
106 100
91 223.4 110.5 331.4

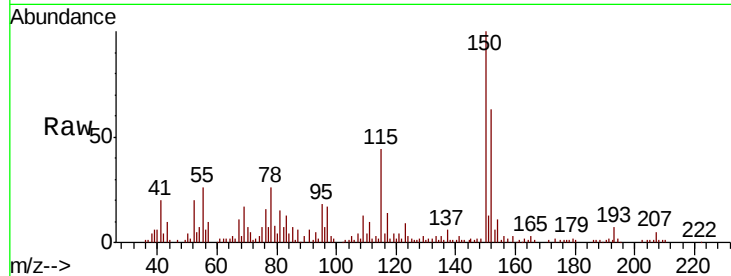




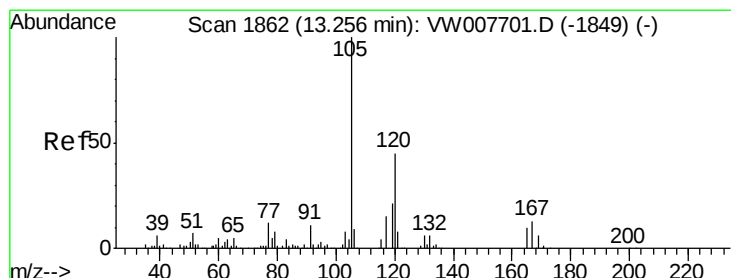
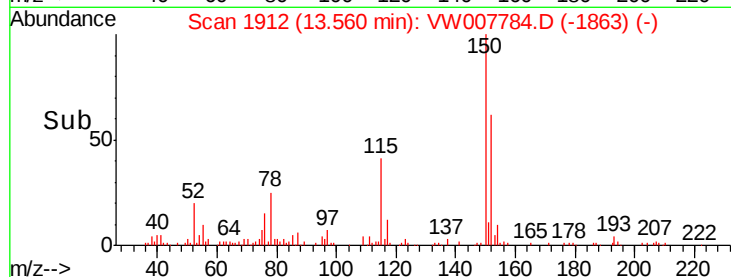
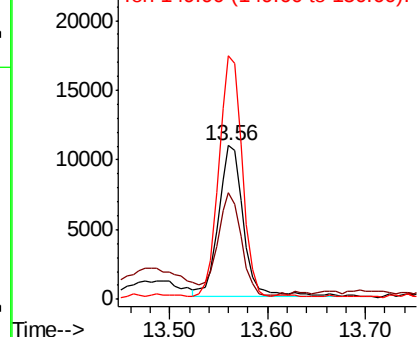
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007784.D
 Acq: 21 Dec 2018 09:58

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS014-0006-01

Tgt Ion:152 Resp: 18838
 Ion Ratio Lower Upper
 152 100
 115 64.2 31.8 95.4
 150 150.4 0.0 350.8

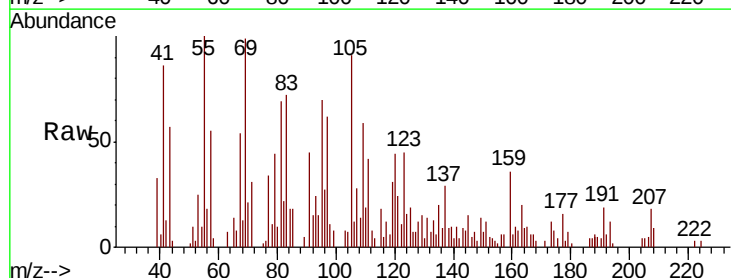


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

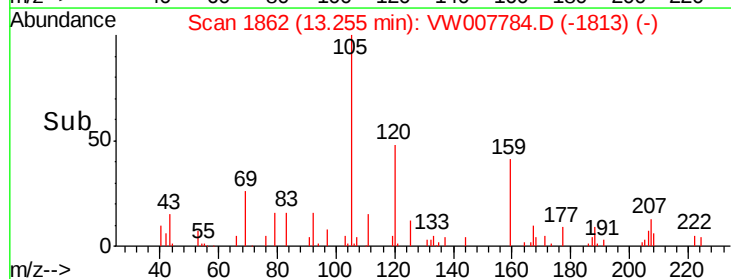
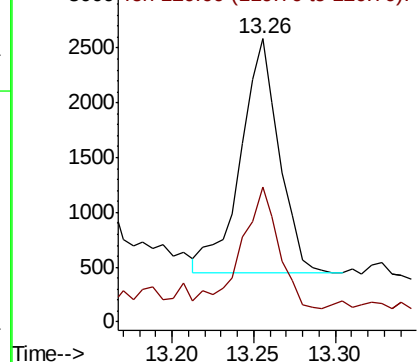


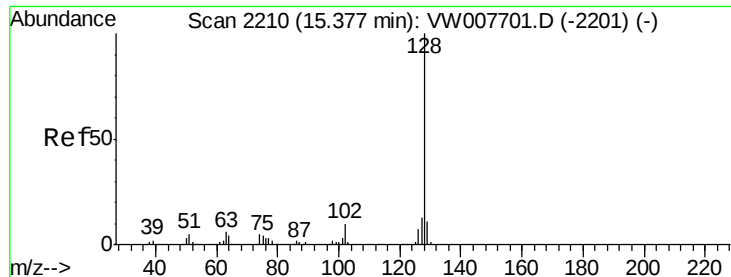
#84
 1,2,4-Trimethylbenzene
 Concen: 2.828 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007784.D
 Acq: 21 Dec 2018 09:58

Tgt Ion:105 Resp: 3505
 Ion Ratio Lower Upper
 105 100
 120 47.8 22.0 66.0



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





#95

Naphthalene

Concen: 7.752 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007784.D

Acq: 21 Dec 2018 09:58

Instrument :

MSVOA_W

ClientSampleId :

P001-SS014-0006-01

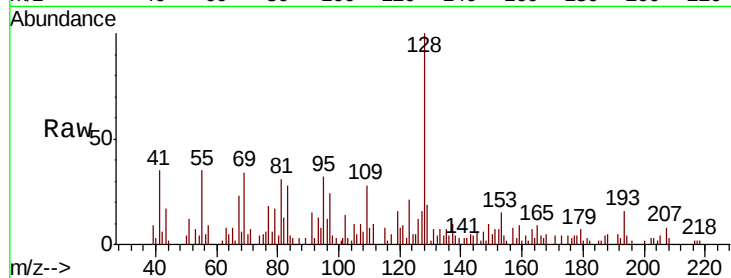
Tgt Ion:128 Resp: 5771

Ion Ratio Lower Upper

128 100

127 12.4 10.7 16.1

129 13.0 8.8 13.2



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

