

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007786.D
 Acq On : 21 Dec 2018 10:50
 Operator : SY/AP
 Sample : J6389-11
 Misc : 5.78G/5ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS014-1218-01

Quant Time: Dec 21 11:24:51 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	64684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	112787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	87572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29273	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	36606	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.26%		
35) Dibromofluoromethane	7.88	113	31462	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.46%		
50) Toluene-d8	10.32	98	97496	37.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	75.18%		
62) 4-Bromofluorobenzene	12.62	95	30613	30.55	ug/l	0.00
Spiked Amount 50.000			Recovery =	61.10%		

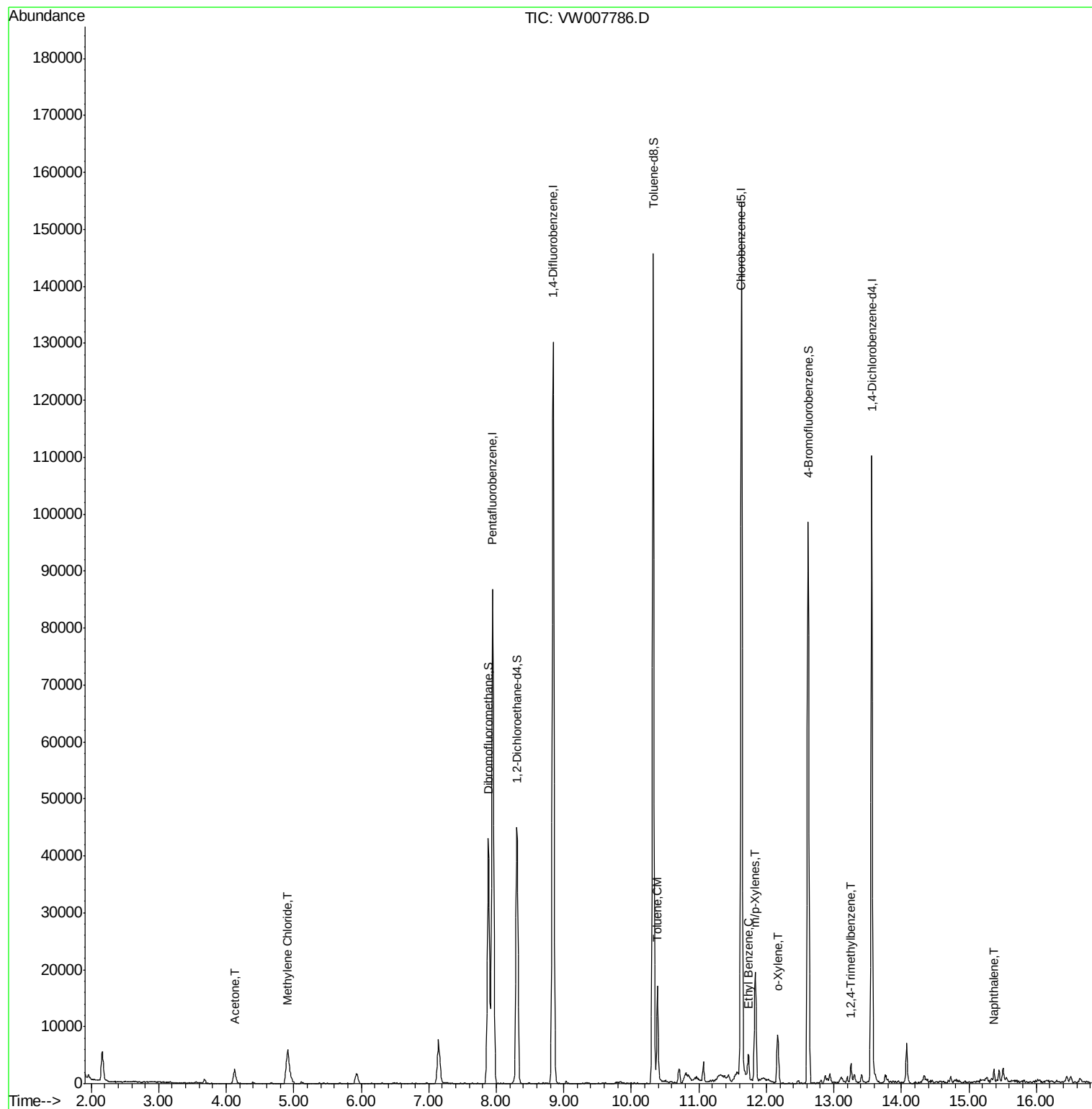
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	4385	33.029	ug/l	100
20) Methylene Chloride	4.92	84	5542	2.336	ug/l #	90
52) Toluene	10.38	92	7521	3.859	ug/l	99
67) Ethyl Benzene	11.74	91	3352	1.031	ug/l	92
68) m/p-Xylenes	11.84	106	6031	4.780	ug/l	100
69) o-Xylene	12.17	106	2207	1.866	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	2086	1.083	ug/l	97
95) Naphthalene	15.37	128	2100	1.815	ug/l	99

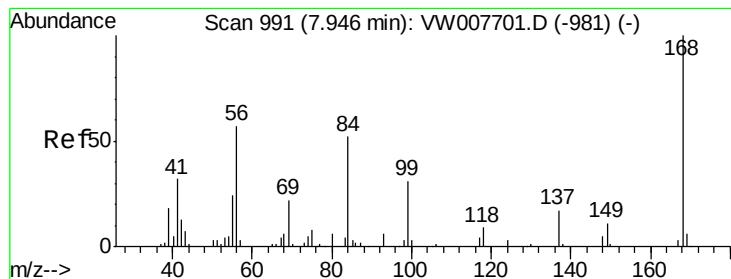
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007786.D

Acq: 21 Dec 2018 10:50

Instrument :

MSVOA_W

ClientSampleId :

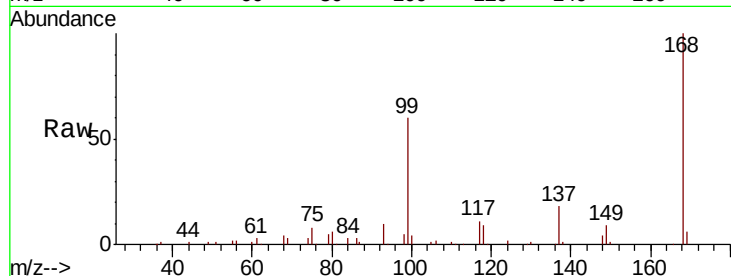
P001-SS014-1218-01

Tgt Ion:168 Resp: 64684

Ion Ratio Lower Upper

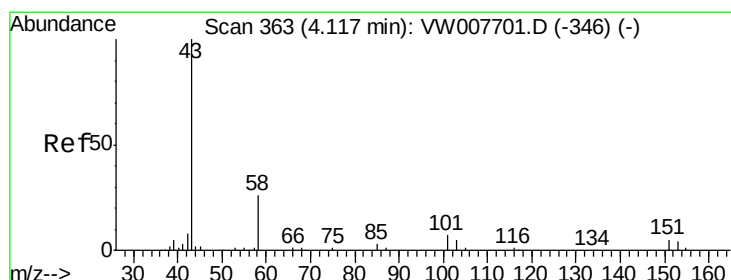
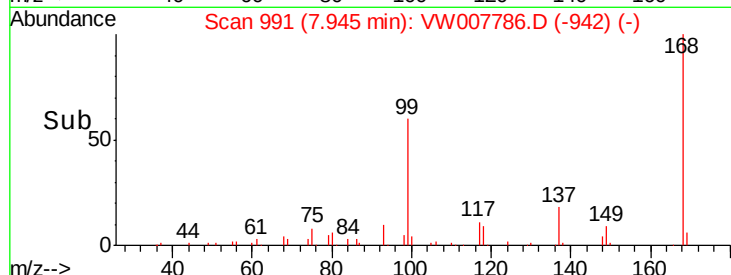
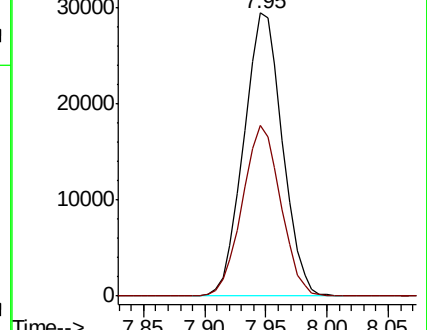
168 100

99 60.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW007701.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007786.D (-942) (-)



#16

Acetone

Concen: 33.029 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007786.D

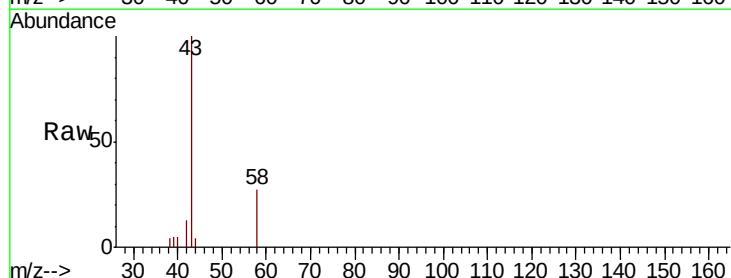
Acq: 21 Dec 2018 10:50

Tgt Ion: 43 Resp: 4385

Ion Ratio Lower Upper

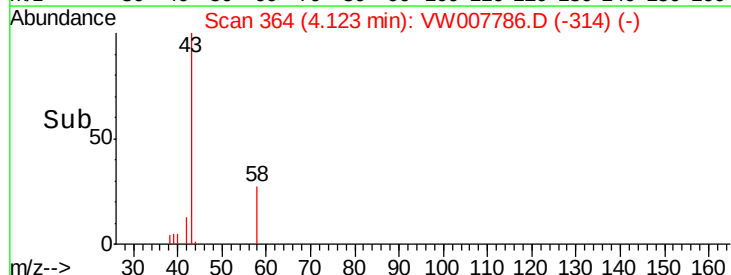
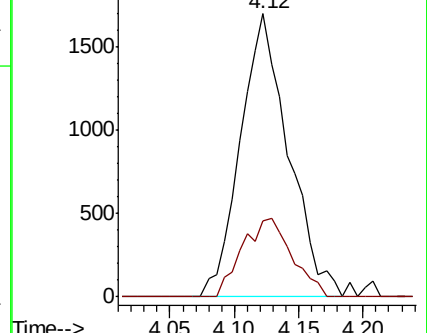
43 100

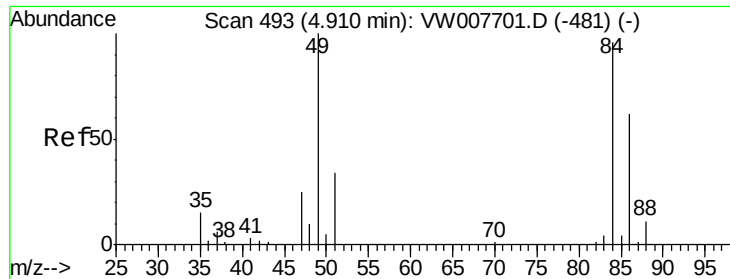
58 26.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW007701.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VW007786.D (-314) (-)

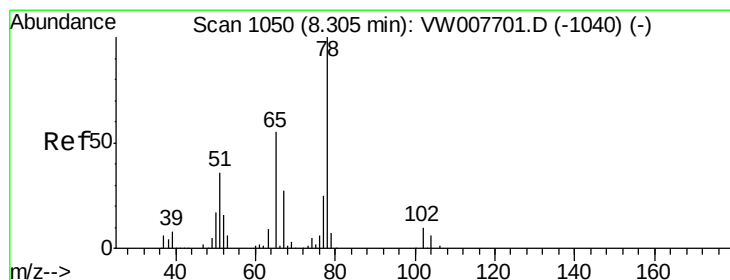
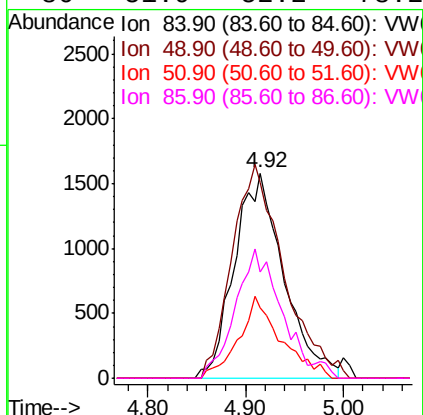
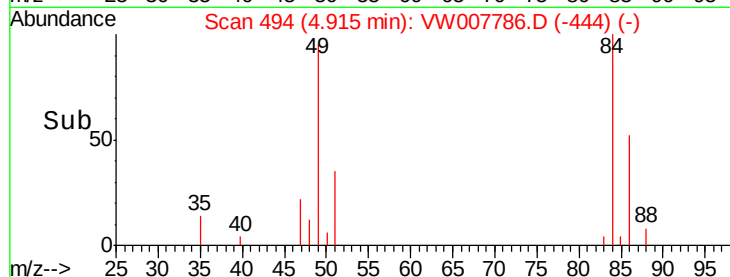
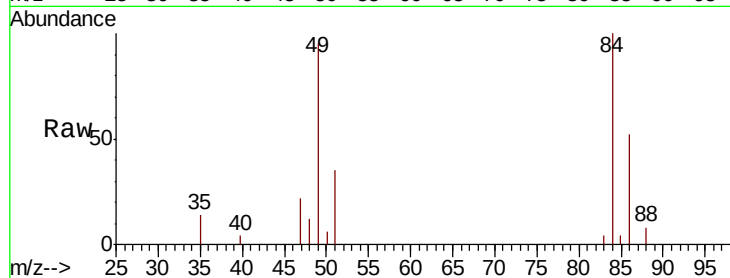




#20
Methylene Chloride
Concen: 2.336 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007786.D
Acq: 21 Dec 2018 10:50

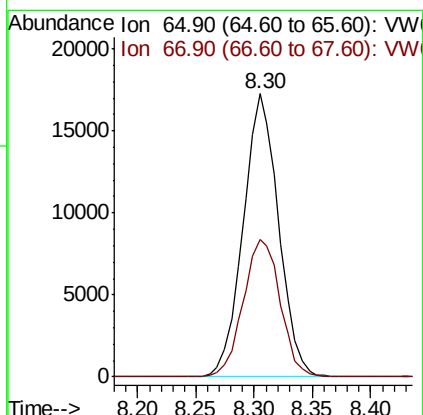
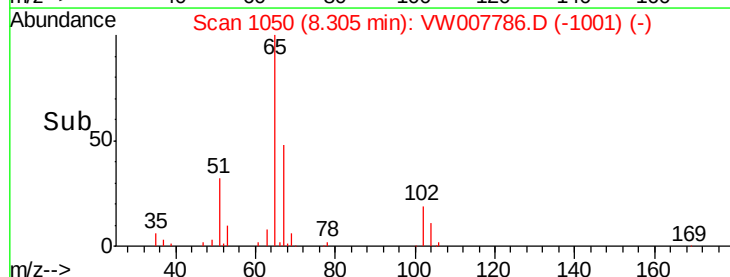
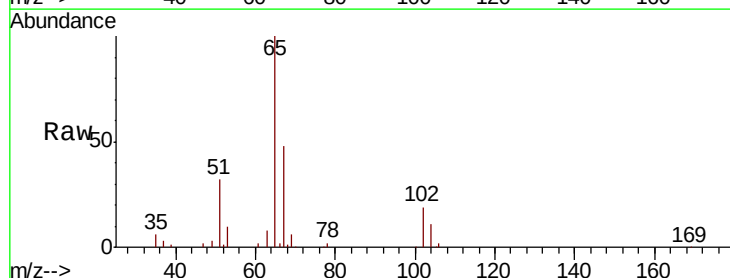
Instrument :
MSVOA_W
ClientSampleId :
P001-SS014-1218-01

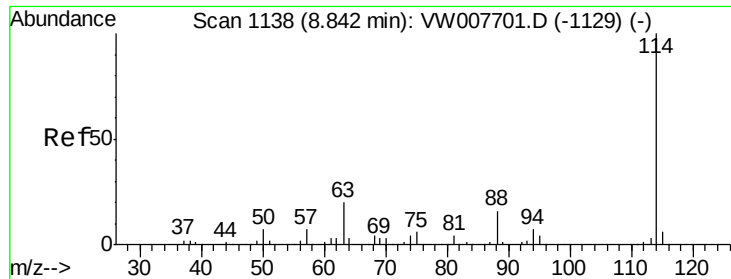
Tgt Ion: 84 Resp: 5542
Ion Ratio Lower Upper
84 100
49 95.4 83.7 125.5
51 34.6 28.2 42.2
86 51.9 52.2 78.2#



#33
1,2-Dichloroethane-d4
Concen: 51.633 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007786.D
Acq: 21 Dec 2018 10:50

Tgt Ion: 65 Resp: 36606
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.6

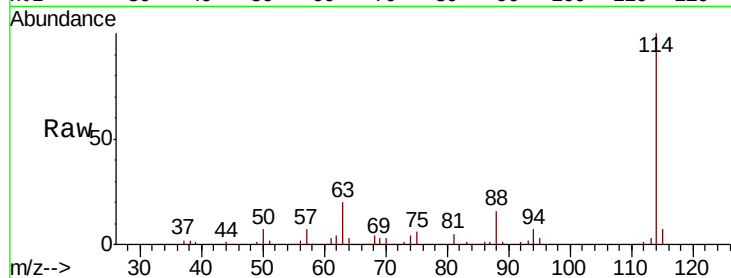




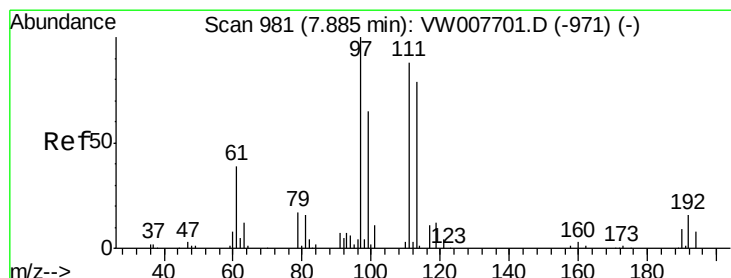
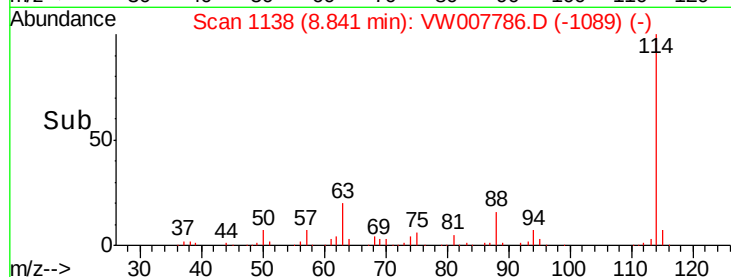
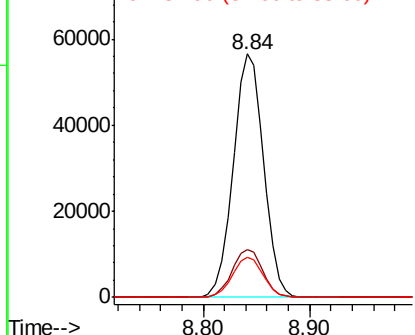
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007786.D
 Acq: 21 Dec 2018 10:50

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS014-1218-01

Tgt Ion:114 Resp: 112787
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 16.4 0.0 32.6

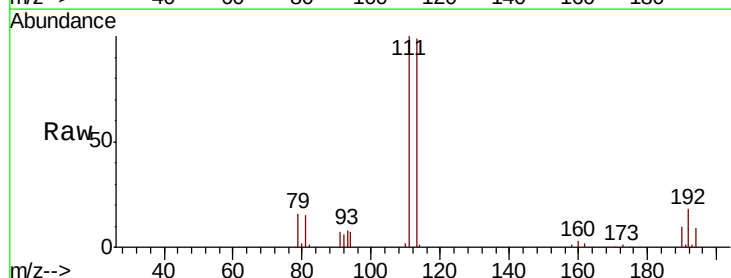


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

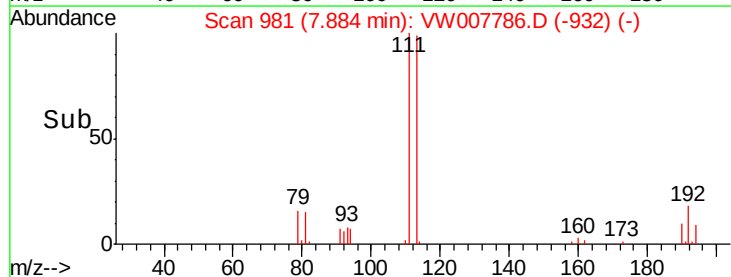
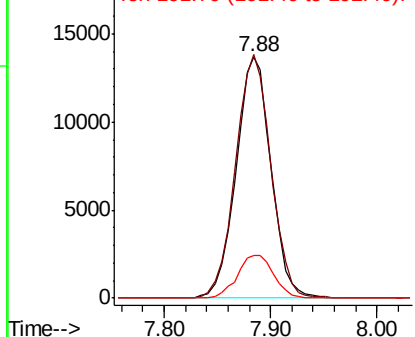


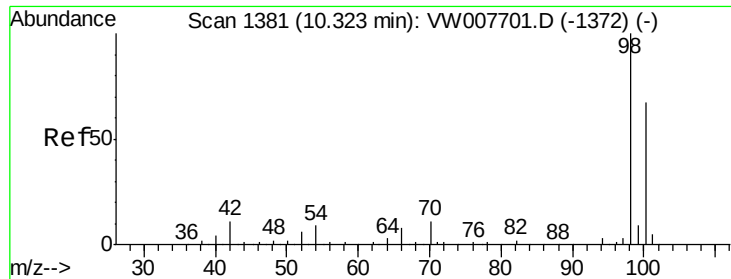
#35
 Dibromofluoromethane
 Concen: 45.726 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007786.D
 Acq: 21 Dec 2018 10:50

Tgt Ion:113 Resp: 31462
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.6 124.0
 192 18.5 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: 37.587 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007786.D

Acq: 21 Dec 2018 10:50

Instrument :

MSVOA_W

ClientSampleId :

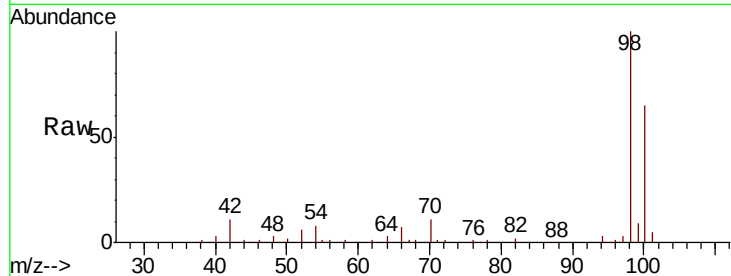
P001-SS014-1218-01

Tgt Ion: 98 Resp: 97496

Ion Ratio Lower Upper

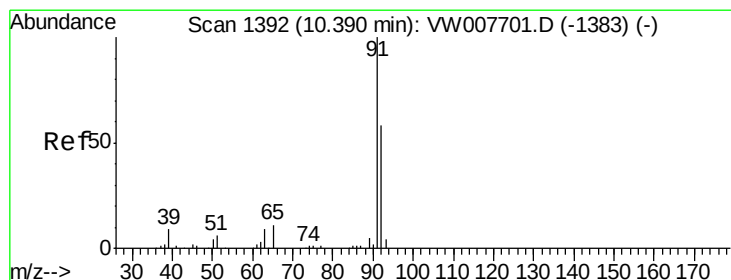
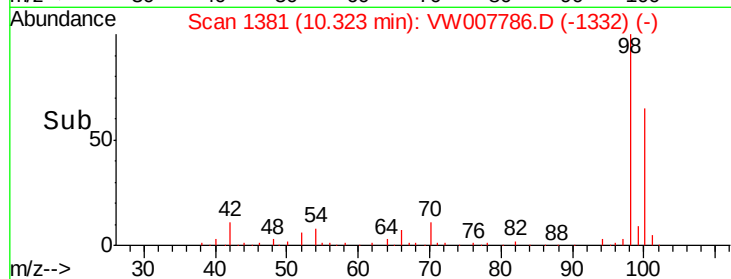
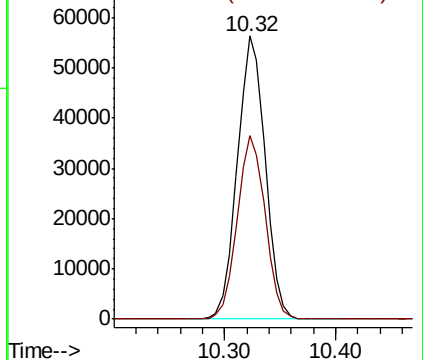
98 100

100 64.8 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: 3.859 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007786.D

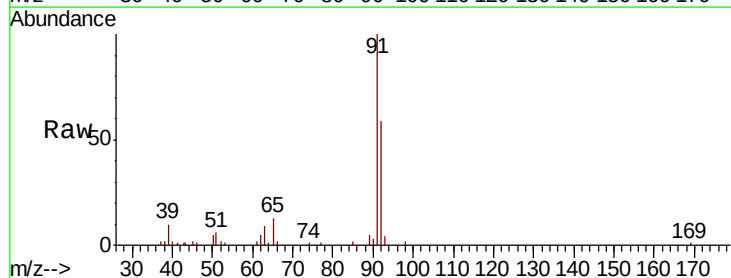
Acq: 21 Dec 2018 10:50

Tgt Ion: 92 Resp: 7521

Ion Ratio Lower Upper

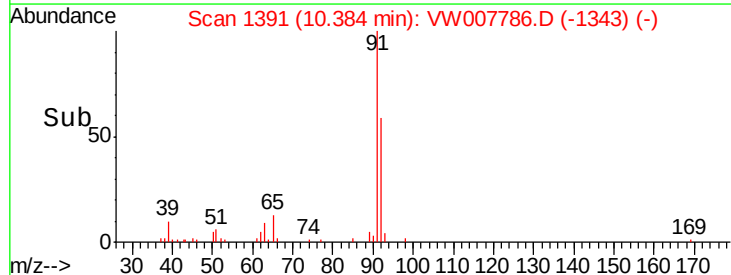
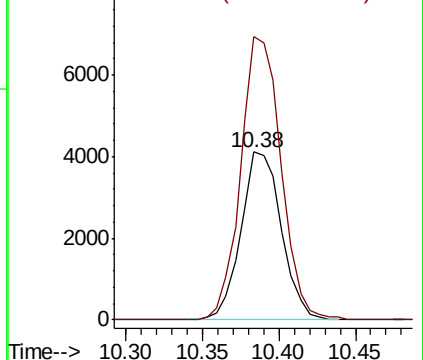
92 100

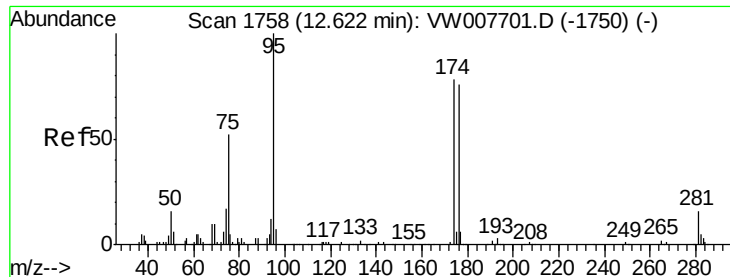
91 169.2 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 30.550 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007786.D

Acq: 21 Dec 2018 10:50

Instrument :

MSVOA_W

ClientSampleId :

P001-SS014-1218-01

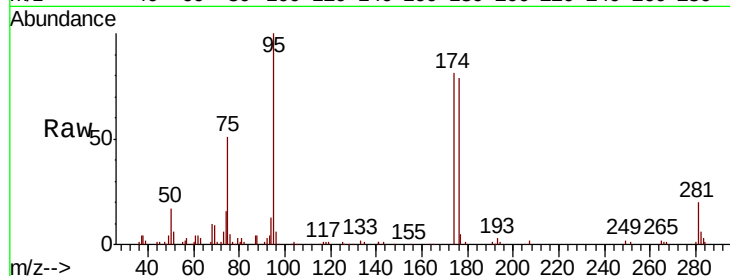
Tgt Ion: 95 Resp: 30613

Ion Ratio Lower Upper

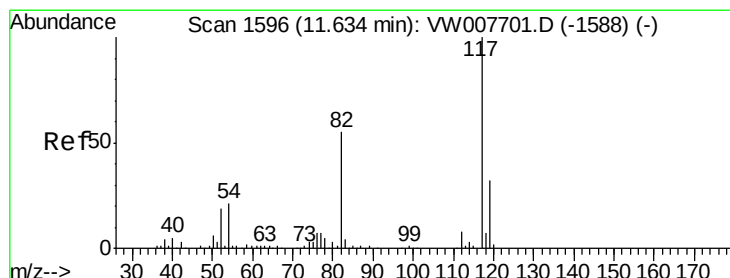
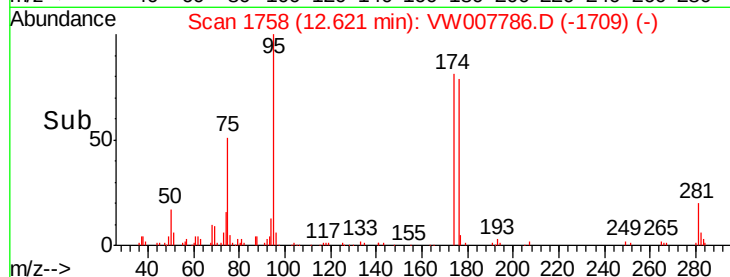
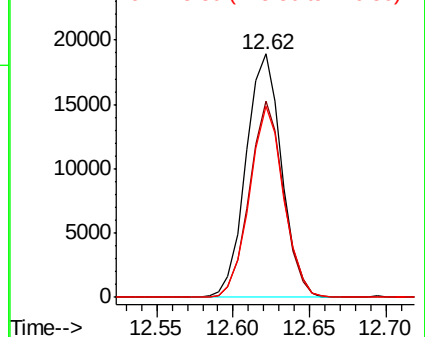
95 100

174 76.6 0.0 152.2

176 75.2 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007786.D

Acq: 21 Dec 2018 10:50

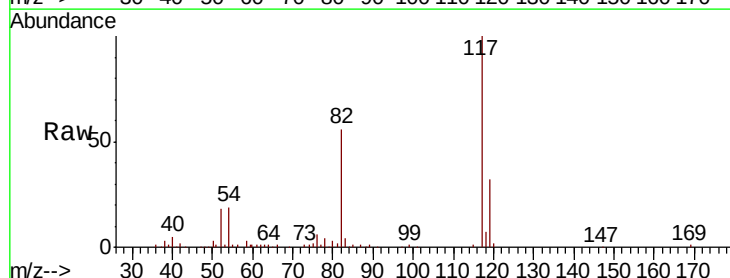
Tgt Ion: 117 Resp: 87572

Ion Ratio Lower Upper

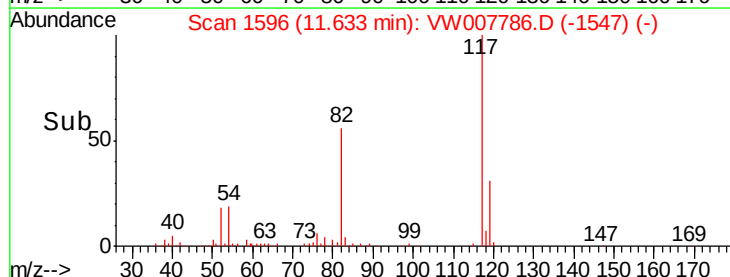
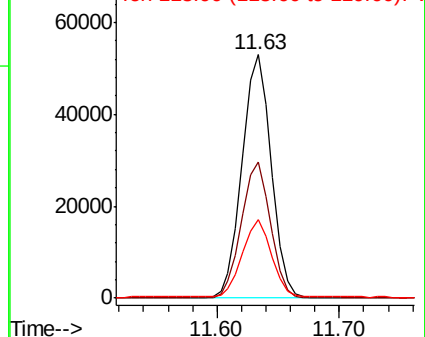
117 100

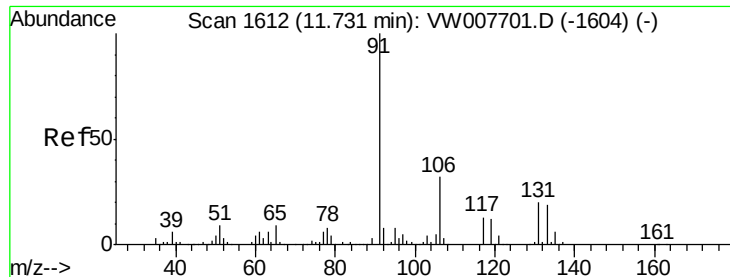
82 55.8 44.3 66.5

119 31.3 25.7 38.5



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

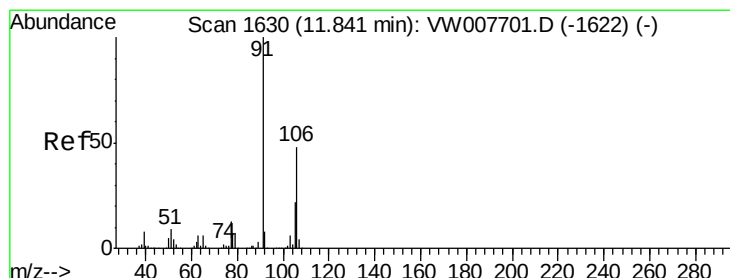
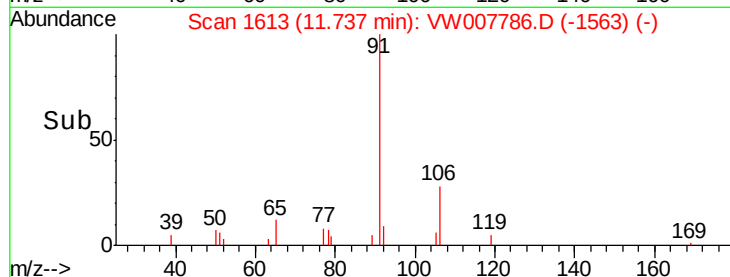
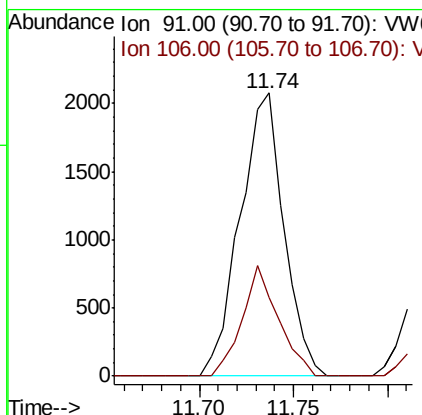
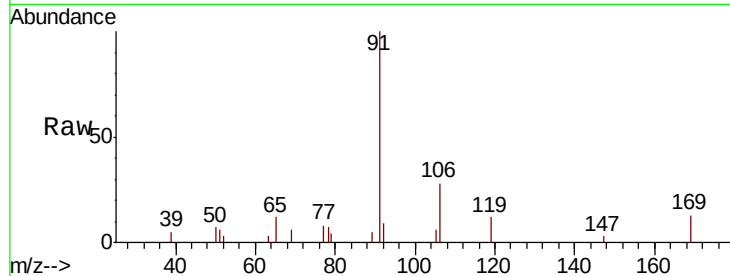




#67
Ethyl Benzene
Concen: 1.031 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007786.D
Acq: 21 Dec 2018 10:50

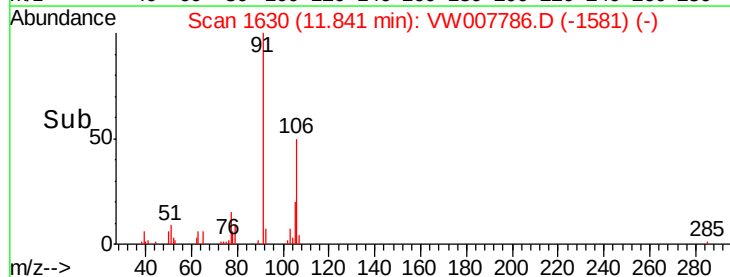
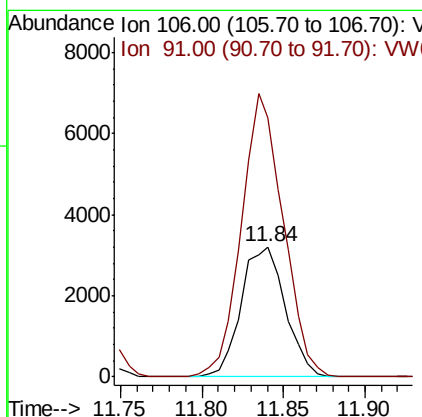
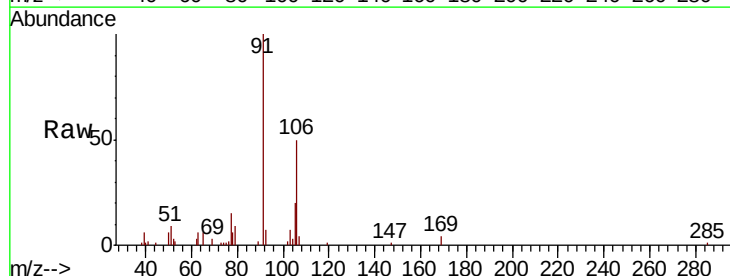
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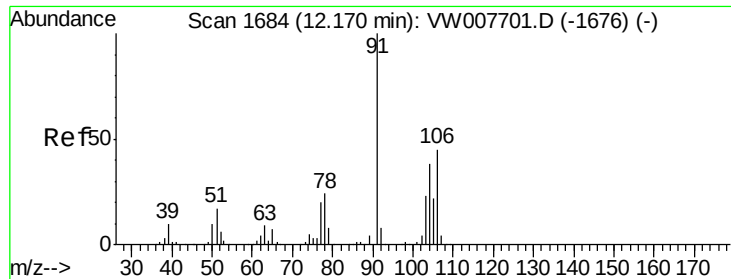
Tgt Ion: 91 Resp: 3352
Ion Ratio Lower Upper
91 100
106 27.9 25.8 38.8



#68
m/p-Xylenes
Concen: 4.780 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007786.D
Acq: 21 Dec 2018 10:50

Tgt Ion: 106 Resp: 6031
Ion Ratio Lower Upper
106 100
91 206.6 165.2 247.8

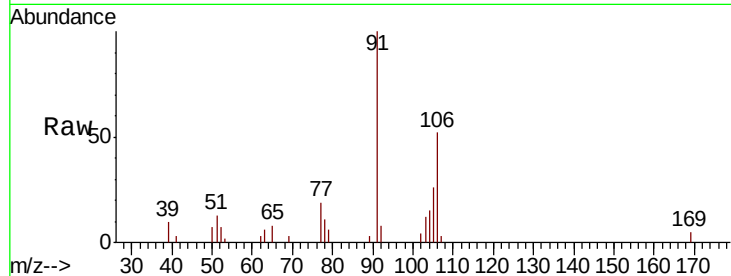




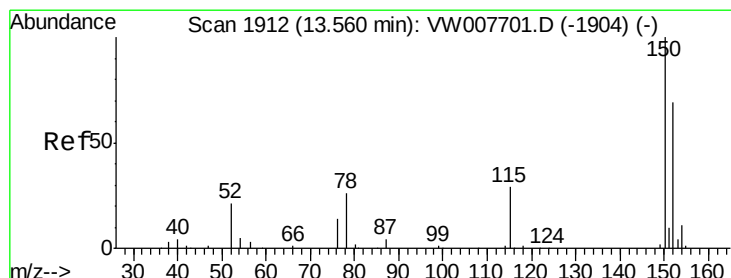
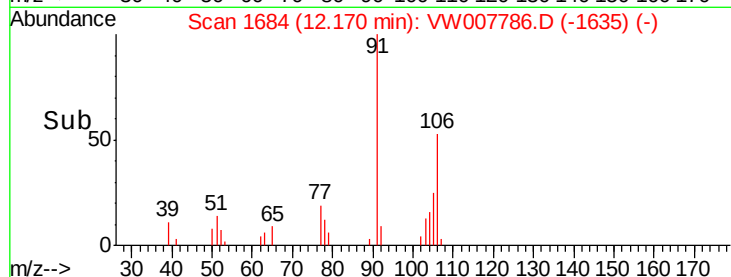
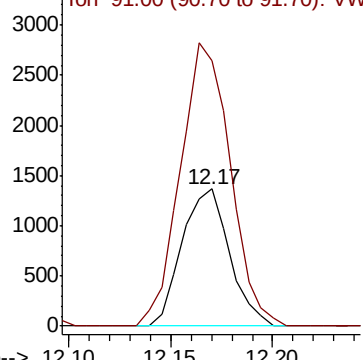
#69
o-Xylene
Concen: 1.866 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007786.D
Acq: 21 Dec 2018 10:50

Instrument :
MSVOA_W
ClientSampleId :
P001-SS014-1218-01

Tgt Ion:106 Resp: 2207
Ion Ratio Lower Upper
106 100
91 217.5 110.5 331.4

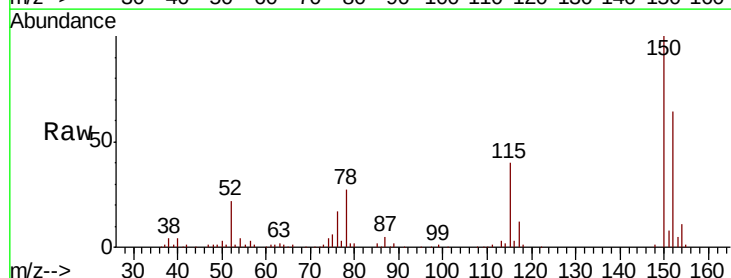


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

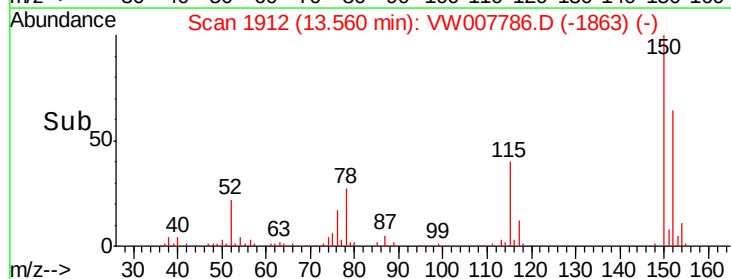
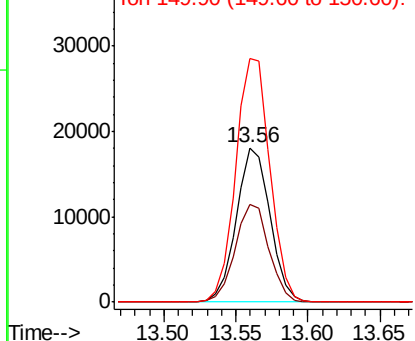


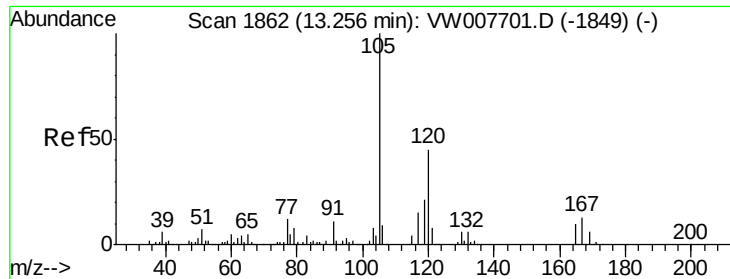
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007786.D
Acq: 21 Dec 2018 10:50

Tgt Ion:152 Resp: 29273
Ion Ratio Lower Upper
152 100
115 64.1 31.8 95.4
150 160.3 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: 1.083 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007786.D

Acq: 21 Dec 2018 10:50

Instrument :

MSVOA_W

ClientSampleId :

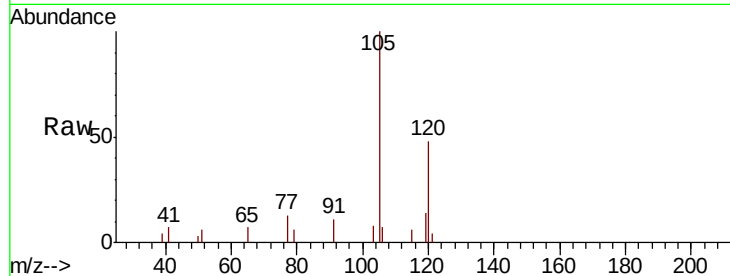
P001-SS014-1218-01

Tgt Ion:105 Resp: 2086

Ion Ratio Lower Upper

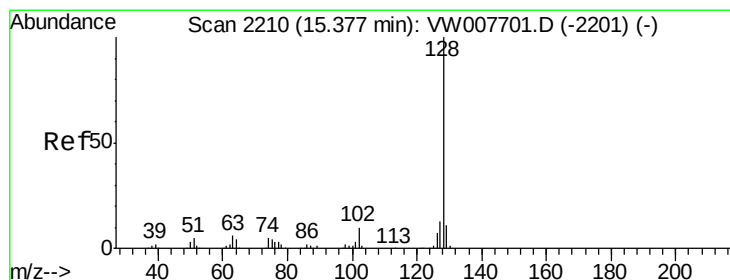
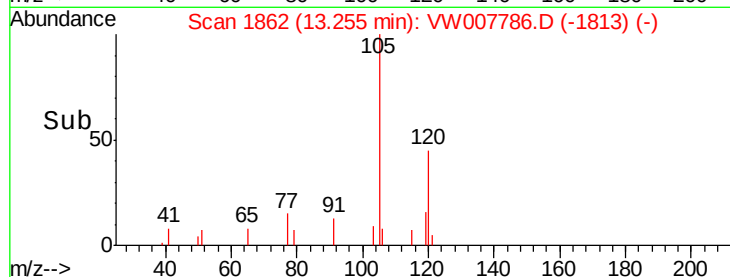
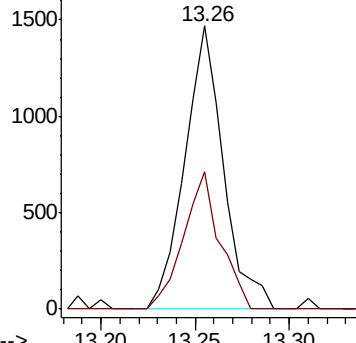
105 100

120 45.7 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: 1.815 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007786.D

Acq: 21 Dec 2018 10:50

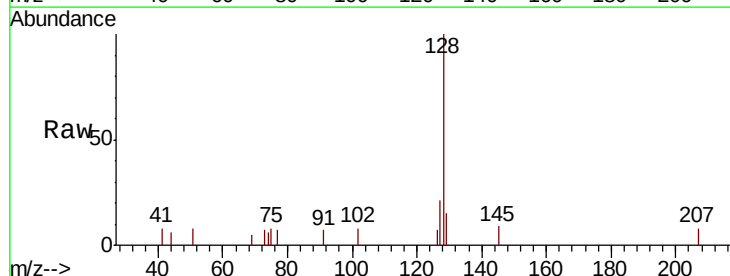
Tgt Ion:128 Resp: 2100

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 11.2 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

