

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007221.D
 Acq On : 05 Dec 2018 07:50
 Operator : SY/AP
 Sample : J6208-03
 Misc : 6.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Quant Time: Dec 05 11:12:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

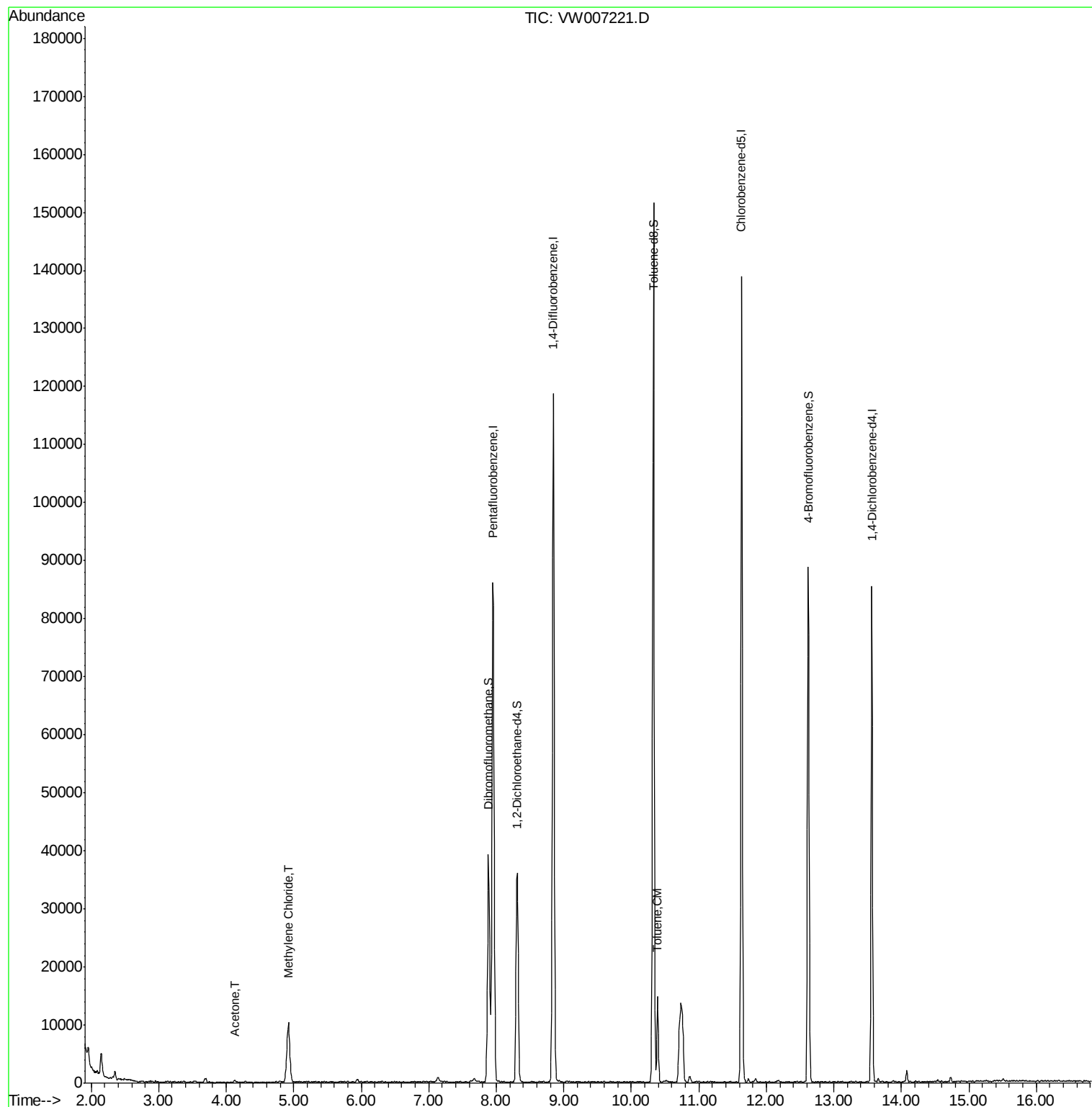
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	65788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	104757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	75230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	23062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	29281	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
35) Dibromofluoromethane	7.88	113	29366	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.33	98	103430	39.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.28%	
62) 4-Bromofluorobenzene	12.62	95	28857	28.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.86%	
Target Compounds						
16) Acetone	4.13	43	566	3.903	ug/l	97
20) Methylene Chloride	4.92	84	8216	6.739	ug/l	93
52) Toluene	10.39	92	5966	3.068	ug/l	100

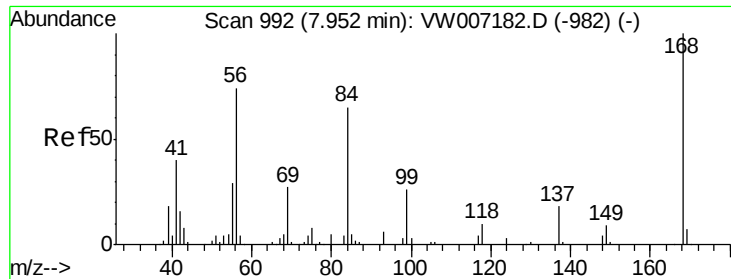
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 992

Delta R.T. -0.00 min

Lab File: VW007221.D

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Instrument :

MSVOA_W

ClientSampleId :

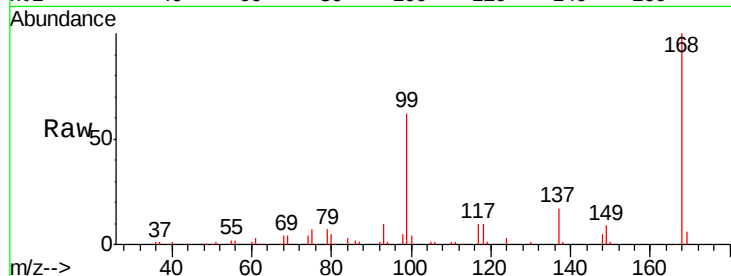
TP-1

Tgt Ion: 168 Resp: 65788

Ion Ratio Lower Upper

168 100

99 61.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

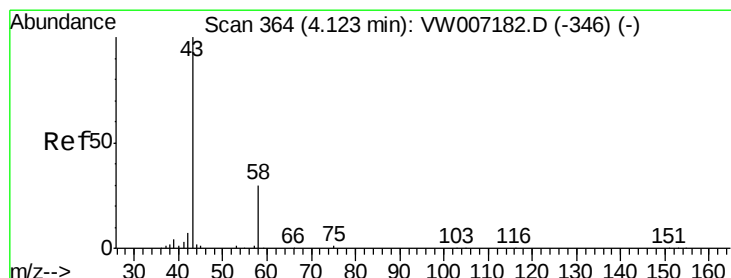
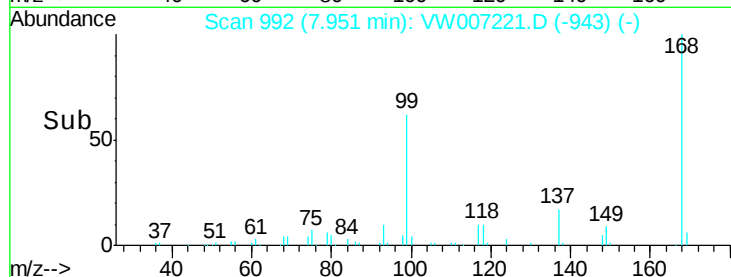
20000

10000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 3.903 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007221.D

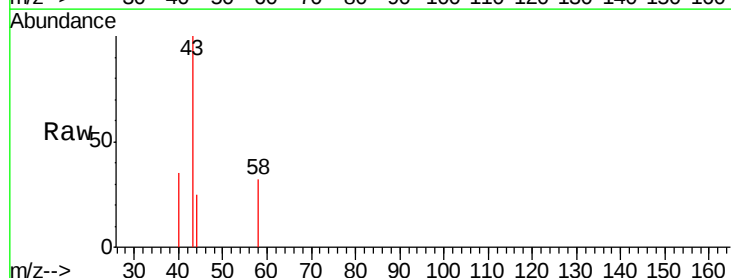
Acq: 05 Dec 2018 07:50

Tgt Ion: 43 Resp: 566

Ion Ratio Lower Upper

43 100

58 31.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

250

200

150

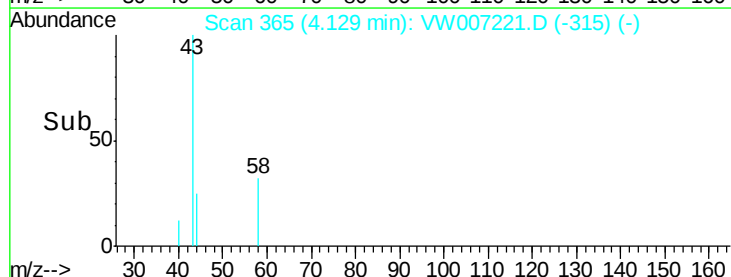
100

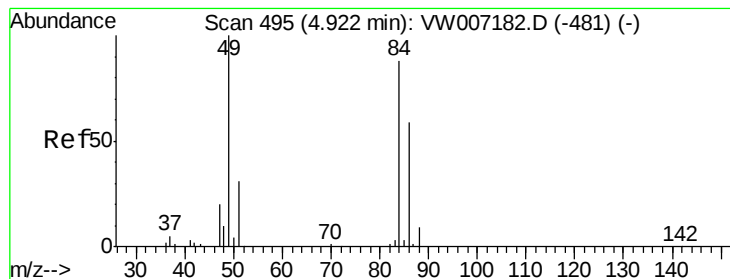
50

0

Time-->

4.10 4.15 4.20





#20

Methylene Chloride

Concen: 6.739 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007221.D

Acq: 05 Dec 2018 07:50

Instrument :

MSVOA_W

ClientSampleId :

TP-1

Tgt Ion: 84 Resp: 8216

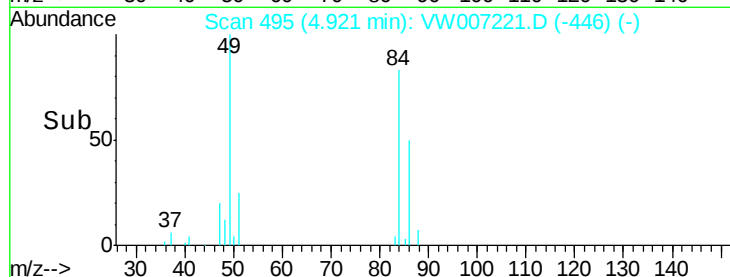
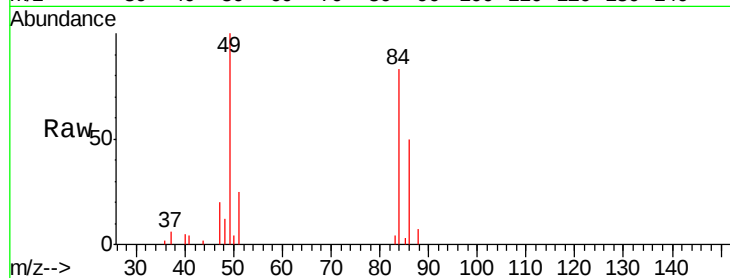
Ion Ratio Lower Upper

84 100

49 120.8 90.6 135.8

51 30.5 27.6 41.4

86 60.8 53.7 80.5

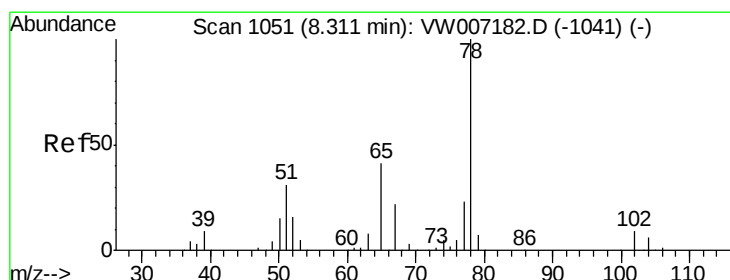
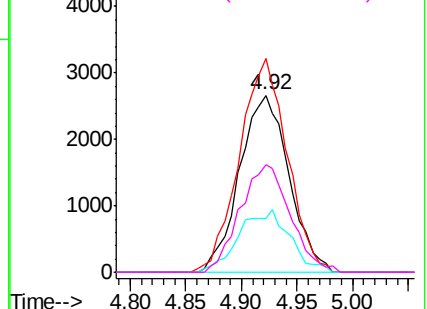


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 47.805 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007221.D

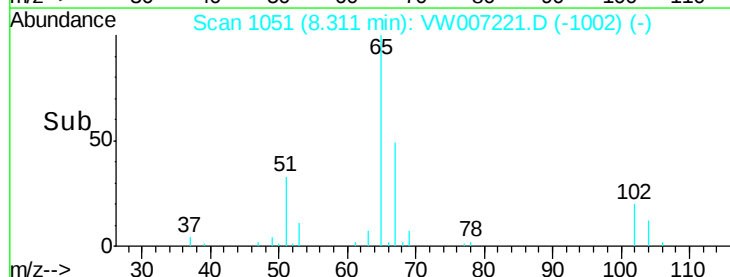
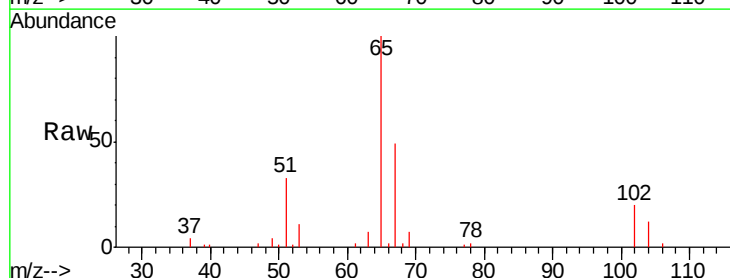
Acq: 05 Dec 2018 07:50

Tgt Ion: 65 Resp: 29281

Ion Ratio Lower Upper

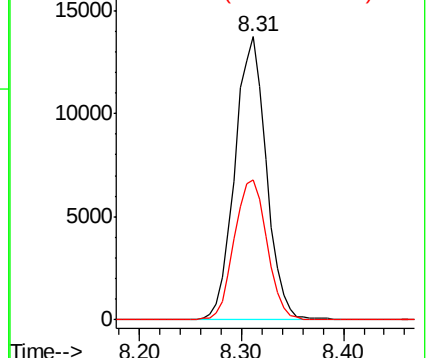
65 100

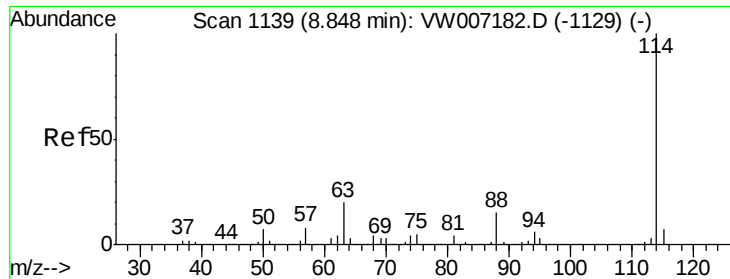
67 51.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

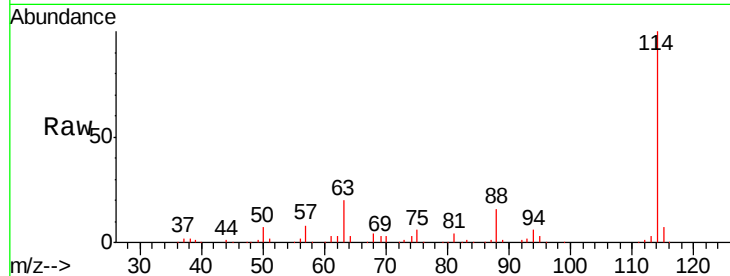




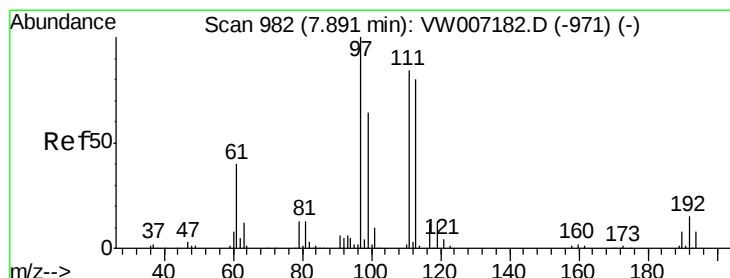
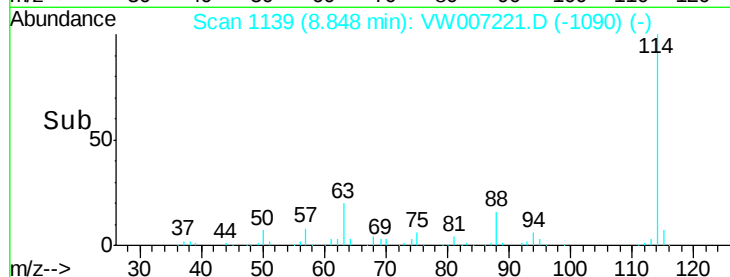
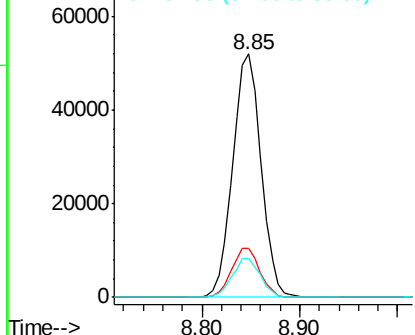
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007221.D
 Acq: 05 Dec 2018 07:50

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Tgt Ion:114 Resp: 104757
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.2
 88 16.0 0.0 30.0

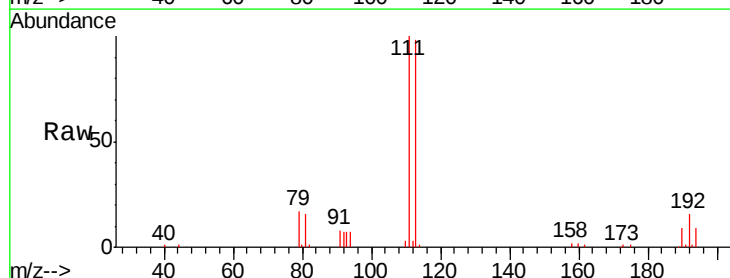


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

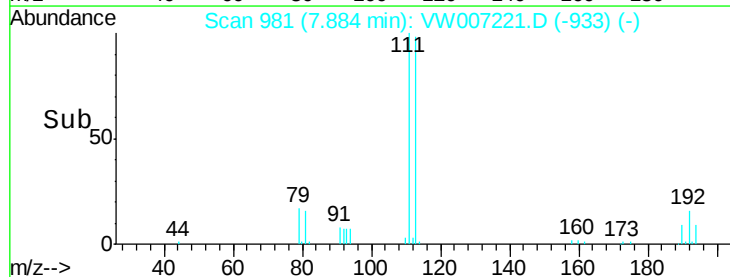
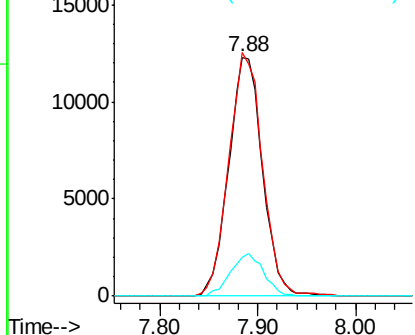


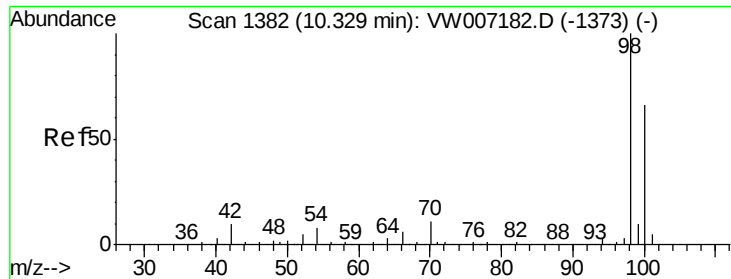
#35
 Dibromofluoromethane
 Concen: 48.957 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007221.D
 Acq: 05 Dec 2018 07:50

Tgt Ion:113 Resp: 29366
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 17.4 14.4 21.6



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: 39.144 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007221.D

Acq: 05 Dec 2018 07:50

Instrument :

MSVOA_W

ClientSampleId :

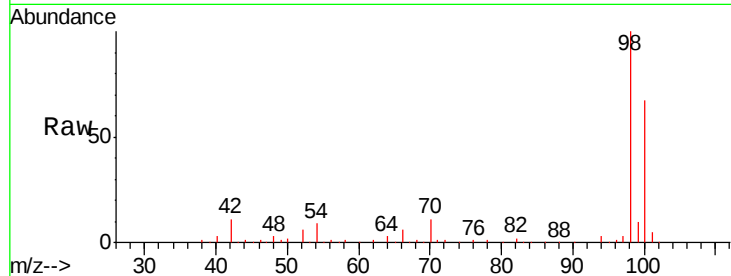
TP-1

Tgt Ion: 98 Resp: 103430

Ion Ratio Lower Upper

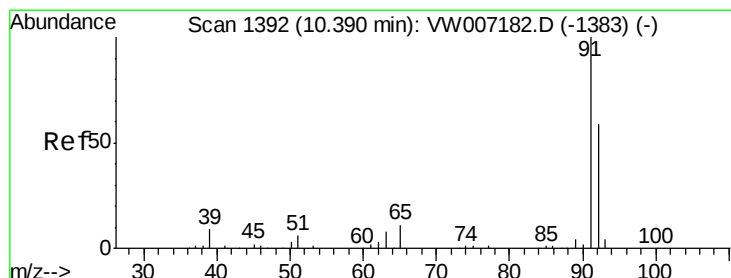
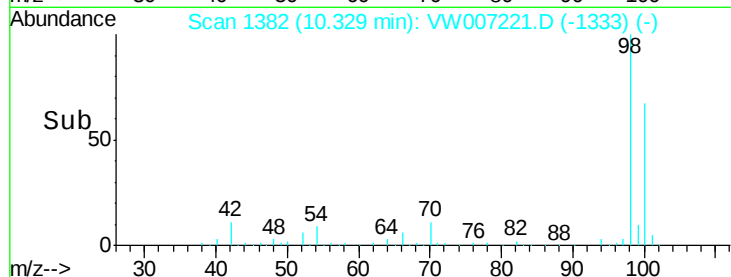
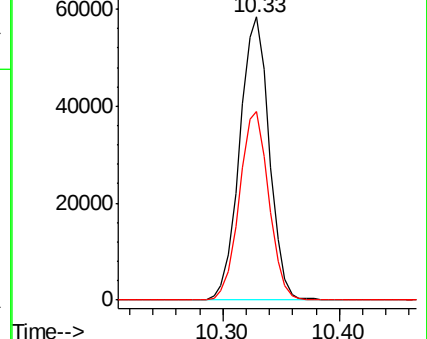
98 100

100 66.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 3.068 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007221.D

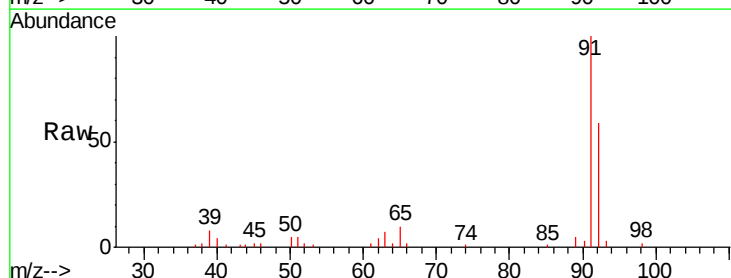
Acq: 05 Dec 2018 07:50

Tgt Ion: 92 Resp: 5966

Ion Ratio Lower Upper

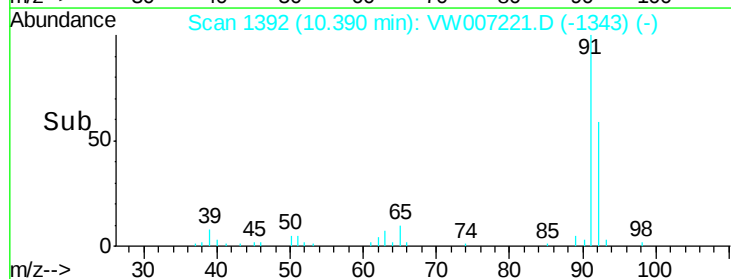
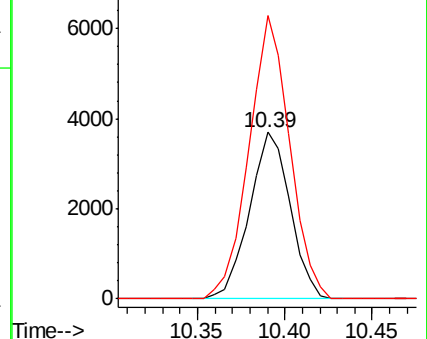
92 100

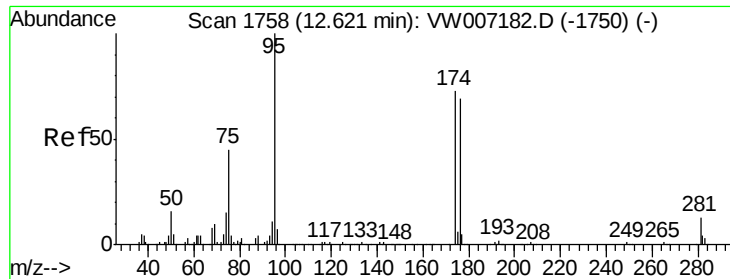
91 170.0 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

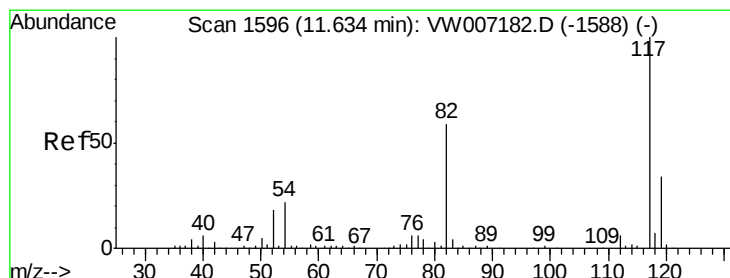
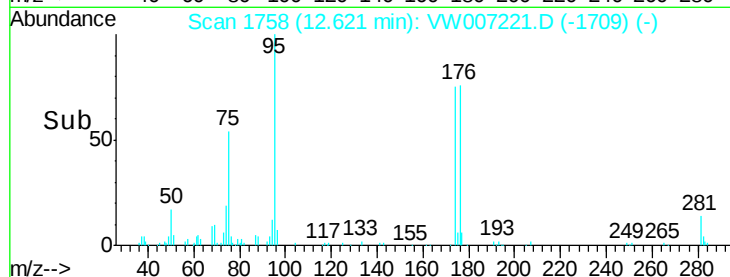
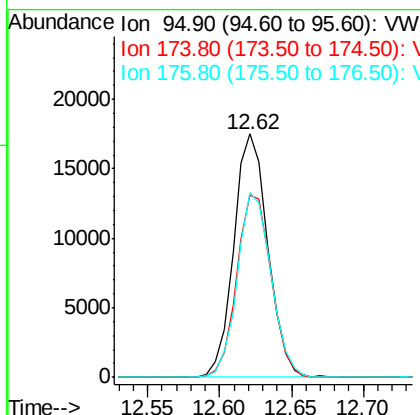
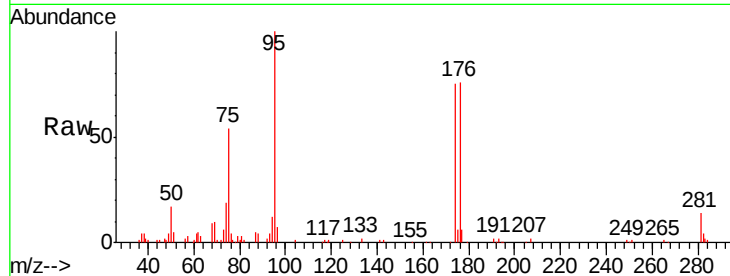




#62
4-Bromofluorobenzene
Concen: 28.935 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007221.D
Acq: 05 Dec 2018 07:50

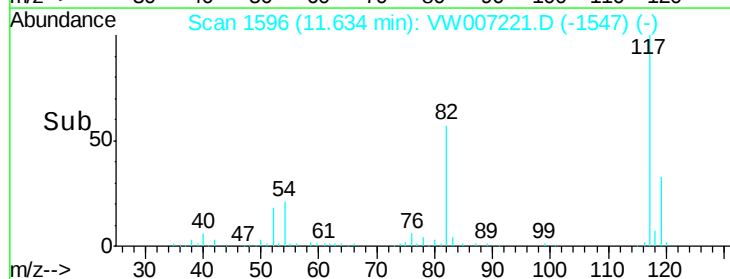
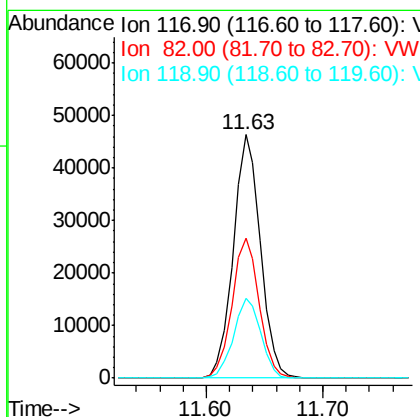
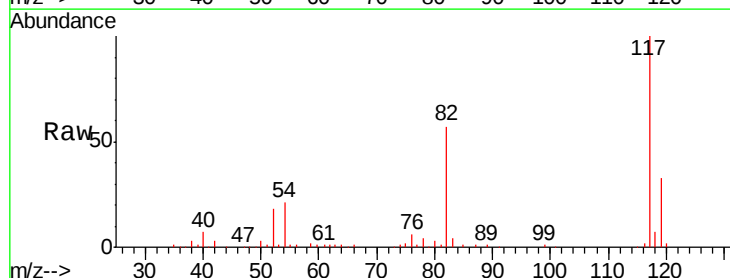
Instrument :
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TP-1

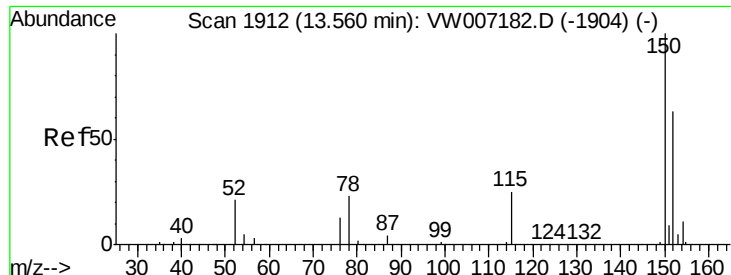
Tgt Ion: 95 Resp: 28857
Ion Ratio Lower Upper
95 100
174 75.4 0.0 148.0
176 74.6 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007221.D
Acq: 05 Dec 2018 07:50

Tgt Ion: 117 Resp: 75230
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.9 26.8 40.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: VW007221.D
 Acq: 05 Dec 2018 07:50

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Tgt Ion:152 Resp: 23062
 Ion Ratio Lower Upper
 152 100
 115 64.5 31.3 93.8
 150 154.9 0.0 358.0

