

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007741.D
 Acq On : 20 Dec 2018 11:33
 Operator : SY/AP
 Sample : J6386-09RE
 Misc : 3.32G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0006-01RE

Quant Time: Dec 20 11:57:46 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

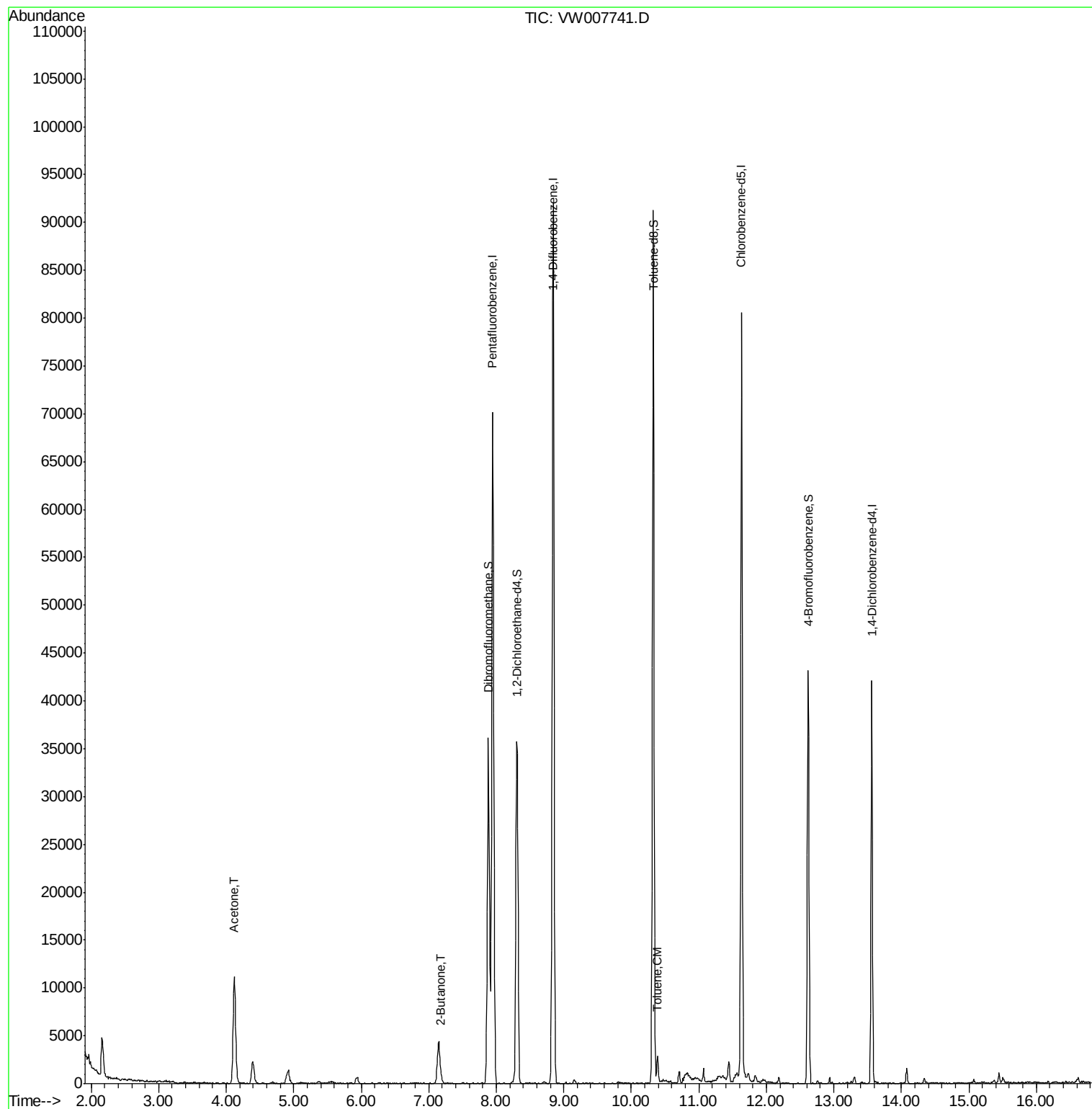
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	50371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	78210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	45153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	30886	55.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.88%	
35) Dibromofluoromethane	7.88	113	25948	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
50) Toluene-d8	10.32	98	61441	34.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.32%	
62) 4-Bromofluorobenzene	12.62	95	13759	19.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.60%	
Target Compounds						
16) Acetone	4.12	43	19299	186.673	ug/l	91
25) 2-Butanone	7.18	43	1175	9.703	ug/l #	86
52) Toluene	10.40	92	1425	1.054	ug/l	93

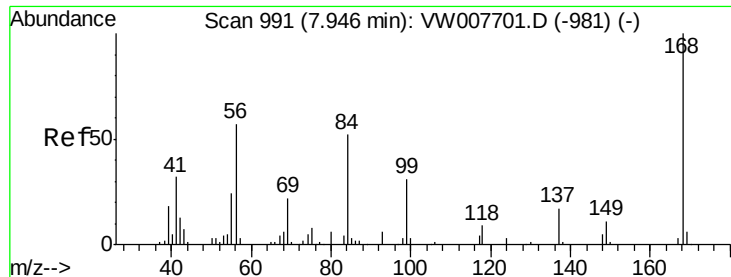
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007741.D

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ClientSampleId :

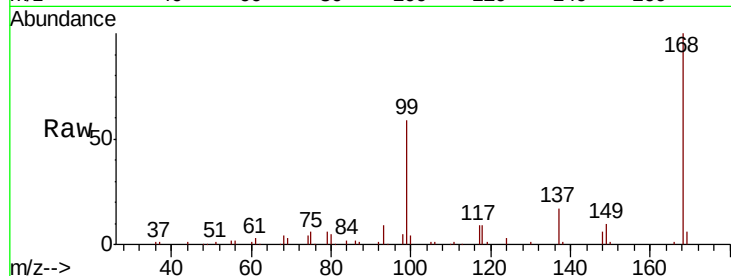
P001-SS006-0006-01RE

Tot Ion:168 Resp: 50371

Ion Ratio Lower Upper

168 100

99 58.8 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

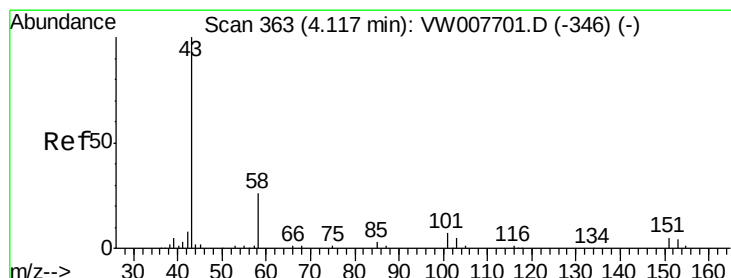
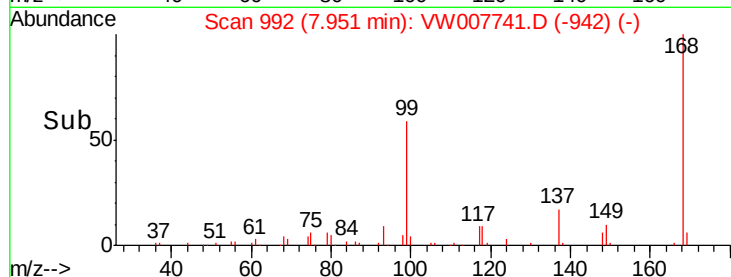
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 186.673 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007741.D

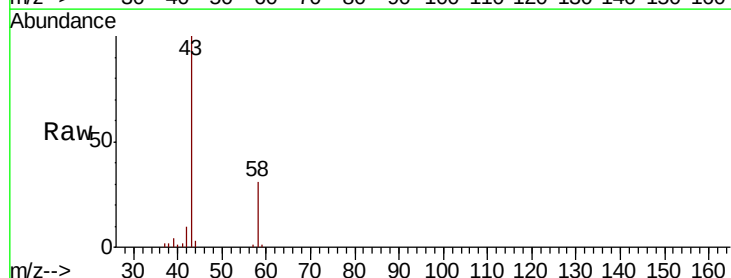
Acq: 20 Dec 2018 11:33

Tgt Ion: 43 Resp: 19299

Ion Ratio Lower Upper

43 100

58 31.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

6000

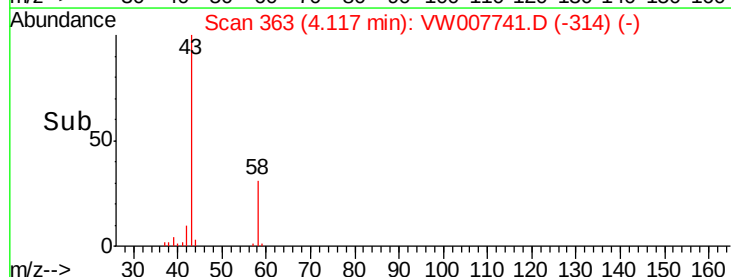
4000

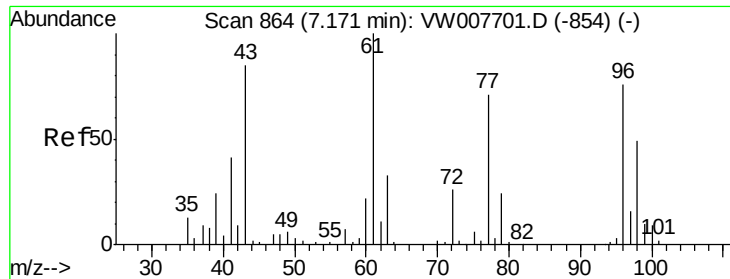
2000

0

4.00 4.10 4.20 4.30

Time-->

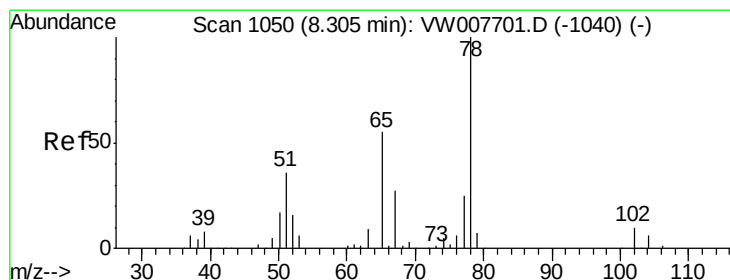
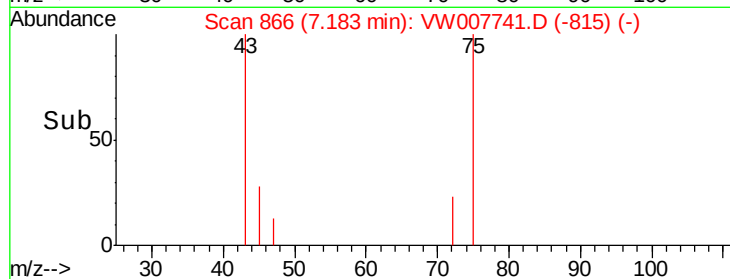
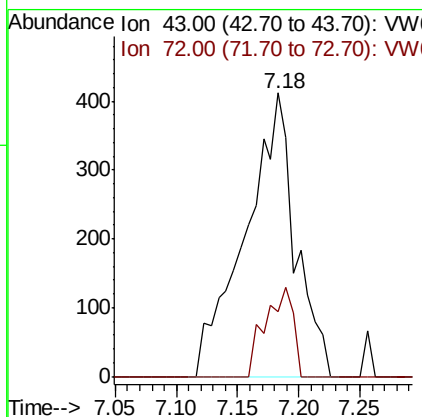
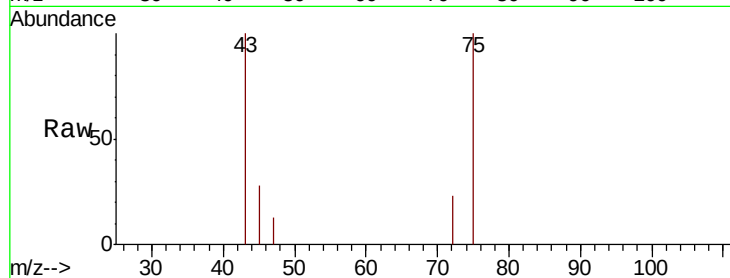




#25
 2-Butanone
 Concen: 9.703 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VW007741.D
 Acq: 20 Dec 2018 11:33

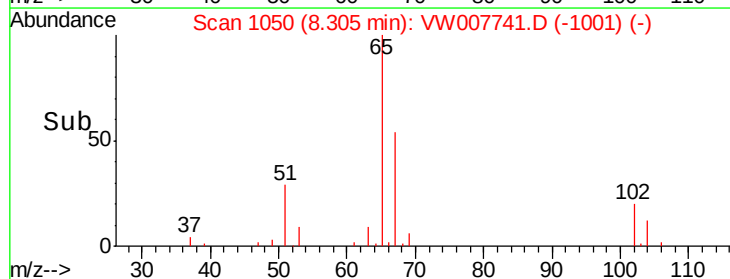
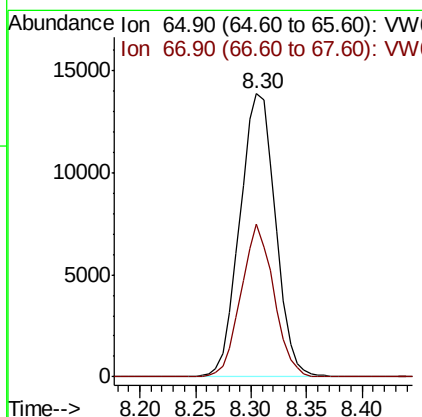
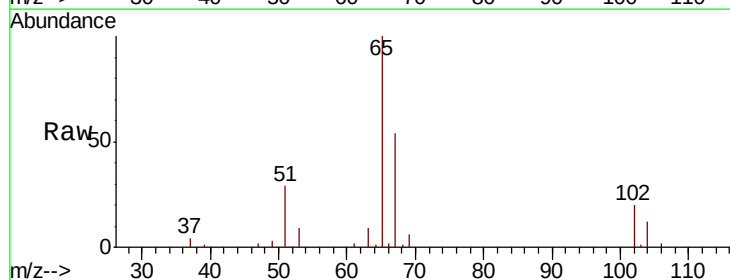
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0006-01RE

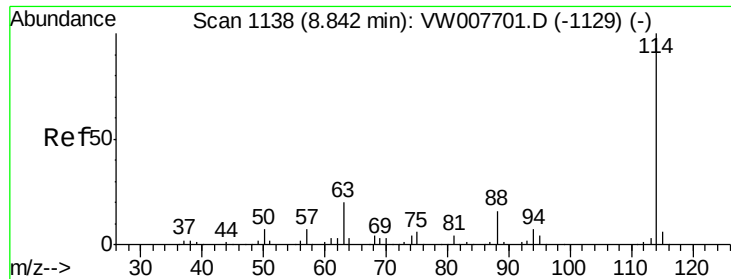
Tot Ion: 43 Resp: 1175
 Ion Ratio Lower Upper
 43 100
 72 22.8 24.5 36.7#



#33
 1,2-Dichloroethane-d4
 Concen: 55.944 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007741.D
 Acq: 20 Dec 2018 11:33

Tgt Ion: 65 Resp: 30886
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 100.6

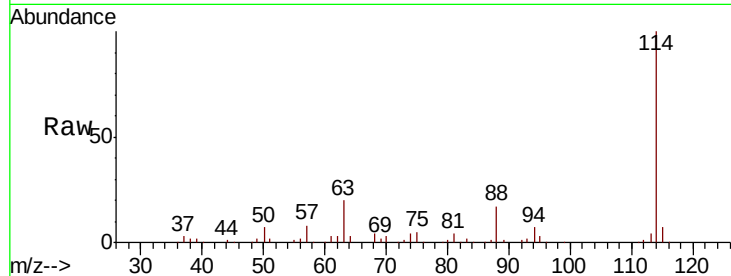




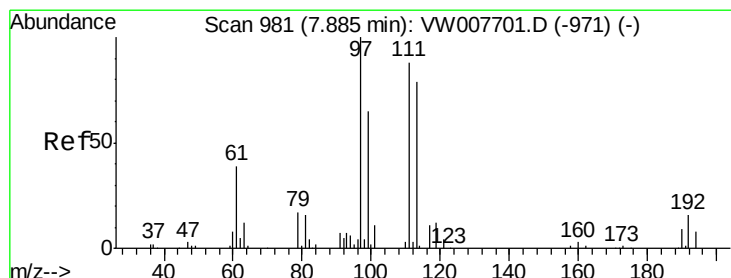
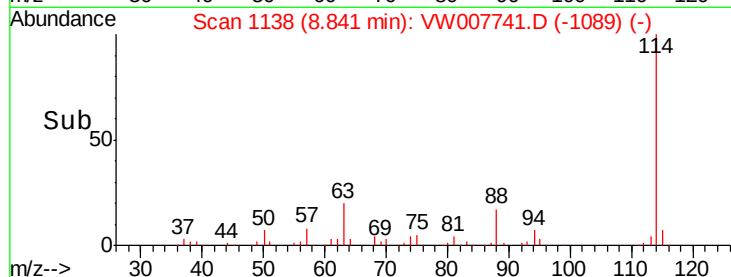
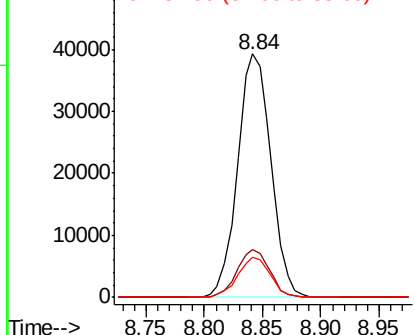
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007741.D
 Acq: 20 Dec 2018 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0006-01RE

Tot Ion:114 Resp: 78210
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 16.7 0.0 32.6

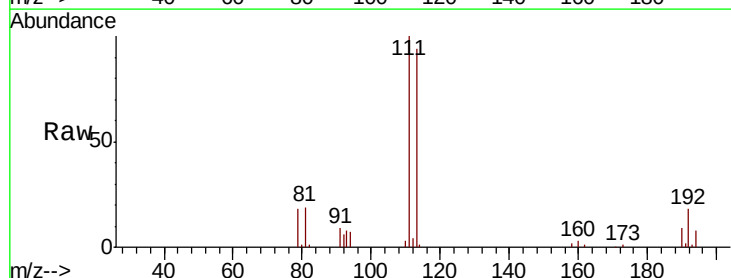


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

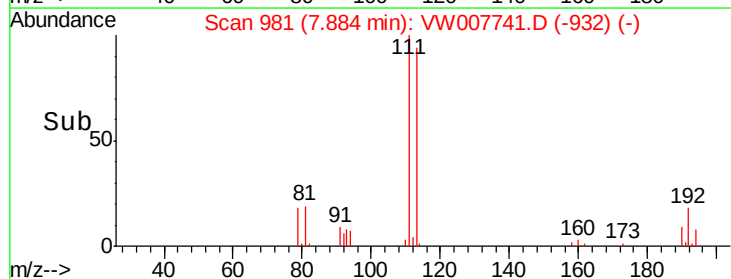
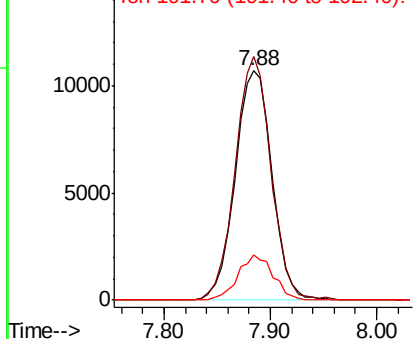


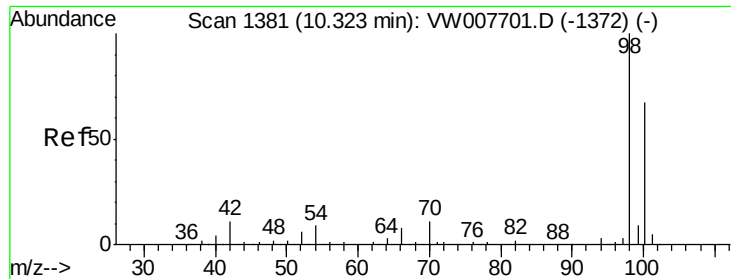
#35
 Dibromofluoromethane
 Concen: 54.385 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007741.D
 Acq: 20 Dec 2018 11:33

Tgt Ion:113 Resp: 25948
 Ion Ratio Lower Upper
 113 100
 111 102.9 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

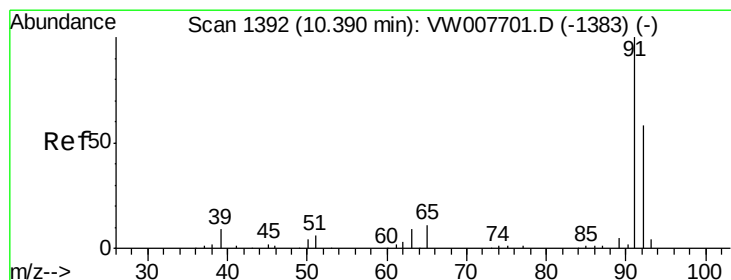
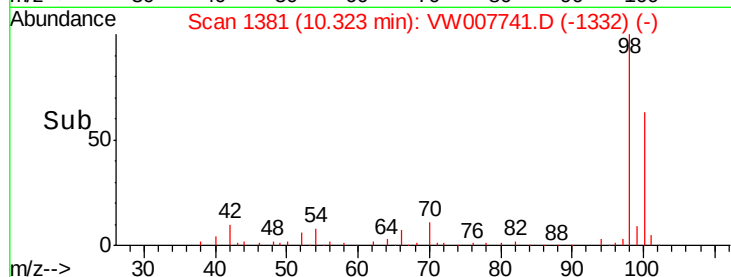
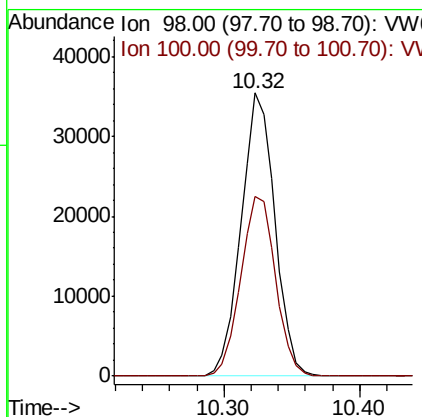
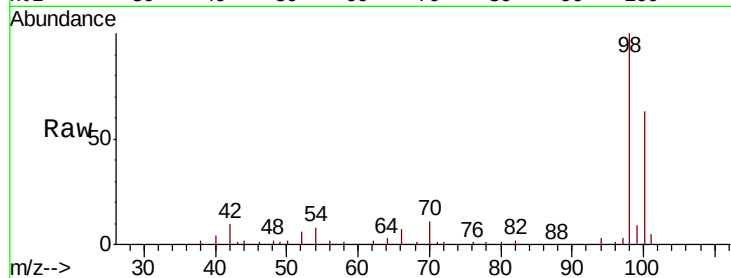




#50
Toluene-d8
Concen: 34.159 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007741.D
Acq: 20 Dec 2018 11:33

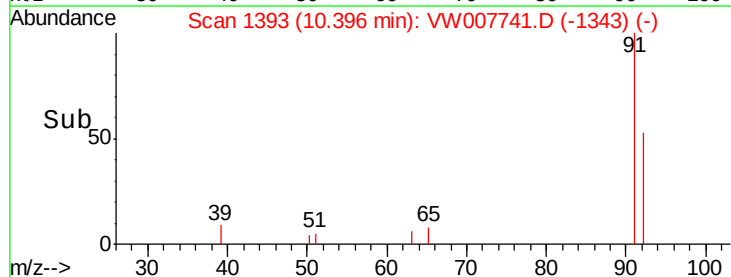
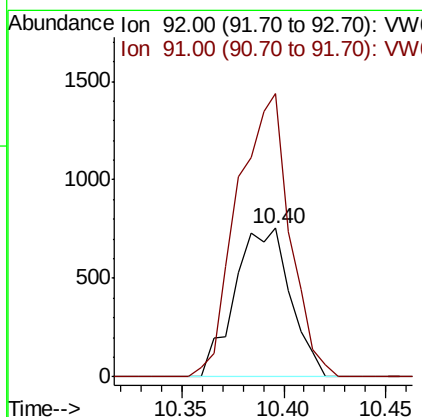
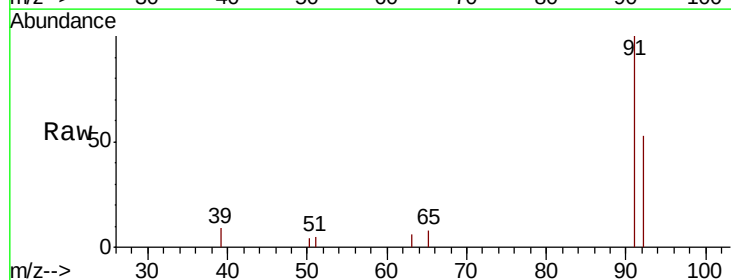
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-0006-01RE

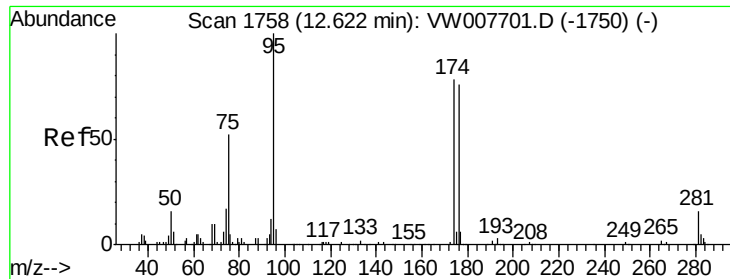
Tot Ion: 98 Resp: 61441
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



#52
Toluene
Concen: 1.054 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW007741.D
Acq: 20 Dec 2018 11:33

Tgt Ion: 92 Resp: 1425
Ion Ratio Lower Upper
92 100
91 180.4 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 19.801 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007741.D

Acq: 20 Dec 2018 11:33

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-0006-01RE

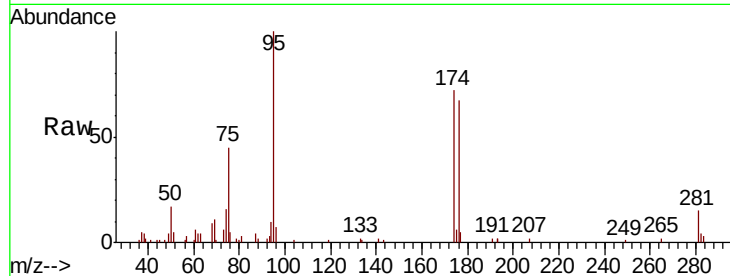
Tot Ion: 95 Resp: 13759

Ion Ratio Lower Upper

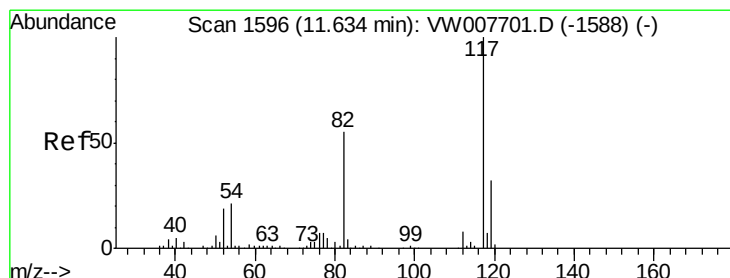
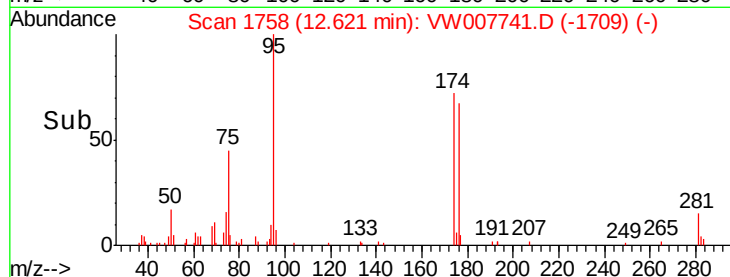
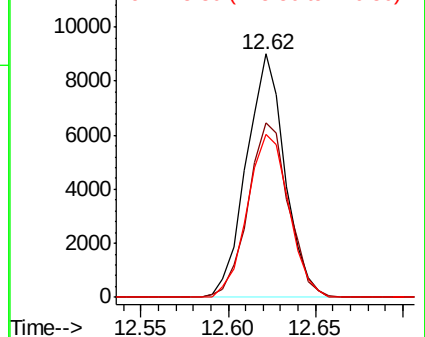
95 100

174 75.2 0.0 152.2

176 72.0 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: VW007741.D

Acq: 20 Dec 2018 11:33

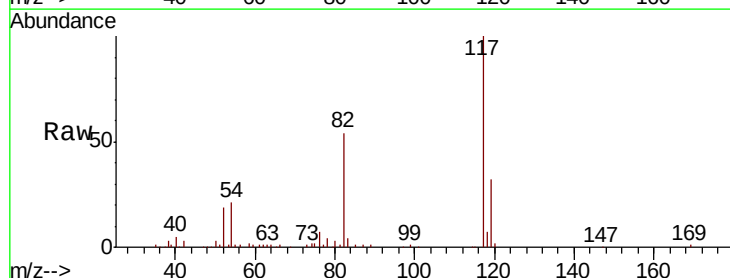
Tgt Ion: 117 Resp: 45153

Ion Ratio Lower Upper

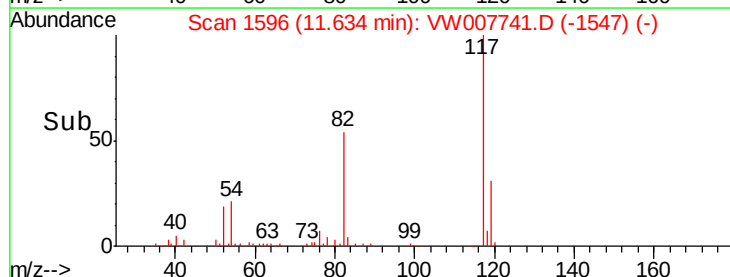
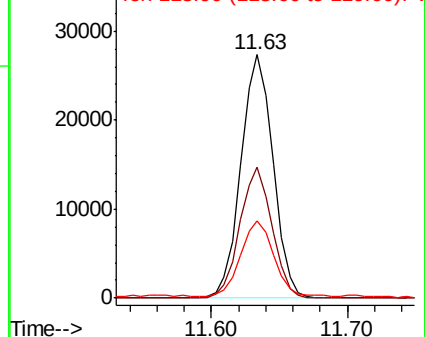
117 100

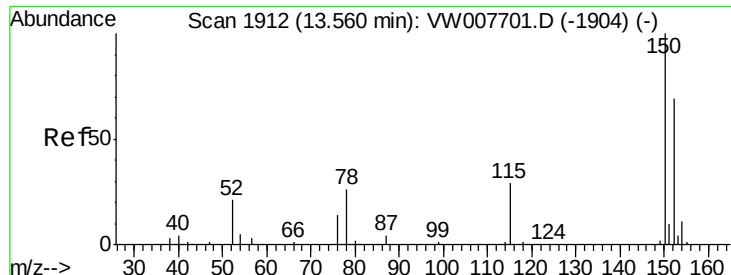
82 54.0 44.3 66.5

119 31.1 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

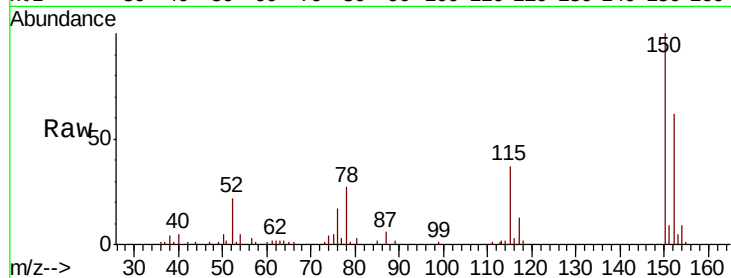




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007741.D
 Acq: 20 Dec 2018 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0006-01RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.3	31.8	95.4
150	153.0	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

