

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005988.D
 Acq On : 10 Oct 2018 15:11
 Operator : SY/AP
 Sample : J5306-03
 Misc : 6.39G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-23-V

Quant Time: Oct 11 05:01:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

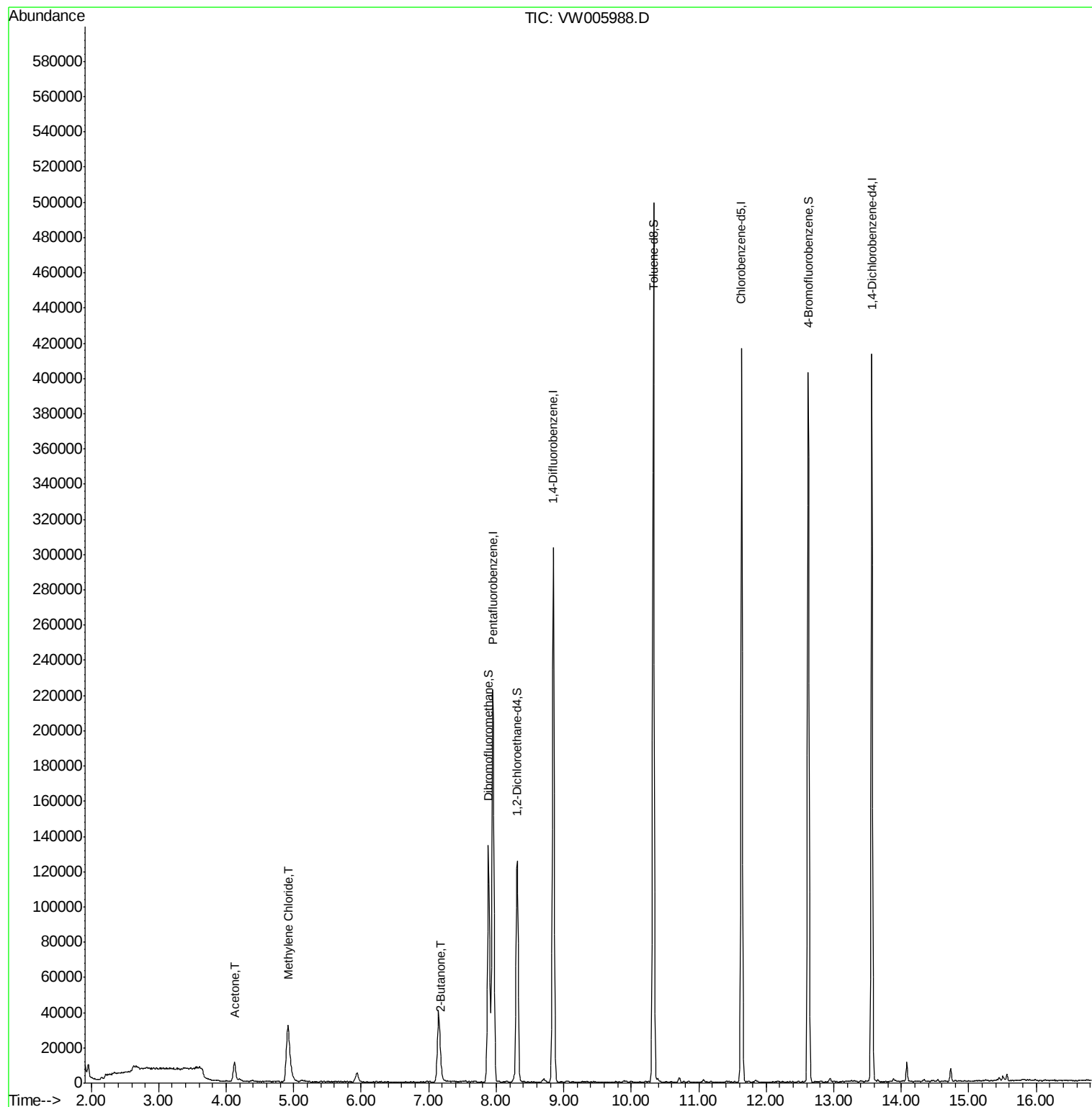
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	267049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	237618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	116188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	98336	56.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.44%	
35) Dibromofluoromethane	7.88	113	93551	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
50) Toluene-d8	10.33	98	340632	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.62	95	118529	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
Target Compounds						
16) Acetone	4.12	43	18679	53.468	ug/l	98
20) Methylene Chloride	4.92	84	30988	17.704	ug/l	97
25) 2-Butanone	7.18	43	6354	12.787	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
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: VW005988.D

Acq: 10 Oct 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

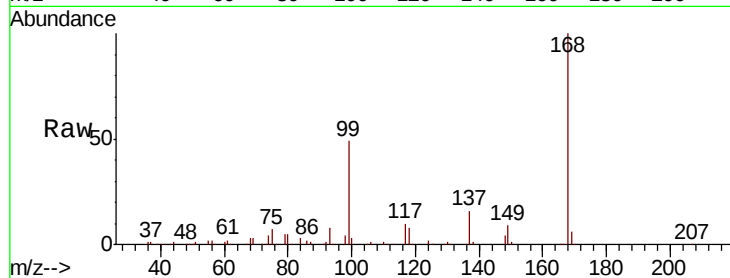
S-23-V

Tot Ion:168 Resp: 180166

Ion Ratio Lower Upper

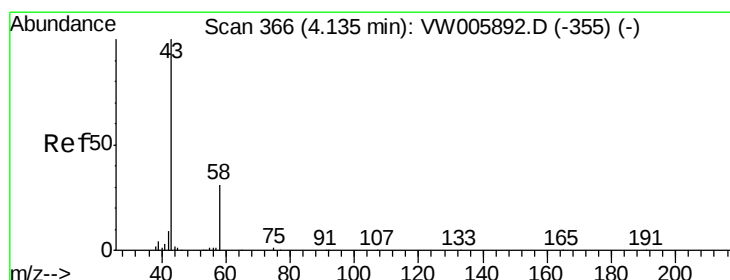
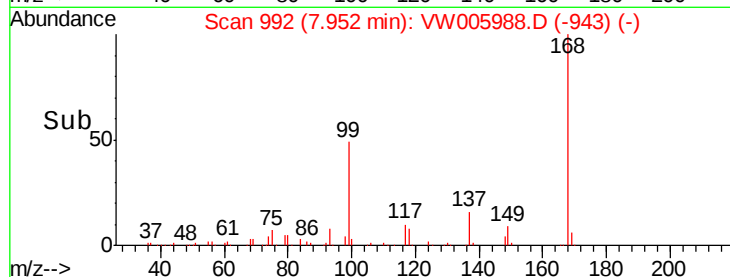
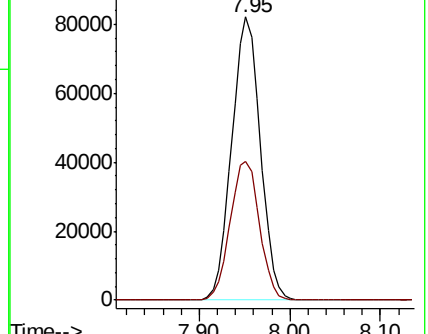
168 100

99 48.9 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 53.468 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005988.D

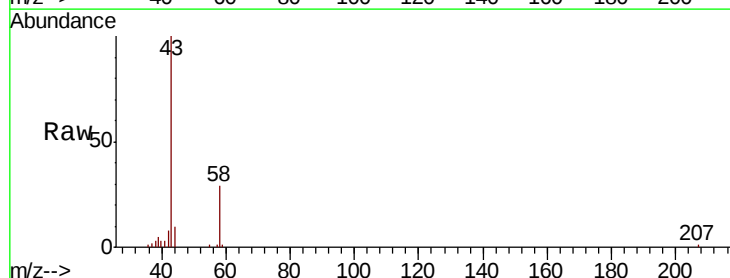
Acq: 10 Oct 2018 15:11

Tgt Ion: 43 Resp: 18679

Ion Ratio Lower Upper

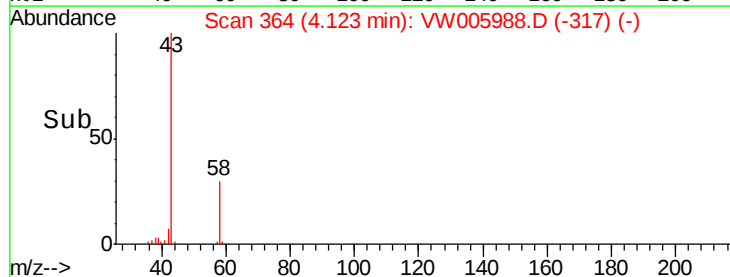
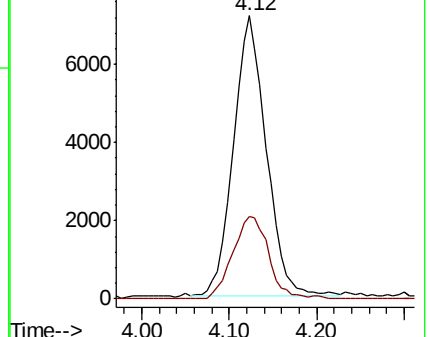
43 100

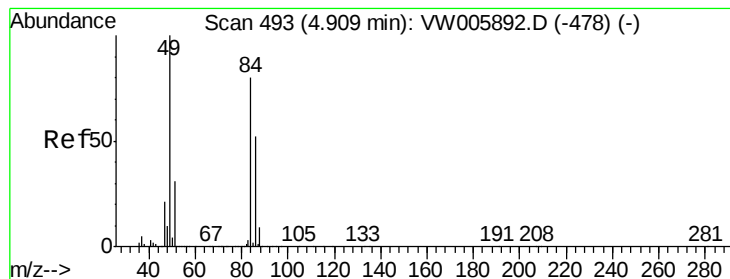
58 29.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 17.704 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005988.D

Acq: 10 Oct 2018 15:11

Instrument :

MSVOA_W

ClientSampled :

S-23-V

Tot Ion: 84 Resp: 30988

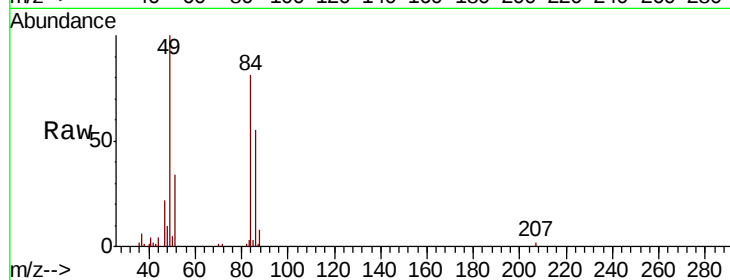
Ion Ratio Lower Upper

84 100

49 122.8 99.9 149.9

51 41.6 31.1 46.7

86 67.6 51.8 77.6



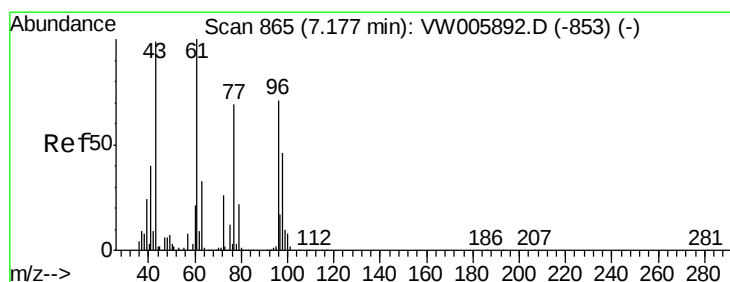
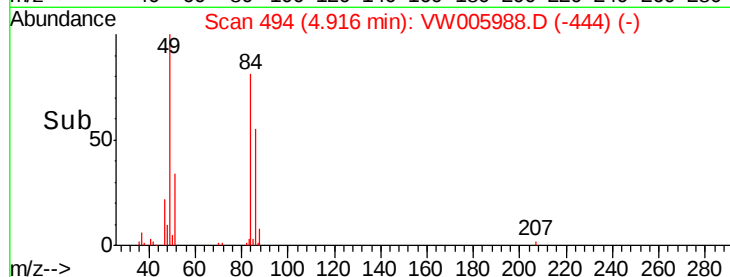
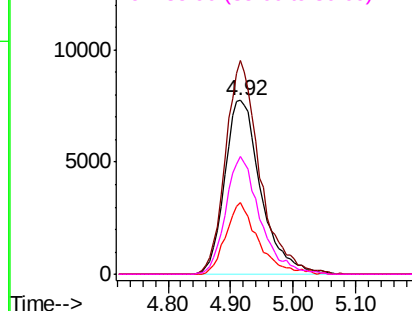
Abundance

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



#25

2-Butanone

Concen: 12.787 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005988.D

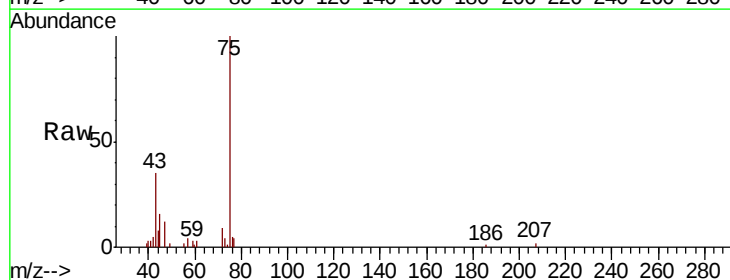
Acq: 10 Oct 2018 15:11

Tgt Ion: 43 Resp: 6354

Ion Ratio Lower Upper

43 100

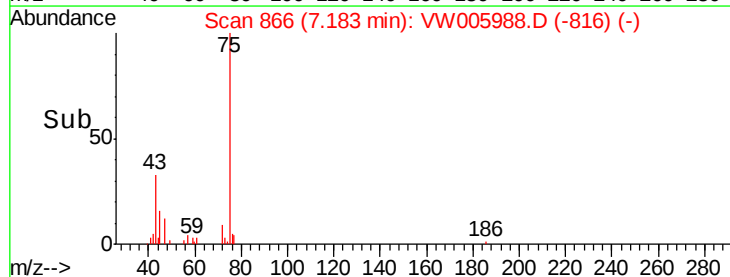
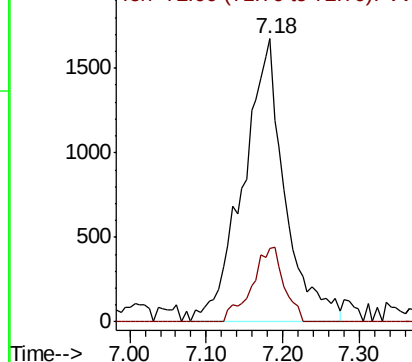
72 25.9 21.0 31.4

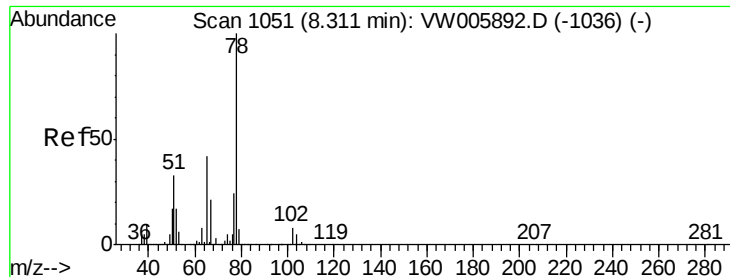


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

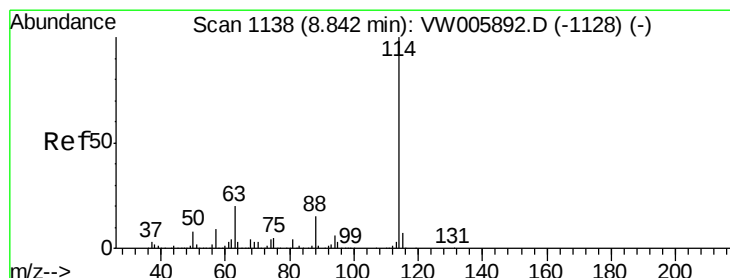
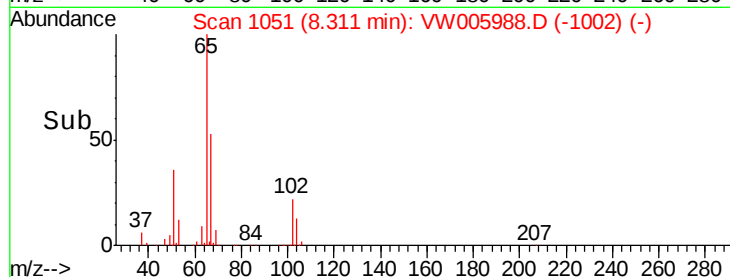
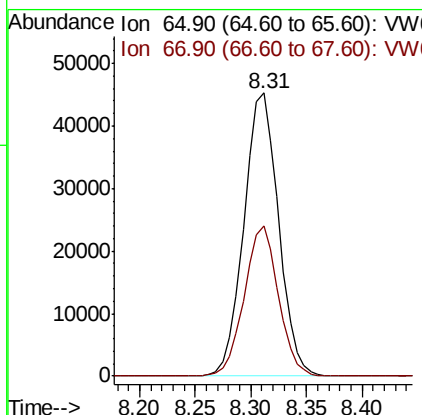
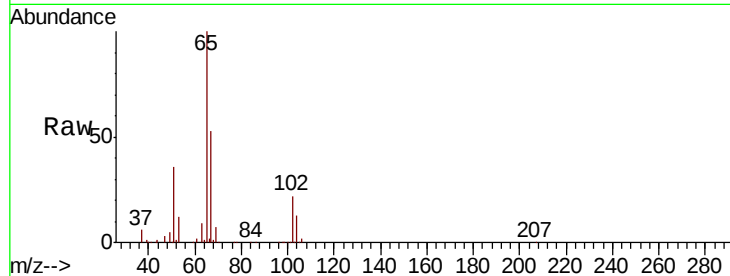




#33
 1,2-Dichloroethane-d4
 Concen: 56.224 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005988.D
 Acq: 10 Oct 2018 15:11

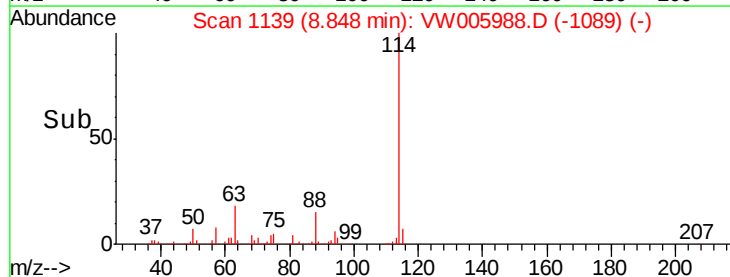
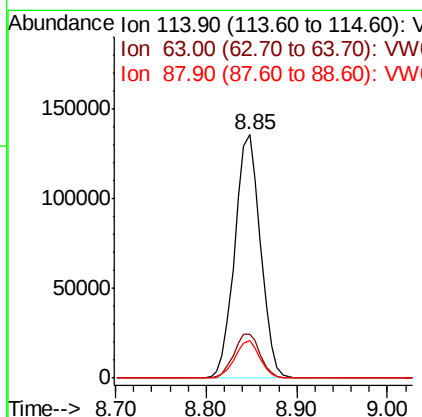
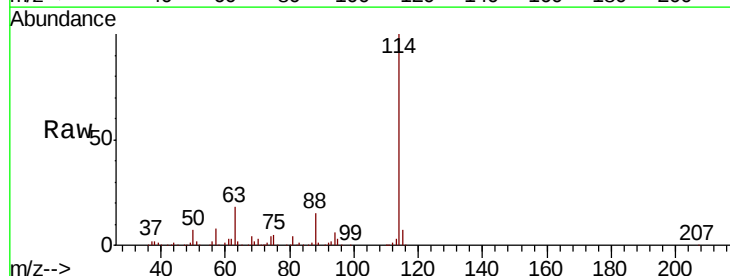
Instrument :
 MSVOA_W
 ClientSampled :
 S-23-V

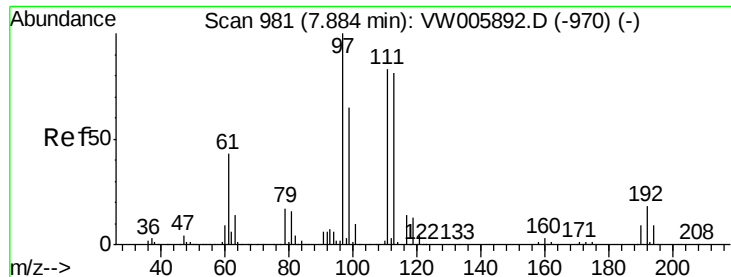
Tot Ion: 65 Resp: 98336
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005988.D
 Acq: 10 Oct 2018 15:11

Tgt Ion: 114 Resp: 267049
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.2
 88 15.4 0.0 30.8

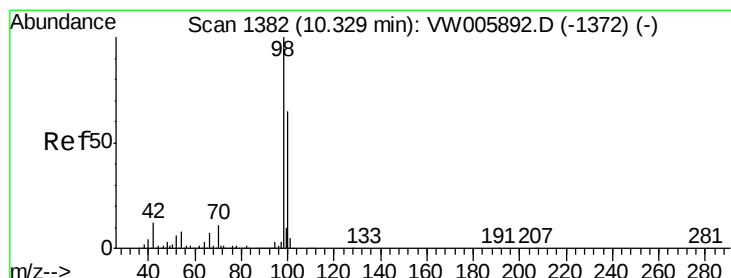
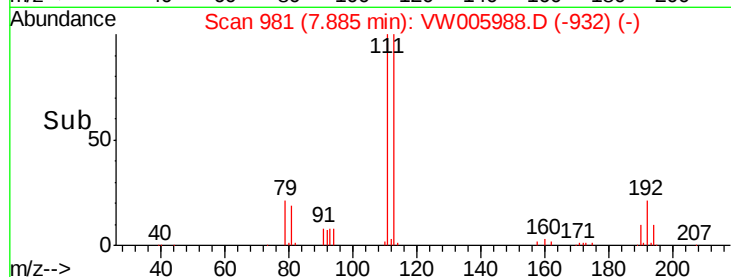
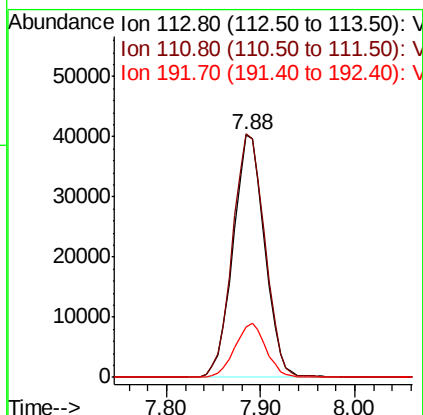
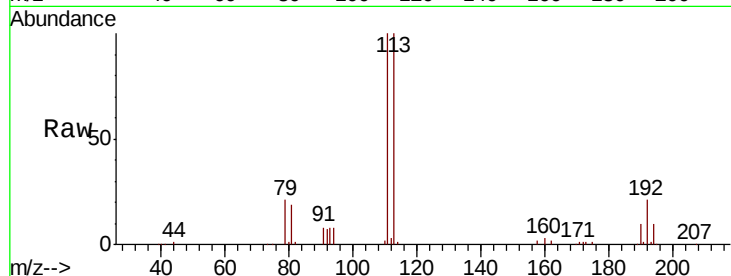




#35
 Dibromofluoromethane
 Concen: 54.869 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005988.D
 Acq: 10 Oct 2018 15:11

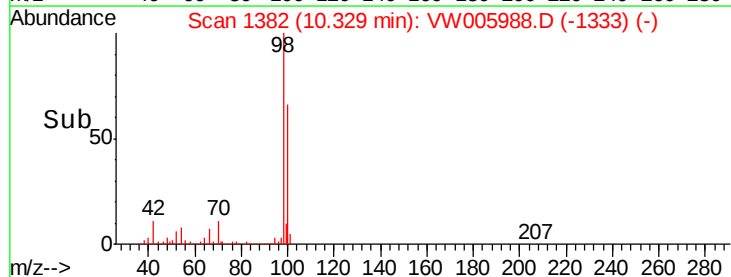
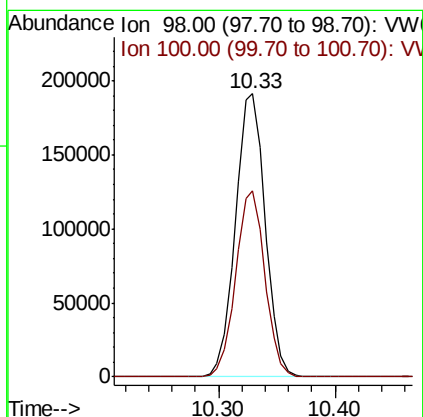
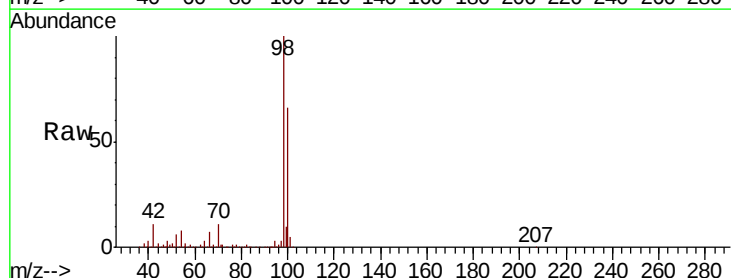
Instrument :
 MSVOA_W
 ClientSampleId :
 S-23-V

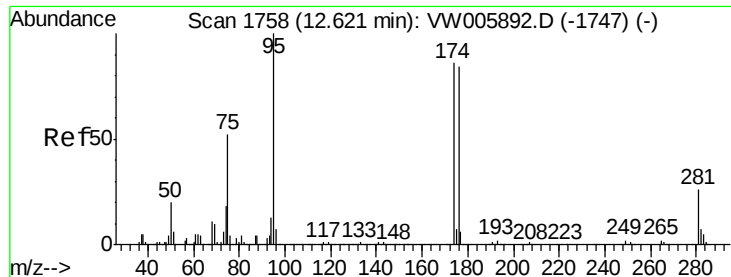
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	21.9	18.3	27.5



#50
 Toluene-d8
 Concen: 51.927 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005988.D
 Acq: 10 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 47.492 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005988.D

Acq: 10 Oct 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

S-23-V

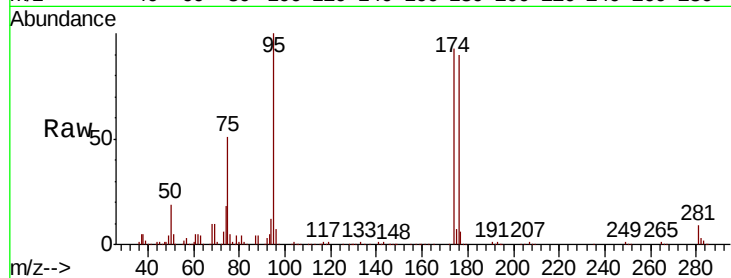
Tot Ion: 95 Resp: 118529

Ion Ratio Lower Upper

95 100

174 92.9 0.0 176.4

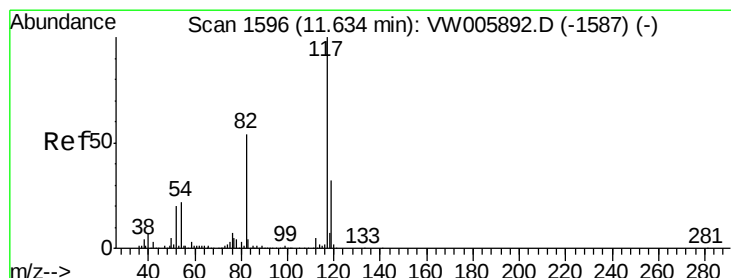
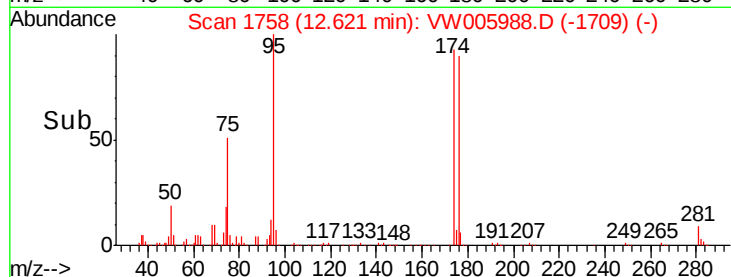
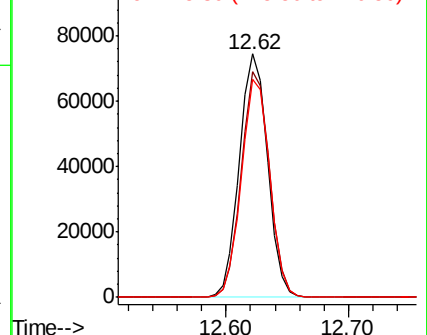
176 90.3 0.0 173.0



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: VW005988.D

Acq: 10 Oct 2018 15:11

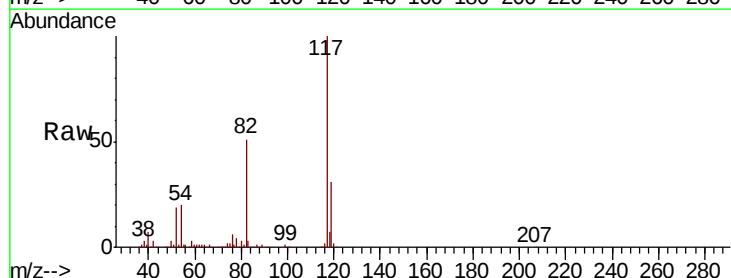
Tgt Ion: 117 Resp: 237618

Ion Ratio Lower Upper

117 100

82 51.1 43.5 65.3

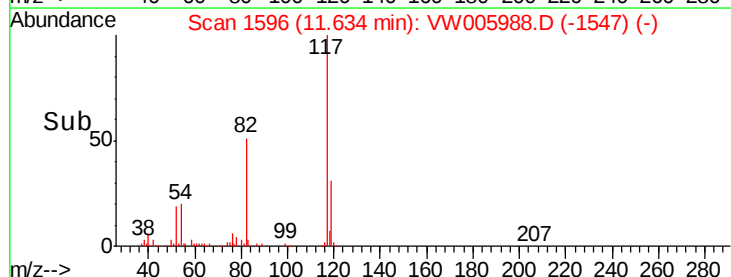
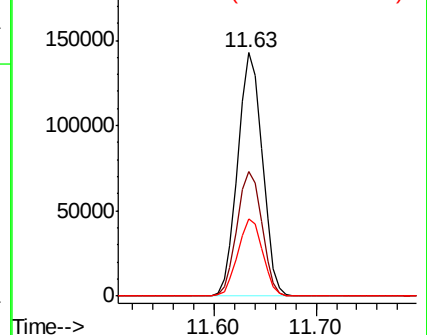
119 31.5 25.4 38.2

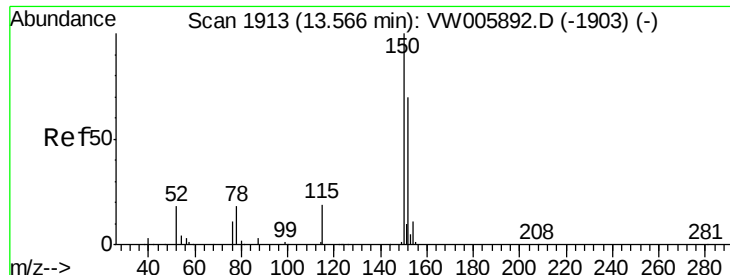


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005988.D

Acq: 10 Oct 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

S-23-V

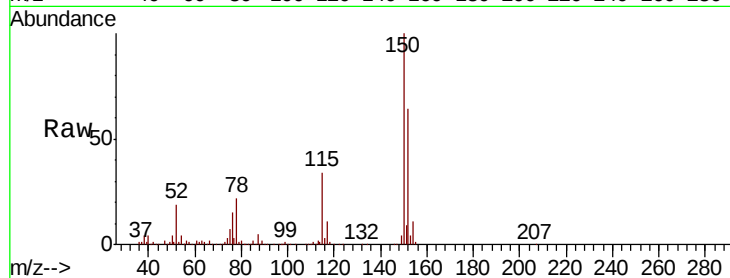
Tot Ion:152 Resp: 116188

Ion Ratio Lower Upper

152 100

115 55.6 28.3 85.0

150 156.2 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

150000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

