

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005986.D
 Acq On : 10 Oct 2018 14:19
 Operator : SY/AP
 Sample : J5306-01
 Misc : 5.59G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-10-V

Quant Time: Oct 11 04:57:43 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

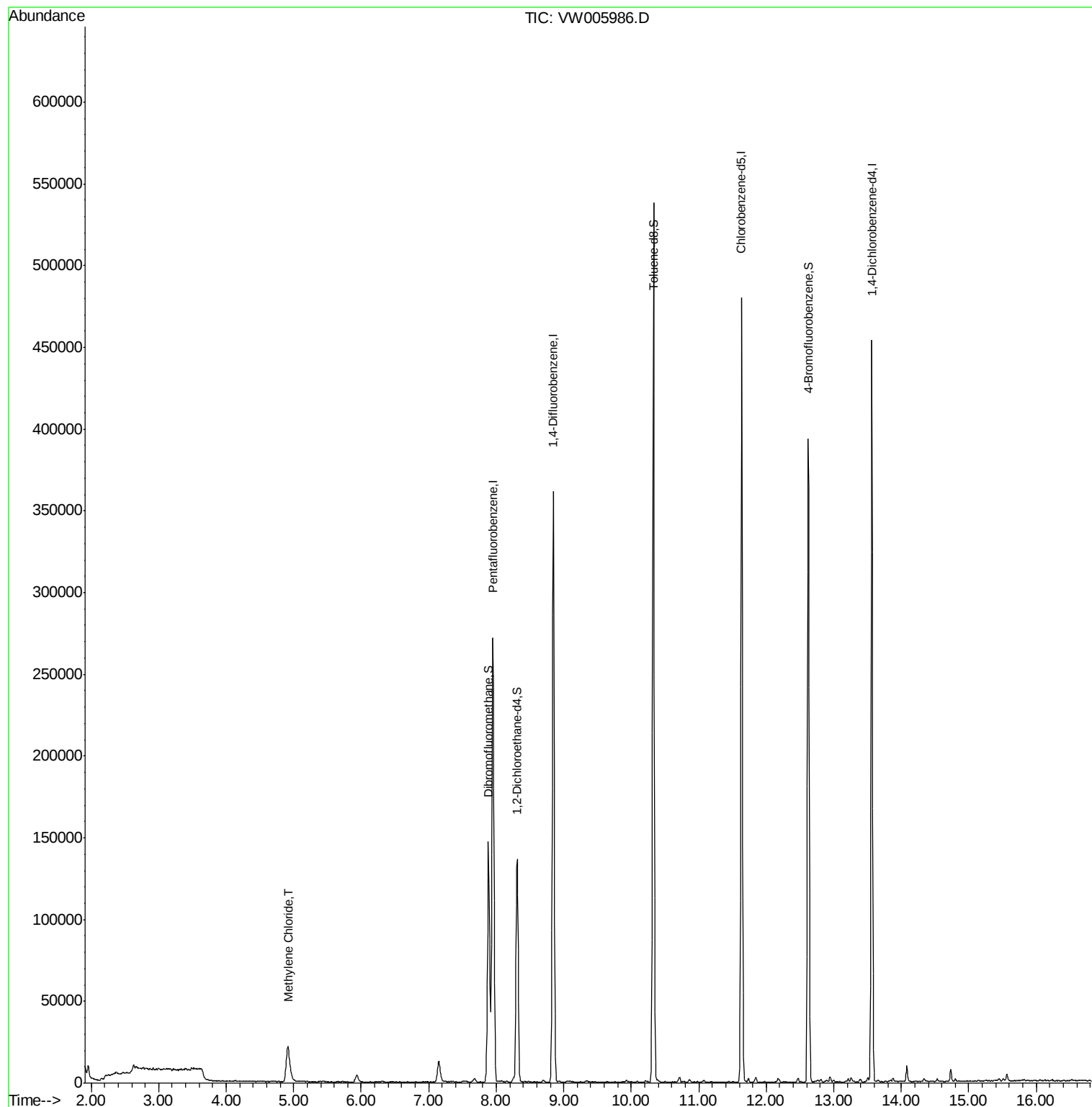
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	320371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	274673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	126485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	106159	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
35) Dibromofluoromethane	7.88	113	101756	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.33	98	368210	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
62) 4-Bromofluorobenzene	12.62	95	120977	40.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.80%	
Target Compounds						
20) Methylene Chloride	4.92	84	21080	9.930	ug/l	Qvalue 95

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampled :

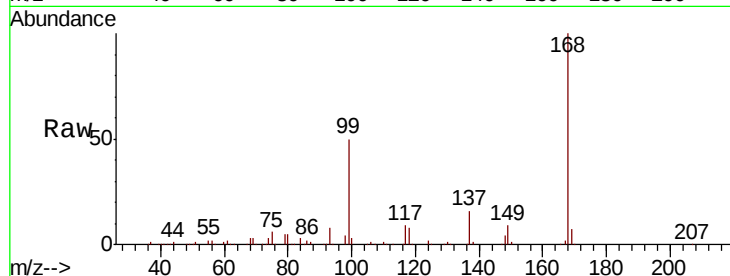
S-10-V

Tot Ion:168 Resp: 218511

Ion Ratio Lower Upper

168 100

99 50.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

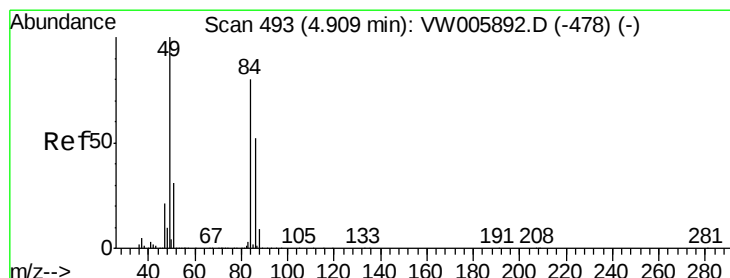
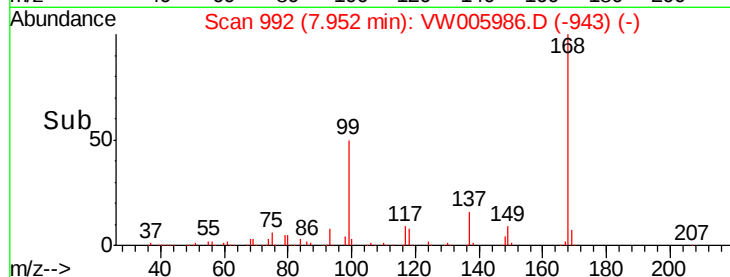
40000

20000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 9.930 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

Tgt Ion: 84 Resp: 21080

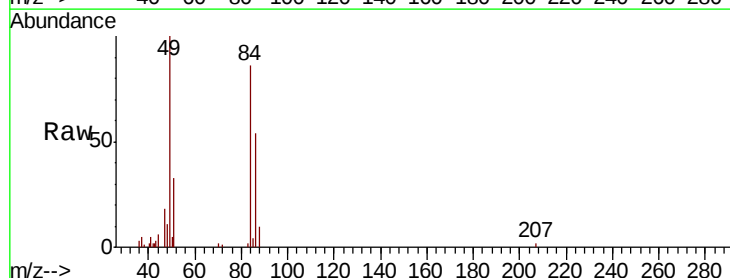
Ion Ratio Lower Upper

84 100

49 116.4 99.9 149.9

51 38.0 31.1 46.7

86 63.2 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

4.92

10000

8000

6000

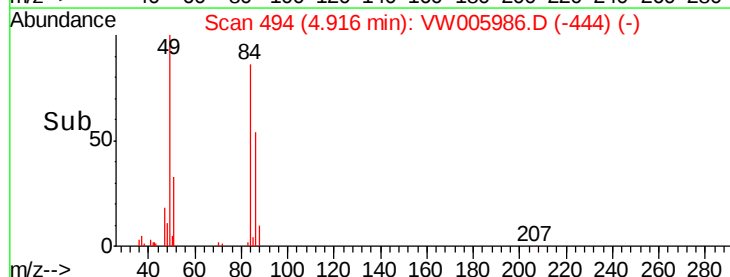
4000

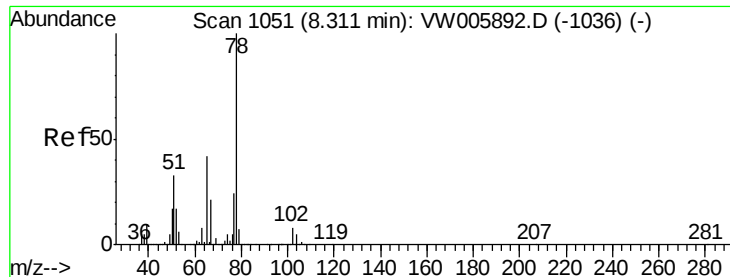
2000

0

Time-->

4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 50.045 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampled :

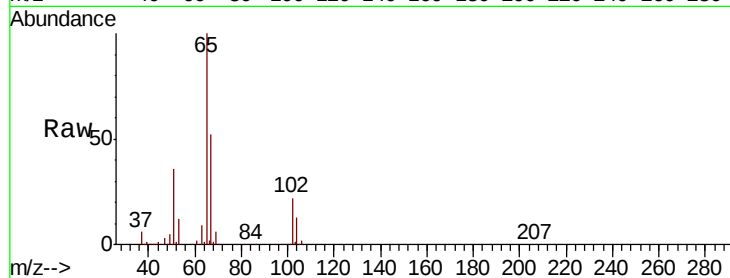
S-10-V

Tot Ion: 65 Resp: 106159

Ion Ratio Lower Upper

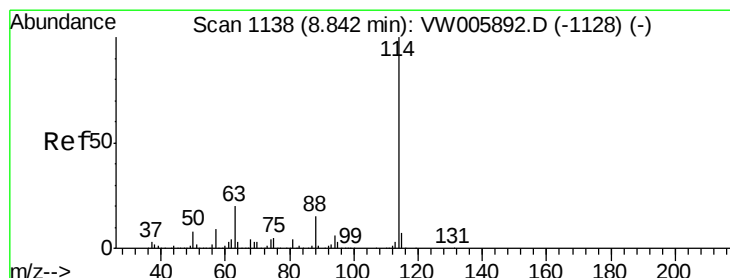
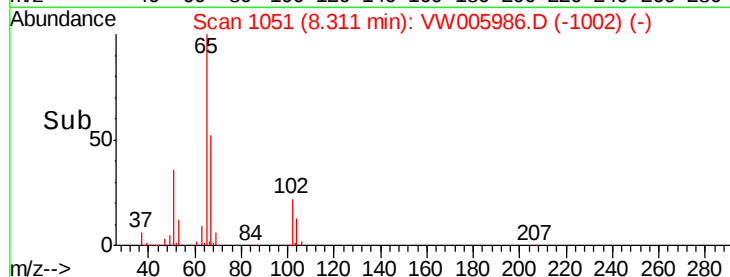
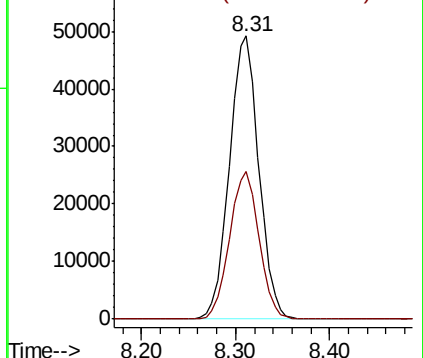
65 100

67 52.3 0.0 104.6



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: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

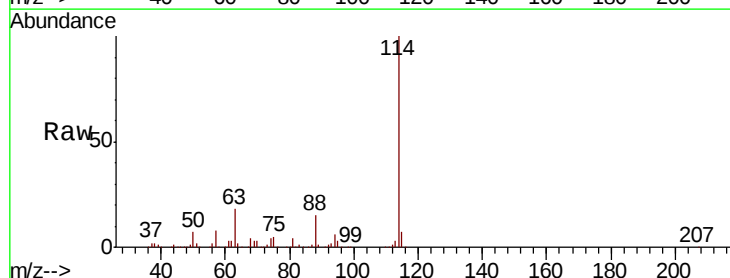
Tgt Ion: 114 Resp: 320371

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.2

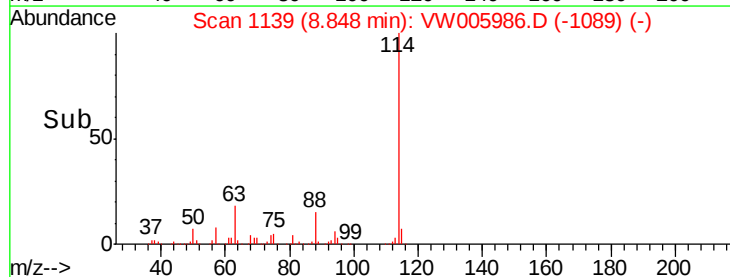
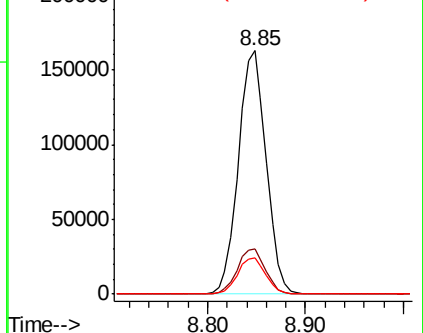
88 15.0 0.0 30.8

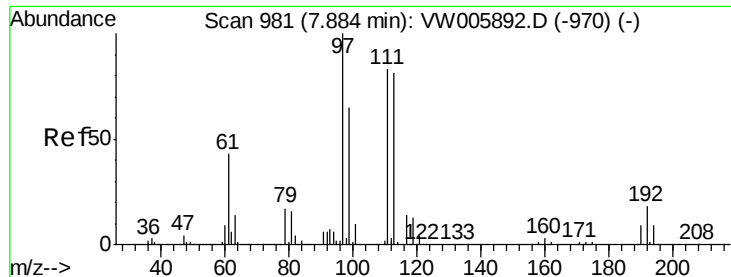


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

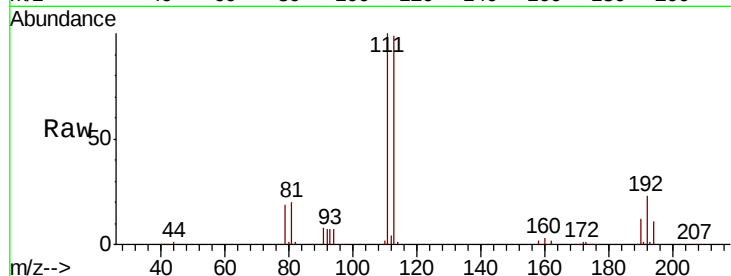




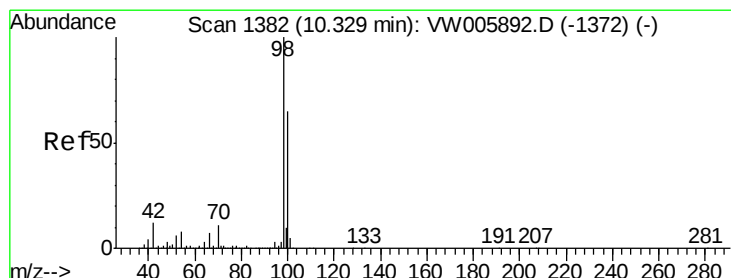
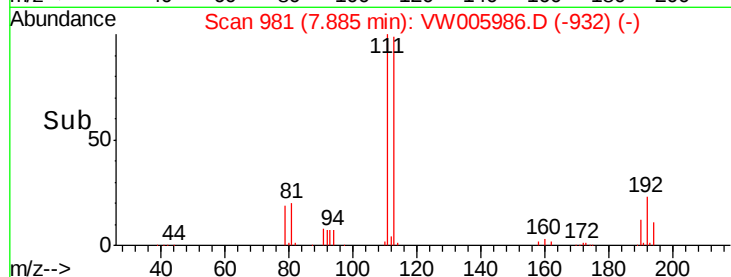
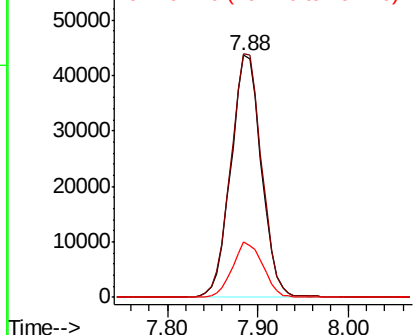
#35
 Dibromofluoromethane
 Concen: 49.748 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005986.D
 Acq: 10 Oct 2018 14:19

Instrument :
 MSVOA_W
 ClientSampleId :
 S-10-V

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	22.6	18.3	27.5

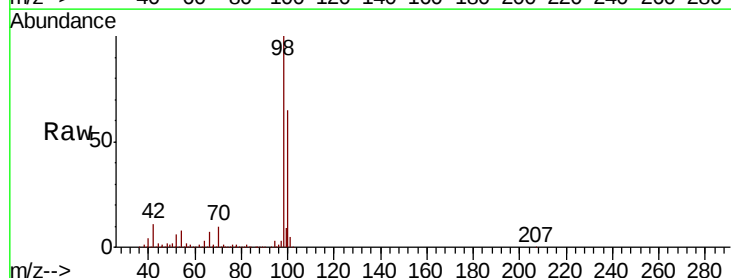


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

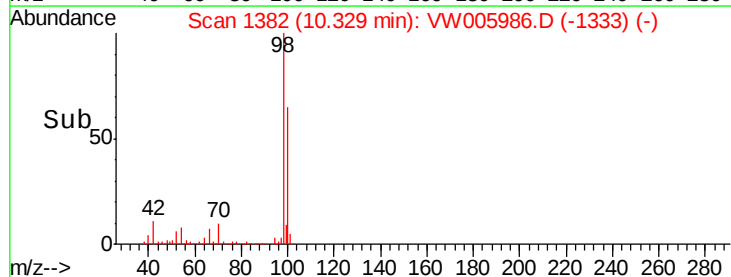
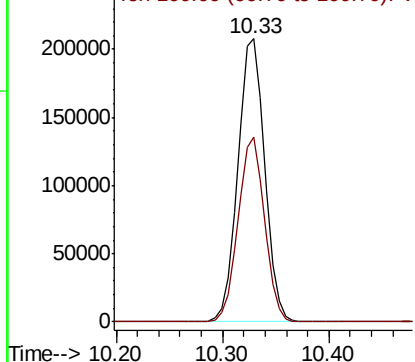


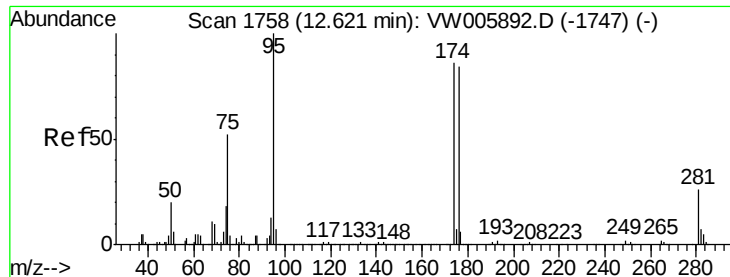
#50
 Toluene-d8
 Concen: 46.789 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005986.D
 Acq: 10 Oct 2018 14:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 40.405 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

S-10-V

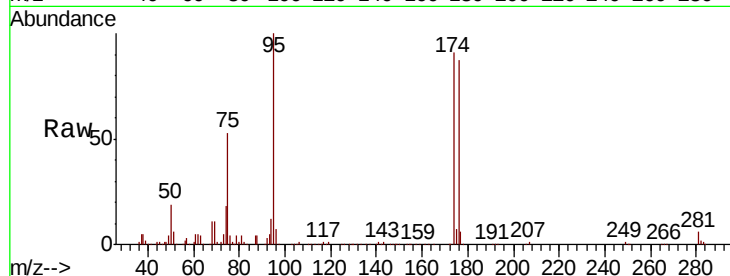
Tot Ion: 95 Resp: 120977

Ion Ratio Lower Upper

95 100

174 93.2 0.0 176.4

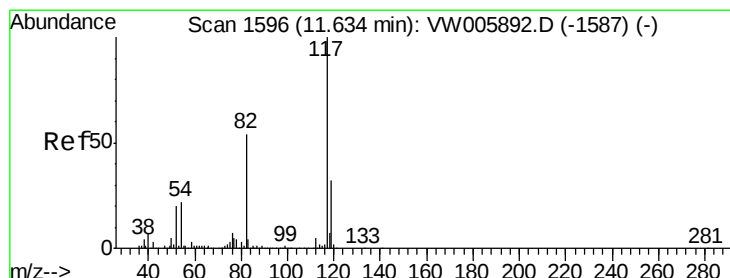
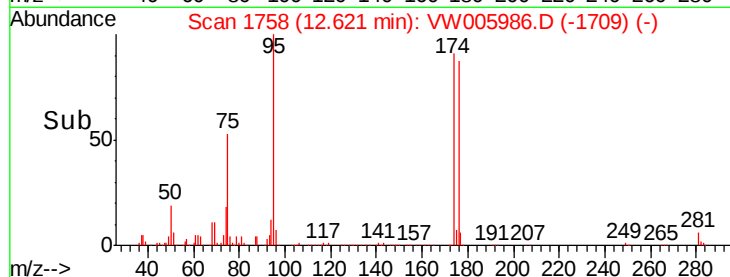
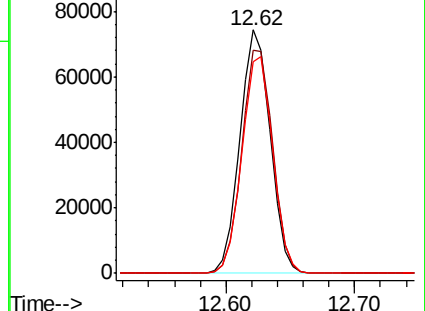
176 90.1 0.0 173.0



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: VW005986.D

Acq: 10 Oct 2018 14:19

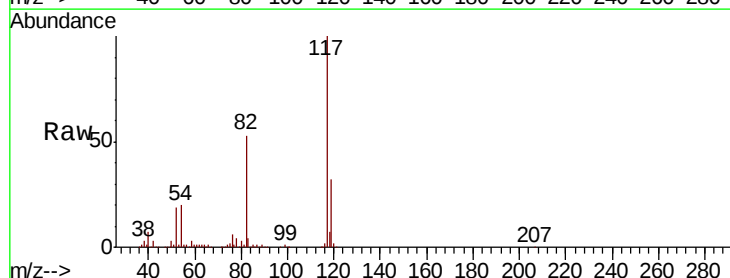
Tgt Ion: 117 Resp: 274673

Ion Ratio Lower Upper

117 100

82 52.6 43.5 65.3

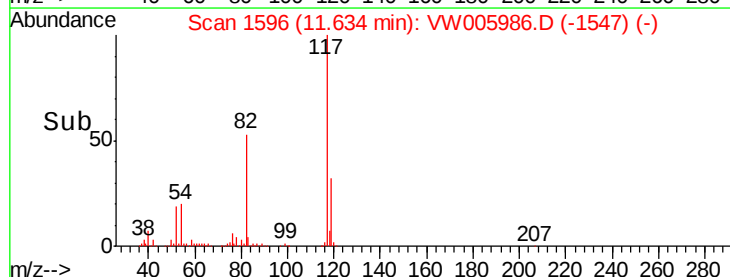
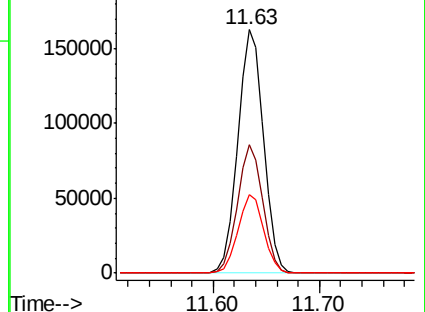
119 32.0 25.4 38.2

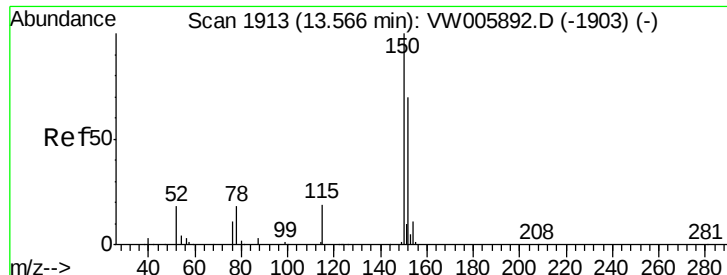


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW005986.D

Acq: 10 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

S-10-V

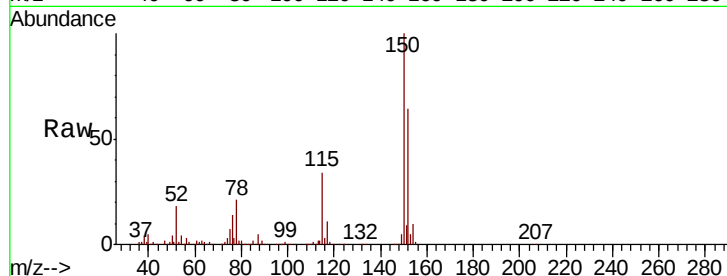
Tot Ion:152 Resp: 126485

Ion Ratio Lower Upper

152 100

115 55.1 28.3 85.0

150 156.6 0.0 349.2



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

