

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021819\
 Data File : VW008742.D
 Acq On : 18 Feb 2019 21:21
 Operator : SY/VA
 Sample : K1513-01RE
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FLOORSRE

Quant Time: Feb 19 11:14:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

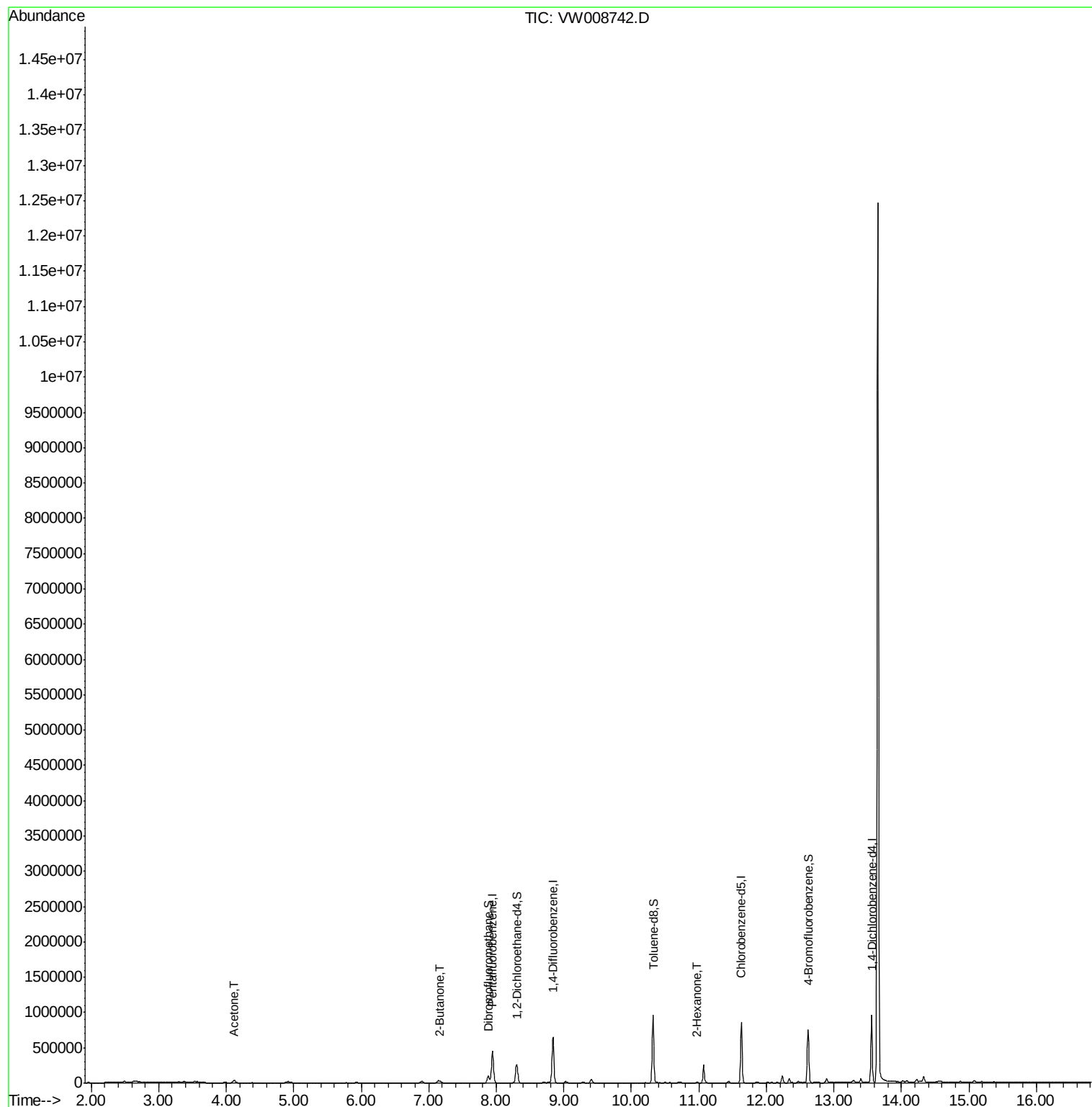
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	350328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	530456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	471476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	237843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	198918	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
35) Dibromofluoromethane	7.88	113	69538	21.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.22%	
50) Toluene-d8	10.32	98	633001	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	227136	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
Target Compounds						
16) Acetone	4.12	43	59566	71.871	ug/l	92
25) 2-Butanone	7.17	43	19949	17.046	ug/l	99
59) 2-Hexanone	10.97	43	10325	5.581	ug/l	99

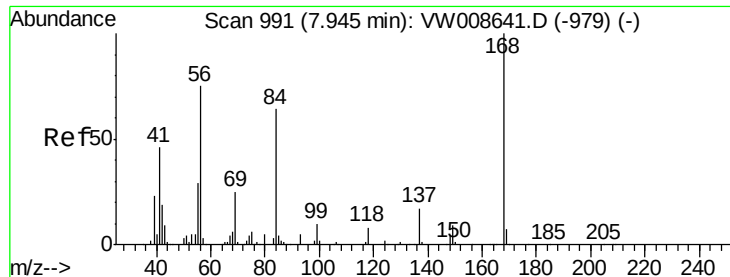
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008742.D

Acq: 18 Feb 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

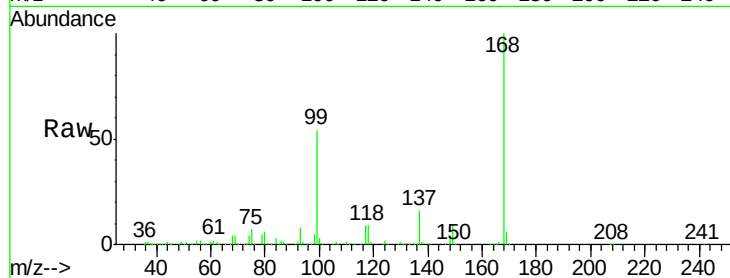
FLOORSRE

Tot Ion:168 Resp: 350328

Ion Ratio Lower Upper

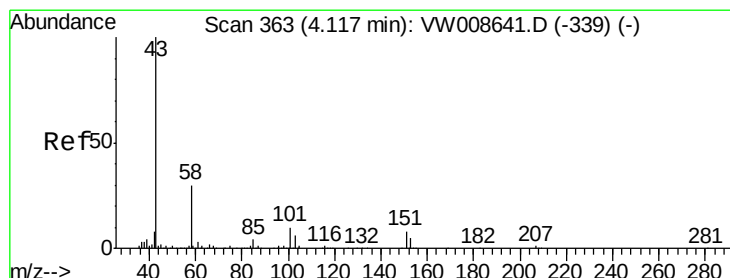
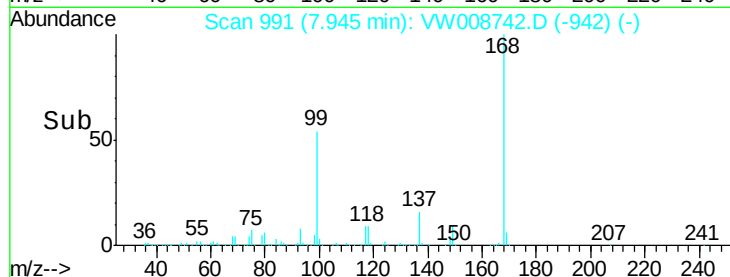
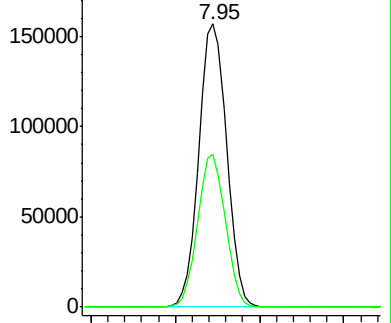
168 100

99 53.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 71.871 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008742.D

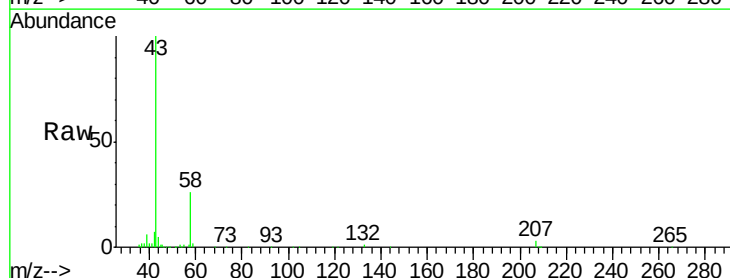
Acq: 18 Feb 2019 21:21

Tgt Ion: 43 Resp: 59566

Ion Ratio Lower Upper

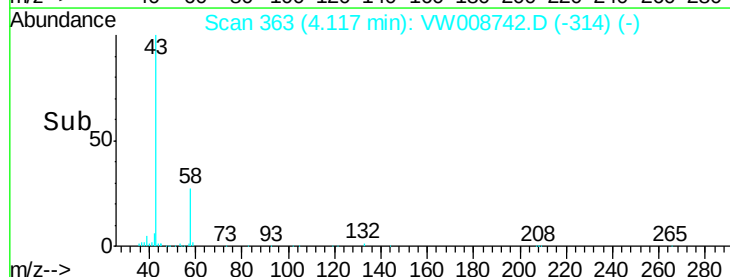
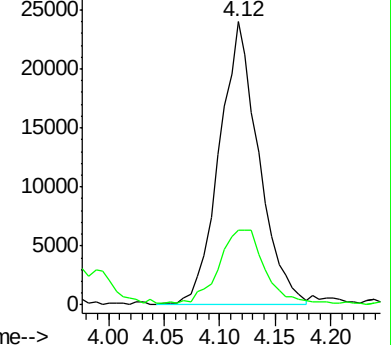
43 100

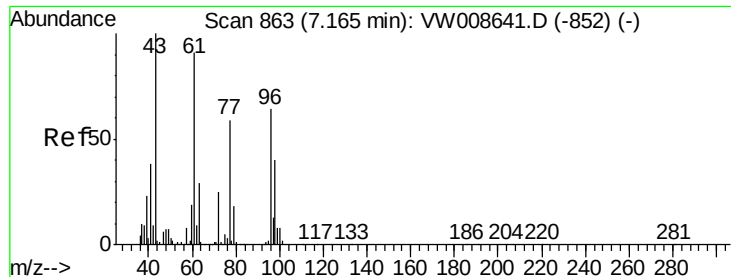
58 25.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 17.046 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008742.D

Acq: 18 Feb 2019 21:21

Instrument :

MSVOA_W

ClientSampled :

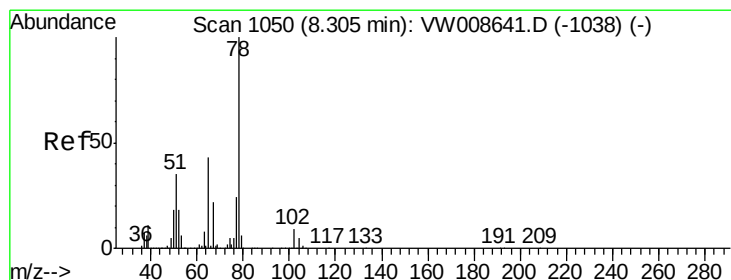
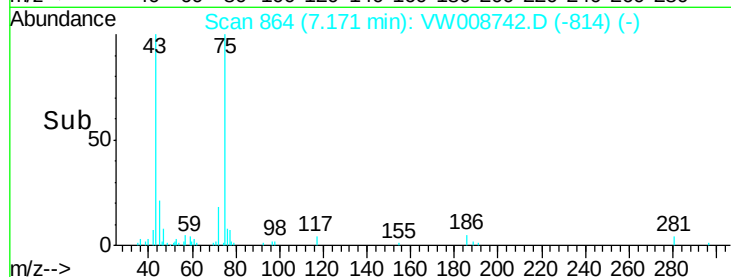
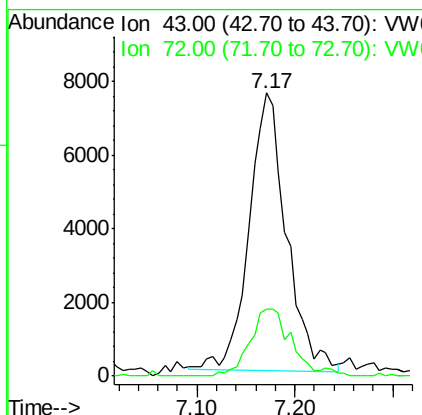
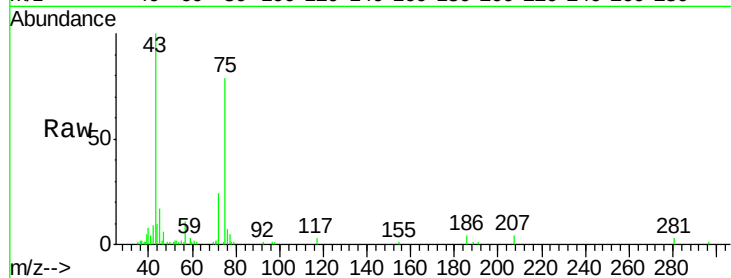
FLOORSRE

Tot Ion: 43 Resp: 19949

Ion Ratio Lower Upper

43 100

72 24.3 19.7 29.5



#33

1,2-Dichloroethane-d4

Concen: 54.616 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008742.D

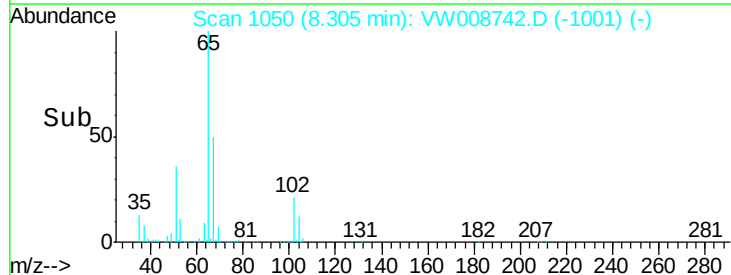
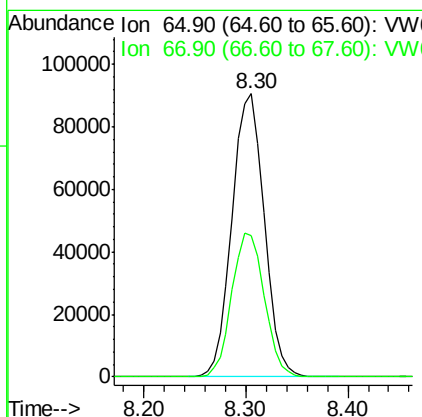
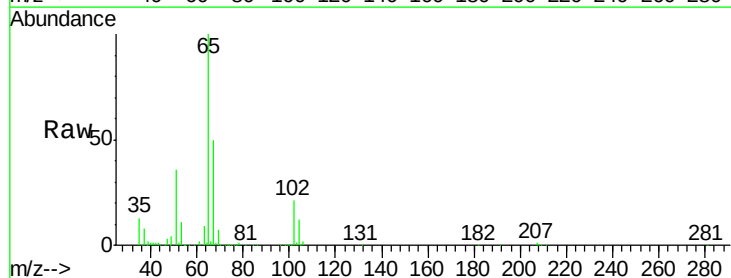
Acq: 18 Feb 2019 21:21

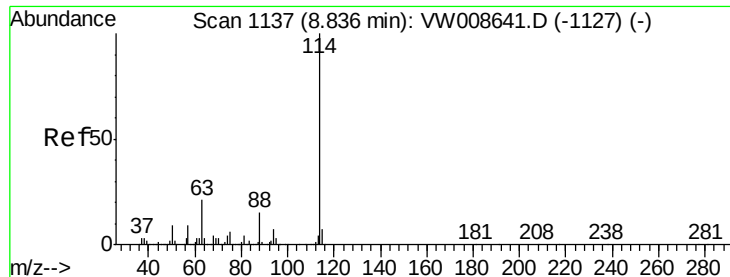
Tgt Ion: 65 Resp: 198918

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.0

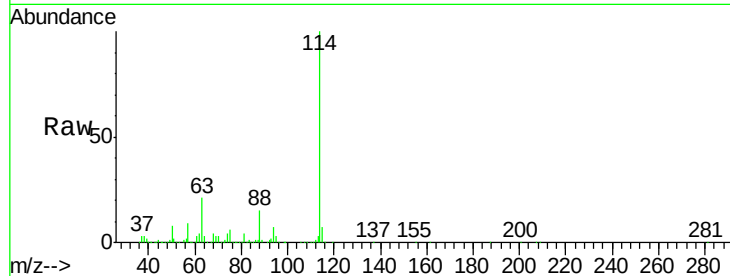




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008742.D
 Acq: 18 Feb 2019 21:21

Instrument :
 MSVOA_W
 ClientSampleId :
 FLOORSRE

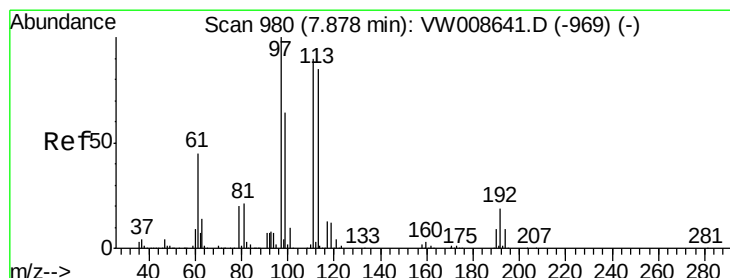
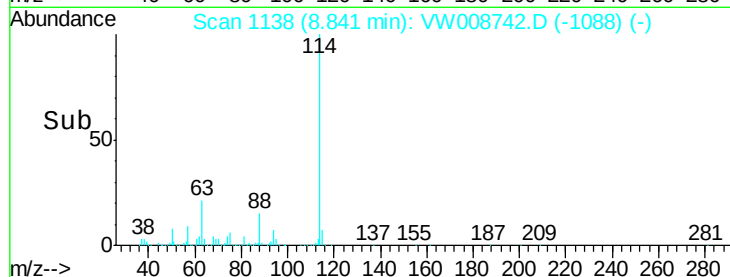
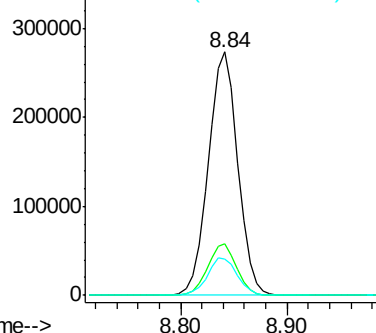
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.2
88	15.1	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

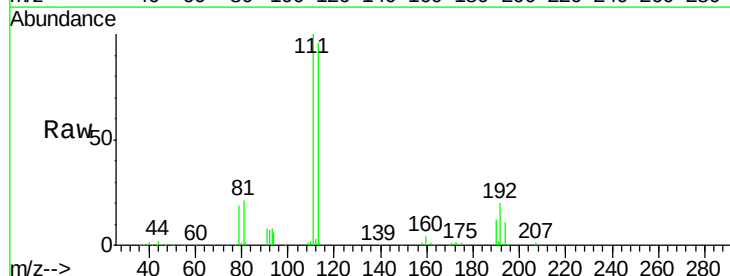
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 21.112 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW008742.D
 Acq: 18 Feb 2019 21:21

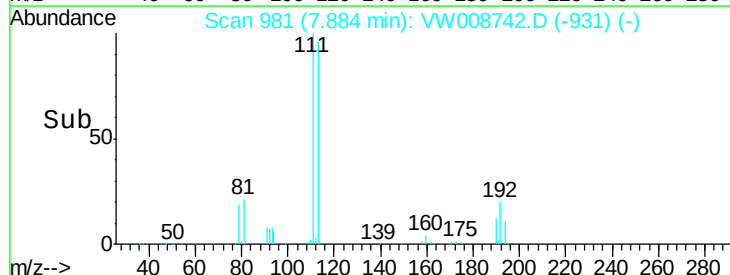
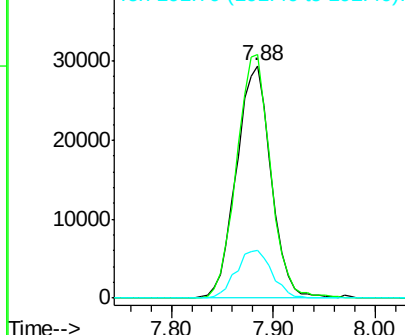
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	84.0	126.0
192	21.3	17.4	26.2

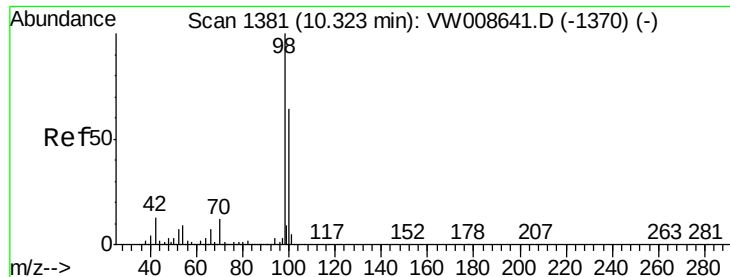


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.854 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008742.D

Acq: 18 Feb 2019 21:21

Instrument :

MSVOA_W

ClientSampled :

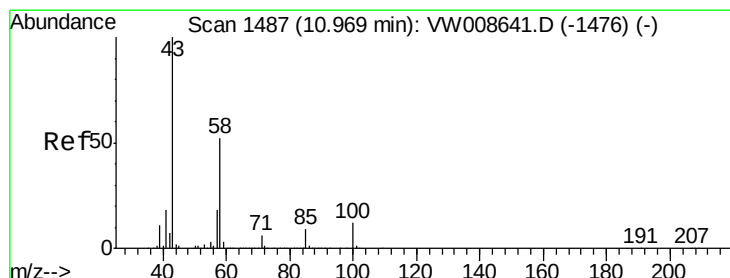
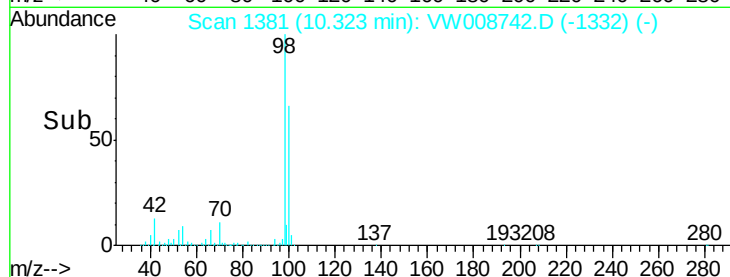
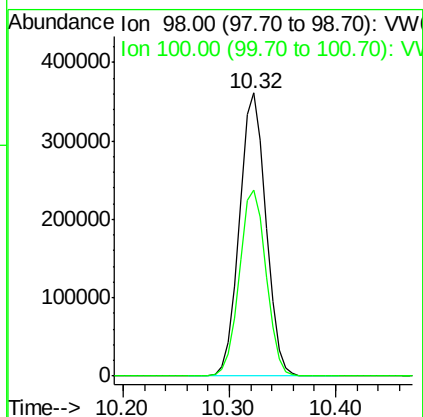
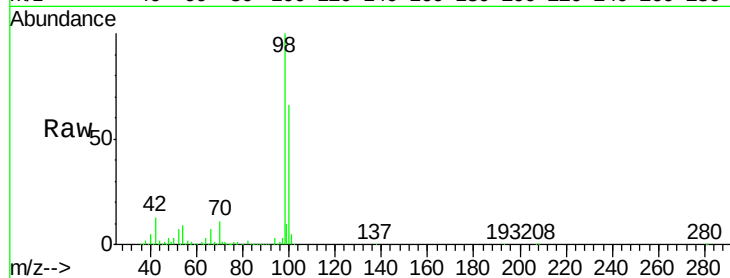
FLOORSRE

Tot Ion: 98 Resp: 633001

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.4



#59

2-Hexanone

Concen: 5.581 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW008742.D

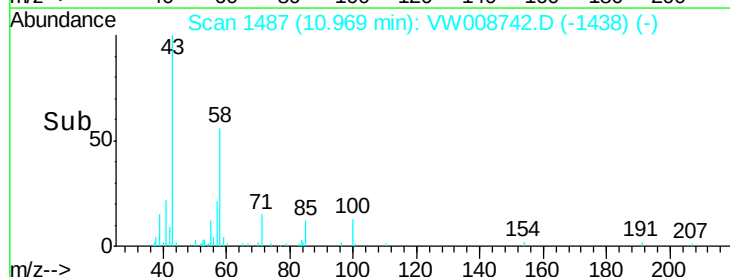
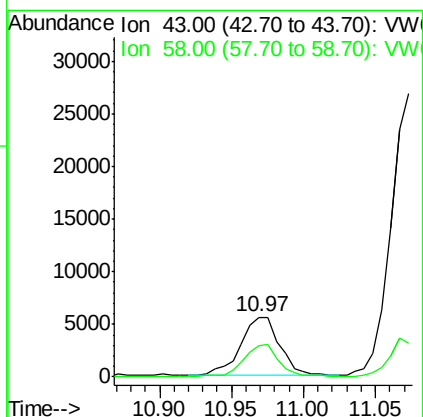
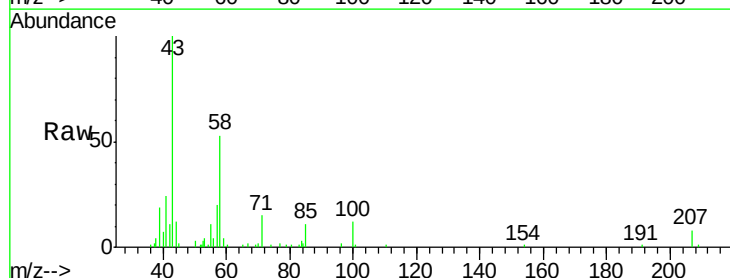
Acq: 18 Feb 2019 21:21

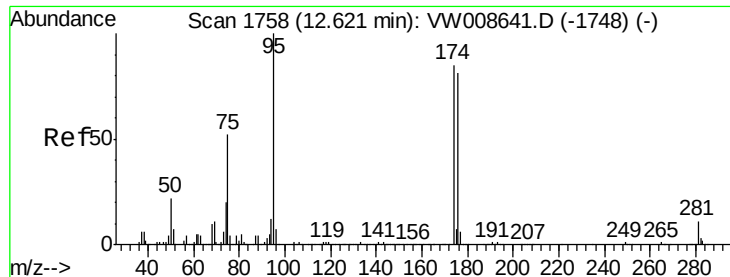
Tgt Ion: 43 Resp: 10325

Ion Ratio Lower Upper

43 100

58 51.7 25.6 76.6





#62

4-Bromofluorobenzene

Concen: 47.492 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008742.D

Acq: 18 Feb 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

FLOORSRE

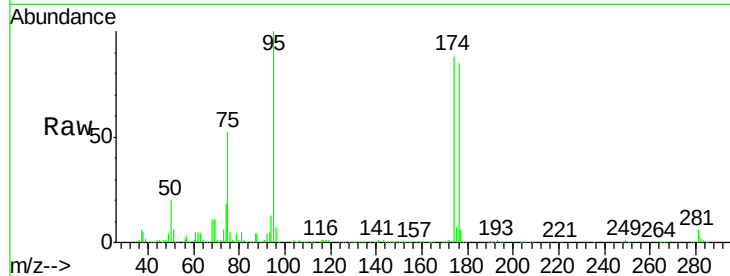
Tot Ion: 95 Resp: 227136

Ion Ratio Lower Upper

95 100

174 84.7 0.0 163.2

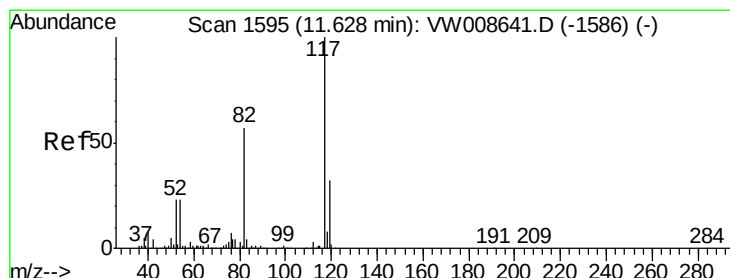
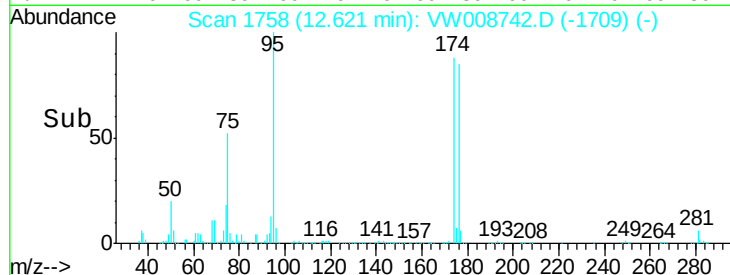
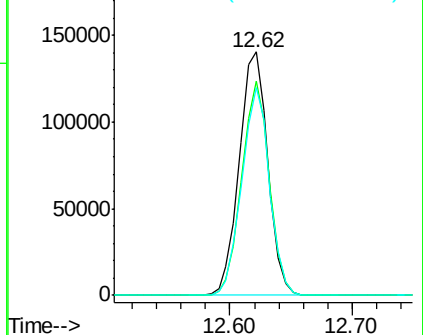
176 82.8 0.0 158.0



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. 0.01 min

Lab File: VW008742.D

Acq: 18 Feb 2019 21:21

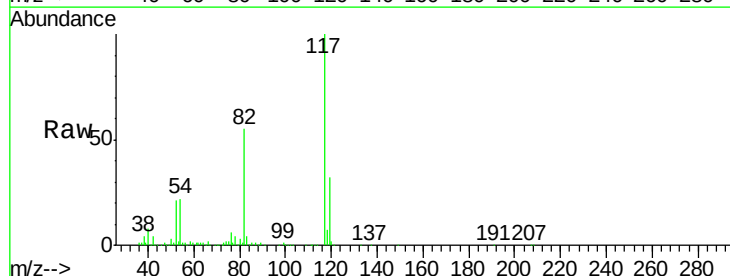
Tgt Ion: 117 Resp: 471476

Ion Ratio Lower Upper

117 100

82 54.7 45.6 68.4

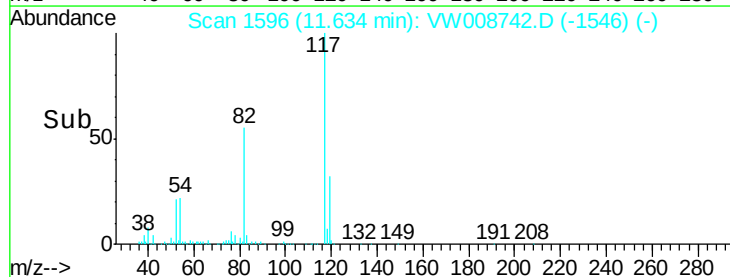
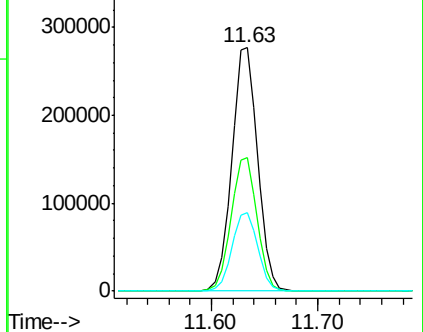
119 32.2 25.7 38.5

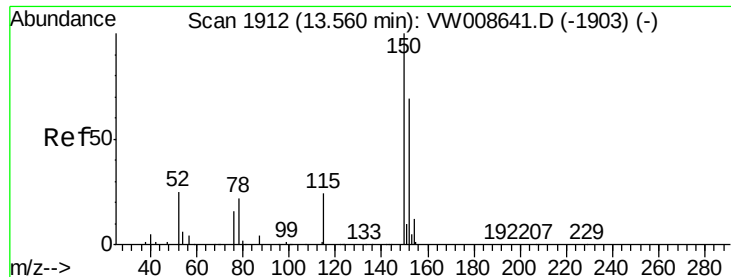


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008742.D

Acq: 18 Feb 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

FLOORSRE

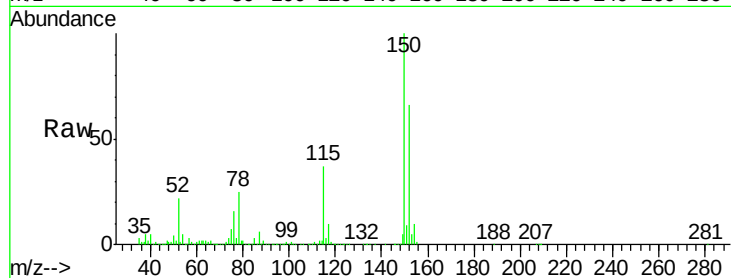
Tot Ion:152 Resp: 237843

Ion Ratio Lower Upper

152 100

115 56.2 29.3 87.8

150 156.9 0.0 352.8



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

