

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013768.D
 Acq On : 28 Oct 2019 15:57
 Operator : SY/VA
 Sample : K5539-12
 Misc : 8.85G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 163-52-(1)

Quant Time: Nov 07 00:38:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

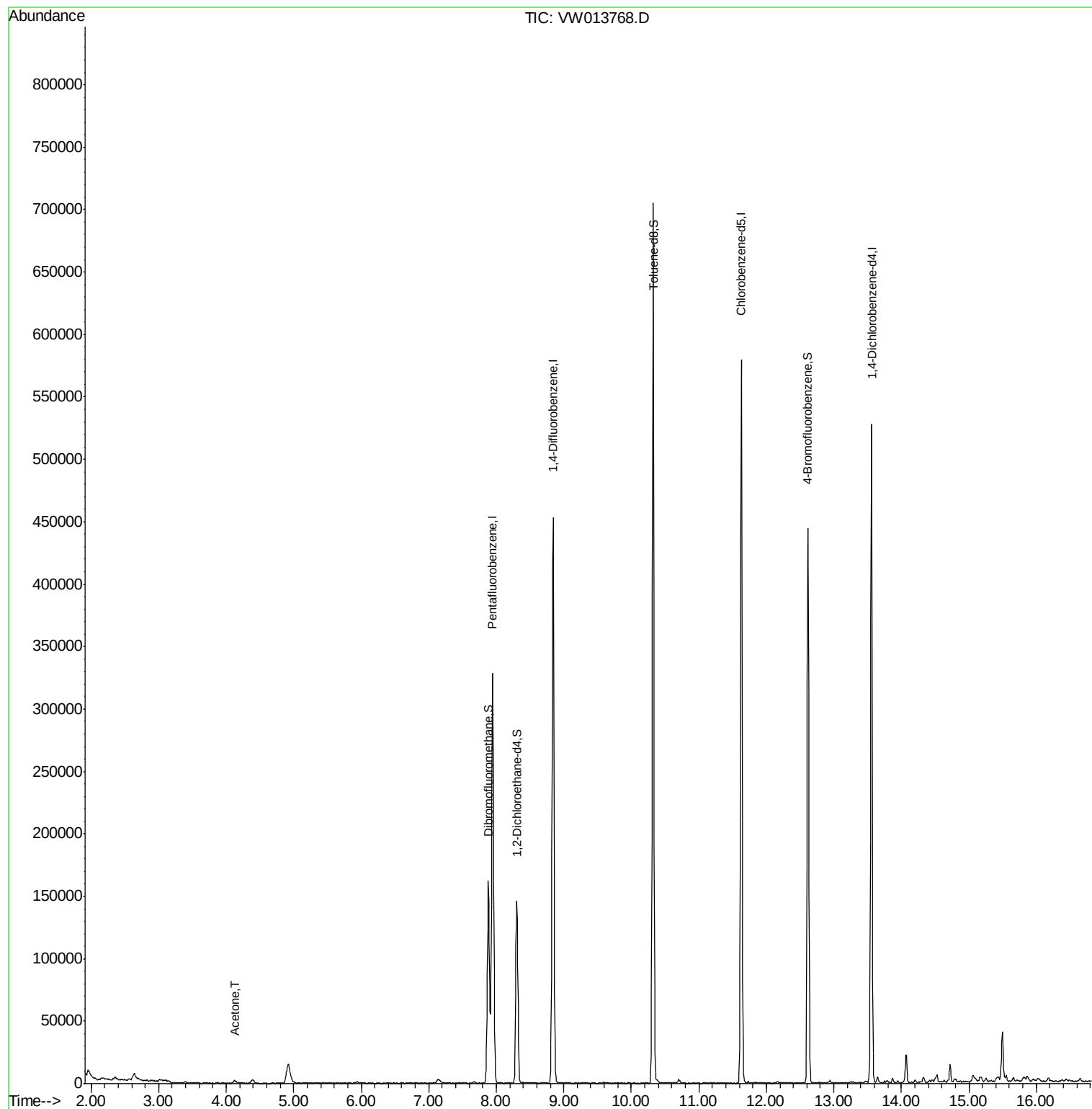
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	113740	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.66%	
35) Dibromofluoromethane	7.88	113	116970	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
50) Toluene-d8	10.32	98	471512	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.62	95	146915	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
Target Compounds						
16) Acetone	4.12	43	3967	9.102	ug/l #	Qvalue 85

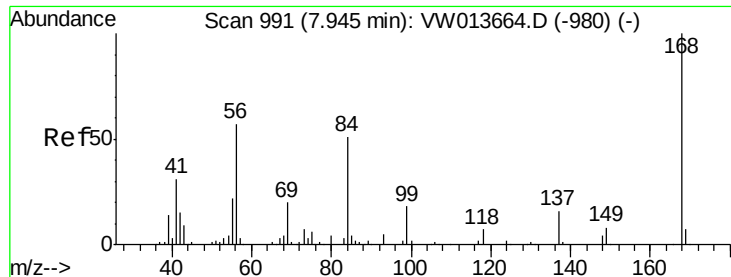
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102819\
Data File : VW013768.D
Acq On : 28 Oct 2019 15:57
Operator : SY/VA
Sample : K5539-12
Misc : 8.85G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
163-52-(1)

Quant Time: Nov 07 00:38:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013768.D

Acq: 28 Oct 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

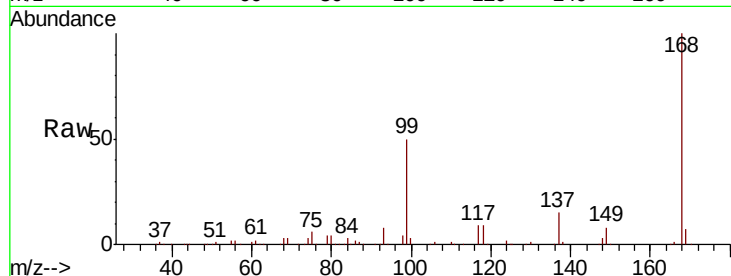
163-52-(1)

Tot Ion:168 Resp: 274012

Ion Ratio Lower Upper

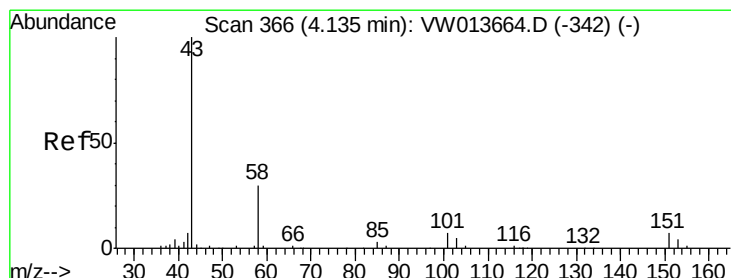
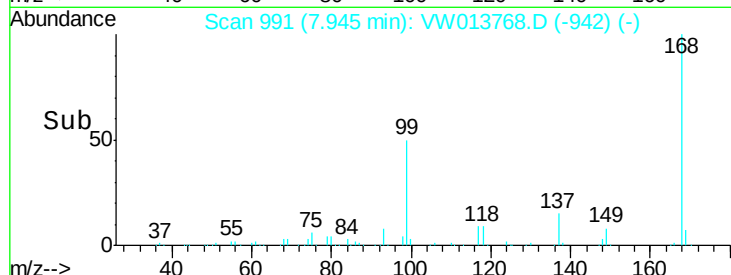
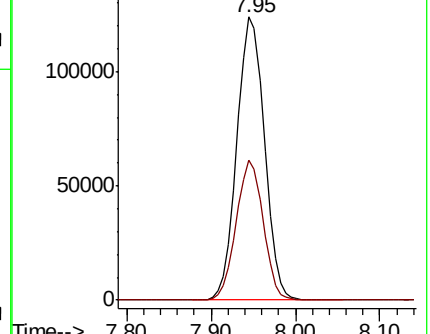
168 100

99 49.5 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 9.102 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013768.D

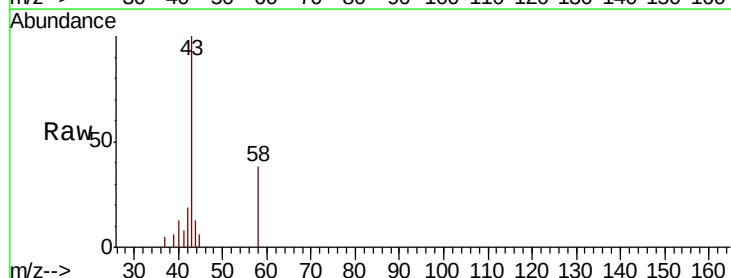
Acq: 28 Oct 2019 15:57

Tgt Ion: 43 Resp: 3967

Ion Ratio Lower Upper

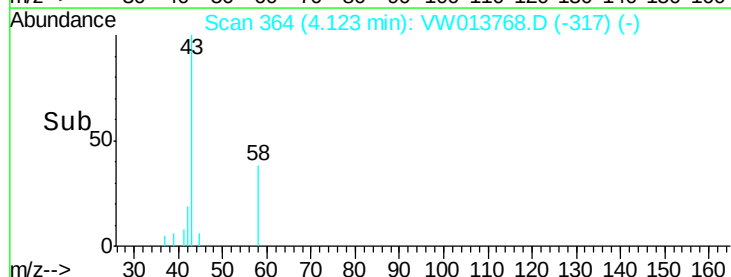
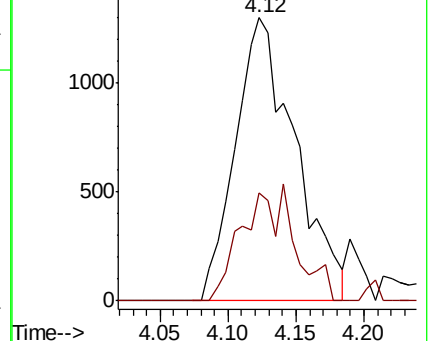
43 100

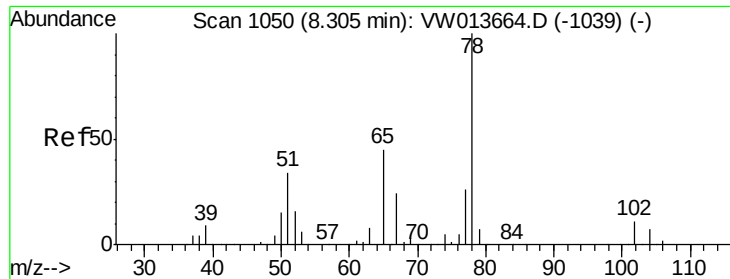
58 38.4 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

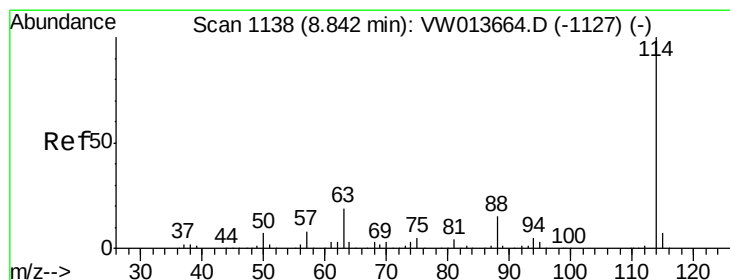
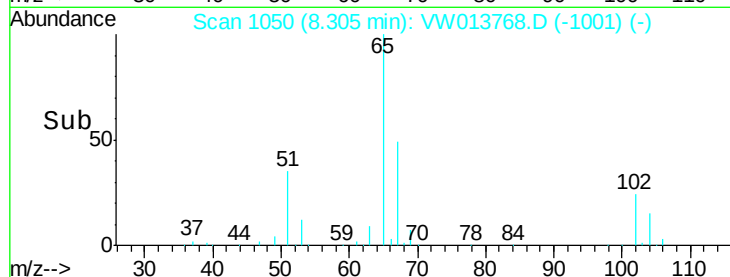
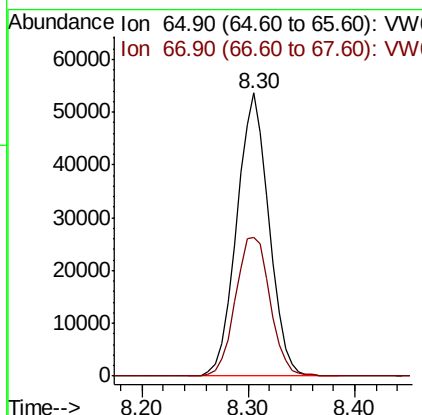
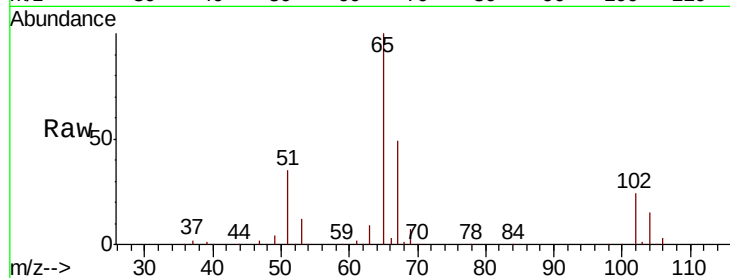




#33
 1,2-Dichloroethane-d4
 Concen: 55.333 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013768.D
 Acq: 28 Oct 2019 15:57

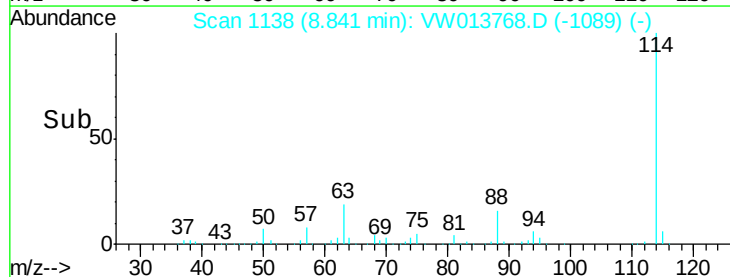
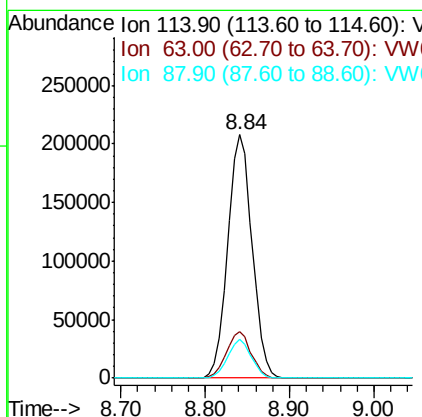
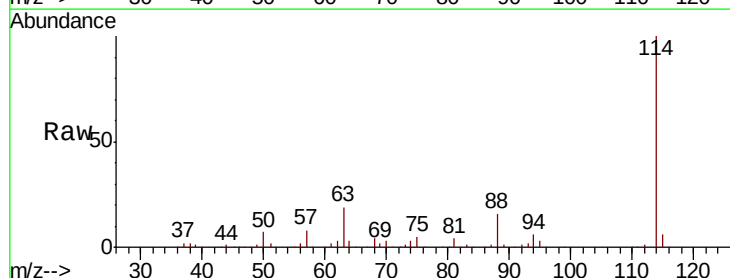
Instrument :
 MSVOA_W
 ClientSampleId :
 163-52-(1)

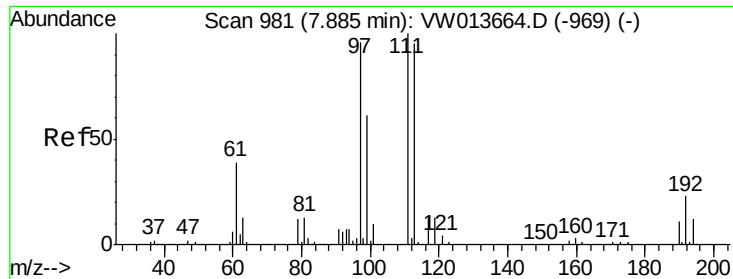
Tot Ion: 65 Resp: 113740
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013768.D
 Acq: 28 Oct 2019 15:57

Tgt Ion: 114 Resp: 408642
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.514 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013768.D

Acq: 28 Oct 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

163-52-(1)

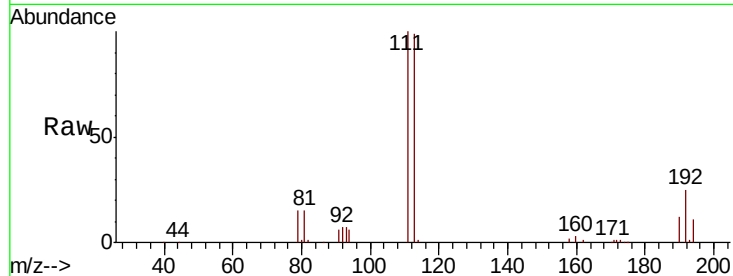
Tot Ion:113 Resp: 116970

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

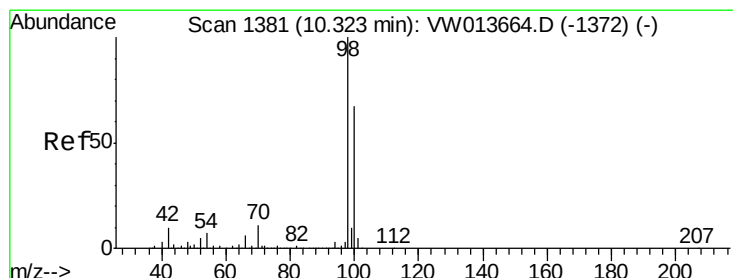
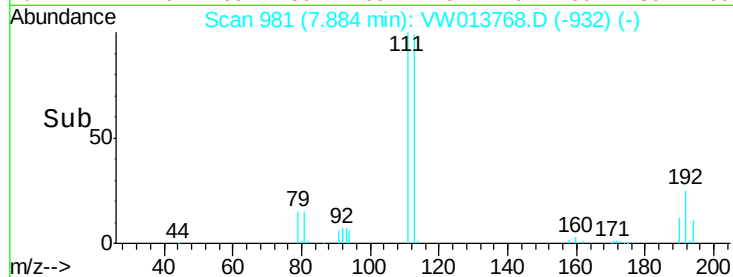
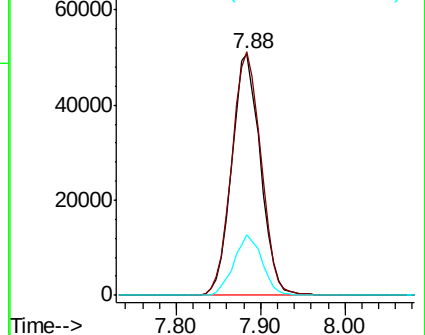
192 24.5 19.4 29.2



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: 50.962 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013768.D

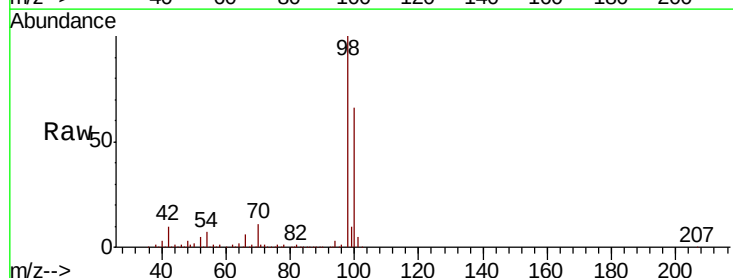
Acq: 28 Oct 2019 15:57

Tgt Ion: 98 Resp: 471512

Ion Ratio Lower Upper

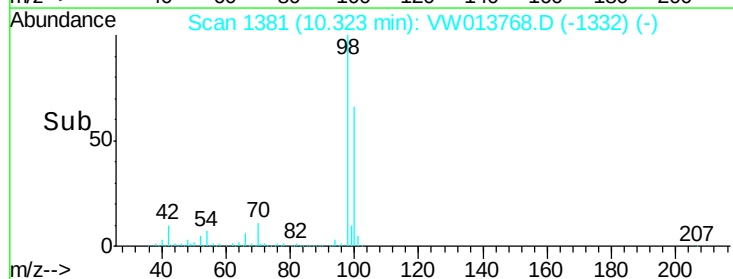
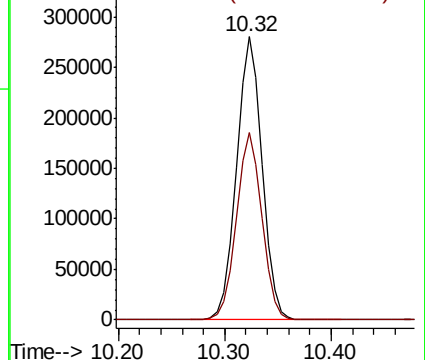
98 100

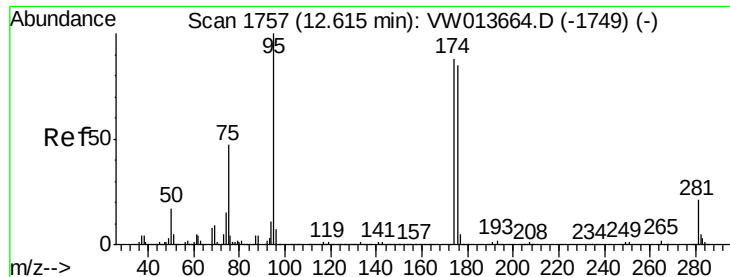
100 65.9 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.895 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013768.D

Acq: 28 Oct 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

163-52-(1)

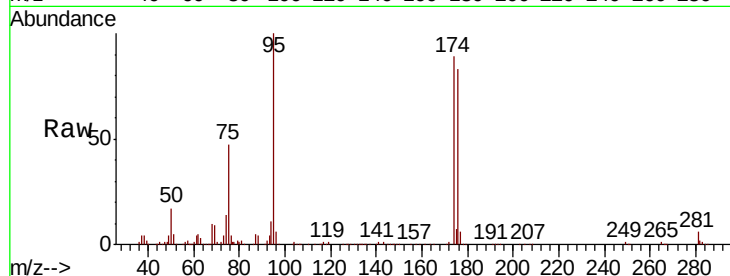
Tot Ion: 95 Resp: 146915

Ion Ratio Lower Upper

95 100

174 92.1 0.0 183.6

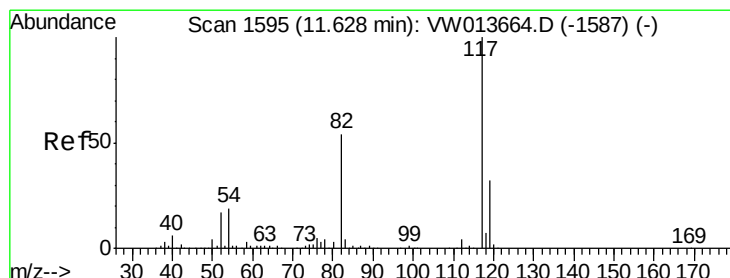
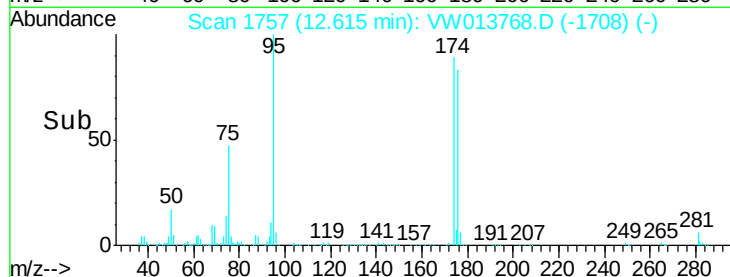
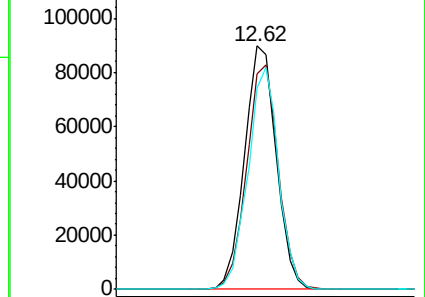
176 88.4 0.0 178.0



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# 1595

Delta R.T. -0.00 min

Lab File: VW013768.D

Acq: 28 Oct 2019 15:57

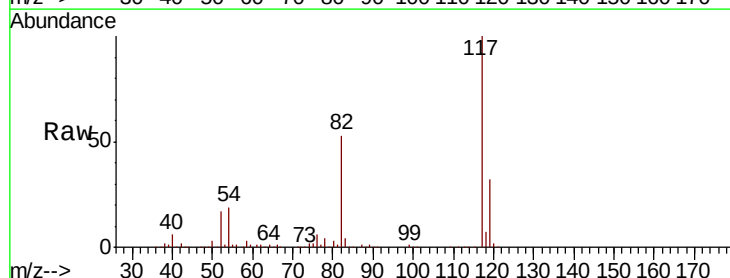
Tgt Ion: 117 Resp: 344097

Ion Ratio Lower Upper

117 100

82 53.4 43.6 65.4

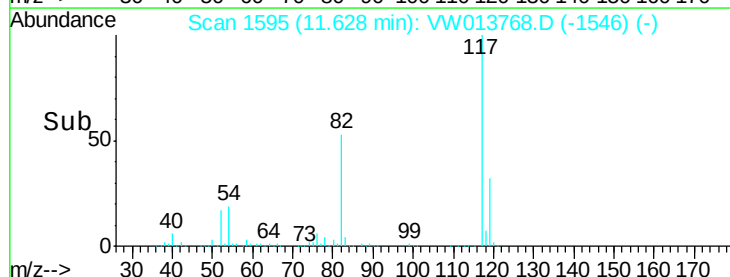
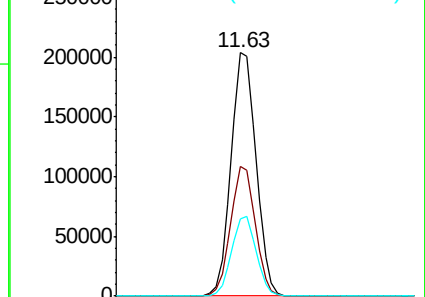
119 31.7 25.4 38.2

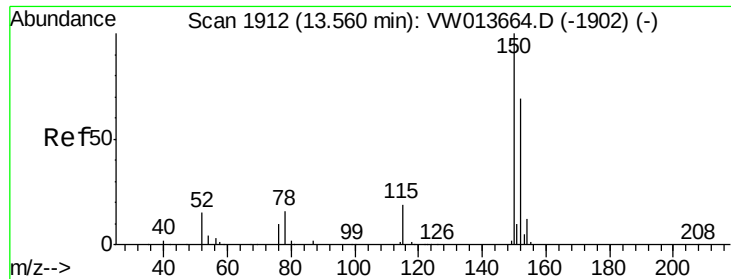


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013768.D

Acq: 28 Oct 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

163-52-(1)

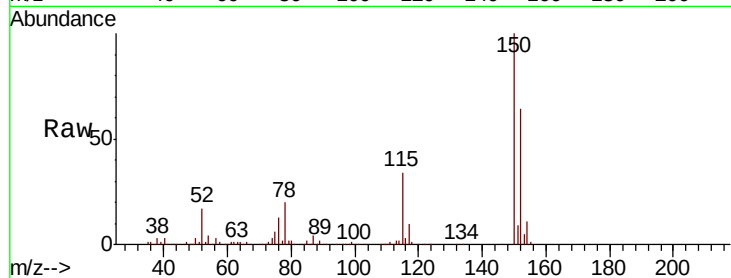
Tot Ion:152 Resp: 155665

Ion Ratio Lower Upper

152 100

115 54.3 27.4 82.2

150 156.3 0.0 345.4



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

