

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013335.D
 Acq On : 30 Sep 2019 16:09
 Operator : SY/VA
 Sample : K5083-04
 Misc : 5.18G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190705-RR-COMPOSITE-5

Quant Time: Sep 30 18:15:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

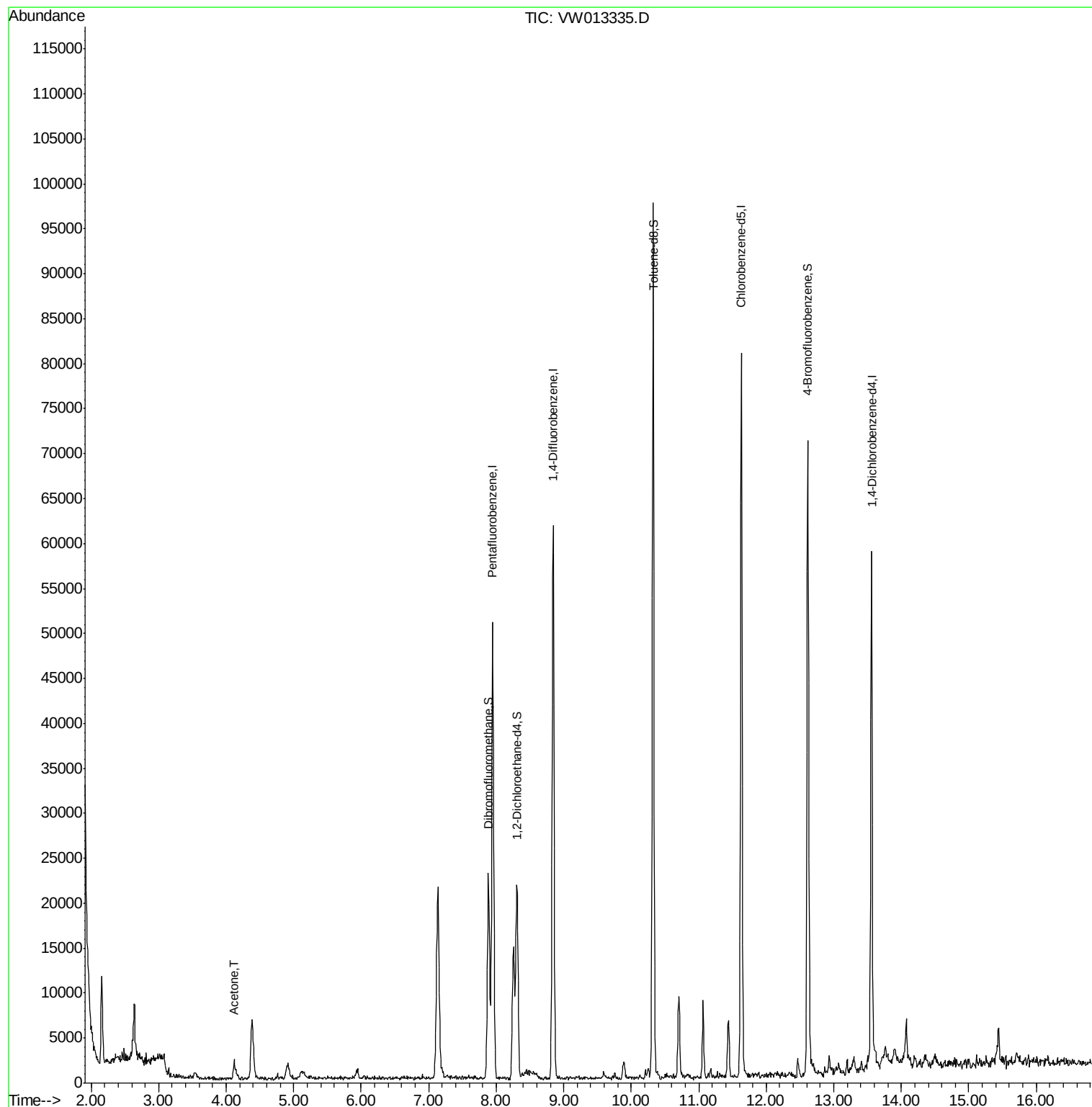
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	40508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	55740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	48699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	17120	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
35) Dibromofluoromethane	7.88	113	17347	56.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.16%	
50) Toluene-d8	10.32	98	65816	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.62	95	19760	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds						
16) Acetone	4.12	43	3254	43.646	ug/l #	Qvalue 71

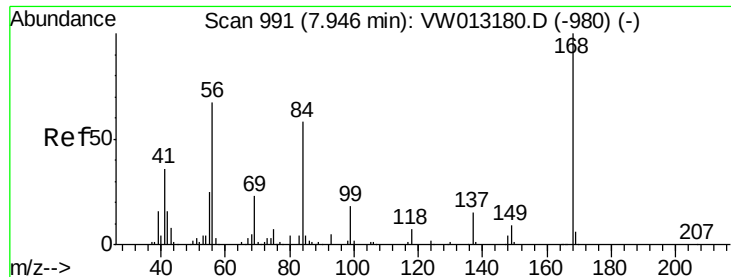
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 20 15:58:08 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: VW013335.D

Acq: 30 Sep 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

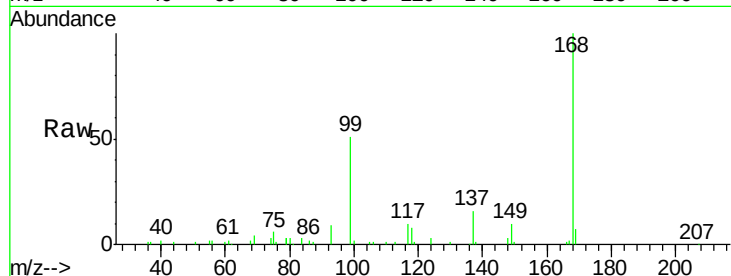
20190705-RR-COMPOSITE-5

Tot Ion:168 Resp: 40508

Ion Ratio Lower Upper

168 100

99 51.5 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

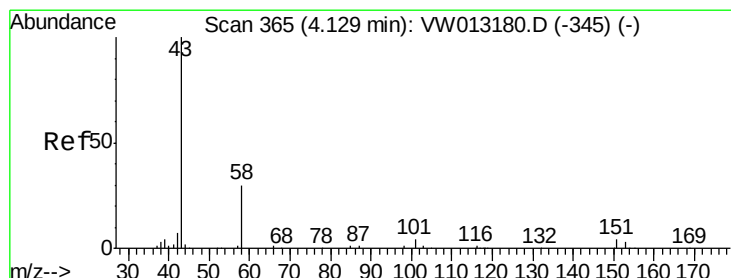
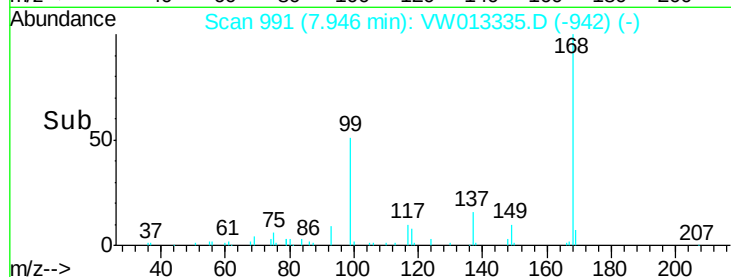
10000

5000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 43.646 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW013335.D

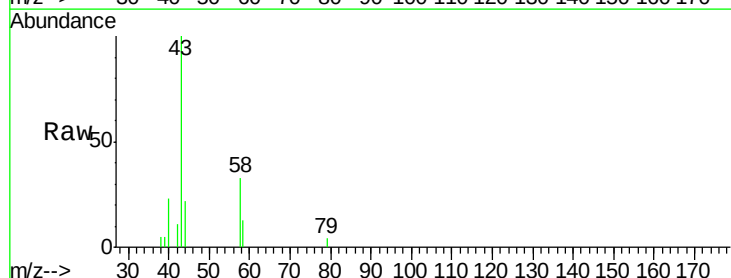
Acq: 30 Sep 2019 16:09

Tgt Ion: 43 Resp: 3254

Ion Ratio Lower Upper

43 100

58 45.8 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

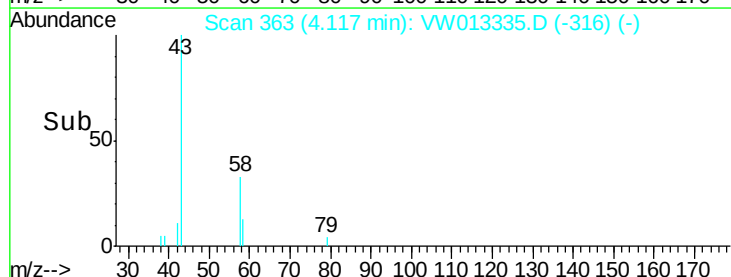
1000

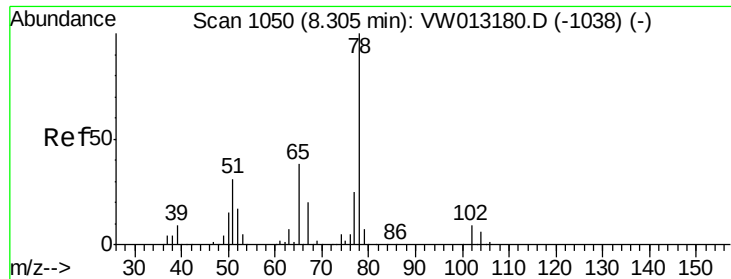
500

0

4.05 4.10 4.15 4.20

Time-->

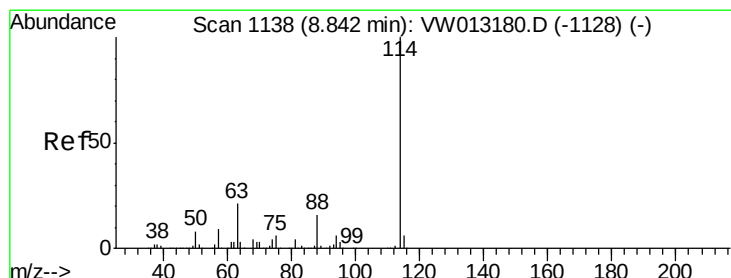
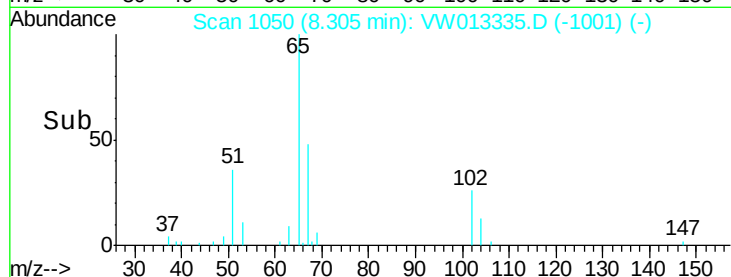
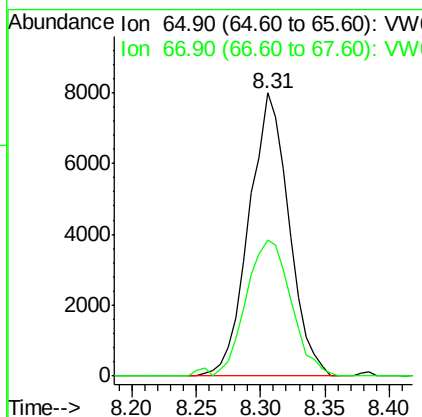
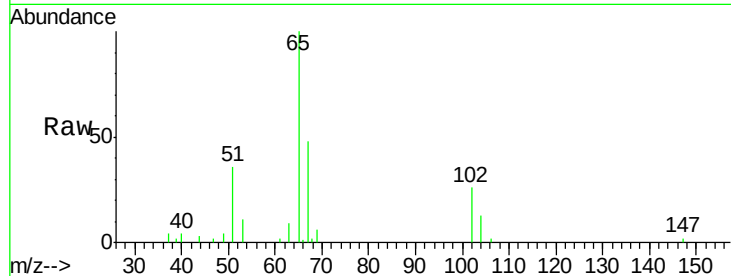




#33
 1,2-Dichloroethane-d4
 Concen: 51.784 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013335.D
 Acq: 30 Sep 2019 16:09

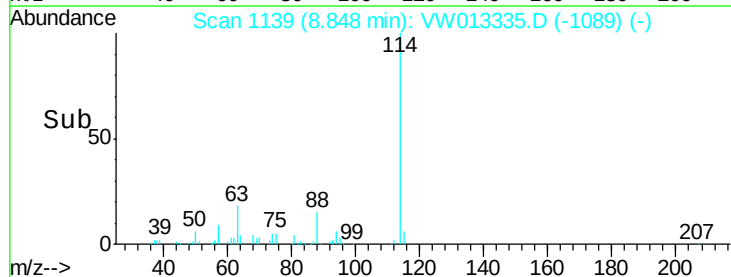
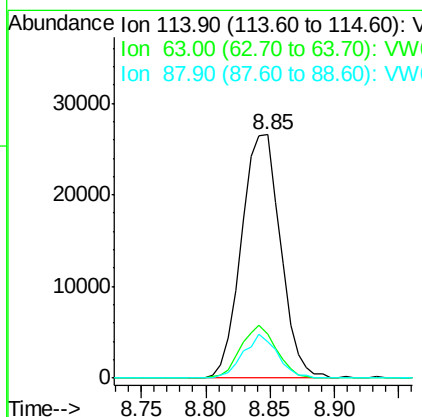
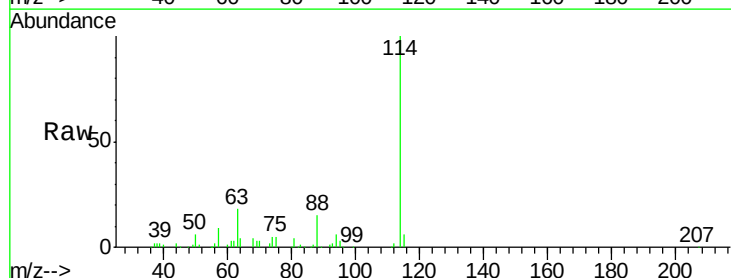
Instrument :
 MSVOA_W
 ClientSampleId :
 20190705-RR-COMPOSITE-5

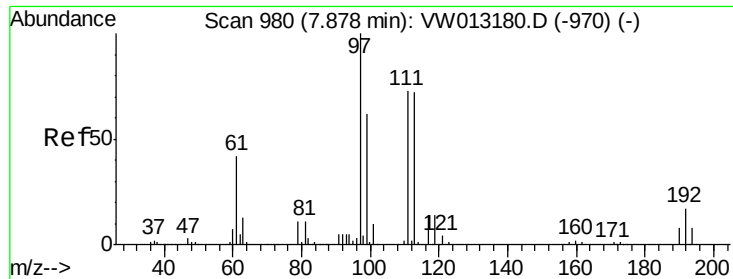
Tot Ion: 65 Resp: 17120
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW013335.D
 Acq: 30 Sep 2019 16:09

Tgt Ion: 114 Resp: 55740
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 41.4
 88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 56.584 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013335.D

Acq: 30 Sep 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

20190705-RR-COMPOSITE-5

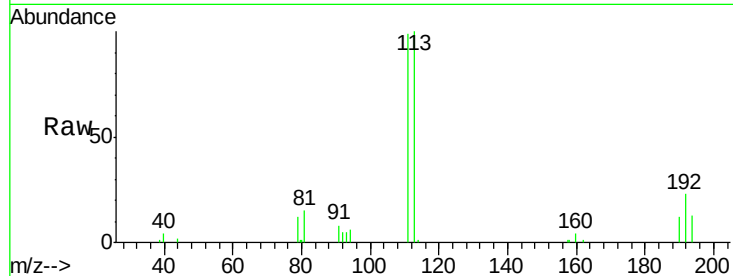
Tot Ion:113 Resp: 17347

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

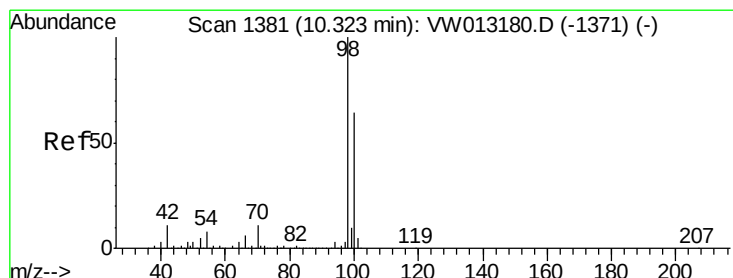
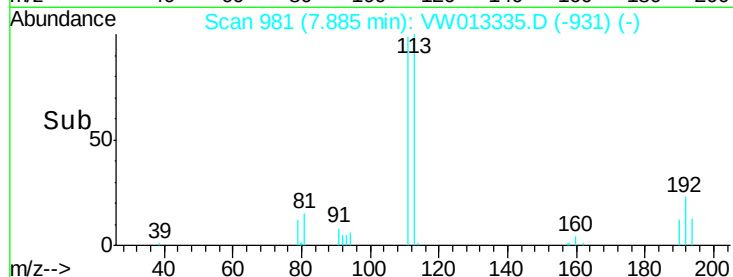
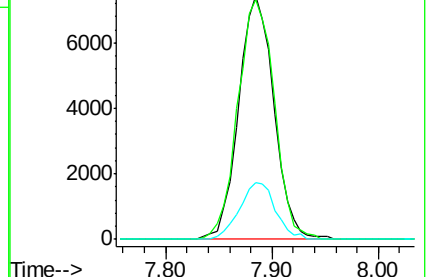
192 23.7 19.1 28.7



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: 51.297 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013335.D

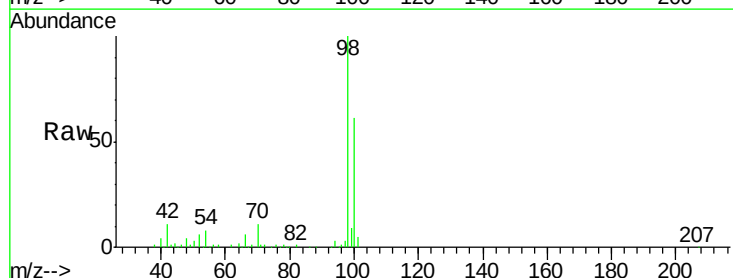
Acq: 30 Sep 2019 16:09

Tgt Ion: 98 Resp: 65816

Ion Ratio Lower Upper

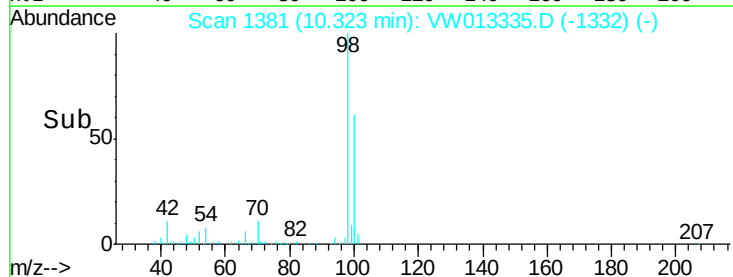
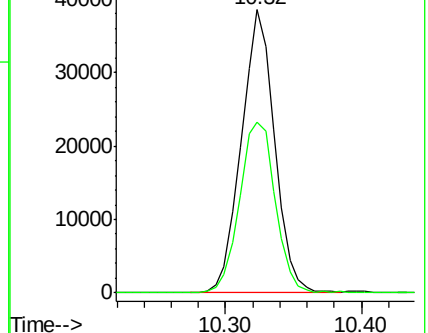
98 100

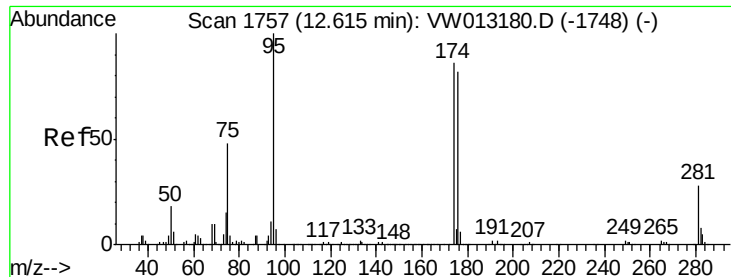
100 65.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.086 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013335.D

Acq: 30 Sep 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

20190705-RR-COMPOSITE-5

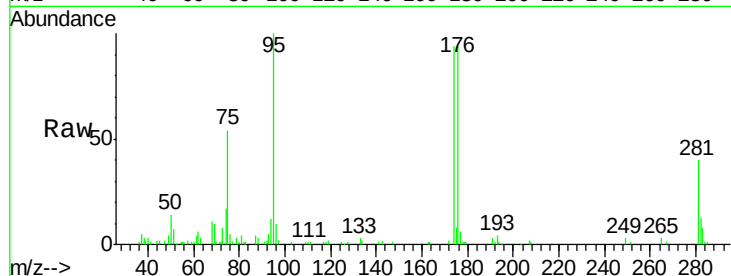
Tot Ion: 95 Resp: 19760

Ion Ratio Lower Upper

95 100

174 87.2 0.0 178.4

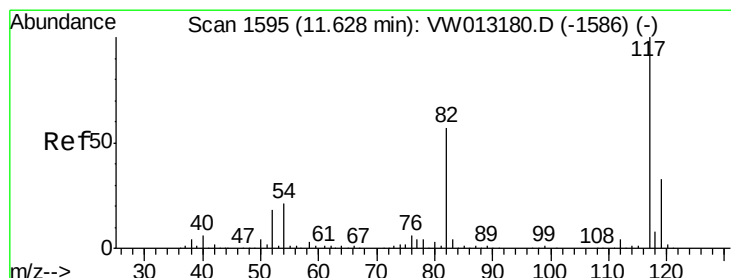
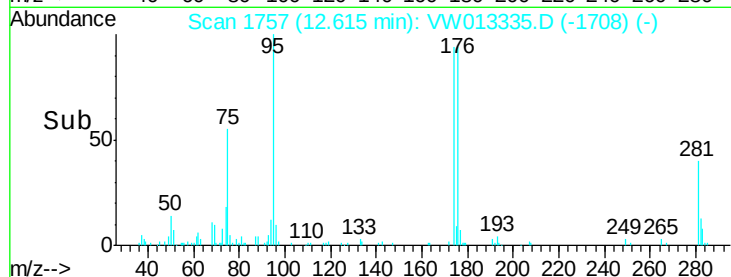
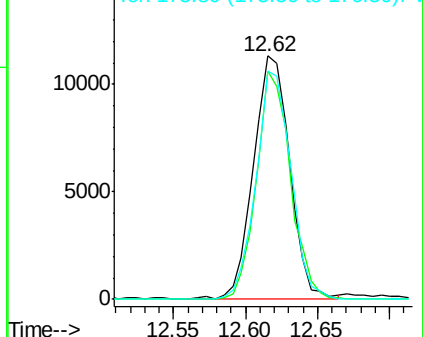
176 90.1 0.0 172.2



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: VW013335.D

Acq: 30 Sep 2019 16:09

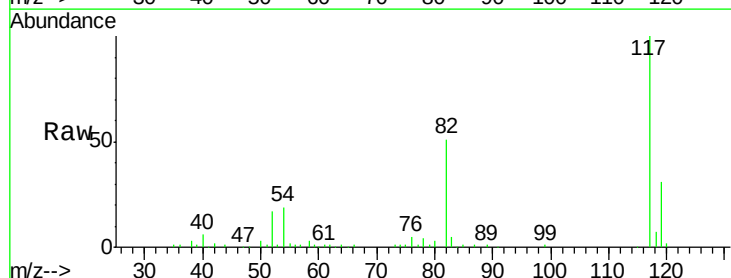
Tgt Ion: 117 Resp: 48699

Ion Ratio Lower Upper

117 100

82 51.5 45.9 68.9

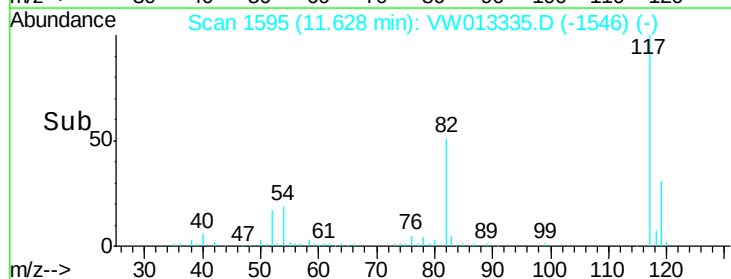
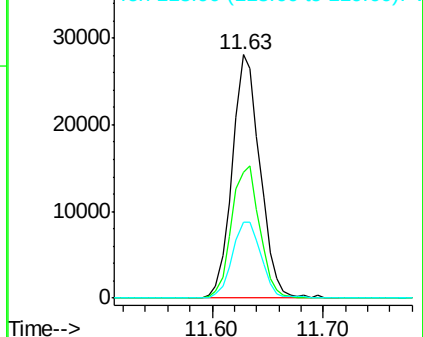
119 31.0 26.2 39.2

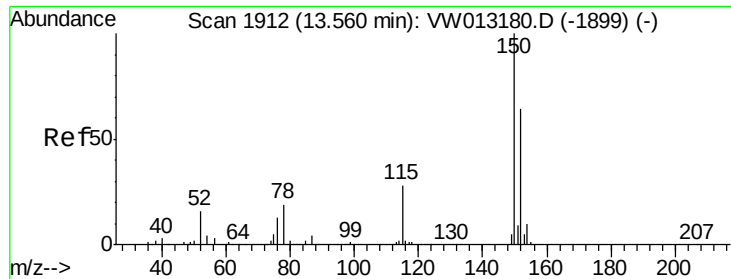


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW013335.D

Acq: 30 Sep 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

20190705-RR-COMPOSITE-5

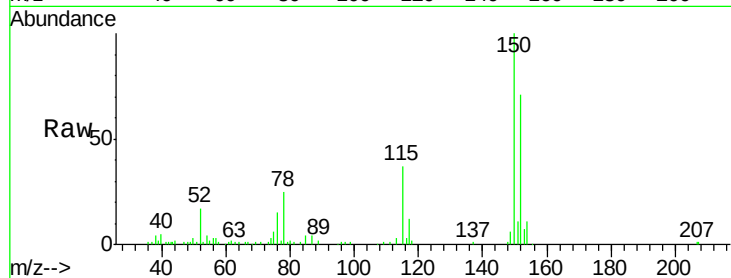
Tot Ion:152 Resp: 16176

Ion Ratio Lower Upper

152 100

115 58.7 27.3 81.9

150 158.8 0.0 349.0



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

