

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013336.D
 Acq On : 30 Sep 2019 16:35
 Operator : SY/VA
 Sample : K5083-05
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190704-RR-COMPOSITE-4

Quant Time: Sep 30 18:18:30 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

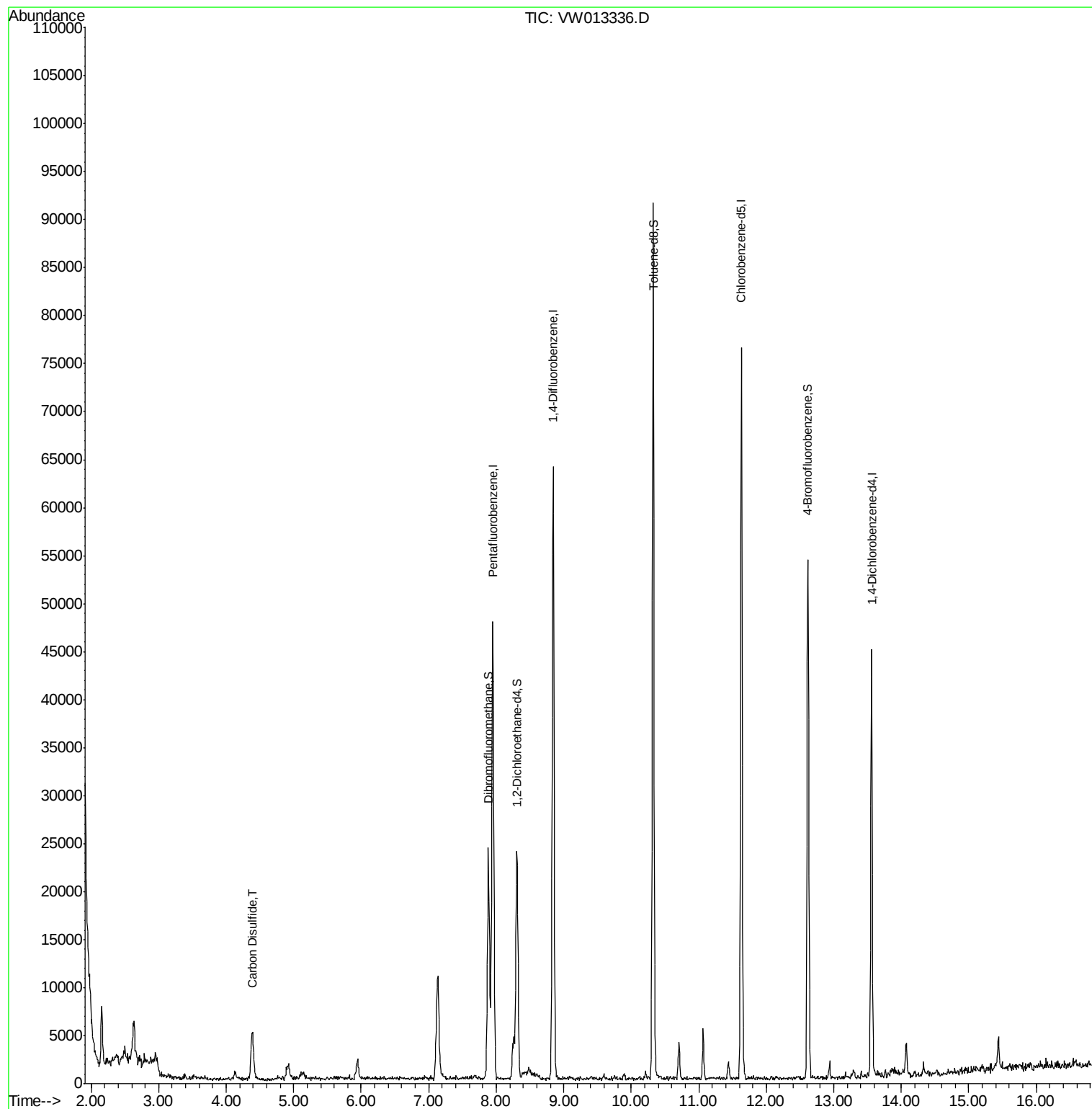
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	40072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	55492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	45949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	13044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	17941	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
35) Dibromofluoromethane	7.89	113	17409	57.04	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.08%	
50) Toluene-d8	10.32	98	63370	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.62	95	17416	39.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.84%	
Target Compounds						
17) Carbon Disulfide	4.39	76	7283	6.766	ug/l #	91

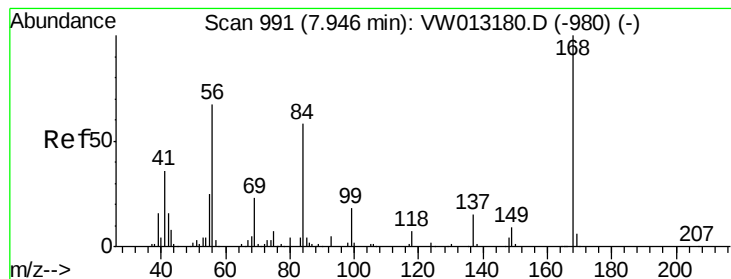
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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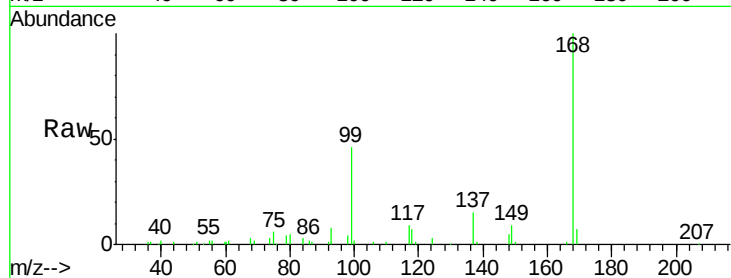
20190704-RR-COMPOSITE-4

Tot Ion:168 Resp: 40072

Ion Ratio Lower Upper

168 100

99 46.1 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

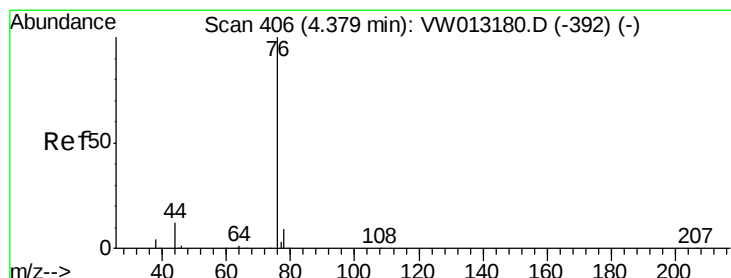
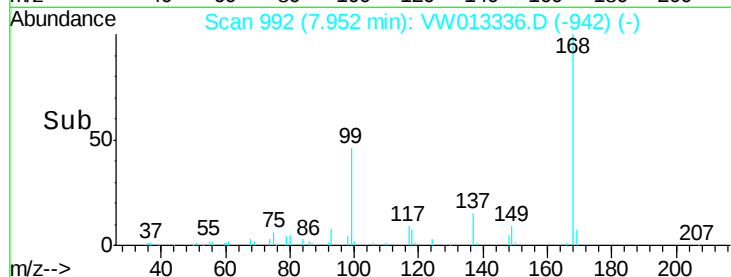
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#17

Carbon Disulfide

Concen: 6.766 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW013336.D

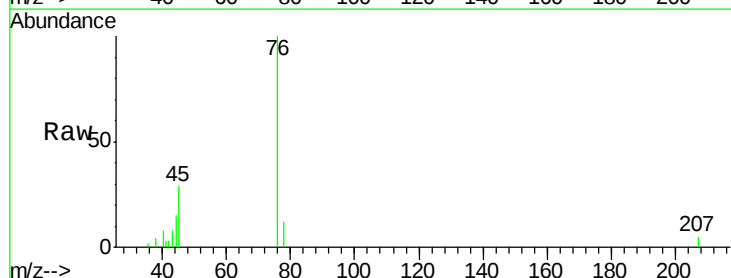
Acq: 30 Sep 2019 16:35

Tgt Ion: 76 Resp: 7283

Ion Ratio Lower Upper

76 100

78 11.9 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

3000

2500

2000

1500

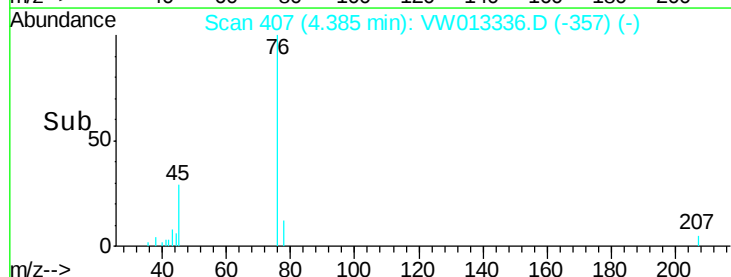
1000

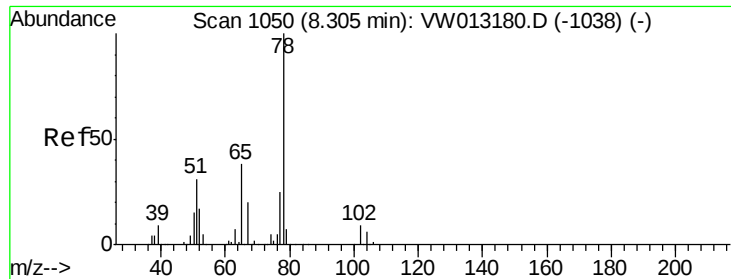
500

0

4.30 4.35 4.40 4.45

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.858 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW013336.D

Acq: 30 Sep 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

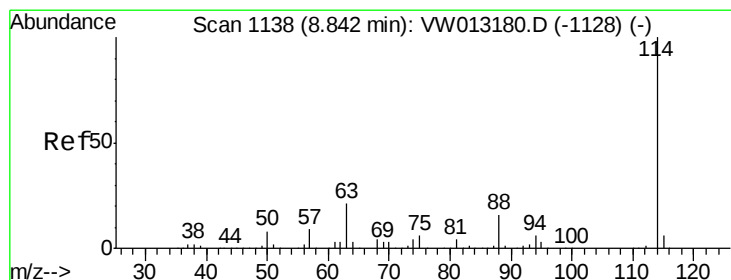
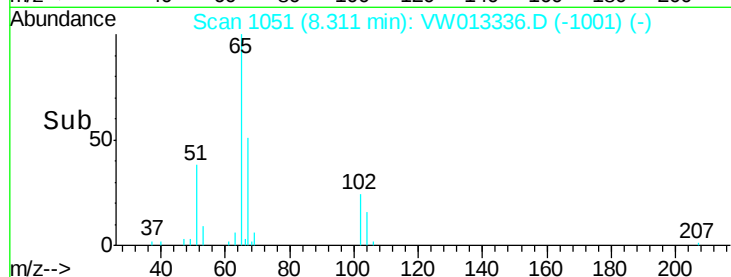
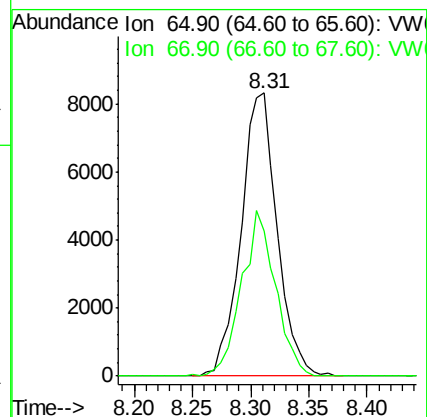
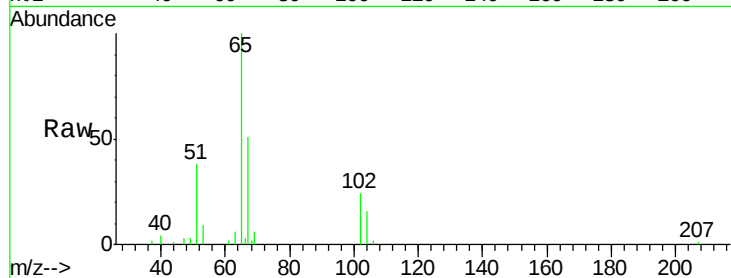
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Tot Ion: 65 Resp: 17941

Ion Ratio Lower Upper

65 100

67 55.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013336.D

Acq: 30 Sep 2019 16:35

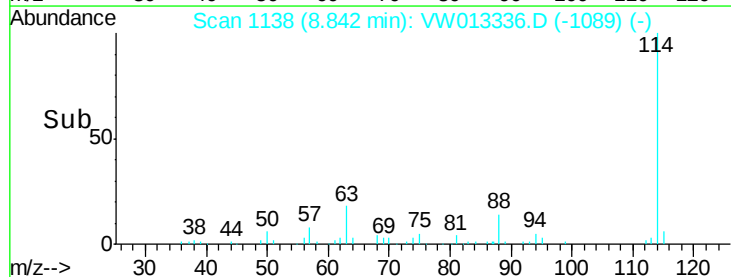
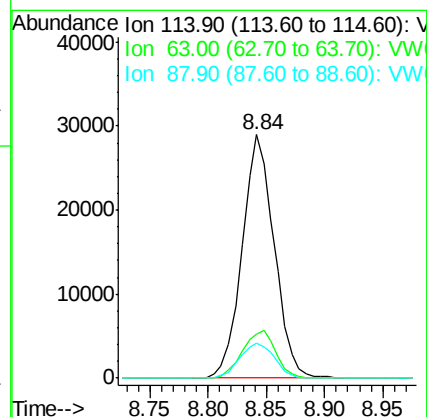
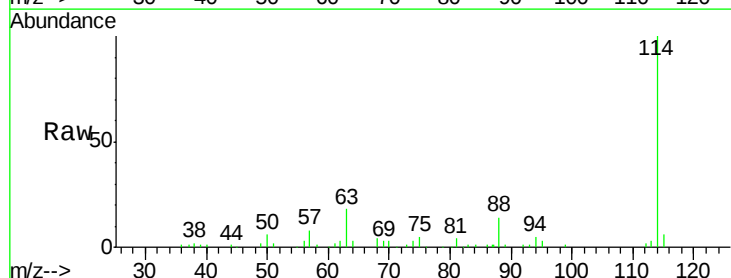
Tgt Ion: 114 Resp: 55492

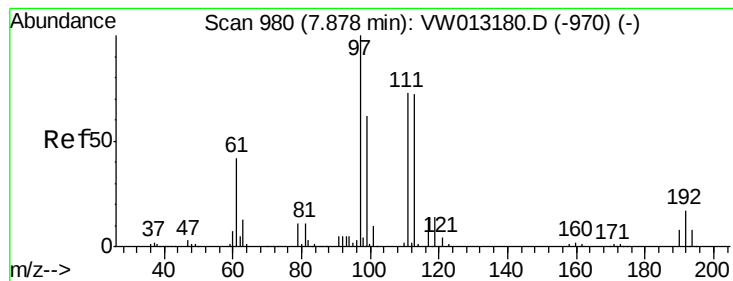
Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.4

88 14.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 57.040 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW013336.D

Acq: 30 Sep 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

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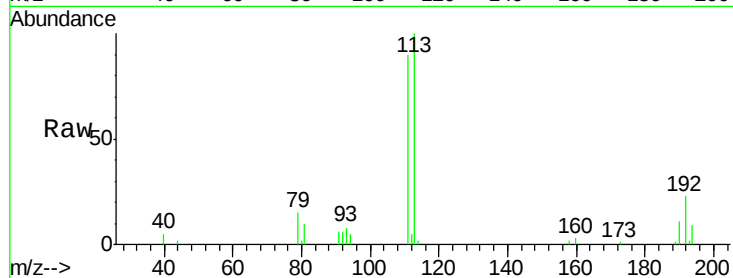
Tot Ion:113 Resp: 17409

Ion Ratio Lower Upper

113 100

111 99.2 81.9 122.9

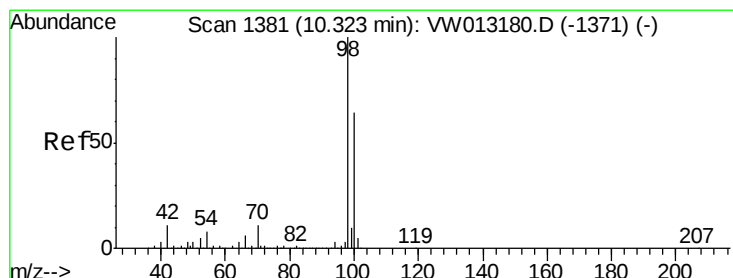
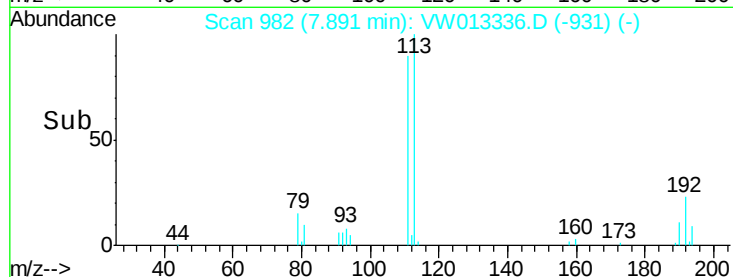
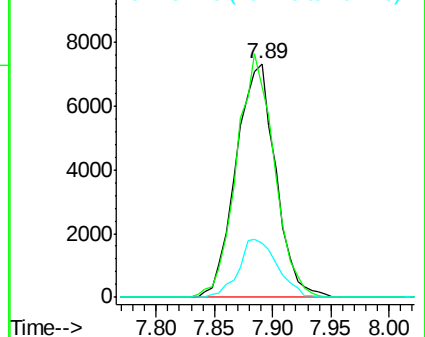
192 24.3 19.1 28.7



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: 49.611 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013336.D

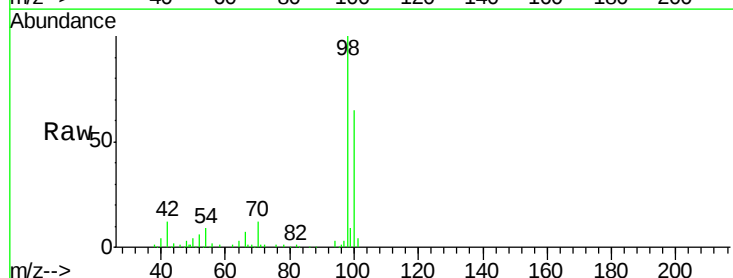
Acq: 30 Sep 2019 16:35

Tgt Ion: 98 Resp: 63370

Ion Ratio Lower Upper

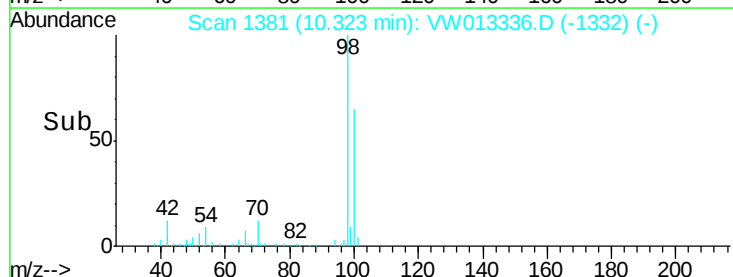
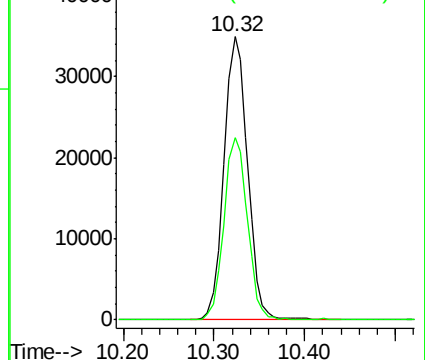
98 100

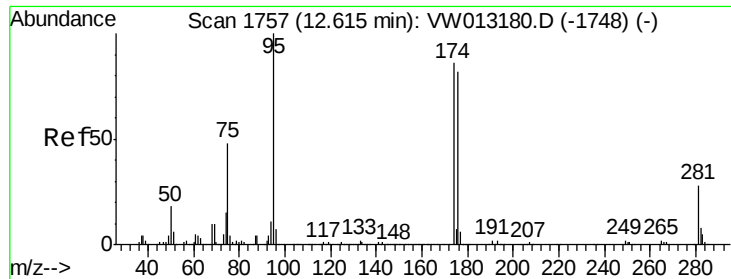
100 64.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

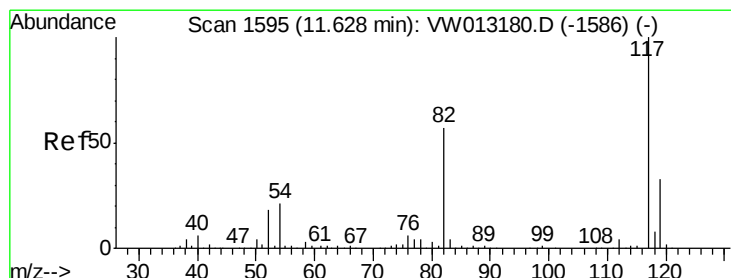
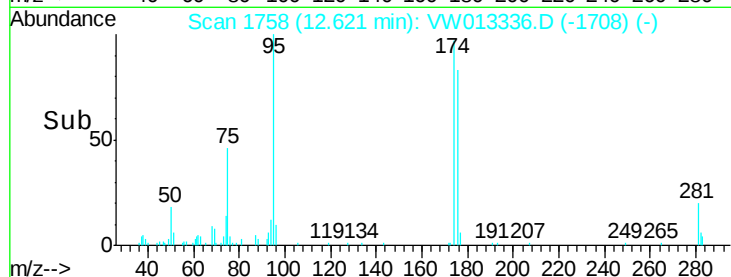
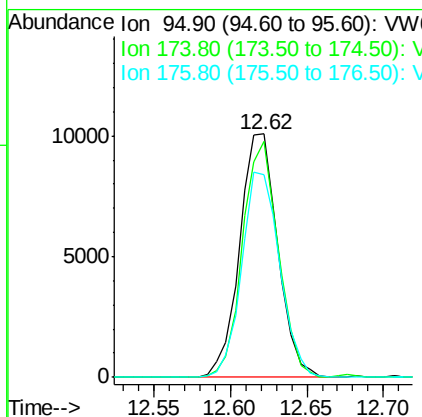
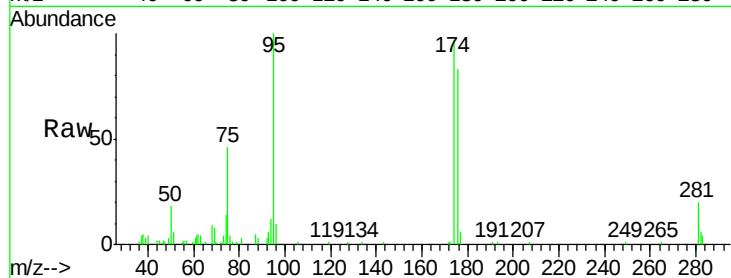




#62
4-Bromofluorobenzene
Concen: 39.915 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW013336.D
Acq: 30 Sep 2019 16:35

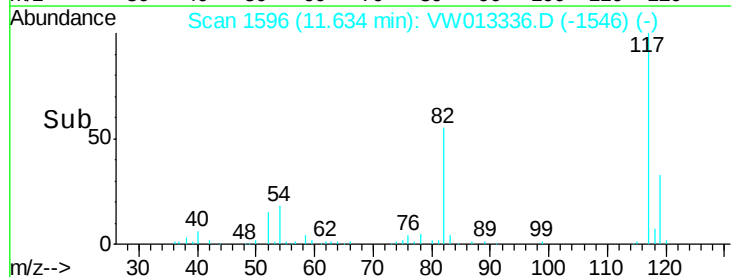
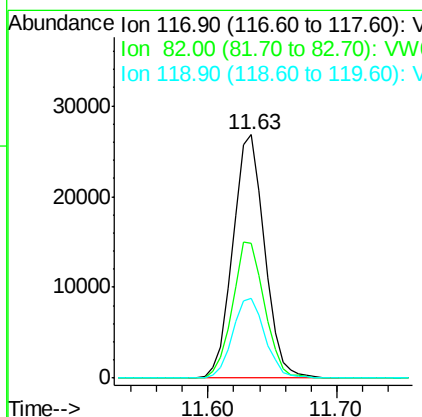
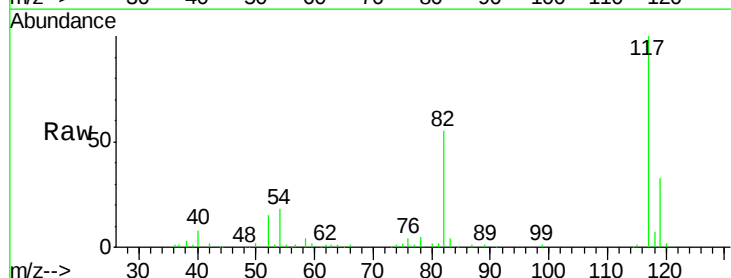
Instrument :
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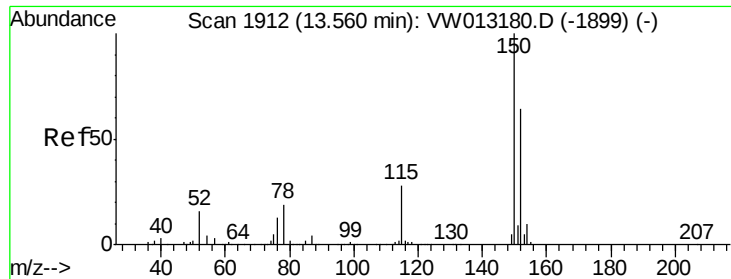
Tot Ion: 95 Resp: 17416
Ion Ratio Lower Upper
95 100
174 91.0 0.0 178.4
176 84.2 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013336.D
Acq: 30 Sep 2019 16:35

Tgt Ion: 117 Resp: 45949
Ion Ratio Lower Upper
117 100
82 55.2 45.9 68.9
119 32.8 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013336.D

Acq: 30 Sep 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

20190704-RR-COMPOSITE-4

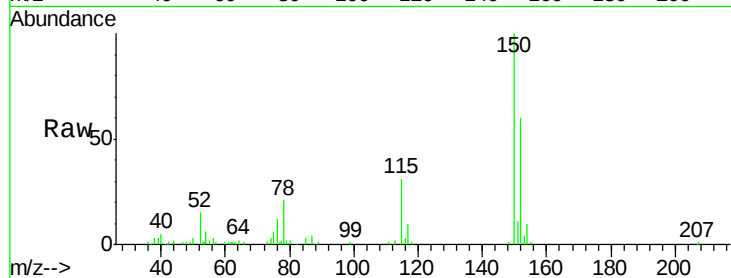
Tot Ion:152 Resp: 13044

Ion Ratio Lower Upper

152 100

115 55.5 27.3 81.9

150 157.5 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

