

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013338.D
 Acq On : 30 Sep 2019 17:27
 Operator : SY/VA
 Sample : K5083-07
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190702-RR-COMPOSITE-2

Quant Time: Sep 30 18:20:54 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

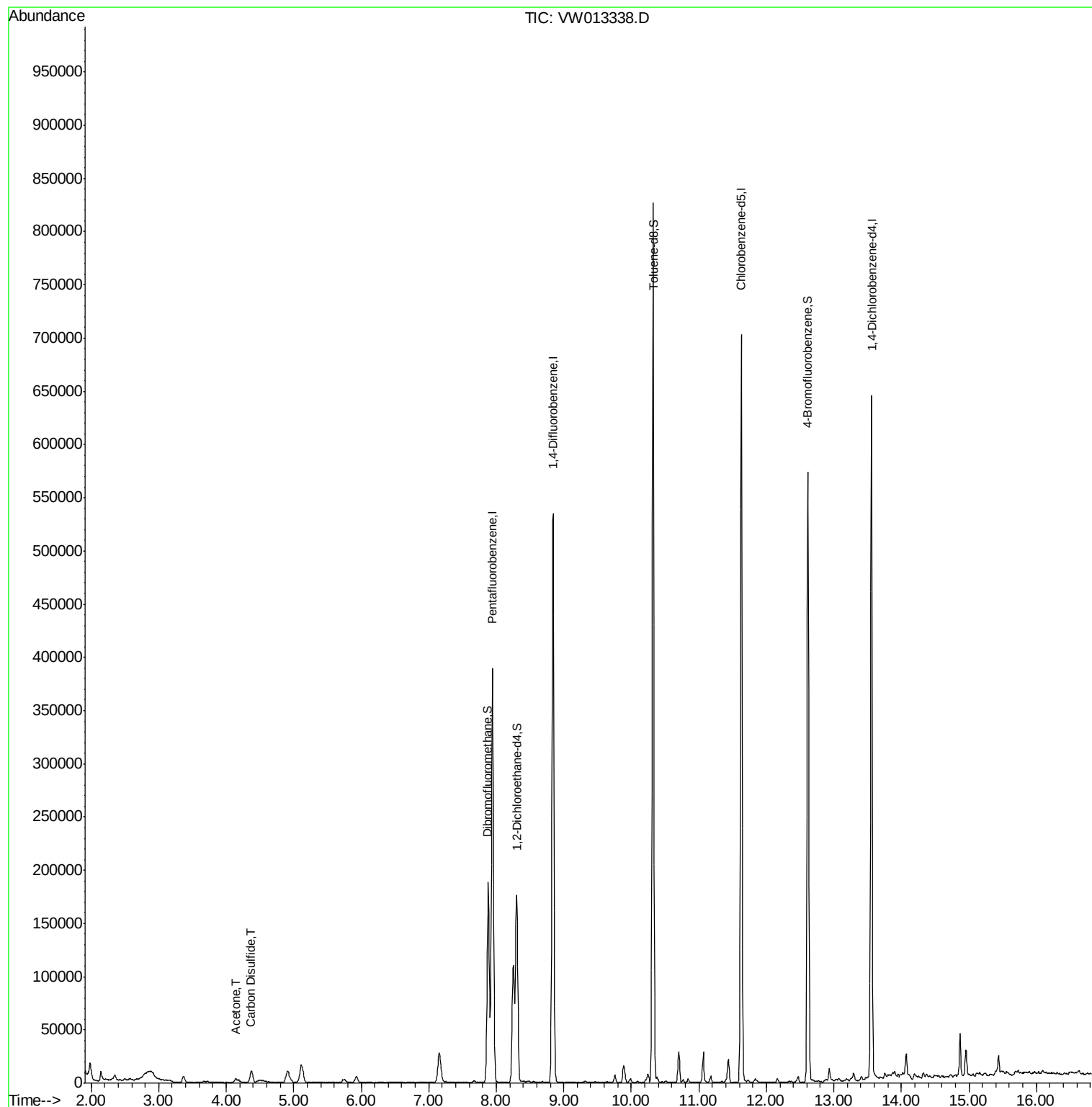
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	320826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	480137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	142412	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	7.88	113	137330	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
50) Toluene-d8	10.32	98	560552	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	179937	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
Target Compounds						
16) Acetone	4.14	43	7517	12.730	ug/l	98
17) Carbon Disulfide	4.37	76	25597	2.970	ug/l	99

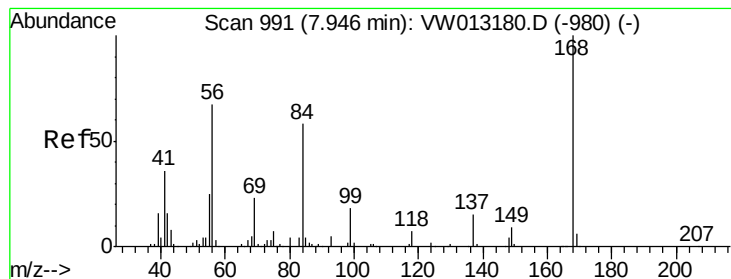
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 20 15:58:08 2019
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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: VW013338.D

Acq: 30 Sep 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

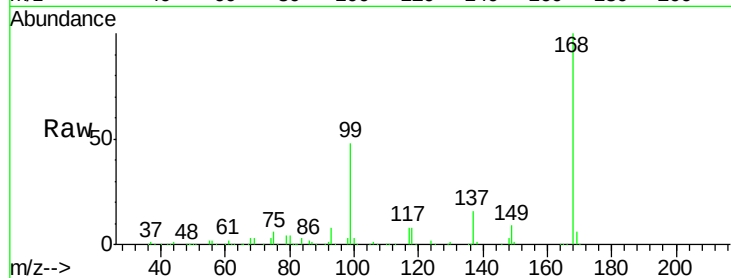
20190702-RR-COMPOSITE-2

Tot Ion:168 Resp: 320826

Ion Ratio Lower Upper

168 100

99 48.2 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

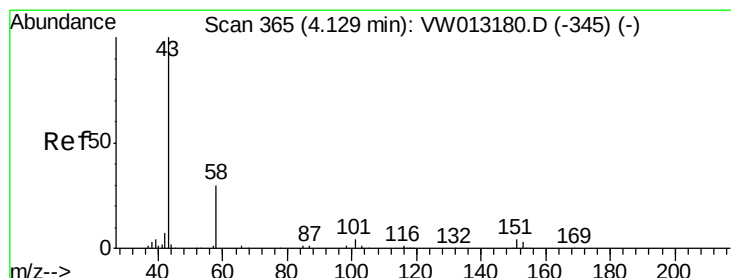
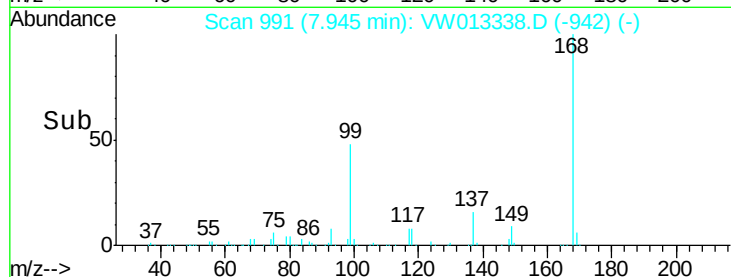
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.730 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013338.D

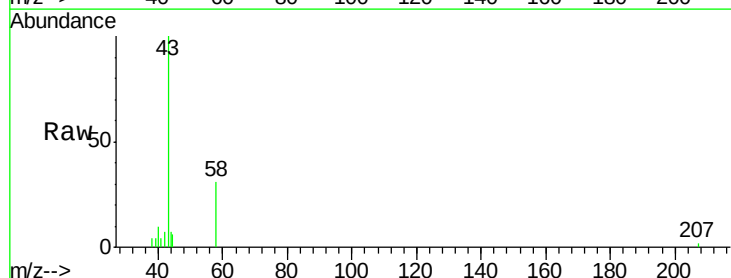
Acq: 30 Sep 2019 17:27

Tgt Ion: 43 Resp: 7517

Ion Ratio Lower Upper

43 100

58 31.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

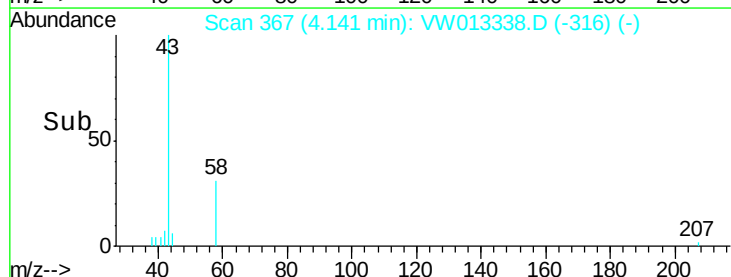
1500

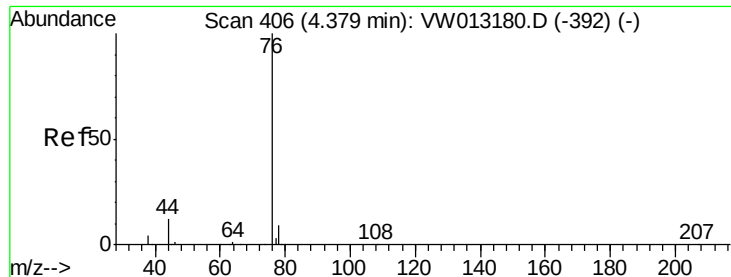
1000

500

0

Time-->

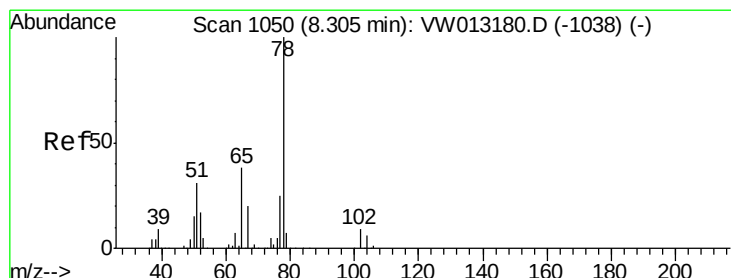
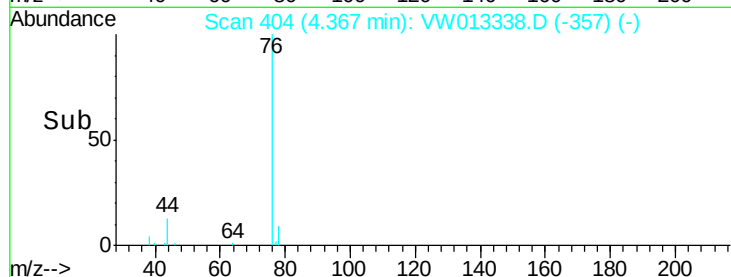
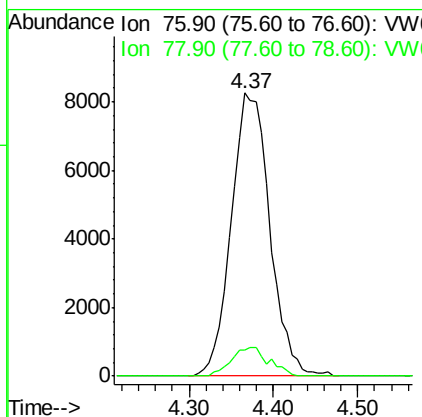
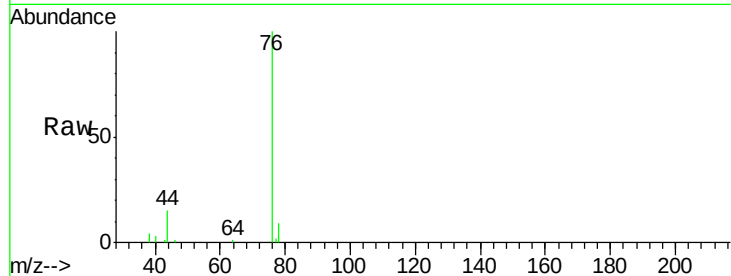




#17
 Carbon Disulfide
 Concen: 2.970 ug/l
 RT: 4.37 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: VW013338.D
 Acq: 30 Sep 2019 17:27

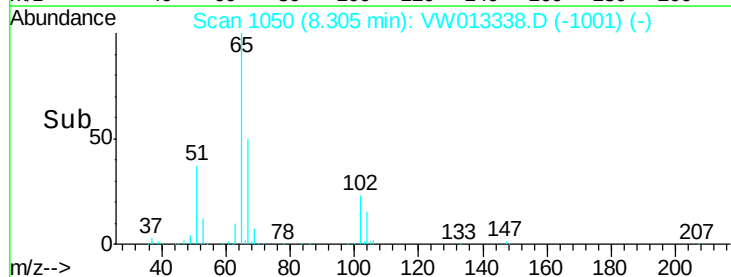
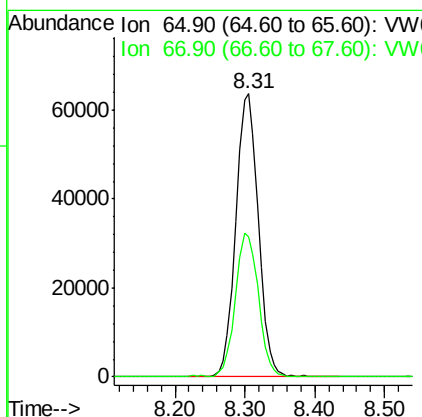
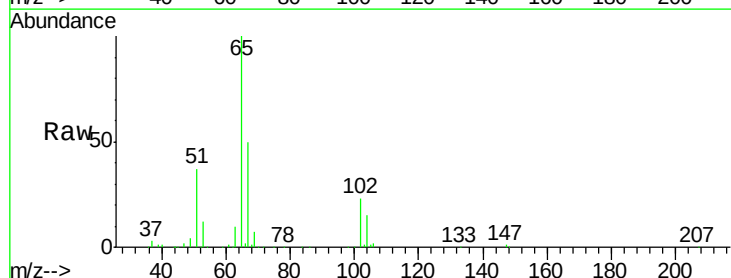
Instrument :
 MSVOA_W
 ClientSampleId :
 20190702-RR-COMPOSITE-2

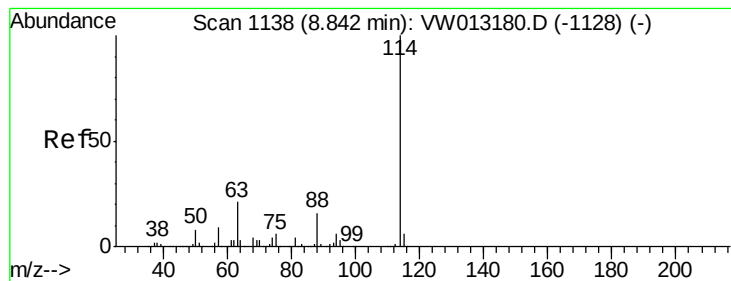
Tot Ion: 76 Resp: 25597
 Ion Ratio Lower Upper
 76 100
 78 9.2 7.0 10.4



#33
 1,2-Dichloroethane-d4
 Concen: 54.389 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013338.D
 Acq: 30 Sep 2019 17:27

Tgt Ion: 65 Resp: 142412
 Ion Ratio Lower Upper
 65 100
 67 52.2 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: VW013338.D

Acq: 30 Sep 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

20190702-RR-COMPOSITE-2

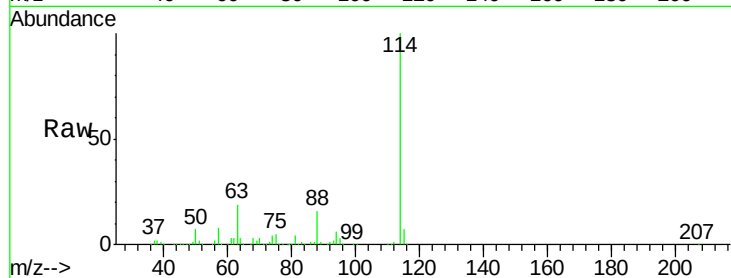
Tot Ion:114 Resp: 480137

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

88 15.8 0.0 32.0



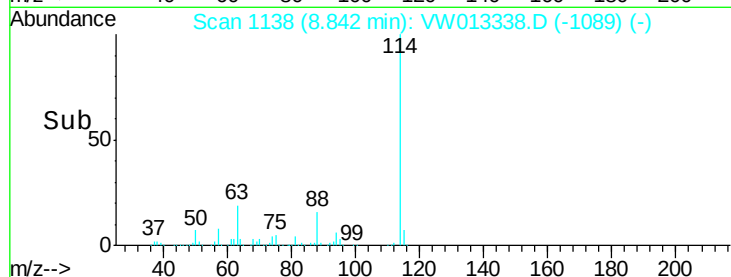
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

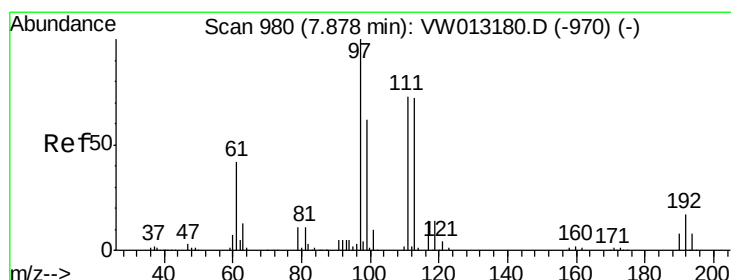
Time-->



Abundance

8.84

Time-->



#35

Dibromofluoromethane

Concen: 52.004 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013338.D

Acq: 30 Sep 2019 17:27

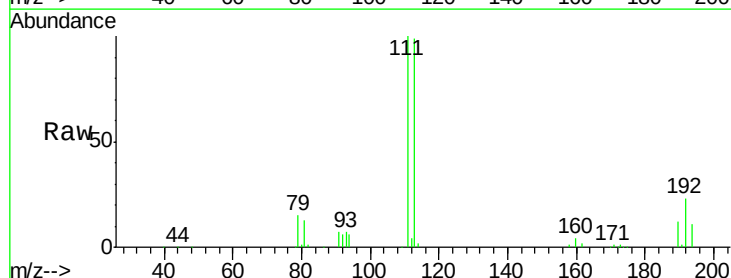
Tgt Ion:113 Resp: 137330

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 24.7 19.1 28.7



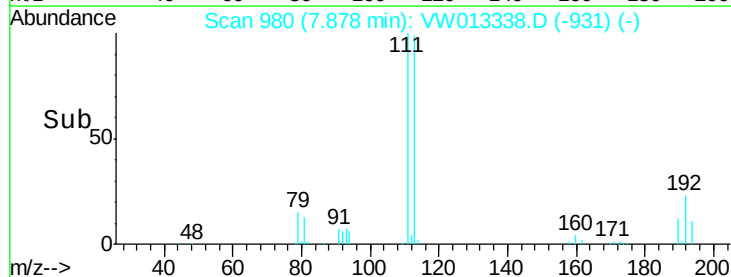
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.88

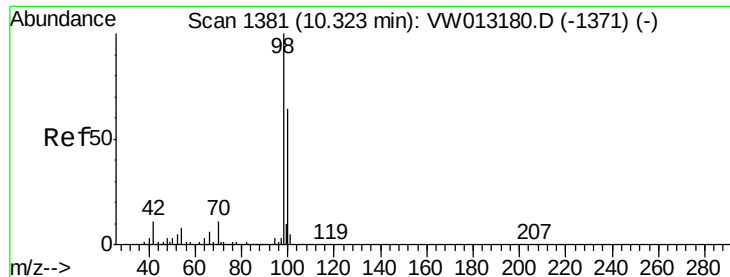
Time-->



Abundance

7.88

Time-->



#50

Toluene-d8

Concen: 50.720 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013338.D

Acq: 30 Sep 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

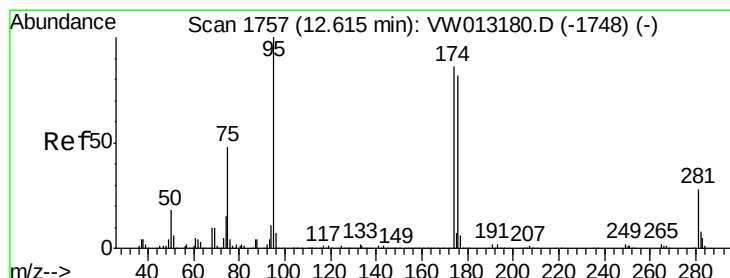
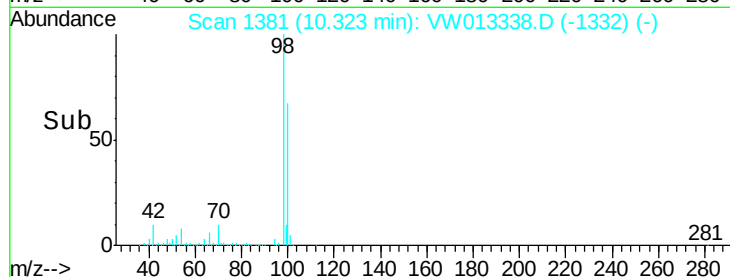
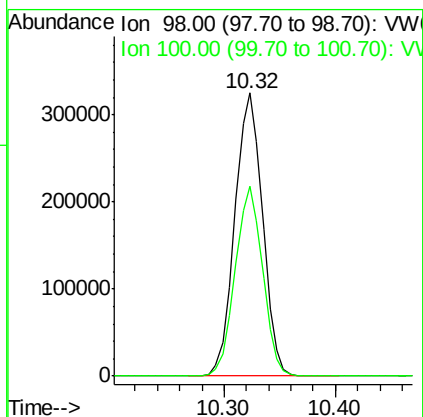
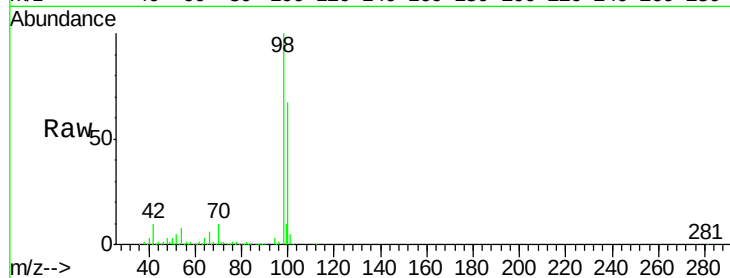
20190702-RR-COMPOSITE-2

Tot Ion: 98 Resp: 560552

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.663 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013338.D

Acq: 30 Sep 2019 17:27

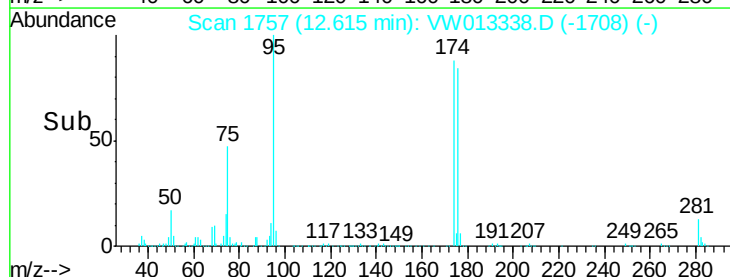
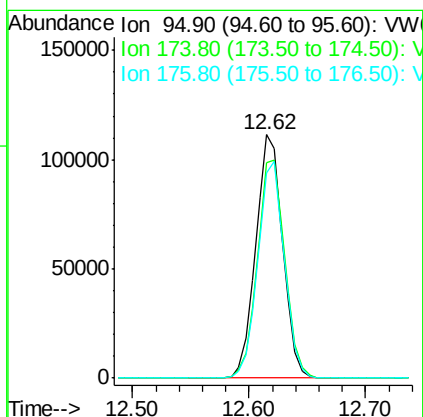
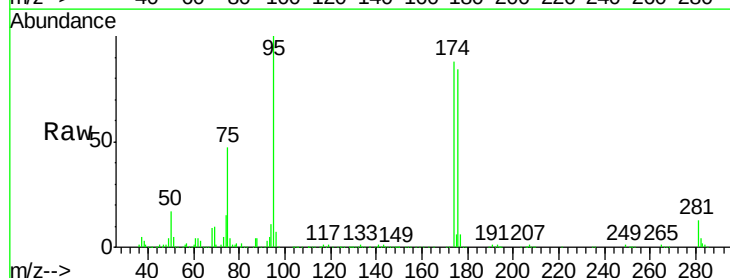
Tgt Ion: 95 Resp: 179937

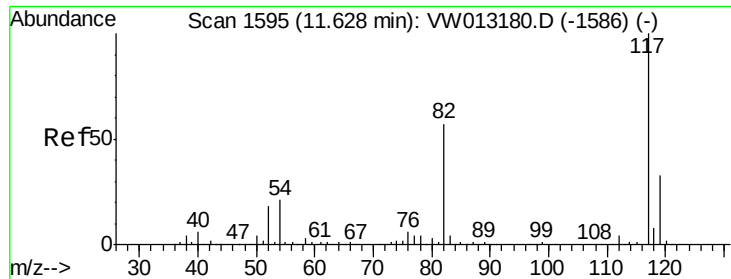
Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.4

176 87.6 0.0 172.2

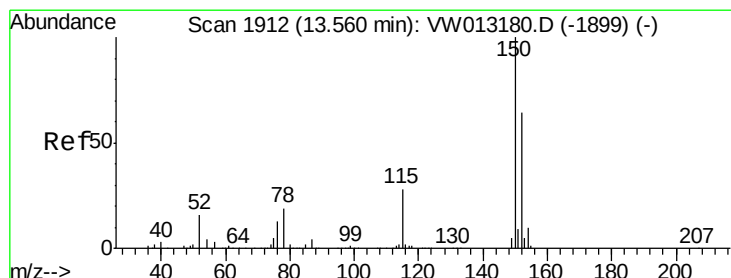
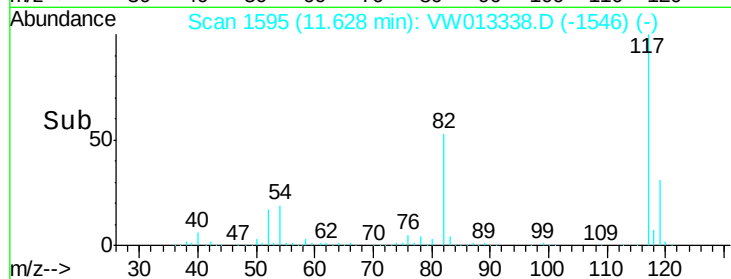
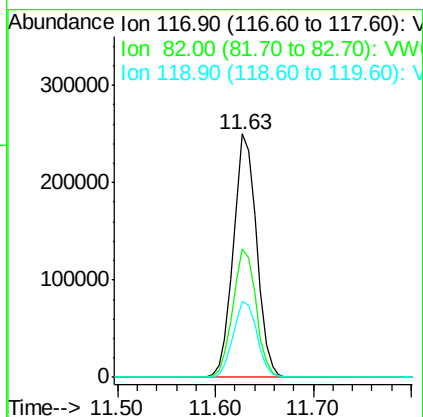
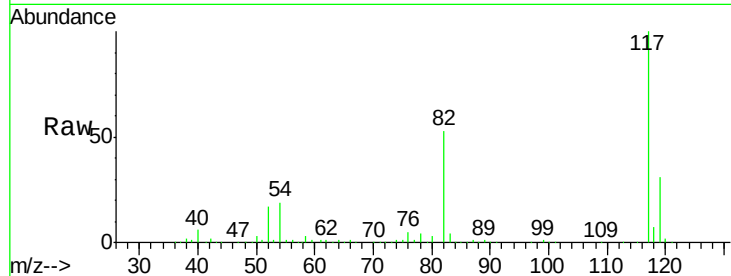




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013338.D
Acq: 30 Sep 2019 17:27

Instrument :
MSVOA_W
ClientSampleId :
20190702-RR-COMPOSITE-2

Tot Ion:117 Resp: 413391
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 31.3 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: VW013338.D
Acq: 30 Sep 2019 17:27

Tgt Ion:152 Resp: 184787
Ion Ratio Lower Upper
152 100
115 55.9 27.3 81.9
150 159.7 0.0 349.0

