

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013380.D
 Acq On : 02 Oct 2019 16:04
 Operator : SY/VA
 Sample : K5083-05
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 02 16:27:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

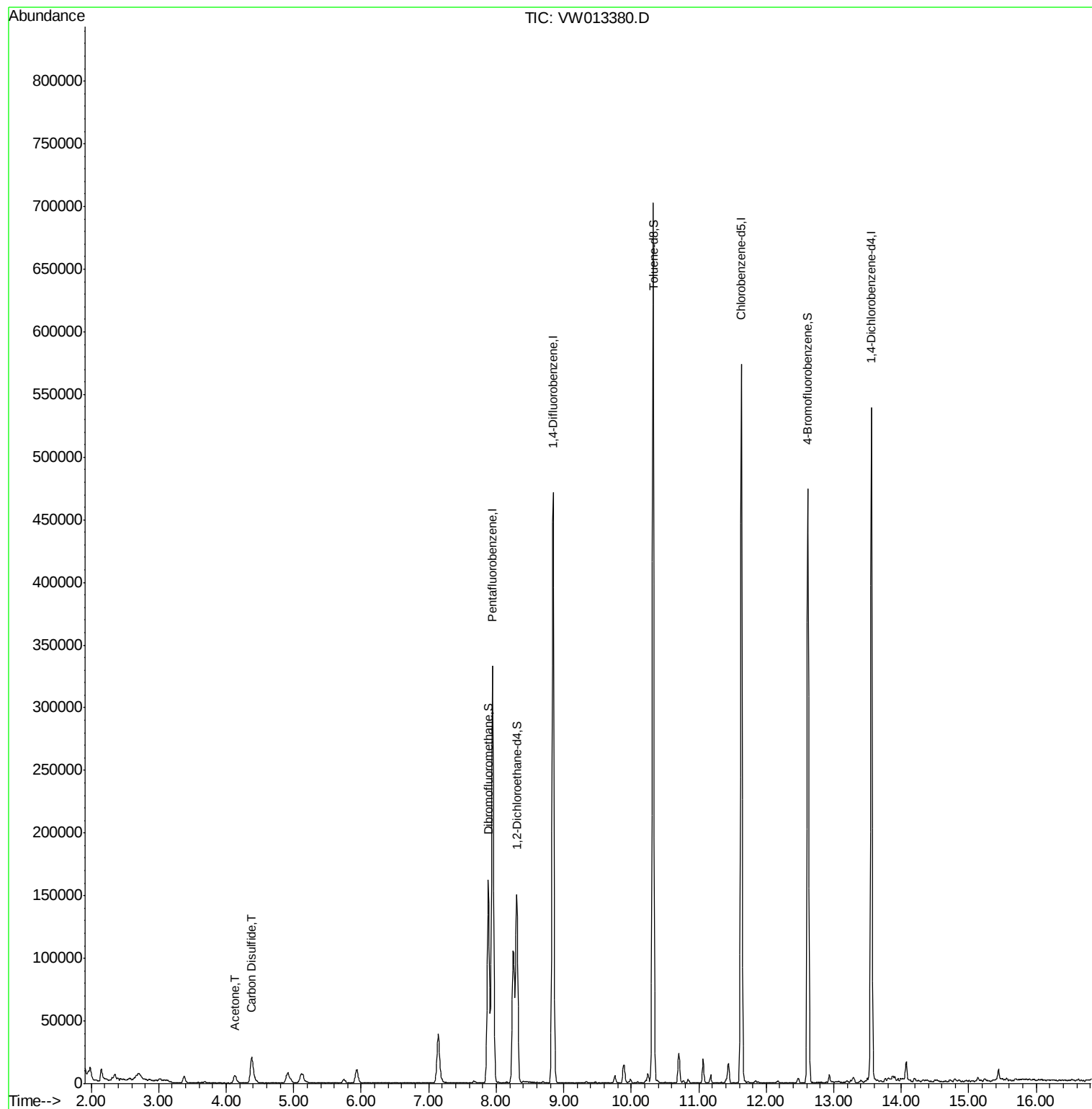
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118627	56.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.64%	
35) Dibromofluoromethane	7.88	113	120096	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
50) Toluene-d8	10.32	98	476830	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.62	95	152014	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
Target Compounds						
16) Acetone	4.13	43	12307	19.231	ug/l	95
17) Carbon Disulfide	4.38	76	46792	6.516	ug/l	97

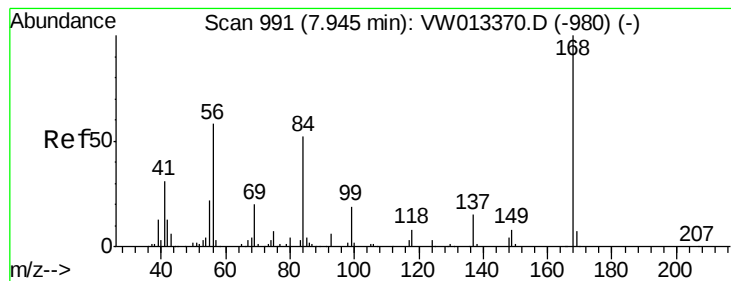
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

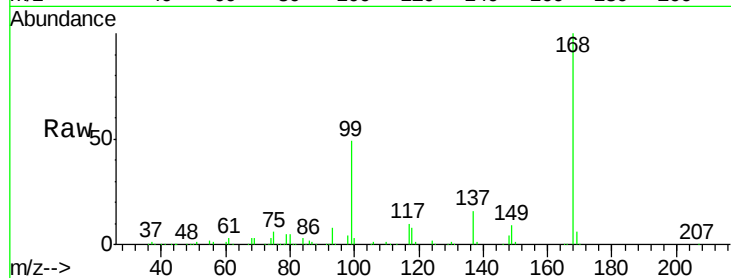
20190704-RR-COMPOSITE-4

Tot Ion:168 Resp: 279619

Ion Ratio Lower Upper

168 100

99 48.7 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

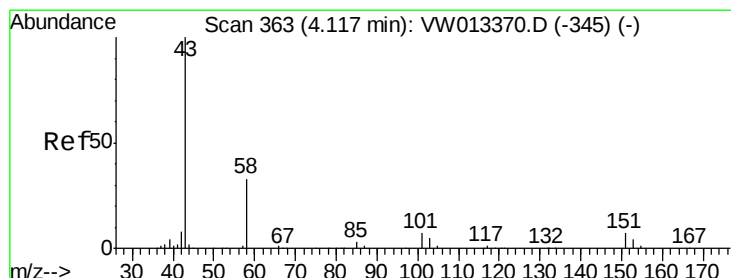
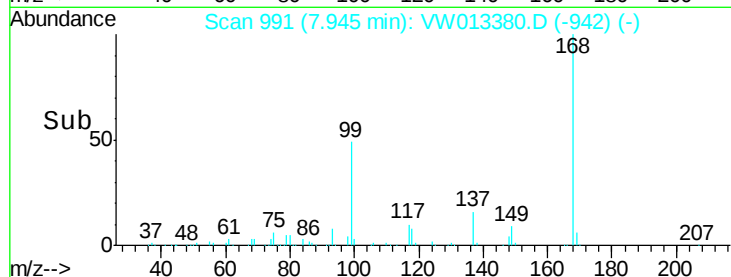
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 19.231 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013380.D

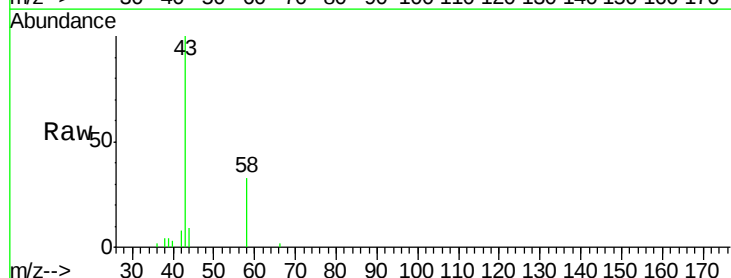
Acq: 02 Oct 2019 16:04

Tgt Ion: 43 Resp: 12307

Ion Ratio Lower Upper

43 100

58 32.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

5000

4000

3000

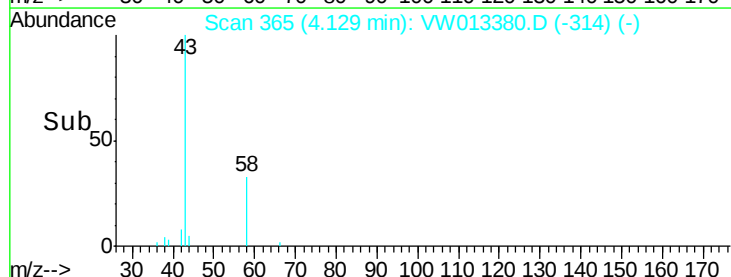
2000

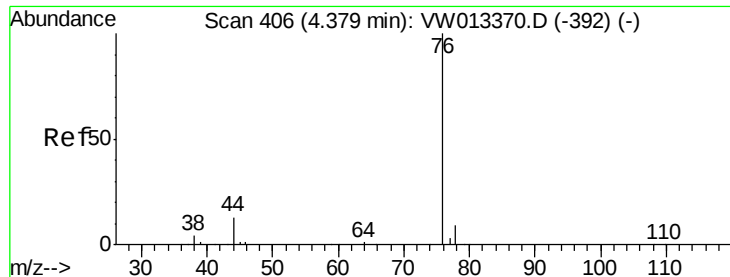
1000

0

4.05 4.10 4.15 4.20

Time-->

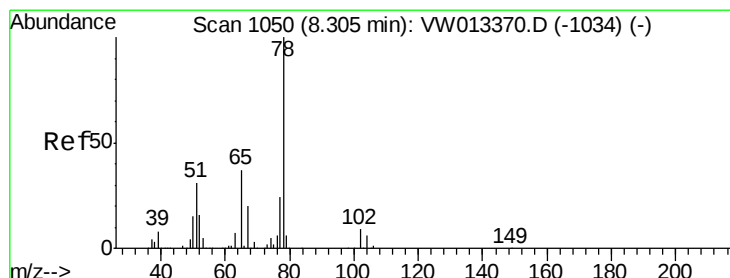
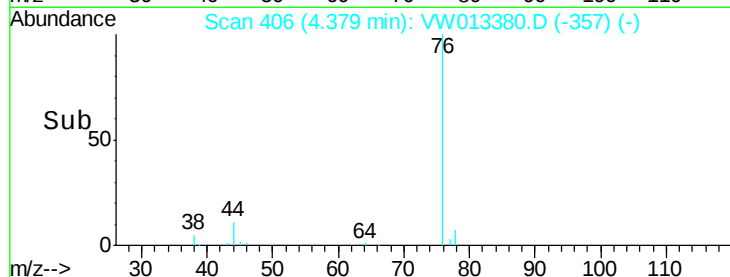
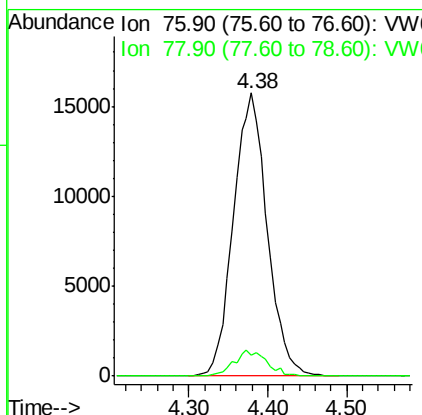
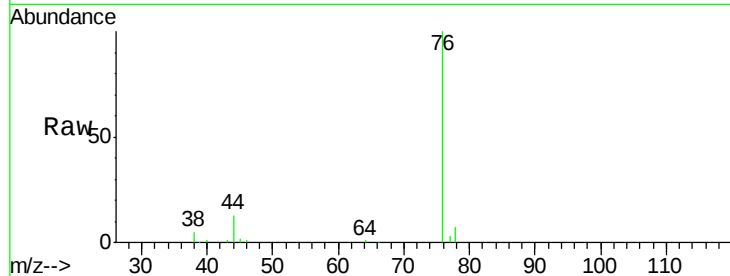




#17
Carbon Disulfide
Concen: 6.516 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013380.D
Acq: 02 Oct 2019 16:04

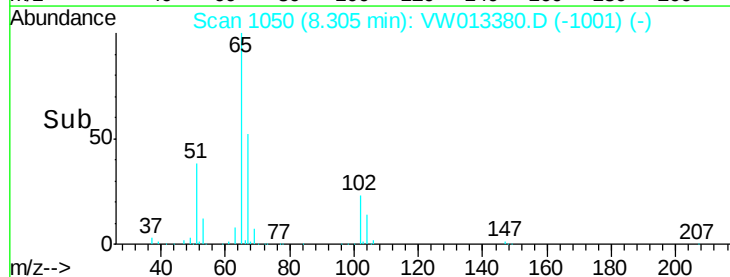
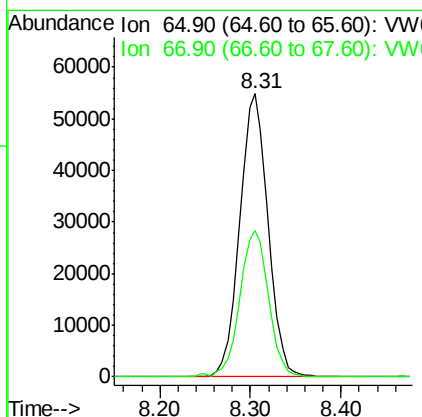
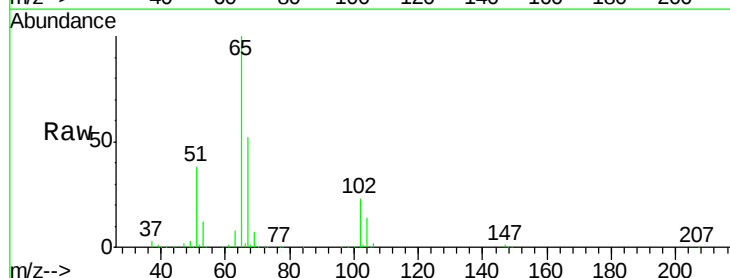
Instrument :
MSVOA_W
ClientSampleId :
20190704-RR-COMPOSITE-4

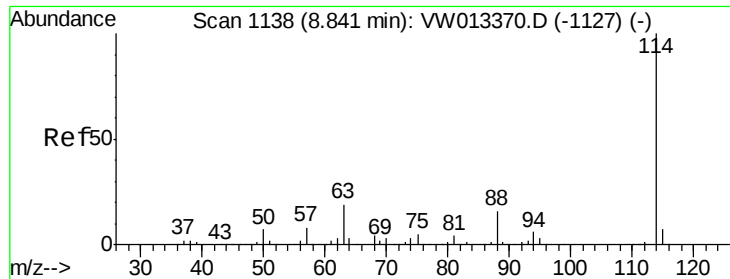
Tot Ion: 76 Resp: 46792
Ion Ratio Lower Upper
76 100
78 7.5 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 56.818 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW013380.D
Acq: 02 Oct 2019 16:04

Tgt Ion: 65 Resp: 118627
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2

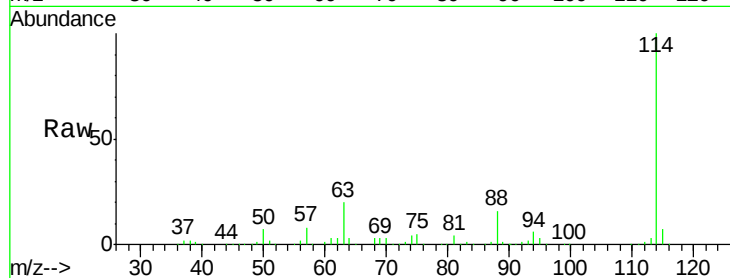




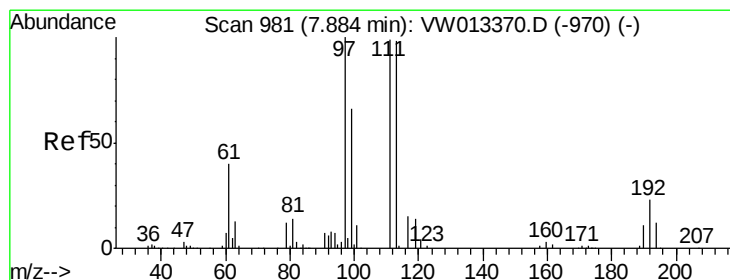
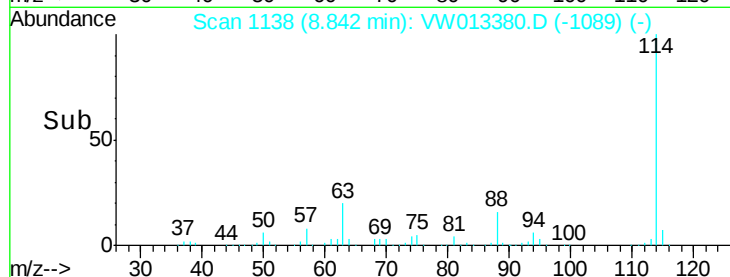
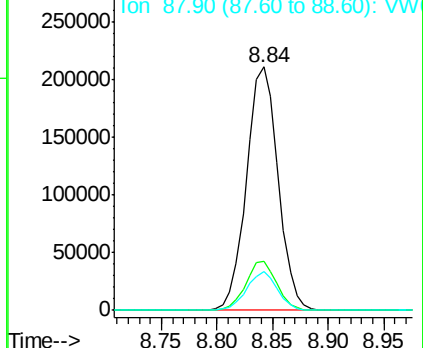
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013380.D
 Acq: 02 Oct 2019 16:04

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

Tot Ion:114 Resp: 417670
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.8 0.0 32.0

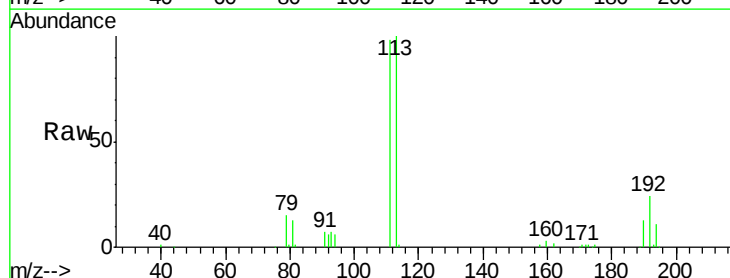


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

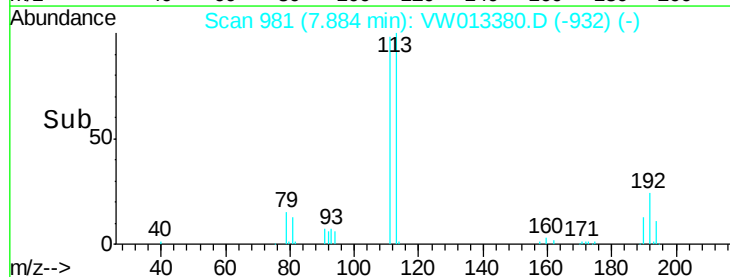
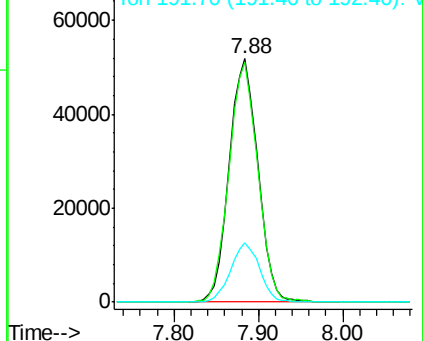


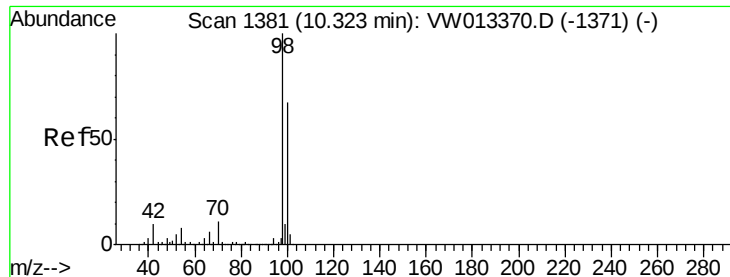
#35
 Dibromofluoromethane
 Concen: 54.798 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013380.D
 Acq: 02 Oct 2019 16:04

Tgt Ion:113 Resp: 120096
 Ion Ratio Lower Upper
 113 100
 111 98.7 81.9 122.9
 192 24.1 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: 52.429 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

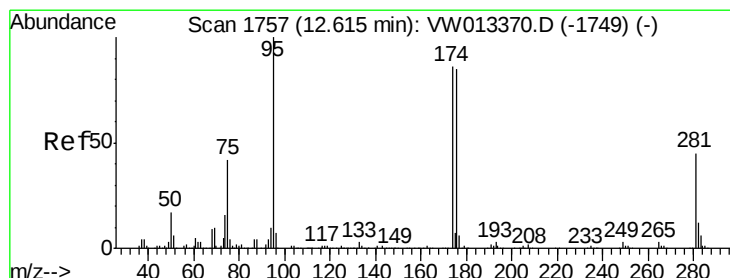
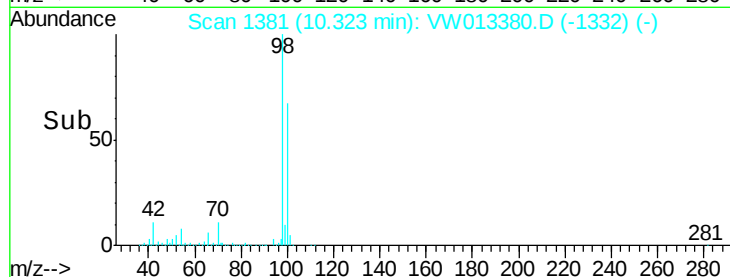
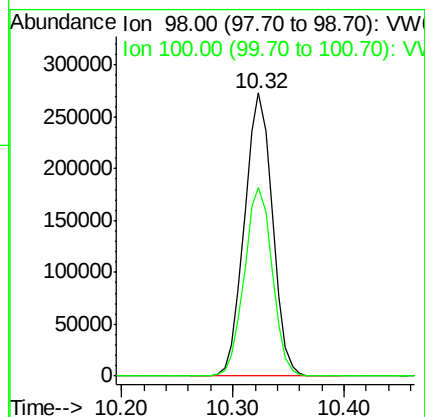
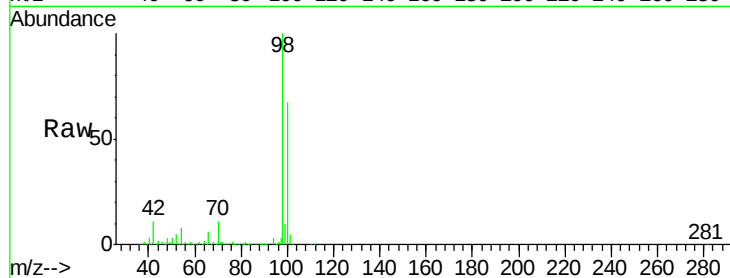
20190704-RR-COMPOSITE-4

Tot Ion: 98 Resp: 476830

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 50.053 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

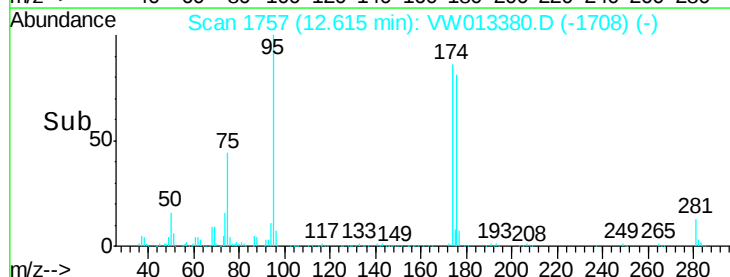
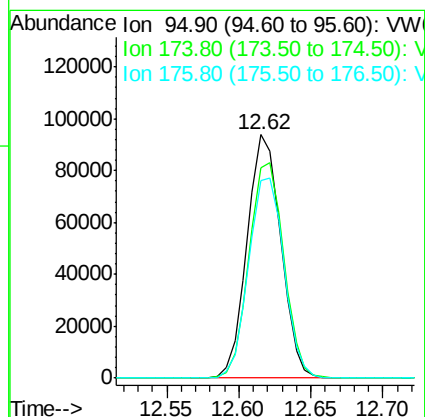
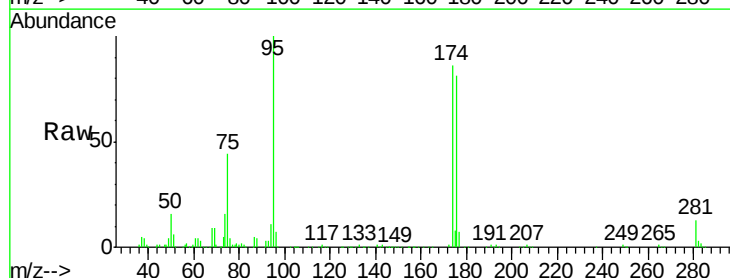
Tgt Ion: 95 Resp: 152014

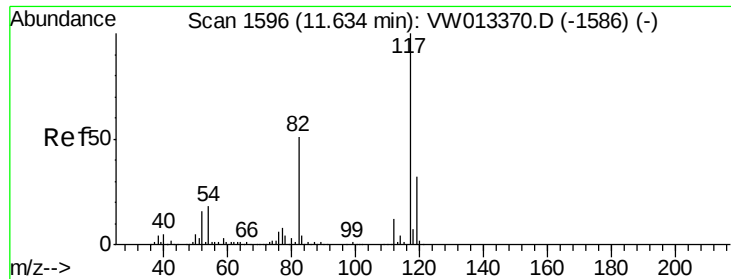
Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.4

176 86.1 0.0 172.2

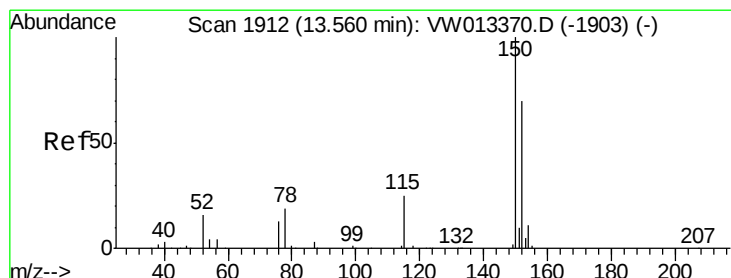
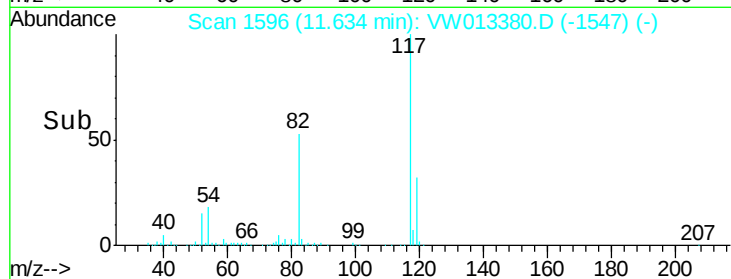
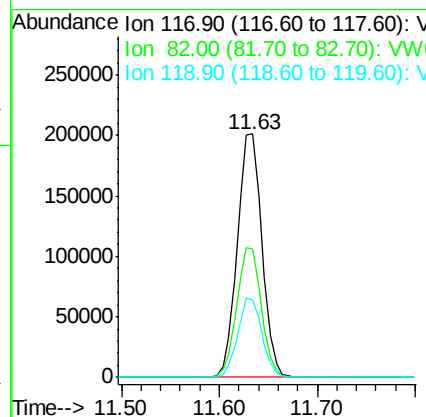
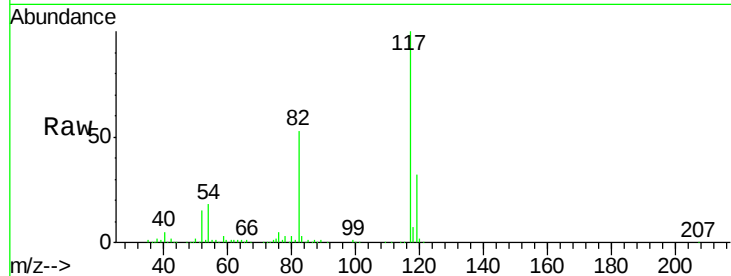




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW013380.D
Acq: 02 Oct 2019 16:04

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

Tot Ion:117 Resp: 352057
Ion Ratio Lower Upper
117 100
82 52.8 45.9 68.9
119 31.9 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: VW013380.D
Acq: 02 Oct 2019 16:04

Tgt Ion:152 Resp: 158187
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.9
150 155.8 0.0 349.0

