

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092419\
 Data File : VW013283.D
 Acq On : 24 Sep 2019 18:14
 Operator : SY/VA
 Sample : K5021-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1488-RBR200031-RBR200036

Quant Time: Sep 25 08:11:26 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

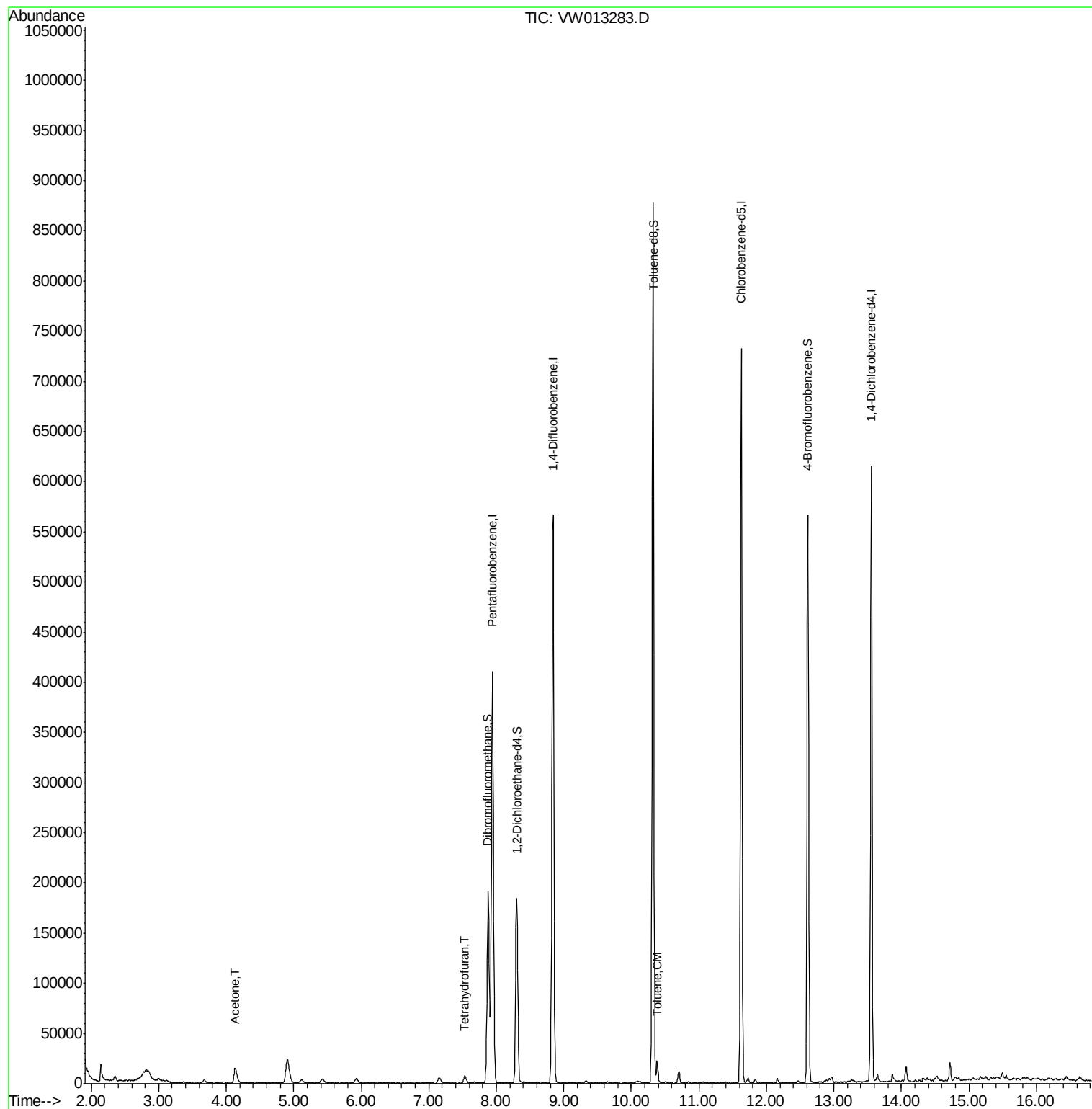
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	346557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	510639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	426918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	177708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145944	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	7.88	113	141034	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.32	98	593701	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.62	95	181027	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds						
16) Acetone	4.13	43	29137	45.681	ug/l	100
29) Tetrahydrofuran	7.53	42	6537	11.132	ug/l	98
52) Toluene	10.38	92	8885	1.005	ug/l	94

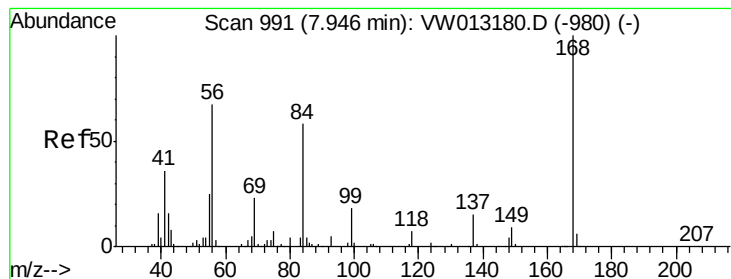
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092419\
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Quant Title : SW846 8260
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: VW013283.D

Acq: 24 Sep 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

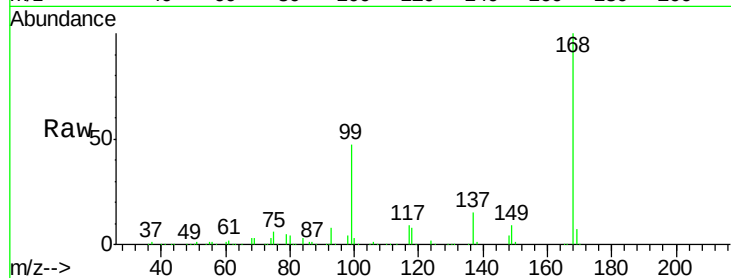
RT-1488-RBR200031-RBR200036

Tot Ion:168 Resp: 346557

Ion Ratio Lower Upper

168 100

99 47.4 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

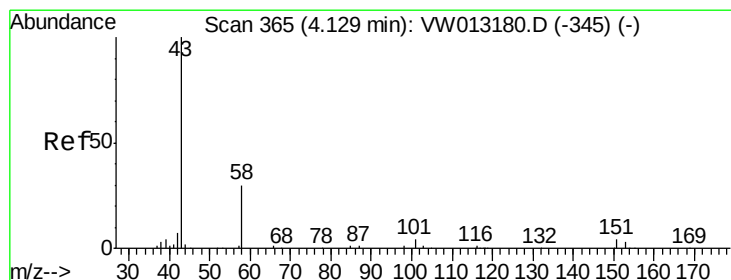
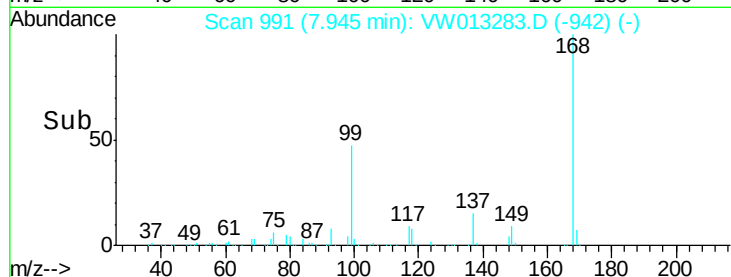
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 45.681 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW013283.D

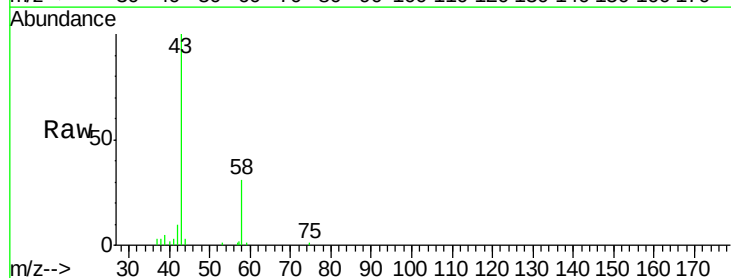
Acq: 24 Sep 2019 18:14

Tgt Ion: 43 Resp: 29137

Ion Ratio Lower Upper

43 100

58 29.9 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

10000

8000

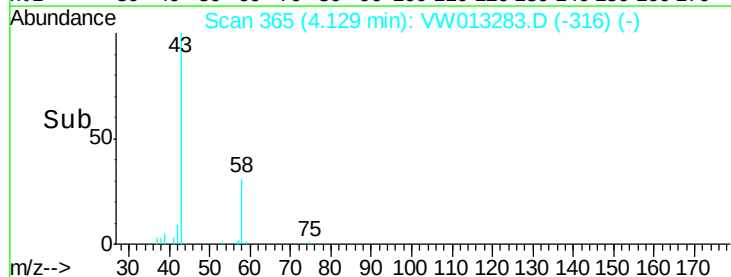
6000

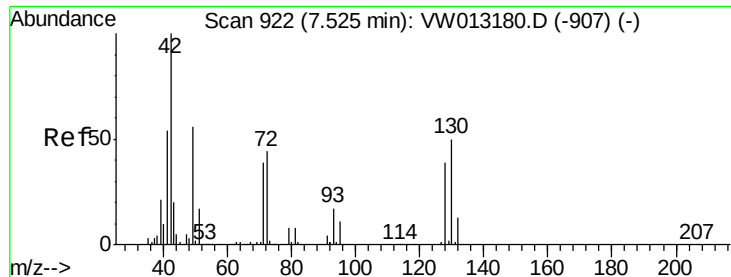
4000

2000

0

Time-->

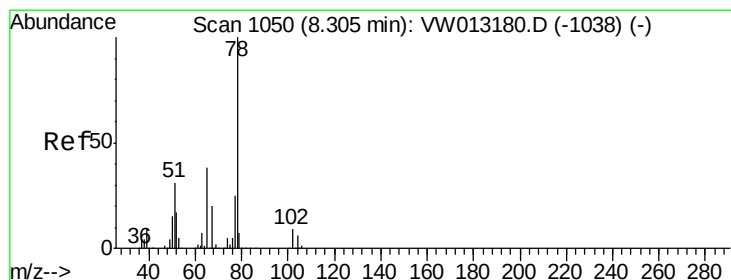
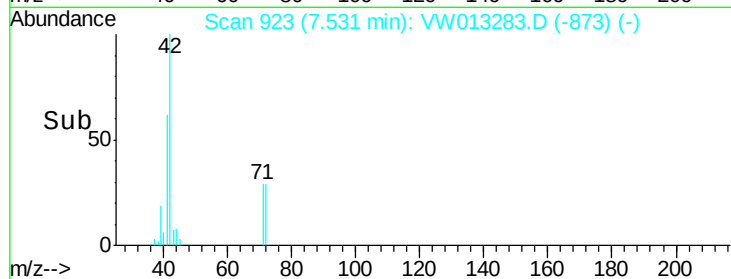
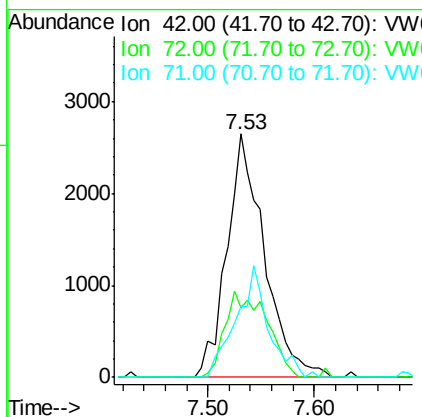
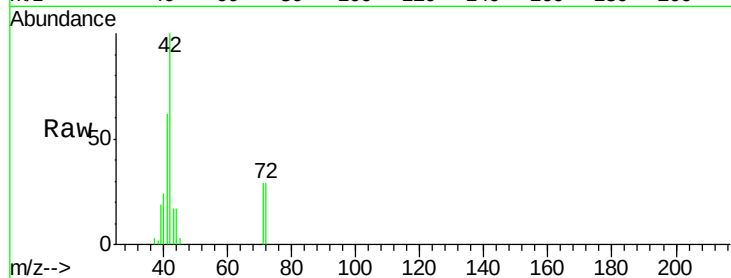




#29
Tetrahydrofuran
Concen: 11.132 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013283.D
Acq: 24 Sep 2019 18:14

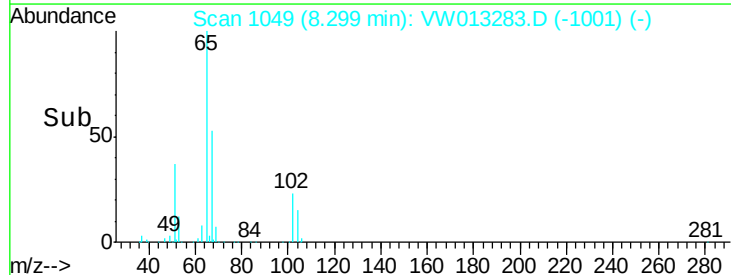
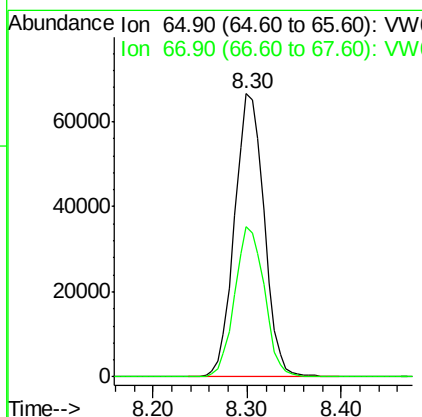
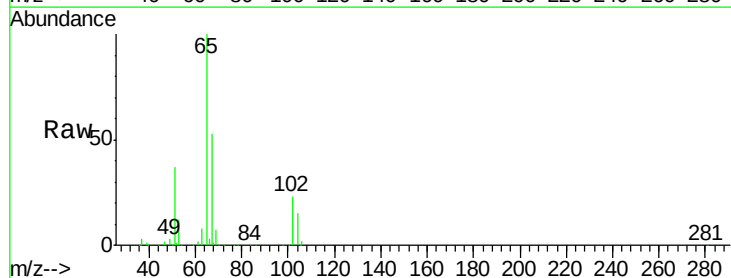
Instrument :
MSVOA_W
ClientSampleId :
RT-1488-RBR200031-RBR200036

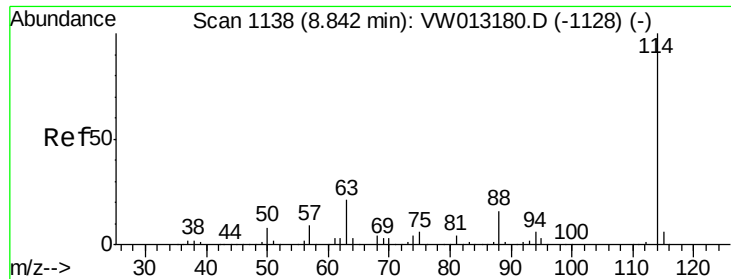
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	33.9	50.9
71	39.8	31.9	47.9



#33
1,2-Dichloroethane-d4
Concen: 51.599 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW013283.D
Acq: 24 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.3	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: VW013283.D

Acq: 24 Sep 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

RT-1488-RBR200031-RBR200036

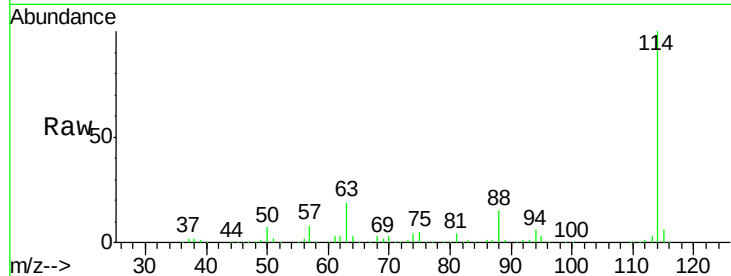
Tot Ion:114 Resp: 510639

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

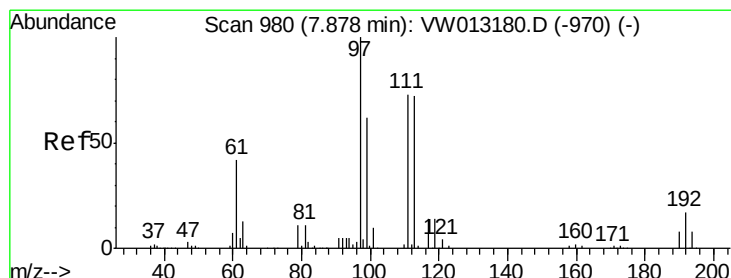
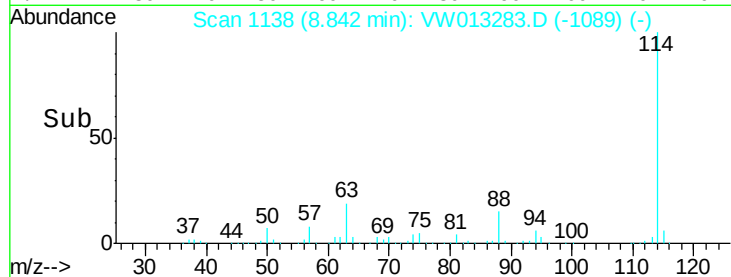
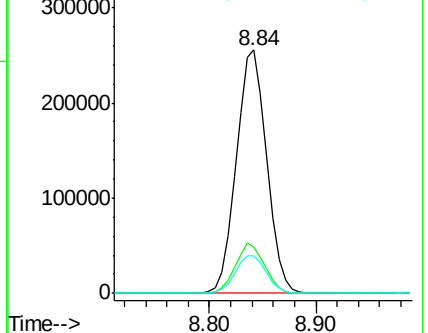
88 15.3 0.0 32.0



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: 50.217 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013283.D

Acq: 24 Sep 2019 18:14

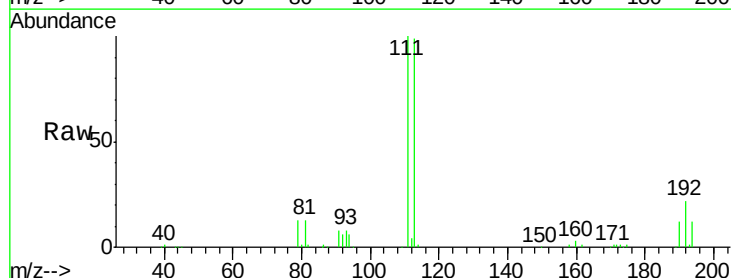
Tgt Ion:113 Resp: 141034

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

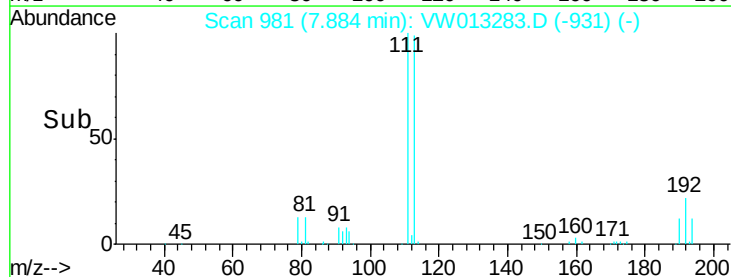
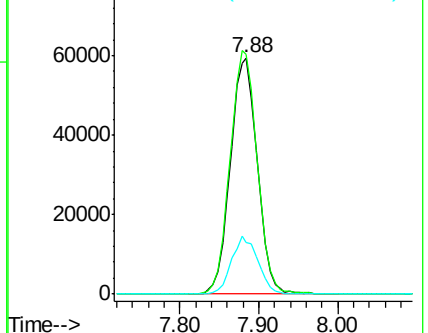
192 24.1 19.1 28.7

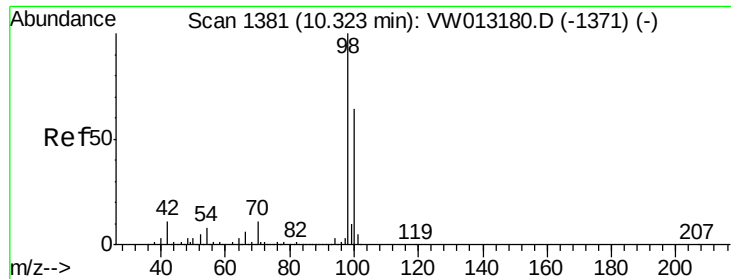


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

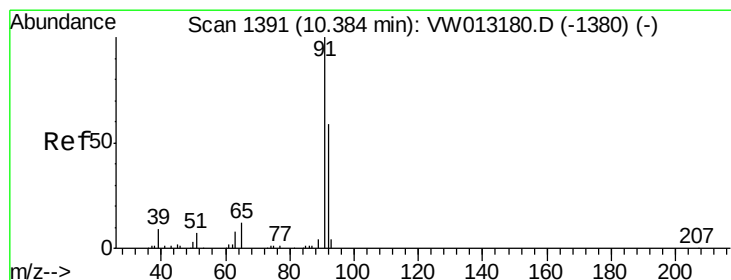
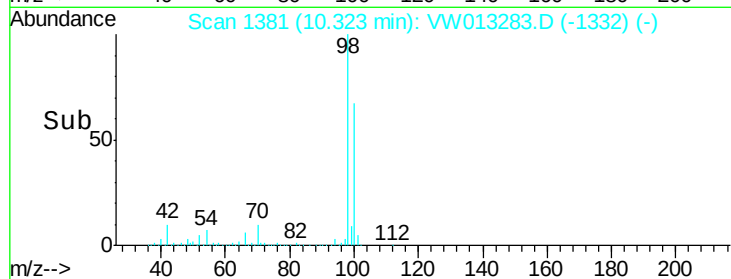
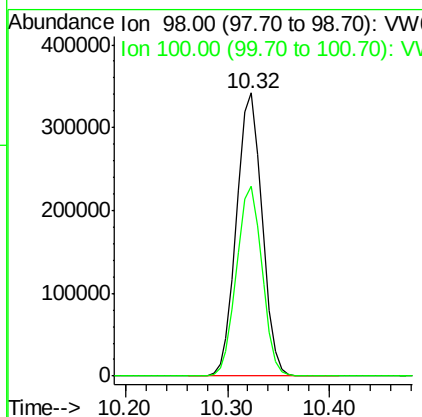
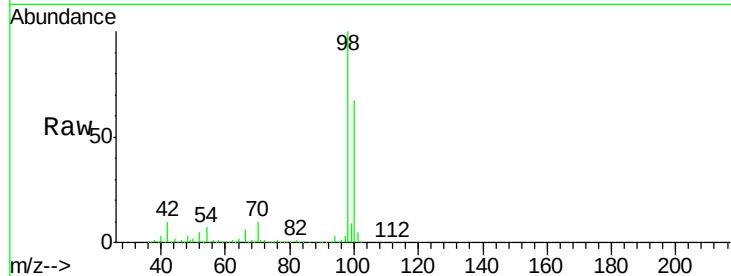




#50
Toluene-d8
Concen: 50.511 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013283.D
Acq: 24 Sep 2019 18:14

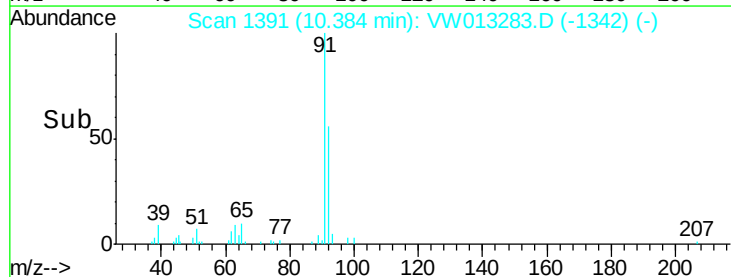
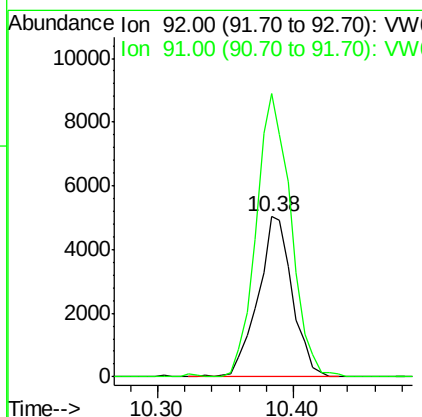
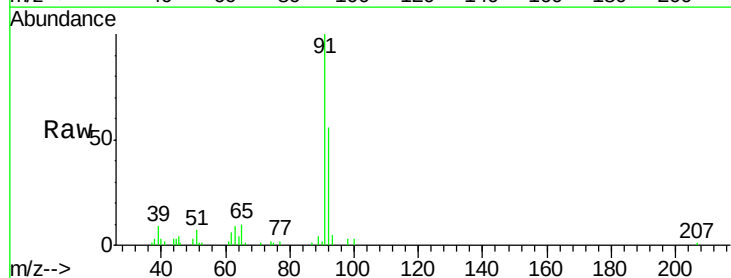
Instrument :
MSVOA_W
ClientSampleId :
RT-1488-RBR200031-RBR200036

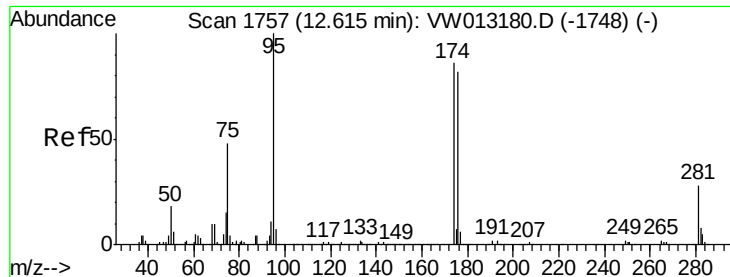
Tot Ion: 98 Resp: 593701
Ion Ratio Lower Upper
98 100
100 67.0 52.9 79.3



#52
Toluene
Concen: 1.005 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW013283.D
Acq: 24 Sep 2019 18:14

Tgt Ion: 92 Resp: 8885
Ion Ratio Lower Upper
92 100
91 178.0 135.7 203.5

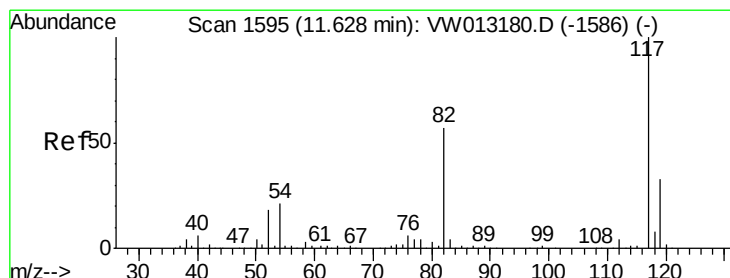
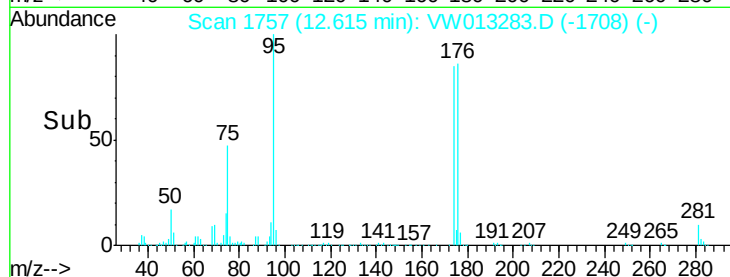
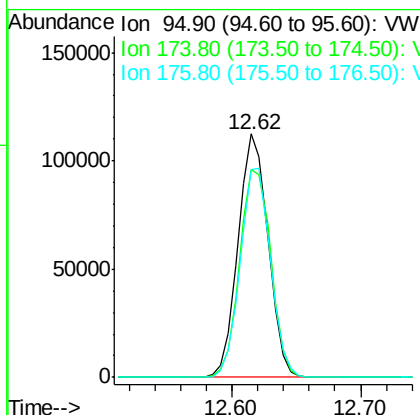
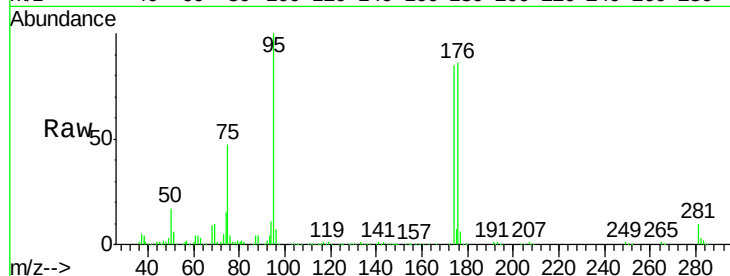




#62
4-Bromofluorobenzene
Concen: 45.087 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013283.D
Acq: 24 Sep 2019 18:14

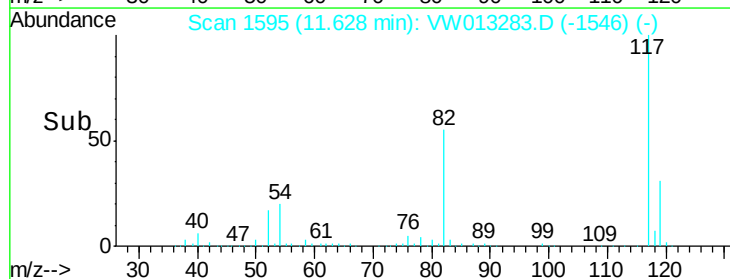
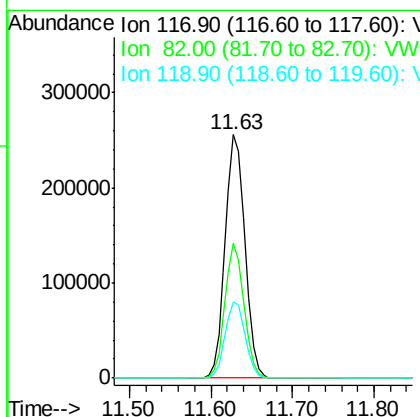
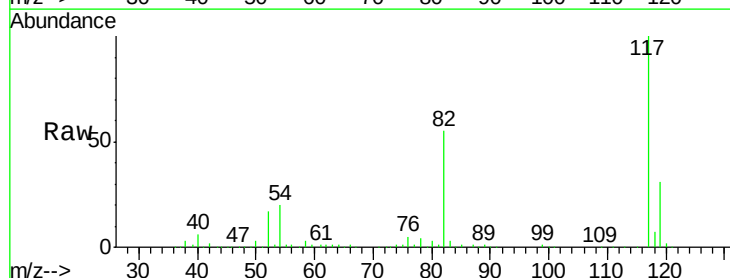
Instrument :
MSVOA_W
ClientSampleId :
RT-1488-RBR200031-RBR200036

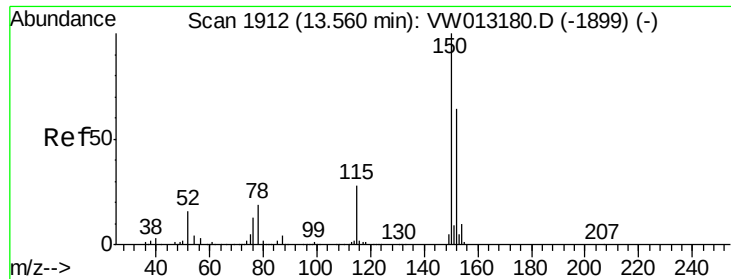
Tot Ion	95	Resp	181027
Ion Ratio	100		
Lower			
Upper			
95	100		
174	88.9	0.0	178.4
176	86.7	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013283.D
Acq: 24 Sep 2019 18:14

Tgt Ion	117	Resp	426918
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
117	100		
82	55.3	45.9	68.9
119	31.0	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: VW013283.D

Acq: 24 Sep 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

RT-1488-RBR200031-RBR200036

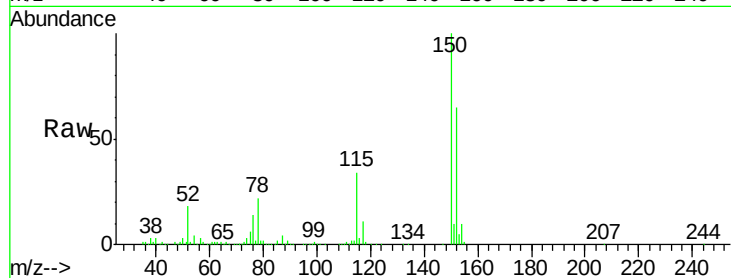
Tot Ion:152 Resp: 177708

Ion Ratio Lower Upper

152 100

115 54.9 27.3 81.9

150 154.5 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

