

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011619\
 Data File : VW008314.D
 Acq On : 16 Jan 2019 17:49
 Operator : SY/VA
 Sample : K1156-05
 Misc : 4.54G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-7

Quant Time: Jan 17 06:19:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

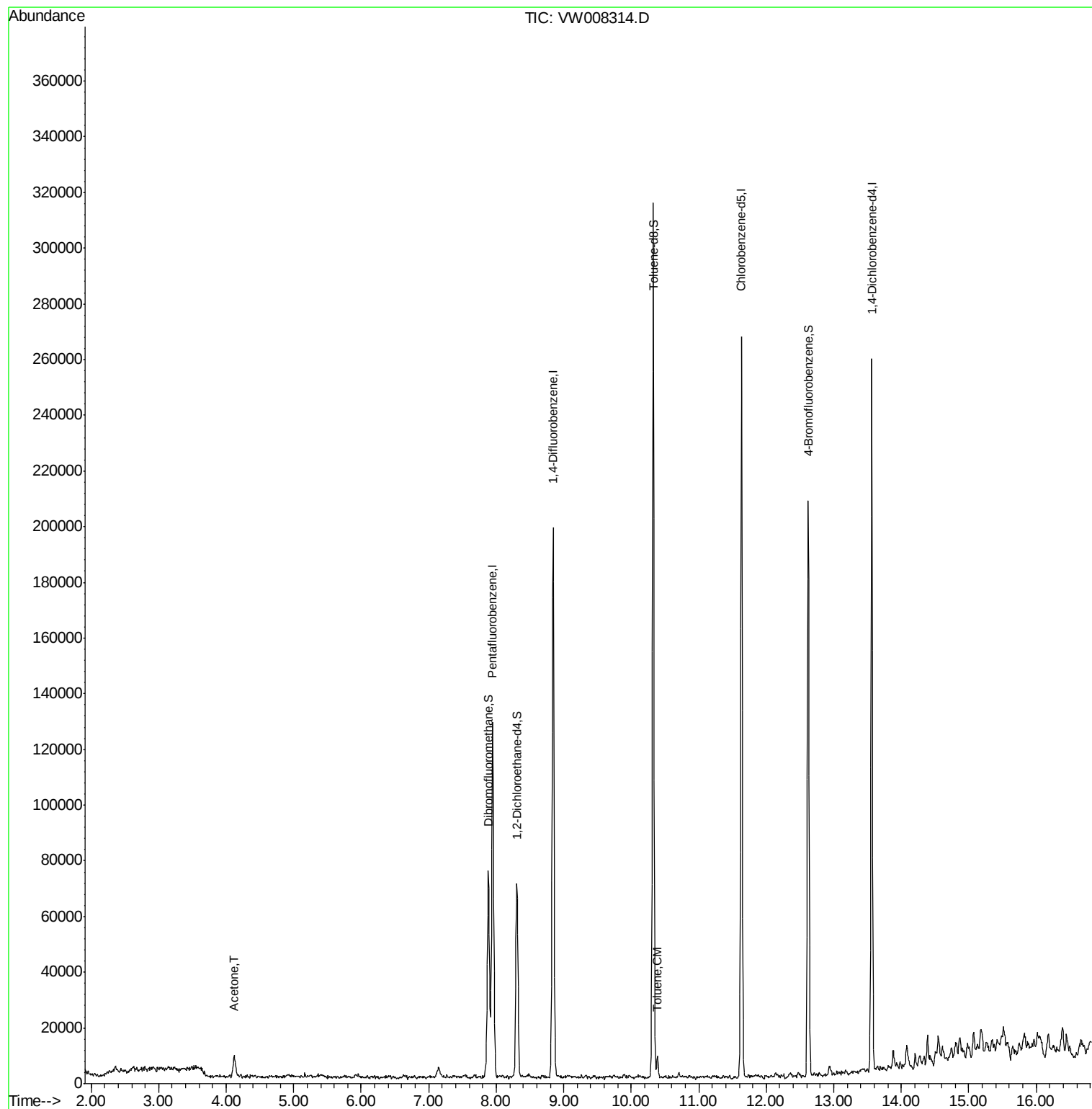
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	164588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53235	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
35) Dibromofluoromethane	7.88	113	52640	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
50) Toluene-d8	10.32	98	203694	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.62	95	66259	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
16) Acetone	4.12	43	12410	50.198	ug/l	Qvalue 100
52) Toluene	10.39	92	3018	1.028	ug/l	97

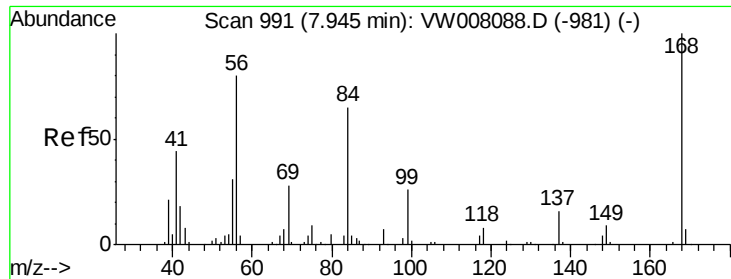
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

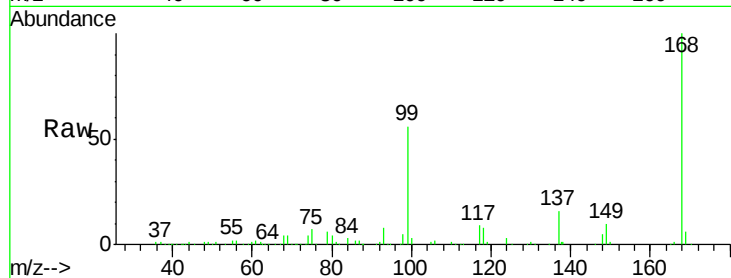
VOC-7

Tot Ion:168 Resp: 91546

Ion Ratio Lower Upper

168 100

99 55.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

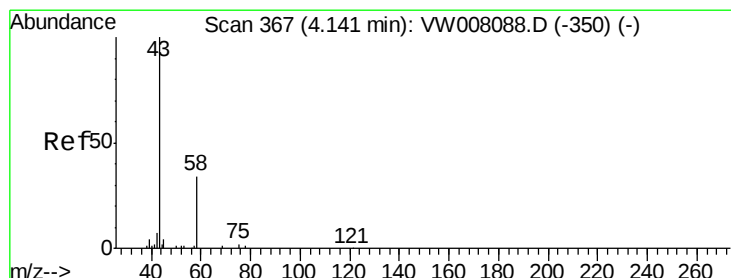
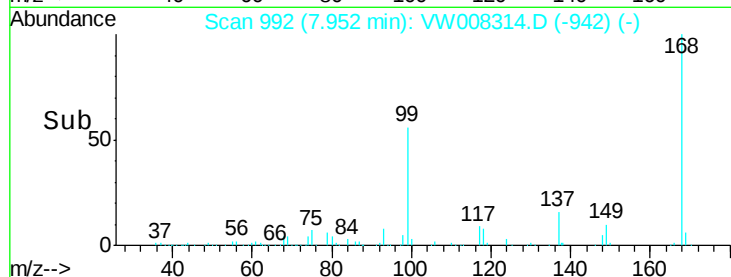
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 50.198 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008314.D

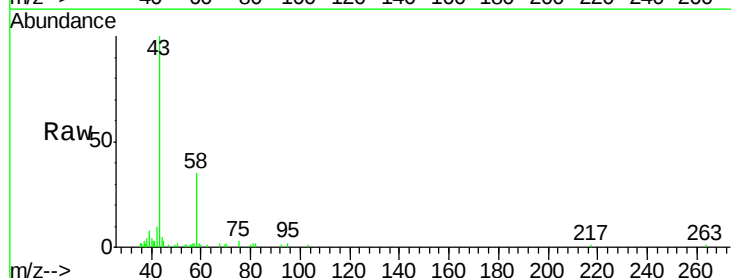
Acq: 16 Jan 2019 17:49

Tgt Ion: 43 Resp: 12410

Ion Ratio Lower Upper

43 100

58 34.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

5000

4000

3000

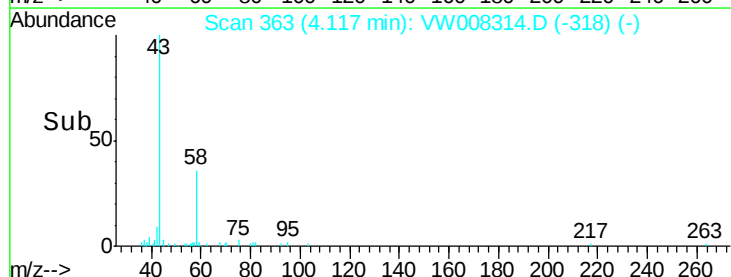
2000

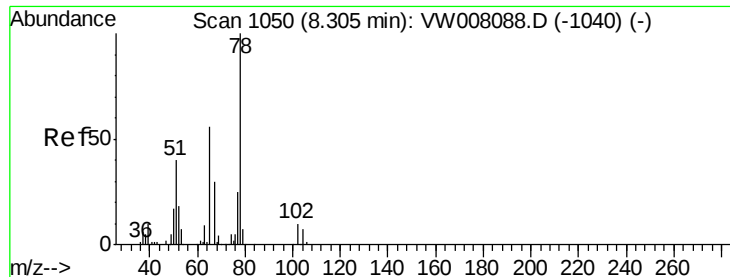
1000

0

4.00 4.10 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.740 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

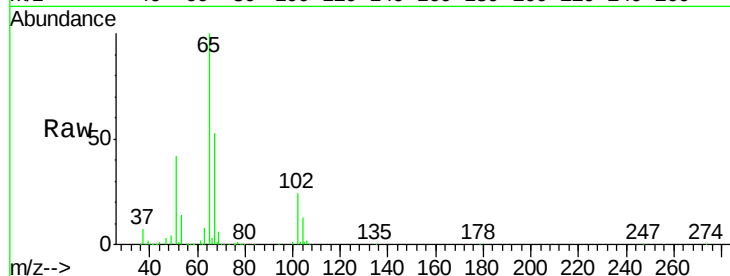
VOC-7

Tot Ion: 65 Resp: 53235

Ion Ratio Lower Upper

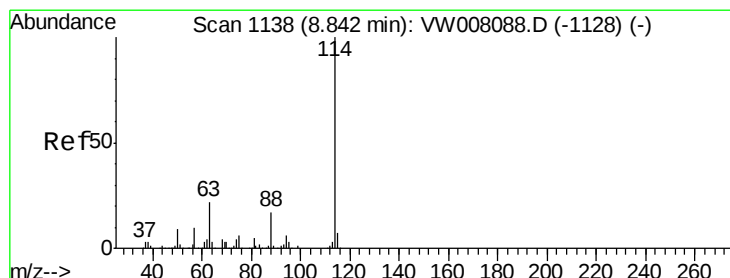
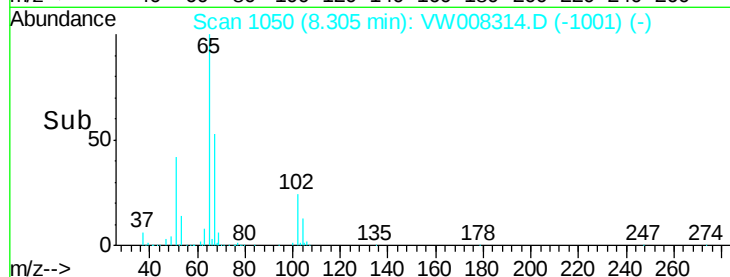
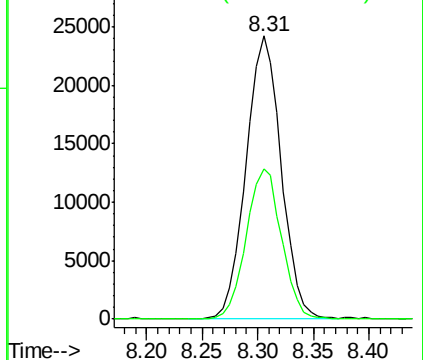
65 100

67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

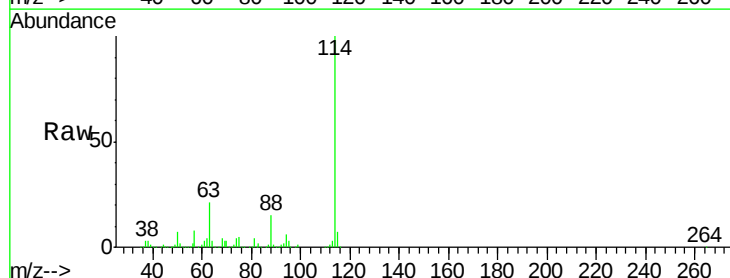
Tgt Ion: 114 Resp: 164588

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.4

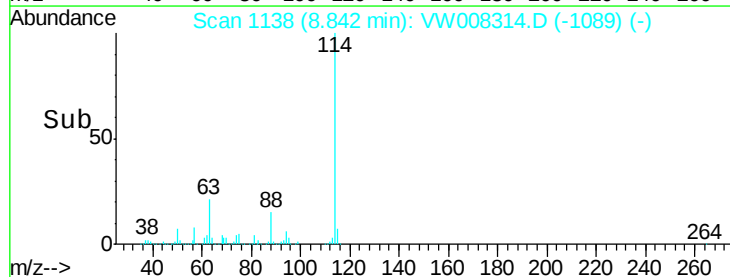
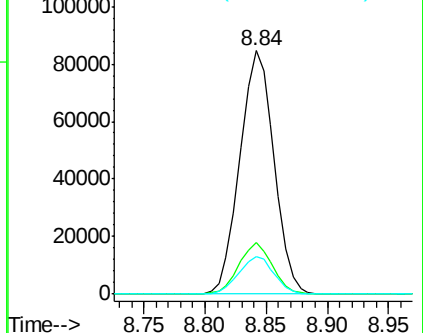
88 15.3 0.0 33.4

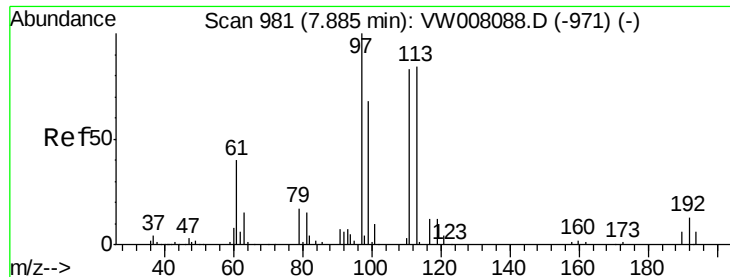


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

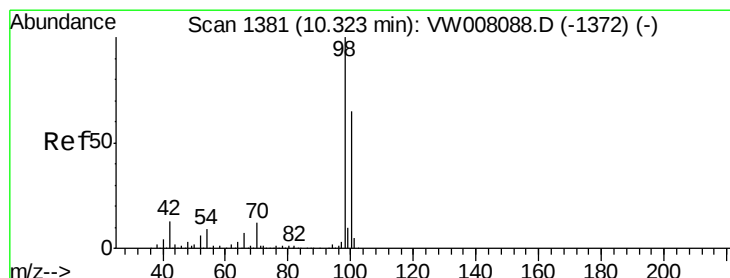
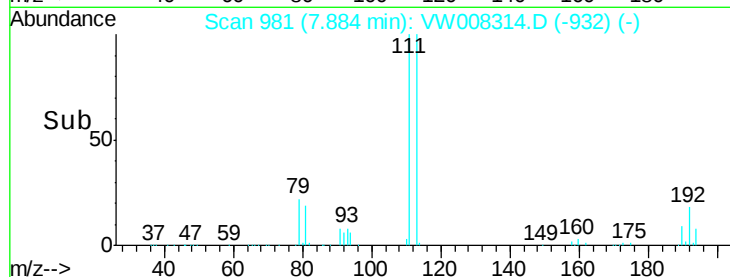
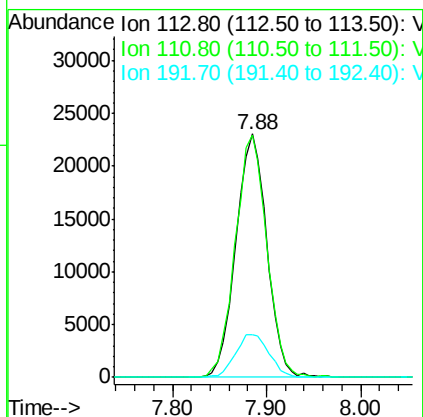
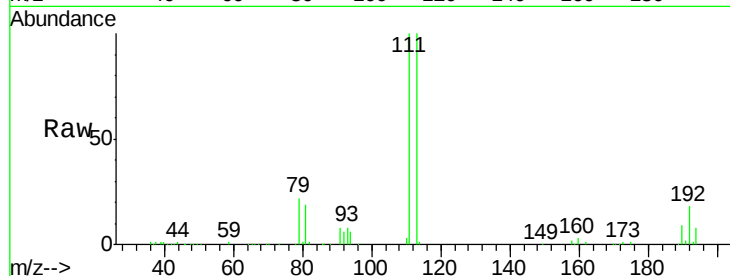




#35
 Dibromofluoromethane
 Concen: 54.837 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008314.D
 Acq: 16 Jan 2019 17:49

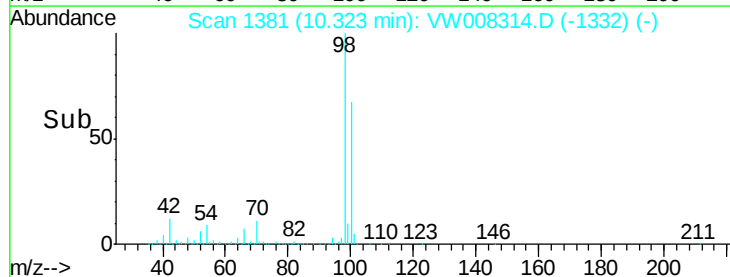
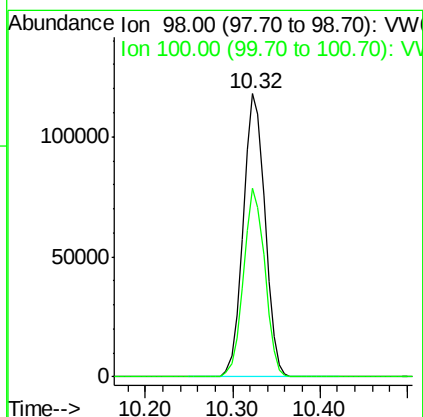
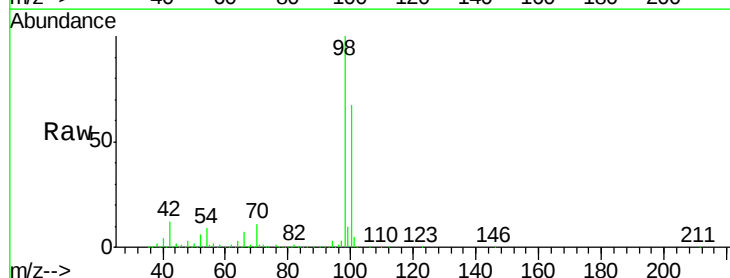
Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-7

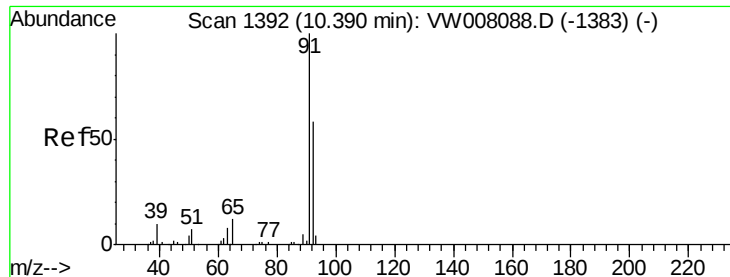
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.8
192	19.1	12.8	19.2



#50
 Toluene-d8
 Concen: 50.566 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008314.D
 Acq: 16 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5





#52

Toluene

Concen: 1.028 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

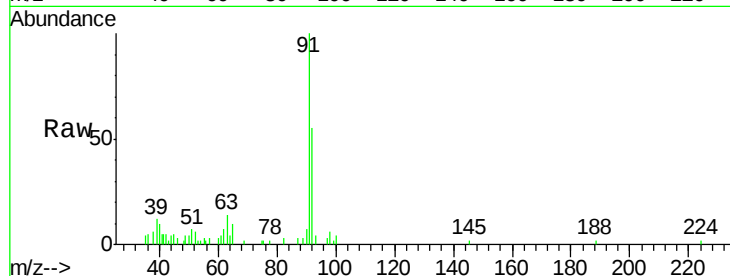
VOC-7

Tot Ion: 92 Resp: 3018

Ion Ratio Lower Upper

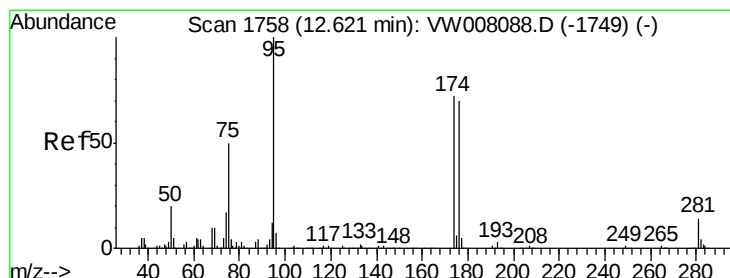
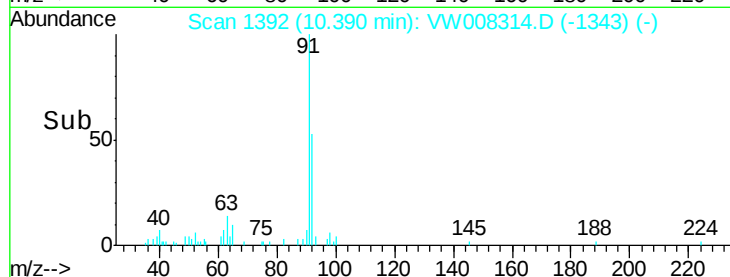
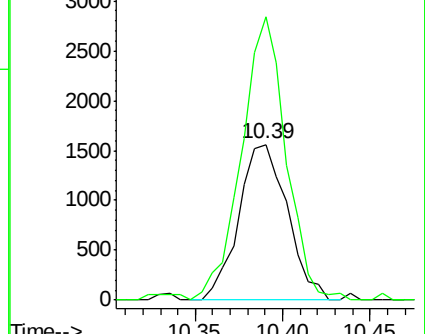
92 100

91 166.6 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 45.882 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

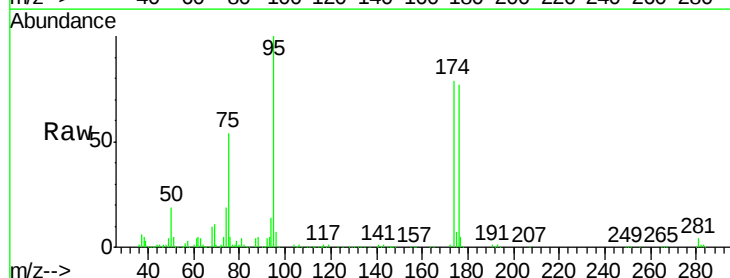
Tgt Ion: 95 Resp: 66259

Ion Ratio Lower Upper

95 100

174 79.0 0.0 143.0

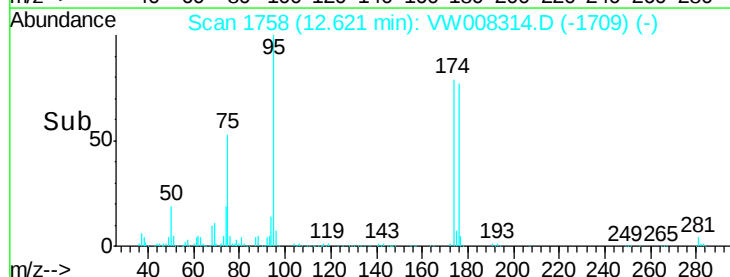
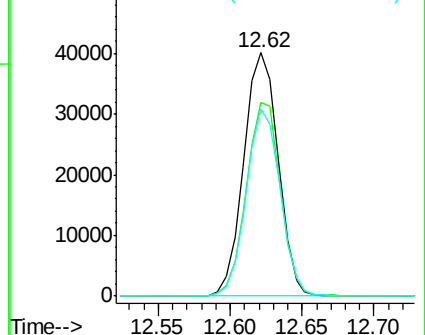
176 75.5 0.0 140.2

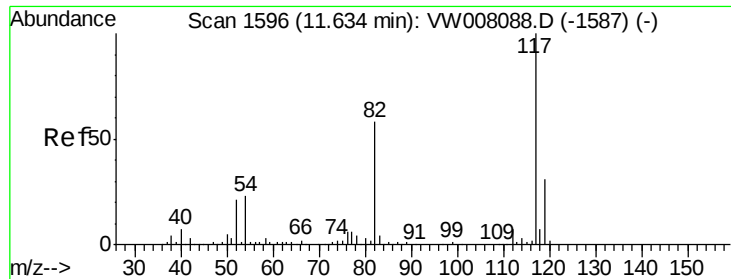


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

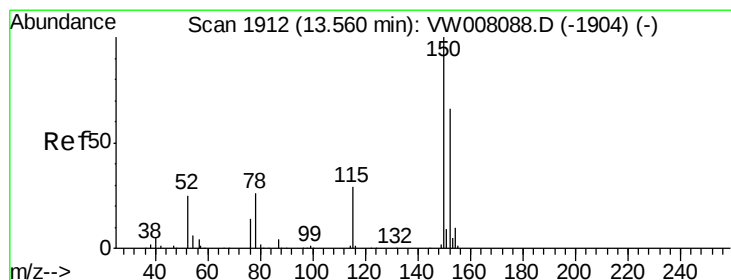
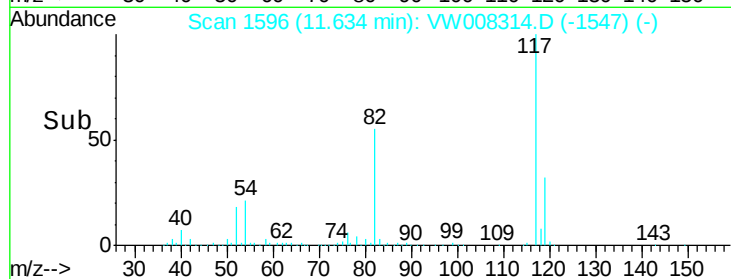
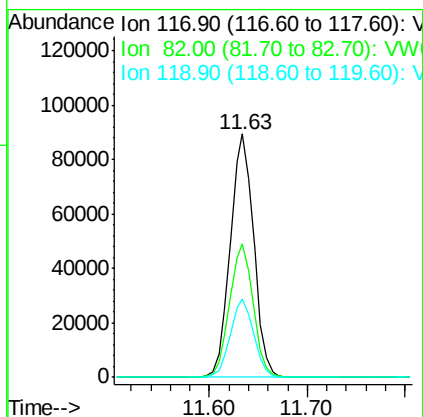
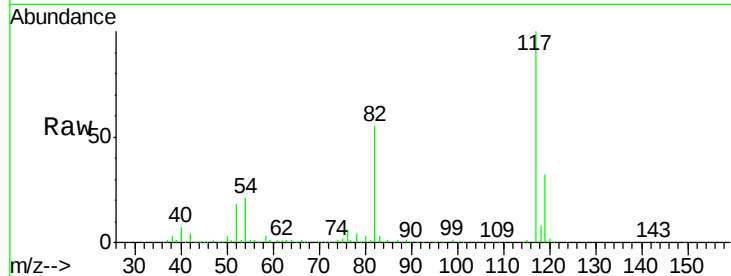




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008314.D
Acq: 16 Jan 2019 17:49

Instrument :
MSVOA_W
ClientSampleId :
VOC-7

Tot Ion:117 Resp: 147949
Ion Ratio Lower Upper
117 100
82 54.7 46.4 69.6
119 32.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008314.D
Acq: 16 Jan 2019 17:49

Tgt Ion:152 Resp: 65621
Ion Ratio Lower Upper
152 100
115 59.2 30.8 92.4
150 157.1 0.0 350.2

