

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009620.D
 Acq On : 31 Mar 2019 19:30
 Operator : SY/VA
 Sample : K2138-19
 Misc : 5.19G/5.0ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S6B(22)

Quant Time: Apr 01 05:54:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

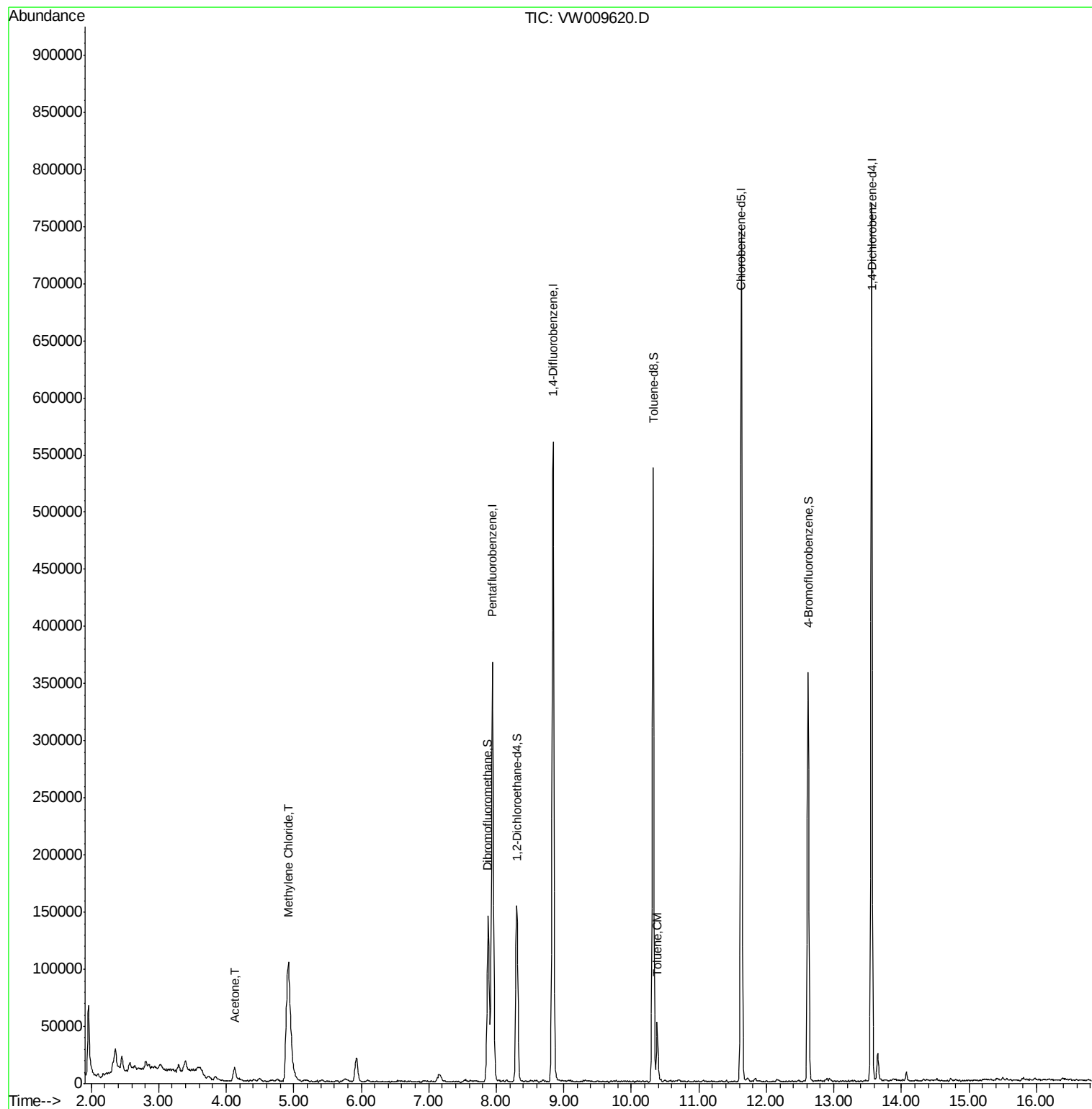
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	177925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	120502	41.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.06%	
35) Dibromofluoromethane	7.88	113	99136	36.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.76%	
50) Toluene-d8	10.32	98	333027	33.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.04%	
62) 4-Bromofluorobenzene	12.62	95	106766	28.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.62%	
Target Compounds						
16) Acetone	4.12	43	20072	30.394	ug/l	93
20) Methylene Chloride	4.92	84	103023	38.904	ug/l	91
52) Toluene	10.38	92	19624	2.613	ug/l	99

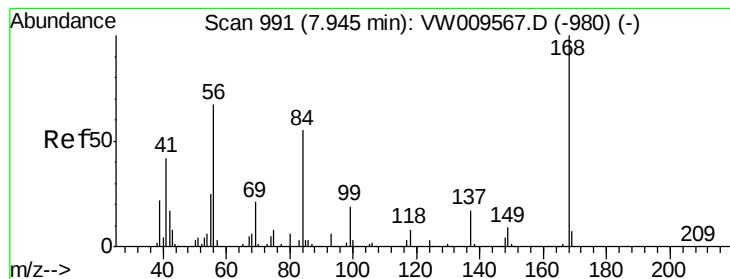
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 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: VW009620.D

Acq: 31 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

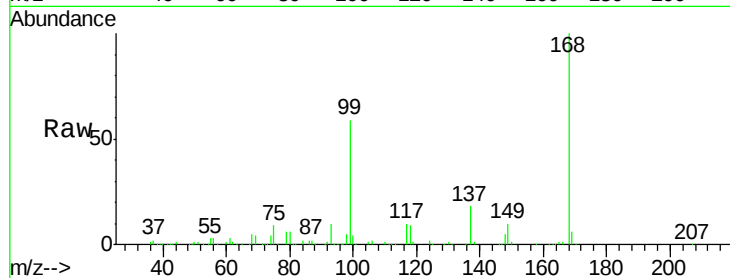
S6B(22)

Tot Ion:168 Resp: 256857

Ion Ratio Lower Upper

168 100

99 58.8 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

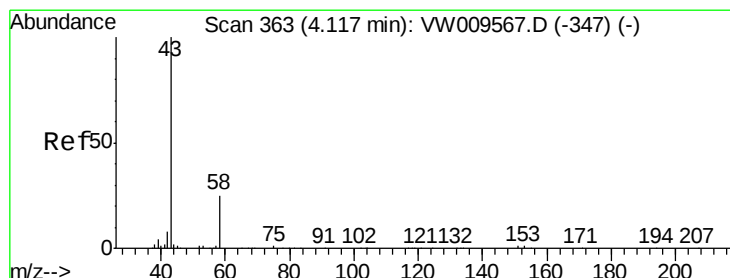
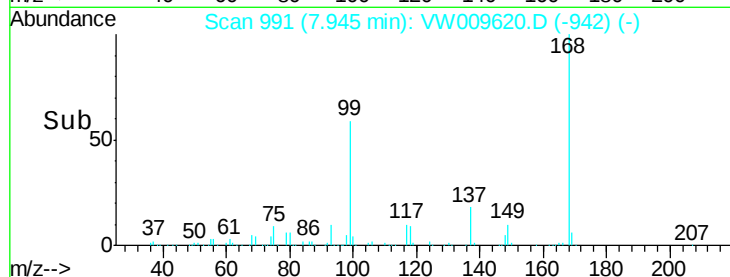
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 30.394 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009620.D

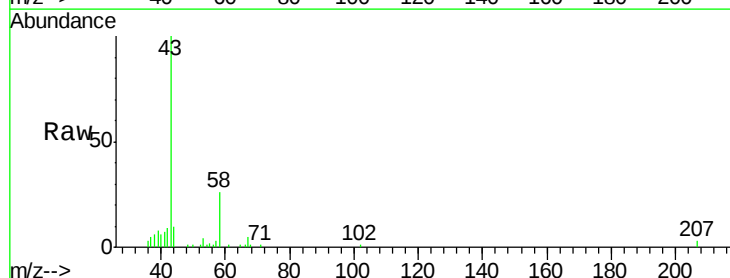
Acq: 31 Mar 2019 19:30

Tgt Ion: 43 Resp: 20072

Ion Ratio Lower Upper

43 100

58 25.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

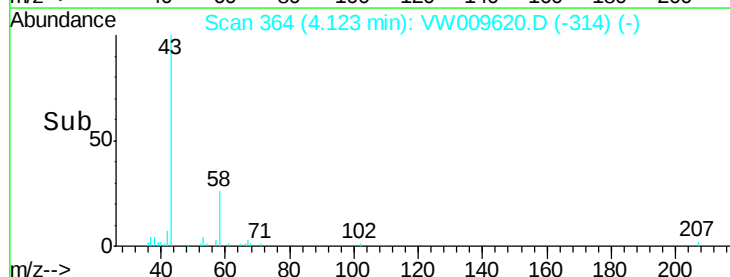
6000

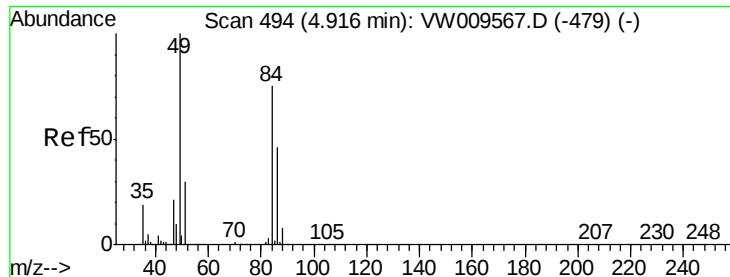
4000

2000

0

Time--> 4.00 4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: 38.904 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009620.D

Acq: 31 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

S6B(22)

Tot Ion: 84 Resp: 103023

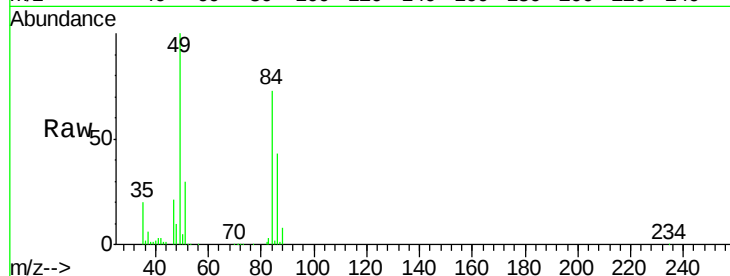
Ion Ratio Lower Upper

84 100

49 136.9 99.1 148.7

51 40.6 28.7 43.1

86 58.8 50.5 75.7

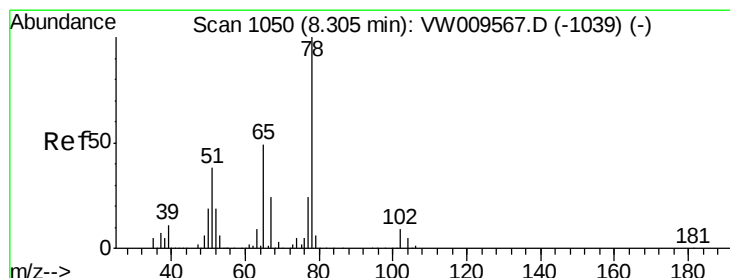
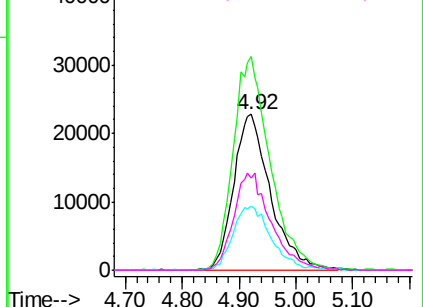
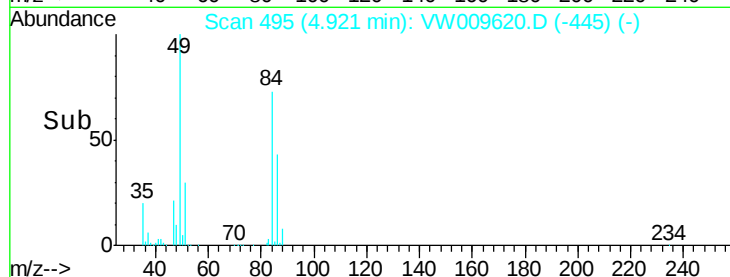


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 41.025 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW009620.D

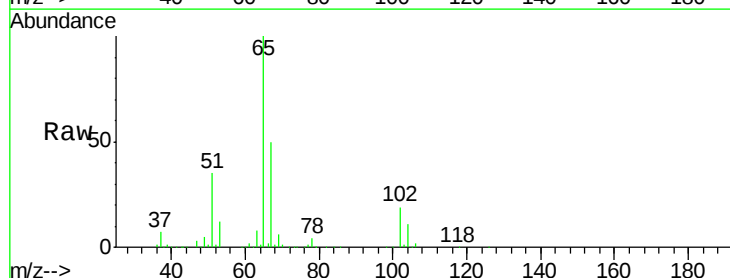
Acq: 31 Mar 2019 19:30

Tgt Ion: 65 Resp: 120502

Ion Ratio Lower Upper

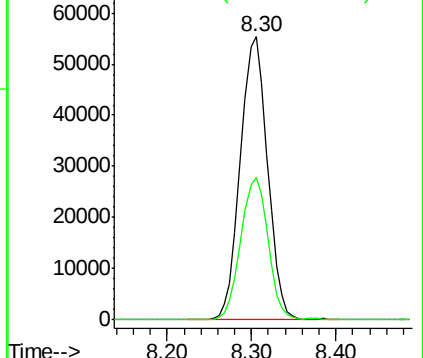
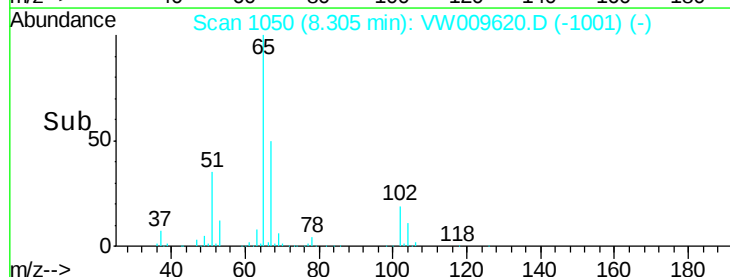
65 100

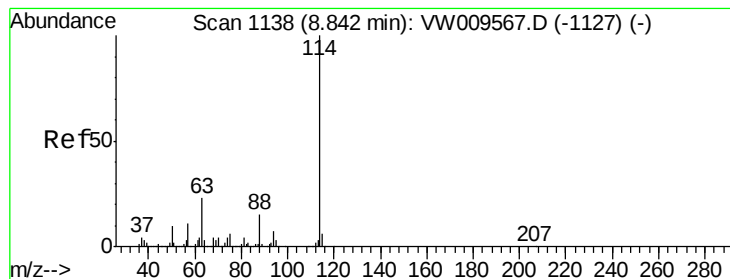
67 50.6 0.0 102.4



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: VW009620.D

Acq: 31 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

S6B(22)

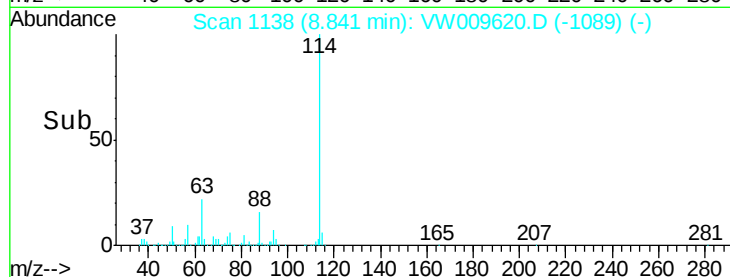
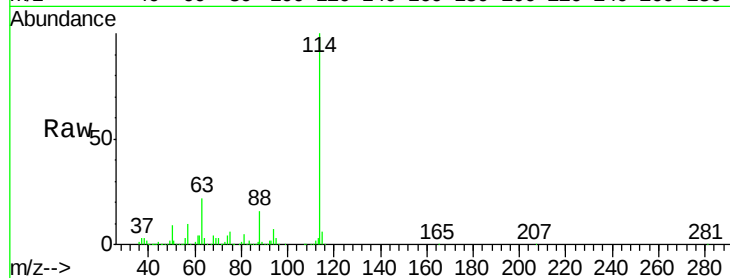
Tot Ion:114 Resp: 427969

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

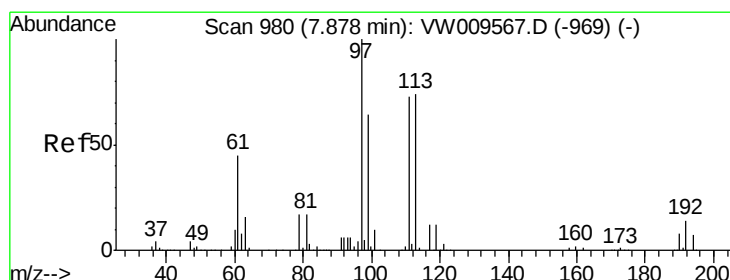
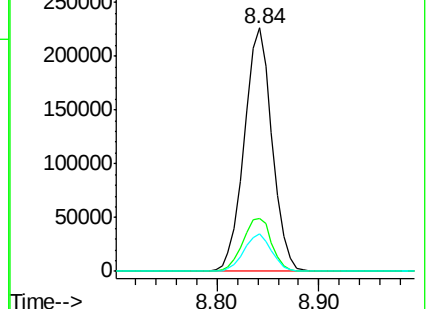
88 15.5 0.0 30.8



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: 36.881 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW009620.D

Acq: 31 Mar 2019 19:30

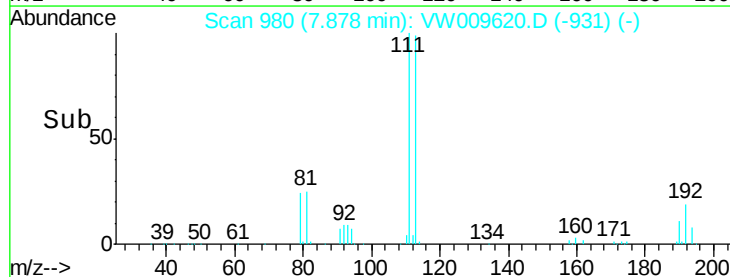
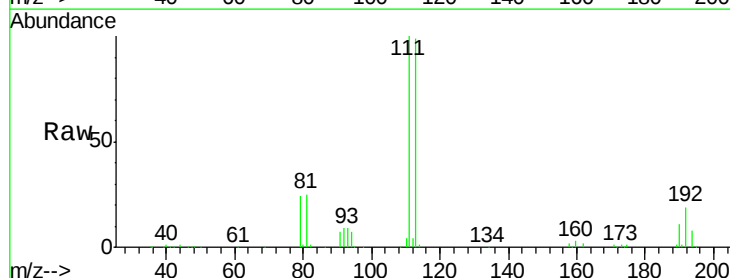
Tgt Ion:113 Resp: 99136

Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

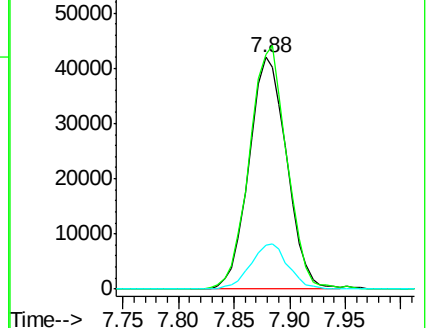
192 19.2 16.4 24.6

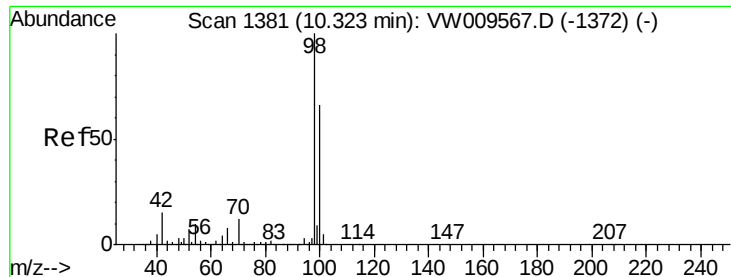


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 33.520 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009620.D

Acq: 31 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

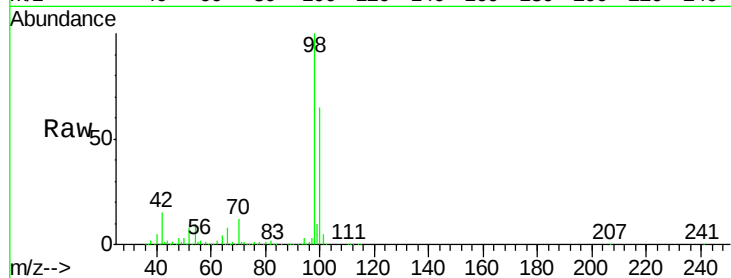
S6B(22)

Tot Ion: 98 Resp: 333027

Ion Ratio Lower Upper

98 100

100 63.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

200000

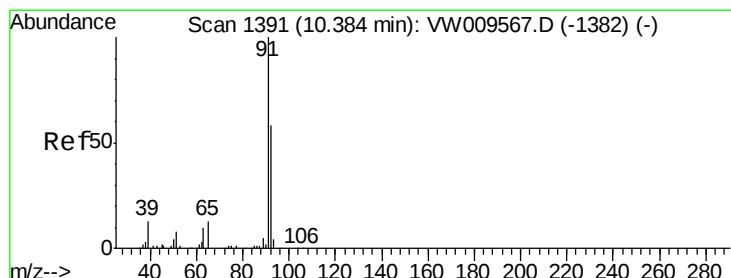
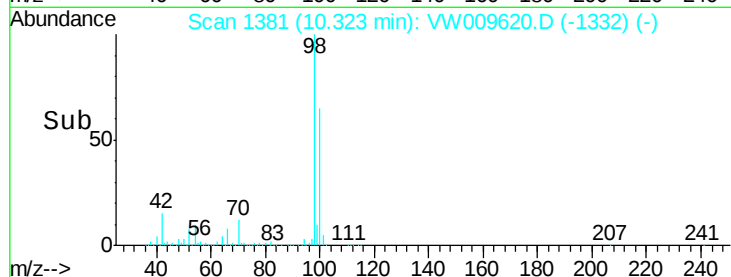
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#52

Toluene

Concen: 2.613 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW009620.D

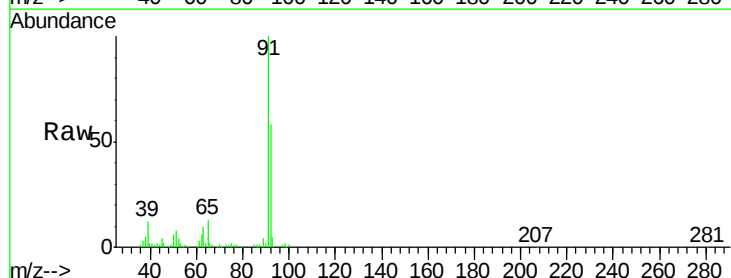
Acq: 31 Mar 2019 19:30

Tgt Ion: 92 Resp: 19624

Ion Ratio Lower Upper

92 100

91 176.2 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38

20000

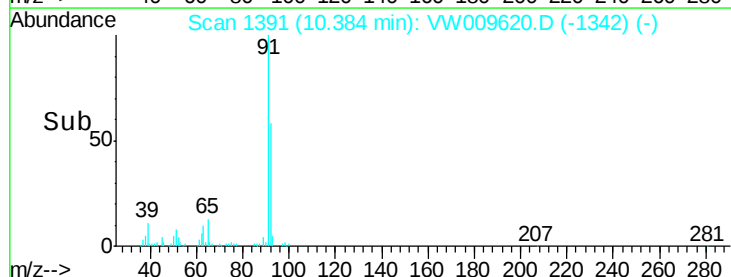
15000

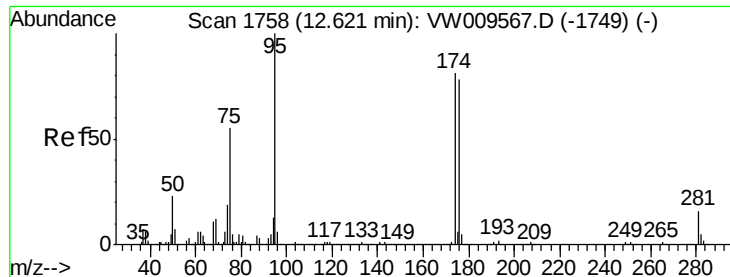
10000

5000

0

Time--> 10.30 10.35 10.40 10.45





#62

4-Bromofluorobenzene

Concen: 28.806 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009620.D

Acq: 31 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

S6B(22)

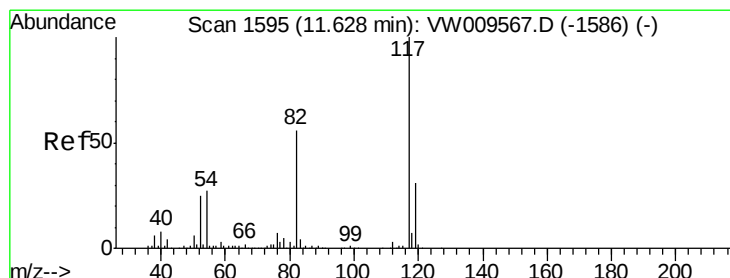
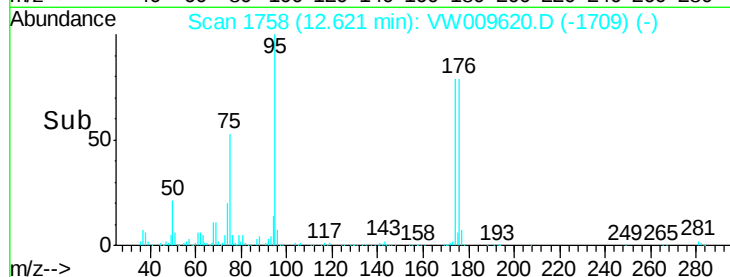
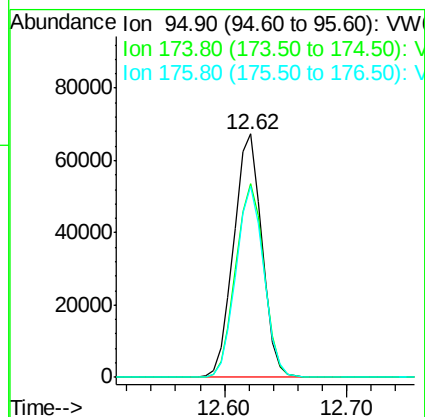
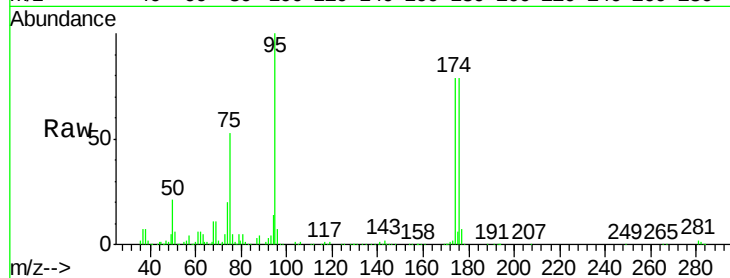
Tot Ion: 95 Resp: 106766

Ion Ratio Lower Upper

95 100

174 80.2 0.0 168.4

176 78.0 0.0 161.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW009620.D

Acq: 31 Mar 2019 19:30

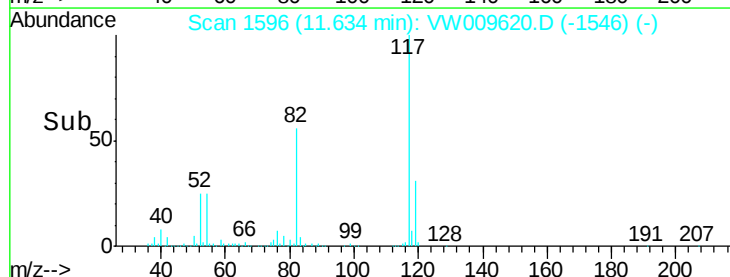
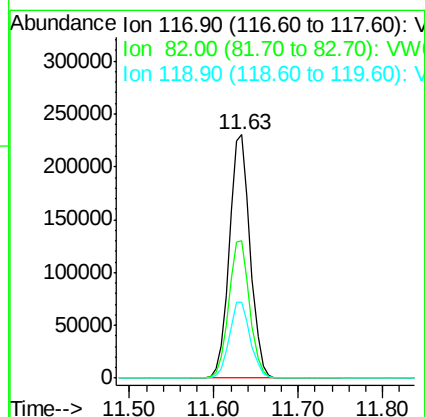
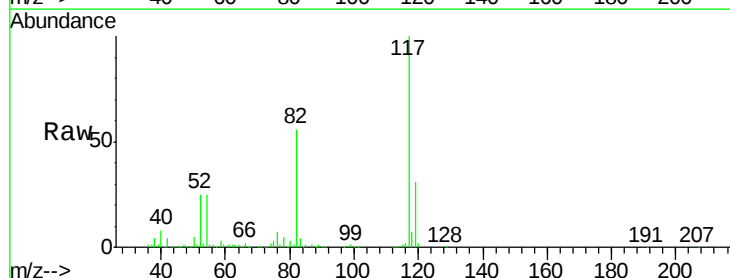
Tgt Ion: 117 Resp: 386759

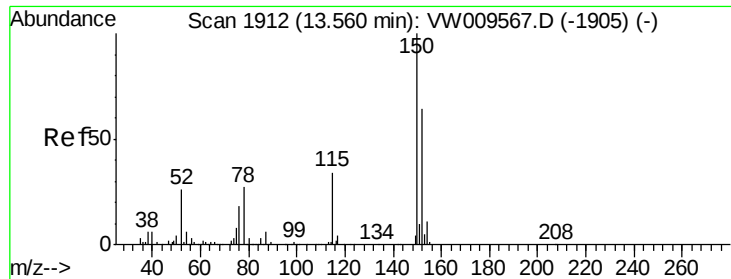
Ion Ratio Lower Upper

117 100

82 56.4 43.6 65.4

119 31.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW009620.D

Acq: 31 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

S6B(22)

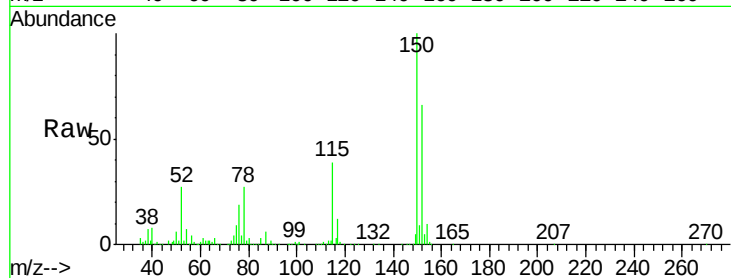
Tot Ion:152 Resp: 177925

Ion Ratio Lower Upper

152 100

115 59.0 29.6 88.8

150 155.2 0.0 349.2



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

