

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010785.D
 Acq On : 12 Jun 2019 18:31
 Operator : SY/VA
 Sample : K3294-03
 Misc : 4.46G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S2(0-5)

Quant Time: Jun 25 08:00:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

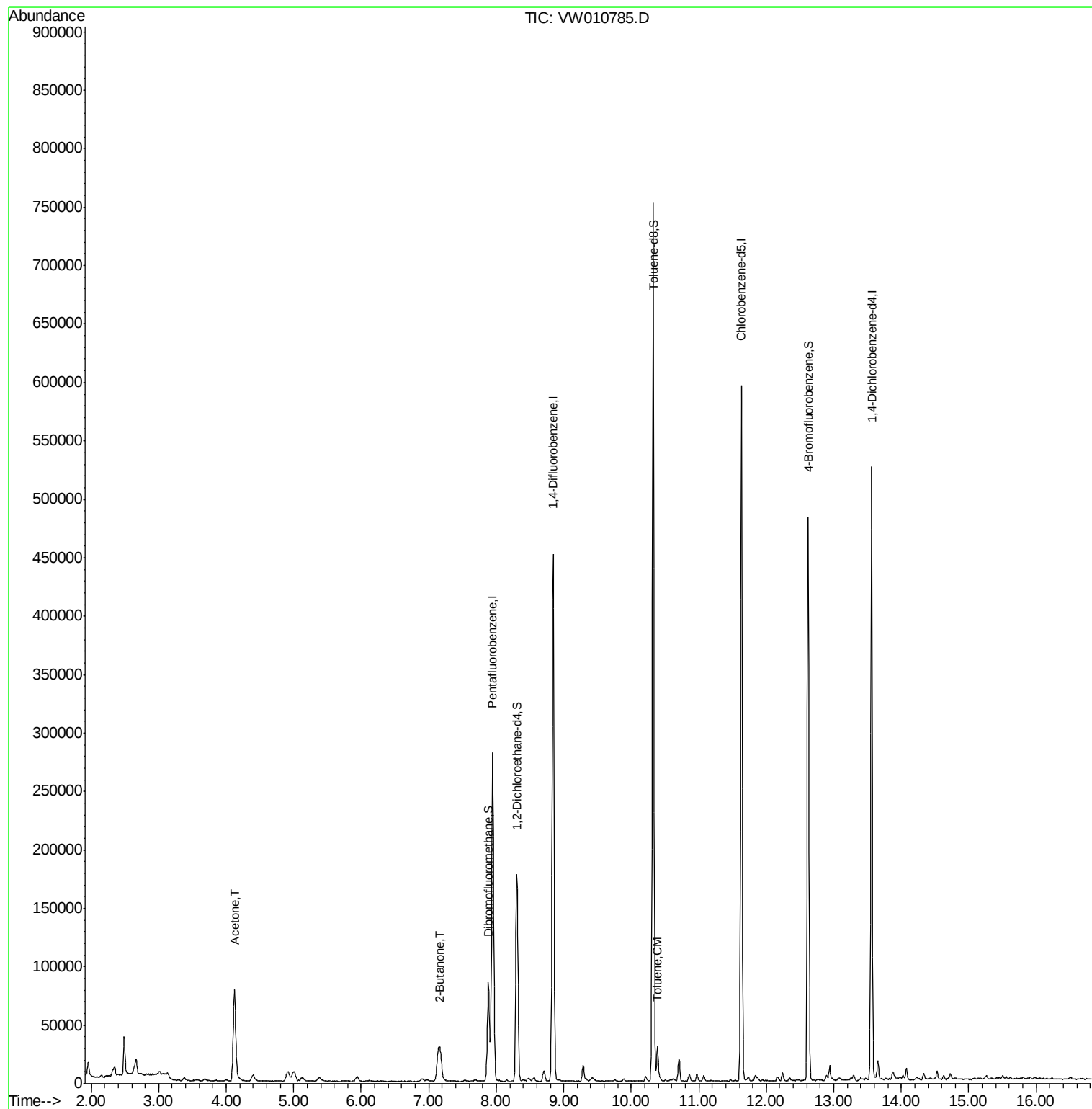
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	142583	60.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.46%	
35) Dibromofluoromethane	7.88	113	58752	30.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.08%	
50) Toluene-d8	10.32	98	459211	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.62	95	155569	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
Target Compounds						
16) Acetone	4.12	43	139295	219.616	ug/l	99
25) 2-Butanone	7.17	43	36568	41.578	ug/l	96
52) Toluene	10.38	92	12428	2.041	ug/l	100

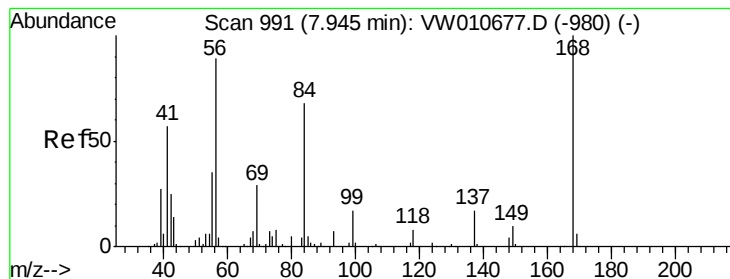
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW010785.D

Acq: 12 Jun 2019 18:31

Instrument :

MSVOA_W

ClientSampleId :

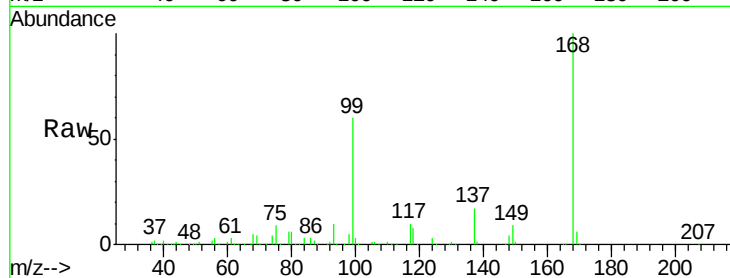
S2(0-5)

Tot Ion:168 Resp: 200830

Ion Ratio Lower Upper

168 100

99 60.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

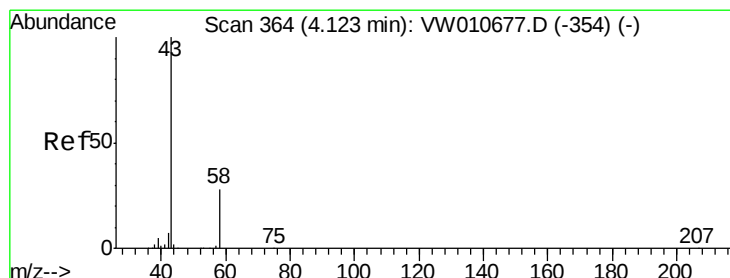
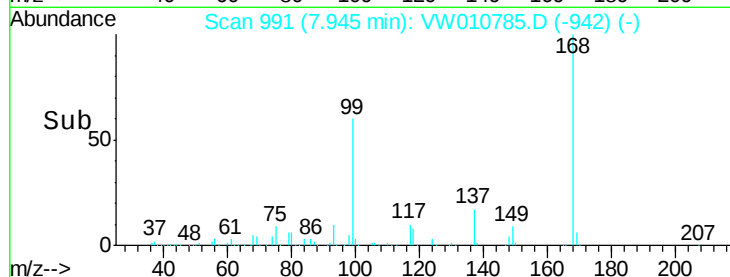
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 219.616 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010785.D

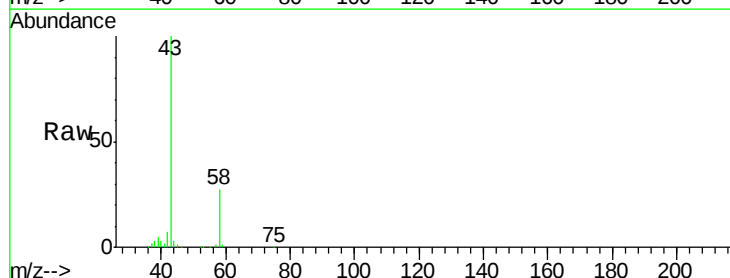
Acq: 12 Jun 2019 18:31

Tgt Ion: 43 Resp: 139295

Ion Ratio Lower Upper

43 100

58 27.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

60000

50000

40000

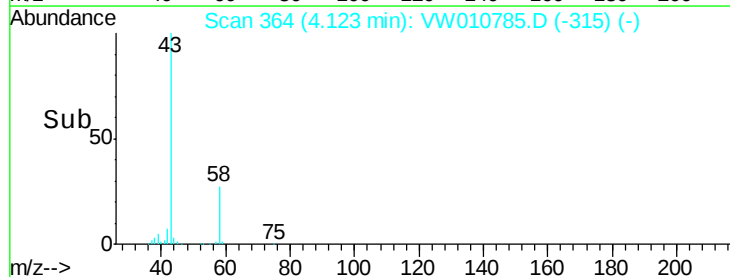
30000

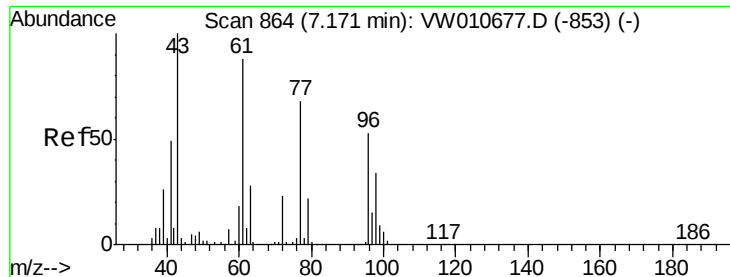
20000

10000

0

Time-->





#25

2-Butanone

Concen: 41.578 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010785.D

Acq: 12 Jun 2019 18:31

Instrument :

MSVOA_W

ClientSampled :

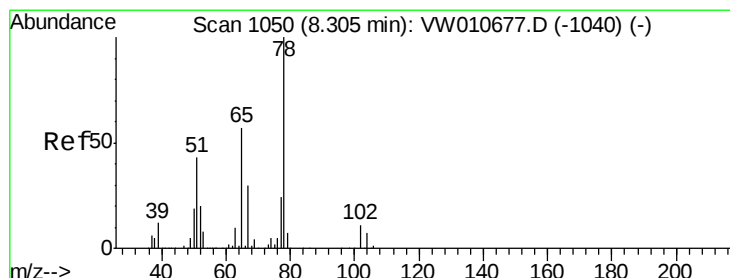
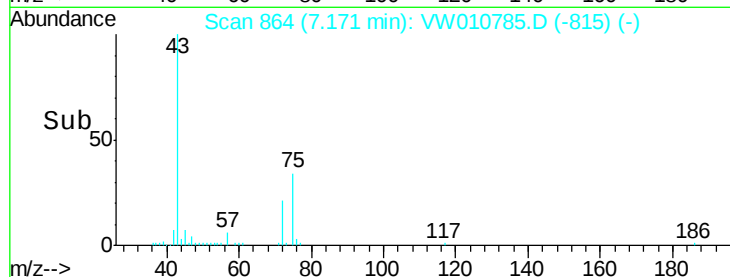
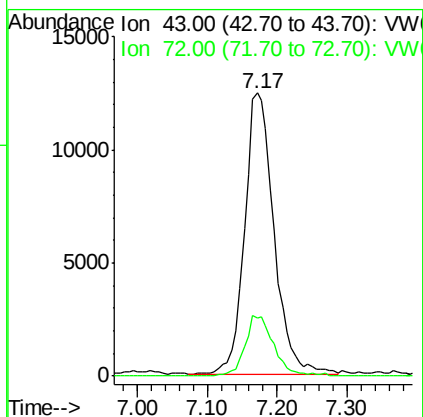
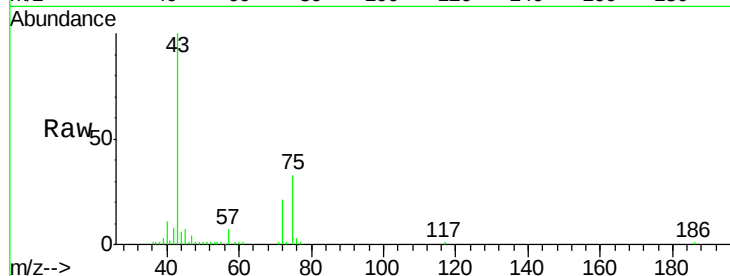
S2(0-5)

Tot Ion: 43 Resp: 36568

Ion Ratio Lower Upper

43 100

72 20.8 18.1 27.1



#33

1,2-Dichloroethane-d4

Concen: 60.235 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010785.D

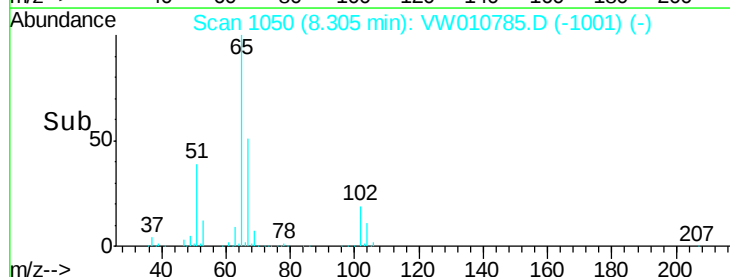
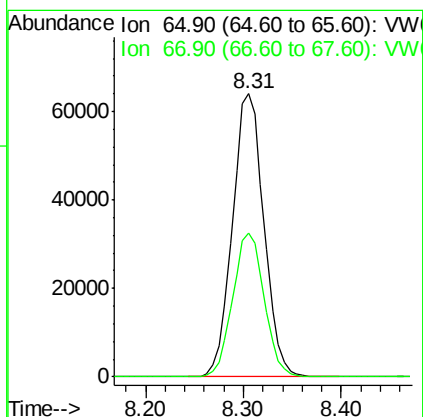
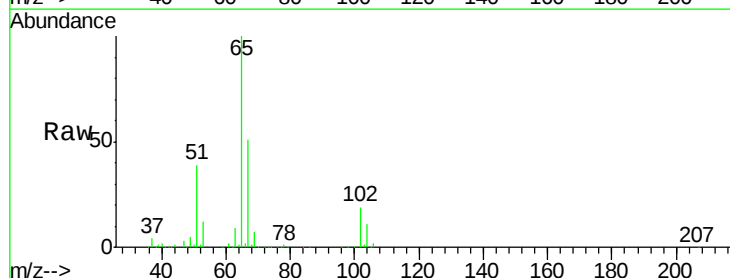
Acq: 12 Jun 2019 18:31

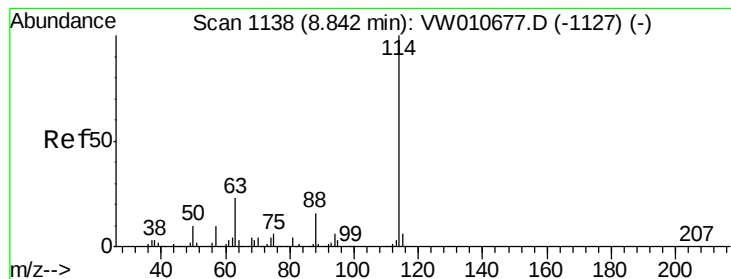
Tgt Ion: 65 Resp: 142583

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010785.D

Acq: 12 Jun 2019 18:31

Instrument :

MSVOA_W

ClientSampleId :

S2(0-5)

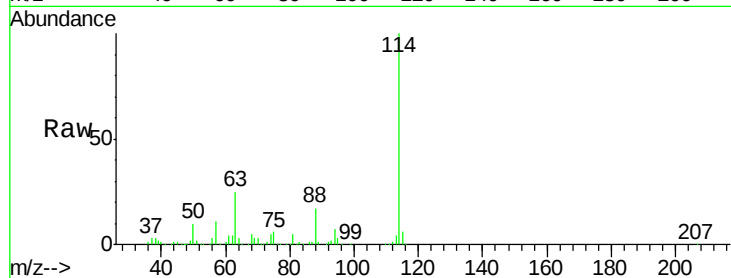
Tot Ion:114 Resp: 354476

Ion Ratio Lower Upper

114 100

63 25.0 0.0 46.4

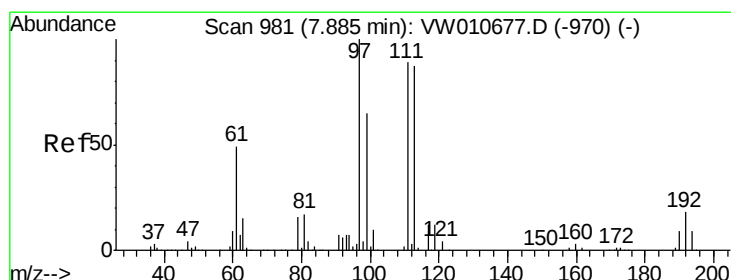
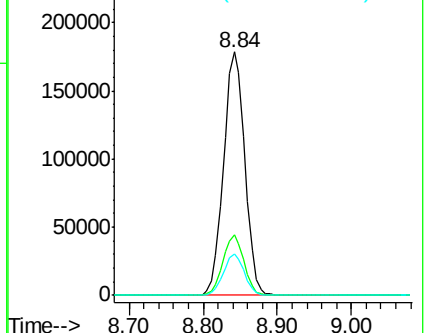
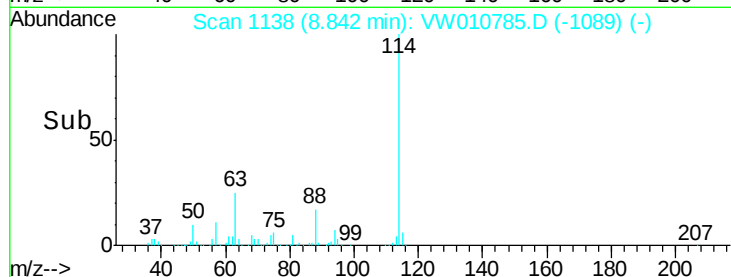
88 16.8 0.0 32.2



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: 30.536 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010785.D

Acq: 12 Jun 2019 18:31

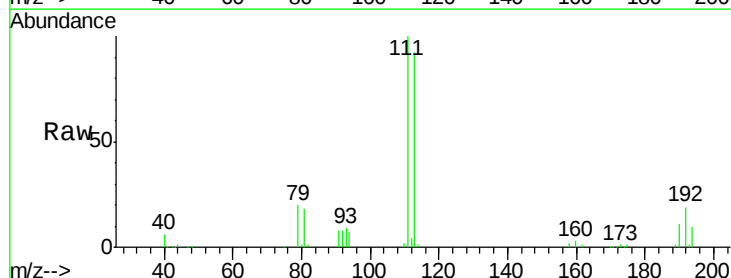
Tgt Ion:113 Resp: 58752

Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

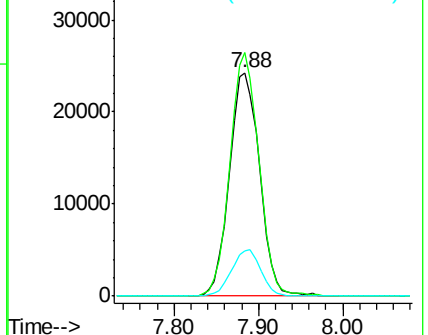
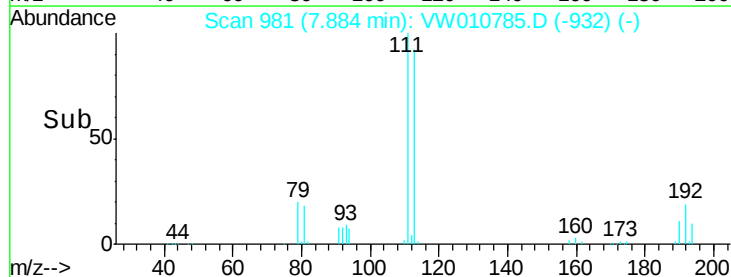
192 20.0 16.4 24.6

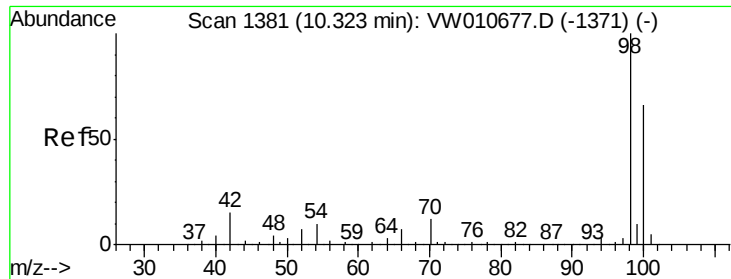


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

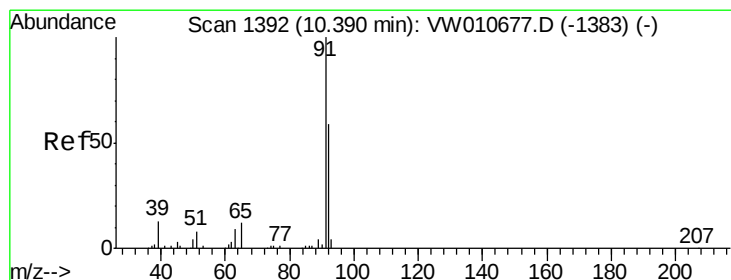
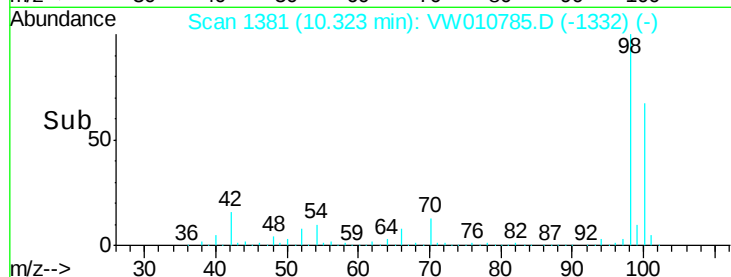
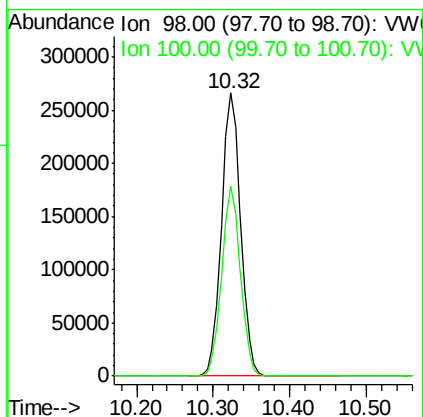
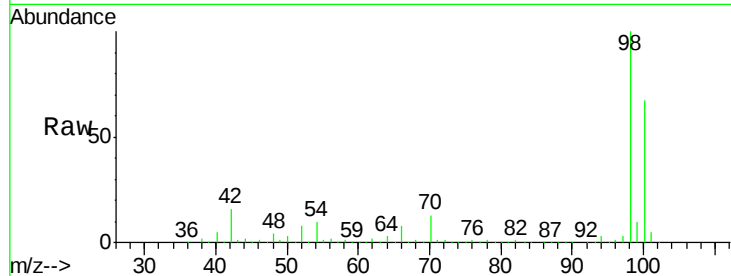




#50
Toluene-d8
Concen: 54.428 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010785.D
Acq: 12 Jun 2019 18:31

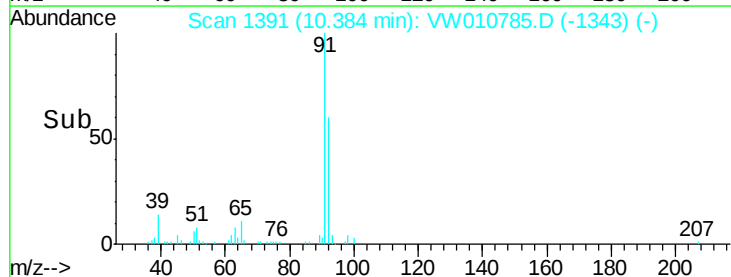
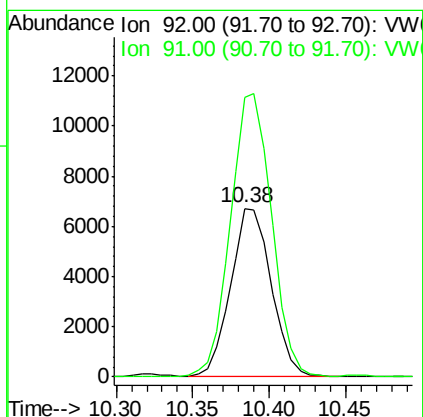
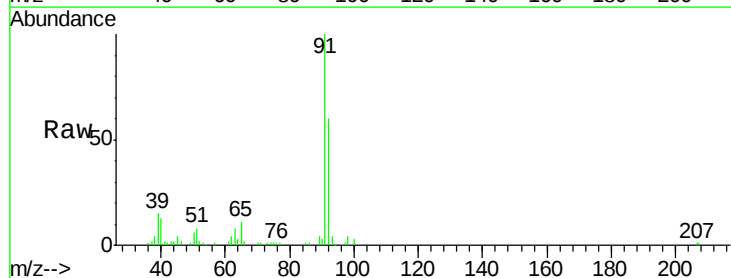
Instrument :
MSVOA_W
ClientSampled :
S2(0-5)

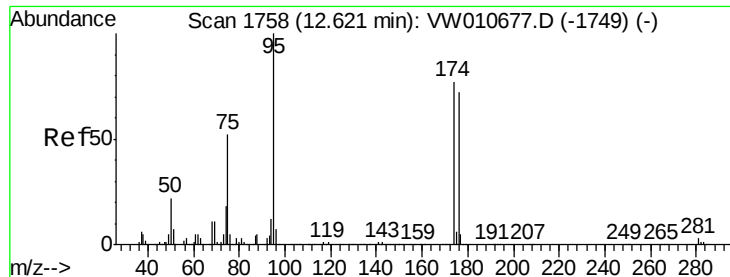
Tot Ion: 98 Resp: 459211
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



#52
Toluene
Concen: 2.041 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW010785.D
Acq: 12 Jun 2019 18:31

Tgt Ion: 92 Resp: 12428
Ion Ratio Lower Upper
92 100
91 169.0 134.9 202.3

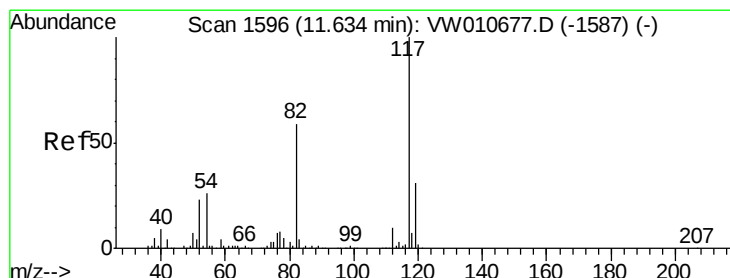
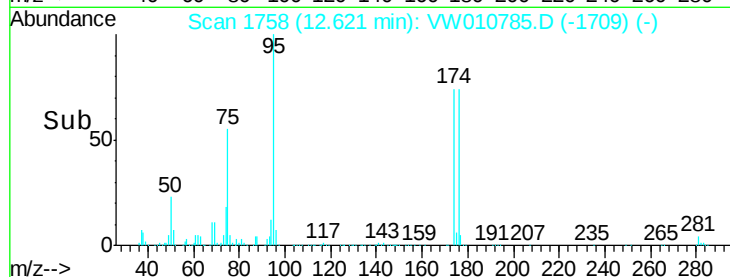
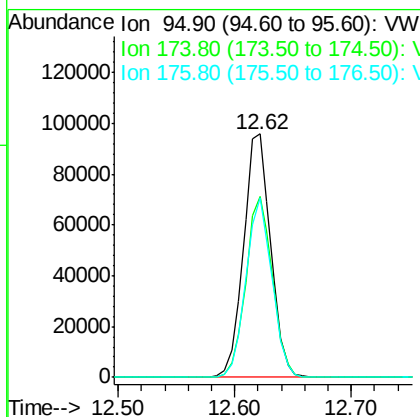
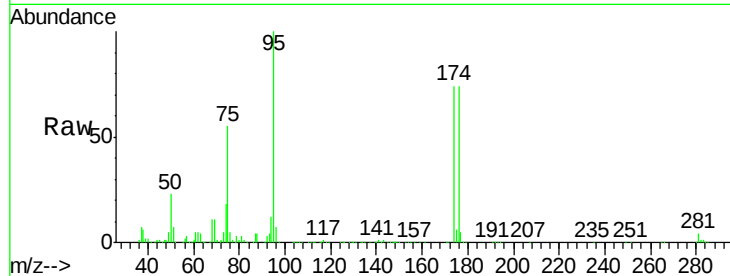




#62
4-Bromofluorobenzene
Concen: 50.672 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010785.D
Acq: 12 Jun 2019 18:31

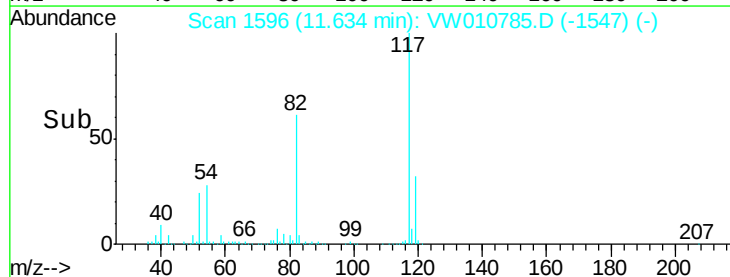
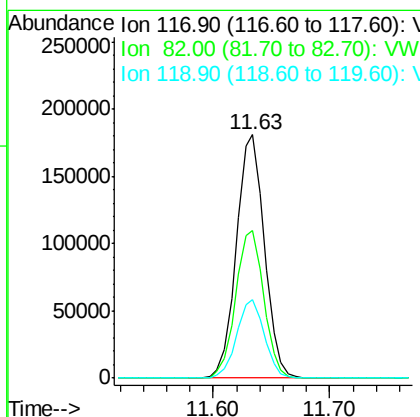
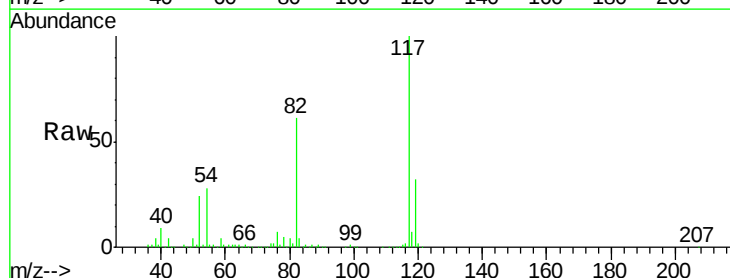
Instrument :
MSVOA_W
ClientSampleId :
S2(0-5)

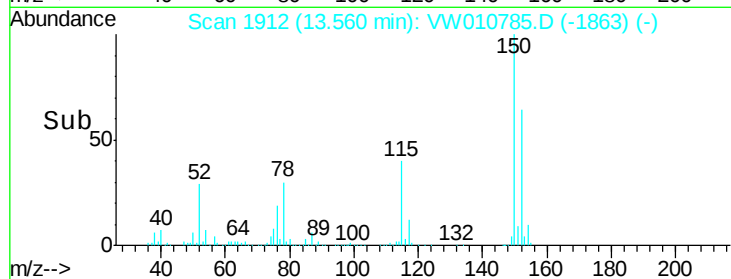
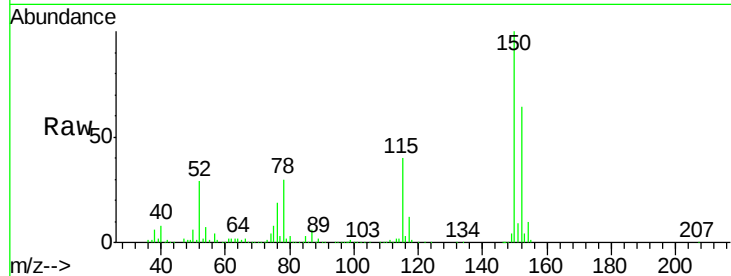
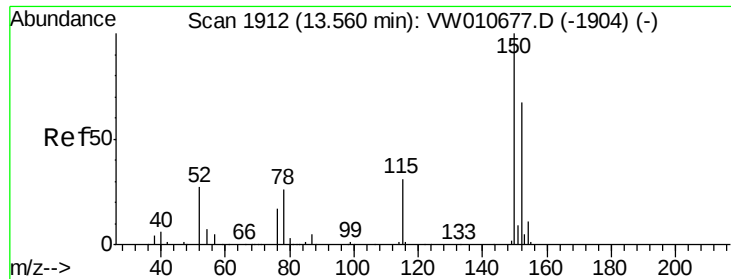
Tot Ion: 95 Resp: 155569
Ion Ratio Lower Upper
95 100
174 72.9 0.0 150.4
176 70.7 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010785.D
Acq: 12 Jun 2019 18:31

Tgt Ion: 117 Resp: 303655
Ion Ratio Lower Upper
117 100
82 60.8 47.0 70.4
119 32.2 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010785.D

Acq: 12 Jun 2019 18:31

Instrument :

MSVOA_W

ClientSampleId :

S2(0-5)

Tot Ion:152 Resp: 125148

Ion Ratio Lower Upper

152 100

115 61.1 29.8 89.3

150 158.4 0.0 345.0

