

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040419\
 Data File : VW009698.D
 Acq On : 04 Apr 2019 16:00
 Operator : SY/VA
 Sample : K2221-07
 Misc : 4.84G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S2B(10)

Quant Time: Apr 05 08:29:58 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

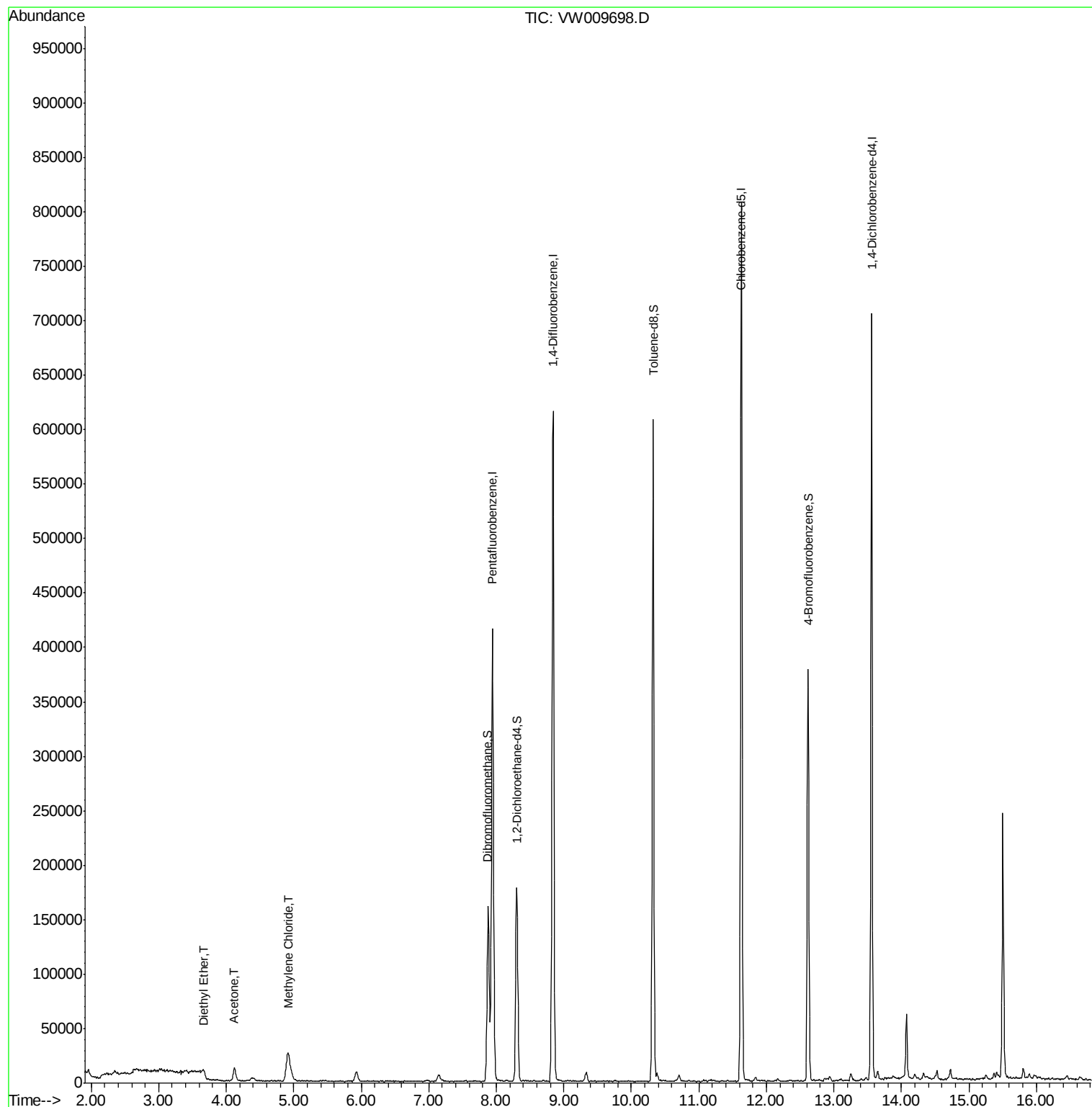
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	478171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	138894	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
35) Dibromofluoromethane	7.88	113	111575	37.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.30%	
50) Toluene-d8	10.32	98	369184	33.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.52%	
62) 4-Bromofluorobenzene	12.62	95	110337	26.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.28%	
Target Compounds						
8) Diethyl Ether	3.68	74	2402	1.634	ug/l	83
16) Acetone	4.12	43	21385	29.211	ug/l	91
20) Methylene Chloride	4.92	84	24796	5.155	ug/l	98

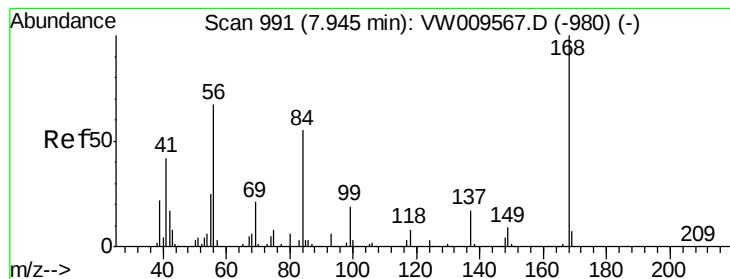
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009698.D

Acq: 04 Apr 2019 16:00

Instrument :

MSVOA_W

ClientSampleId :

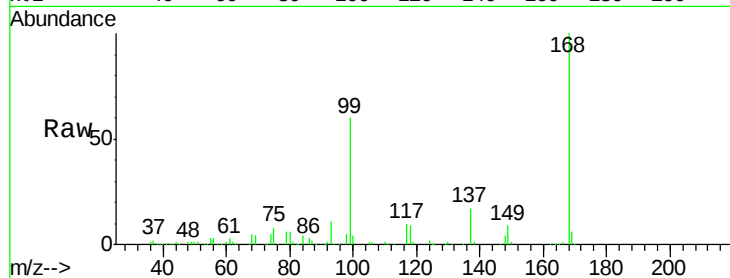
S2B(10)

Tot Ion:168 Resp: 284738

Ion Ratio Lower Upper

168 100

99 59.6 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

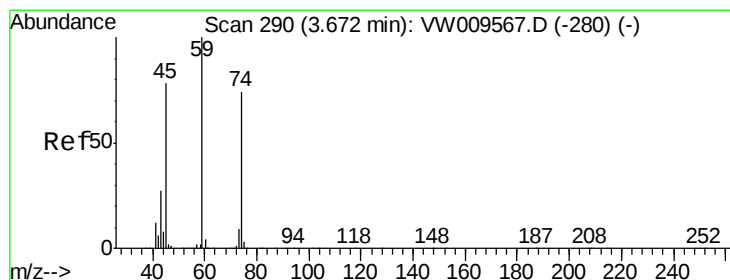
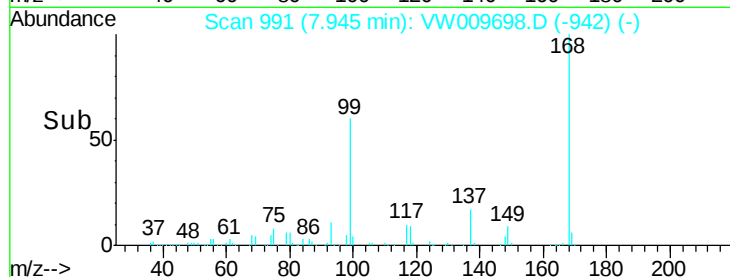
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#8

Diethyl Ether

Concen: 1.634 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VW009698.D

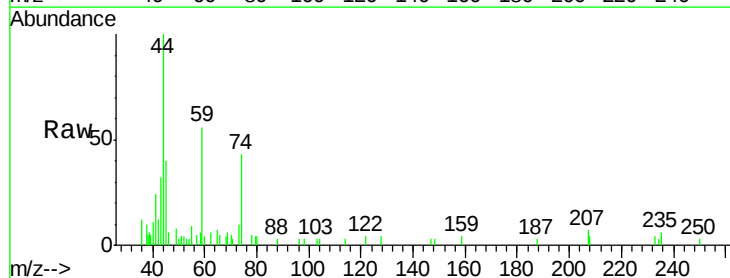
Acq: 04 Apr 2019 16:00

Tgt Ion: 74 Resp: 2402

Ion Ratio Lower Upper

74 100

45 117.9 50.6 151.9



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1200

1000

800

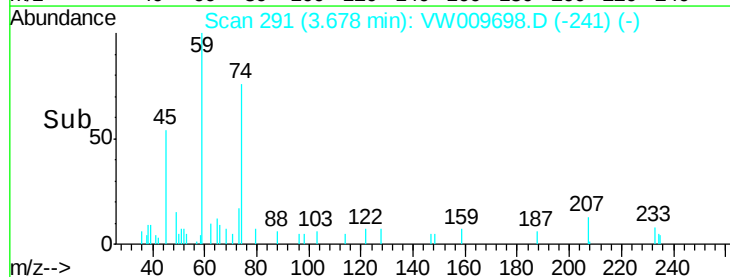
600

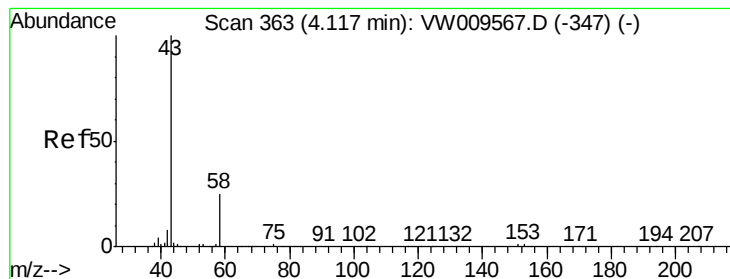
400

200

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 29.211 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009698.D

Acq: 04 Apr 2019 16:00

Instrument :

MSVOA_W

ClientSampleId :

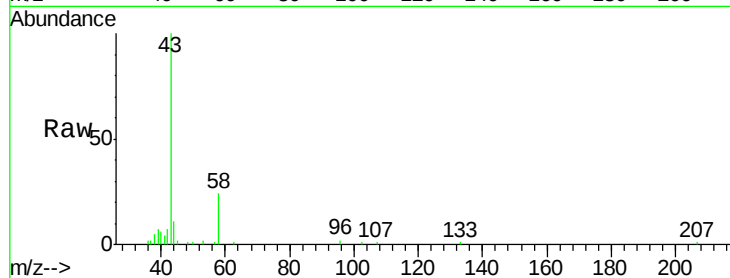
S2B(10)

Tot Ion: 43 Resp: 21385

Ion Ratio Lower Upper

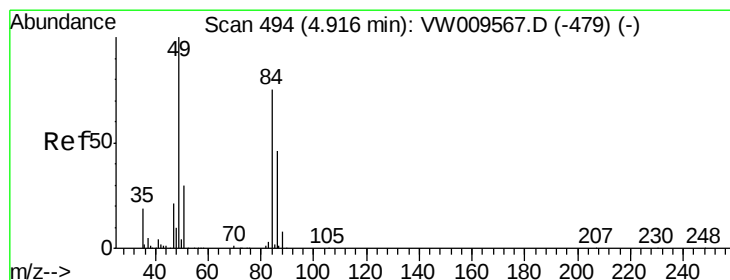
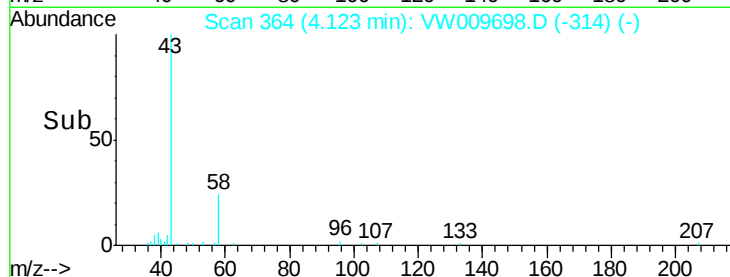
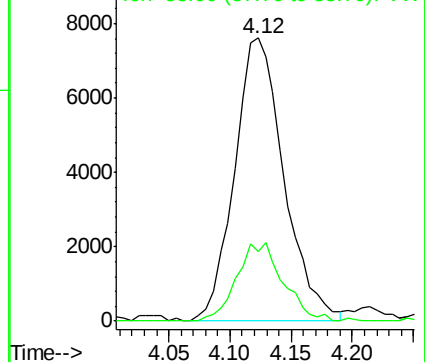
43 100

58 24.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 5.155 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009698.D

Acq: 04 Apr 2019 16:00

Tgt Ion: 84 Resp: 24796

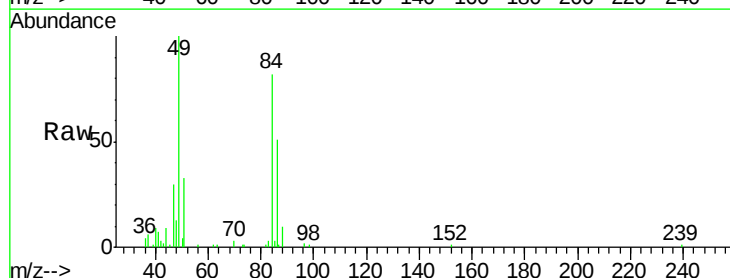
Ion Ratio Lower Upper

84 100

49 121.8 99.1 148.7

51 39.9 28.7 43.1

86 62.1 50.5 75.7

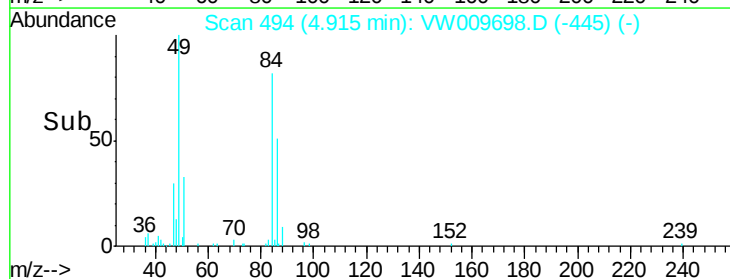
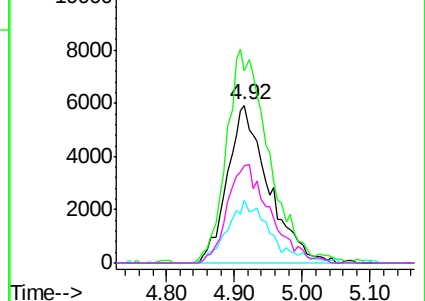


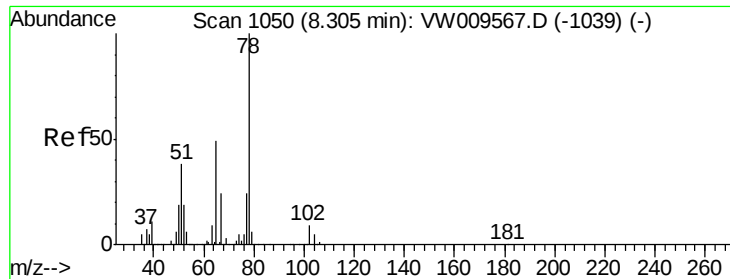
Abundance Ion 83.90 (83.60 to 84.60): VW

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

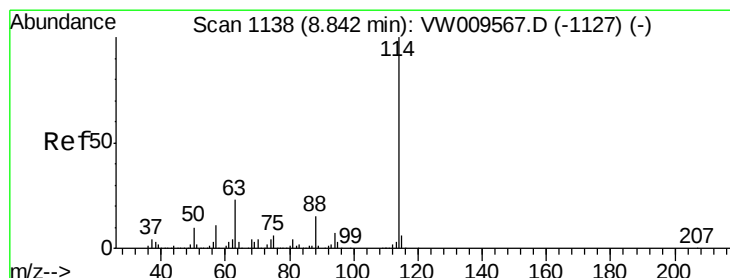
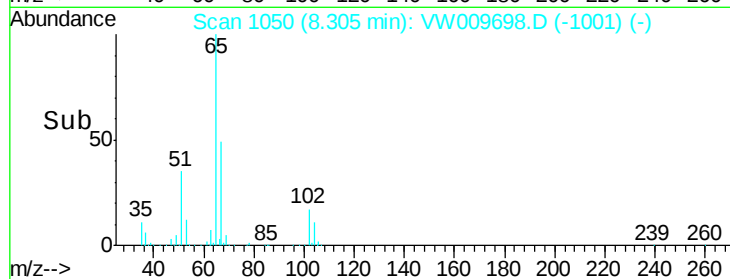
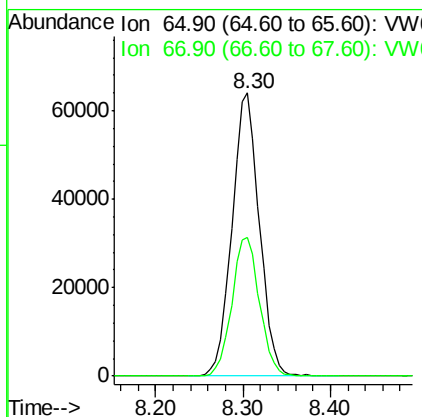
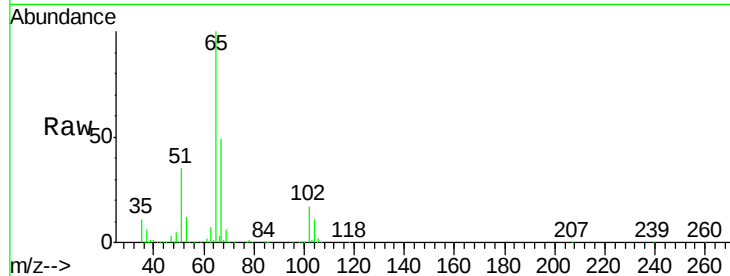




#33
 1,2-Dichloroethane-d4
 Concen: 42.657 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW009698.D
 Acq: 04 Apr 2019 16:00

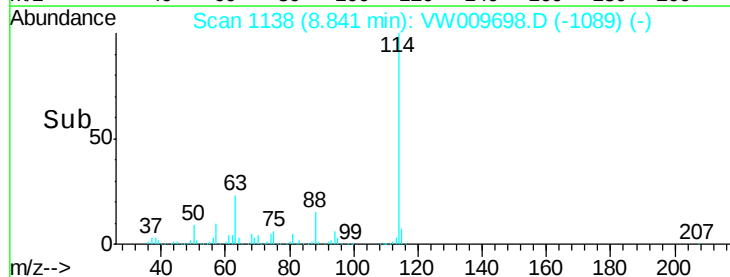
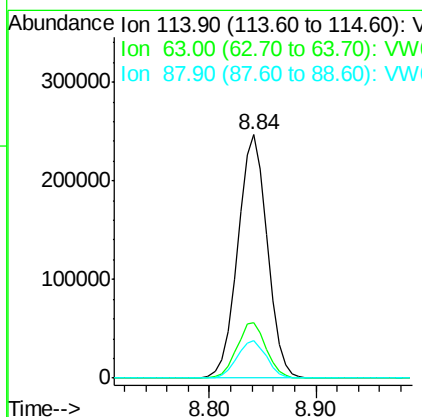
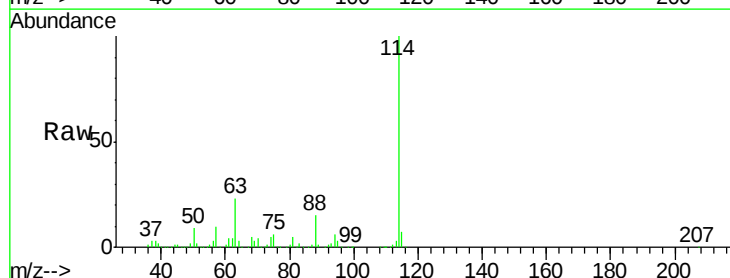
Instrument :
 MSVOA_W
 ClientSampleId :
 S2B(10)

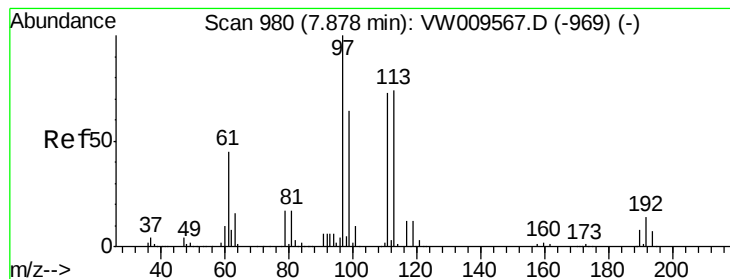
Tot Ion: 65 Resp: 138894
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009698.D
 Acq: 04 Apr 2019 16:00

Tgt Ion: 114 Resp: 478171
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 42.2
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 37.151 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW009698.D

Acq: 04 Apr 2019 16:00

Instrument :

MSVOA_W

ClientSampleId :

S2B(10)

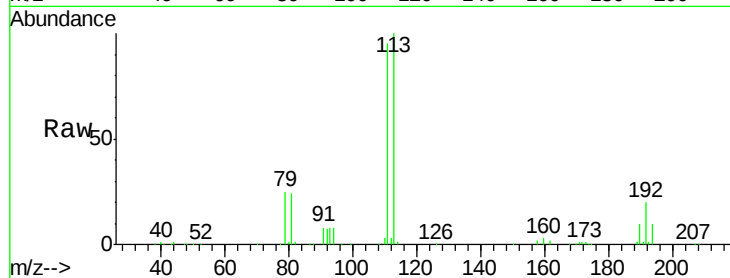
Tot Ion:113 Resp: 111575

Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

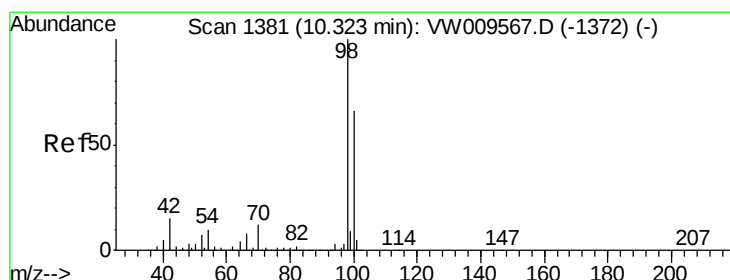
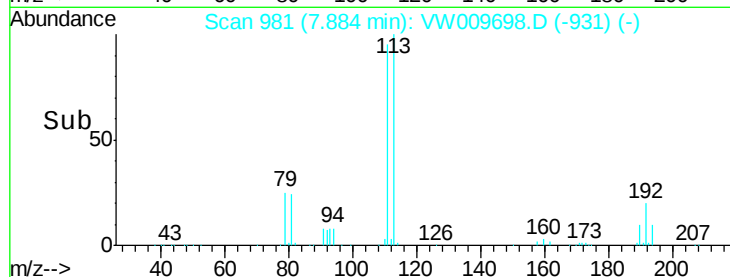
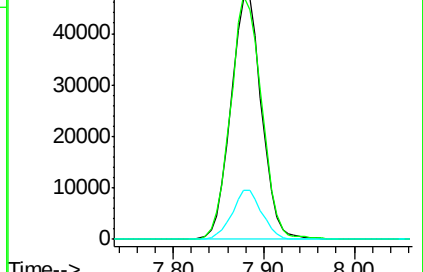
192 19.6 16.4 24.6



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: 33.258 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009698.D

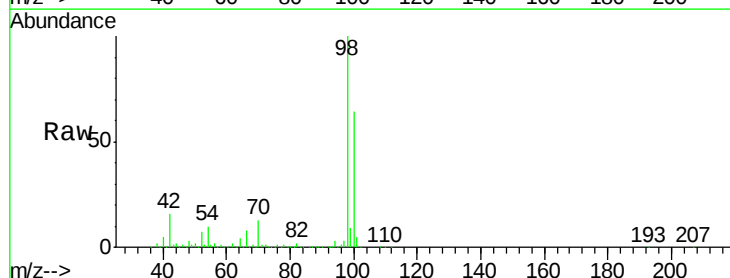
Acq: 04 Apr 2019 16:00

Tgt Ion: 98 Resp: 369184

Ion Ratio Lower Upper

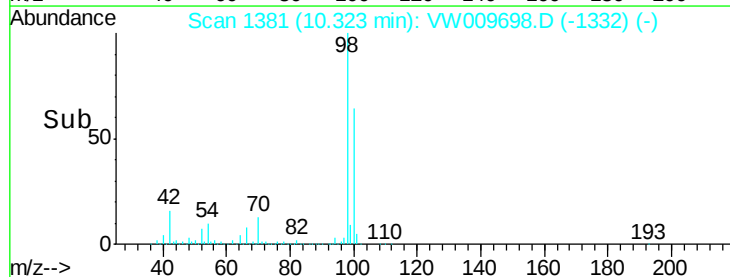
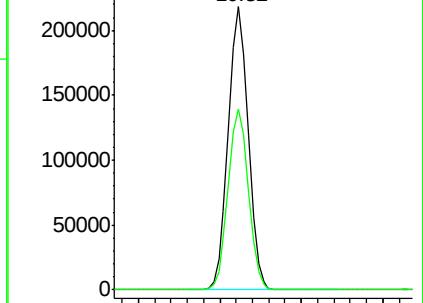
98 100

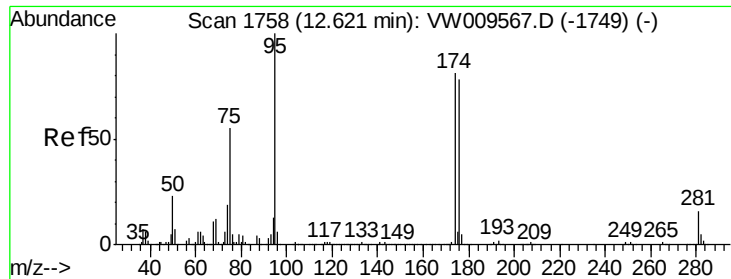
100 64.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

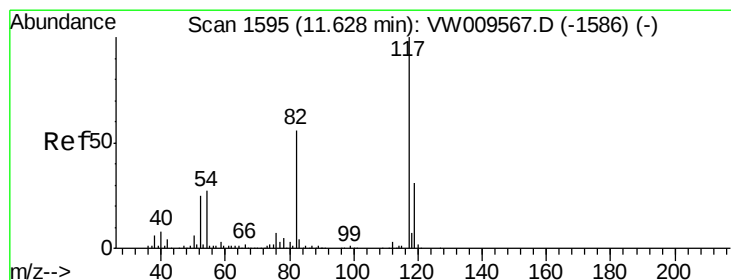
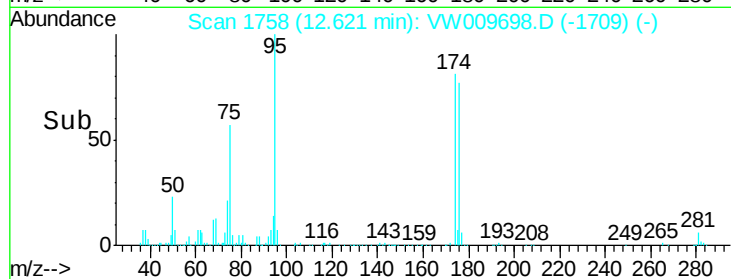
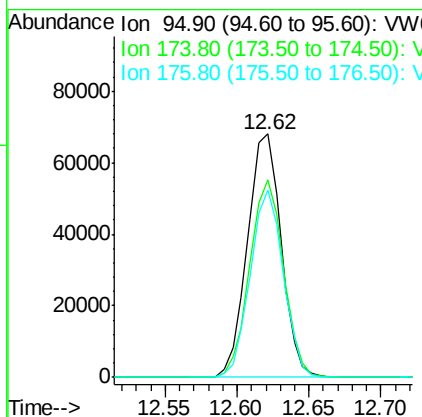
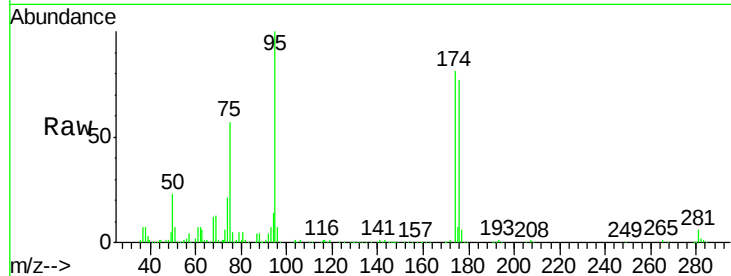




#62
4-Bromofluorobenzene
Concen: 26.644 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW009698.D
Acq: 04 Apr 2019 16:00

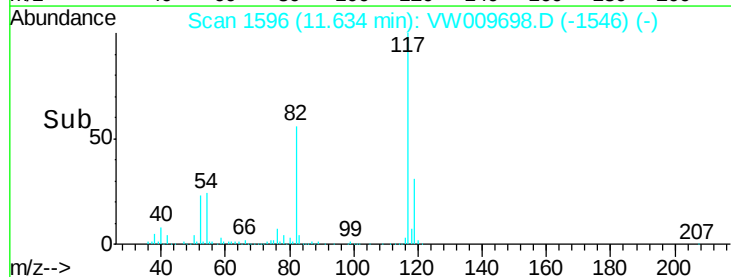
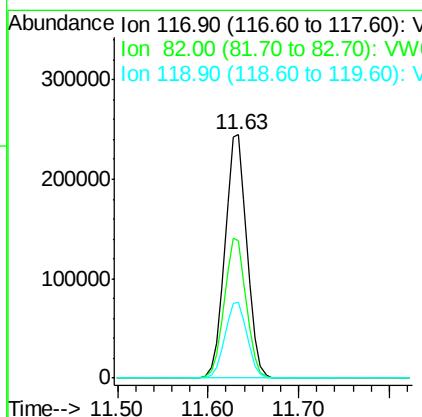
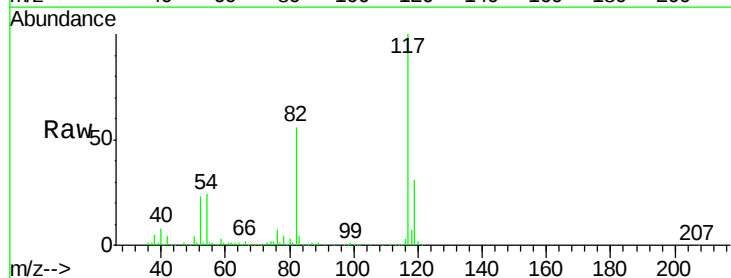
Instrument :
MSVOA_W
ClientSampleId :
S2B(10)

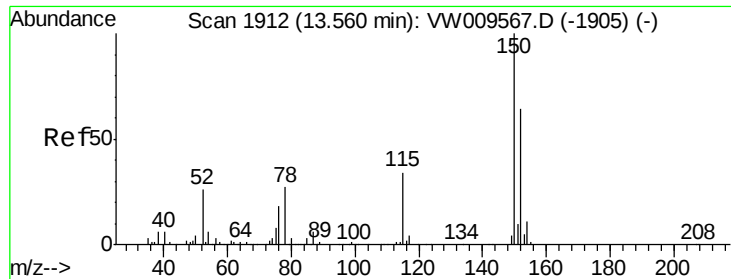
Tot Ion: 95 Resp: 110337
Ion Ratio Lower Upper
95 100
174 81.0 0.0 168.4
176 75.1 0.0 161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009698.D
Acq: 04 Apr 2019 16:00

Tgt Ion: 117 Resp: 414860
Ion Ratio Lower Upper
117 100
82 56.4 43.6 65.4
119 31.4 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: VW009698.D

Acq: 04 Apr 2019 16:00

Instrument :

MSVOA_W

ClientSampleId :

S2B(10)

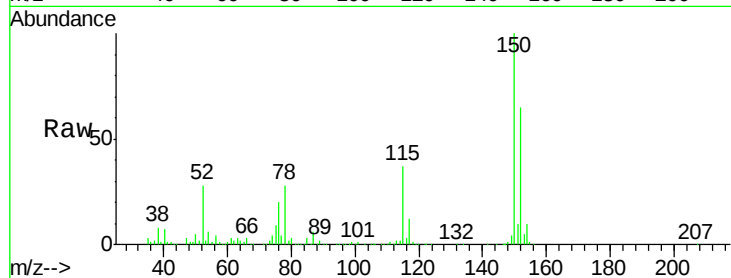
Tot Ion:152 Resp: 161735

Ion Ratio Lower Upper

152 100

115 59.0 29.6 88.8

150 158.8 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

