

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009616.D
 Acq On : 31 Mar 2019 17:42
 Operator : SY/VA
 Sample : K2138-11
 Misc : 5.06G/5.0ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S6A(10)

Quant Time: Apr 01 05:43:02 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

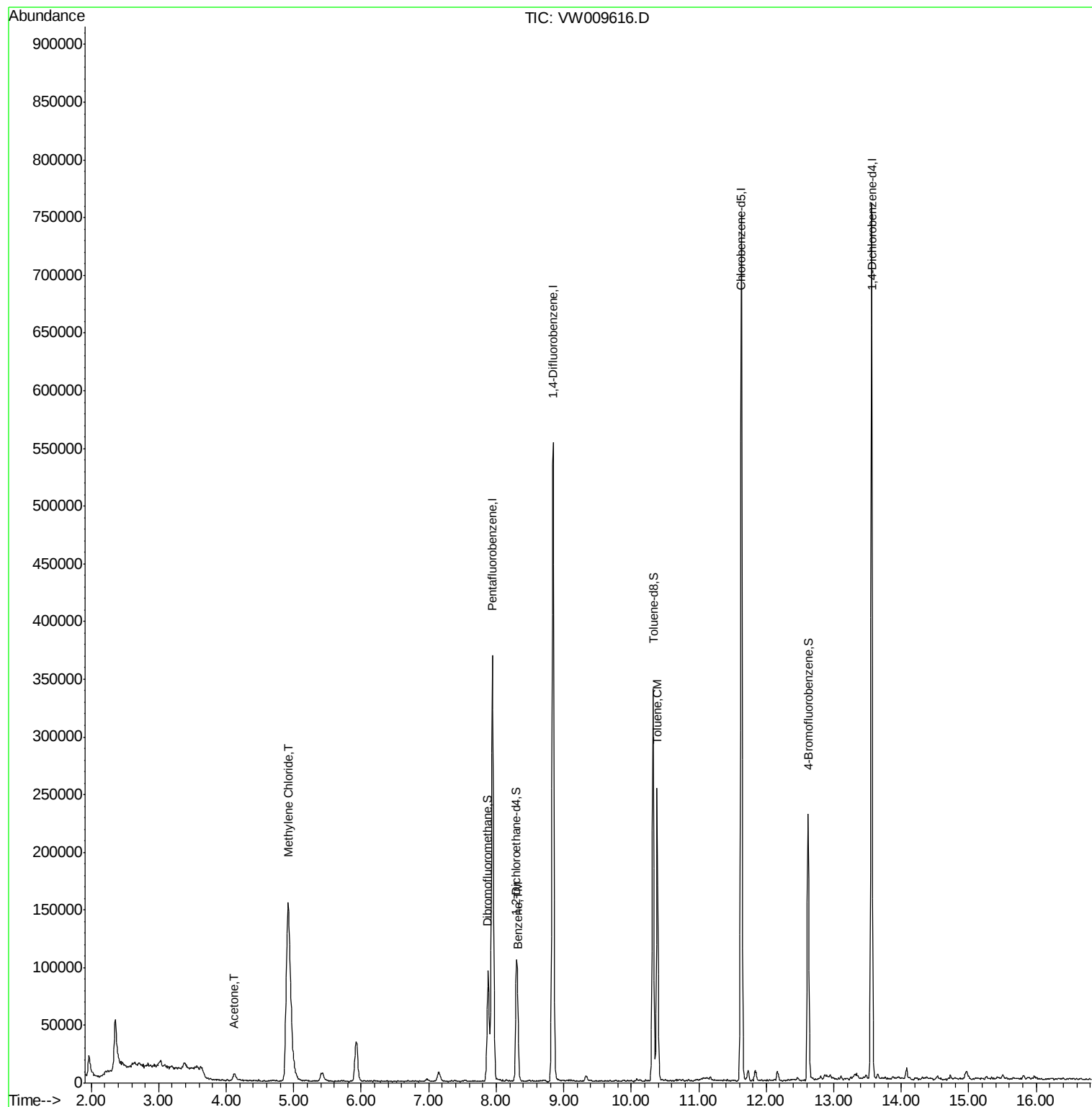
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	78089	26.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.24%	
35) Dibromofluoromethane	7.88	113	62560	23.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.54%	
50) Toluene-d8	10.32	98	212902	21.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.86%	
62) 4-Bromofluorobenzene	12.62	95	68244	18.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.82%	
Target Compounds						
16) Acetone	4.12	43	12576	19.070	ug/l #	81
20) Methylene Chloride	4.92	84	157279	61.699	ug/l	92
40) Benzene	8.32	78	14396	1.201	ug/l	94
52) Toluene	10.38	92	99256	13.218	ug/l	100

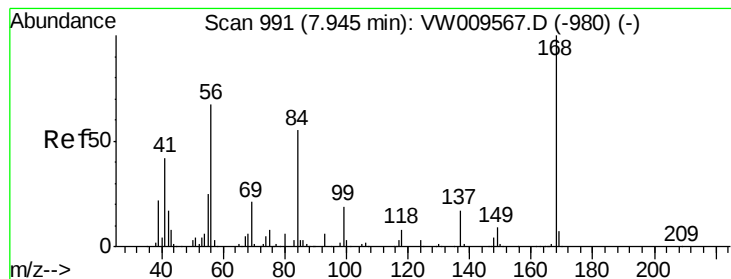
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009616.D

Acq: 31 Mar 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

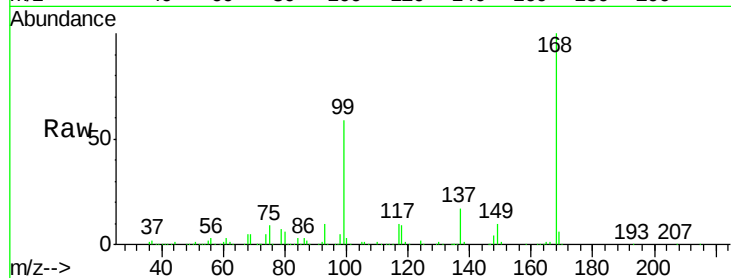
S6A(10)

Tot Ion:168 Resp: 256496

Ion Ratio Lower Upper

168 100

99 58.6 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

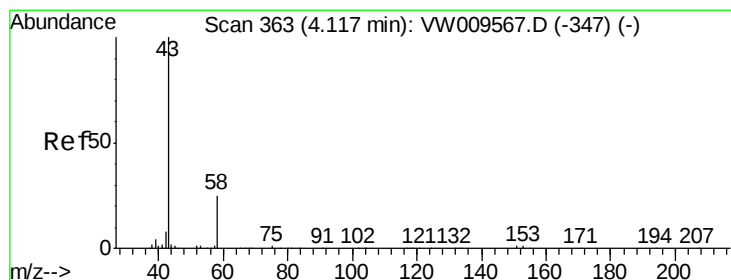
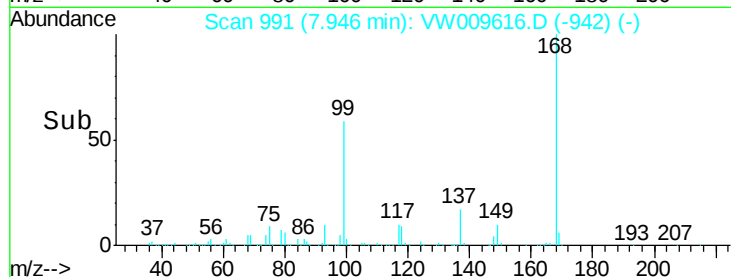
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 19.070 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009616.D

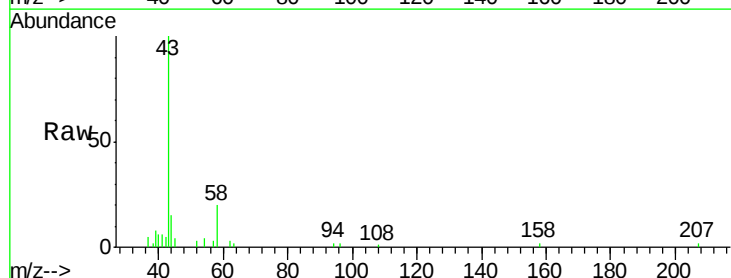
Acq: 31 Mar 2019 17:42

Tgt Ion: 43 Resp: 12576

Ion Ratio Lower Upper

43 100

58 19.5 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

4000

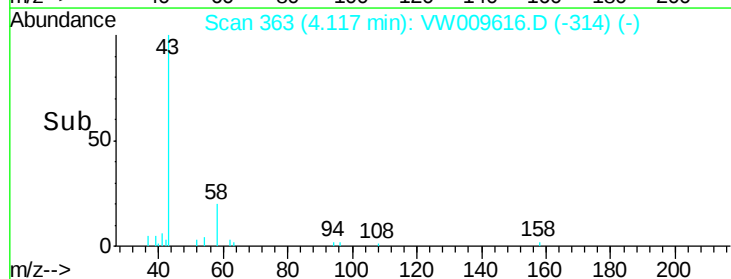
3000

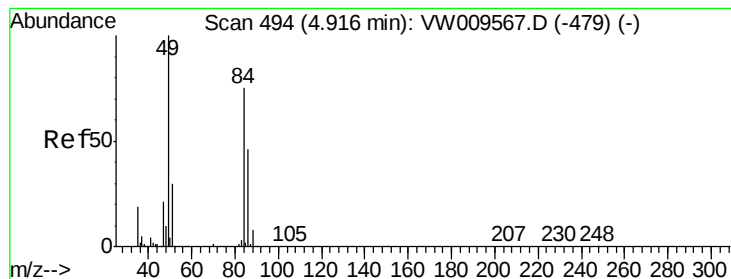
2000

1000

0

Time--> 4.00 4.10 4.20





#20

Methylene Chloride

Concen: 61.699 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009616.D

Acq: 31 Mar 2019 17:42

Instrument :

MSVOA_W

ClientSampled :

S6A(10)

Tot Ion: 84 Resp: 157279

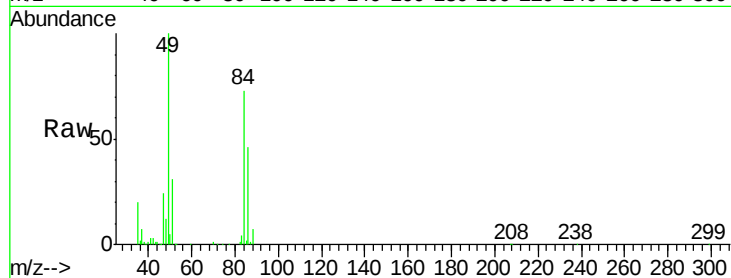
Ion Ratio Lower Upper

84 100

49 136.6 99.1 148.7

51 42.0 28.7 43.1

86 62.7 50.5 75.7

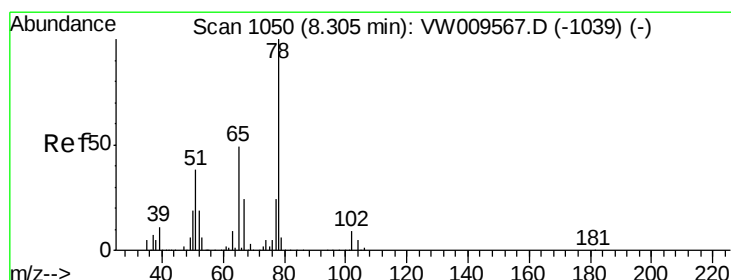
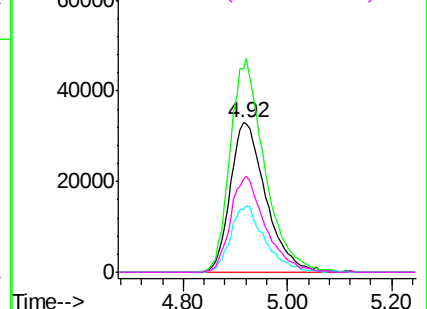
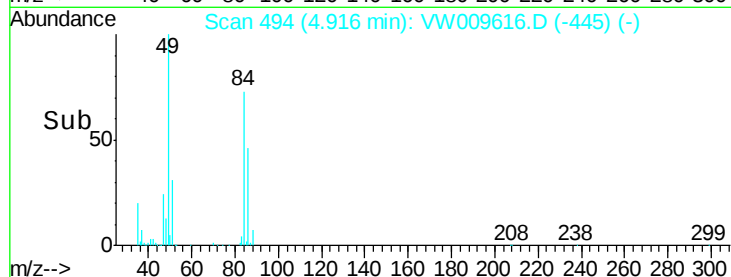


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 26.623 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009616.D

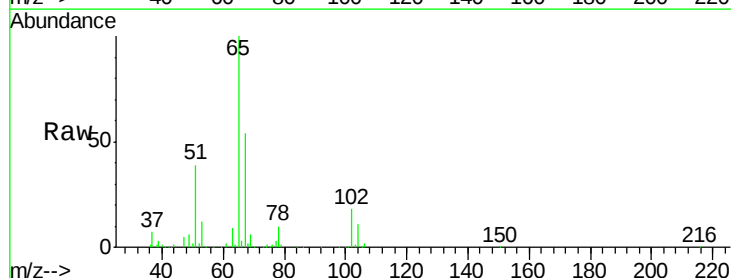
Acq: 31 Mar 2019 17:42

Tgt Ion: 65 Resp: 78089

Ion Ratio Lower Upper

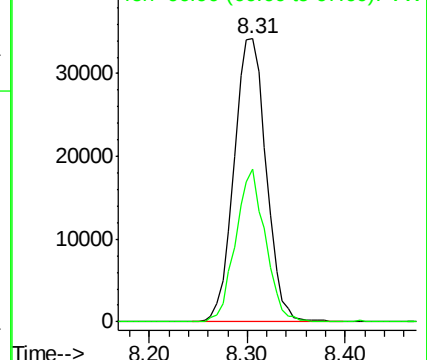
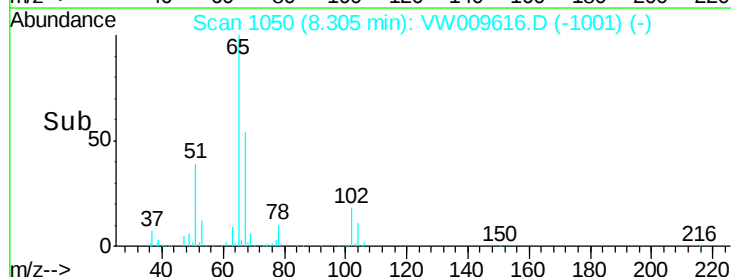
65 100

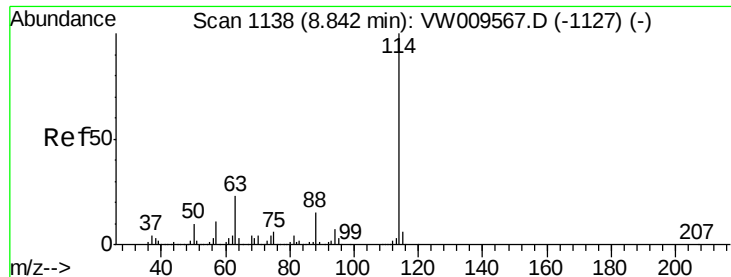
67 49.9 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

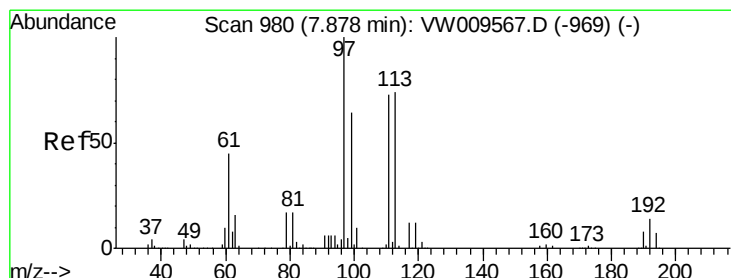
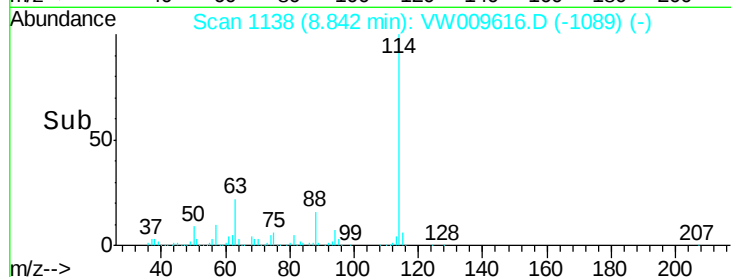
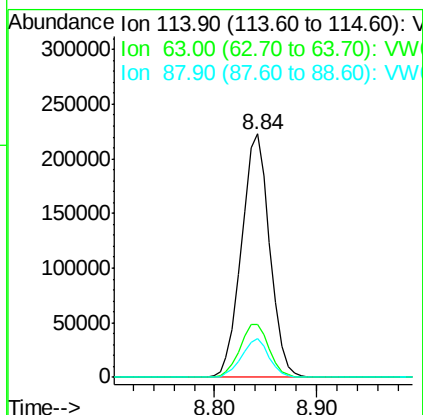
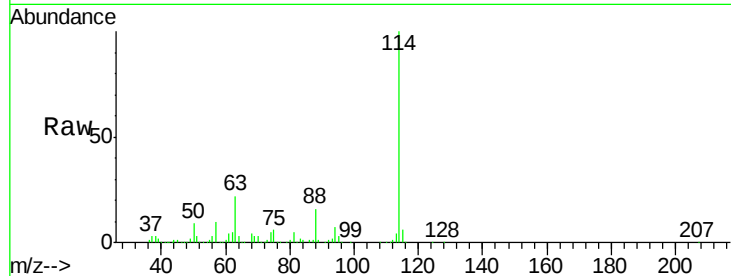




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009616.D
Acq: 31 Mar 2019 17:42

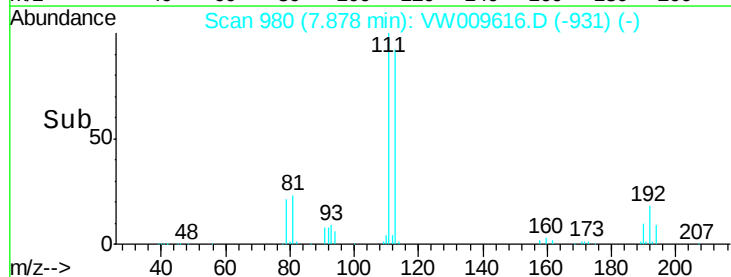
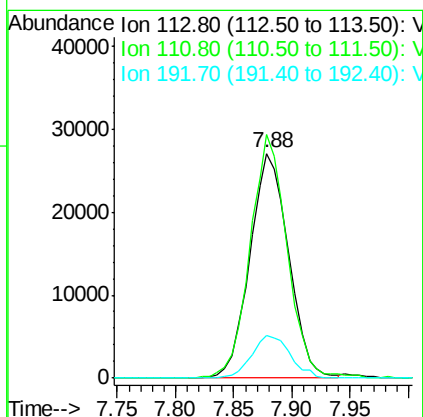
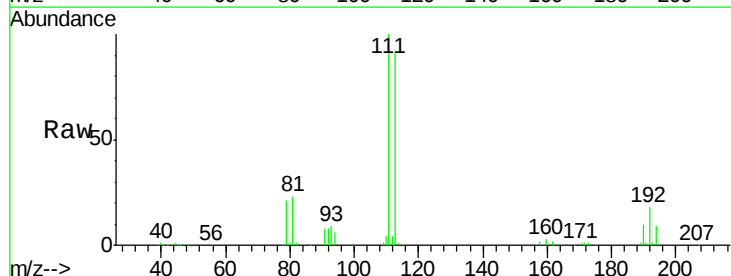
Instrument :
MSVOA_W
ClientSampled :
S6A(10)

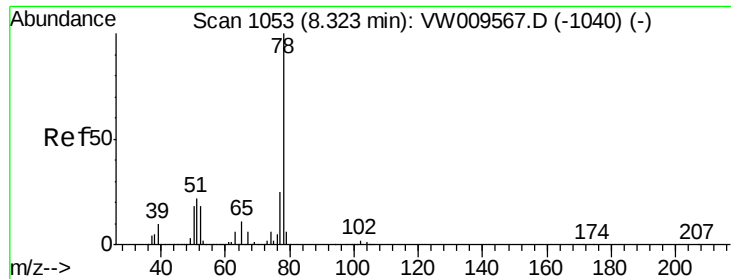
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	42.2
88	16.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 23.272 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW009616.D
Acq: 31 Mar 2019 17:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	124.0
192	19.2	16.4	24.6





#40

Benzene

Concen: 1.201 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW009616.D

Acq: 31 Mar 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

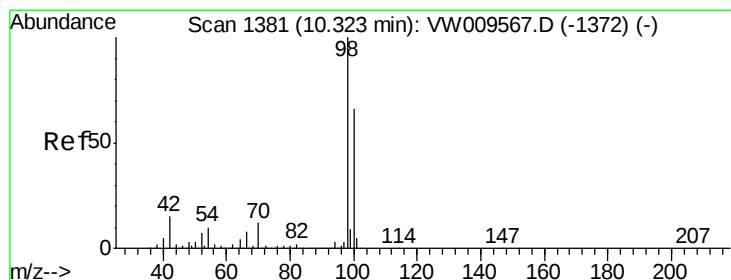
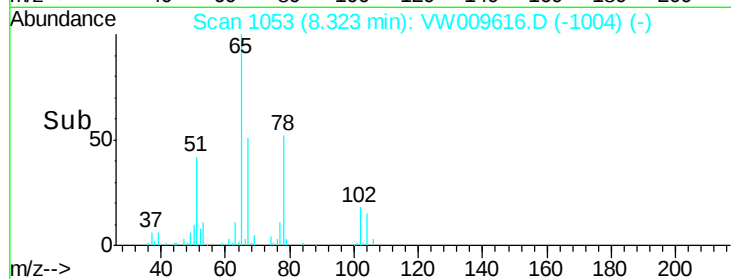
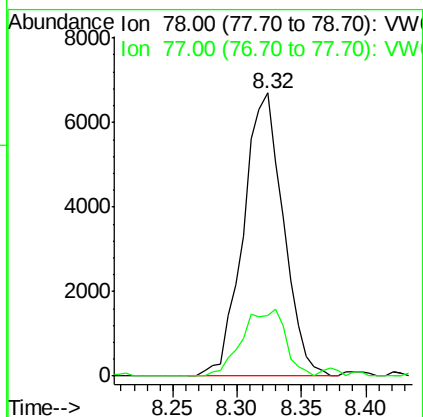
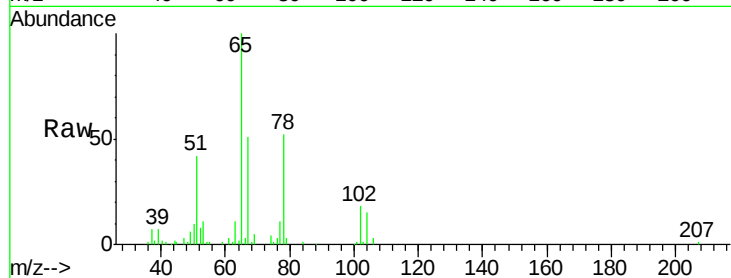
S6A(10)

Tot Ion: 78 Resp: 14396

Ion Ratio Lower Upper

78 100

77 21.6 19.8 29.6



#50

Toluene-d8

Concen: 21.428 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009616.D

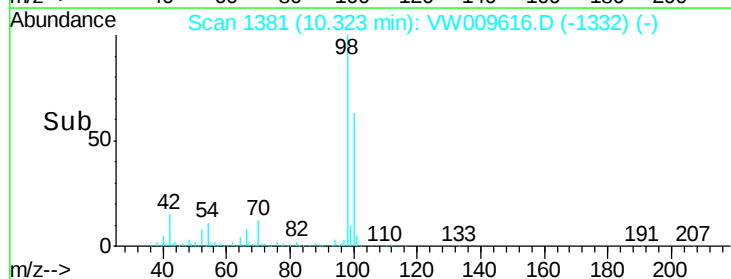
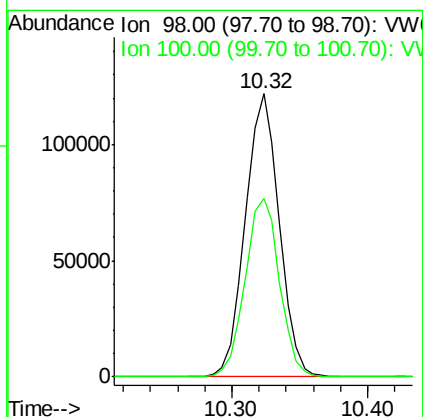
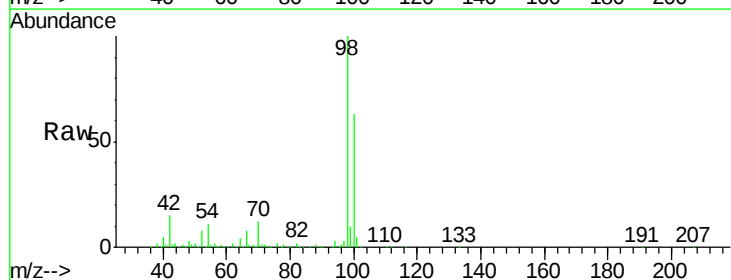
Acq: 31 Mar 2019 17:42

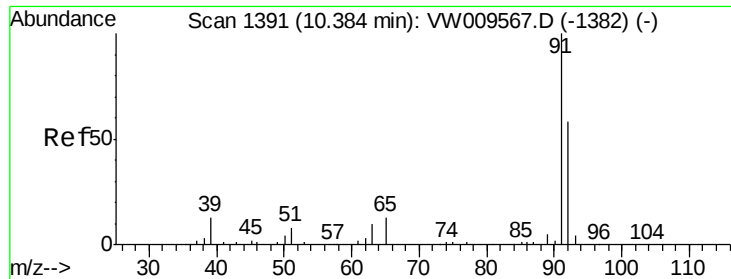
Tgt Ion: 98 Resp: 212902

Ion Ratio Lower Upper

98 100

100 63.9 52.6 79.0





#52

Toluene

Concen: 13.218 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009616.D

Acq: 31 Mar 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

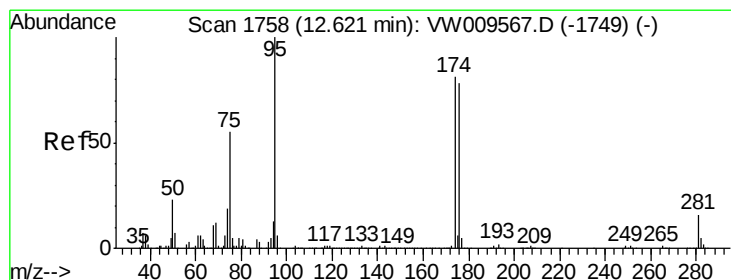
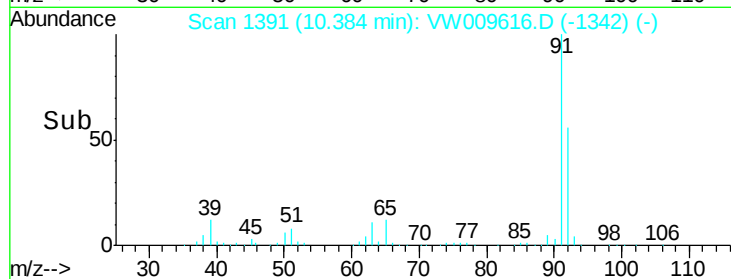
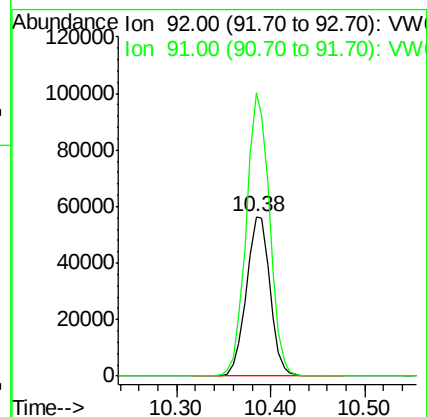
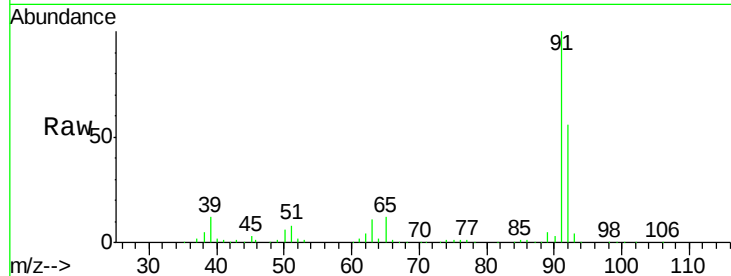
S6A(10)

Tot Ion: 92 Resp: 99256

Ion Ratio Lower Upper

92 100

91 174.9 140.1 210.1



#62

4-Bromofluorobenzene

Concen: 18.412 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009616.D

Acq: 31 Mar 2019 17:42

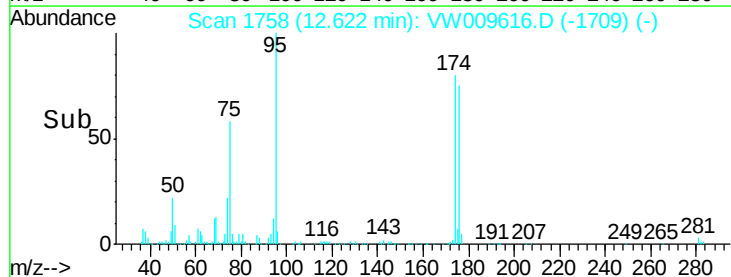
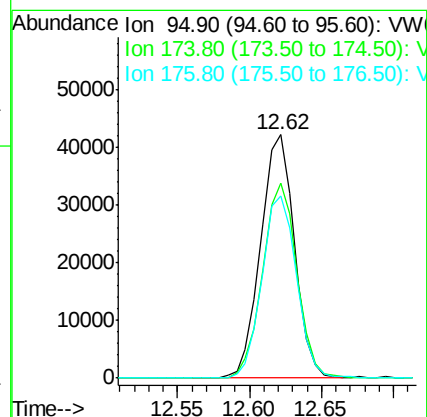
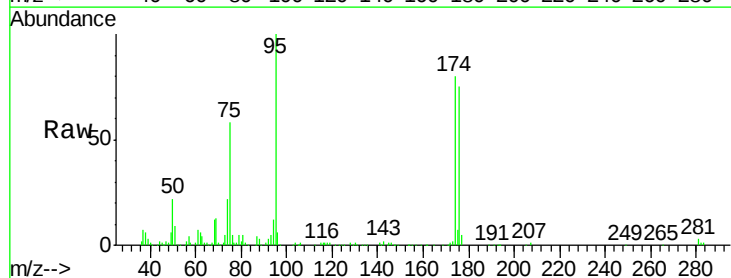
Tgt Ion: 95 Resp: 68244

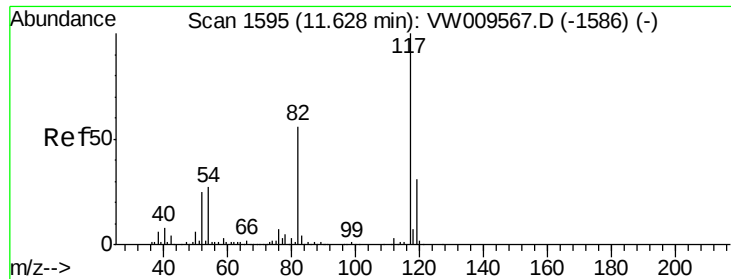
Ion Ratio Lower Upper

95 100

174 81.5 0.0 168.4

176 76.8 0.0 161.6

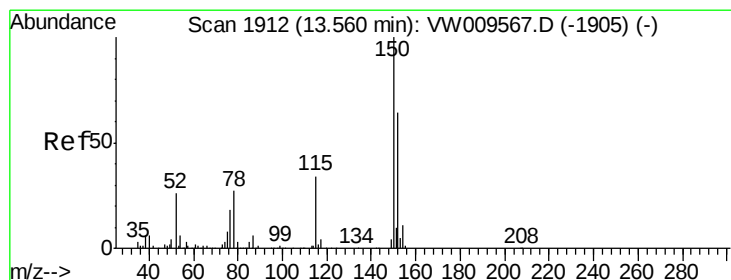
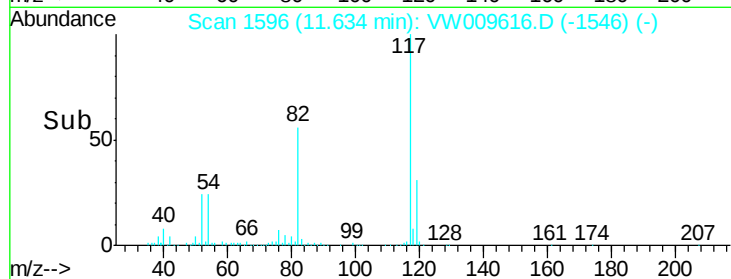
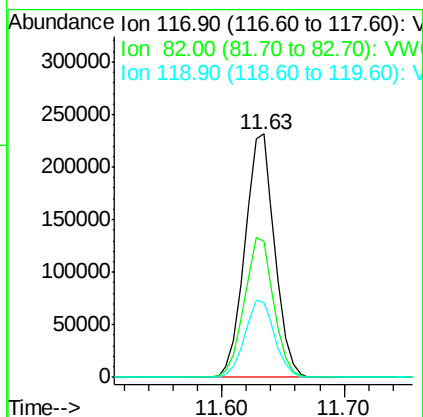
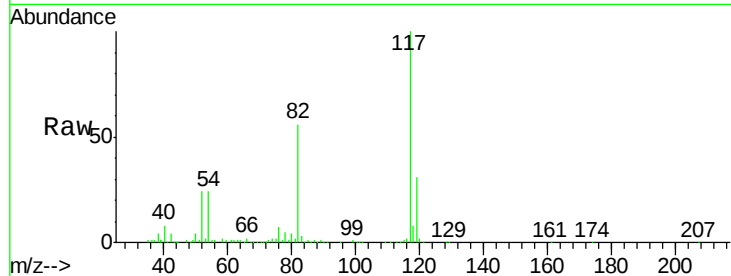




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009616.D
Acq: 31 Mar 2019 17:42

Instrument :
MSVOA_W
ClientSampleId :
S6A(10)

Tot Ion:117 Resp: 390468
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 30.8 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: VW009616.D
Acq: 31 Mar 2019 17:42

Tgt Ion:152 Resp: 176787
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 157.5 0.0 349.2

