

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010786.D
 Acq On : 12 Jun 2019 19:00
 Operator : SY/VA
 Sample : K3294-04RE
 Misc : 5.15G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S2(10-15)RE

Quant Time: Jun 25 08:00:54 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

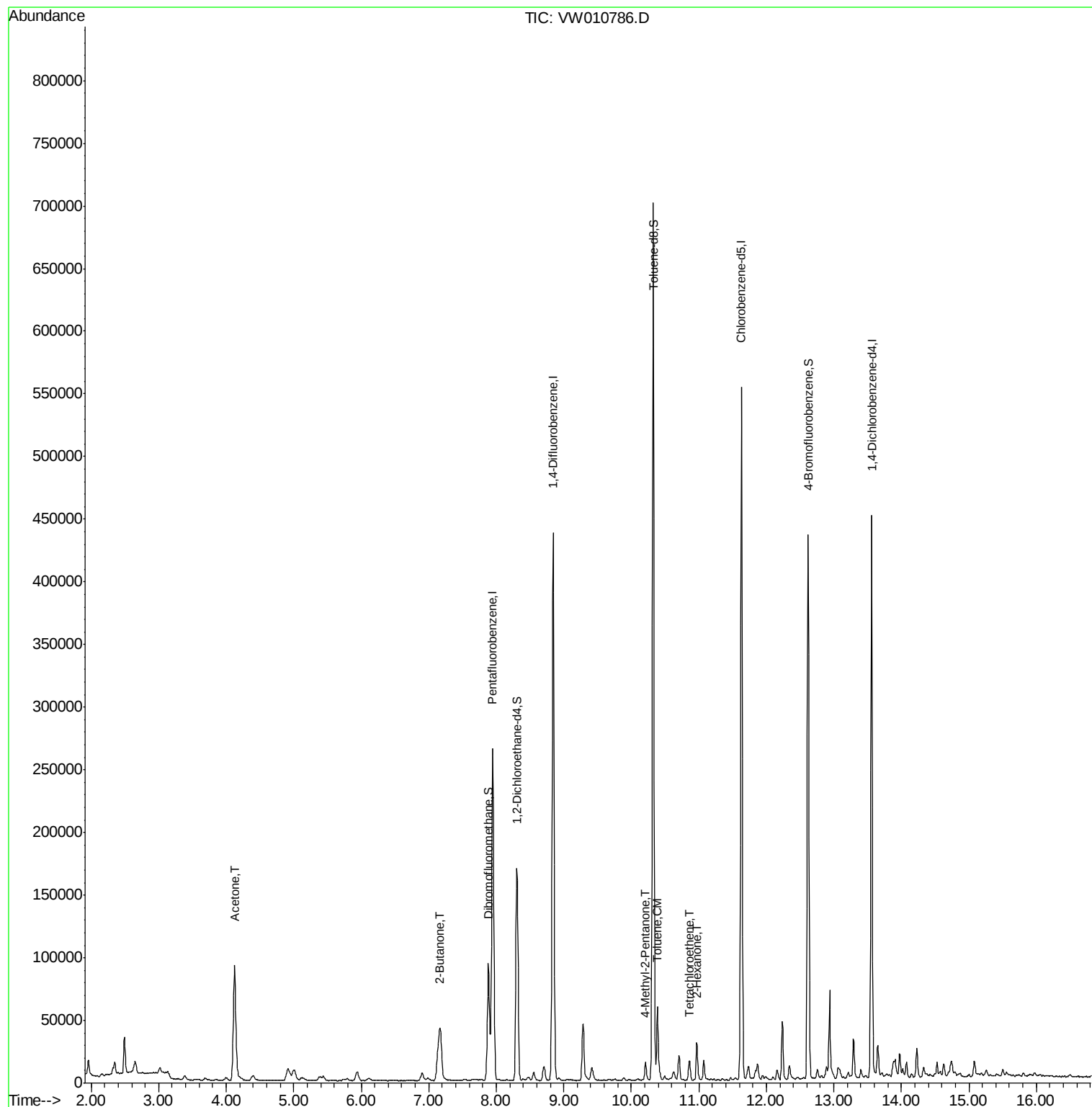
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	191750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137022	60.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.26%	
35) Dibromofluoromethane	7.88	113	64766	35.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.84%	
50) Toluene-d8	10.32	98	437072	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
62) 4-Bromofluorobenzene	12.62	95	141063	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
Target Compounds						
16) Acetone	4.12	43	161417	266.545	ug/l	99
25) 2-Butanone	7.17	43	61020	72.666	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	10864	5.761	ug/l	98
52) Toluene	10.39	92	23564	4.072	ug/l	100
59) 2-Hexanone	10.97	43	21703	15.924	ug/l	96
64) Tetrachloroethene	10.87	164	1990	1.051	ug/l	90

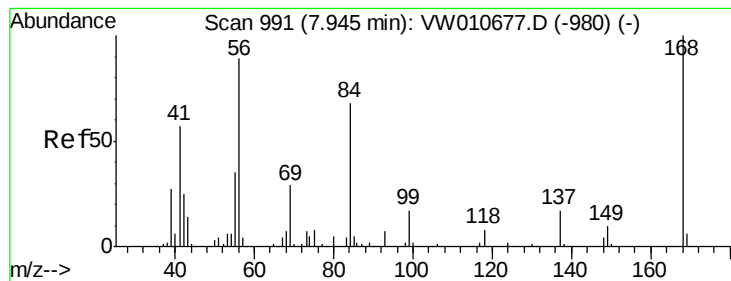
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010786.D

Acq: 12 Jun 2019 19:00

Instrument :

MSVOA_W

ClientSampleId :

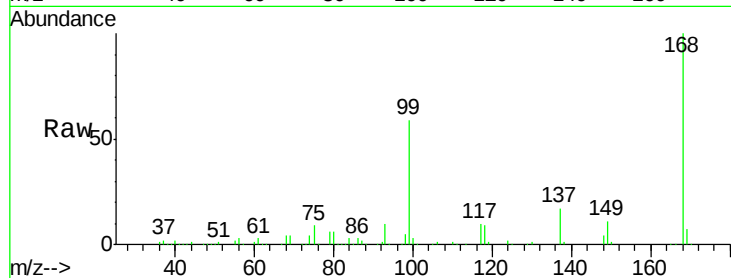
S2(10-15)RE

Tot Ion:168 Resp: 191750

Ion Ratio Lower Upper

168 100

99 58.8 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

80000

60000

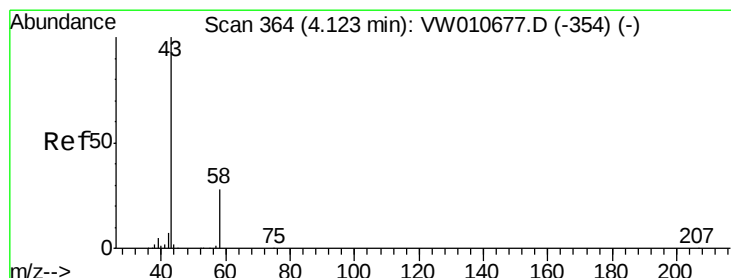
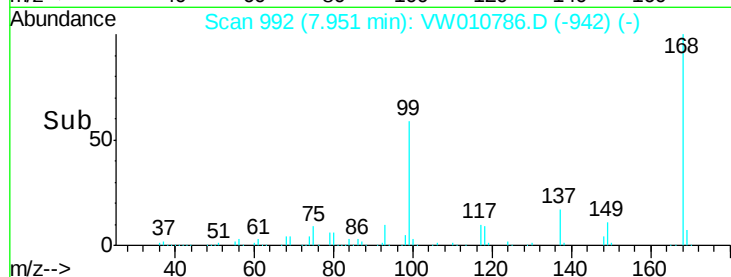
40000

20000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 266.545 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010786.D

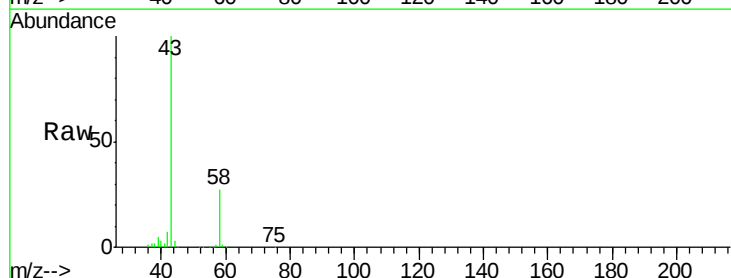
Acq: 12 Jun 2019 19:00

Tgt Ion: 43 Resp: 161417

Ion Ratio Lower Upper

43 100

58 27.2 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

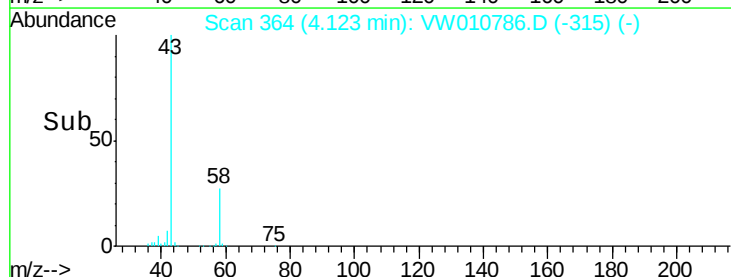
40000

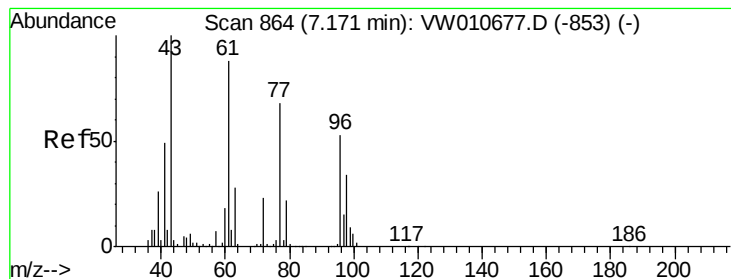
20000

0

Time-->

4.00 4.10 4.20 4.30





#25

2-Butanone

Concen: 72.666 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010786.D

Acq: 12 Jun 2019 19:00

Instrument :

MSVOA_W

ClientSampleId :

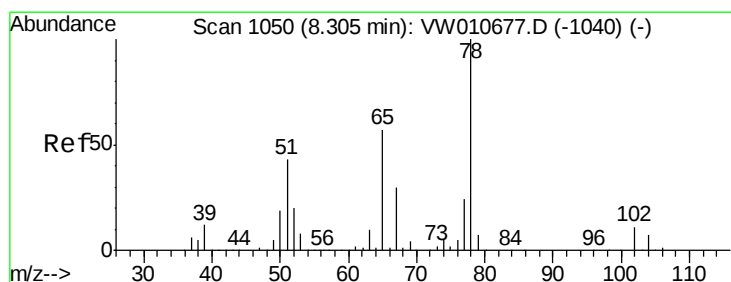
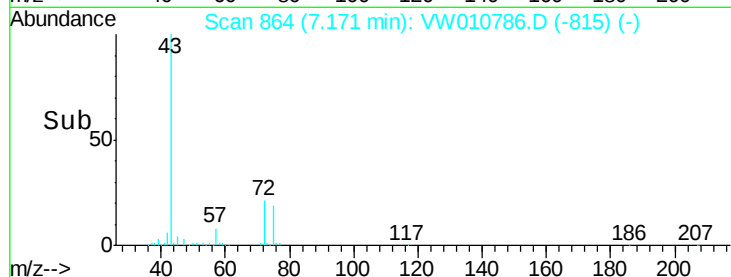
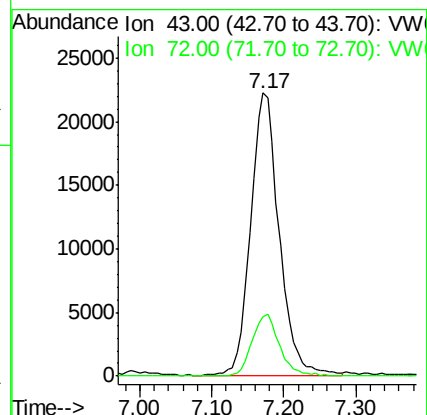
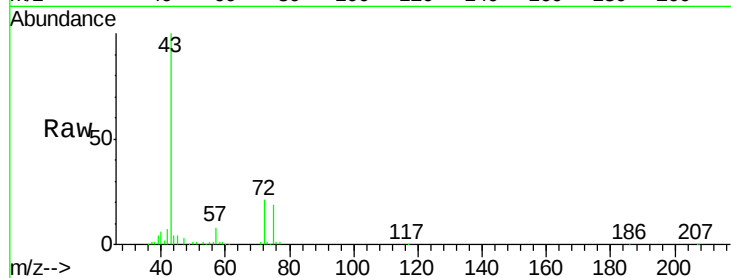
S2(10-15)RE

Tot Ion: 43 Resp: 61020

Ion Ratio Lower Upper

43 100

72 21.2 18.1 27.1



#33

1,2-Dichloroethane-d4

Concen: 60.627 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010786.D

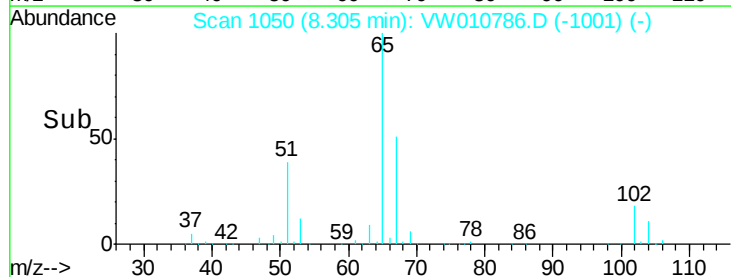
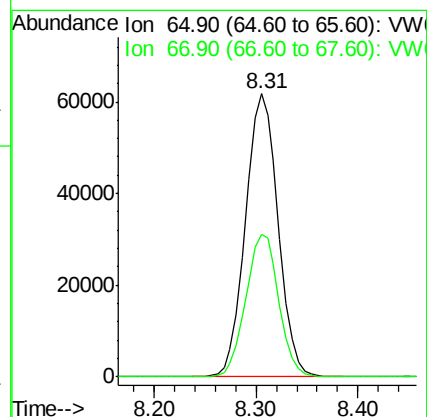
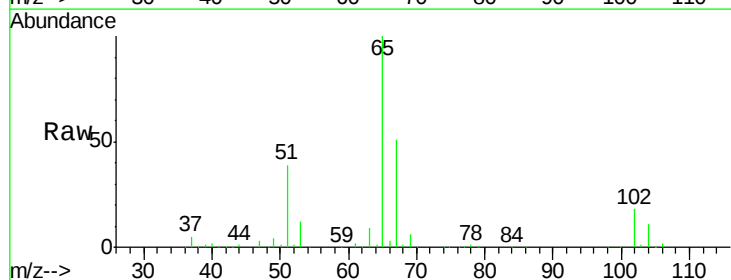
Acq: 12 Jun 2019 19:00

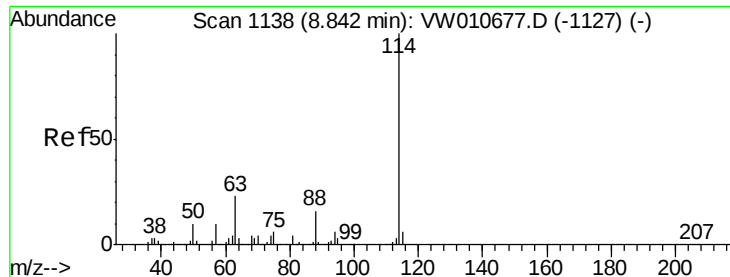
Tgt Ion: 65 Resp: 137022

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6

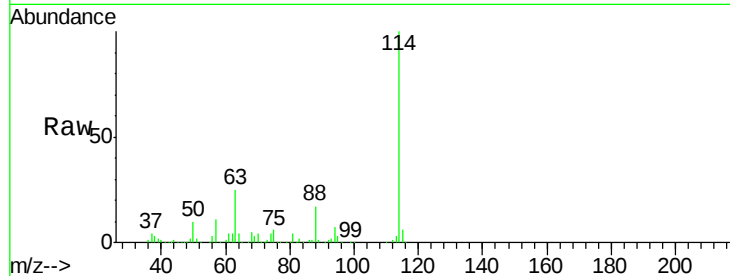




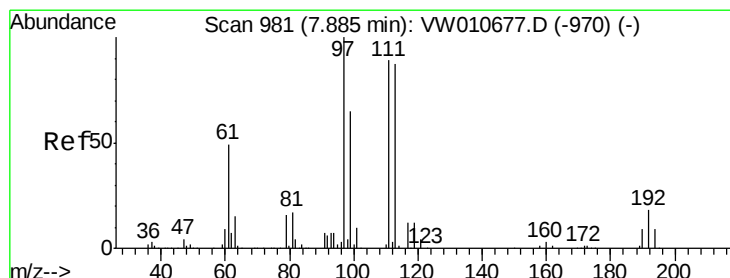
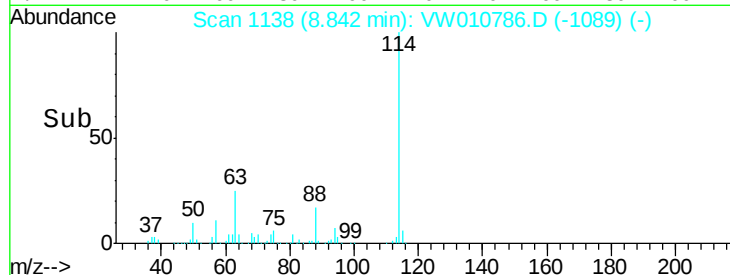
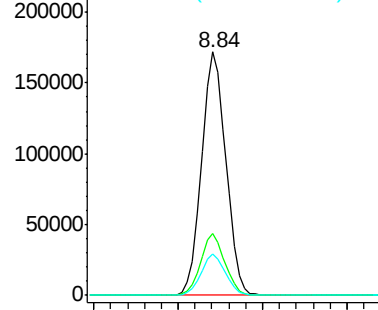
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010786.D
 Acq: 12 Jun 2019 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 S2(10-15)RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	46.4
88	16.9	0.0	32.2

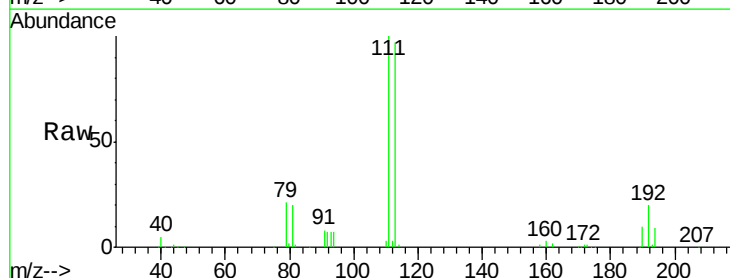


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

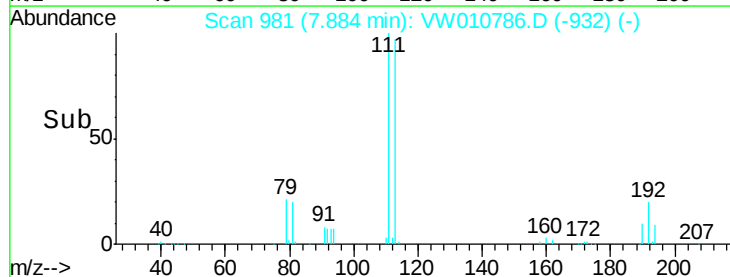
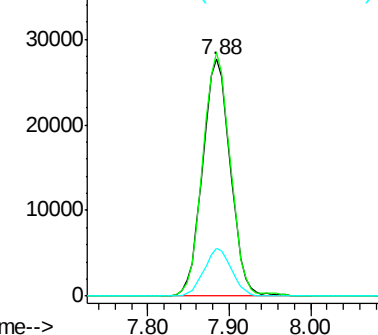


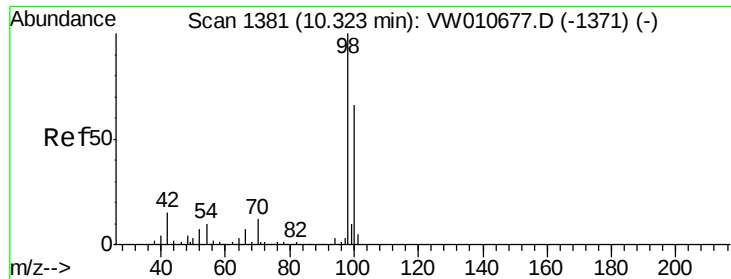
#35
 Dibromofluoromethane
 Concen: 35.424 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010786.D
 Acq: 12 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	19.9	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: 54.515 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010786.D

Acq: 12 Jun 2019 19:00

Instrument :

MSVOA_W

ClientSampled :

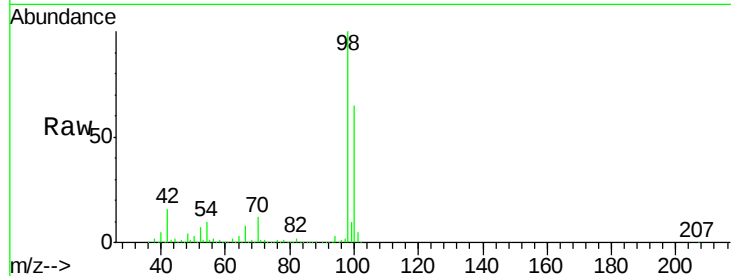
S2(10-15)RE

Tot Ion: 98 Resp: 437072

Ion Ratio Lower Upper

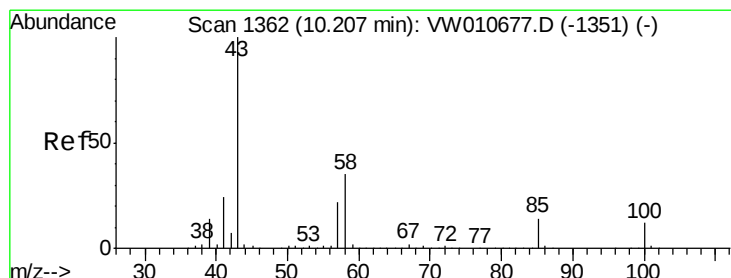
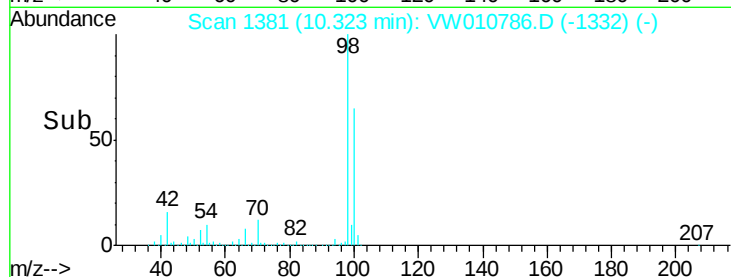
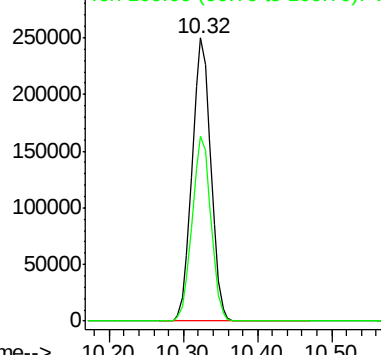
98 100

100 65.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 5.761 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010786.D

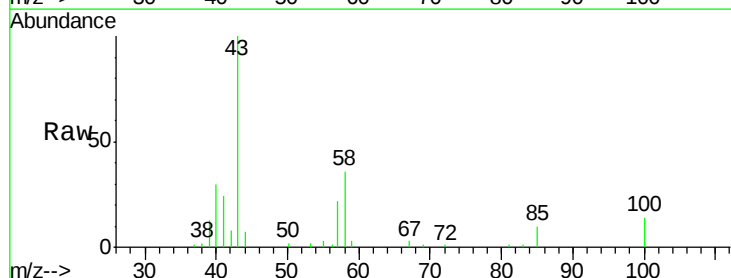
Acq: 12 Jun 2019 19:00

Tgt Ion: 43 Resp: 10864

Ion Ratio Lower Upper

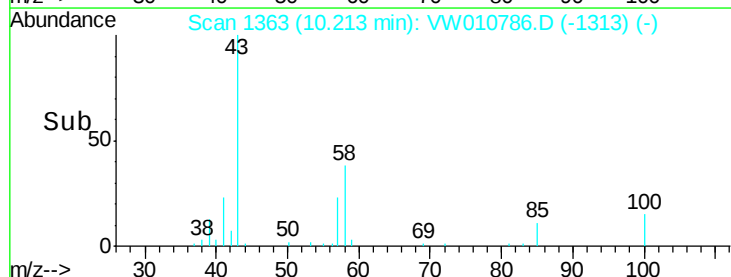
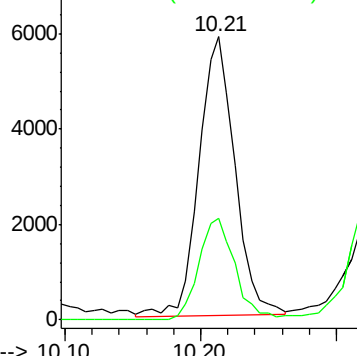
43 100

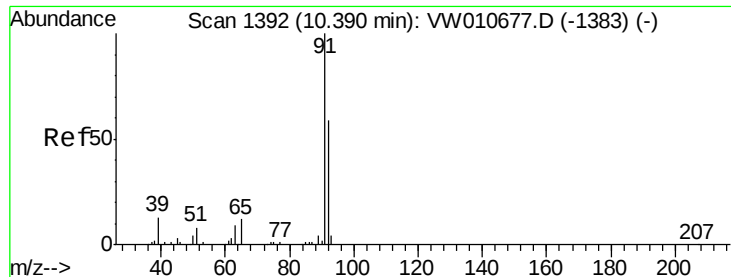
58 36.7 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 4.072 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010786.D

Acq: 12 Jun 2019 19:00

Instrument :

MSVOA_W

ClientSampleId :

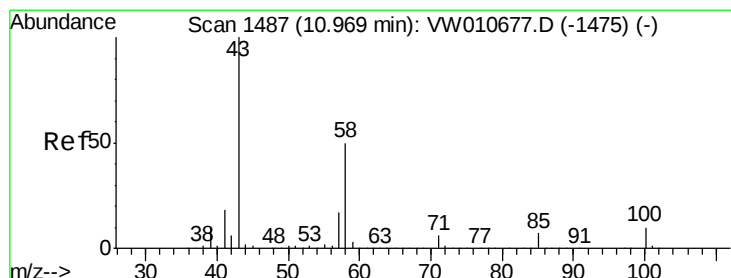
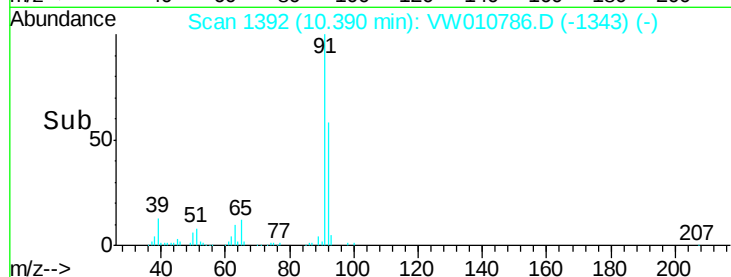
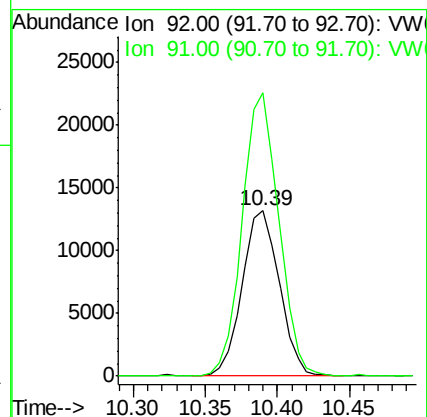
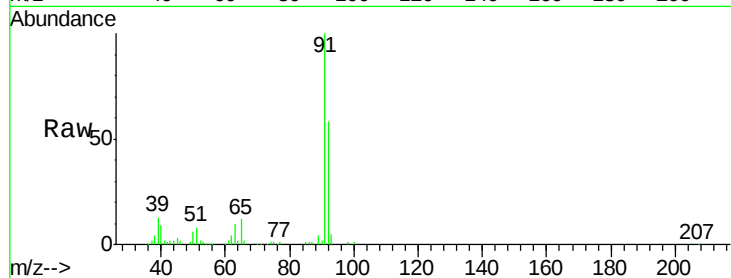
S2(10-15)RE

Tot Ion: 92 Resp: 23564

Ion Ratio Lower Upper

92 100

91 168.5 134.9 202.3



#59

2-Hexanone

Concen: 15.924 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010786.D

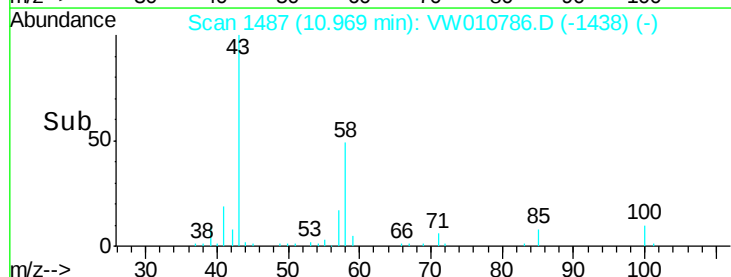
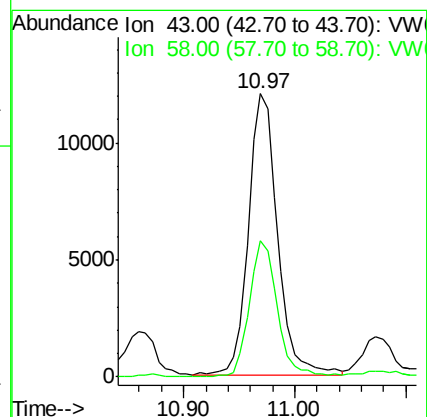
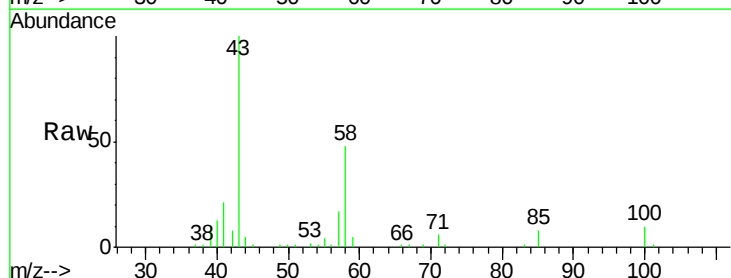
Acq: 12 Jun 2019 19:00

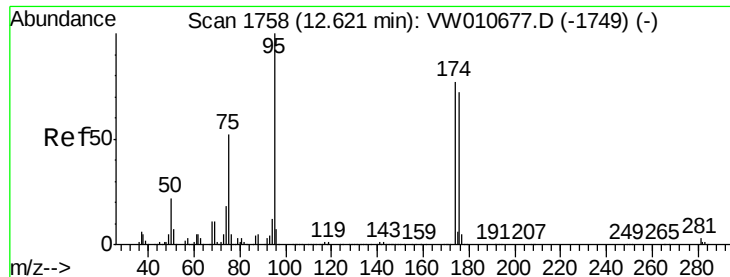
Tgt Ion: 43 Resp: 21703

Ion Ratio Lower Upper

43 100

58 46.8 24.9 74.6





#62

4-Bromofluorobenzene

Concen: 48.352 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010786.D

Acq: 12 Jun 2019 19:00

Instrument :

MSVOA_W

ClientSampleId :

S2(10-15)RE

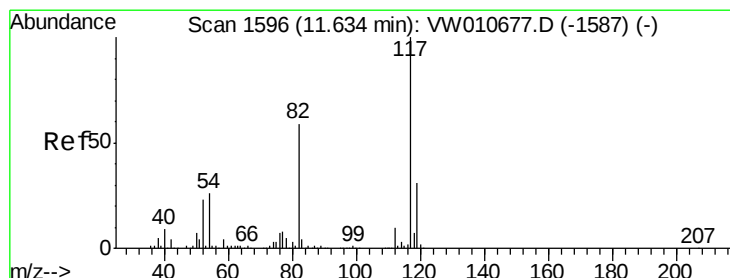
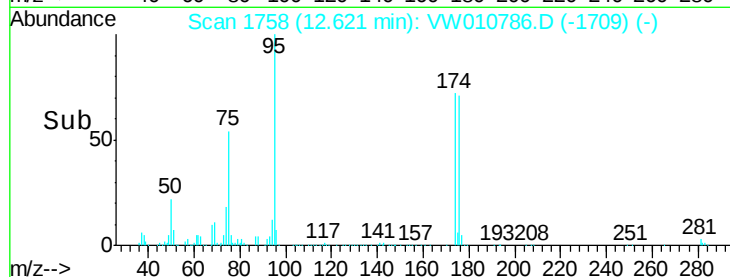
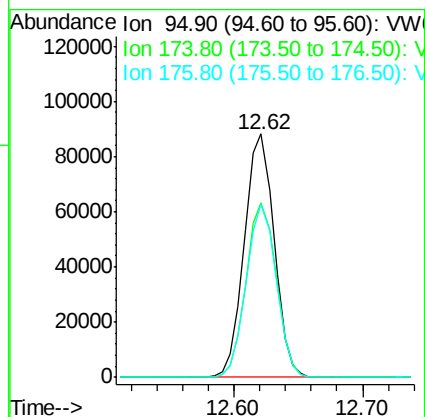
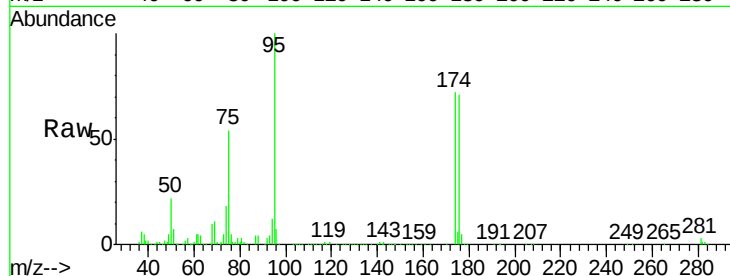
Tot Ion: 95 Resp: 141063

Ion Ratio Lower Upper

95 100

174 72.8 0.0 150.4

176 71.3 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: VW010786.D

Acq: 12 Jun 2019 19:00

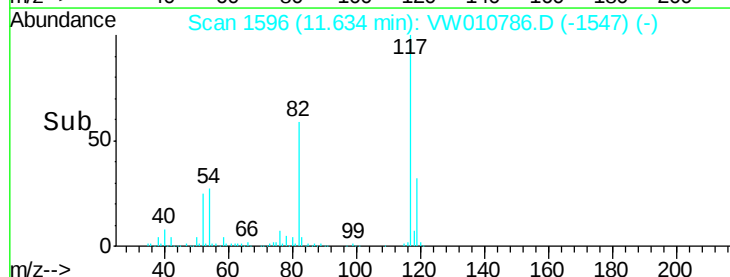
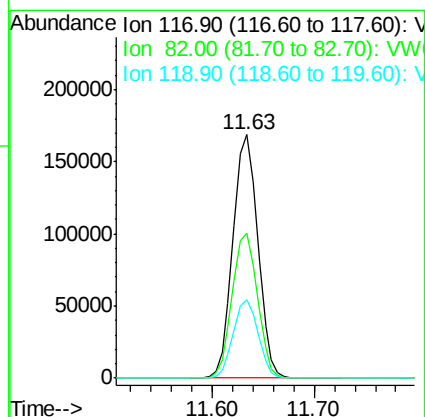
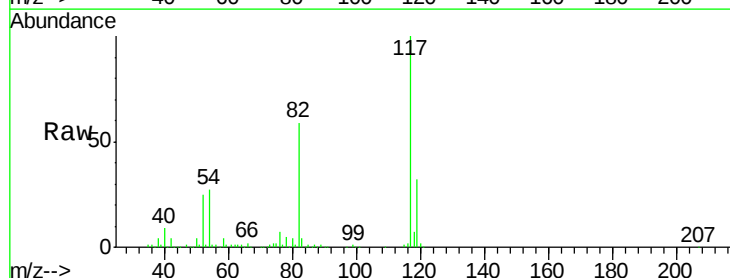
Tgt Ion: 117 Resp: 285091

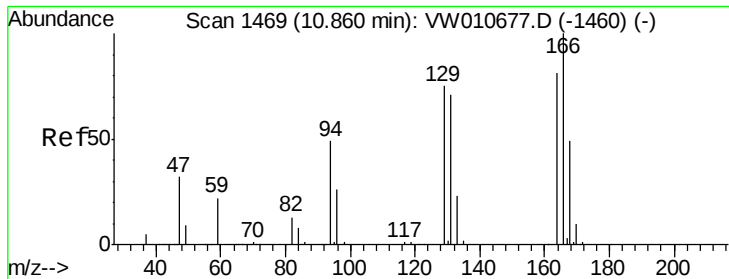
Ion Ratio Lower Upper

117 100

82 59.4 47.0 70.4

119 32.3 25.1 37.7

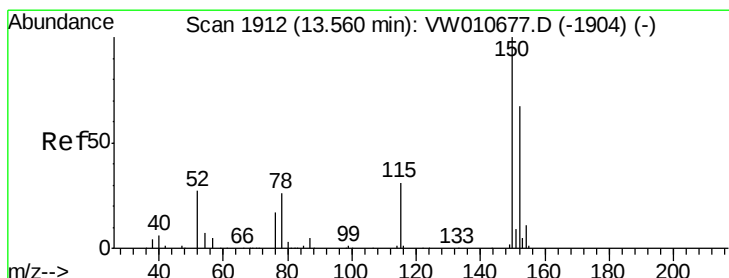
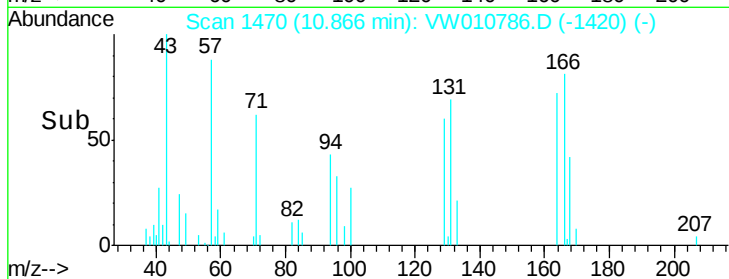
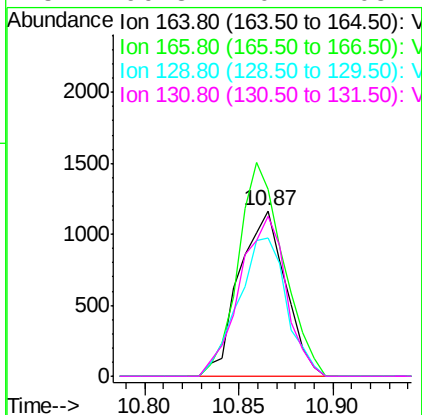
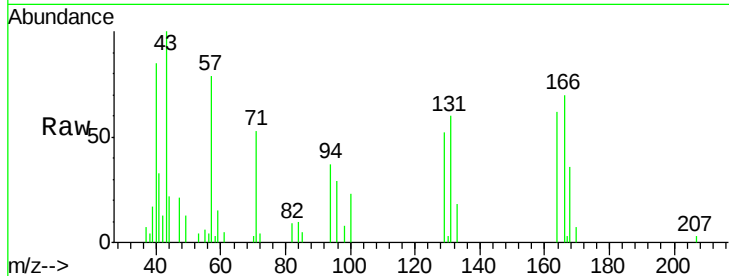




#64
 Tetrachloroethene
 Concen: 1.051 ug/l
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW010786.D
 Acq: 12 Jun 2019 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 S2(10-15)RE

Tot Ion:	164	Resp:	1990
Ion	Ratio	Lower	Upper
164	100		
166	113.2	99.2	148.8
129	83.7	74.6	112.0
131	96.3	70.2	105.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010786.D
 Acq: 12 Jun 2019 19:00

Tgt Ion:	152	Resp:	105278
Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.8	89.3
150	159.1	0.0	345.0

