

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010049.D
 Acq On : 18 Apr 2019 17:01
 Operator : SY/VA
 Sample : K2411-06RE
 Misc : 5.94G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-14-S2RE

Quant Time: Apr 18 17:22:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 11:26:35 2019
 Response via : Initial Calibration

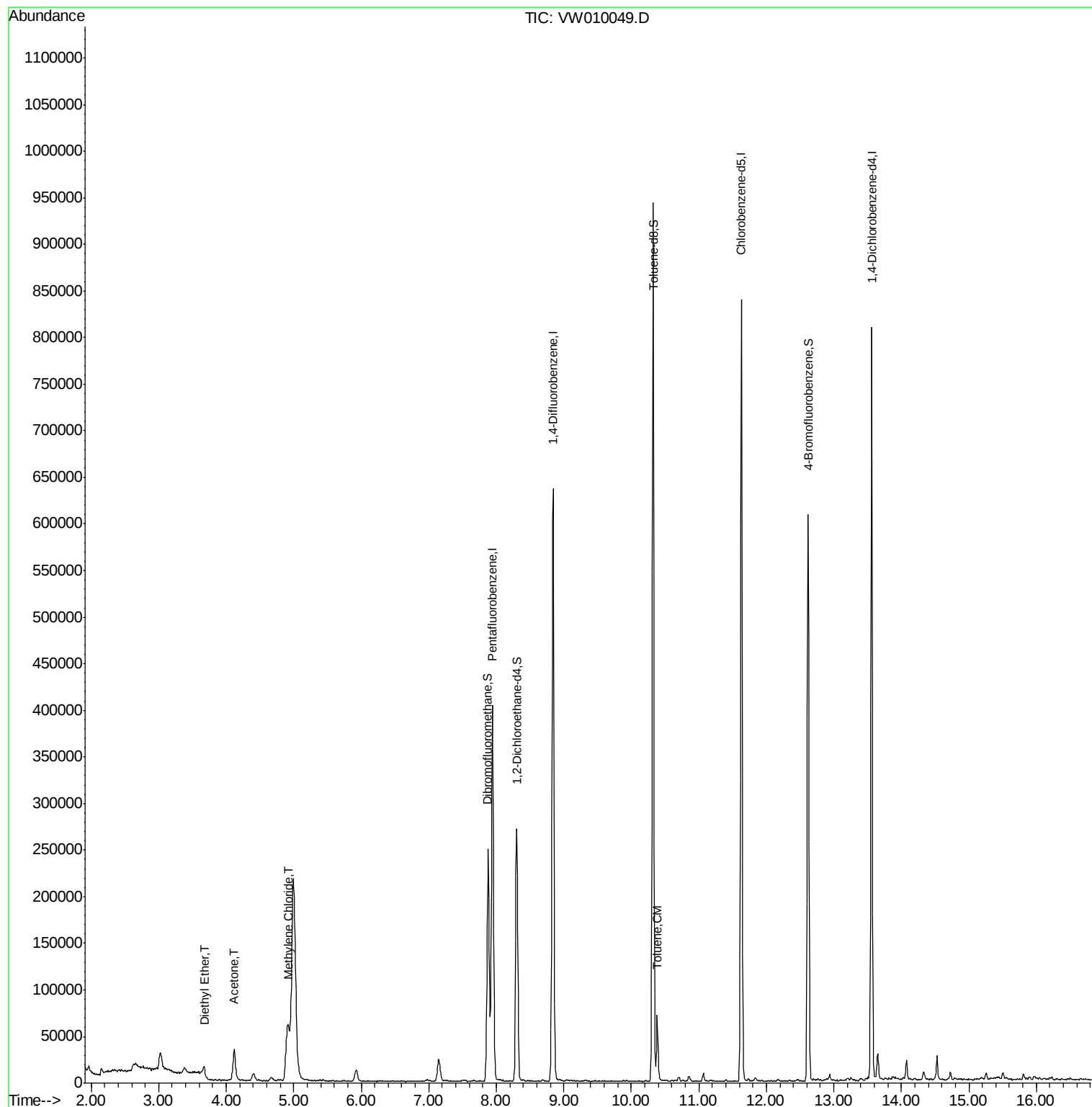
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	491034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	438294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	214329	62.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.36%	
35) Dibromofluoromethane	7.88	113	170178	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
50) Toluene-d8	10.32	98	580930	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	188348	44.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.58%	
Target Compounds						
8) Diethyl Ether	3.68	74	5386	3.783	ug/l	98
16) Acetone	4.12	43	57132	71.436	ug/l	97
20) Methylene Chloride	4.92	84	59623	16.269	ug/l	94
52) Toluene	10.38	92	26567	3.110	ug/l	95

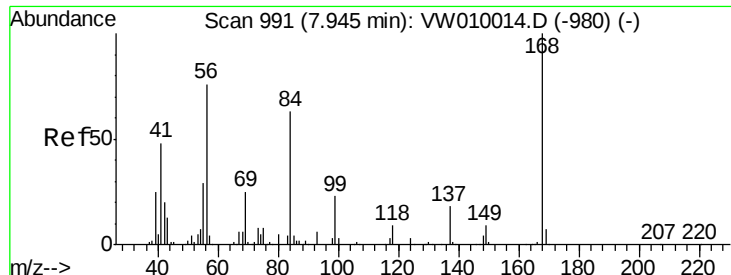
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010049.D

Acq: 18 Apr 2019 17:01

Instrument :

MSVOA_W

ClientSampleId :

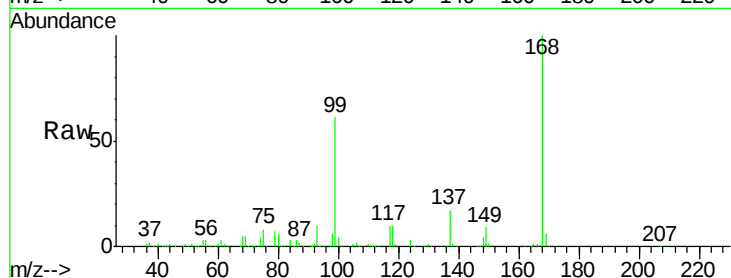
TP-14-S2RE

Tot Ion:168 Resp: 279320

Ion Ratio Lower Upper

168 100

99 60.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

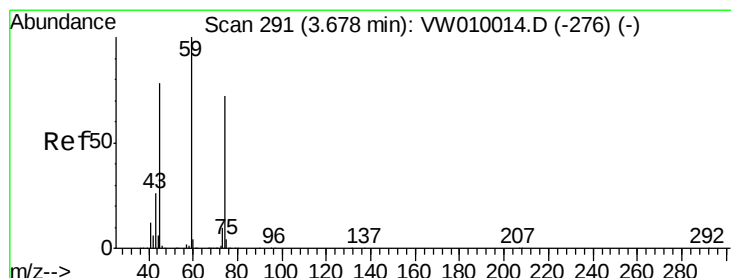
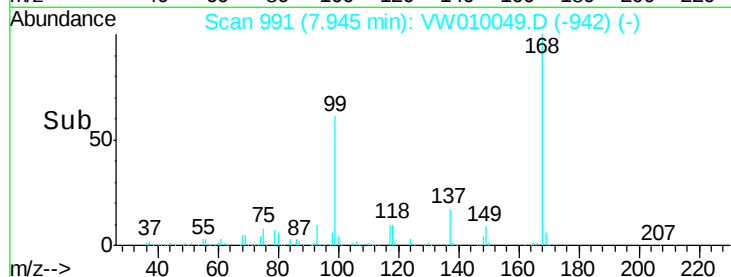
100000

50000

0

Time-->

7.90 8.00



#8

Diethyl Ether

Concen: 3.783 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW010049.D

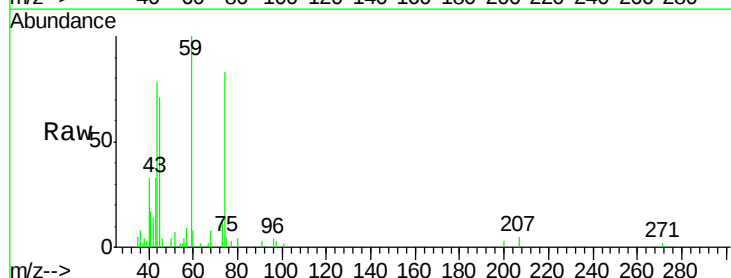
Acq: 18 Apr 2019 17:01

Tgt Ion: 74 Resp: 5386

Ion Ratio Lower Upper

74 100

45 114.2 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

3000

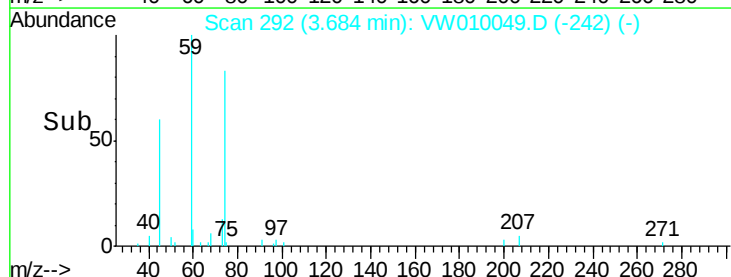
2000

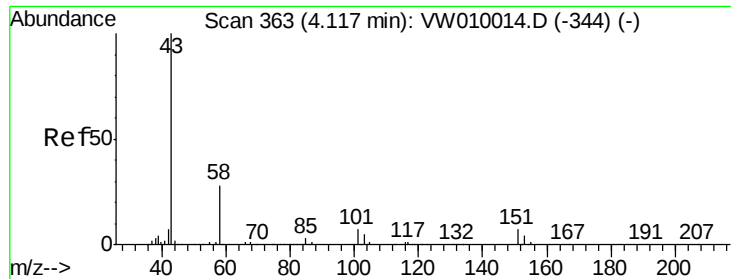
1000

0

Time-->

3.55 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 71.436 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010049.D

Acq: 18 Apr 2019 17:01

Instrument :

MSVOA_W

ClientSampleId :

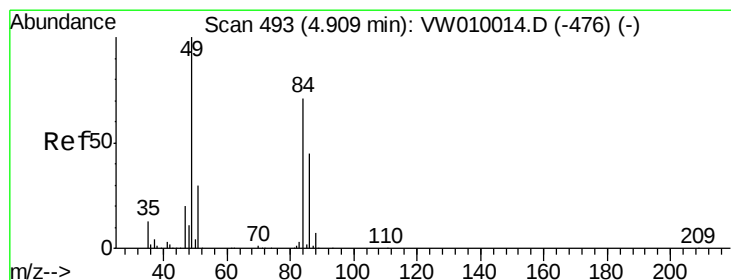
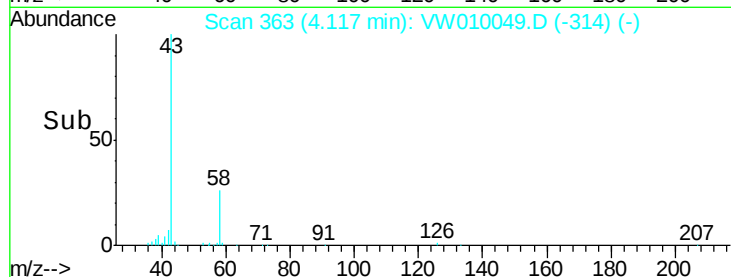
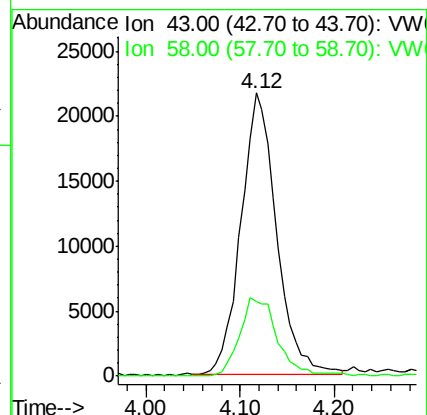
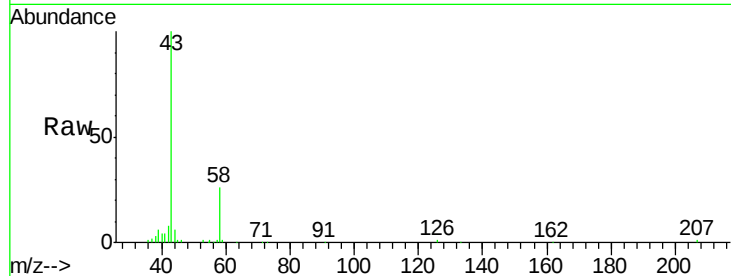
TP-14-S2RE

Tot Ion: 43 Resp: 57132

Ion Ratio Lower Upper

43 100

58 26.7 22.7 34.1



#20

Methylene Chloride

Concen: 16.269 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW010049.D

Acq: 18 Apr 2019 17:01

Tgt Ion: 84 Resp: 59623

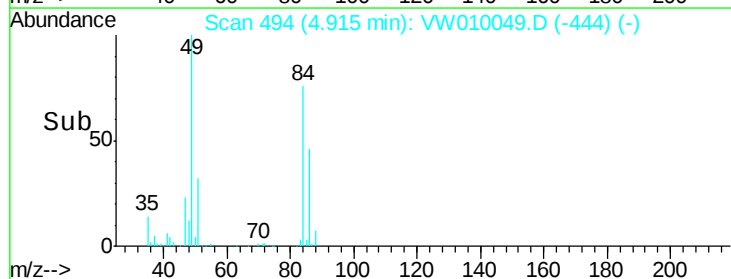
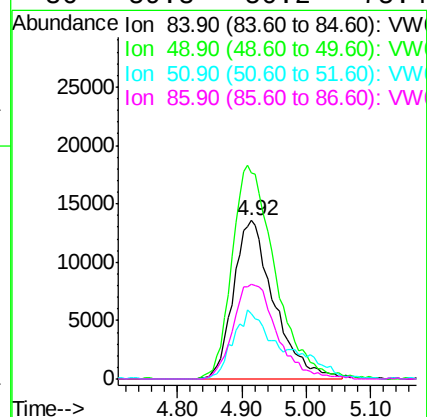
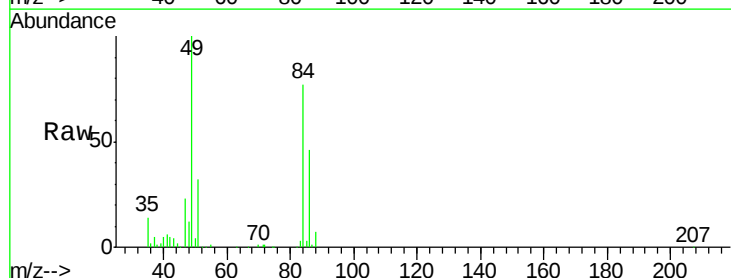
Ion Ratio Lower Upper

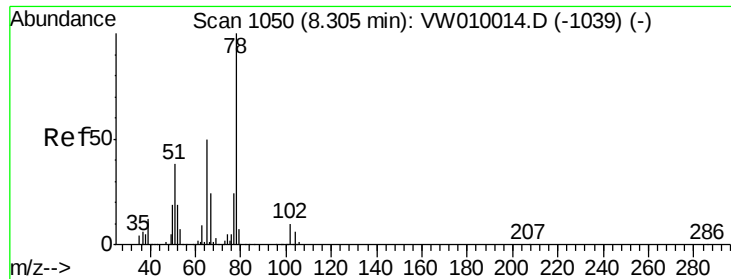
84 100

49 130.1 112.3 168.5

51 41.1 33.9 50.9

86 59.8 50.2 75.4

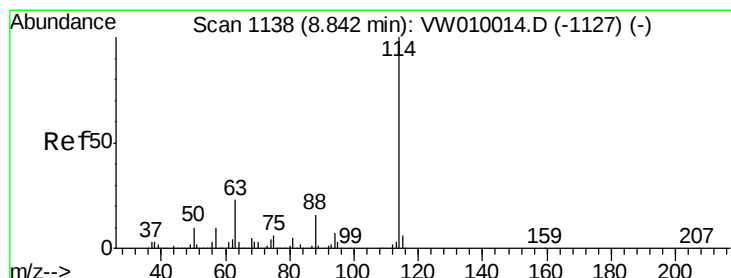
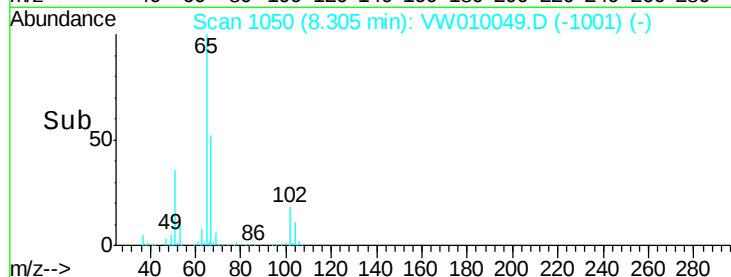
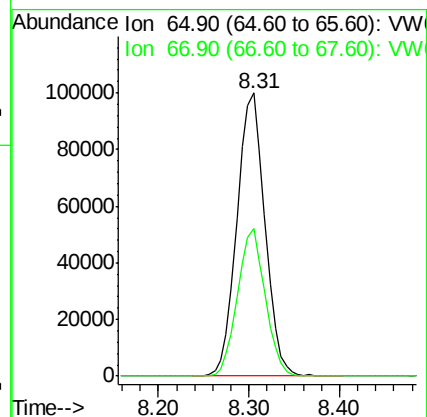
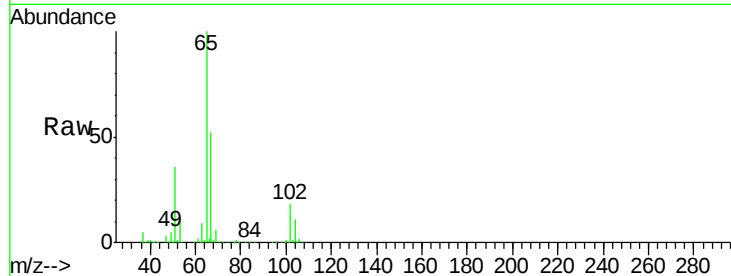




#33
 1,2-Dichloroethane-d4
 Concen: 62.179 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010049.D
 Acq: 18 Apr 2019 17:01

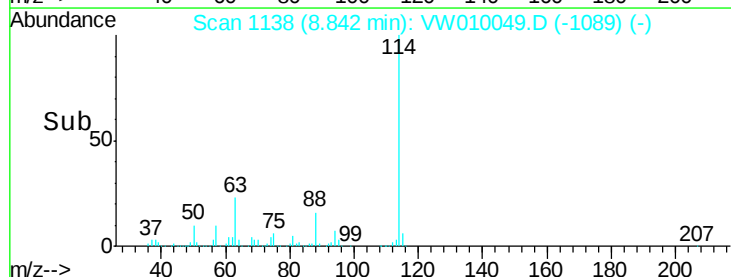
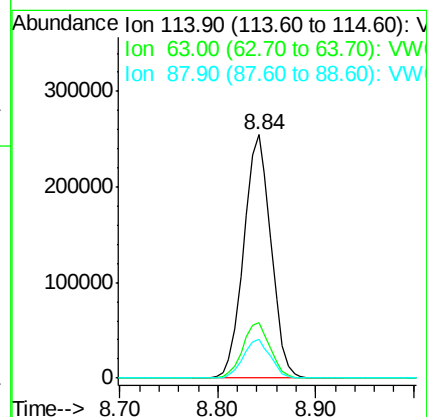
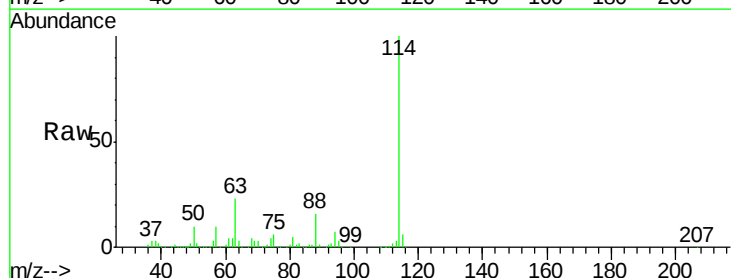
Instrument :
 MSVOA_W
 ClientSampled :
 TP-14-S2RE

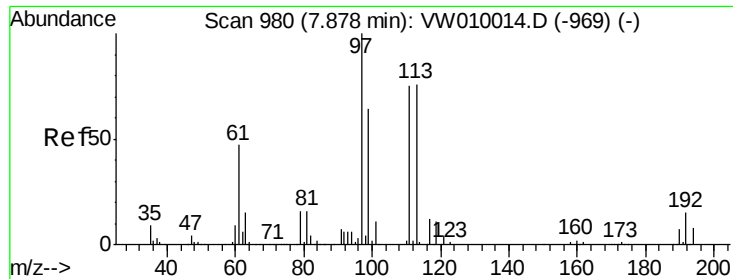
Tot Ion: 65 Resp: 214329
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010049.D
 Acq: 18 Apr 2019 17:01

Tgt Ion: 114 Resp: 491034
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.2
 88 16.1 0.0 32.6

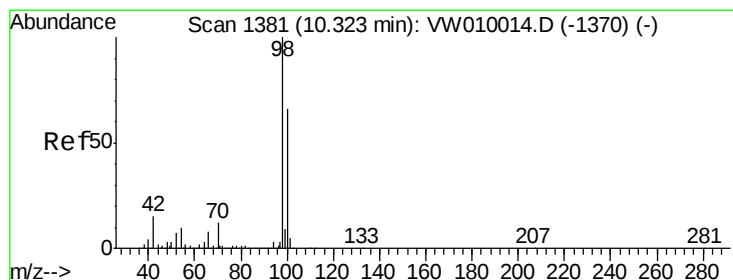
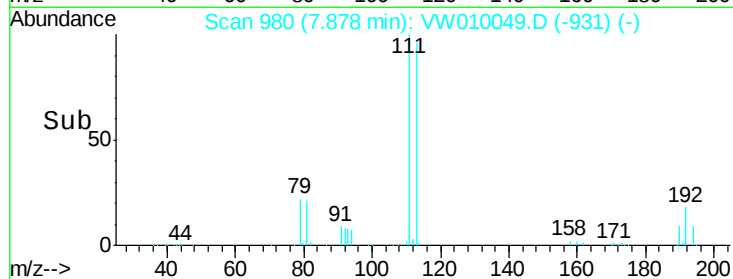
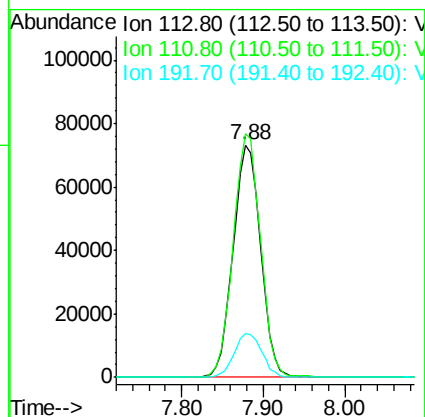
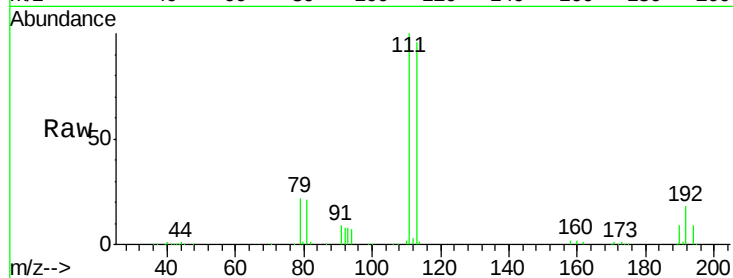




#35
 Dibromofluoromethane
 Concen: 54.512 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010049.D
 Acq: 18 Apr 2019 17:01

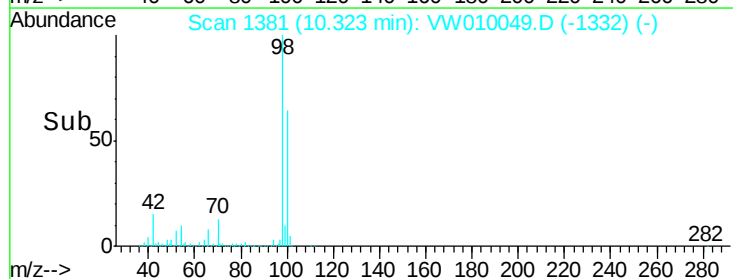
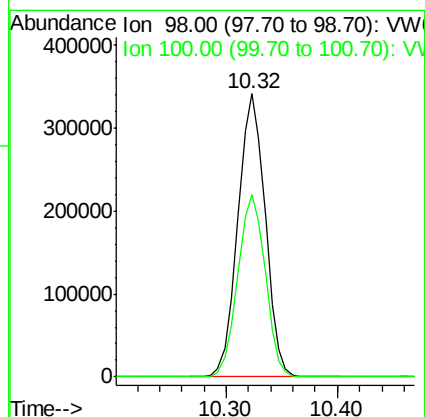
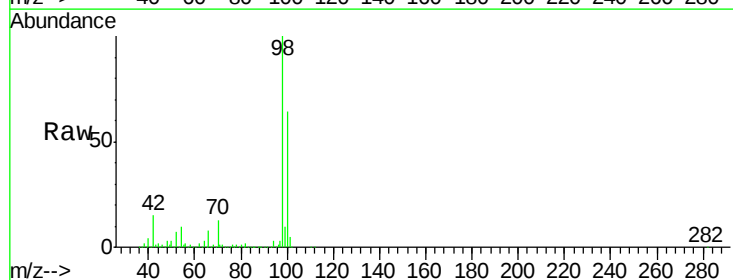
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-14-S2RE

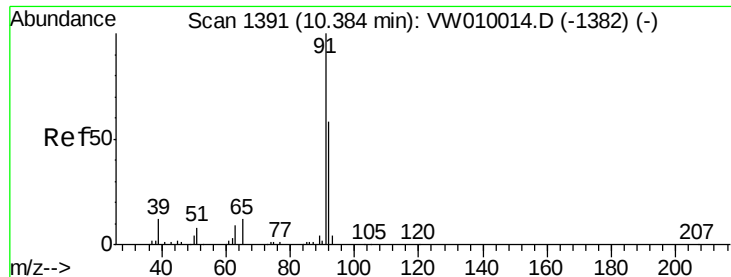
Tot Ion:113 Resp: 170178
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.6 123.8
 192 19.0 15.4 23.2



#50
 Toluene-d8
 Concen: 49.660 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010049.D
 Acq: 18 Apr 2019 17:01

Tgt Ion: 98 Resp: 580930
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.3 78.5





#52

Toluene

Concen: 3.110 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW010049.D

Acq: 18 Apr 2019 17:01

Instrument :

MSVOA_W

ClientSampleId :

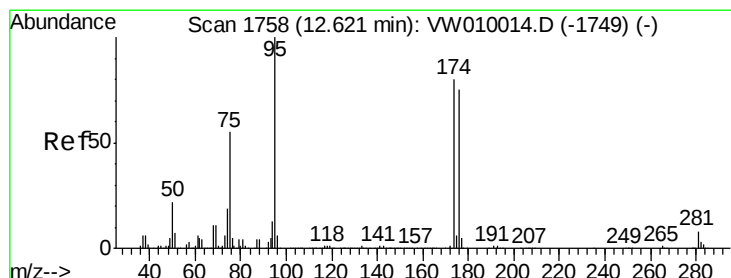
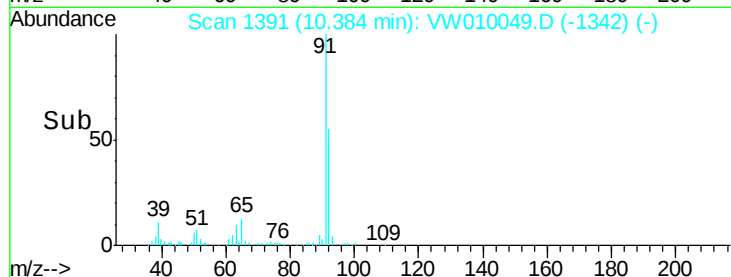
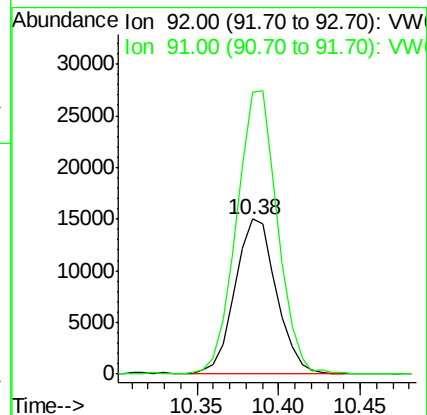
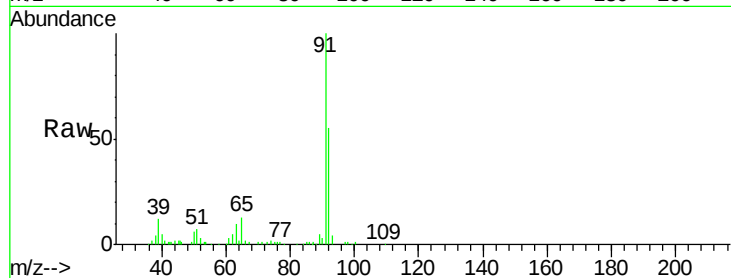
TP-14-S2RE

Tot Ion: 92 Resp: 26567

Ion Ratio Lower Upper

92 100

91 180.4 138.5 207.7



#62

4-Bromofluorobenzene

Concen: 44.294 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010049.D

Acq: 18 Apr 2019 17:01

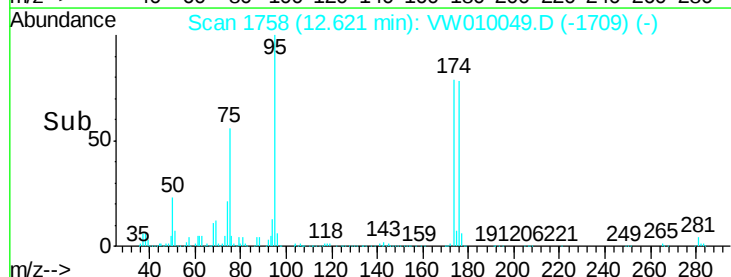
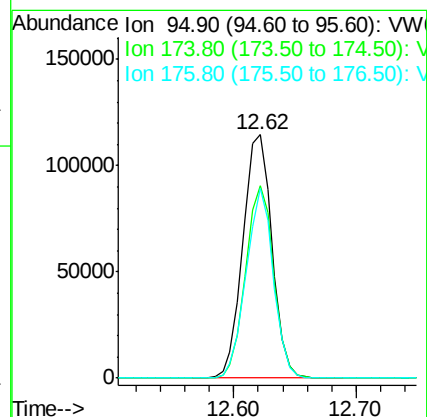
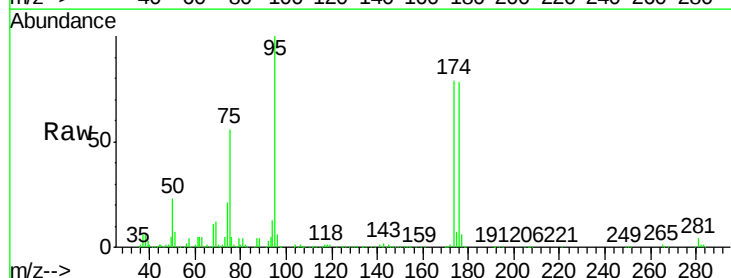
Tgt Ion: 95 Resp: 188348

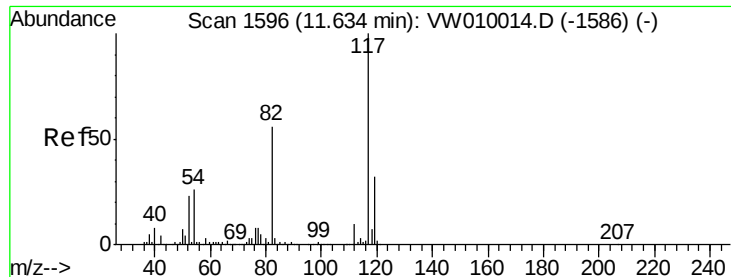
Ion Ratio Lower Upper

95 100

174 76.8 0.0 151.4

176 73.2 0.0 146.2

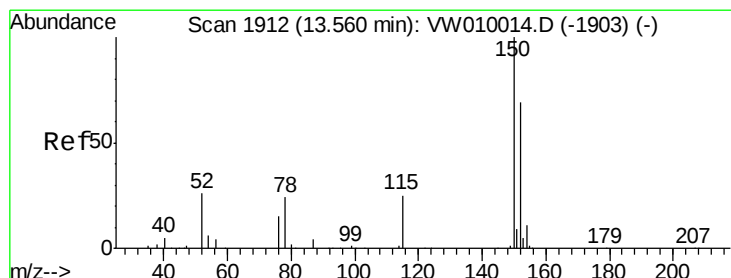
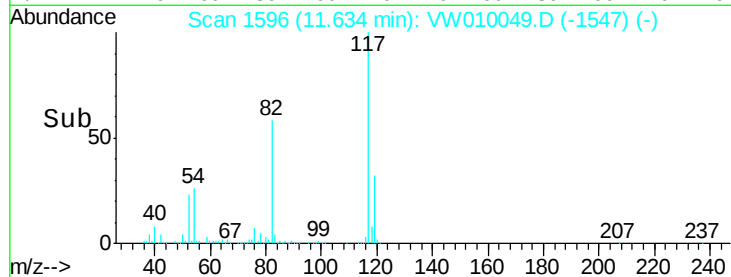
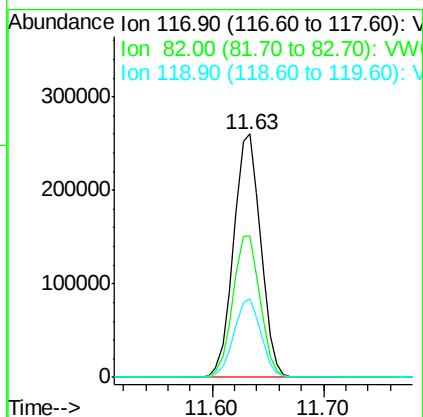
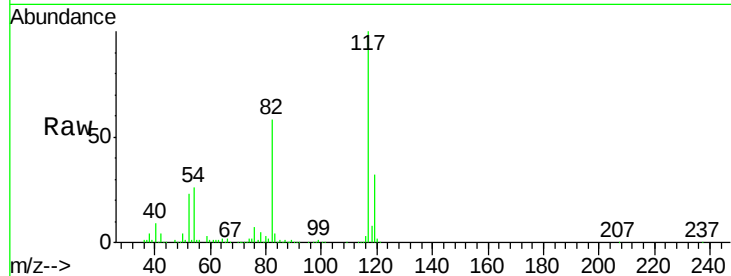




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010049.D
Acq: 18 Apr 2019 17:01

Instrument :
MSVOA_W
ClientSampleId :
TP-14-S2RE

Tot Ion:117 Resp: 438294
Ion Ratio Lower Upper
117 100
82 57.8 45.2 67.8
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010049.D
Acq: 18 Apr 2019 17:01

Tgt Ion:152 Resp: 188853
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.2
150 159.6 0.0 347.0

