

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010053.D
 Acq On : 18 Apr 2019 18:51
 Operator : SY/VA
 Sample : K2407-06
 Misc : 6.10G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11-D2

Quant Time: Apr 18 19:12:44 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

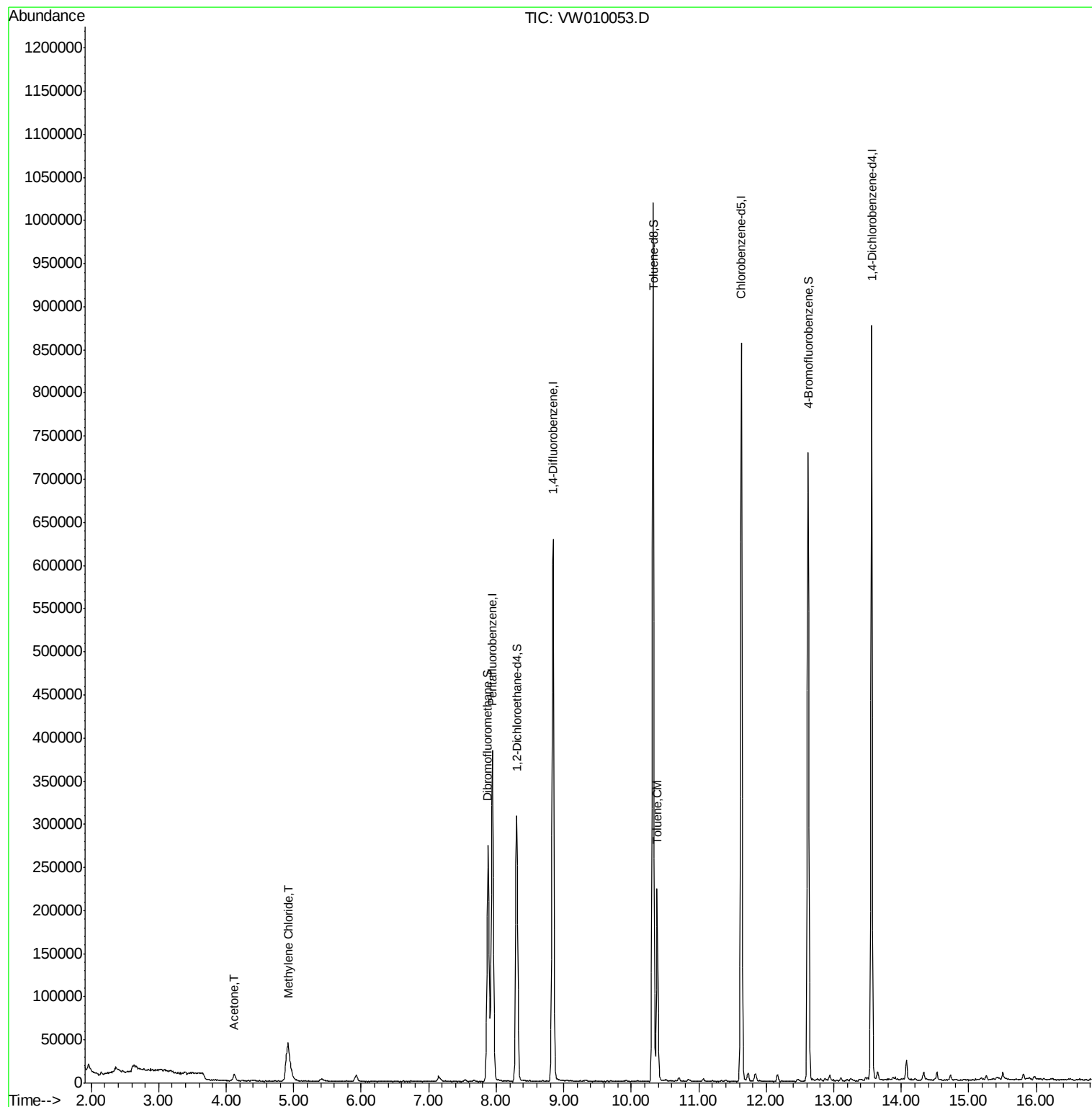
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	481710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	440932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	200502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	238971	72.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.36%	
35) Dibromofluoromethane	7.88	113	187793	61.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.64%	
50) Toluene-d8	10.32	98	636216	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
62) 4-Bromofluorobenzene	12.62	95	217948	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
Target Compounds						
16) Acetone	4.12	43	13975	18.193	ug/l	91
20) Methylene Chloride	4.92	84	42465	10.847	ug/l	95
52) Toluene	10.38	92	89096	10.631	ug/l	98

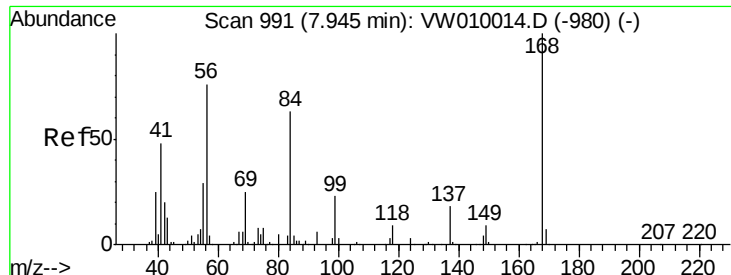
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

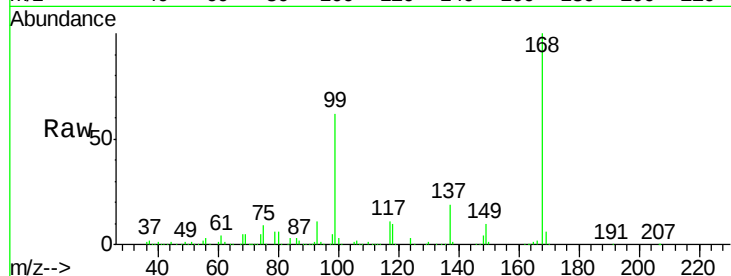
TP-11-D2

Tot Ion:168 Resp: 268278

Ion Ratio Lower Upper

168 100

99 61.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

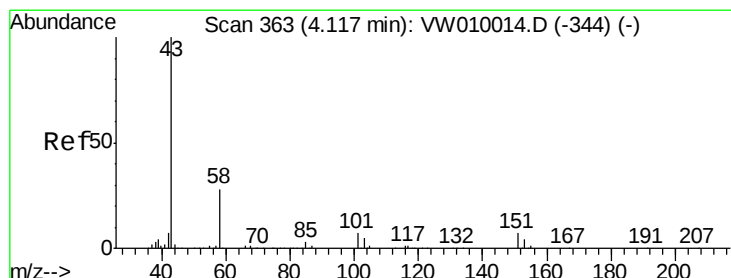
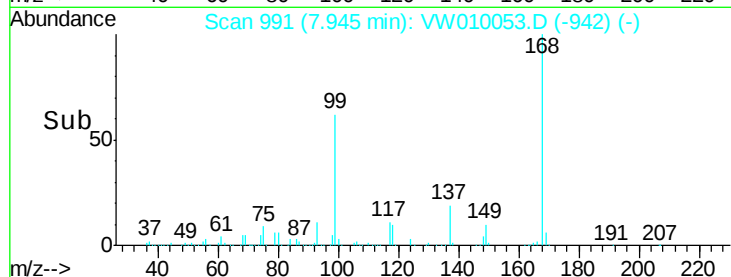
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 18.193 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010053.D

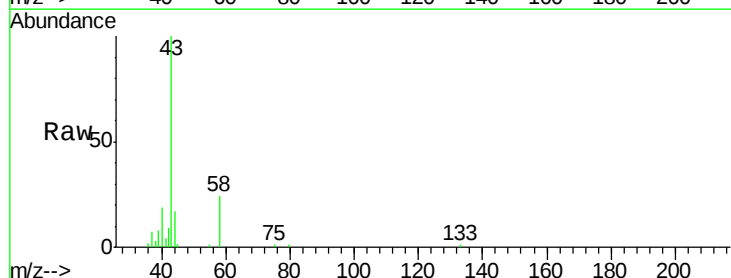
Acq: 18 Apr 2019 18:51

Tgt Ion: 43 Resp: 13975

Ion Ratio Lower Upper

43 100

58 23.6 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

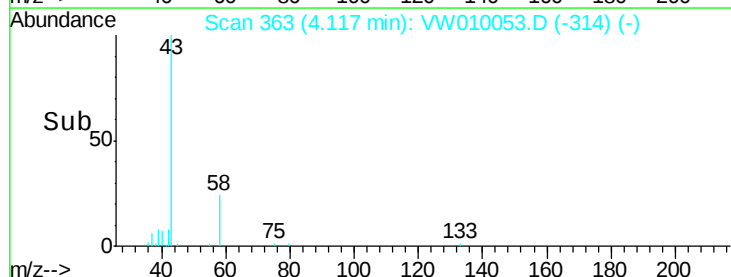
3000

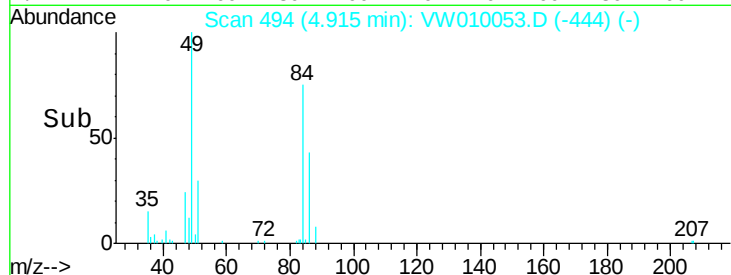
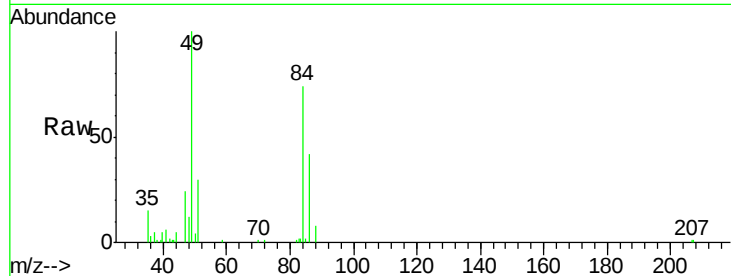
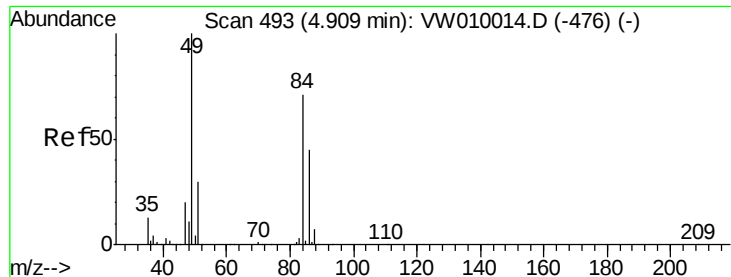
2000

1000

0

Time-->

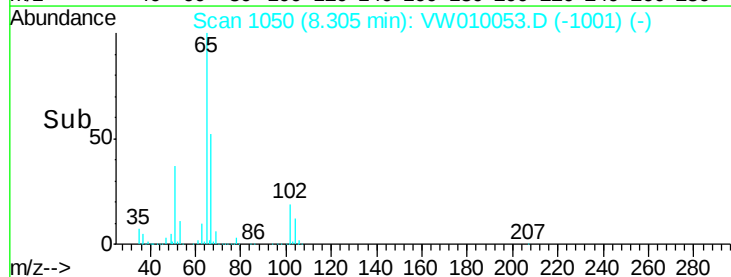
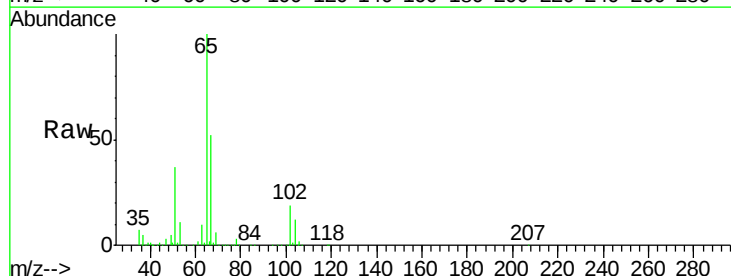
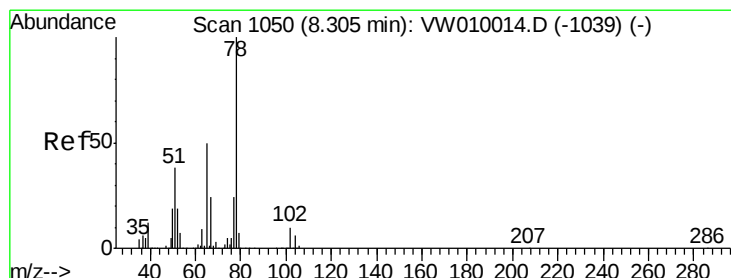
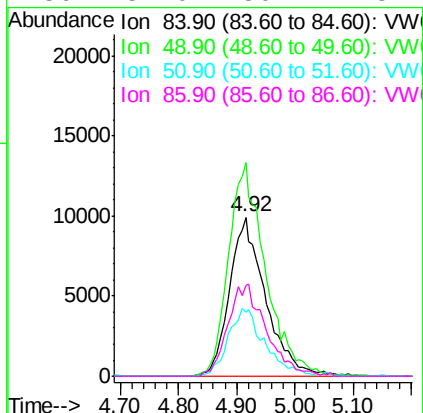




#20
Methvlene Chloride
Concen: 10.847 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010053.D
Acq: 18 Apr 2019 18:51

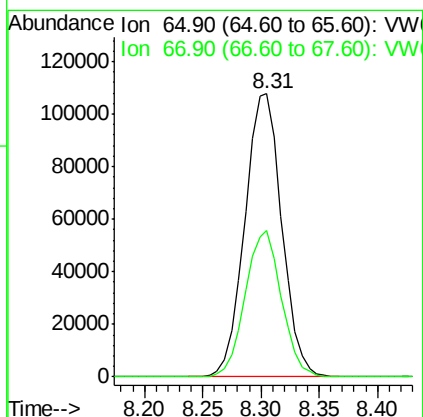
Instrument :
MSVOA_W
ClientSampleId :
TP-11-D2

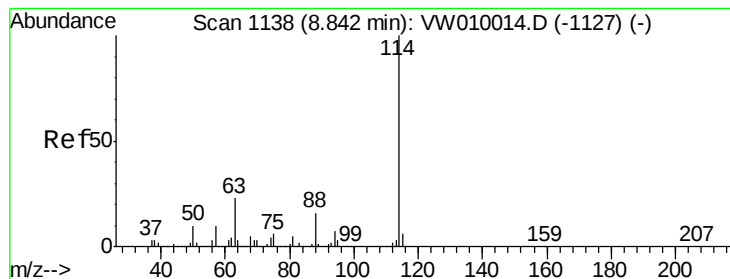
Tot Ion	84	Resp	42465
Ion	Ratio	Lower	Upper
84	100		
49	134.2	112.3	168.5
51	40.2	33.9	50.9
86	57.0	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: 72.182 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010053.D
Acq: 18 Apr 2019 18:51

Tgt Ion	65	Resp	238971
Ion	Ratio	Lower	Upper
65	100		
67	50.4	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: VW010053.D

Acq: 18 Apr 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

TP-11-D2

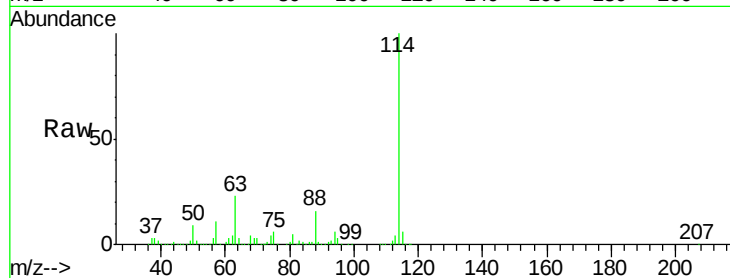
Tot Ion:114 Resp: 481710

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.2

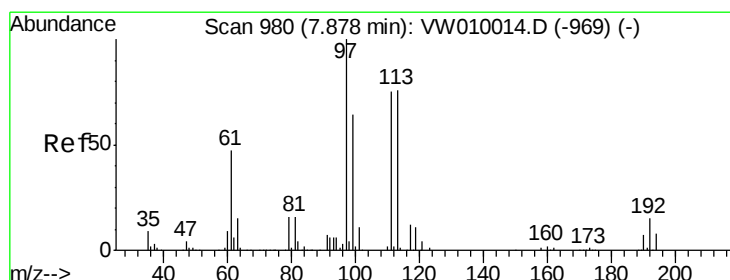
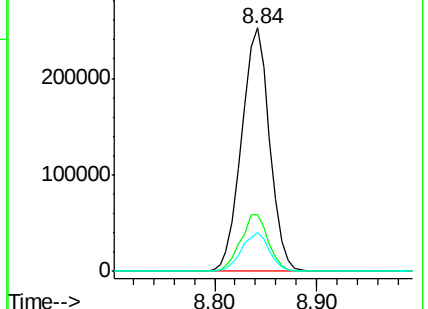
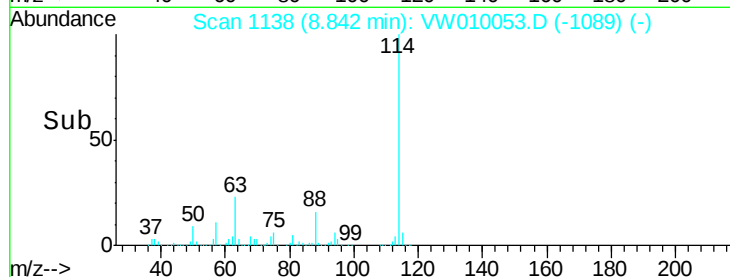
88 15.8 0.0 32.6



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: 61.319 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW010053.D

Acq: 18 Apr 2019 18:51

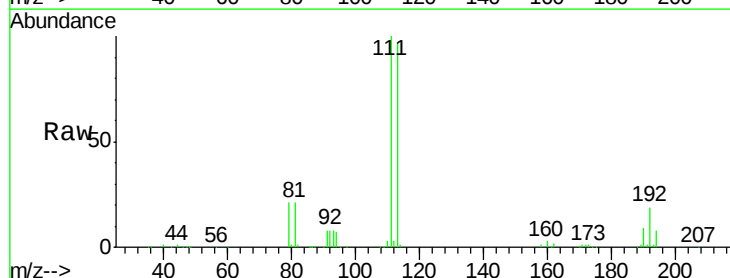
Tgt Ion:113 Resp: 187793

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

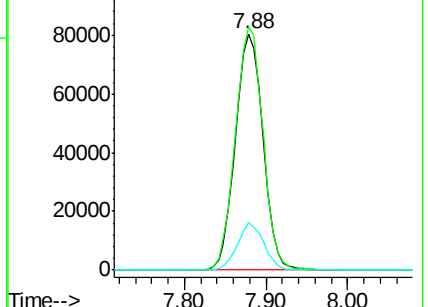
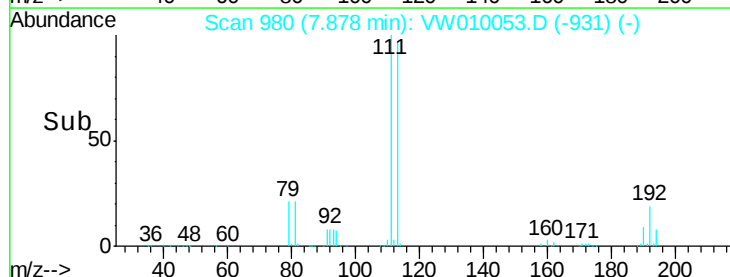
192 19.1 15.4 23.2

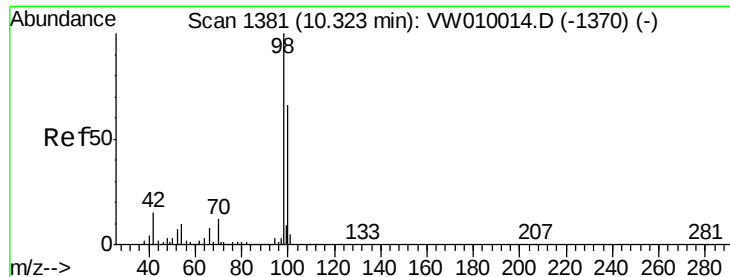


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.439 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010053.D

Acq: 18 Apr 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

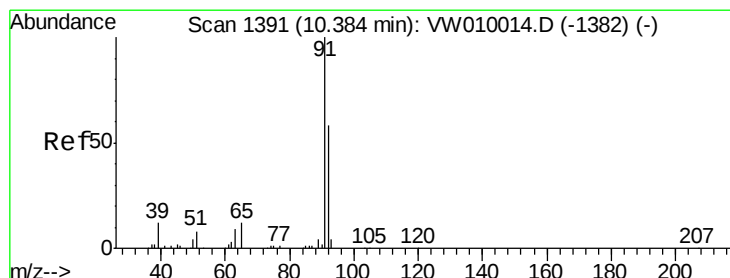
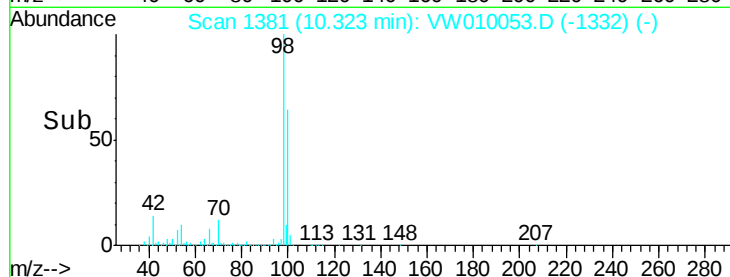
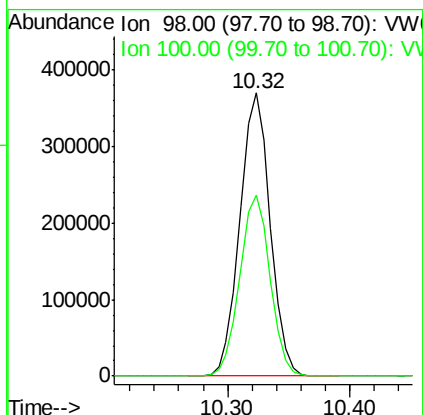
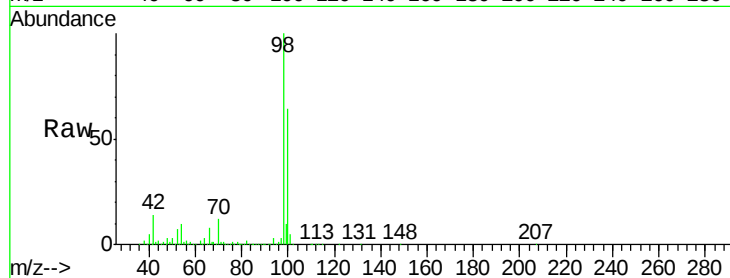
TP-11-D2

Tot Ion: 98 Resp: 636216

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5



#52

Toluene

Concen: 10.631 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW010053.D

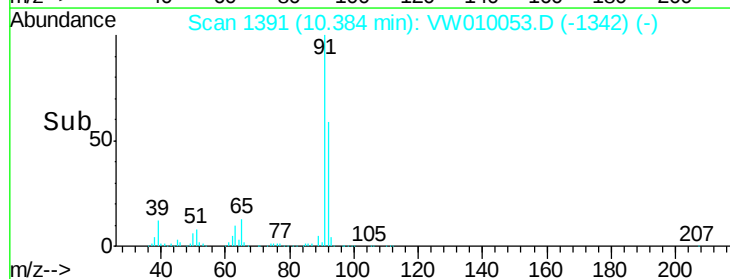
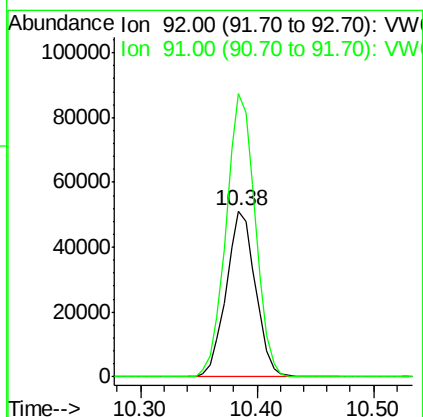
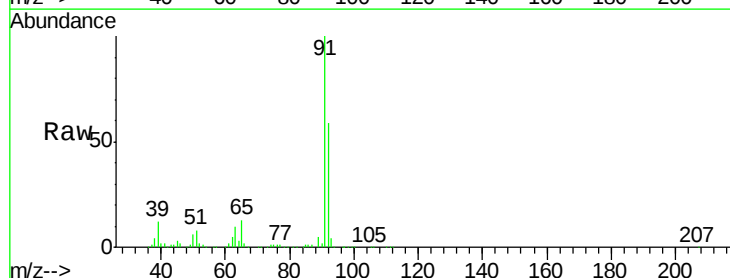
Acq: 18 Apr 2019 18:51

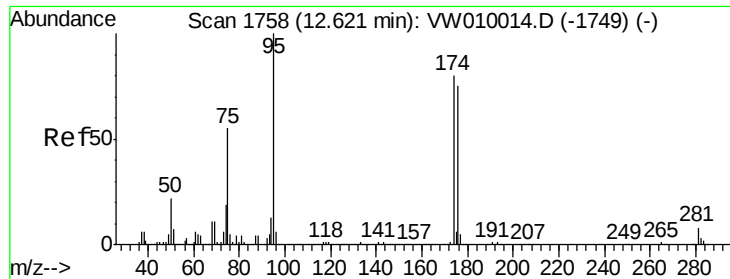
Tgt Ion: 92 Resp: 89096

Ion Ratio Lower Upper

92 100

91 170.4 138.5 207.7

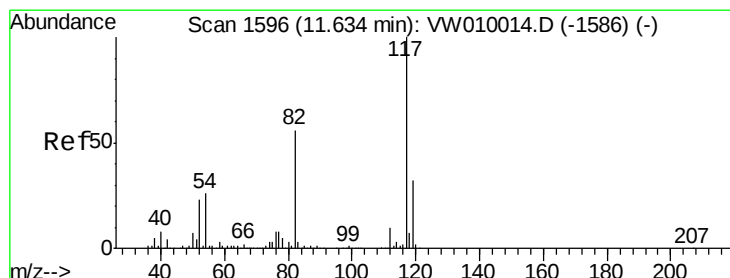
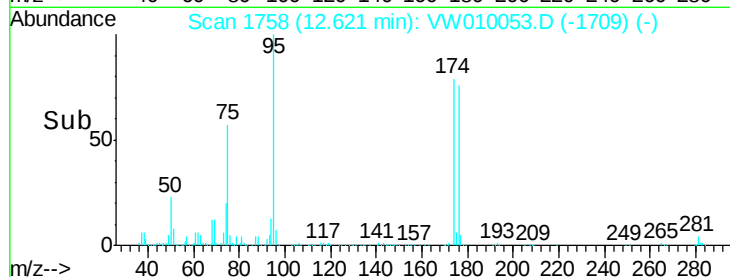
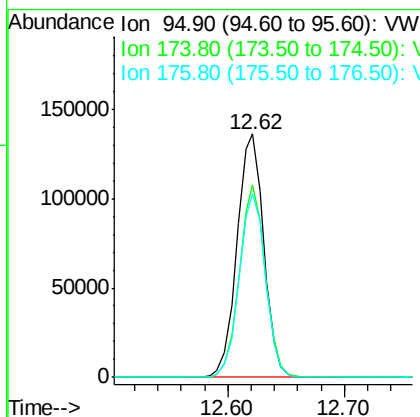
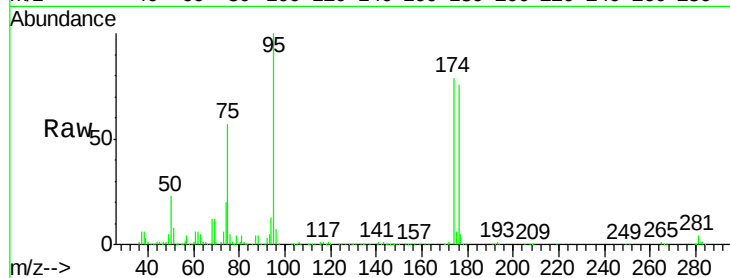




#62
4-Bromofluorobenzene
Concen: 52.247 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010053.D
Acq: 18 Apr 2019 18:51

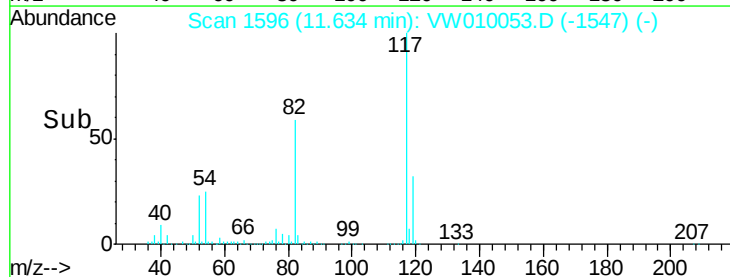
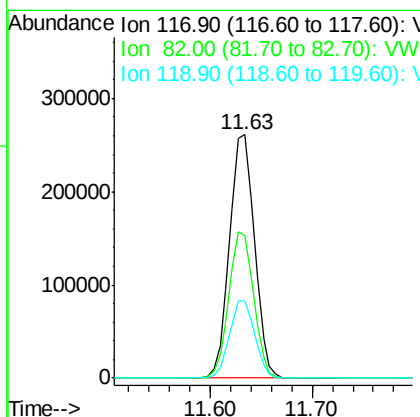
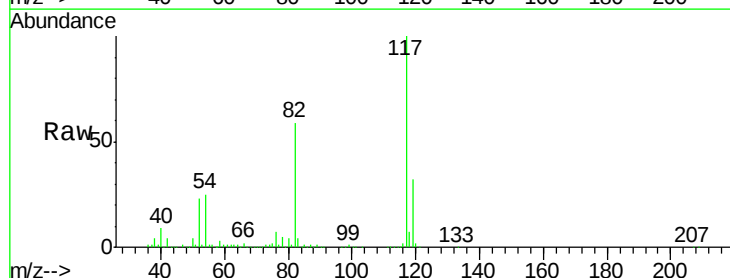
Instrument :
MSVOA_W
ClientSampleId :
TP-11-D2

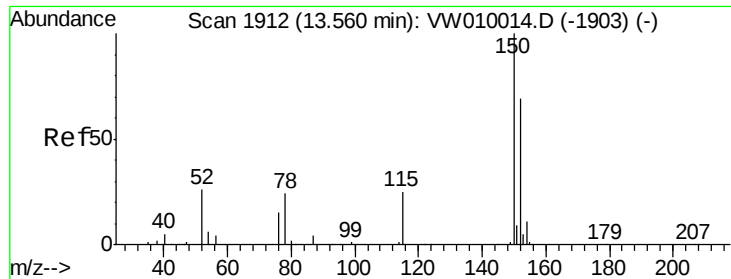
Tot Ion: 95 Resp: 217948
Ion Ratio Lower Upper
95 100
174 76.4 0.0 151.4
176 74.3 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010053.D
Acq: 18 Apr 2019 18:51

Tgt Ion: 117 Resp: 440932
Ion Ratio Lower Upper
117 100
82 58.8 45.2 67.8
119 31.9 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: VW010053.D

Acq: 18 Apr 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

TP-11-D2

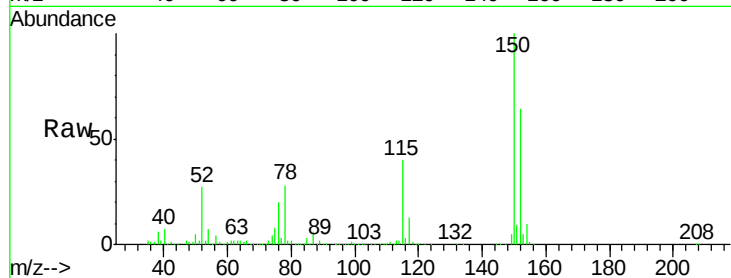
Tot Ion:152 Resp: 200502

Ion Ratio Lower Upper

152 100

115 61.4 30.4 91.2

150 157.8 0.0 347.0



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

