

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013680.D
 Acq On : 23 Oct 2019 21:00
 Operator : SY/VA
 Sample : K5485-06
 Misc : 3.63G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-24B-D2

Quant Time: Oct 24 08:19:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

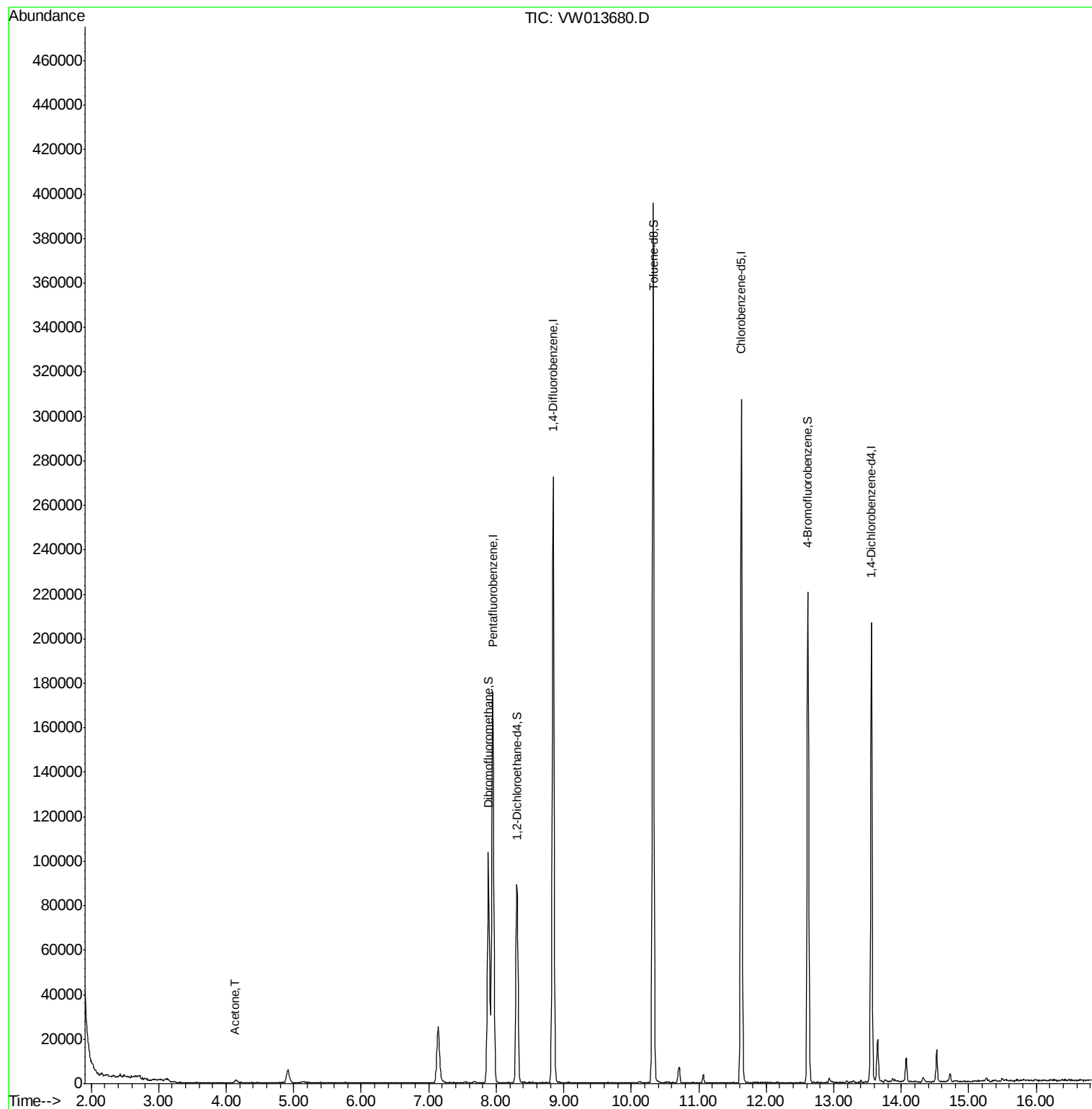
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	233701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	188453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	60975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	69377	62.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.18%	
35) Dibromofluoromethane	7.88	113	73710	56.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.52%	
50) Toluene-d8	10.32	98	268618	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	69986	39.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.12%	
Target Compounds						
16) Acetone	4.13	43	3055	12.999	ug/l	Qvalue 92

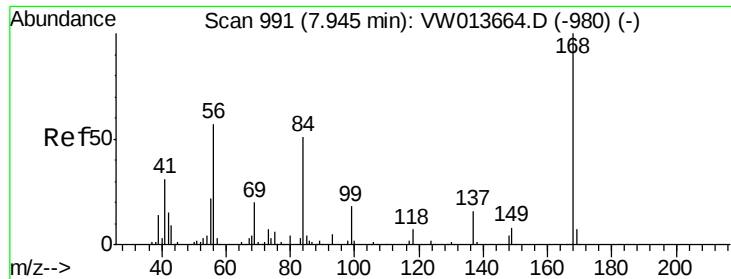
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 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: VW013680.D

Acq: 23 Oct 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

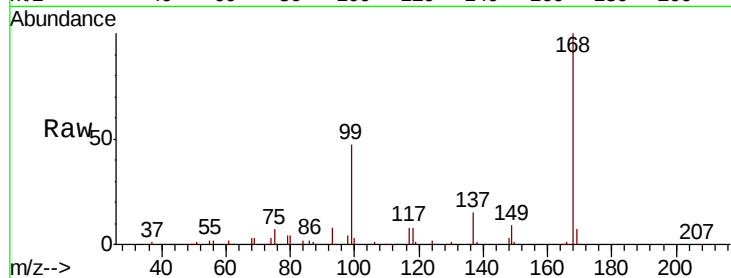
TP-24B-D2

Tot Ion:168 Resp: 147755

Ion Ratio Lower Upper

168 100

99 47.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

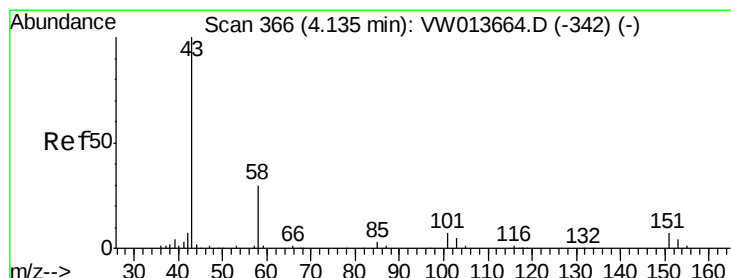
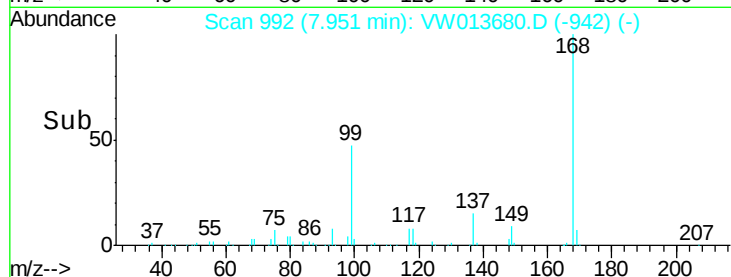
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 12.999 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013680.D

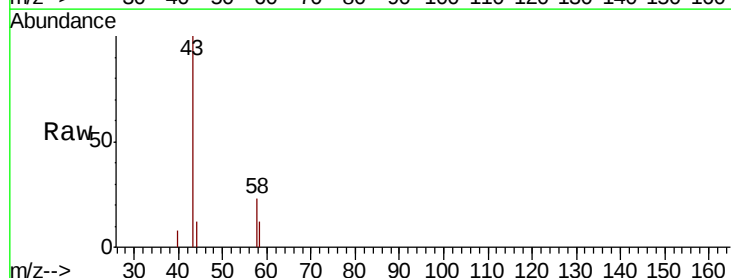
Acq: 23 Oct 2019 21:00

Tgt Ion: 43 Resp: 3055

Ion Ratio Lower Upper

43 100

58 34.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1200

1000

800

600

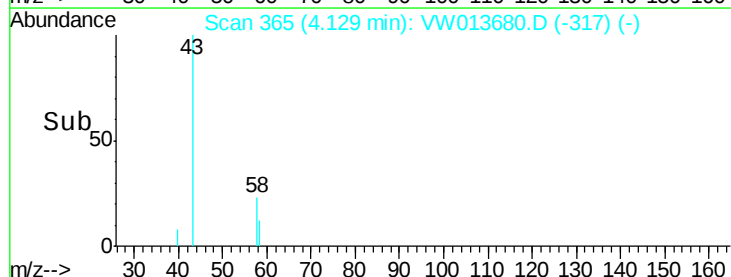
400

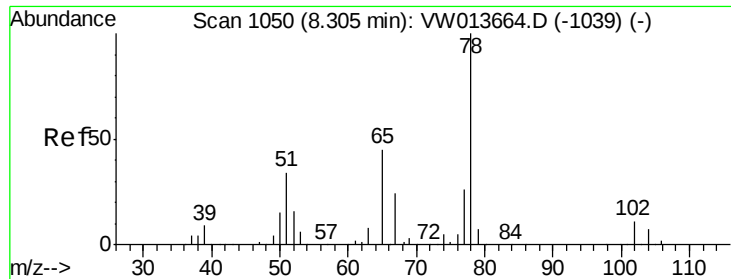
200

0

4.05 4.10 4.15 4.20

Time-->

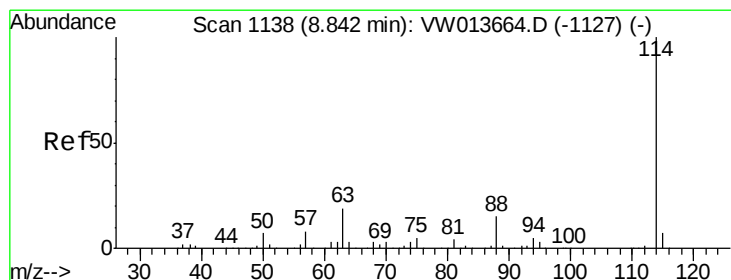
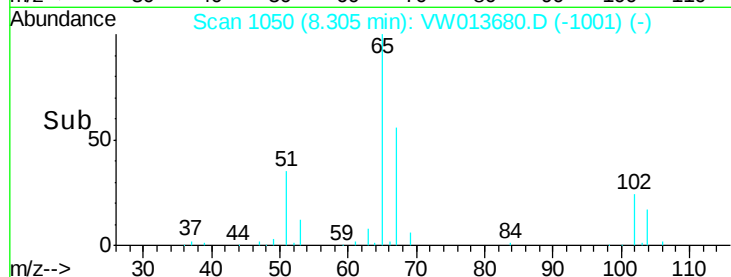
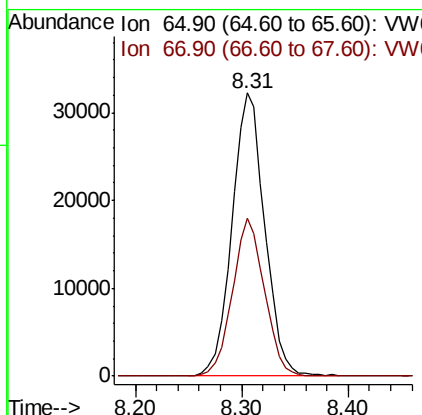
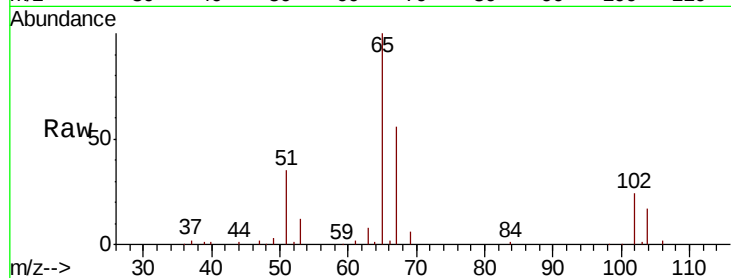




#33
 1,2-Dichloroethane-d4
 Concen: 62.592 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013680.D
 Acq: 23 Oct 2019 21:00

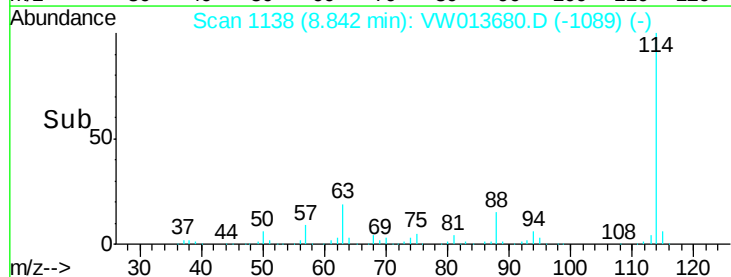
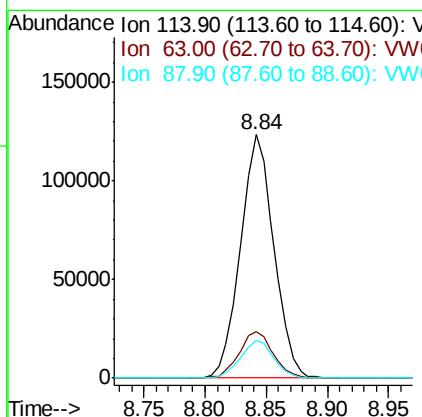
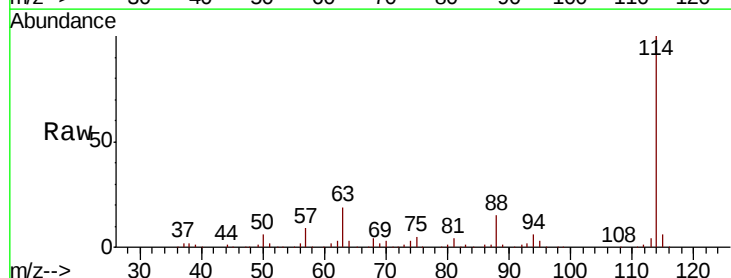
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-24B-D2

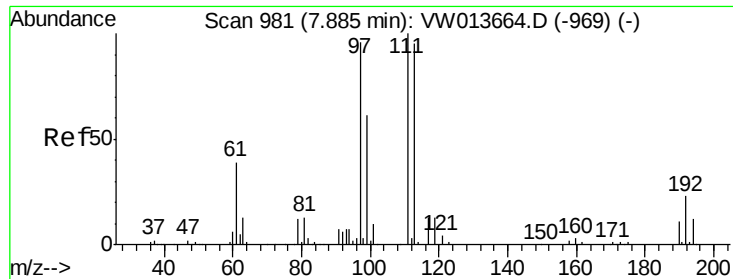
Tot Ion: 65 Resp: 69377
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013680.D
 Acq: 23 Oct 2019 21:00

Tgt Ion: 114 Resp: 233701
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.6
 88 15.2 0.0 30.2

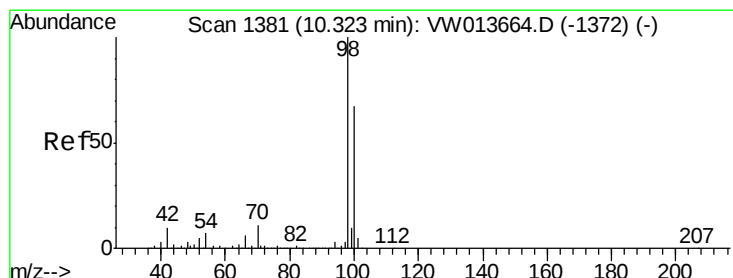
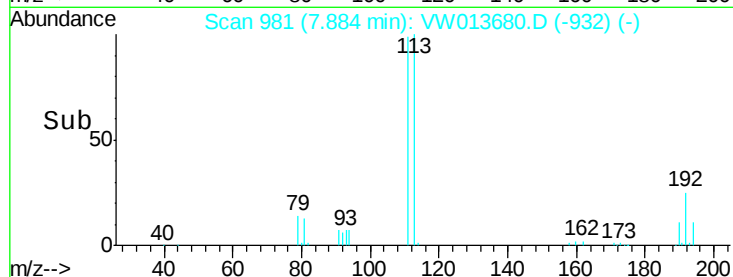
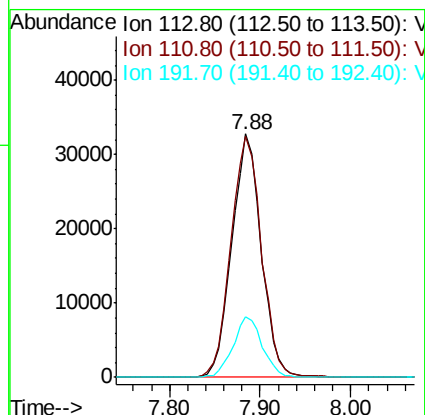
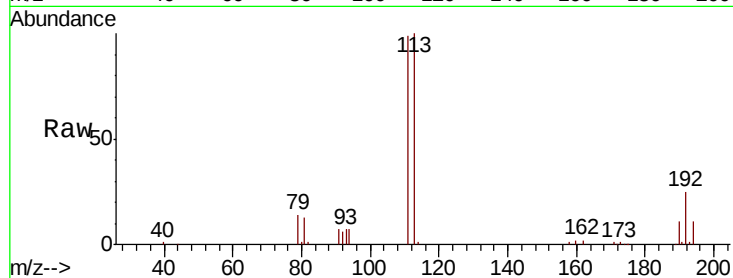




#35
 Dibromofluoromethane
 Concen: 56.762 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013680.D
 Acq: 23 Oct 2019 21:00

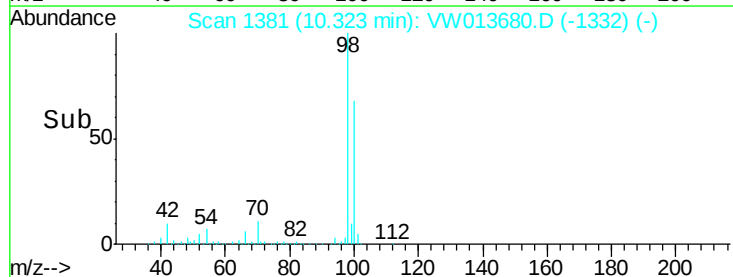
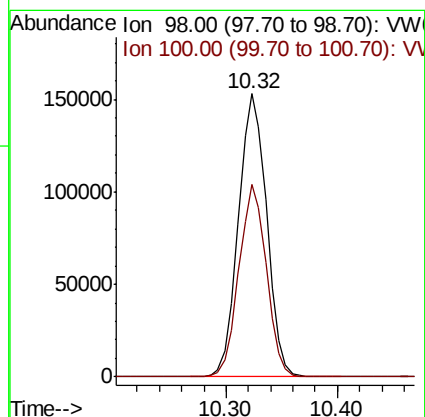
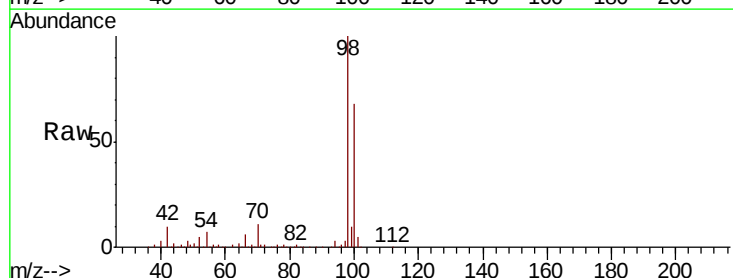
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-24B-D2

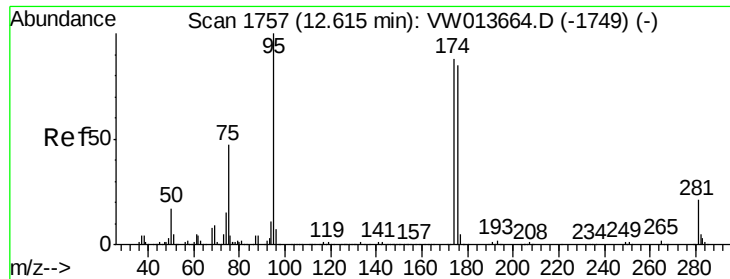
Tot Ion:113 Resp: 73710
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.0 124.6
 192 24.8 19.4 29.2



#50
 Toluene-d8
 Concen: 50.765 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013680.D
 Acq: 23 Oct 2019 21:00

Tgt Ion: 98 Resp: 268618
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.4 80.0

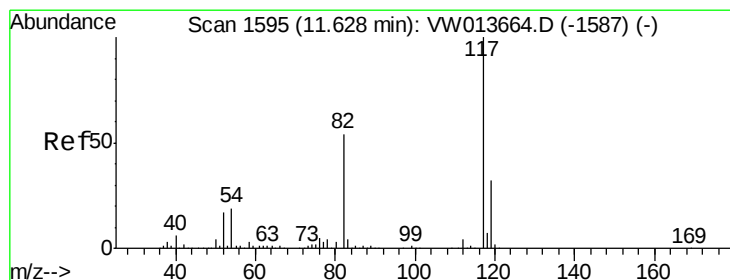
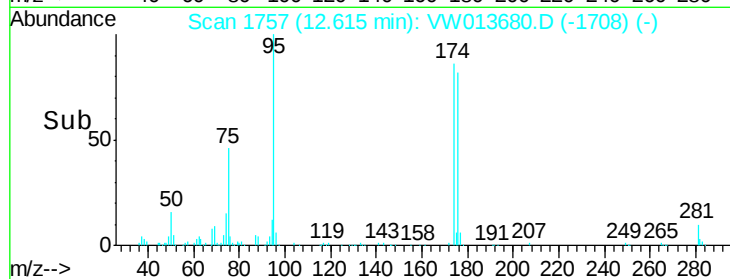
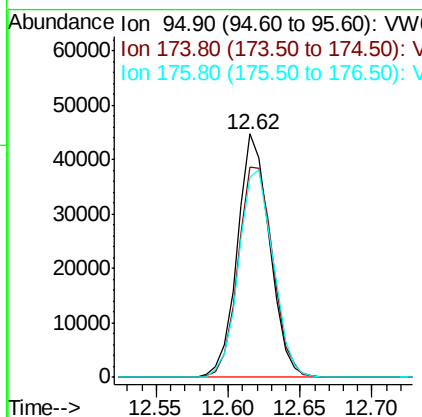
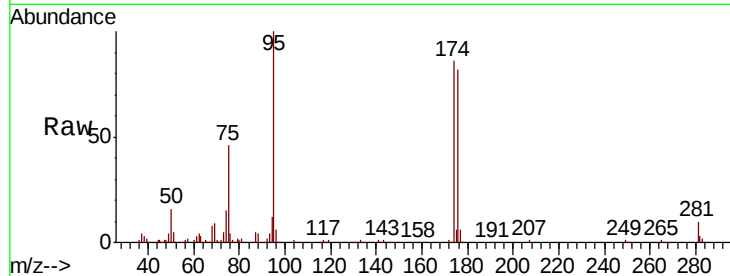




#62
4-Bromofluorobenzene
Concen: 39.062 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013680.D
Acq: 23 Oct 2019 21:00

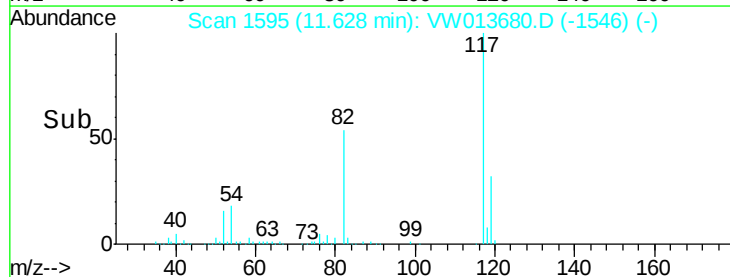
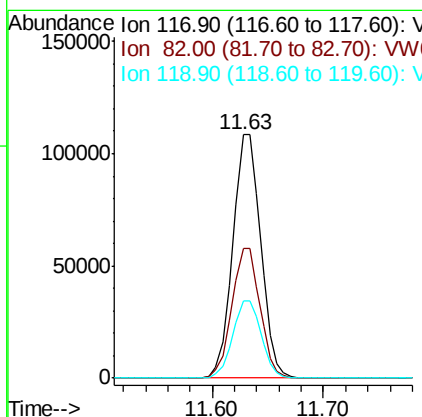
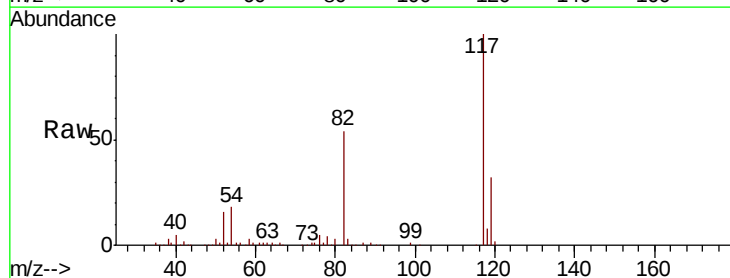
Instrument :
MSVOA_W
ClientSampleId :
TP-24B-D2

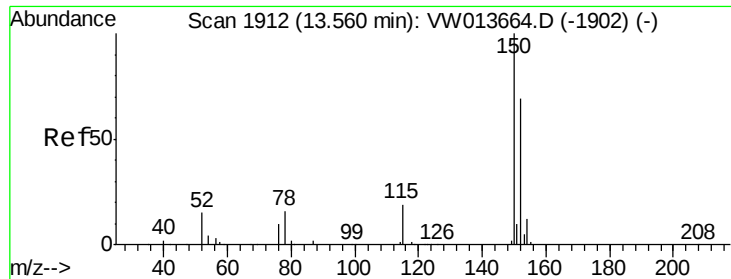
Tot Ion: 95 Resp: 69986
Ion Ratio Lower Upper
95 100
174 92.5 0.0 183.6
176 90.7 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013680.D
Acq: 23 Oct 2019 21:00

Tgt Ion: 117 Resp: 188453
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013680.D

Acq: 23 Oct 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

TP-24B-D2

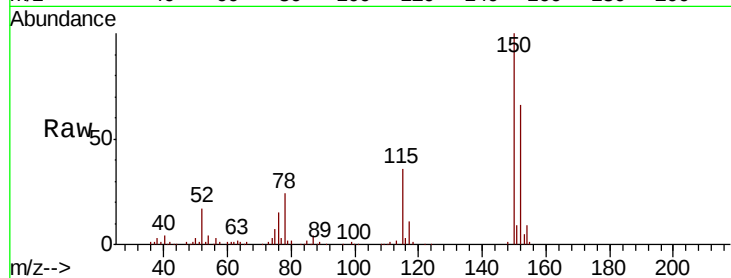
Tot Ion:152 Resp: 60975

Ion Ratio Lower Upper

152 100

115 54.2 27.4 82.2

150 159.4 0.0 345.4



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

