

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007727.D
 Acq On : 20 Dec 2018 05:31
 Operator : SY/AP
 Sample : J6362-02RE
 Misc : 4.32G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P-2RE

Quant Time: Dec 20 07:52:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

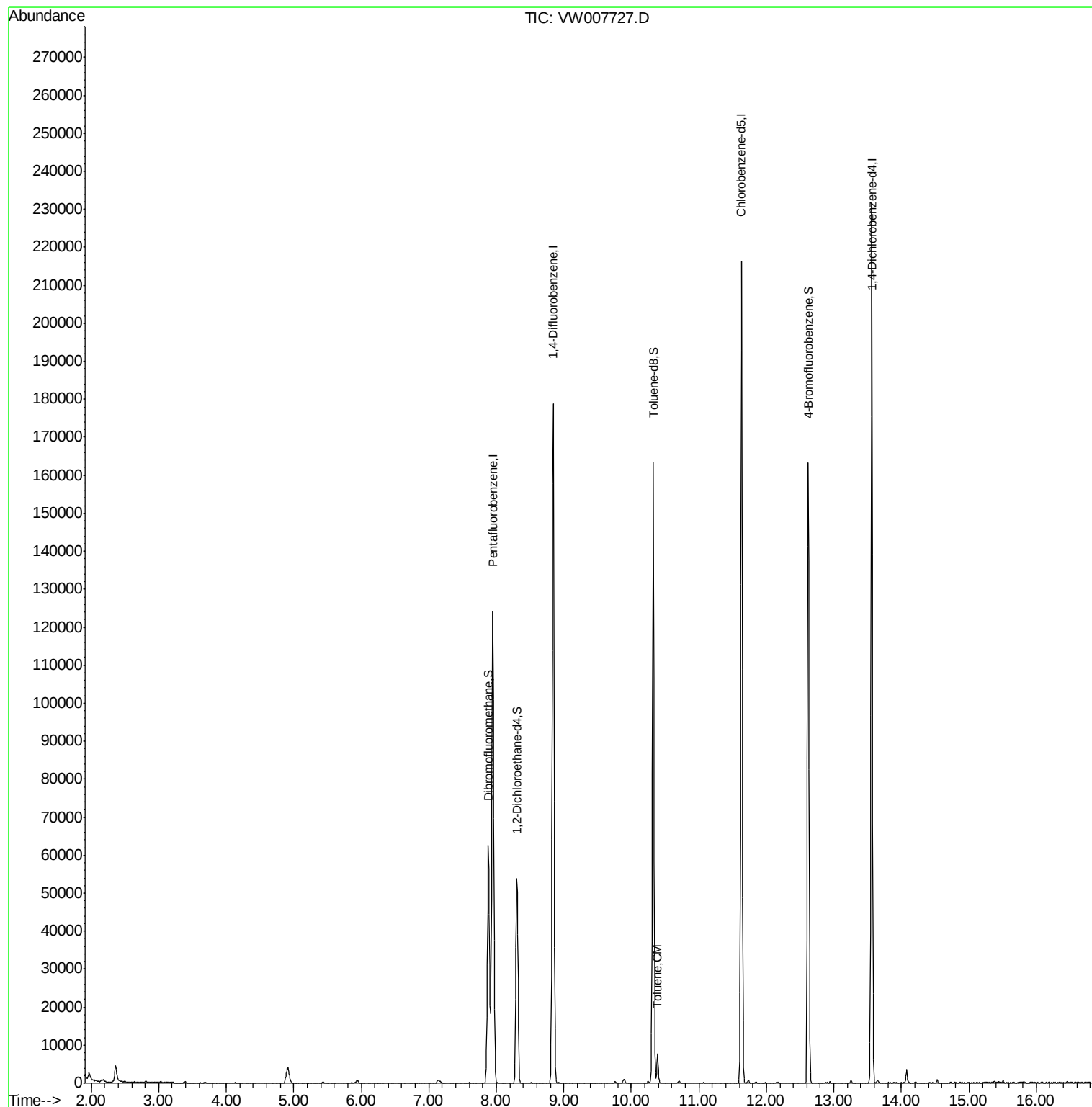
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	156982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	46728	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
35) Dibromofluoromethane	7.88	113	44350	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
50) Toluene-d8	10.32	98	110199	30.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.04%	
62) 4-Bromofluorobenzene	12.62	95	55856	40.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.10%	
Target Compounds						
52) Toluene	10.39	92	3507	1.293	ug/l	Qvalue 96

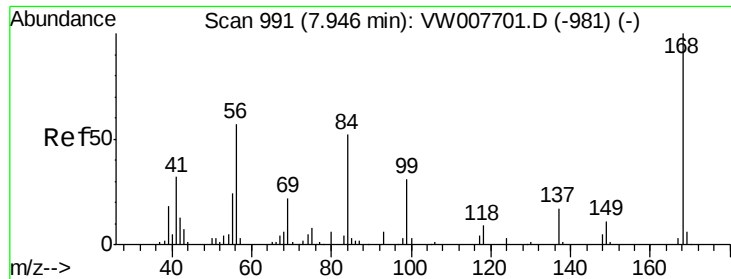
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007727.D

Acq: 20 Dec 2018 05:31

Instrument :

MSVOA_W

ClientSampleId :

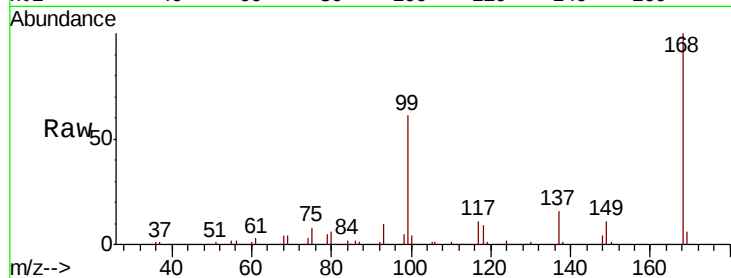
P-2RE

Tot Ion:168 Resp: 92049

Ion Ratio Lower Upper

168 100

99 61.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

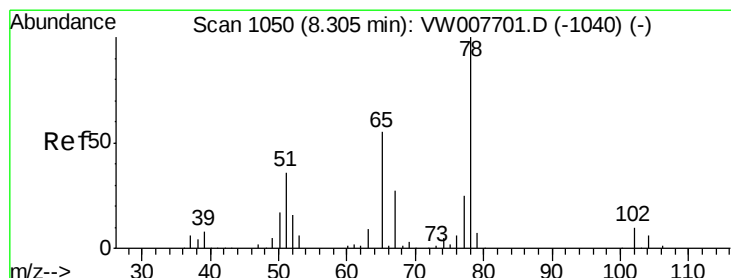
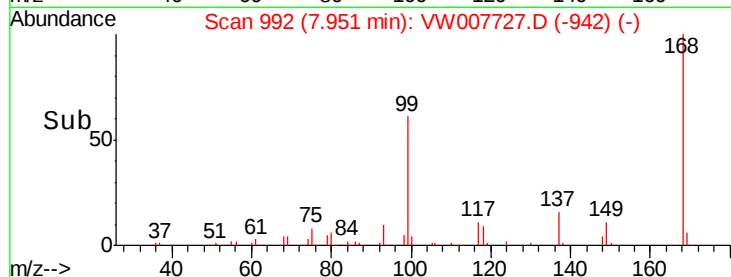
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 46.316 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007727.D

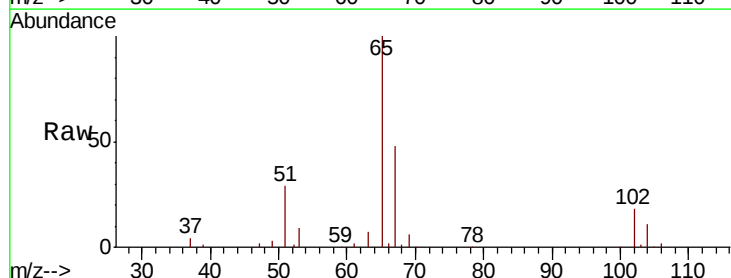
Acq: 20 Dec 2018 05:31

Tgt Ion: 65 Resp: 46728

Ion Ratio Lower Upper

65 100

67 48.4 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

25000

20000

15000

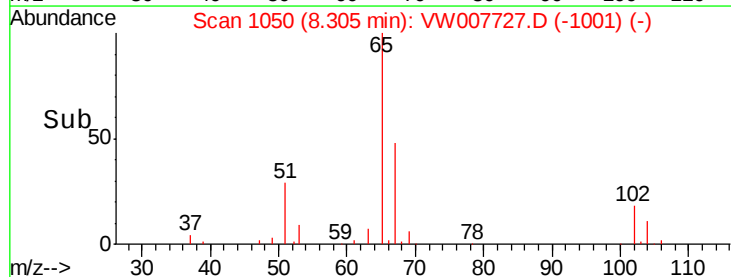
10000

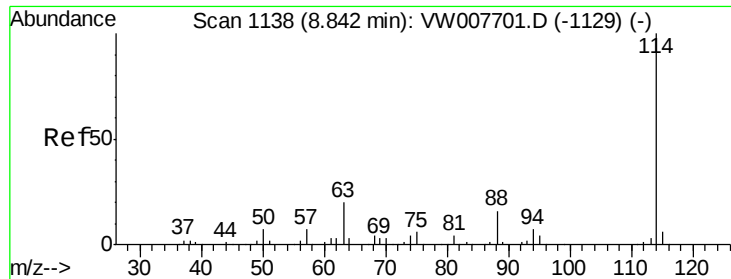
5000

0

Time-->

8.20 8.25 8.30 8.35 8.40

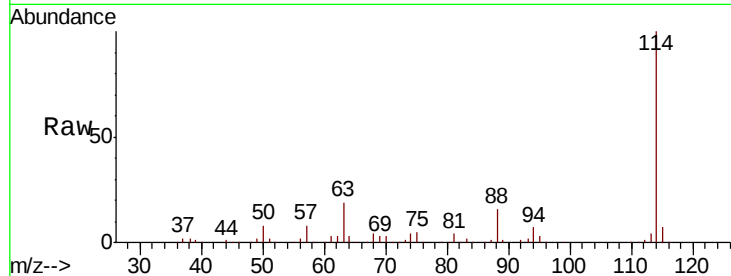




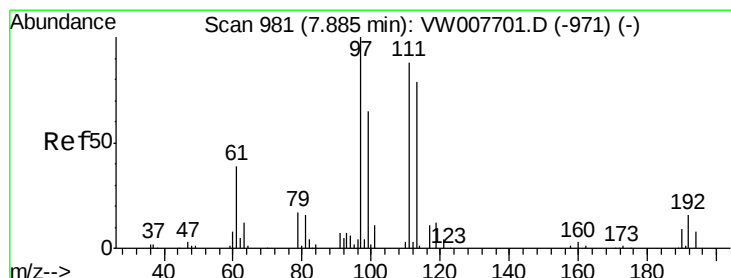
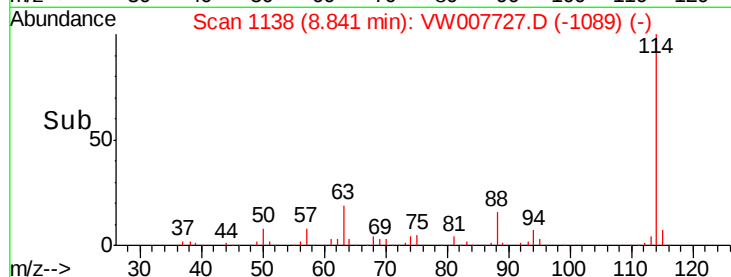
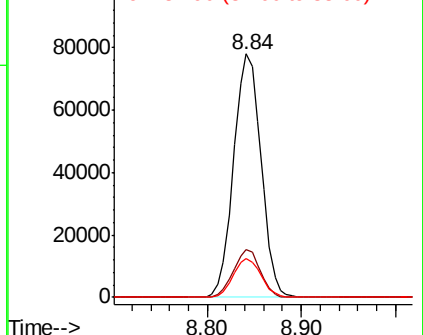
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007727.D
 Acq: 20 Dec 2018 05:31

Instrument :
 MSVOA_W
 ClientSampled :
 P-2RE

Tot Ion:114 Resp: 156982
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.9 0.0 32.6

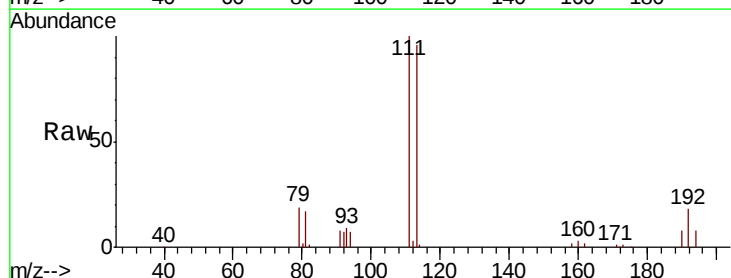


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

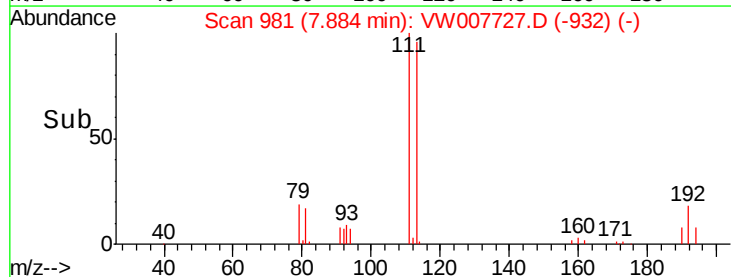
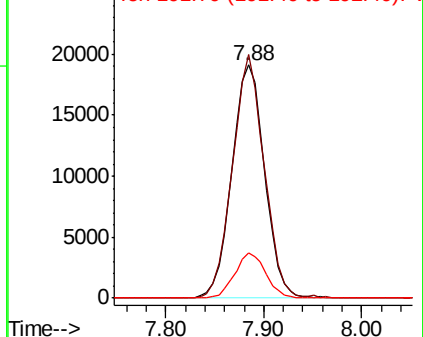


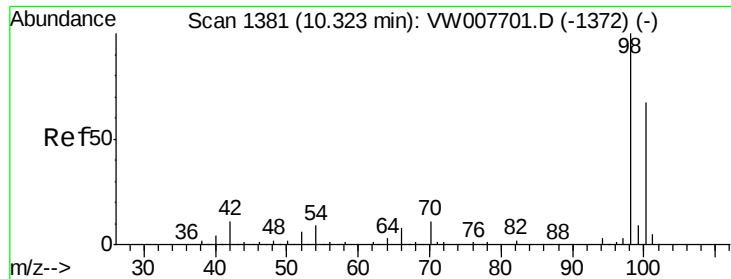
#35
 Dibromofluoromethane
 Concen: 46.310 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007727.D
 Acq: 20 Dec 2018 05:31

Tgt Ion:113 Resp: 44350
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.6 124.0
 192 18.5 15.5 23.3



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: 30.524 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007727.D

Acq: 20 Dec 2018 05:31

Instrument :

MSVOA_W

ClientSampled :

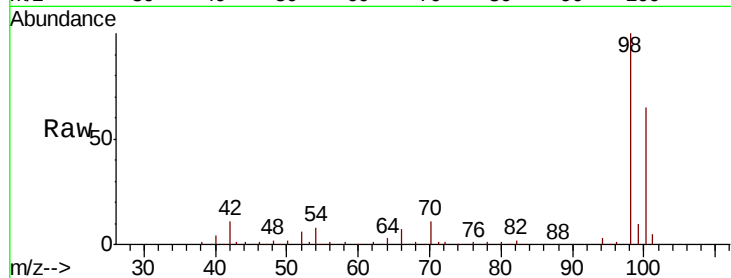
P-2RE

Tot Ion: 98 Resp: 110199

Ion Ratio Lower Upper

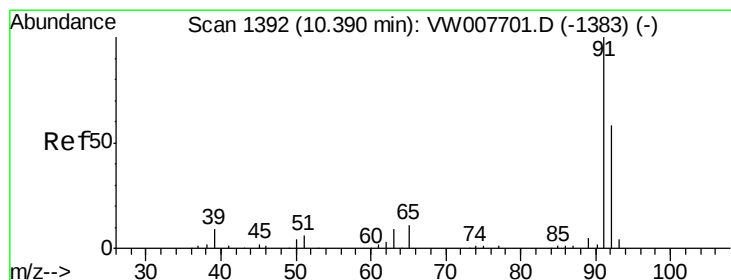
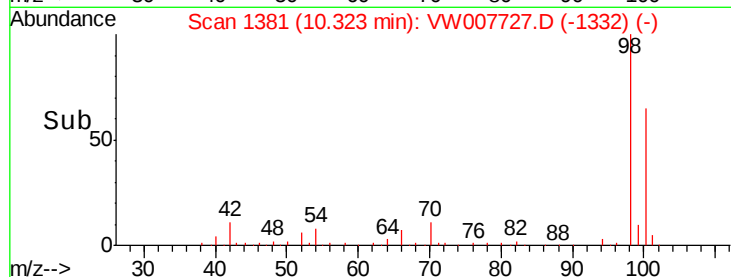
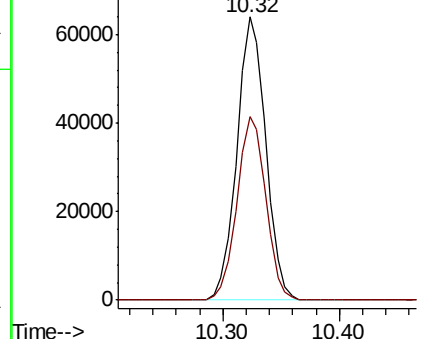
98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.293 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007727.D

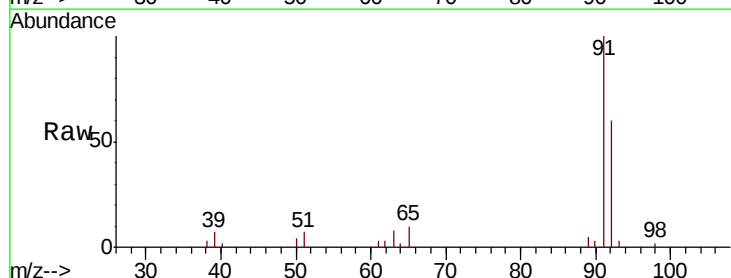
Acq: 20 Dec 2018 05:31

Tgt Ion: 92 Resp: 3507

Ion Ratio Lower Upper

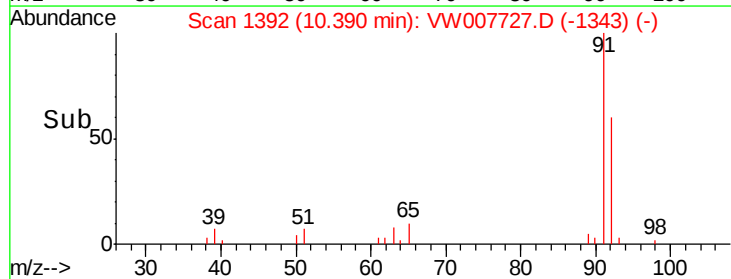
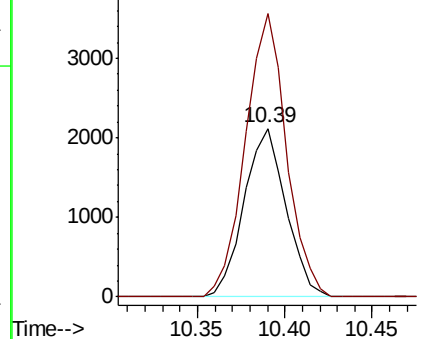
92 100

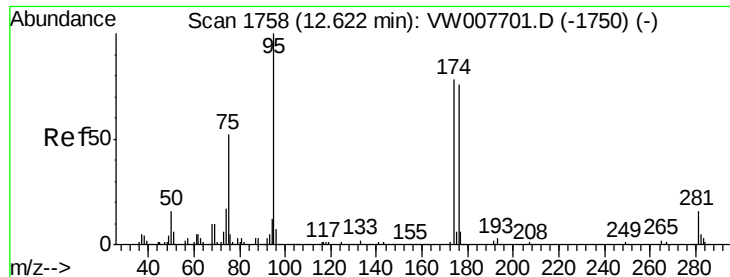
91 165.4 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

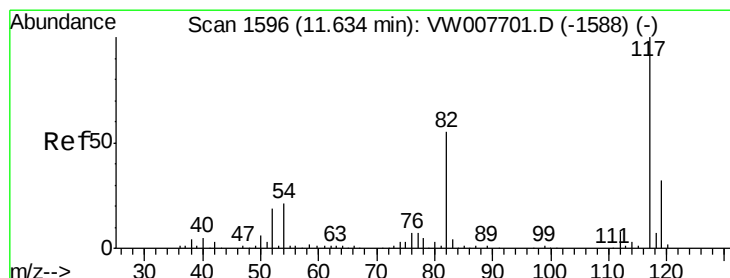
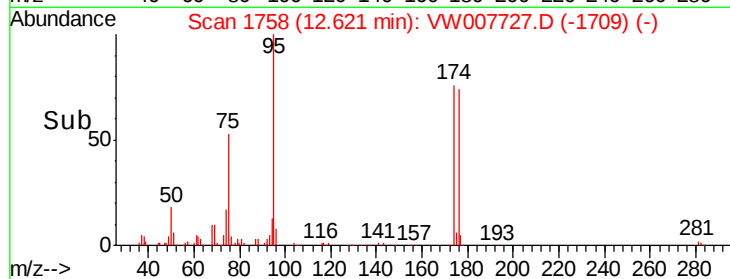
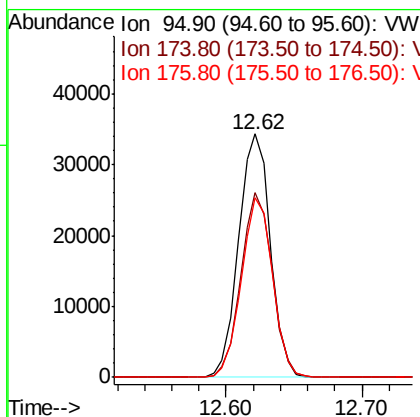
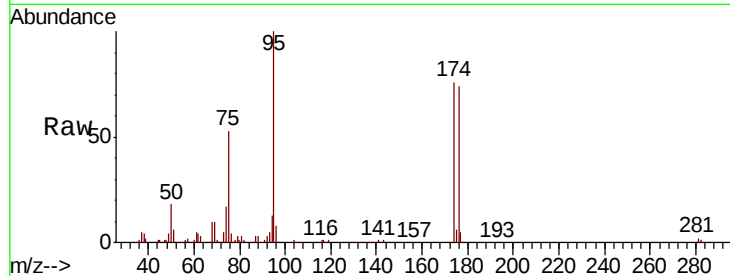




#62
4-Bromofluorobenzene
Concen: 40.048 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007727.D
Acq: 20 Dec 2018 05:31

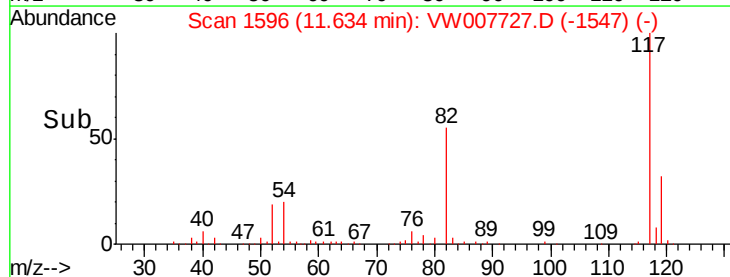
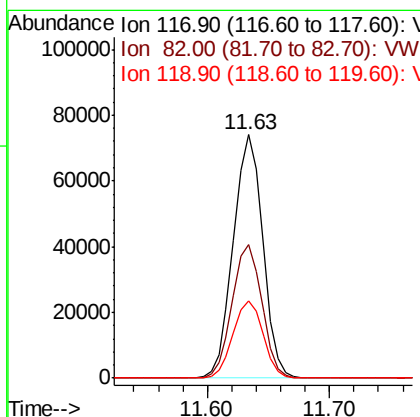
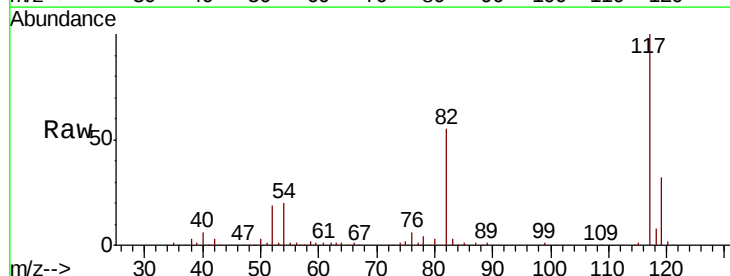
Instrument :
MSVOA_W
ClientSampleId :
P-2RE

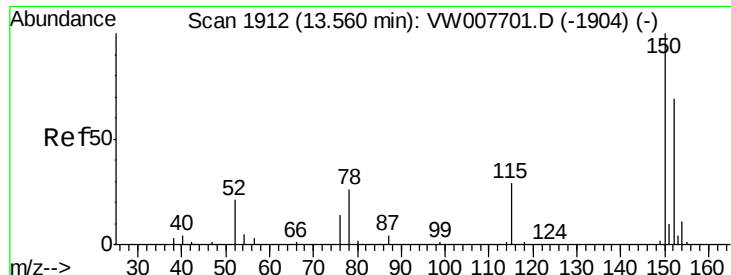
Tot Ion: 95 Resp: 55856
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.2
176 72.6 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007727.D
Acq: 20 Dec 2018 05:31

Tgt Ion: 117 Resp: 123423
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 31.9 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007727.D
 Acq: 20 Dec 2018 05:31

Instrument :
 MSVOA_W
 ClientSampleId :
 P-2RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.8	95.4
150	157.8	0.0	350.8

