

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013036.D
 Acq On : 16 Sep 2019 12:58
 Operator : SY/VA
 Sample : K4857-14
 Misc : 4.46G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-2

Quant Time: Sep 16 13:38:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

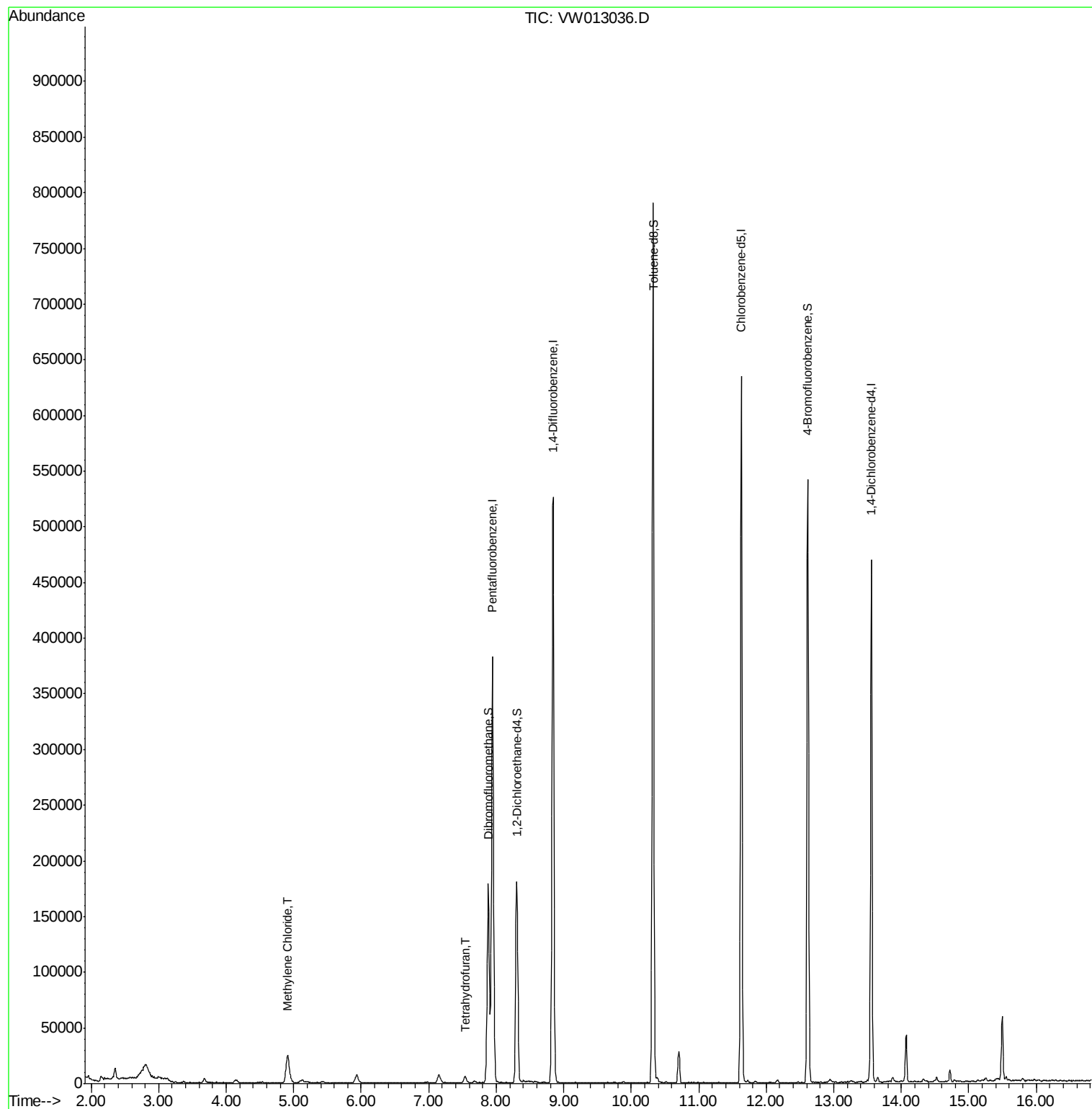
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148261	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
35) Dibromofluoromethane	7.88	113	127976	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
50) Toluene-d8	10.32	98	511541	55.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.16%	
62) 4-Bromofluorobenzene	12.62	95	147760	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
Target Compounds						
20) Methylene Chloride	4.91	84	19824	4.302	ug/l #	91
29) Tetrahydrofuran	7.54	42	5286	10.751	ug/l	99

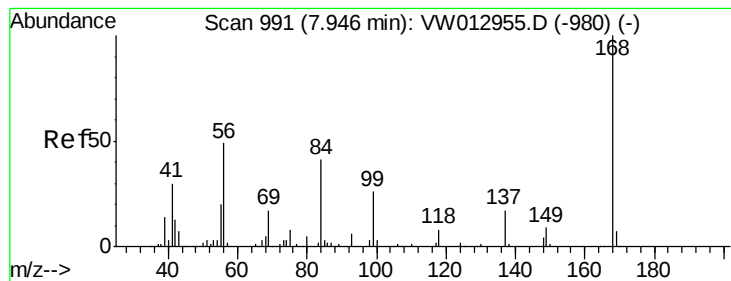
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
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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: VW013036.D

Acq: 16 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampled :

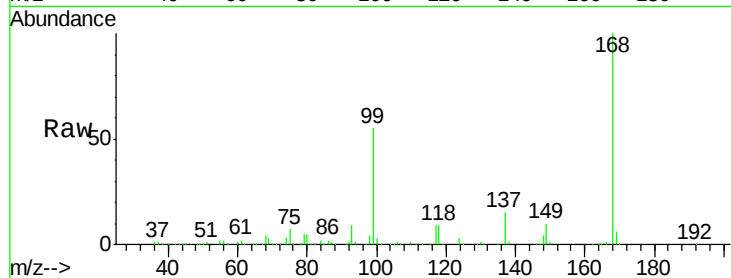
SP-2

Tot Ion:168 Resp: 293829

Ion Ratio Lower Upper

168 100

99 54.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

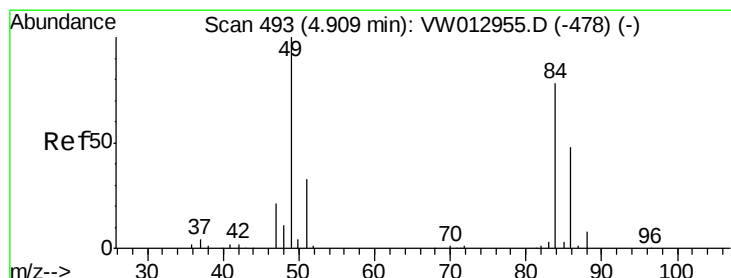
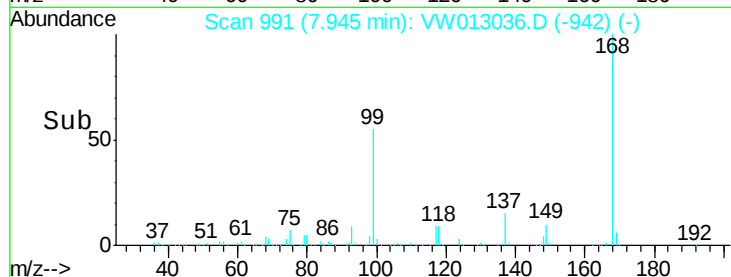
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 4.302 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW013036.D

Acq: 16 Sep 2019 12:58

Tgt Ion: 84 Resp: 19824

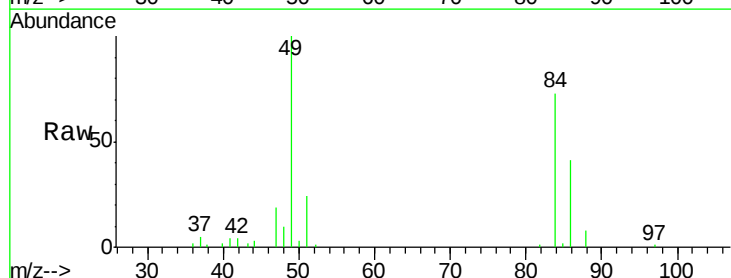
Ion Ratio Lower Upper

84 100

49 137.8 102.0 153.0

51 32.8 34.0 51.0#

86 56.9 48.5 72.7



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

12000

10000

8000

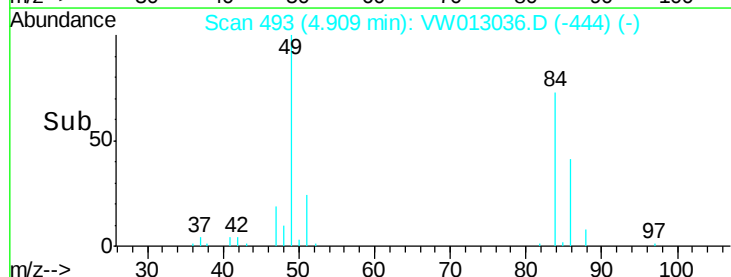
6000

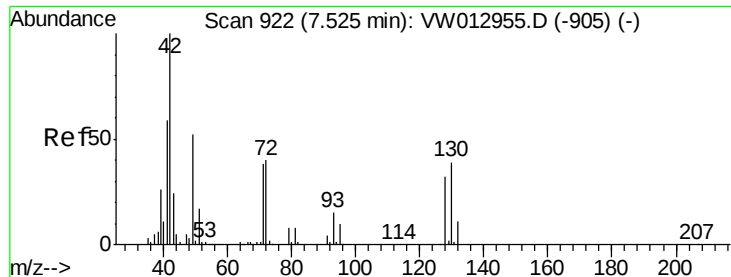
4000

2000

0

Time--> 4.80 4.90 5.00

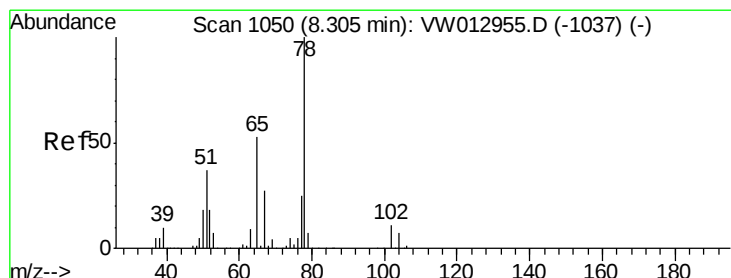
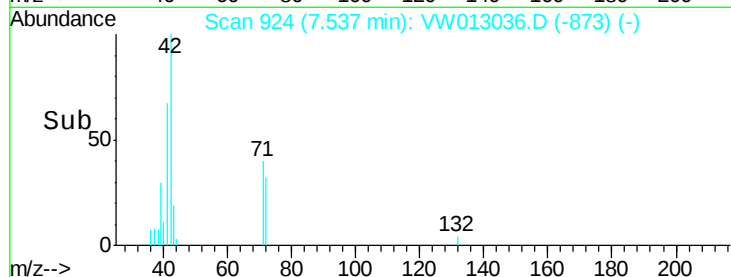
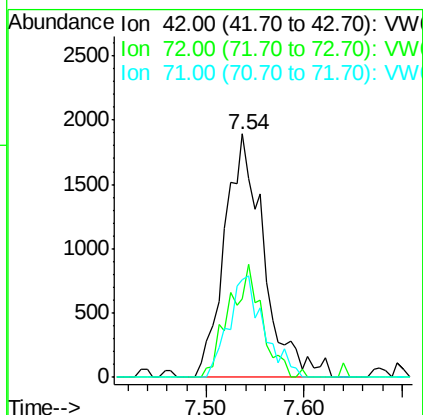
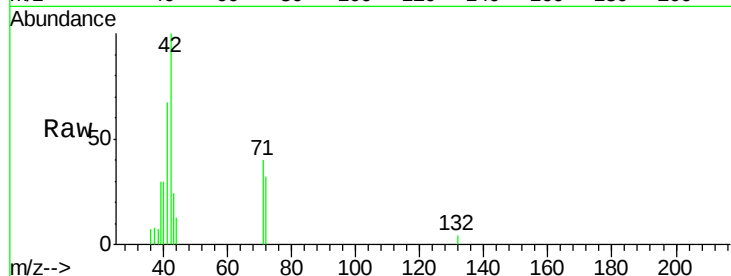




#29
Tetrahydrofuran
Concen: 10.751 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW013036.D
Acq: 16 Sep 2019 12:58

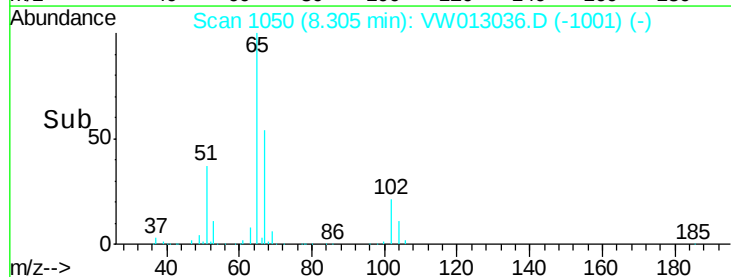
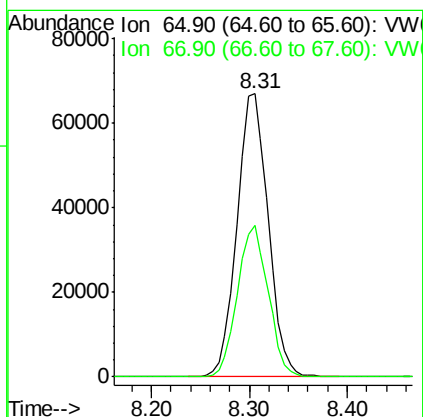
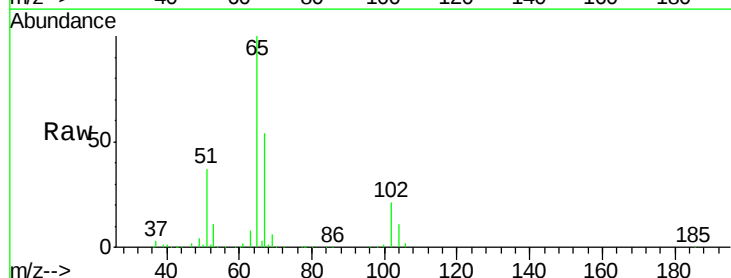
Instrument :
MSVOA_W
ClientSampled :
SP-2

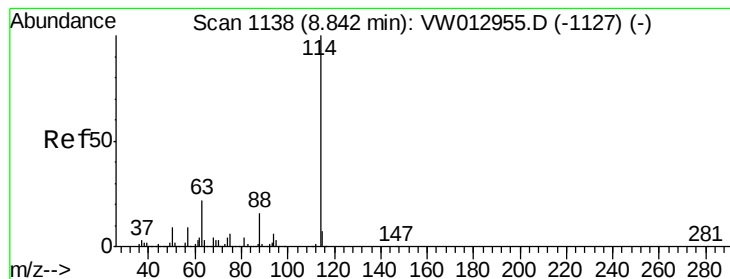
Tot Ion: 42 Resp: 5286
Ion Ratio Lower Upper
42 100
72 38.3 31.4 47.0
71 37.2 29.8 44.8



#33
1,2-Dichloroethane-d4
Concen: 54.634 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013036.D
Acq: 16 Sep 2019 12:58

Tgt Ion: 65 Resp: 148261
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013036.D

Acq: 16 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

SP-2

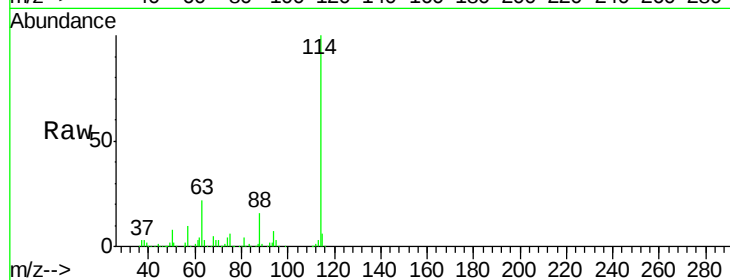
Tot Ion:114 Resp: 433495

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

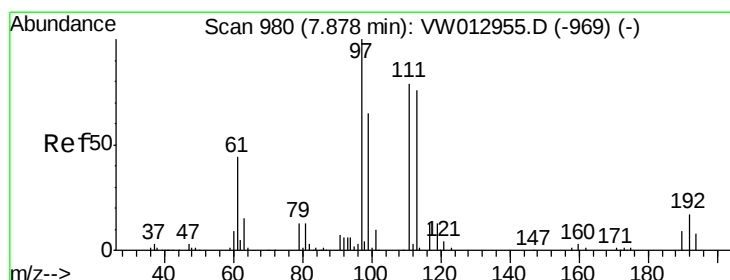
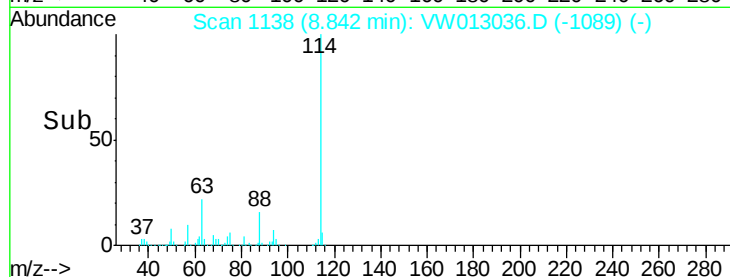
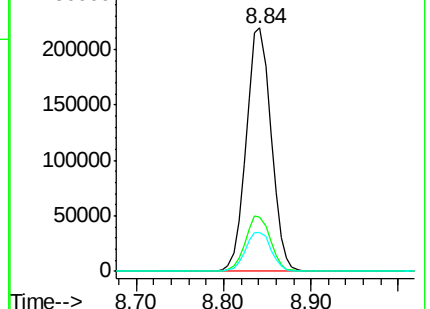
88 16.2 0.0 31.6



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: 54.407 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013036.D

Acq: 16 Sep 2019 12:58

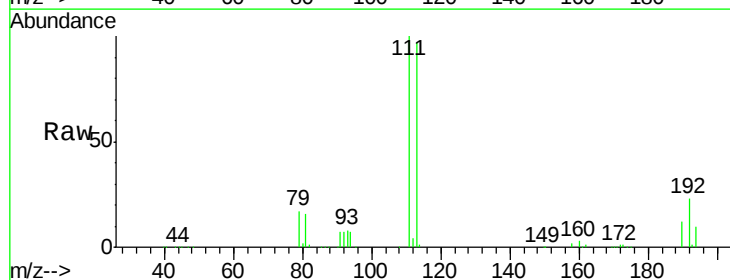
Tgt Ion:113 Resp: 127976

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

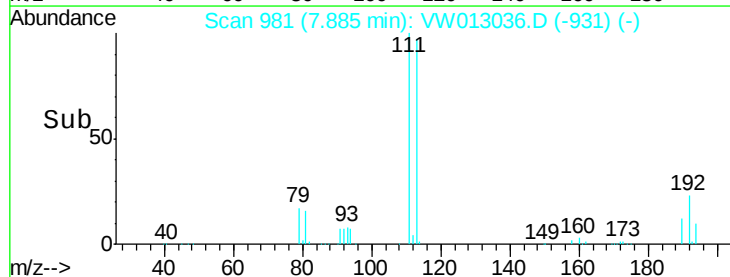
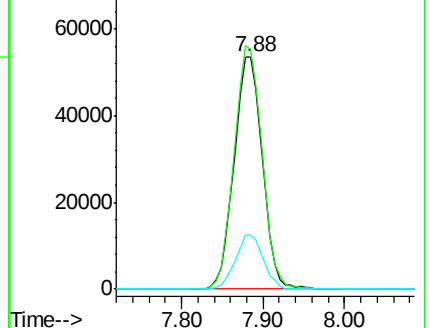
192 23.0 17.8 26.8

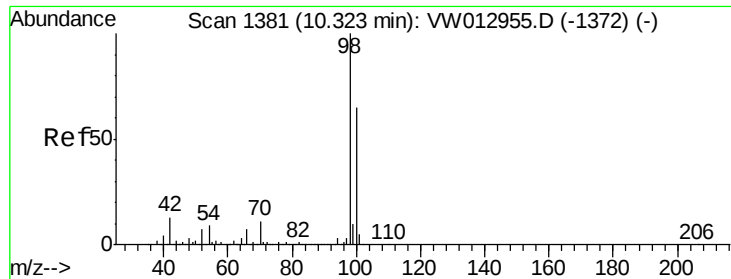


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.576 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013036.D

Acq: 16 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

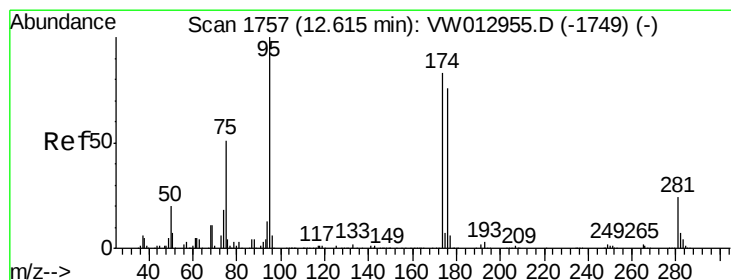
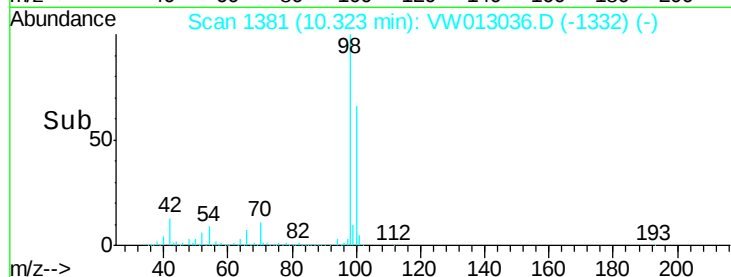
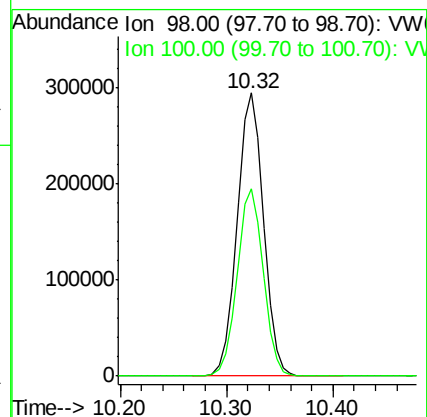
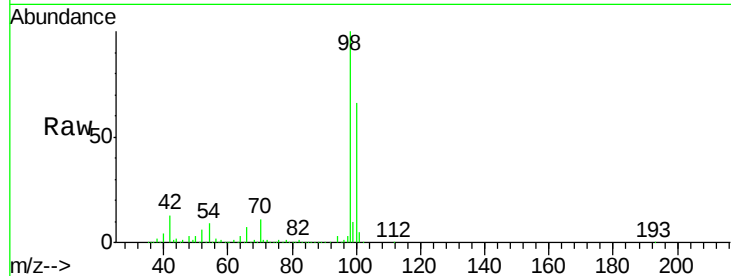
SP-2

Tot Ion: 98 Resp: 511541

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.644 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013036.D

Acq: 16 Sep 2019 12:58

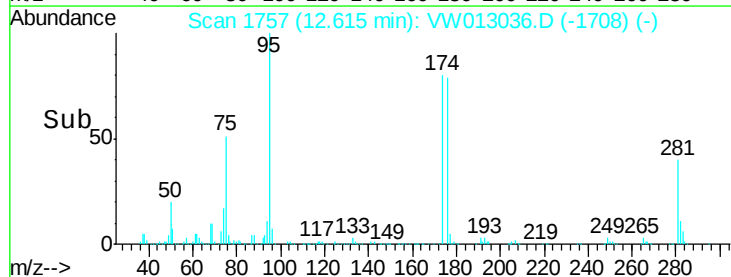
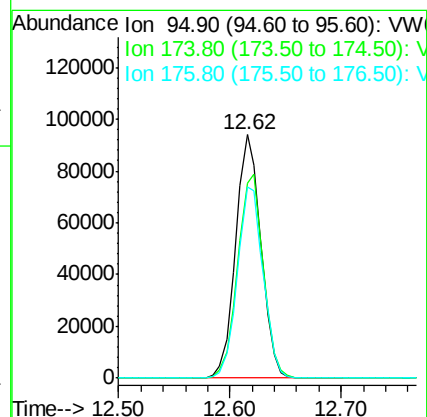
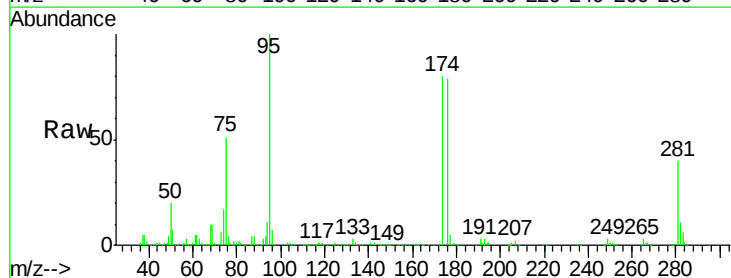
Tgt Ion: 95 Resp: 147760

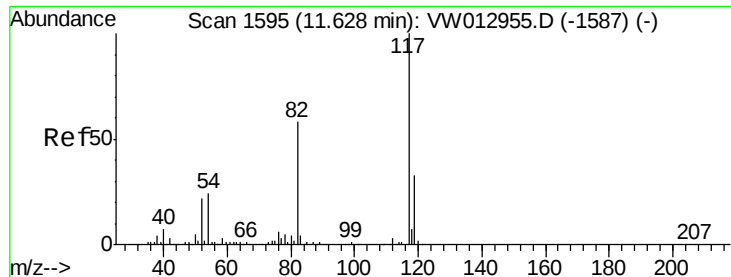
Ion Ratio Lower Upper

95 100

174 84.8 0.0 170.4

176 80.1 0.0 164.6

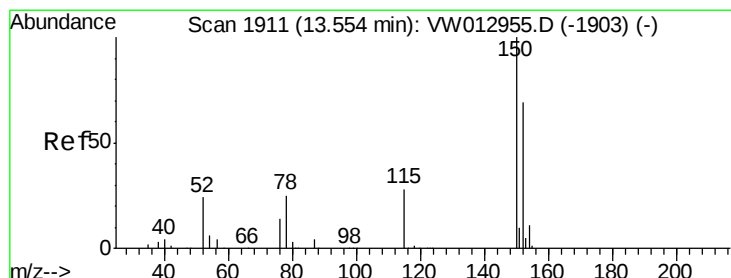
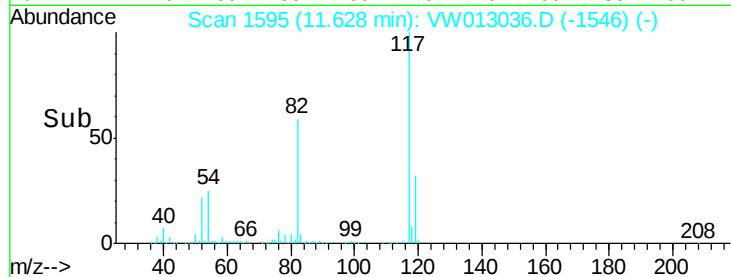
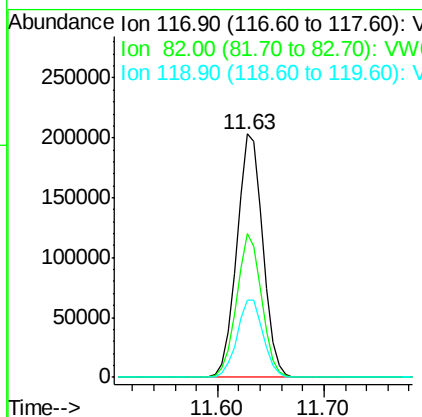
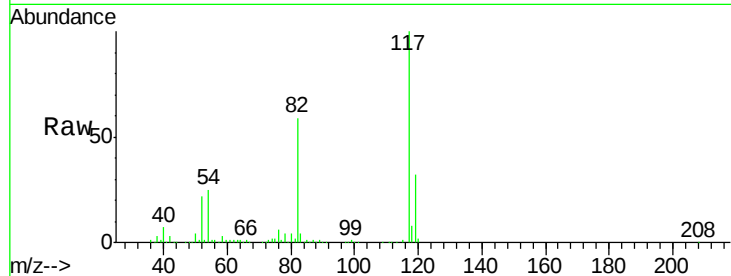




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013036.D
Acq: 16 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
SP-2

Tot Ion:117 Resp: 347476
Ion Ratio Lower Upper
117 100
82 59.3 46.3 69.5
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013036.D
Acq: 16 Sep 2019 12:58

Tgt Ion:152 Resp: 124355
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.4
150 157.6 0.0 340.2

