

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013364.D
 Acq On : 01 Oct 2019 06:25
 Operator : SY/VA
 Sample : K5105-01
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WASTE

Quant Time: Oct 01 07:15:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

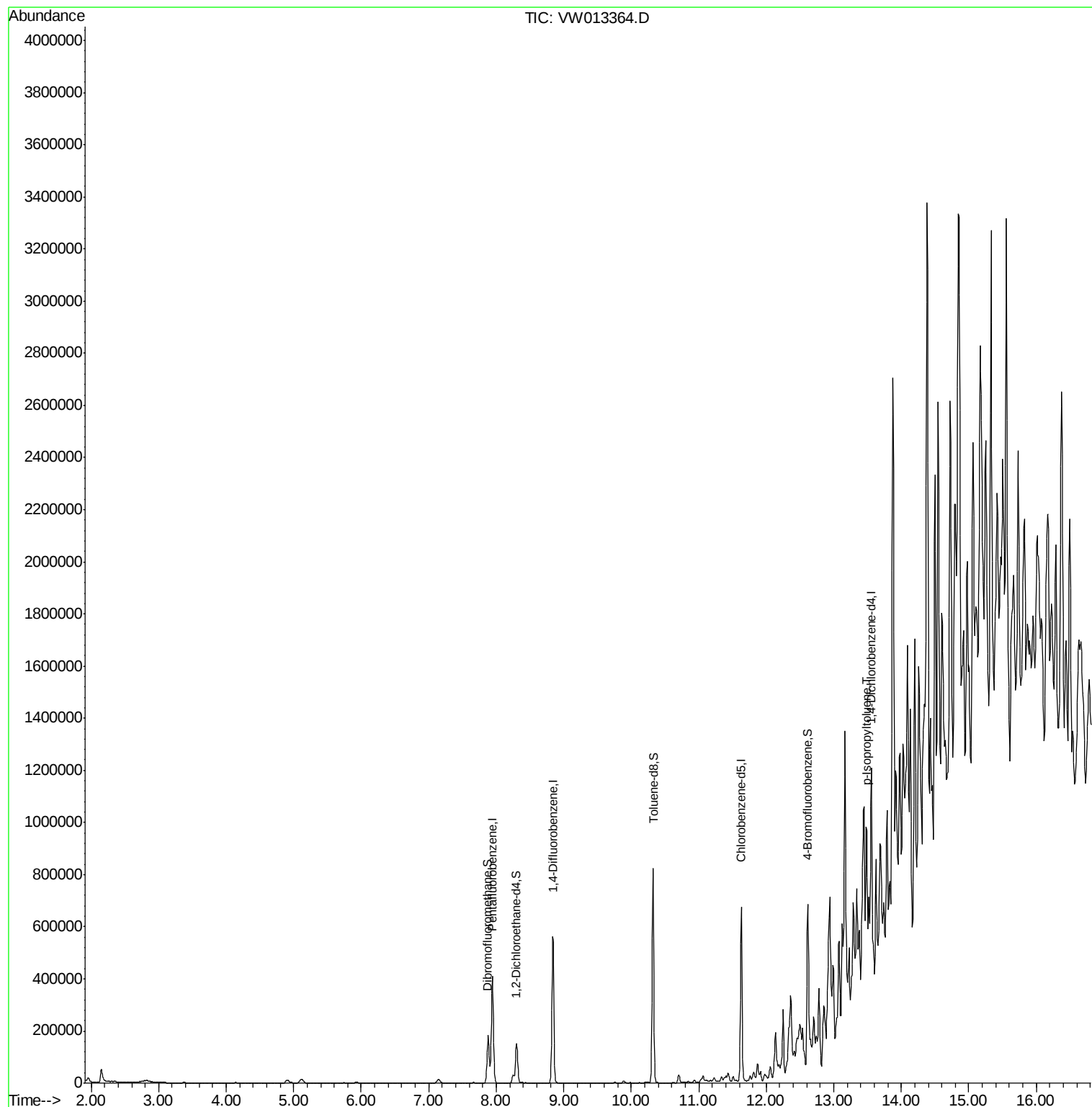
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	350551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	506068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	403278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	168633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	117662	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
35) Dibromofluoromethane	7.88	113	131442	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	10.32	98	559256	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.62	95	169246	42.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.06%	
Target Compounds						
86) p-Isopropyltoluene	13.49	119	23458	1.996	ug/l	Qvalue 93

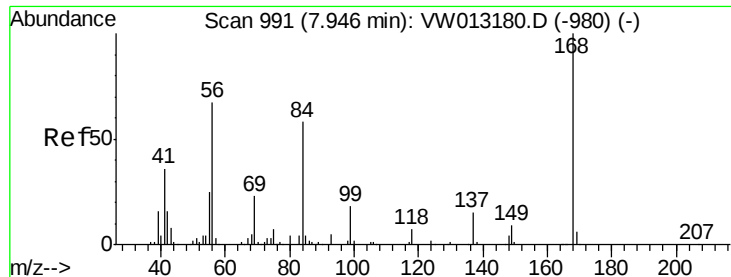
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013364.D

Acq: 01 Oct 2019 06:25

Instrument :

MSVOA_W

ClientSampled :

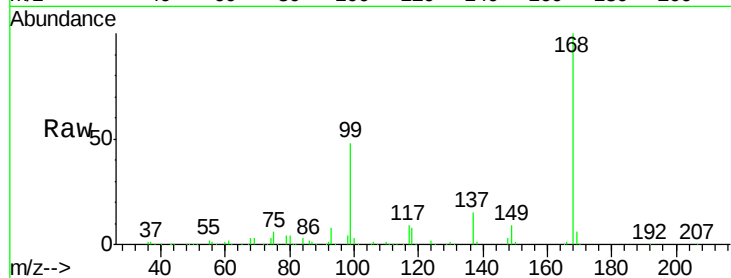
WASTE

Tot Ion:168 Resp: 350551

Ion Ratio Lower Upper

168 100

99 47.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

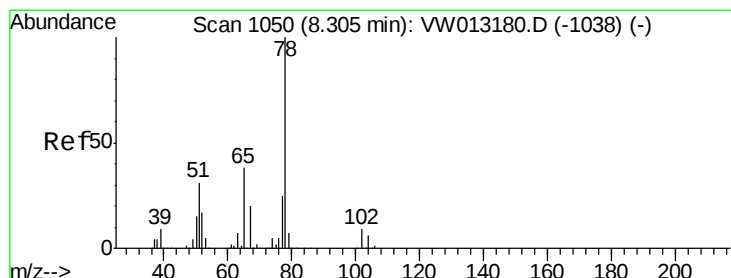
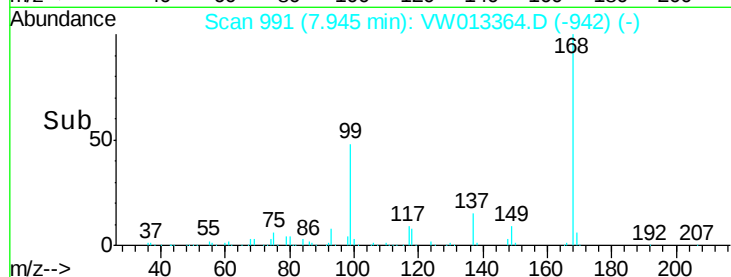
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.126 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013364.D

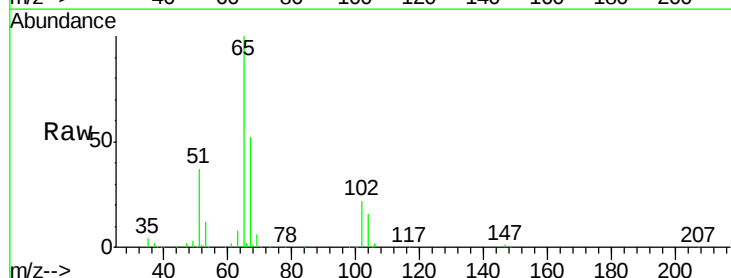
Acq: 01 Oct 2019 06:25

Tgt Ion: 65 Resp: 117662

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

50000

40000

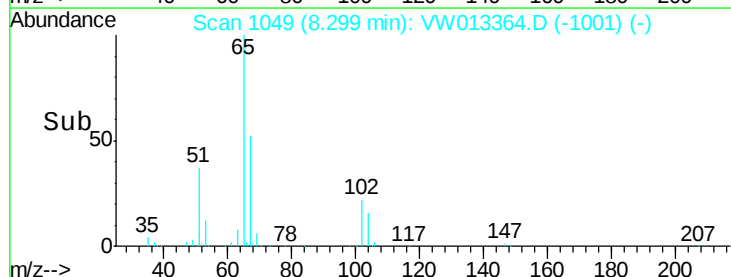
30000

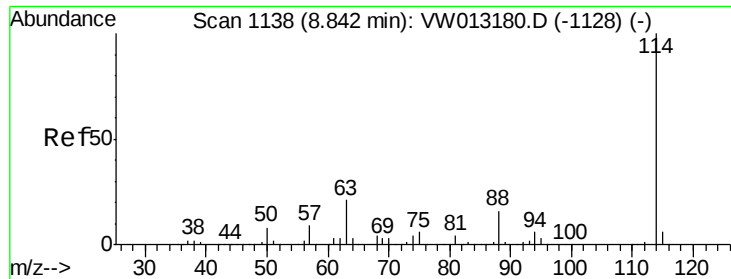
20000

10000

0

Time-->

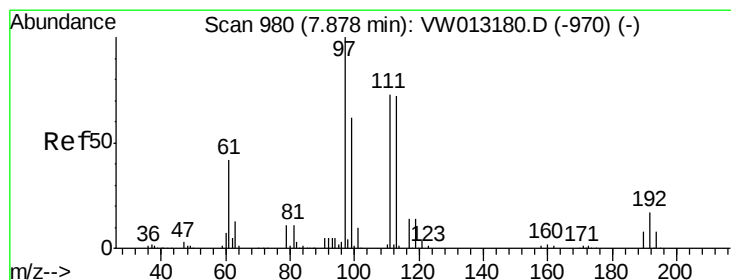
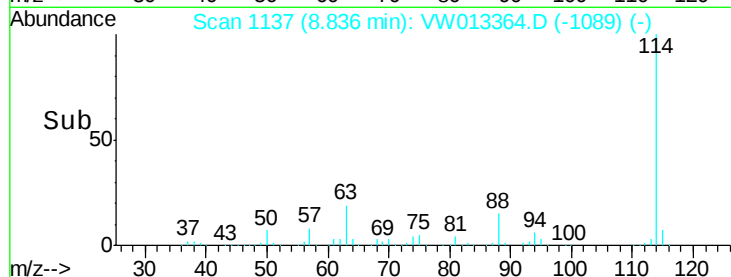
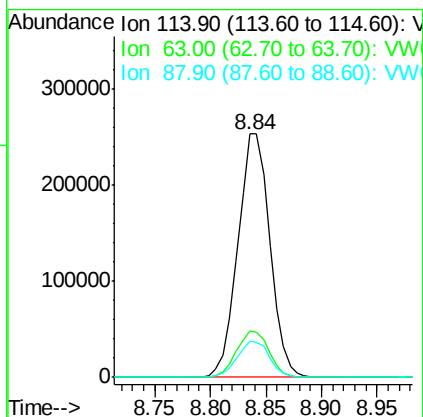
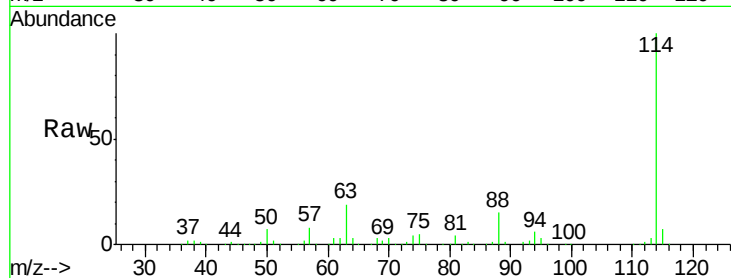




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013364.D
 Acq: 01 Oct 2019 06:25

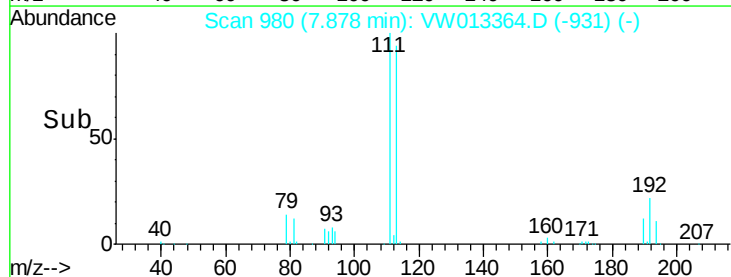
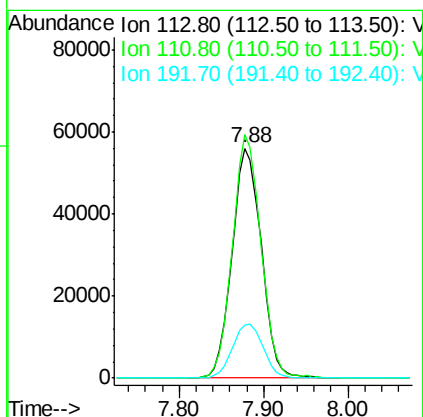
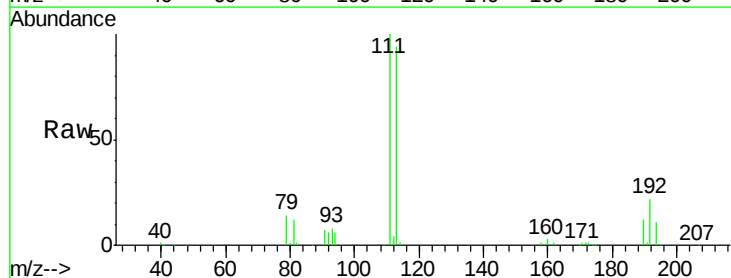
Instrument :
 MSVOA_W
 ClientSampleId :
 WASTE

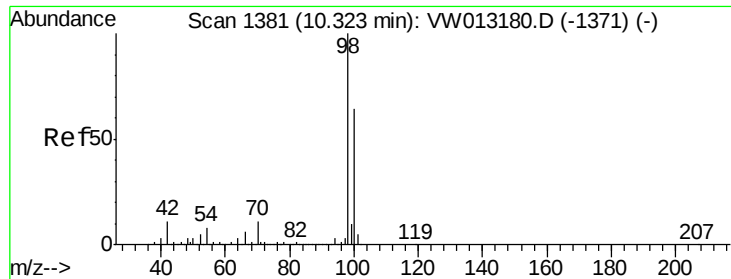
Tot Ion:114 Resp: 506068
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 14.7 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 47.224 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013364.D
 Acq: 01 Oct 2019 06:25

Tgt Ion:113 Resp: 131442
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.9 122.9
 192 24.7 19.1 28.7





#50

Toluene-d8

Concen: 48.010 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013364.D

Acq: 01 Oct 2019 06:25

Instrument :

MSVOA_W

ClientSampleId :

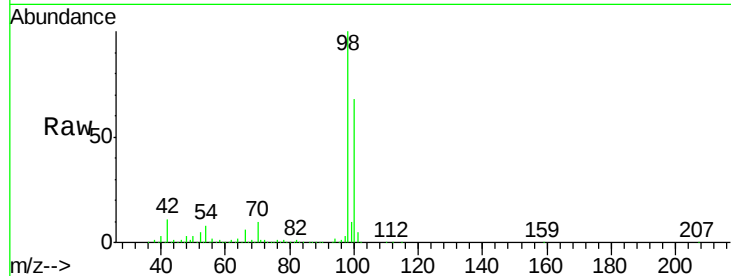
WASTE

Tot Ion: 98 Resp: 559256

Ion Ratio Lower Upper

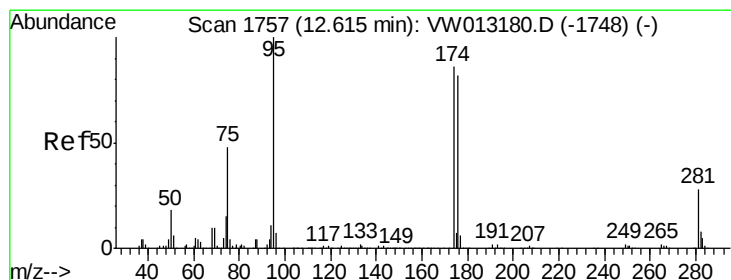
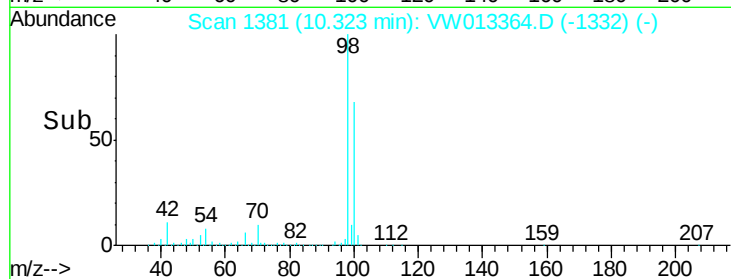
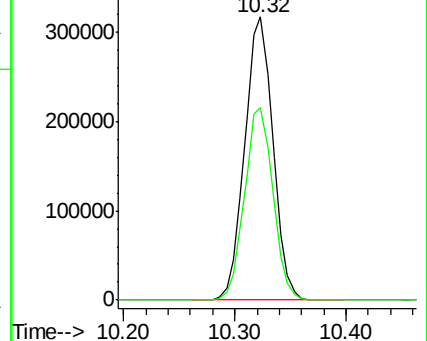
98 100

100 68.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.534 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013364.D

Acq: 01 Oct 2019 06:25

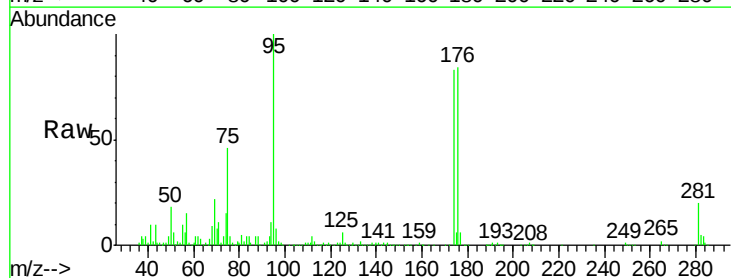
Tgt Ion: 95 Resp: 169246

Ion Ratio Lower Upper

95 100

174 88.5 0.0 178.4

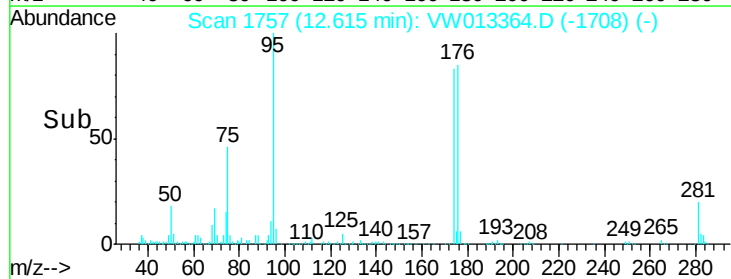
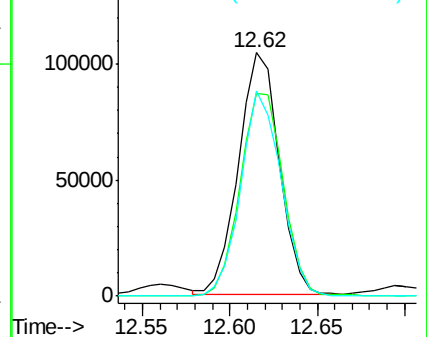
176 83.7 0.0 172.2

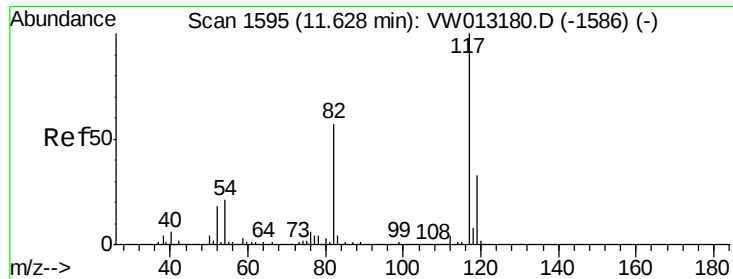


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

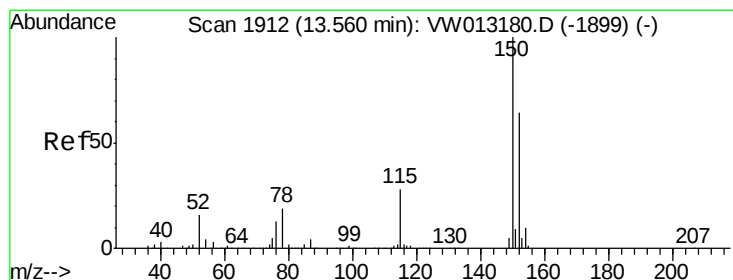
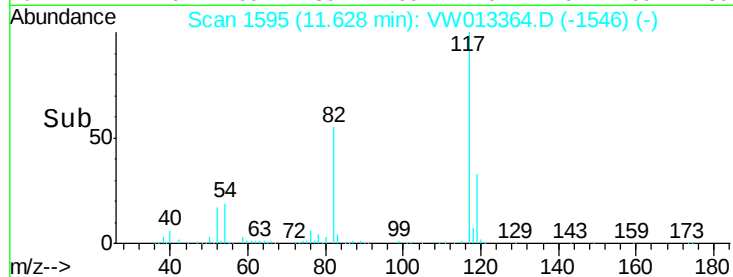
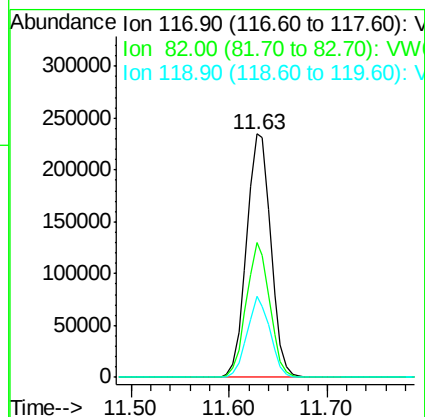
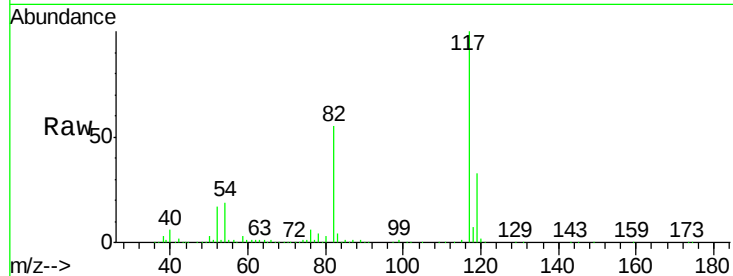




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013364.D
Acq: 01 Oct 2019 06:25

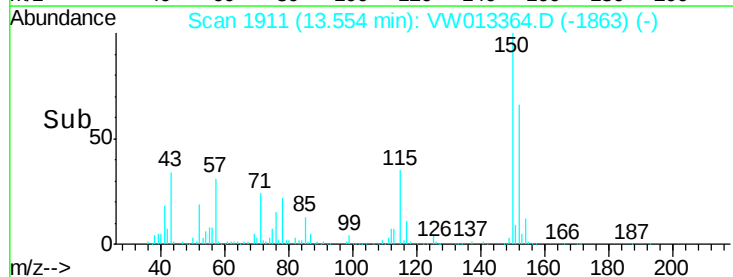
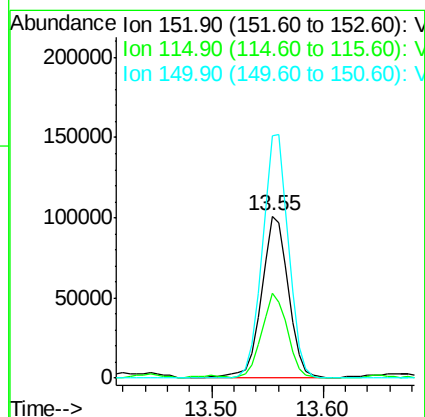
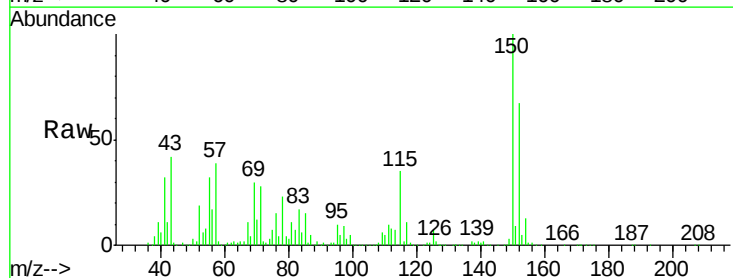
Instrument :
MSVOA_W
ClientSampleId :
WASTE

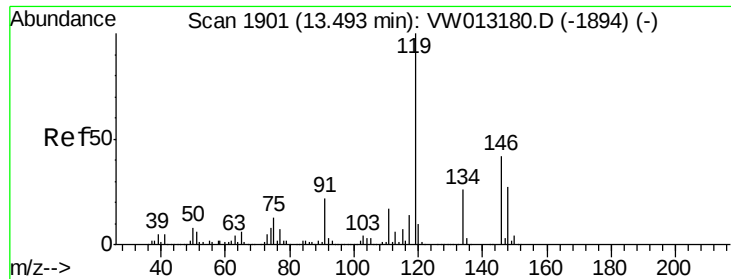
Tot Ion:117 Resp: 403278
Ion Ratio Lower Upper
117 100
82 55.3 45.9 68.9
119 33.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013364.D
Acq: 01 Oct 2019 06:25

Tgt Ion:152 Resp: 168633
Ion Ratio Lower Upper
152 100
115 50.3 27.3 81.9
150 147.2 0.0 349.0

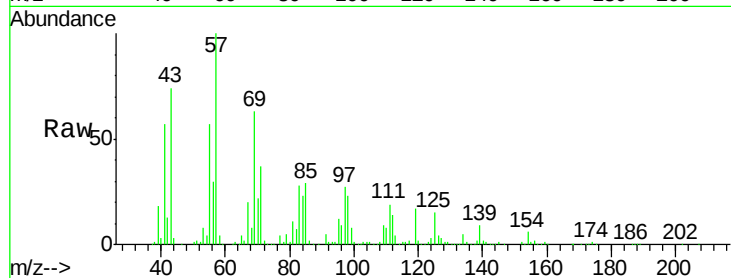




#86
 p-Isopropyltoluene
 Concen: 1.996 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW013364.D
 Acq: 01 Oct 2019 06:25

Instrument :
 MSVOA_W
 ClientSampleId :
 WASTE

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.5	13.3	39.8
91	25.9	10.8	32.4



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VW

