

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012975.D
 Acq On : 14 Sep 2019 01:16
 Operator : SY/VA
 Sample : K4719-14
 Misc : 4.67G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-3-(1.5)-HELLGATE

Quant Time: Sep 14 05:36:13 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

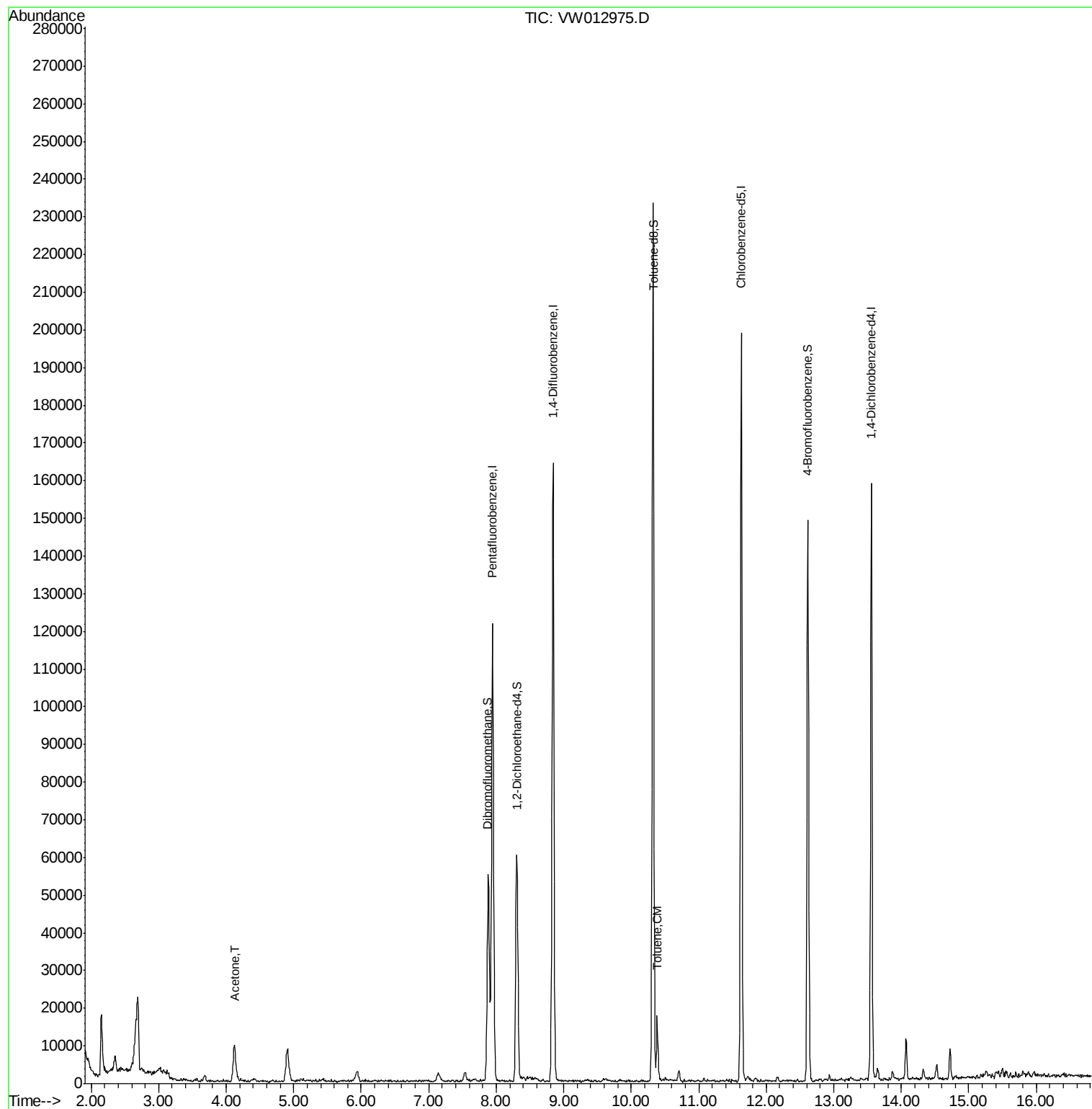
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	130293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49494	58.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.28%	
35) Dibromofluoromethane	7.88	113	40085	56.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.40%	
50) Toluene-d8	10.32	98	154896	55.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.98%	
62) 4-Bromofluorobenzene	12.62	95	44876	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
16) Acetone	4.12	43	17556	81.901	ug/l	99
52) Toluene	10.38	92	6739	3.649	ug/l	98

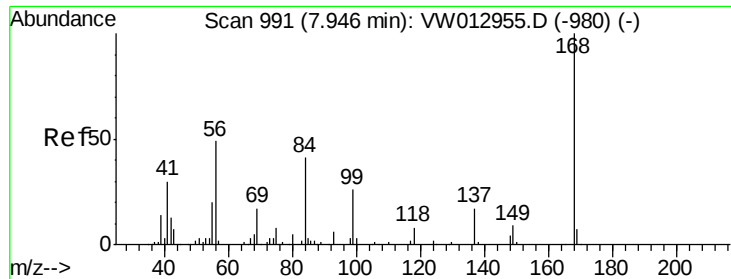
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
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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: VW012975.D

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Instrument :

MSVOA_W

ClientSampleId :

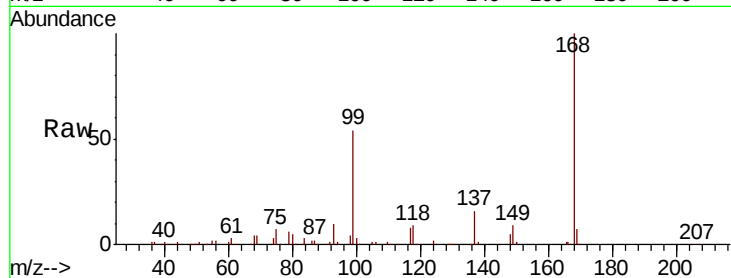
T4-3-(1.5)-HELLGATE

Tgt Ion:168 Resp: 92170

Ion Ratio Lower Upper

168 100

99 54.1 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

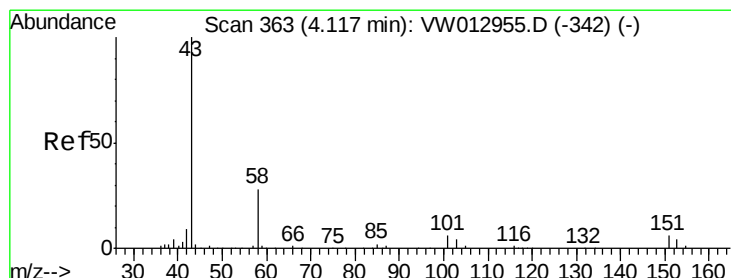
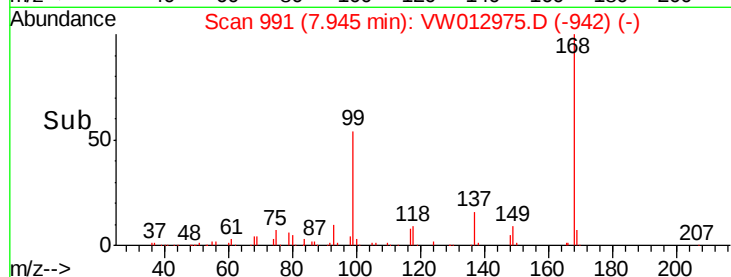
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 81.901 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012975.D

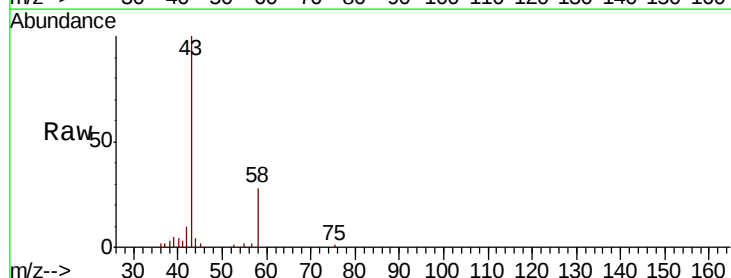
Acq: 14 Sep 2019 01:16

Tgt Ion: 43 Resp: 17556

Ion Ratio Lower Upper

43 100

58 28.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

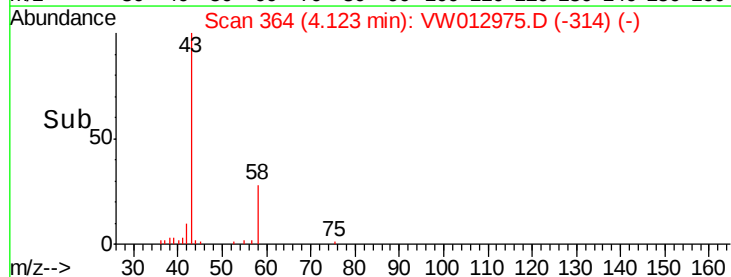
4000

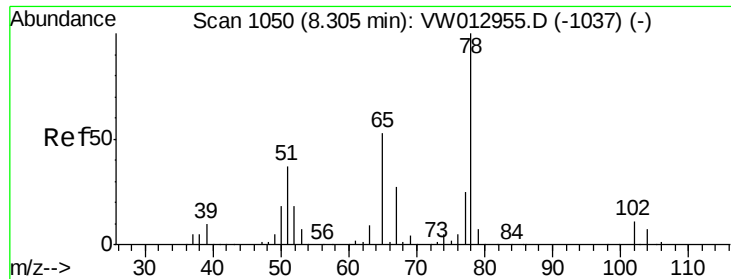
2000

0

4.00 4.10 4.20

Time-->

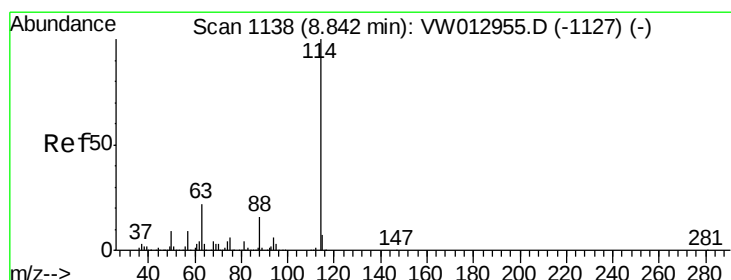
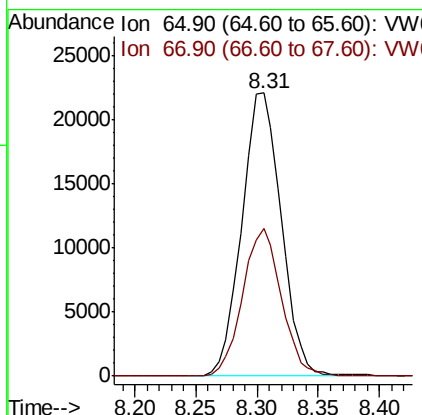
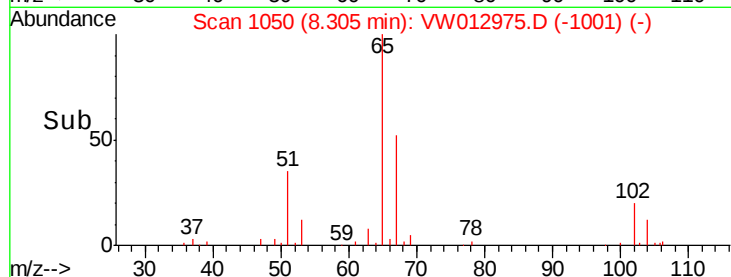
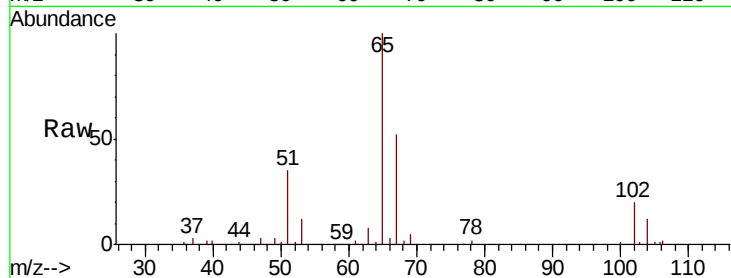




#33
 1,2-Dichloroethane-d4
 Concen: 58.142 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012975.D
 Acq: 14 Sep 2019 01:16

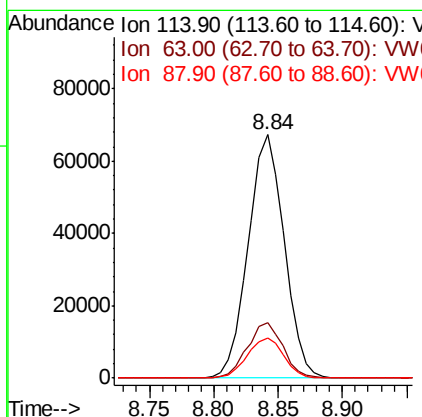
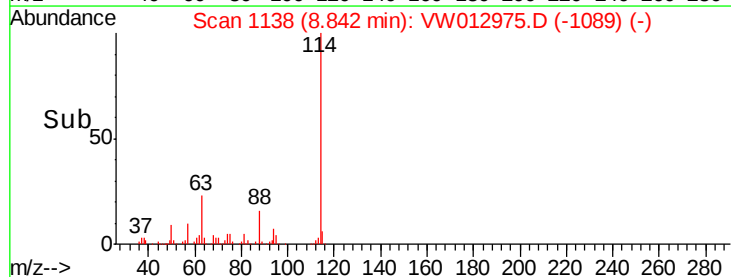
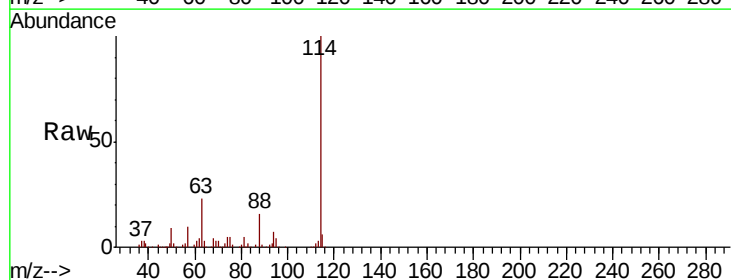
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-3-(1.5)-HELLGATE

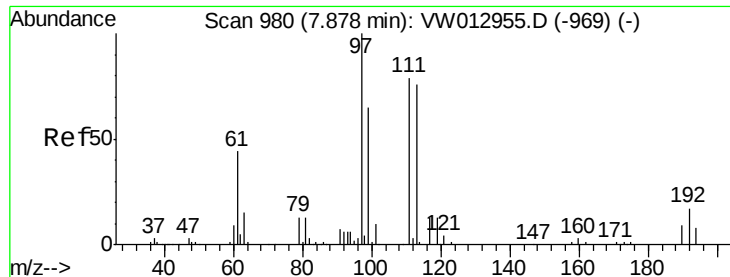
Tgt Ion: 65 Resp: 49494
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012975.D
 Acq: 14 Sep 2019 01:16

Tgt Ion: 114 Resp: 130293
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.4
 88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 56.699 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW012975.D

Acq: 14 Sep 2019 01:16

Instrument :

MSVOA_W

ClientSampleId :

T4-3-(1.5)-HELLGATE

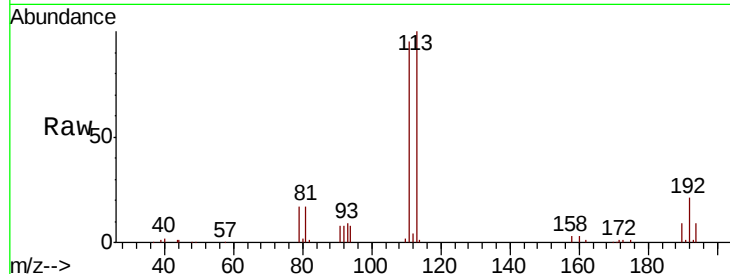
Tgt Ion:113 Resp: 40085

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

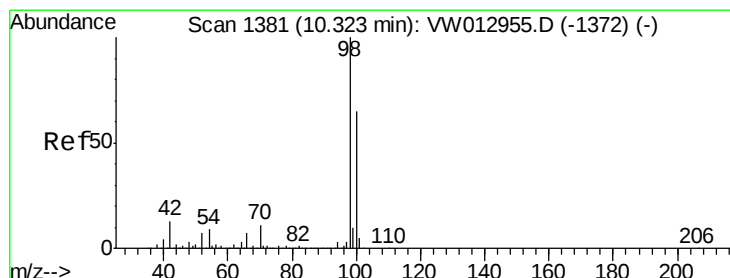
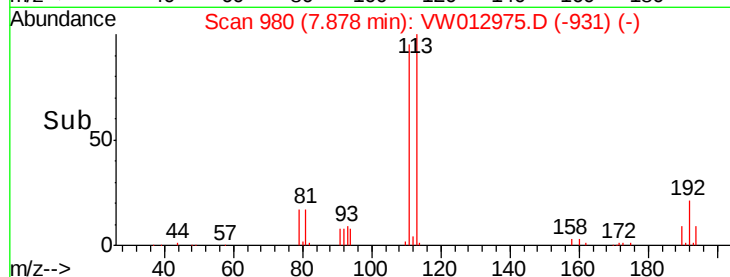
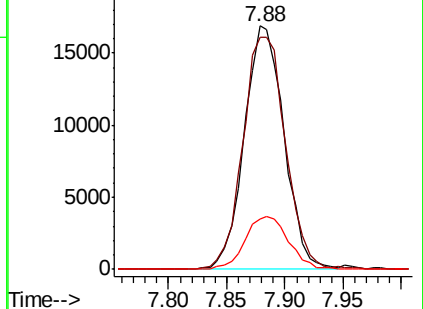
192 23.5 17.8 26.8



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: 55.990 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012975.D

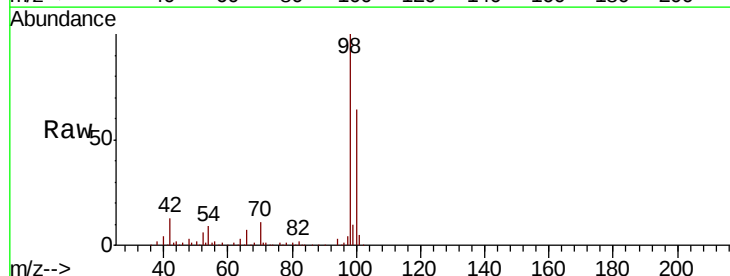
Acq: 14 Sep 2019 01:16

Tgt Ion: 98 Resp: 154896

Ion Ratio Lower Upper

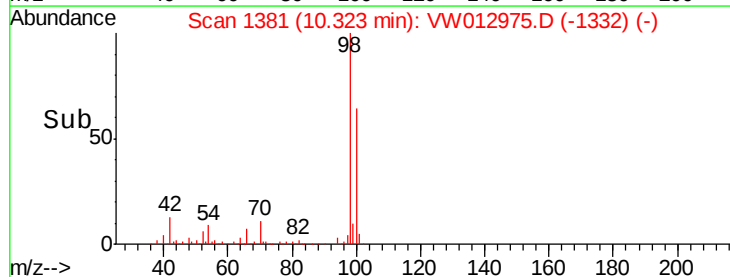
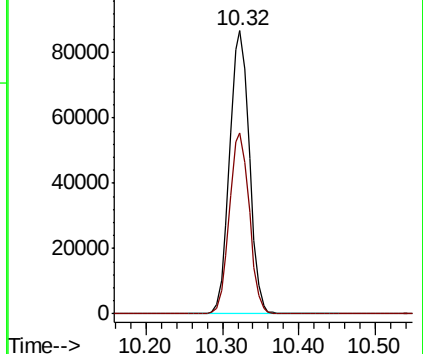
98 100

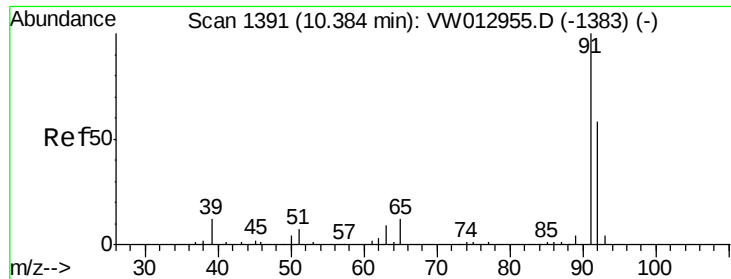
100 64.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 3.649 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012975.D

Acq: 14 Sep 2019 01:16

Instrument :

MSVOA_W

ClientSampleId :

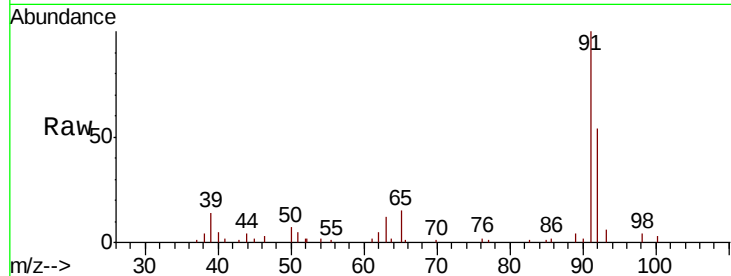
T4-3-(1.5)-HELLGATE

Tgt Ion: 92 Resp: 6739

Ion Ratio Lower Upper

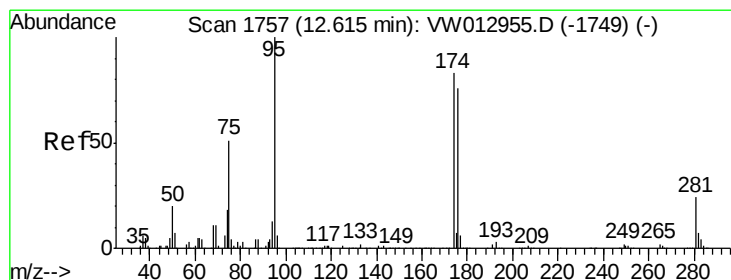
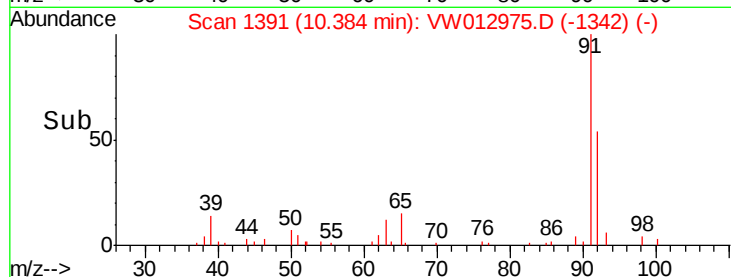
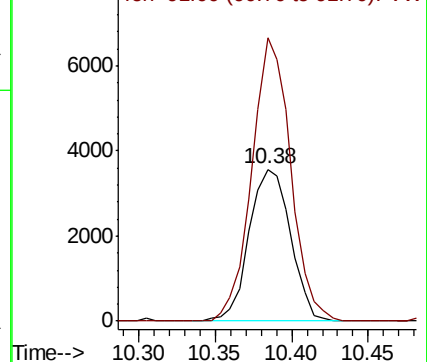
92 100

91 174.3 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 45.112 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012975.D

Acq: 14 Sep 2019 01:16

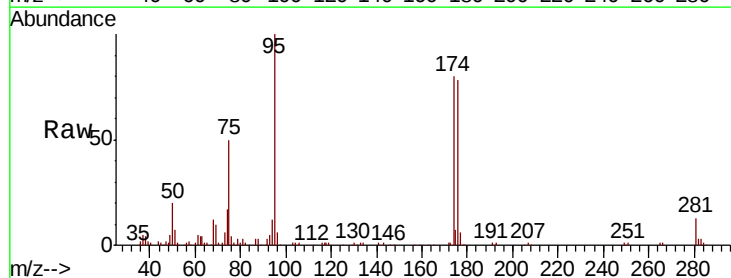
Tgt Ion: 95 Resp: 44876

Ion Ratio Lower Upper

95 100

174 85.7 0.0 170.4

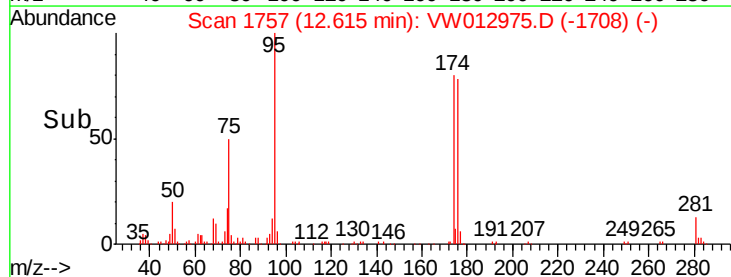
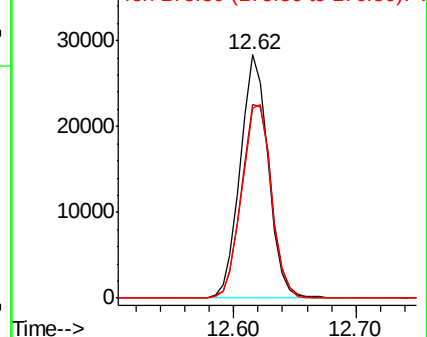
176 84.4 0.0 164.6

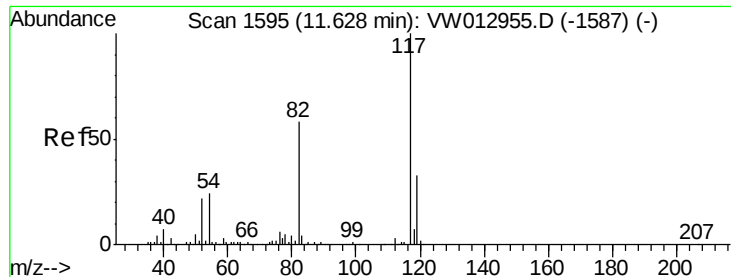


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

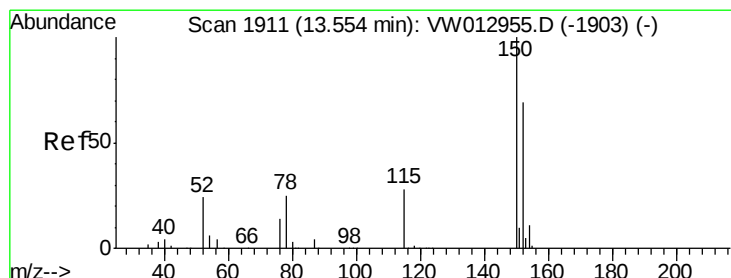
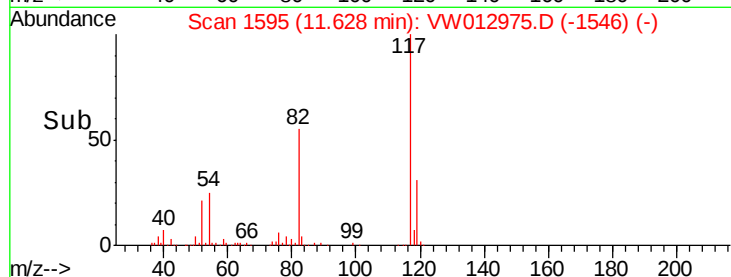
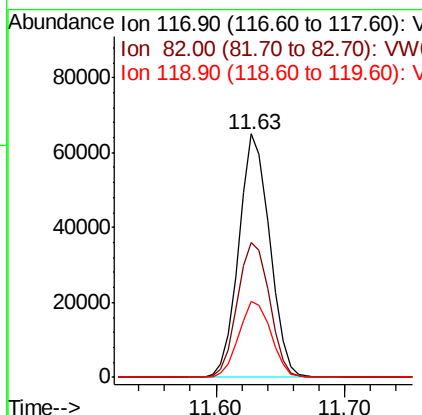
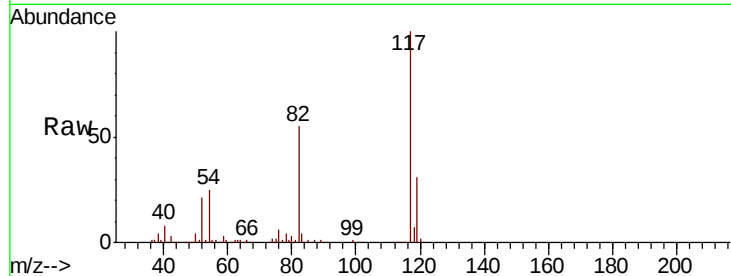




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012975.D
Acq: 14 Sep 2019 01:16

Instrument :
MSVOA_W
ClientSampleId :
T4-3-(1.5)-HELLGATE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.3	69.5
119	31.3	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: VW012975.D
Acq: 14 Sep 2019 01:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.8	86.4
150	159.2	0.0	340.2

