

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012994.D
 Acq On : 14 Sep 2019 15:30
 Operator : SY/VA
 Sample : K4719-16RE
 Misc : 3.67G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-4(1.5)-HELLGATERE

Quant Time: Sep 16 09:19:12 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

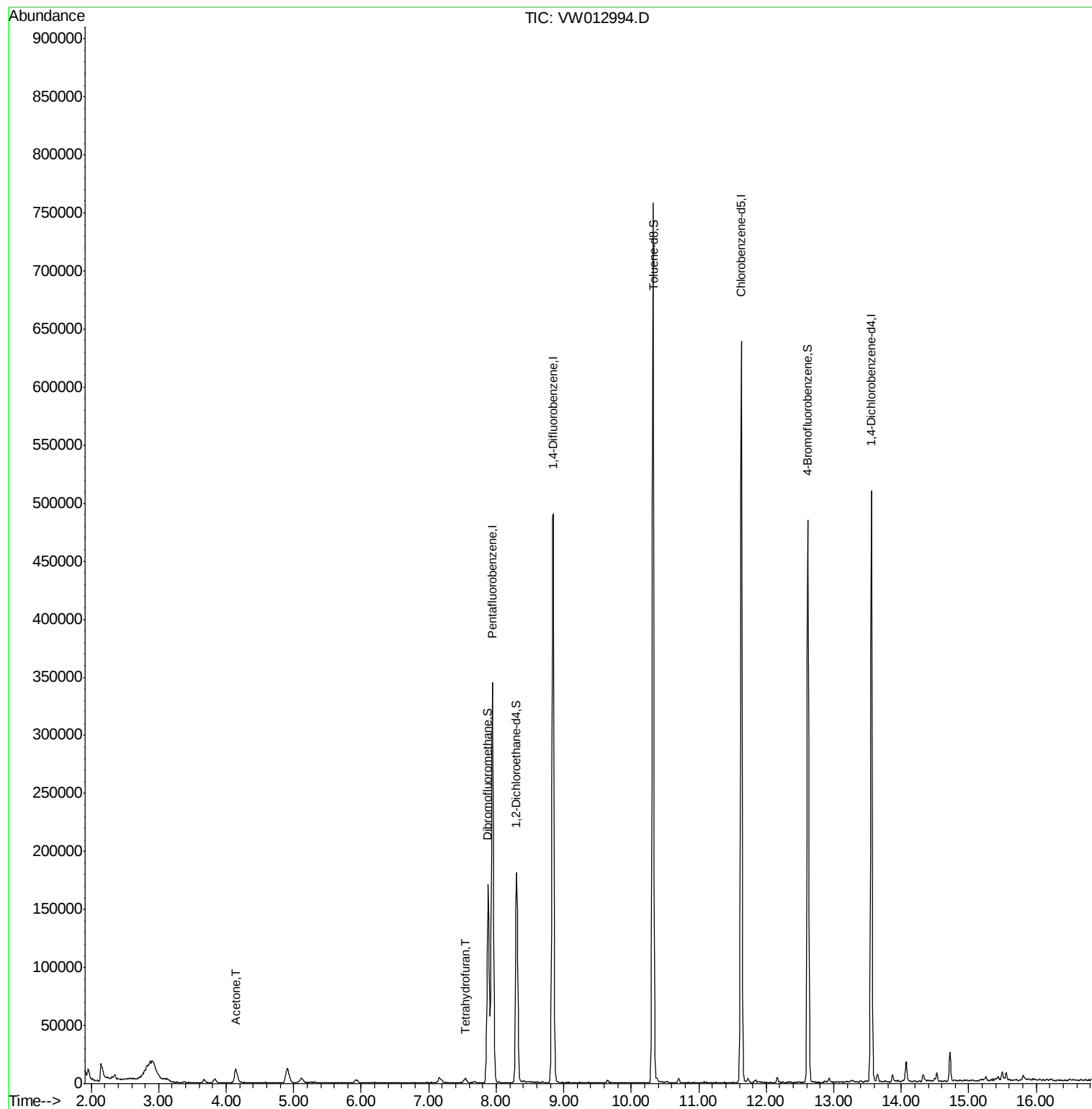
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	264030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	414469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	149532	61.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.64%	
35) Dibromofluoromethane	7.88	113	119633	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
50) Toluene-d8	10.32	98	489118	55.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.16%	
62) 4-Bromofluorobenzene	12.62	95	149780	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
Target Compounds						
16) Acetone	4.14	43	25855	31.802	ug/l	95
29) Tetrahydrofuran	7.54	42	3588	8.121	ug/l	97

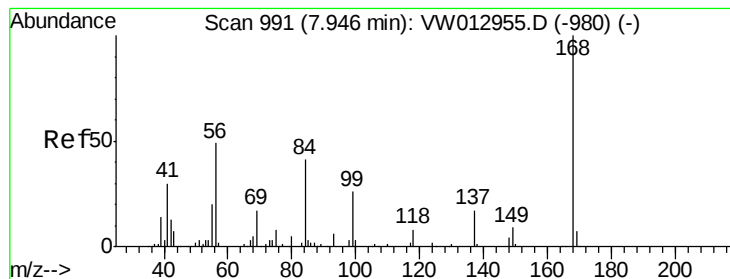
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012994.D

Acq: 14 Sep 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

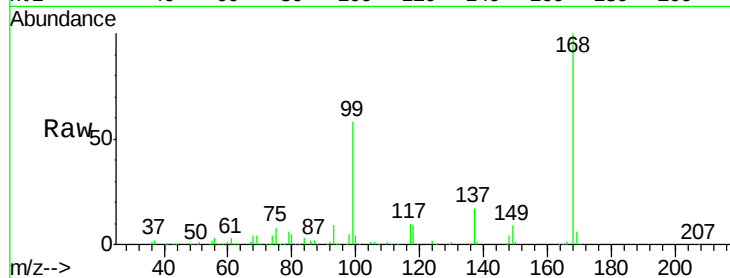
T4-4(1.5)-HELLGATERE

Tot Ion:168 Resp: 264030

Ion Ratio Lower Upper

168 100

99 58.2 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

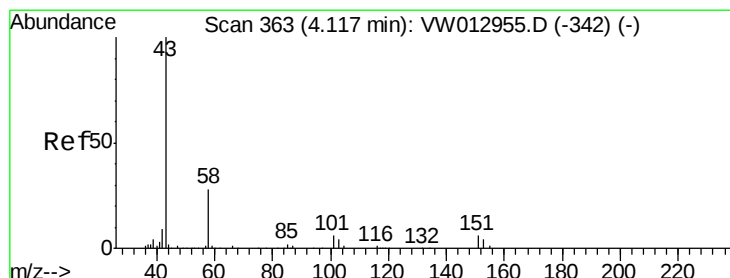
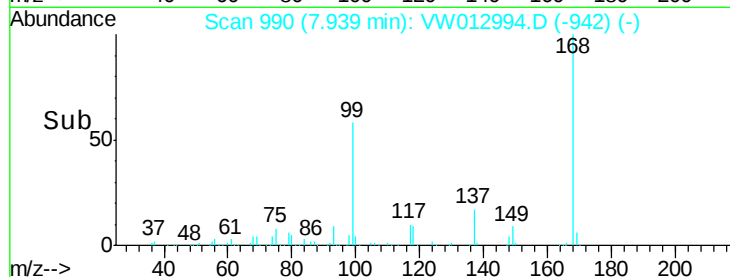
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 31.802 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.03 min

Lab File: VW012994.D

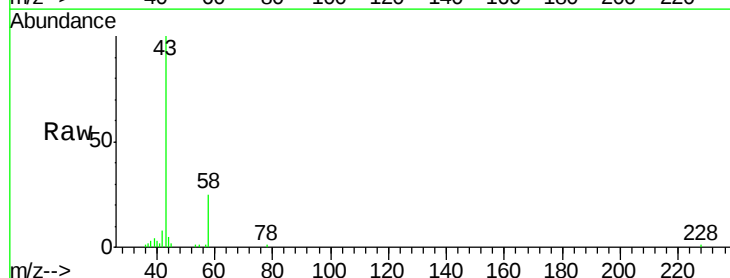
Acq: 14 Sep 2019 15:30

Tgt Ion: 43 Resp: 25855

Ion Ratio Lower Upper

43 100

58 25.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

6000

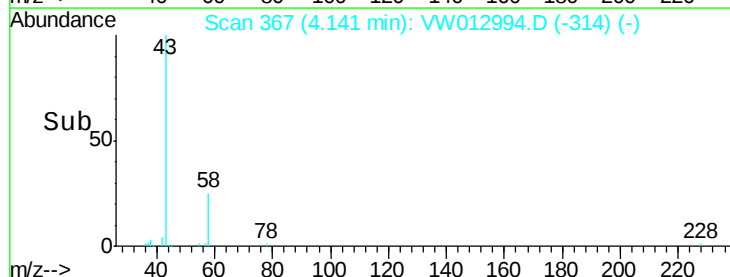
4000

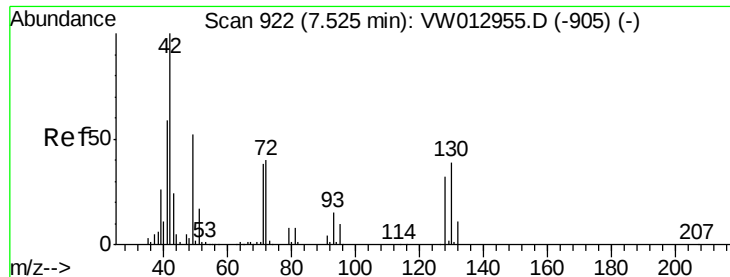
2000

0

4.00 4.10 4.20 4.30

Time-->

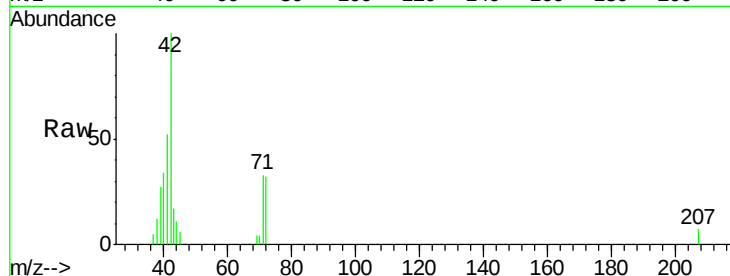




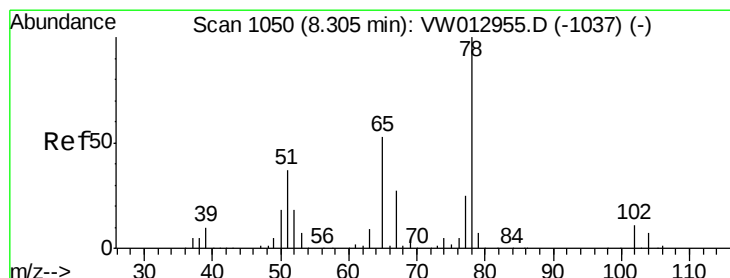
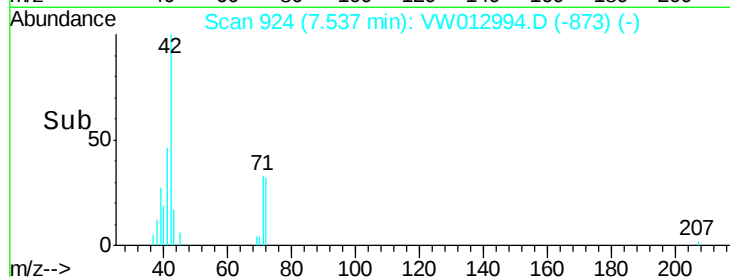
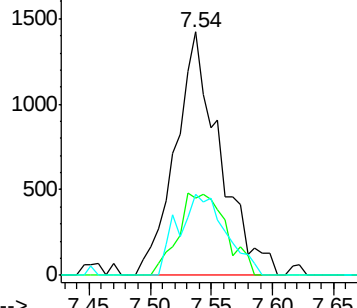
#29
Tetrahydrofuran
Concen: 8.121 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012994.D
Acq: 14 Sep 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
T4-4(1.5)-HELLGATERE

Tot Ion: 42 Resp: 3588
Ion Ratio Lower Upper
42 100
72 36.4 31.4 47.0
71 36.2 29.8 44.8

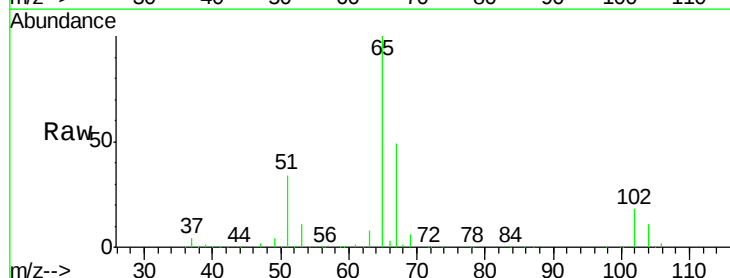


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

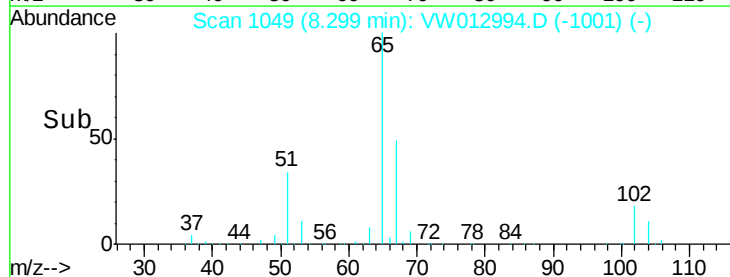
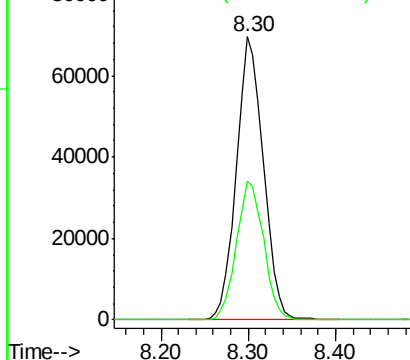


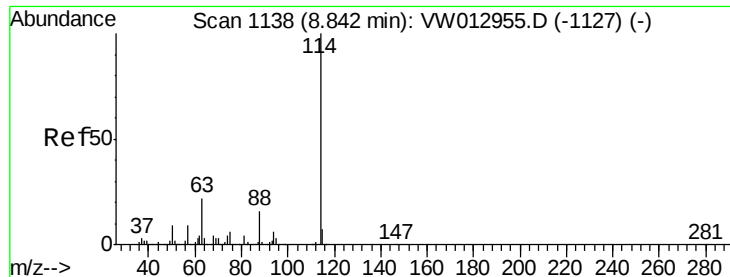
#33
1,2-Dichloroethane-d4
Concen: 61.321 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012994.D
Acq: 14 Sep 2019 15:30

Tgt Ion: 65 Resp: 149532
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

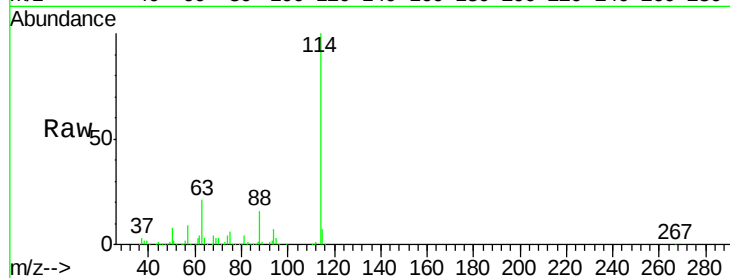




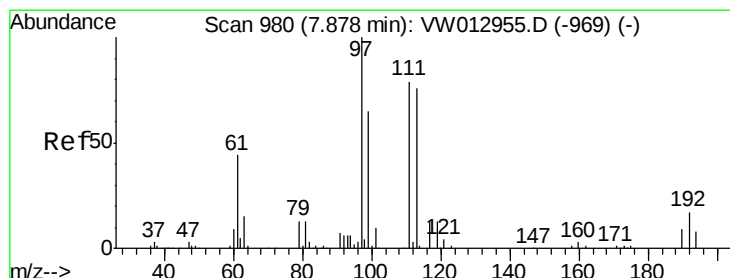
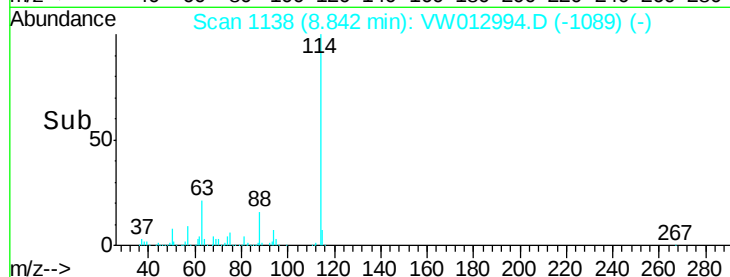
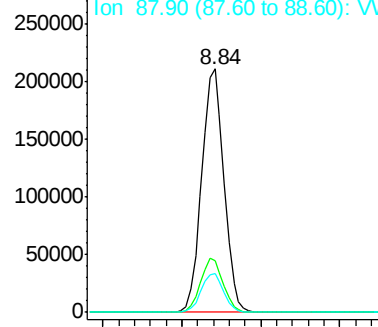
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012994.D
Acq: 14 Sep 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-HELLGATERE

Tot Ion:114 Resp: 414469
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 16.2 0.0 31.6

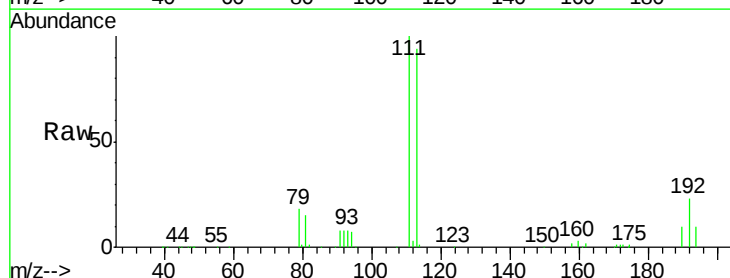


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

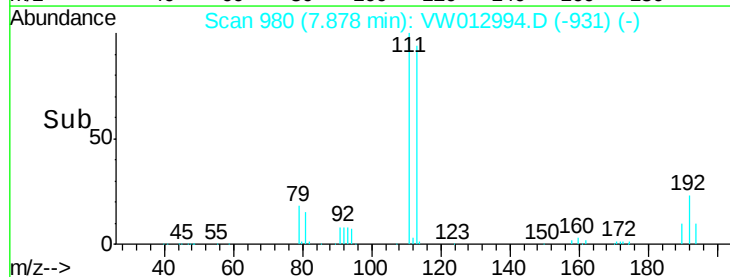
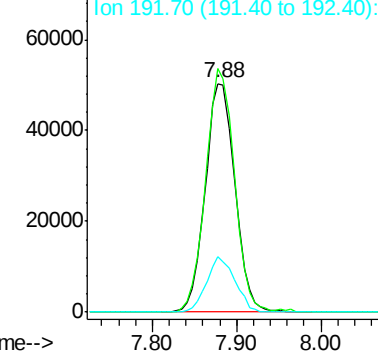


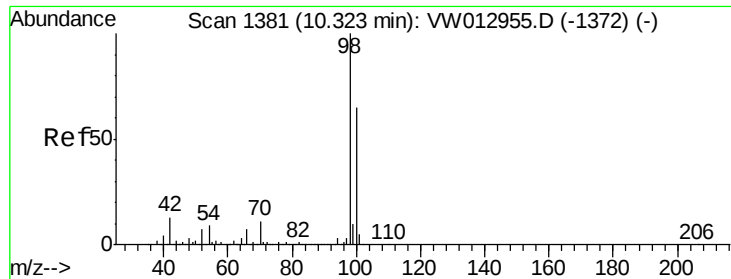
#35
Dibromofluoromethane
Concen: 53.195 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW012994.D
Acq: 14 Sep 2019 15:30

Tgt Ion:113 Resp: 119633
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 23.2 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: 55.579 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012994.D

Acq: 14 Sep 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

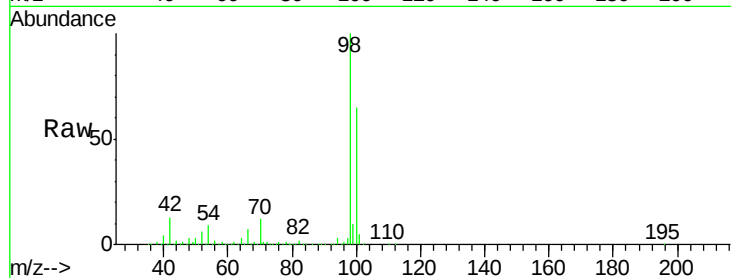
T4-4(1.5)-HELLGATERE

Tot Ion: 98 Resp: 489118

Ion Ratio Lower Upper

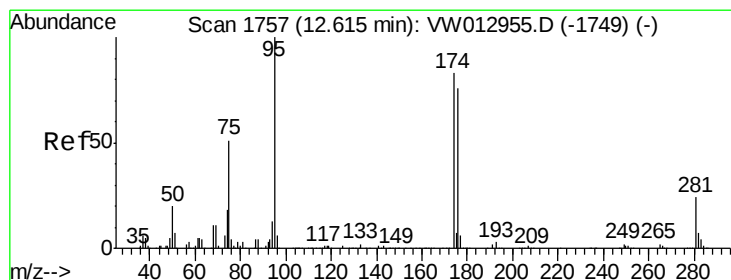
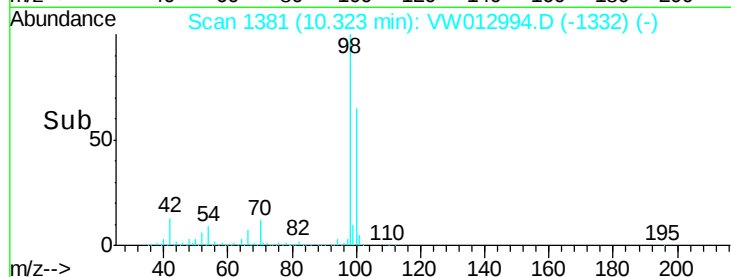
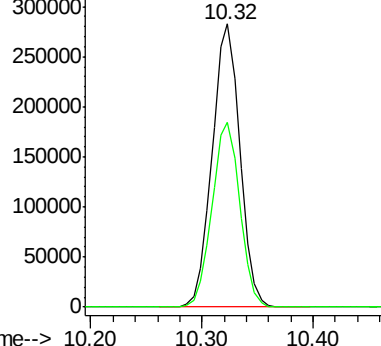
98 100

100 65.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.332 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012994.D

Acq: 14 Sep 2019 15:30

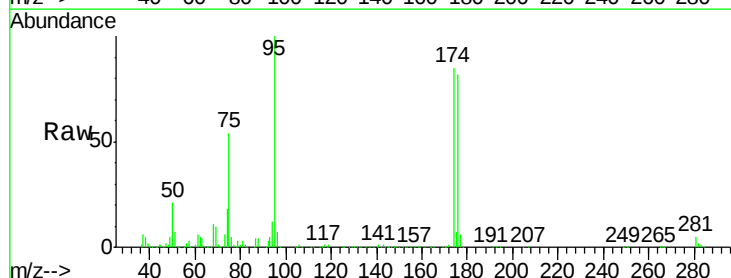
Tgt Ion: 95 Resp: 149780

Ion Ratio Lower Upper

95 100

174 85.3 0.0 170.4

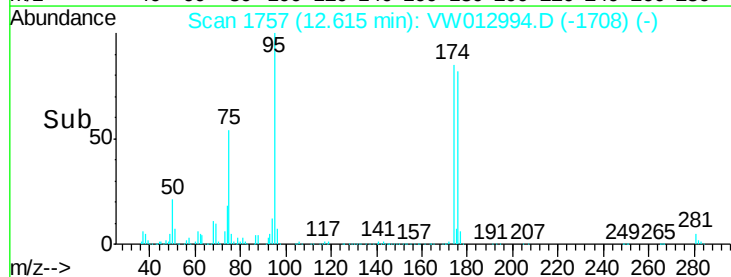
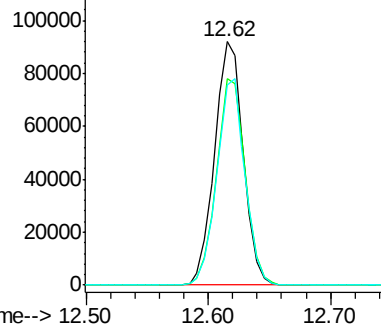
176 83.1 0.0 164.6

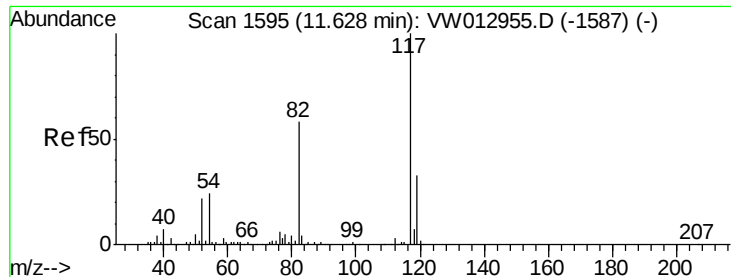


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

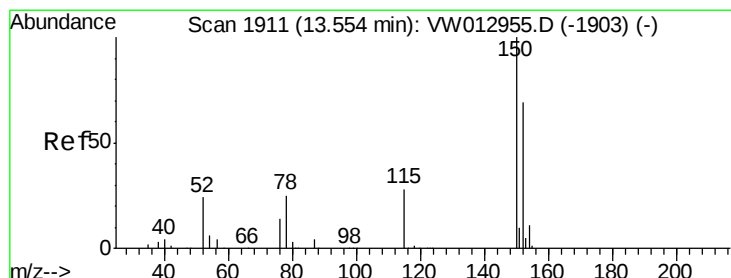
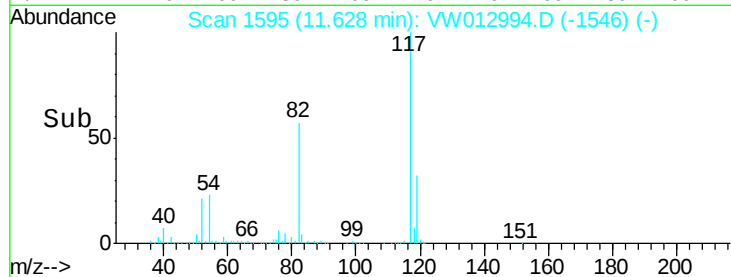
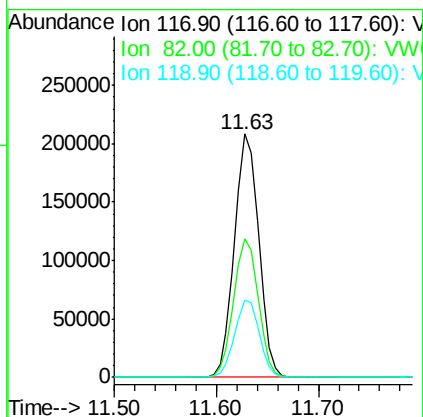
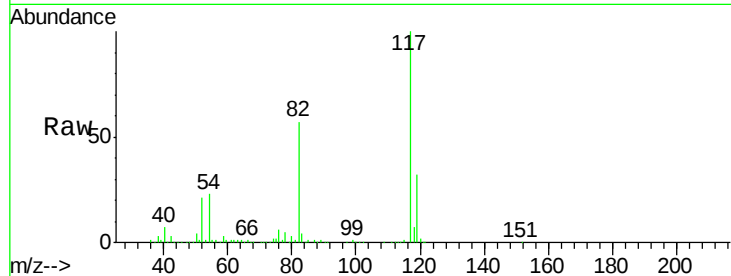




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012994.D
Acq: 14 Sep 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-HELLGATERE

Tot Ion:117 Resp: 344226
Ion Ratio Lower Upper
117 100
82 57.1 46.3 69.5
119 31.6 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: VW012994.D
Acq: 14 Sep 2019 15:30

Tgt Ion:152 Resp: 132274
Ion Ratio Lower Upper
152 100
115 59.7 28.8 86.4
150 158.4 0.0 340.2

