

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011207.D
 Acq On : 10 Jul 2019 23:38
 Operator : SY/VA
 Sample : K3733-06
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0537-190709

Quant Time: Jul 11 08:38:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

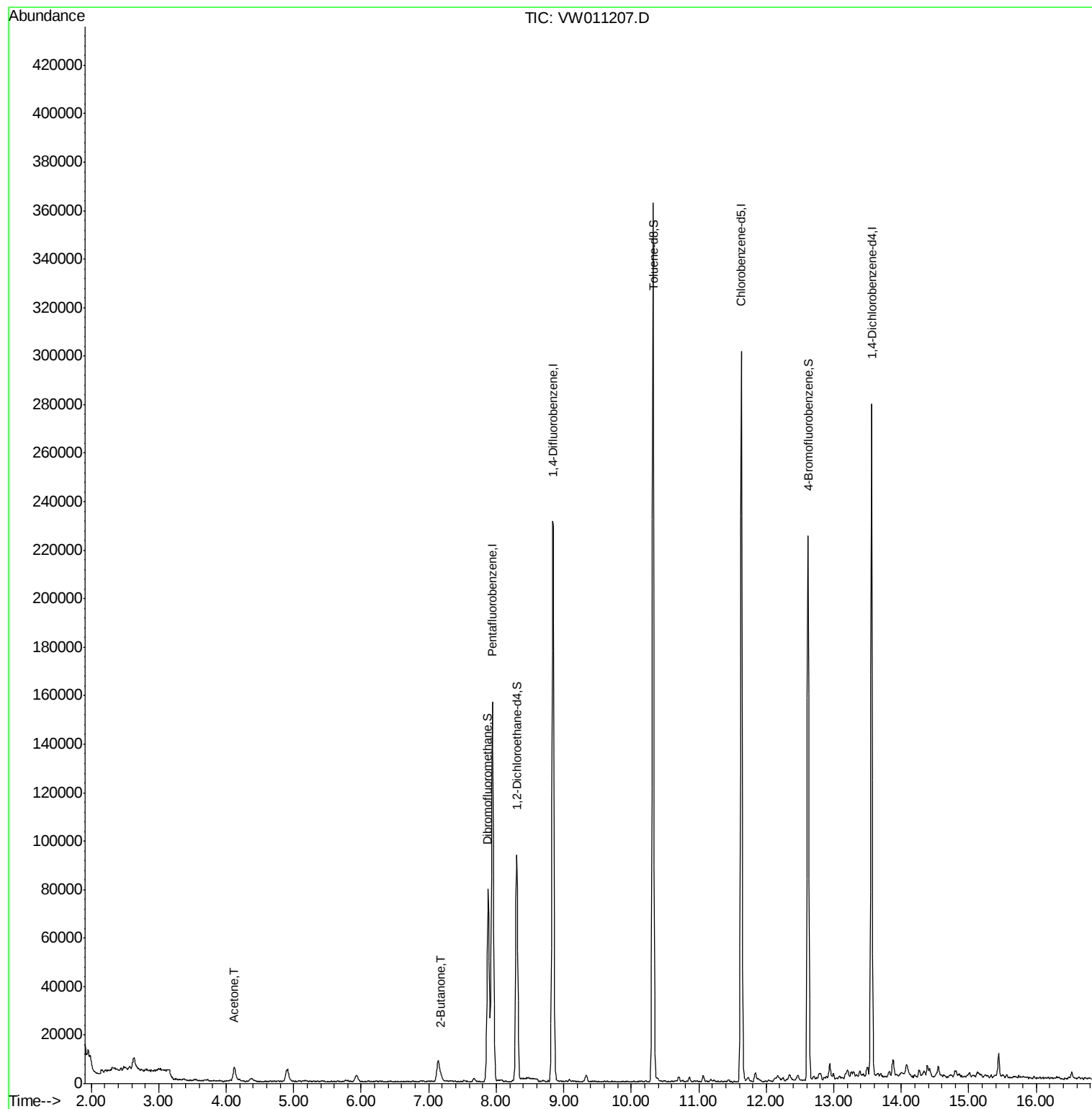
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	154595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	73363	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
35) Dibromofluoromethane	7.88	113	56984	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	10.32	98	224883	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.62	95	73901	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
Target Compounds						
16) Acetone	4.12	43	11627	34.623	ug/l	99
25) 2-Butanone	7.18	43	4415	8.375	ug/l	98

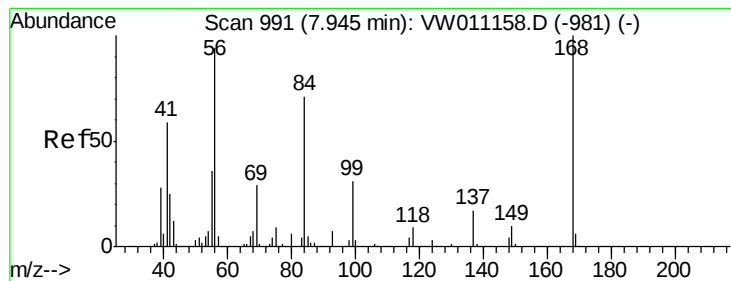
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

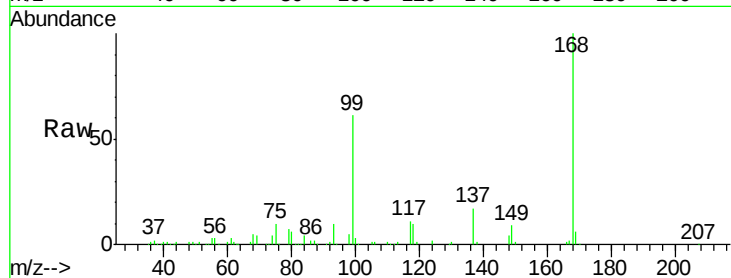
DUP-0537-190709

Tot Ion:168 Resp: 111073

Ion Ratio Lower Upper

168 100

99 61.5 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

20000

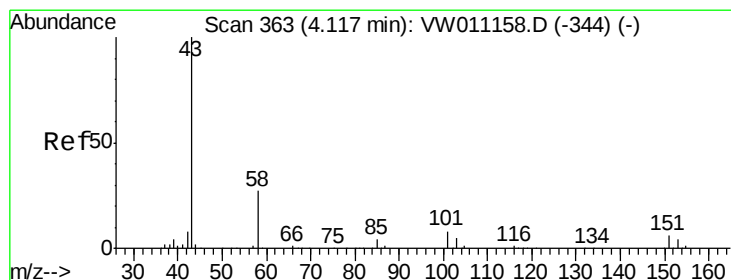
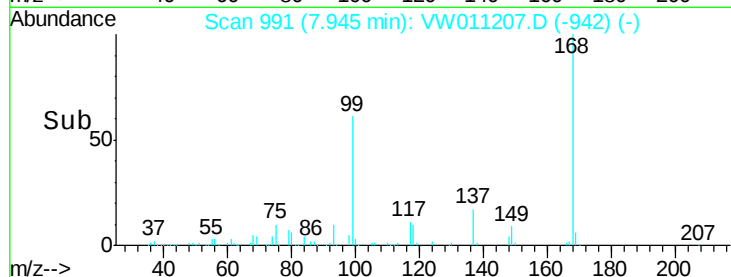
10000

0

7.90

8.00

Time-->



#16

Acetone

Concen: 34.623 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011207.D

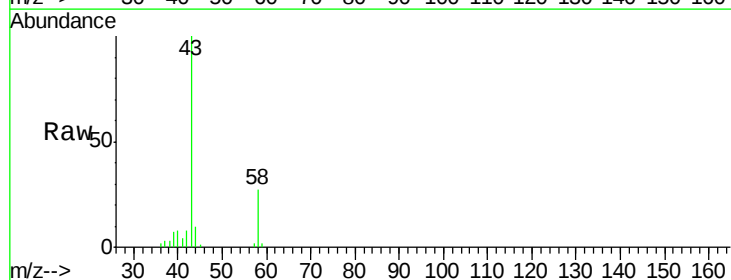
Acq: 10 Jul 2019 23:38

Tgt Ion: 43 Resp: 11627

Ion Ratio Lower Upper

43 100

58 26.8 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

2000

1000

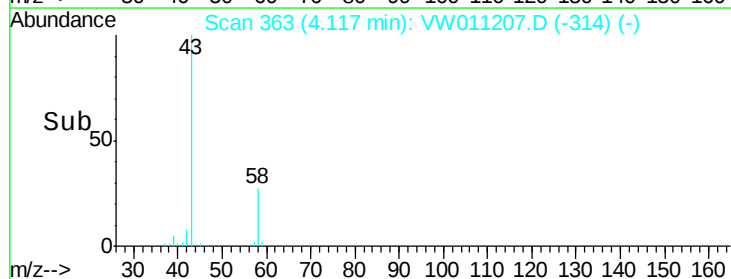
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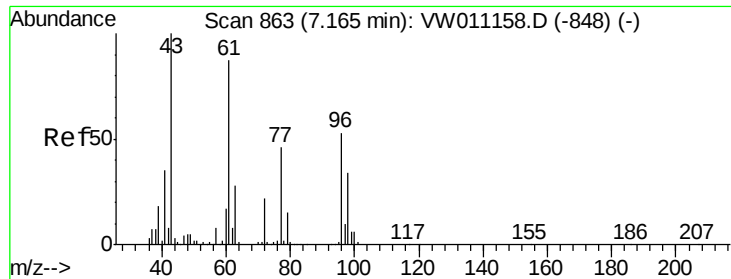
4.00

4.10

4.20

Time-->





#25

2-Butanone

Concen: 8.375 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011207.D

Acq: 10 Jul 2019 23:38

Instrument :

MSVOA_W

ClientSampleId :

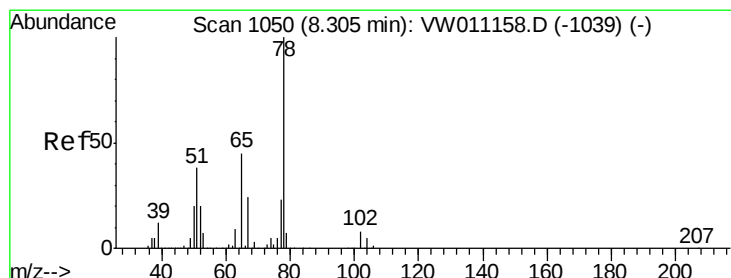
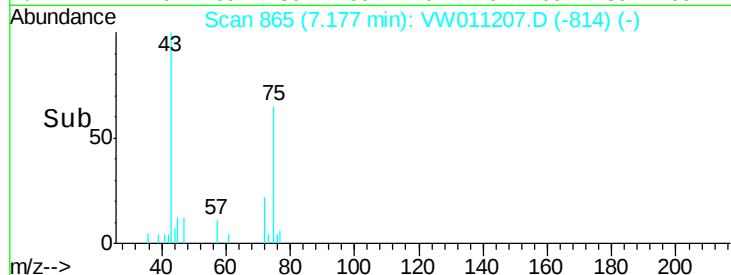
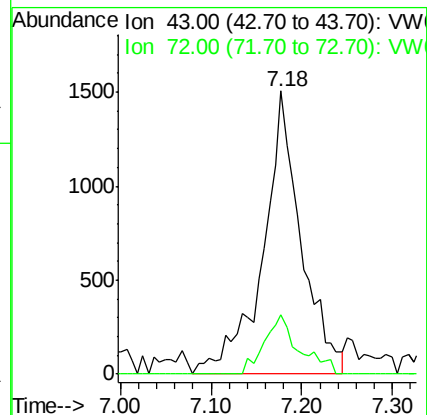
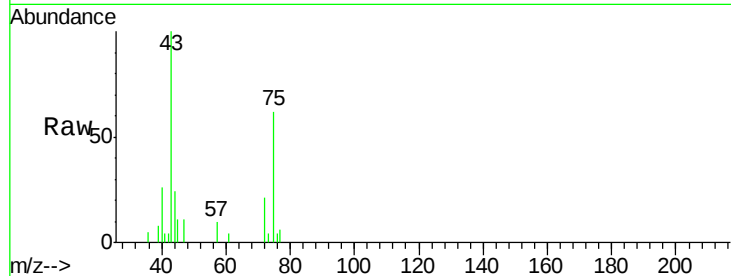
DUP-0537-190709

Tot Ion: 43 Resp: 4415

Ion Ratio Lower Upper

43 100

72 20.9 17.6 26.4



#33

1,2-Dichloroethane-d4

Concen: 52.565 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011207.D

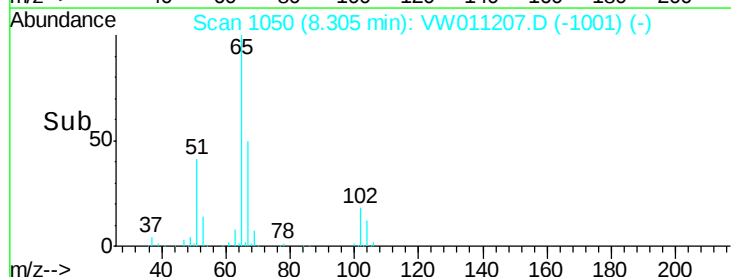
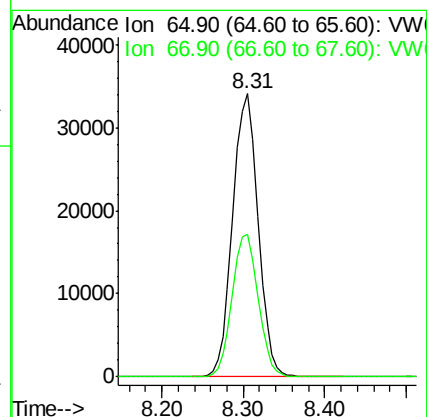
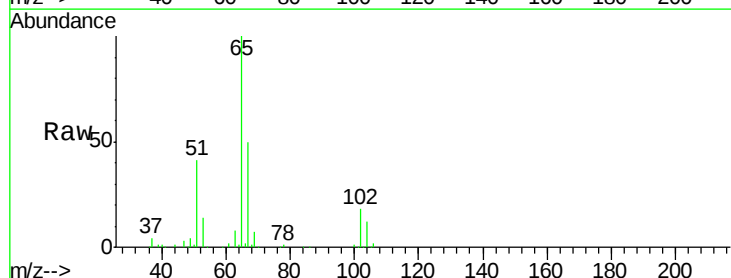
Acq: 10 Jul 2019 23:38

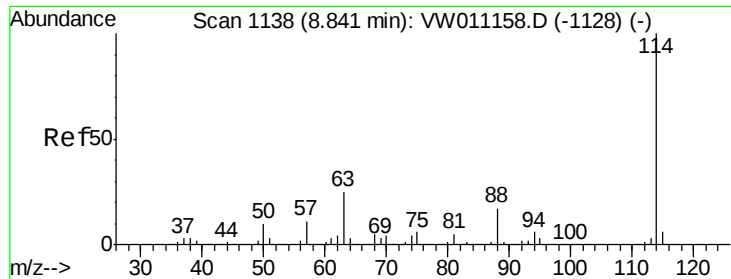
Tgt Ion: 65 Resp: 73363

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.4

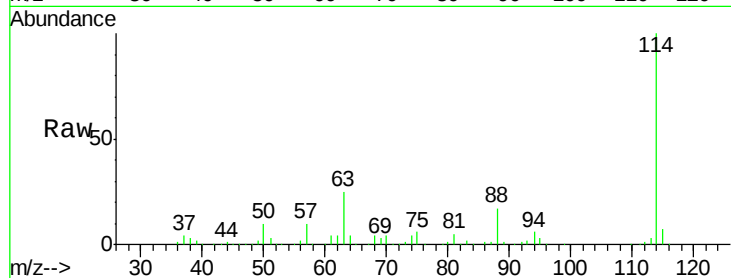




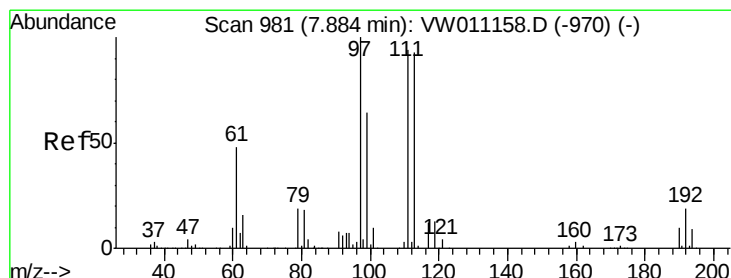
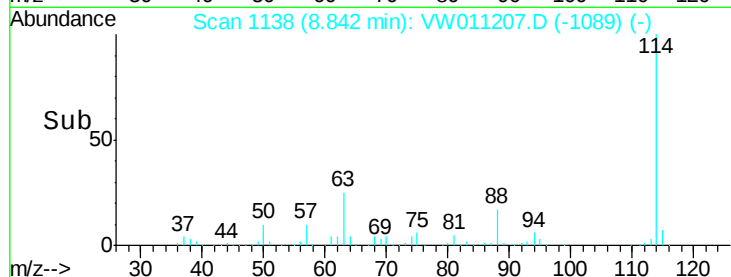
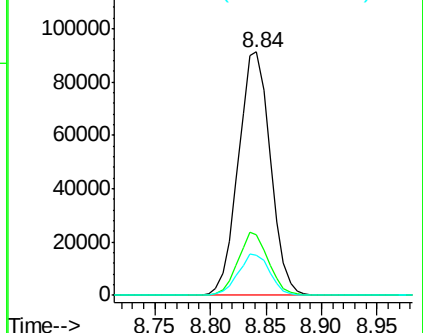
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011207.D
 Acq: 10 Jul 2019 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0537-190709

Tot Ion:114 Resp: 183132
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.8
 88 16.7 0.0 34.2

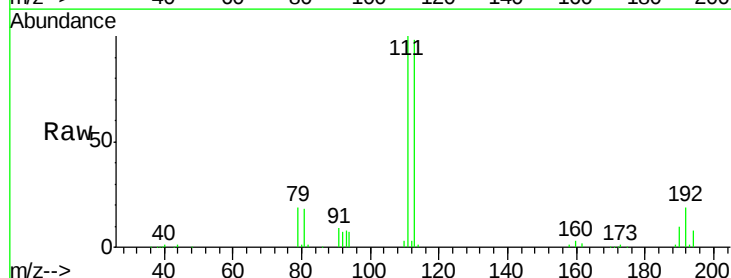


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

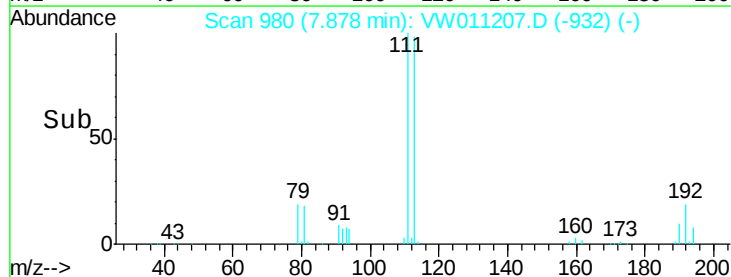
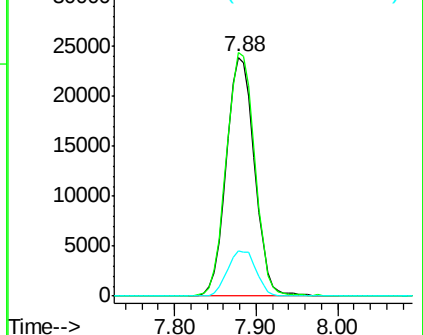


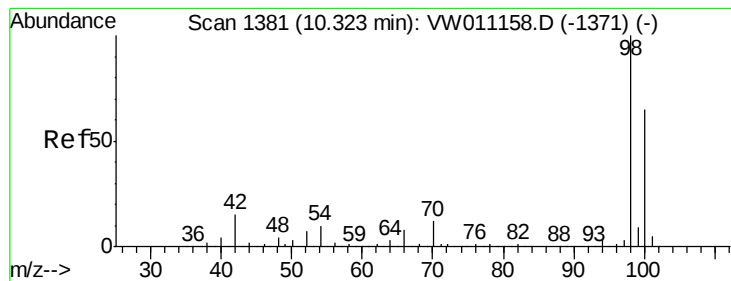
#35
 Dibromofluoromethane
 Concen: 52.205 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011207.D
 Acq: 10 Jul 2019 23:38

Tgt Ion:113 Resp: 56984
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 19.4 15.8 23.8



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: 50.968 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011207.D

Acq: 10 Jul 2019 23:38

Instrument :

MSVOA_W

ClientSampleId :

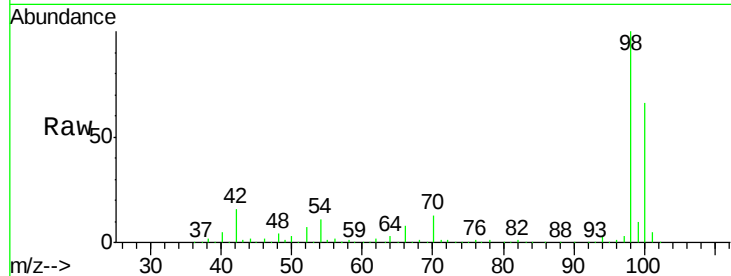
DUP-0537-190709

Tot Ion: 98 Resp: 224883

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

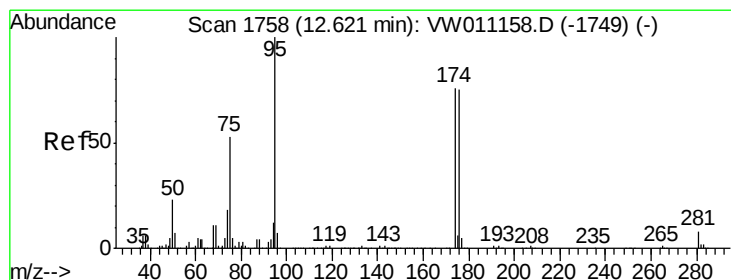
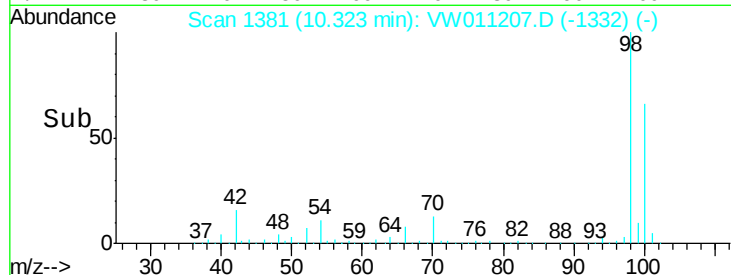
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.696 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011207.D

Acq: 10 Jul 2019 23:38

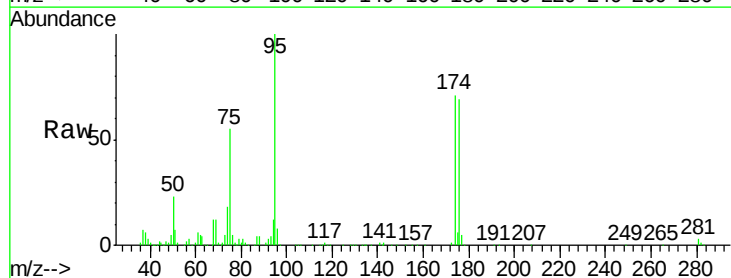
Tgt Ion: 95 Resp: 73901

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.6

176 71.3 0.0 144.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

60000

50000

40000

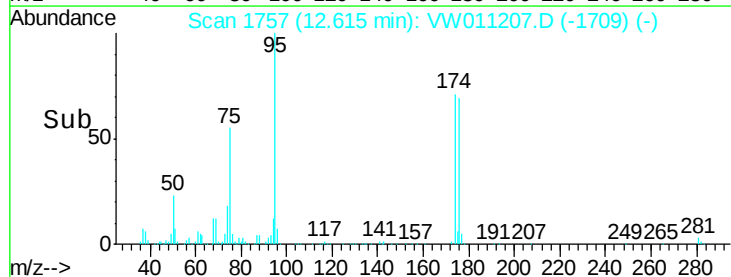
30000

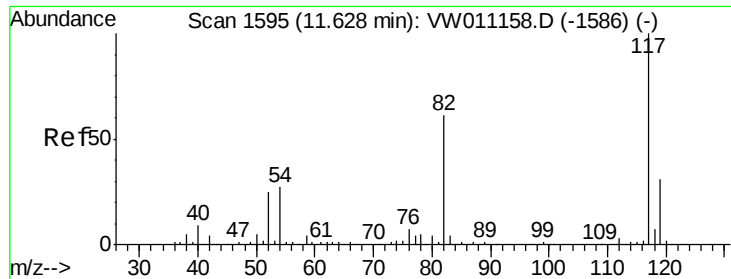
20000

10000

0

Time-->

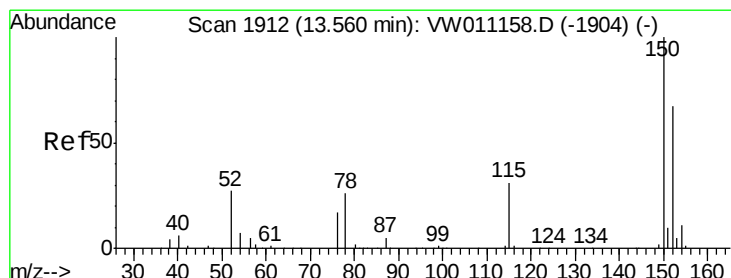
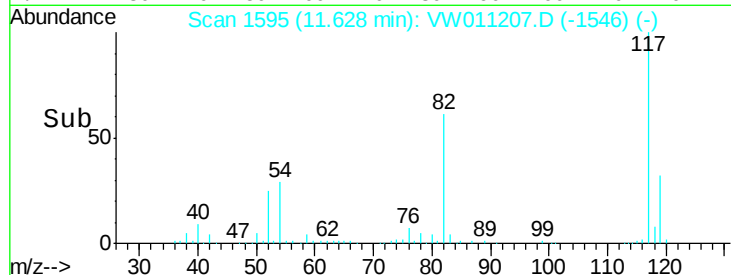
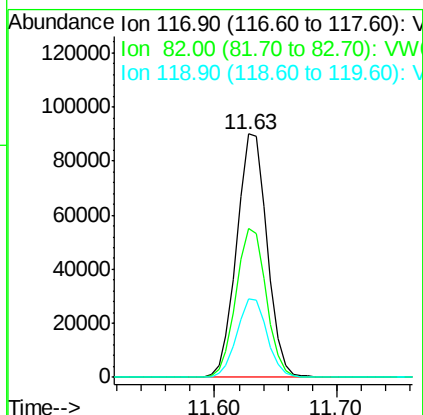
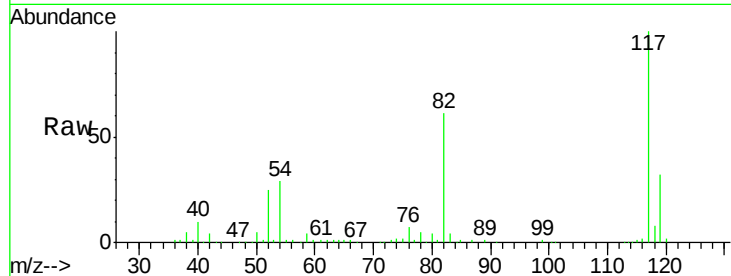




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011207.D
Acq: 10 Jul 2019 23:38

Instrument :
MSVOA_W
ClientSampleId :
DUP-0537-190709

Tot Ion:117 Resp: 154595
Ion Ratio Lower Upper
117 100
82 61.2 48.9 73.3
119 32.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011207.D
Acq: 10 Jul 2019 23:38

Tgt Ion:152 Resp: 65987
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.3
150 156.5 0.0 346.0

