

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011224.D
 Acq On : 11 Jul 2019 12:56
 Operator : SY/VA
 Sample : K3733-06
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0537-190709

Quant Time: Jul 12 09:03:07 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

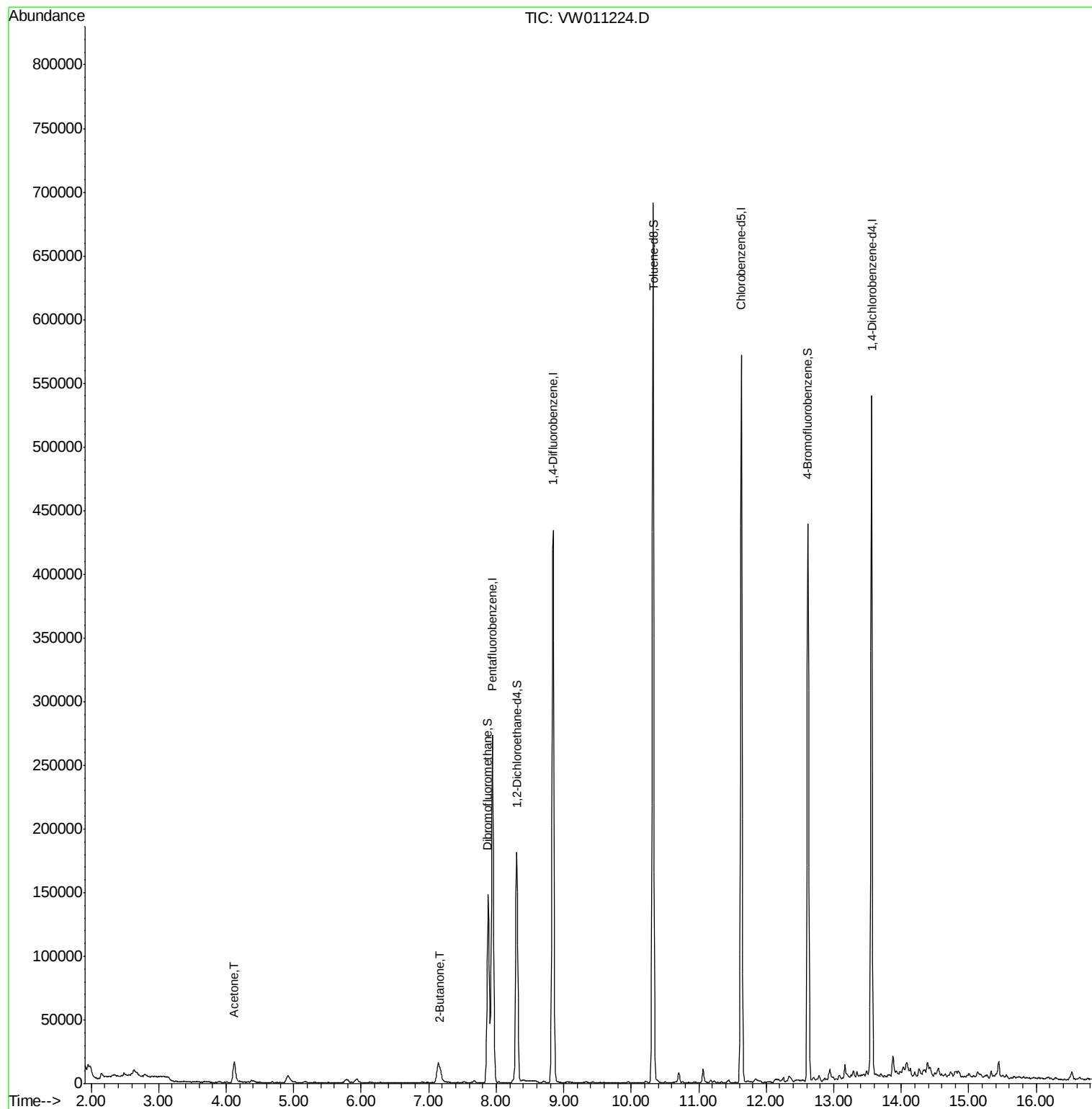
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	142698	57.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.26%	
35) Dibromofluoromethane	7.88	113	105385	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	10.32	98	424356	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.62	95	144383	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
Target Compounds						
16) Acetone	4.12	43	30653	51.451	ug/l	99
25) 2-Butanone	7.17	43	13178	14.091	ug/l	98

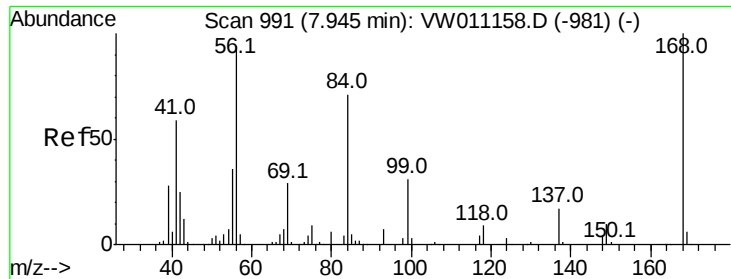
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011224.D

Acq: 11 Jul 2019 12:56

Instrument :

MSVOA_W

ClientSampleId :

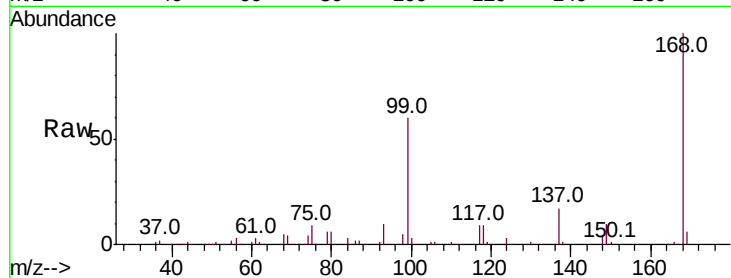
DUP-0537-190709

Tot Ion:168 Resp: 197054

Ion Ratio Lower Upper

168 100

99 60.3 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

100000

80000

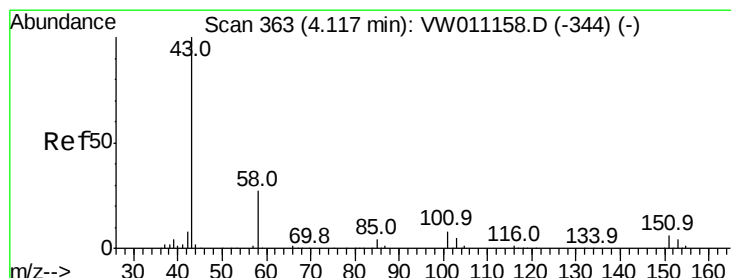
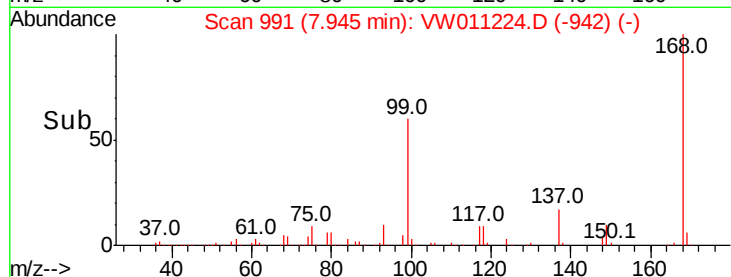
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 51.451 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011224.D

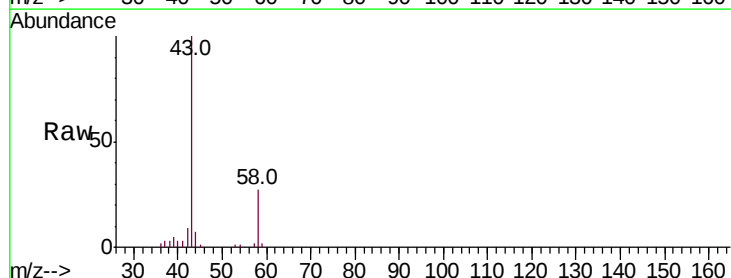
Acq: 11 Jul 2019 12:56

Tgt Ion: 43 Resp: 30653

Ion Ratio Lower Upper

43 100

58 26.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

12000

10000

8000

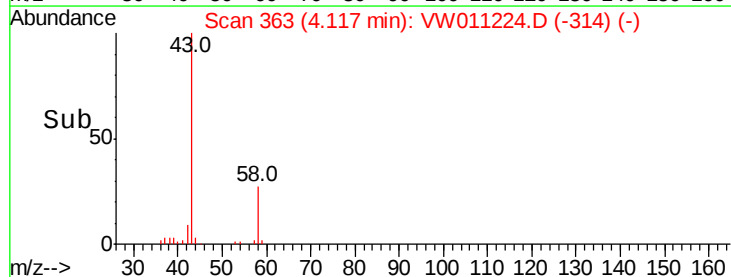
6000

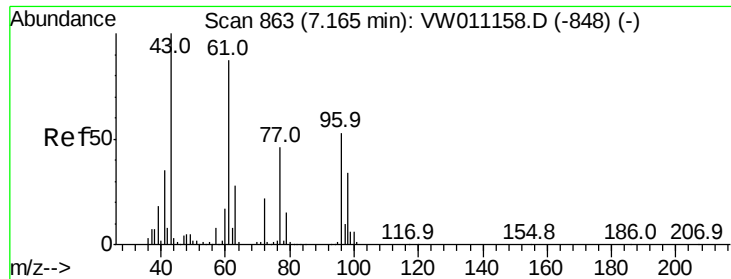
4000

2000

0

Time--> 4.00 4.10 4.20





#25

2-Butanone

Concen: 14.091 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011224.D

Acq: 11 Jul 2019 12:56

Instrument :

MSVOA_W

ClientSampleId :

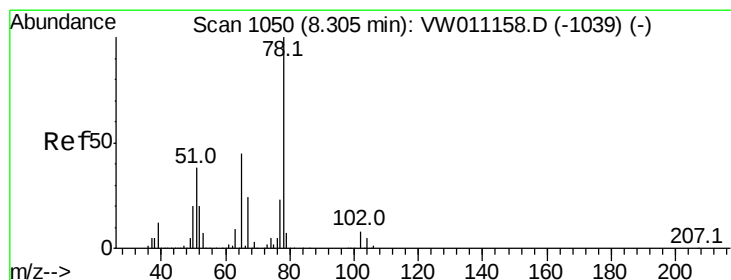
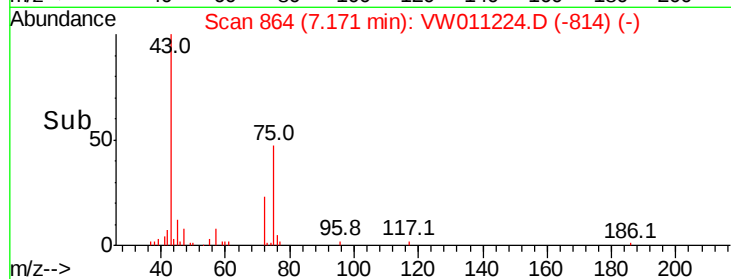
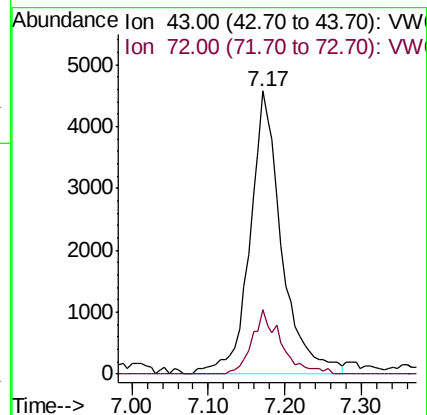
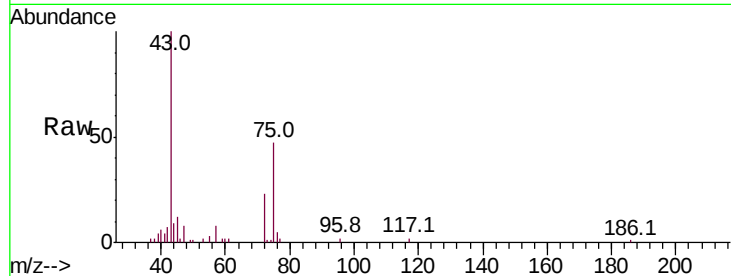
DUP-0537-190709

Tot Ion: 43 Resp: 13178

Ion Ratio Lower Upper

43 100

72 23.0 17.6 26.4



#33

1,2-Dichloroethane-d4

Concen: 57.631 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011224.D

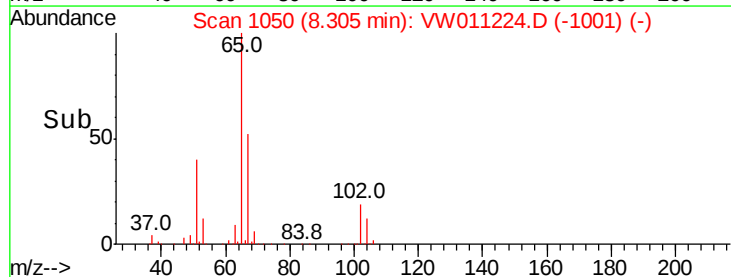
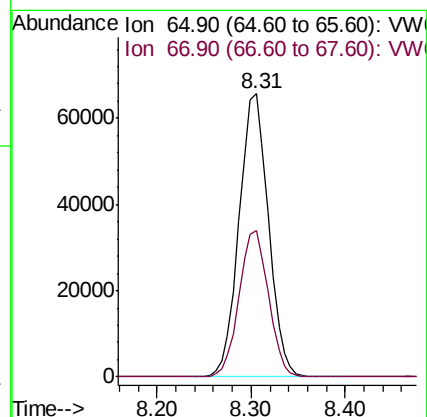
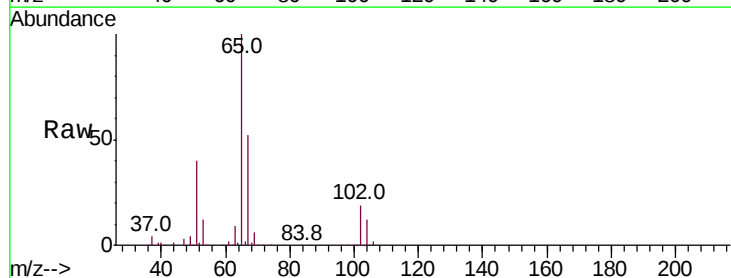
Acq: 11 Jul 2019 12:56

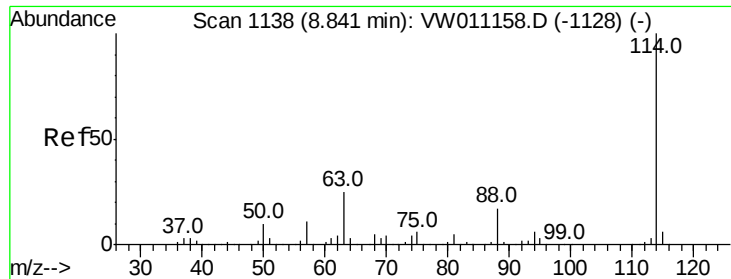
Tgt Ion: 65 Resp: 142698

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4

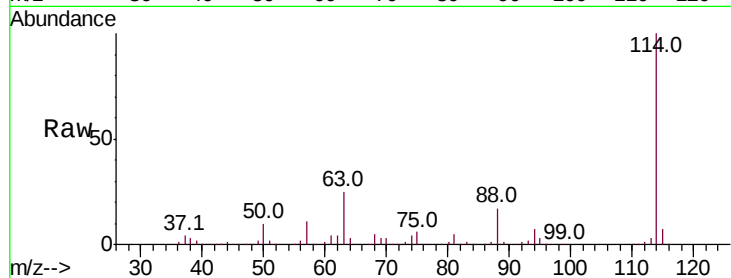




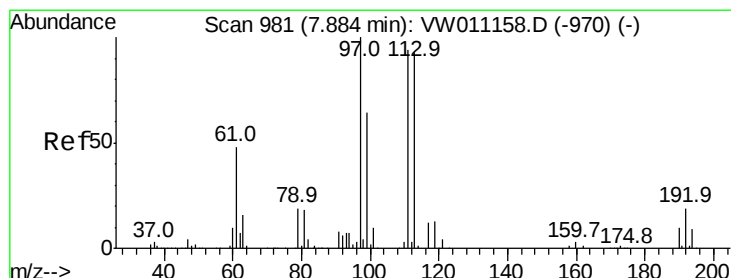
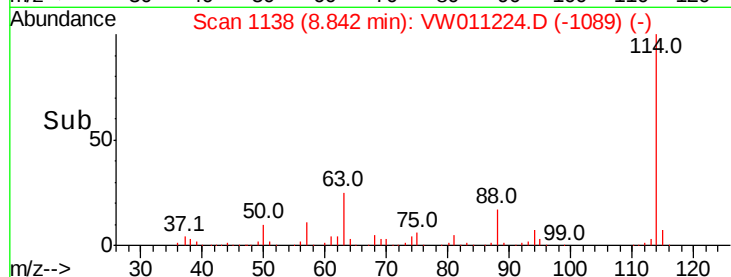
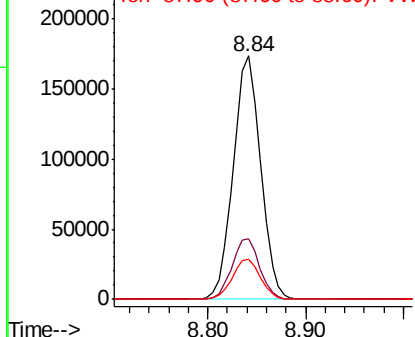
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011224.D
 Acq: 11 Jul 2019 12:56

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0537-190709

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	50.8
88	16.6	0.0	34.2

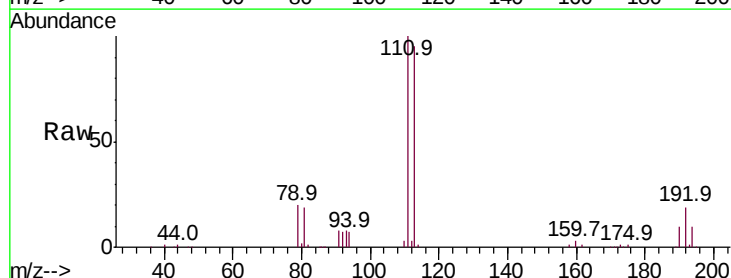


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

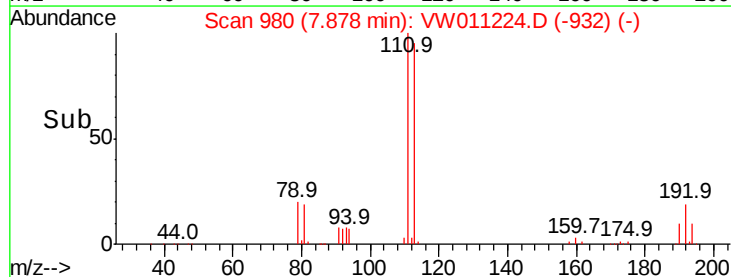
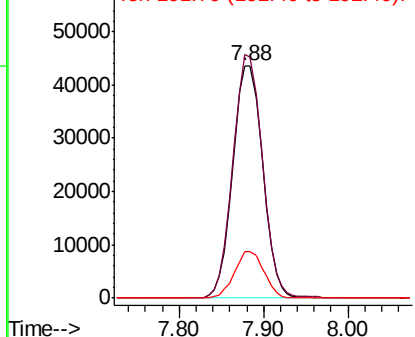


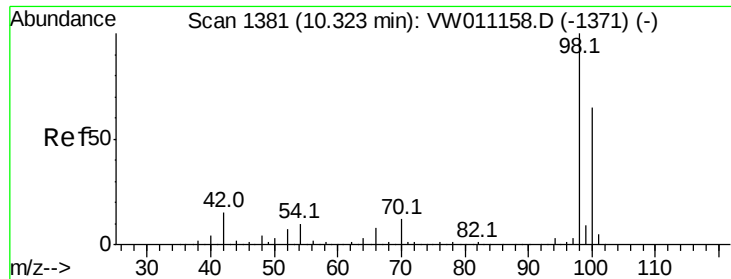
#35
 Dibromofluoromethane
 Concen: 52.362 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011224.D
 Acq: 11 Jul 2019 12:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	19.8	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: 52.163 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011224.D

Acq: 11 Jul 2019 12:56

Instrument :

MSVOA_W

ClientSampleId :

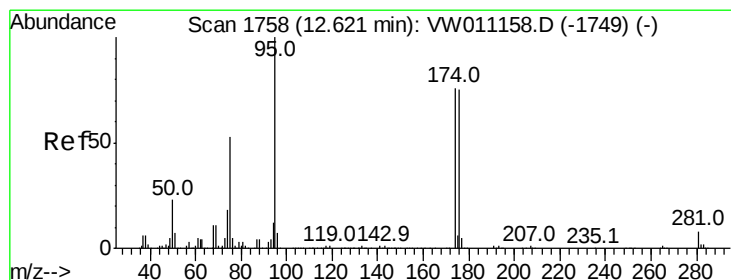
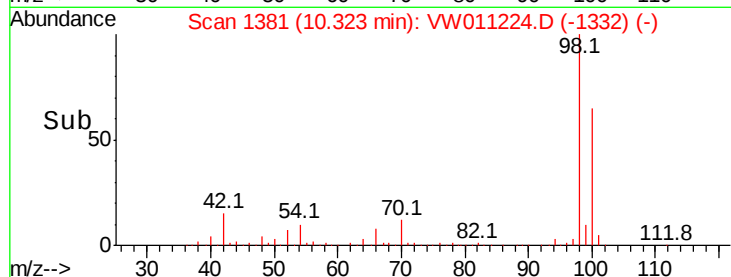
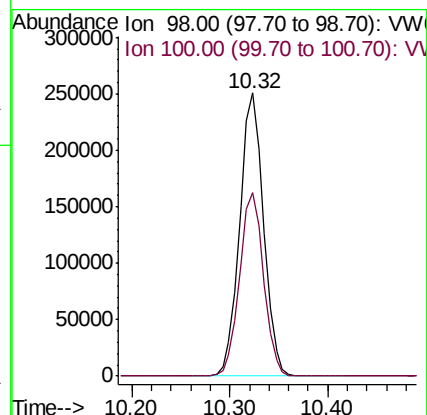
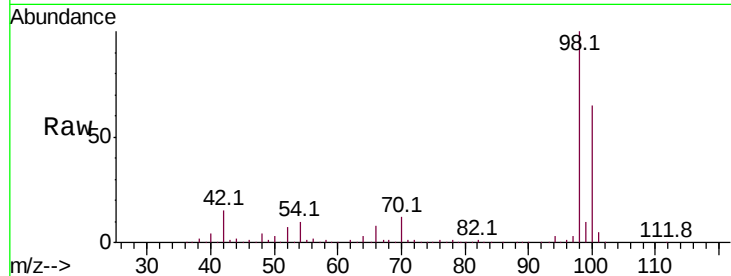
DUP-0537-190709

Tot Ion: 98 Resp: 424356

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.421 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011224.D

Acq: 11 Jul 2019 12:56

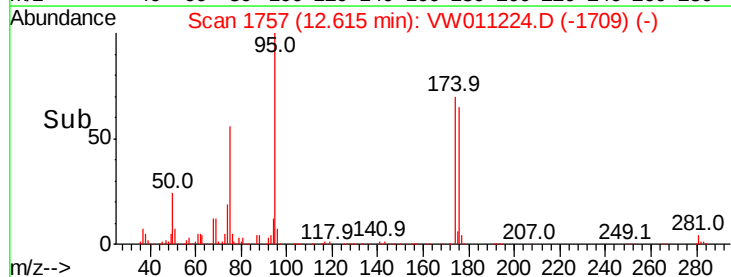
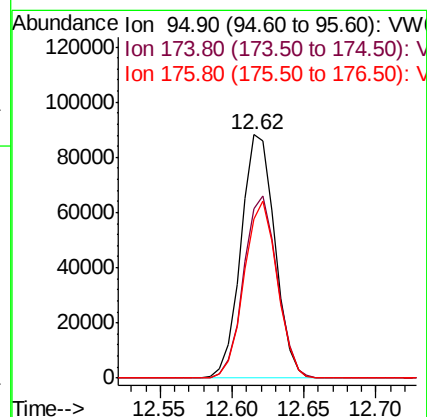
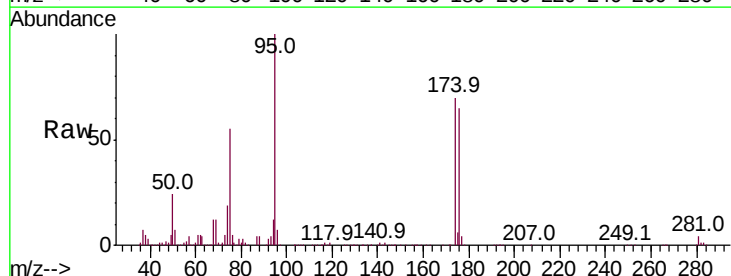
Tgt Ion: 95 Resp: 144383

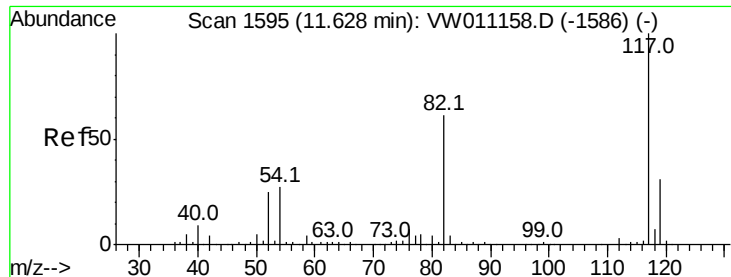
Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.6

176 70.9 0.0 144.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW011224.D

Acq: 11 Jul 2019 12:56

Instrument :

MSVOA_W

ClientSampleId :

DUP-0537-190709

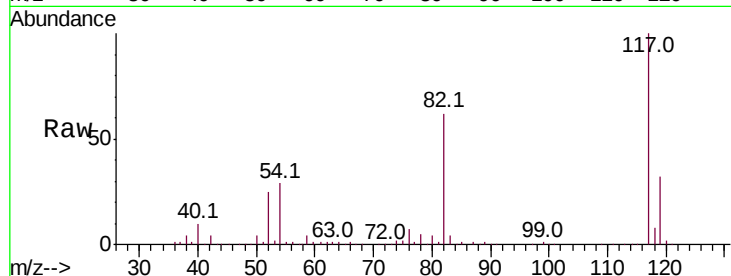
Tot Ion:117 Resp: 293701

Ion Ratio Lower Upper

117 100

82 61.8 48.9 73.3

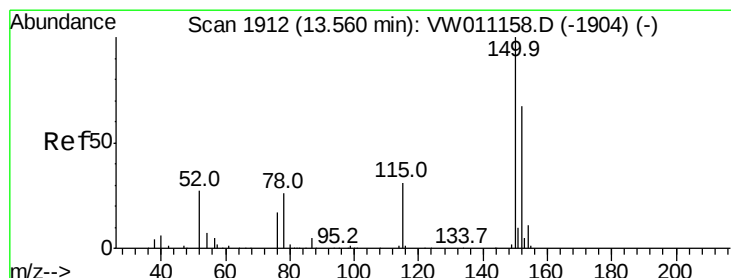
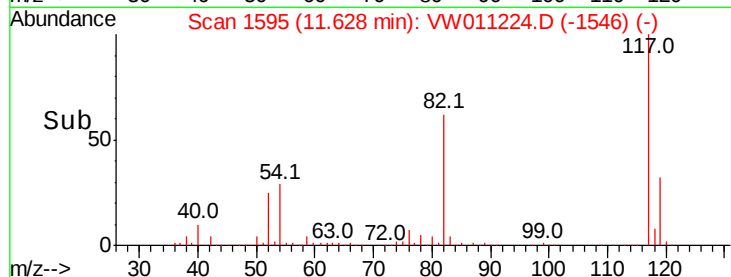
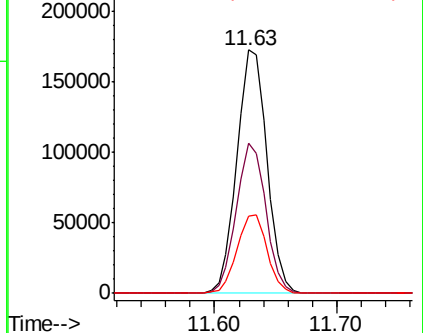
119 31.6 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011224.D

Acq: 11 Jul 2019 12:56

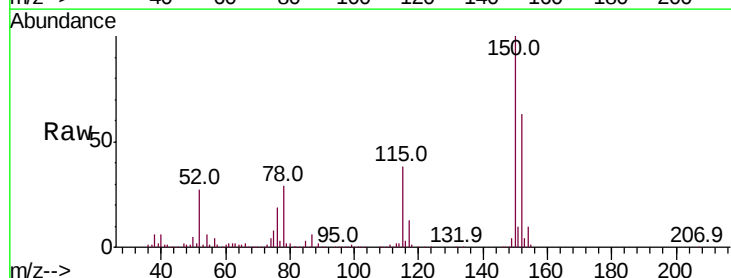
Tgt Ion:152 Resp: 129620

Ion Ratio Lower Upper

152 100

115 61.2 30.1 90.3

150 157.5 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

