

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014525.D
 Acq On : 06 Jan 2020 15:55
 Operator : SY/VA
 Sample : L1011-03
 Misc : 7.62G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-010220-4-5-GRAB-B3

Quant Time: Jan 07 05:01:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

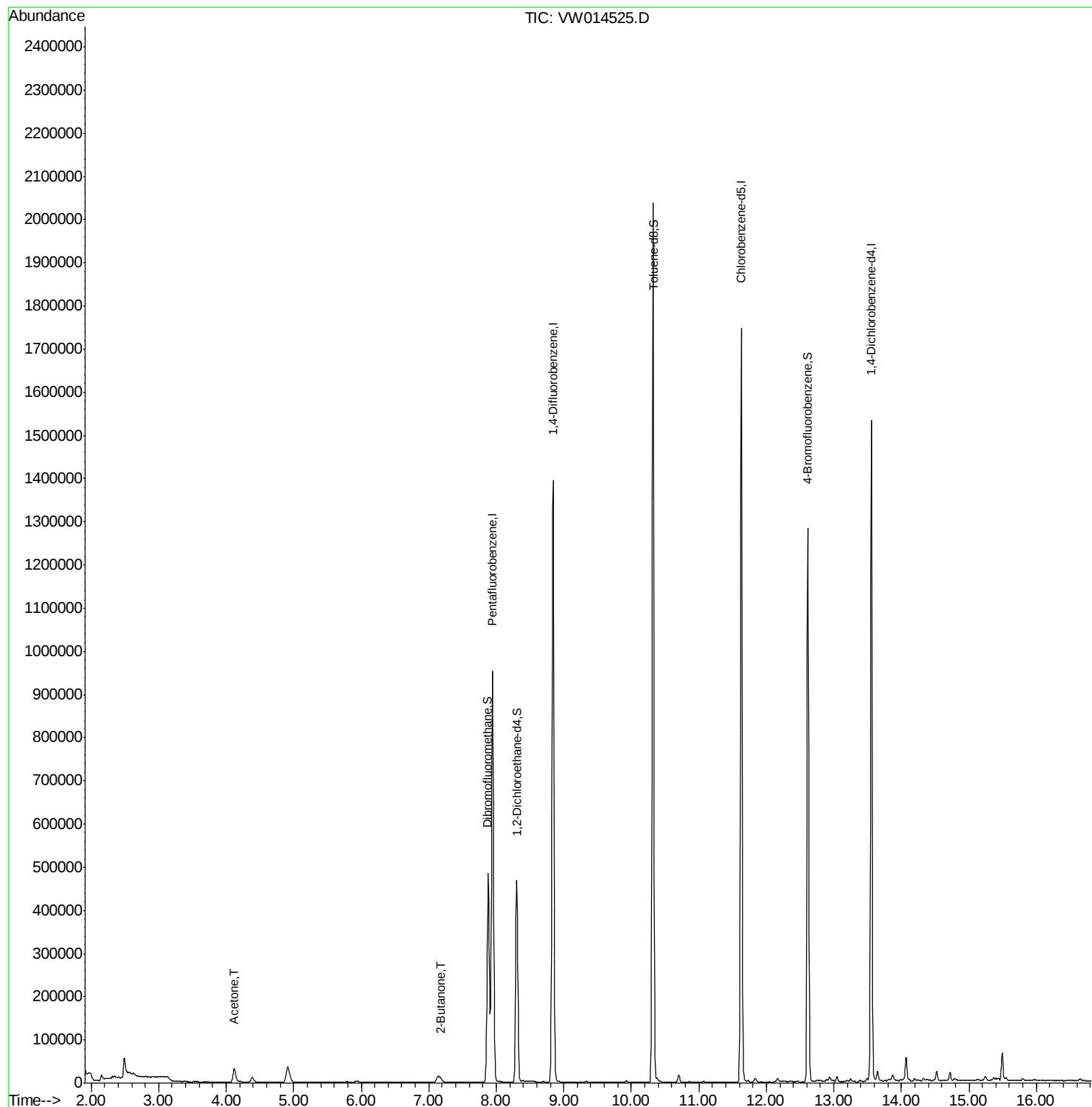
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	750923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1191987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	996638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	424620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	369163	56.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.46%	
35) Dibromofluoromethane	7.88	113	356703	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	10.32	98	1371742	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.62	95	420482	43.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.20%	
Target Compounds						
16) Acetone	4.11	43	59258	31.965	ug/l	90
25) 2-Butanone	7.18	43	12697	5.337	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

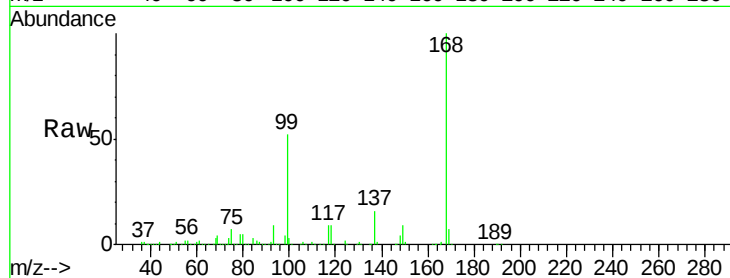
MC-010220-4-5-GRAB-B3

Tgt Ion: 168 Resp: 750923

Ion Ratio Lower Upper

168 100

99 52.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

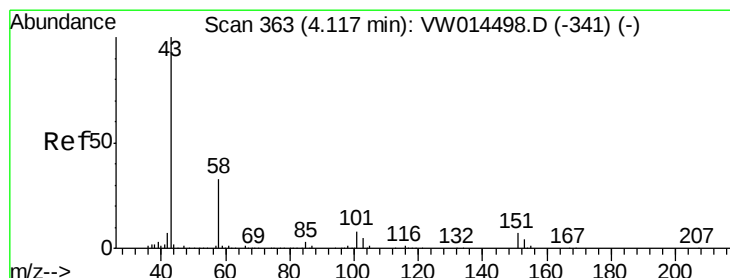
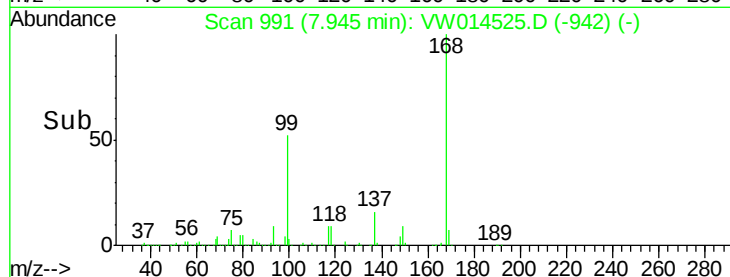
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 31.965 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014525.D

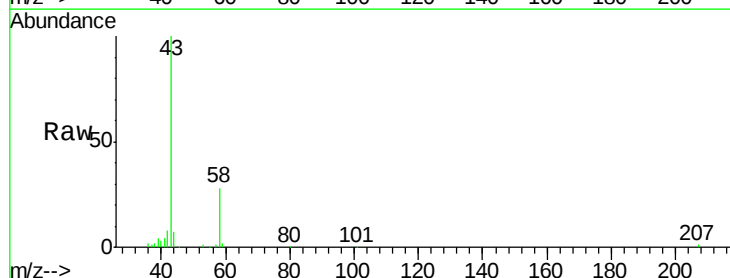
Acq: 06 Jan 2020 15:55

Tgt Ion: 43 Resp: 59258

Ion Ratio Lower Upper

43 100

58 27.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

20000

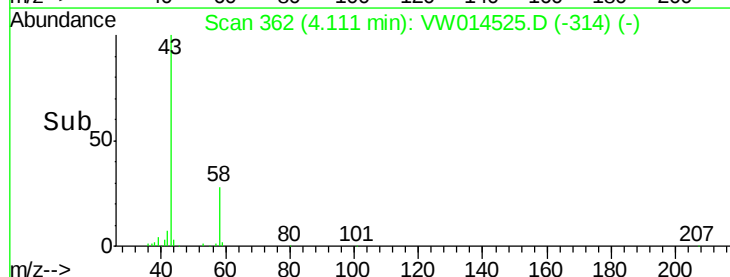
15000

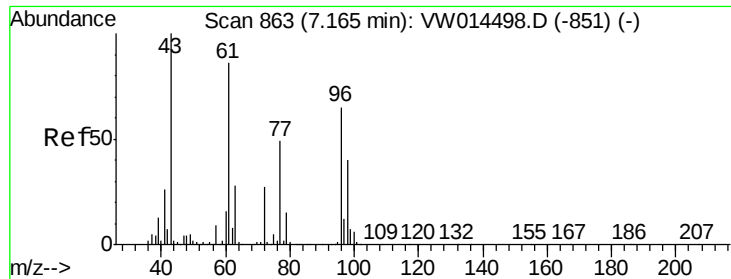
10000

5000

0

Time-->





#25

2-Butanone

Concen: 5.337 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

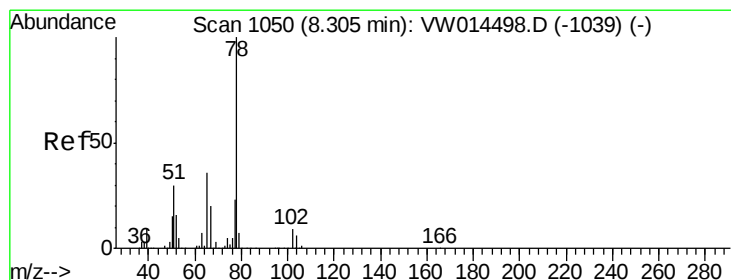
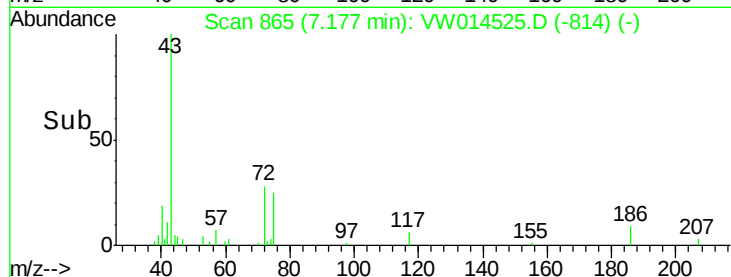
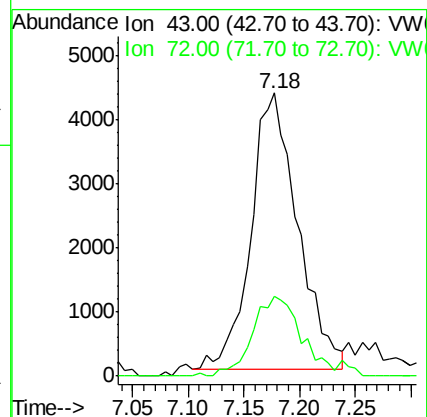
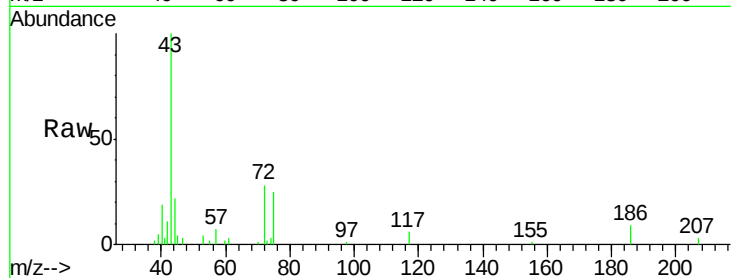
MC-010220-4-5-GRAB-B3

Tgt Ion: 43 Resp: 12697

Ion Ratio Lower Upper

43 100

72 28.7 21.9 32.9



#33

1,2-Dichloroethane-d4

Concen: 56.228 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW014525.D

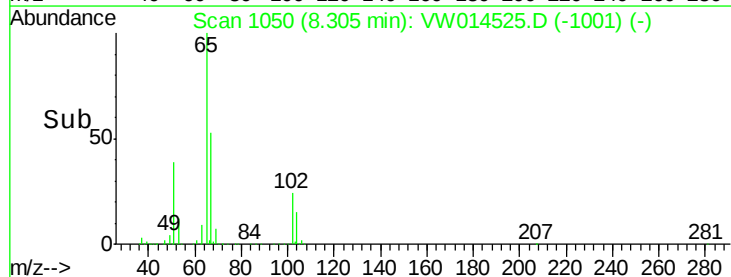
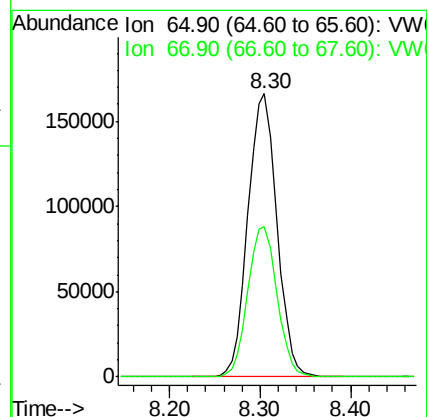
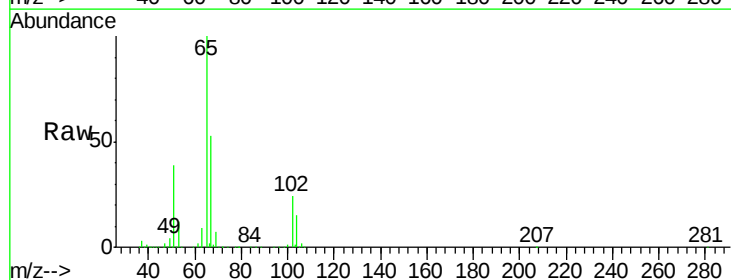
Acq: 06 Jan 2020 15:55

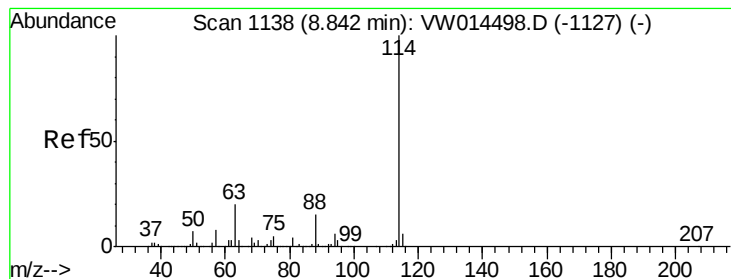
Tgt Ion: 65 Resp: 369163

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

MC-010220-4-5-GRAB-B3

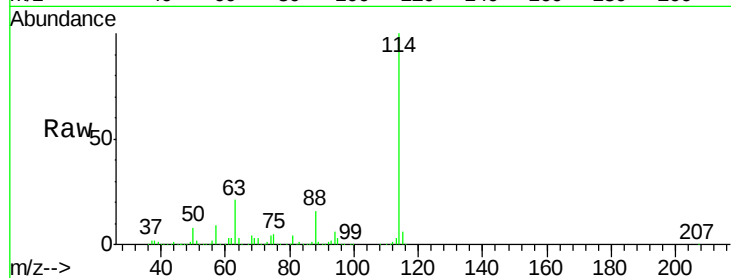
Tgt Ion:114 Resp: 1191987

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.4

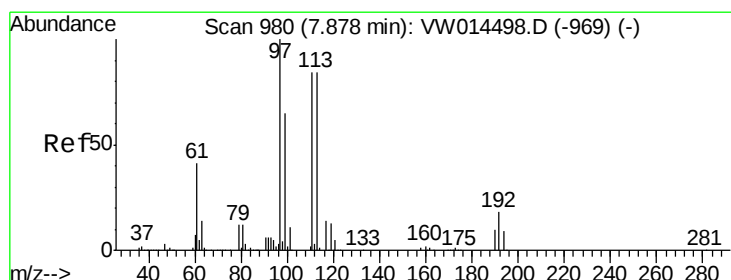
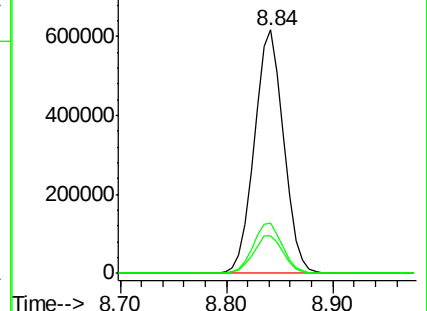
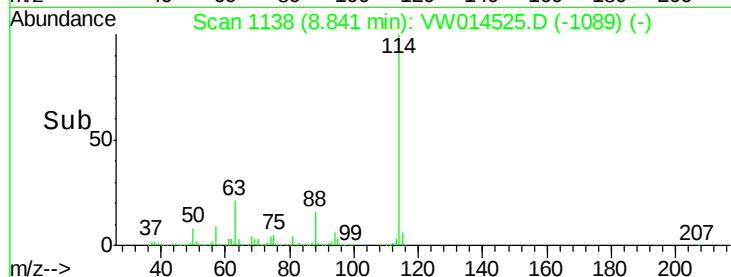
88 15.7 0.0 30.6



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: 52.361 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

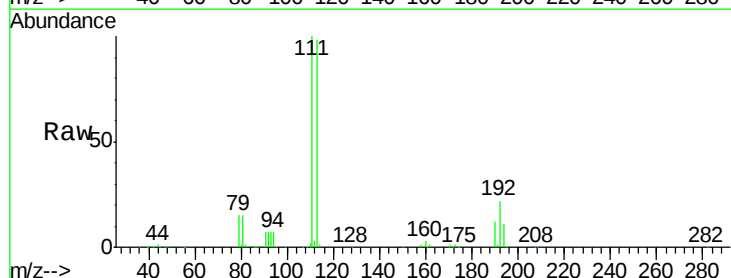
Tgt Ion:113 Resp: 356703

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

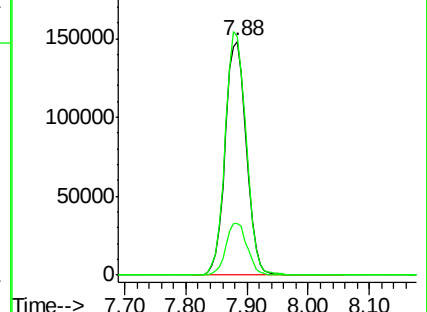
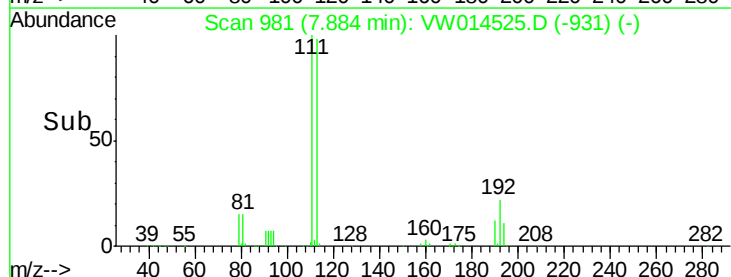
192 22.3 17.8 26.8

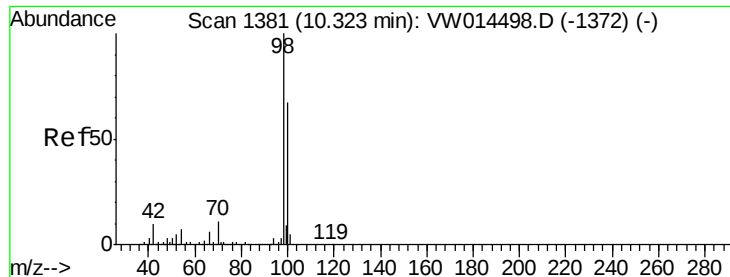


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.250 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

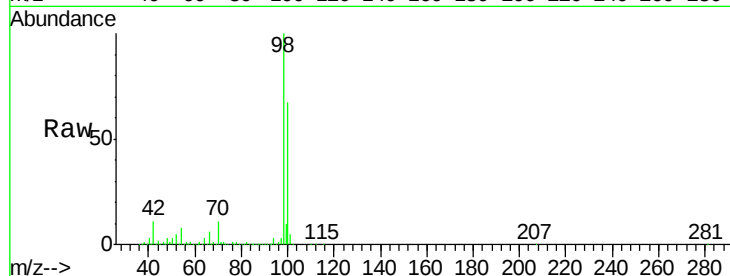
MC-010220-4-5-GRAB-B3

Tgt Ion: 98 Resp: 1371742

Ion Ratio Lower Upper

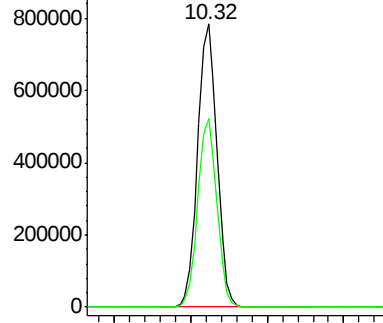
98 100

100 65.7 53.8 80.6

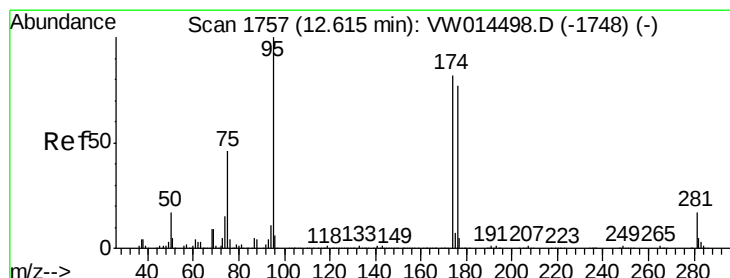
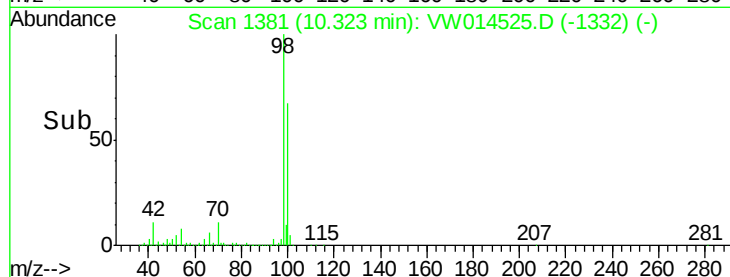


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 43.605 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

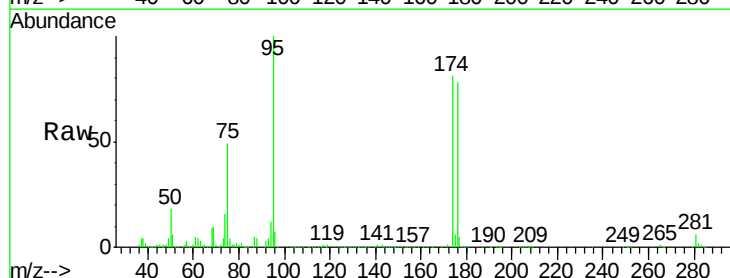
Tgt Ion: 95 Resp: 420482

Ion Ratio Lower Upper

95 100

174 83.1 0.0 168.6

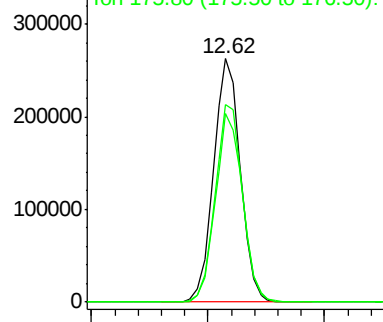
176 78.6 0.0 162.0



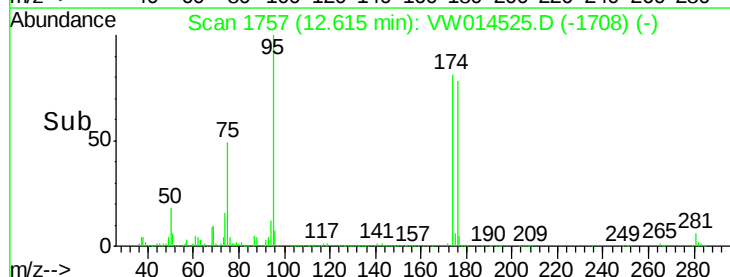
Abundance Ion 94.90 (94.60 to 95.60): VW

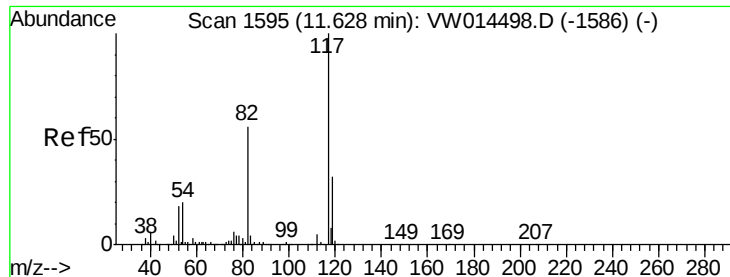
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

MC-010220-4-5-GRAB-B3

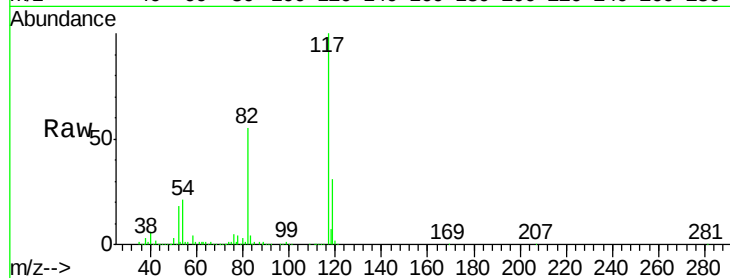
Tgt Ion:117 Resp: 996638

Ion Ratio Lower Upper

117 100

82 55.5 44.6 67.0

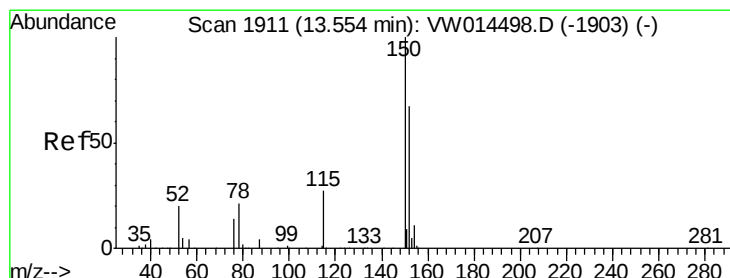
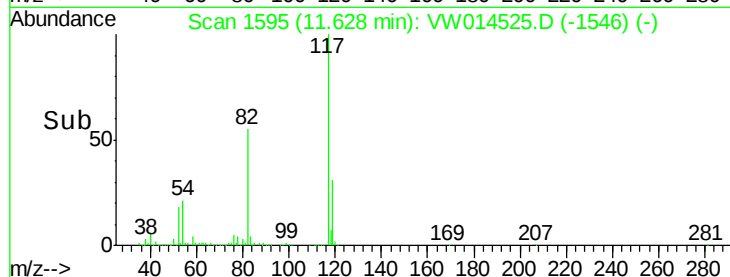
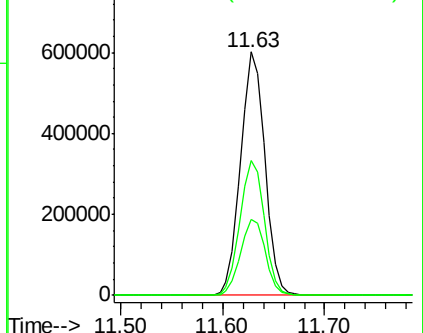
119 31.3 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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. 0.01 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

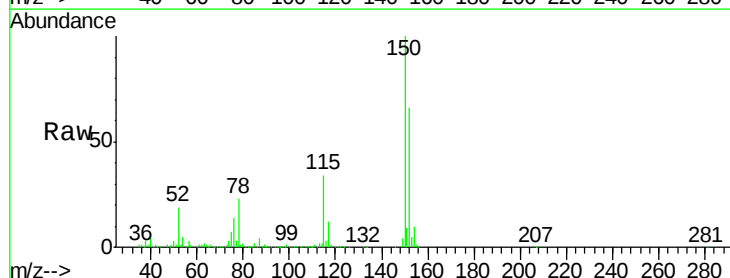
Tgt Ion:152 Resp: 424620

Ion Ratio Lower Upper

152 100

115 55.9 27.7 83.1

150 154.6 0.0 343.4



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

