

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015831.D
 Acq On : 09 Jul 2020 16:14
 Operator : SY/VA
 Sample : L3203-09RE
 Misc : 7.64G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-20RE

Quant Time: Jul 10 06:20:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

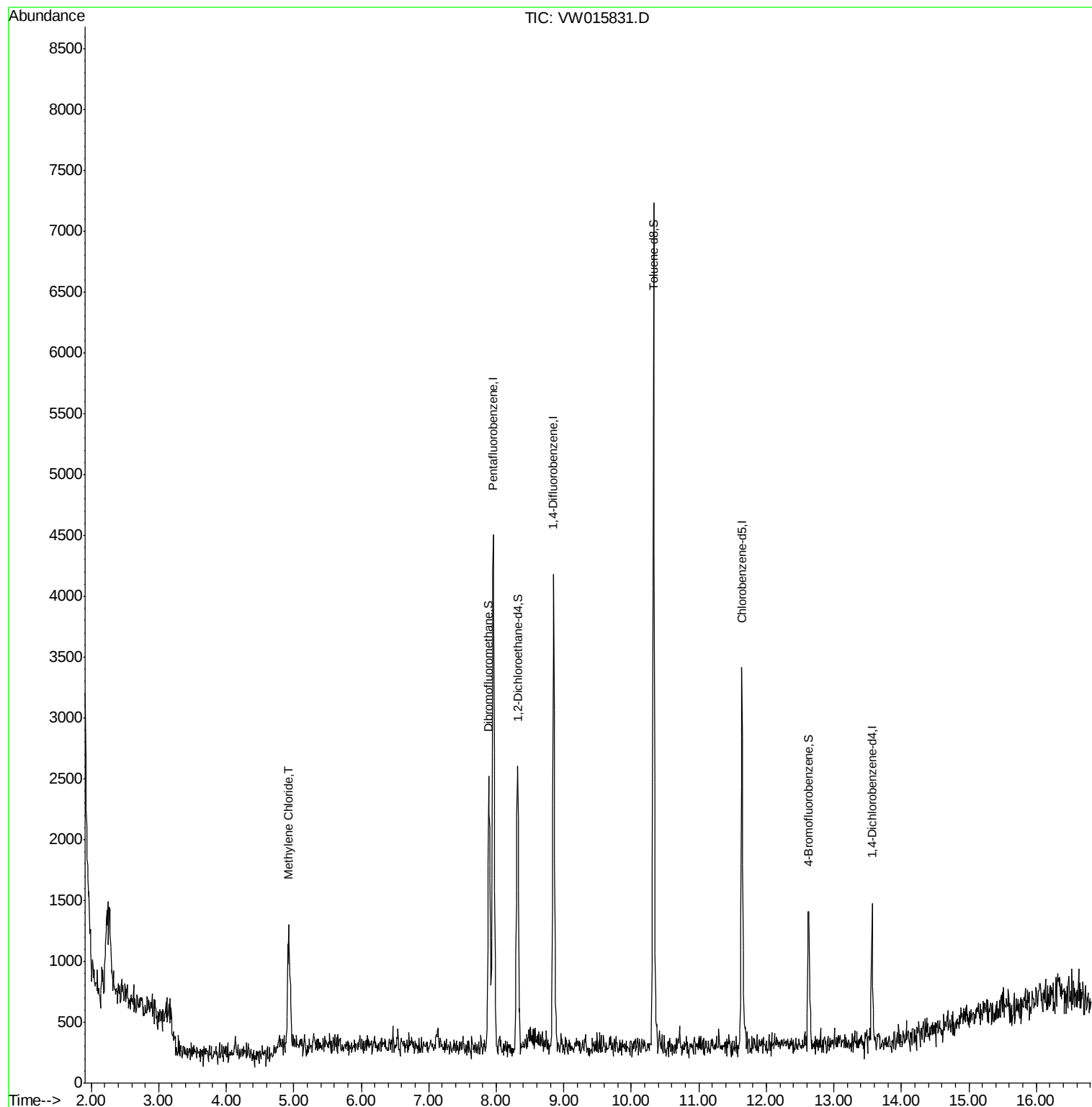
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	3350	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	3793	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.63	117	2248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	447	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	2043	59.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.44%	
35) Dibromofluoromethane	7.89	113	1704	77.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	154.00%	
50) Toluene-d8	10.33	98	4597	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
62) 4-Bromofluorobenzene	12.63	95	632	20.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.52%	
Target Compounds						
20) Methylene Chloride	4.92	84	700	18.214	ug/l #	Qvalue 79

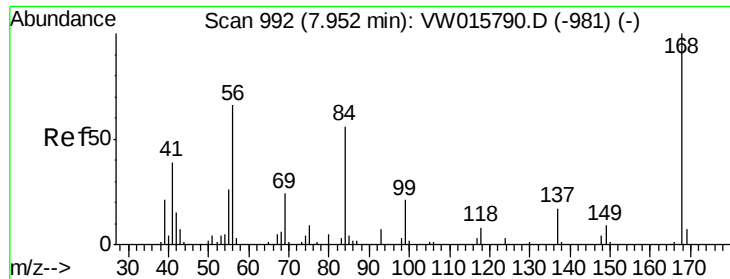
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

Instrument :

MSVOA_W

ClientSampleId :

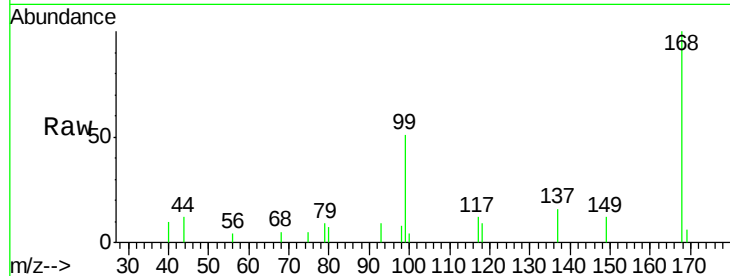
RO-20RE

Tot Ion:168 Resp: 3350

Ion Ratio Lower Upper

168 100

99 51.0 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

1500

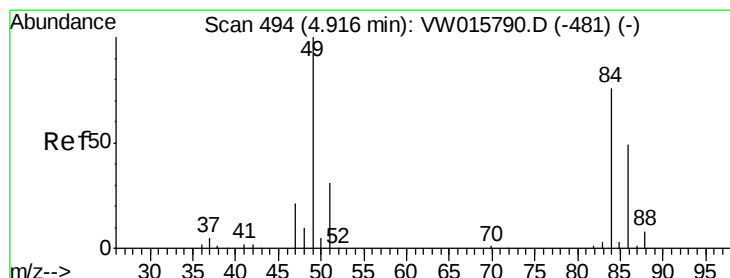
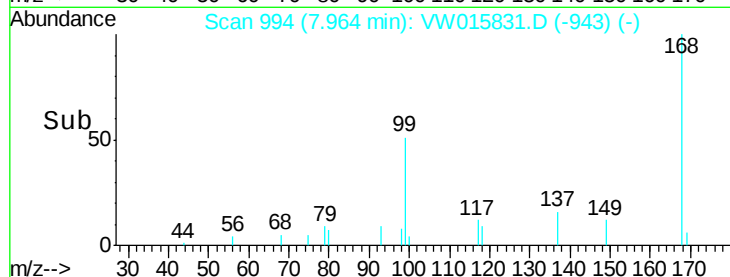
1000

500

0

7.90 7.95 8.00

Time-->



#20

Methylene Chloride

Concen: 18.214 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

Tgt Ion: 84 Resp: 700

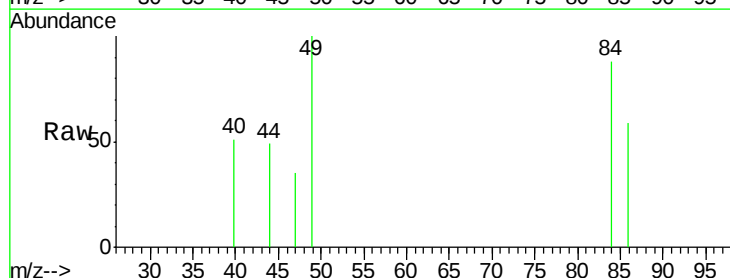
Ion Ratio Lower Upper

84 100

49 113.3 105.0 157.6

51 0.0 32.3 48.5#

86 66.5 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.92

500

400

300

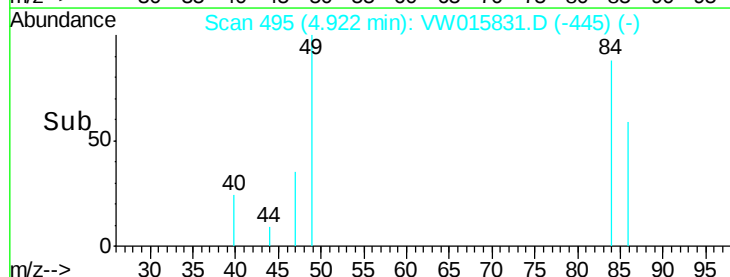
200

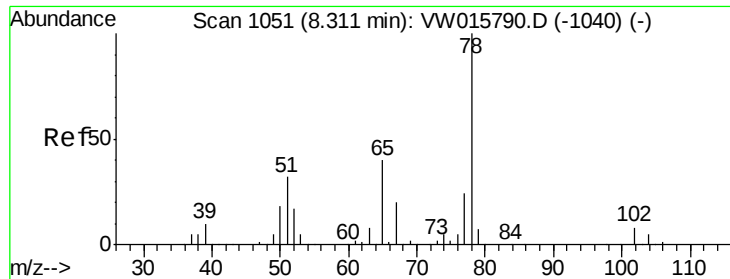
100

0

4.85 4.90 4.95 5.00

Time-->

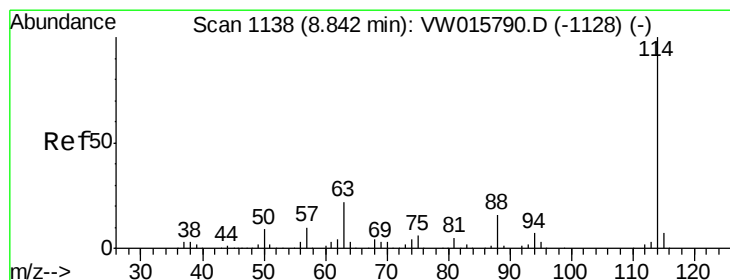
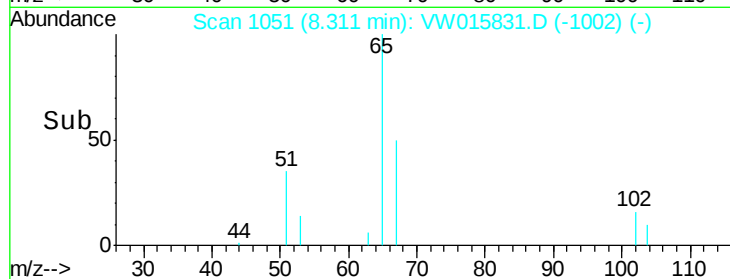
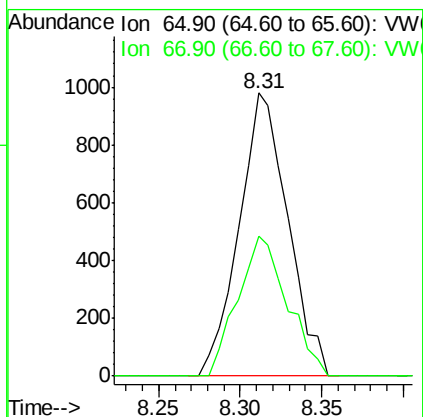
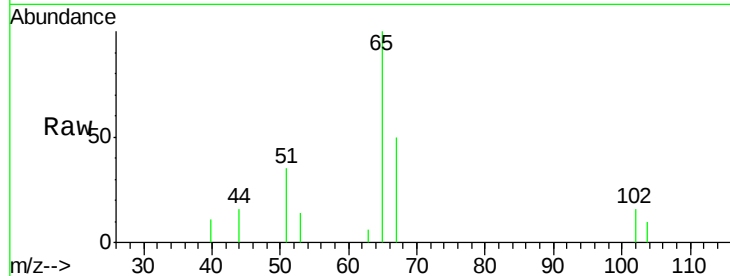




#33
 1,2-Dichloroethane-d4
 Concen: 59.223 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015831.D
 Acq: 09 Jul 2020 16:14

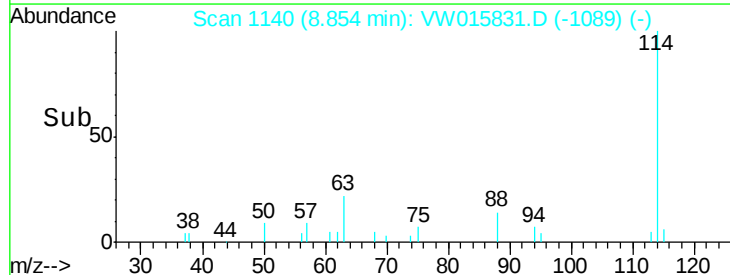
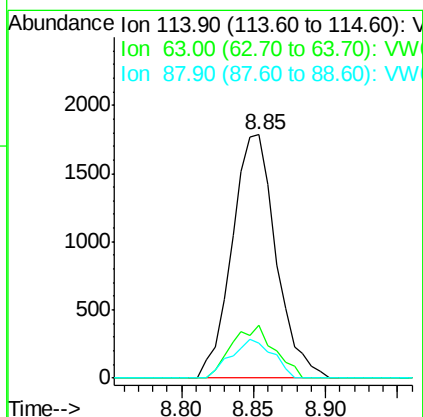
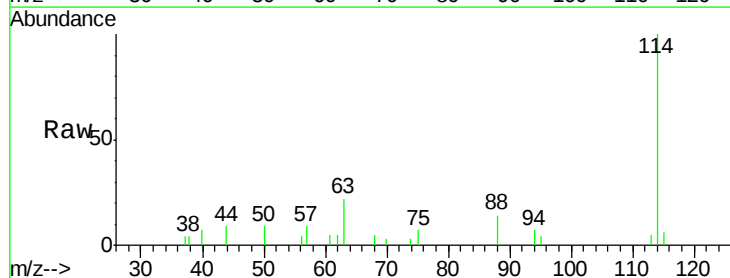
Instrument :
 MSVOA_W
 ClientSampled :
 RO-20RE

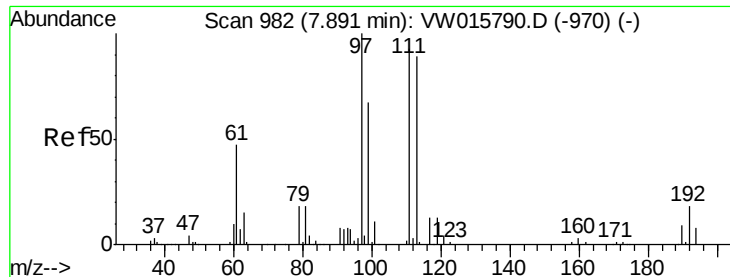
Tot Ion: 65 Resp: 2043
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW015831.D
 Acq: 09 Jul 2020 16:14

Tgt Ion: 114 Resp: 3793
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.4
 88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 77.003 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

Instrument :

MSVOA_W

ClientSampleId :

RO-20RE

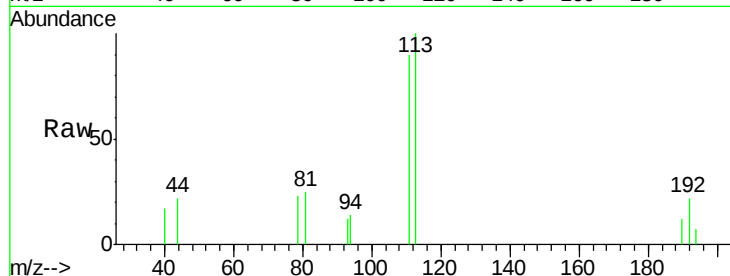
Tot Ion:113 Resp: 1704

Ion Ratio Lower Upper

113 100

111 97.1 82.8 124.2

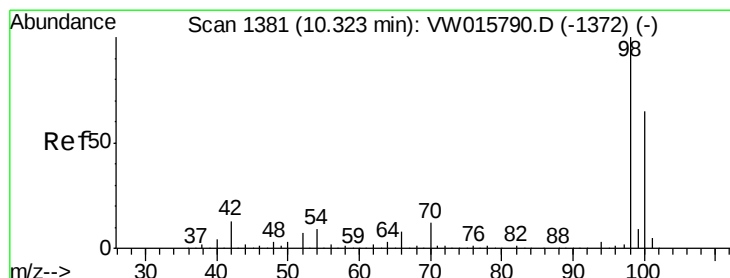
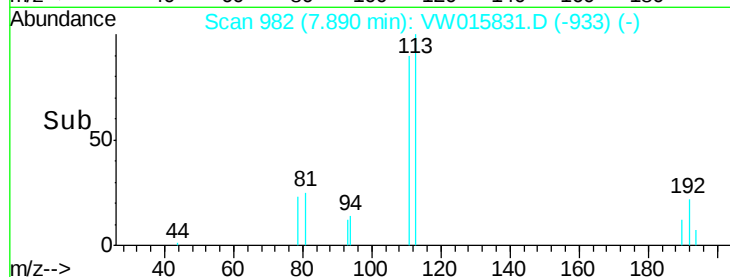
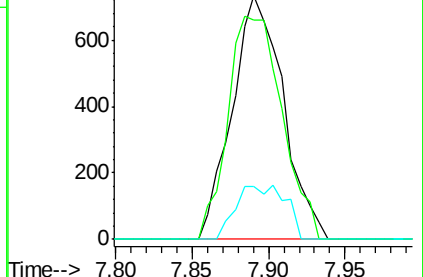
192 21.5 15.4 23.2



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: 54.082 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW015831.D

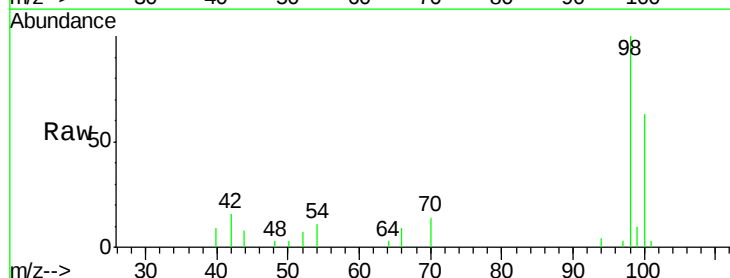
Acq: 09 Jul 2020 16:14

Tgt Ion: 98 Resp: 4597

Ion Ratio Lower Upper

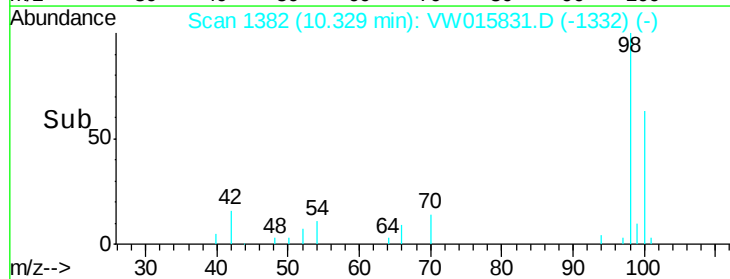
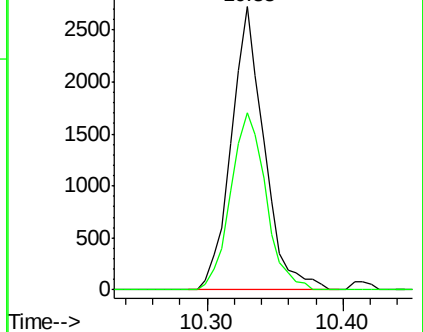
98 100

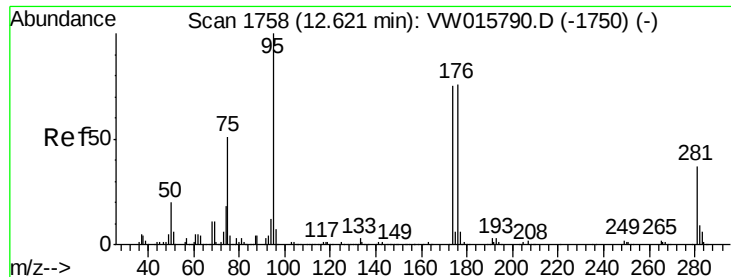
100 66.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 20.262 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

Instrument :

MSVOA_W

ClientSampleId :

RO-20RE

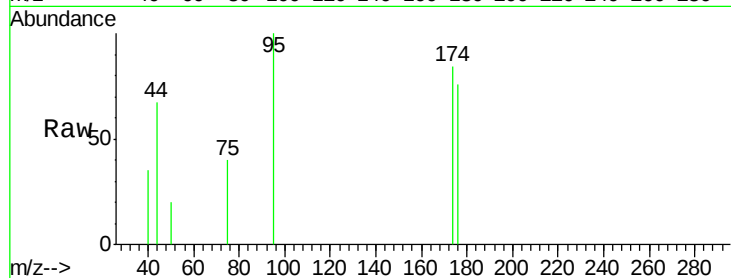
Tot Ion: 95 Resp: 632

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

176 74.8 0.0 148.4



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

12.63

300

200

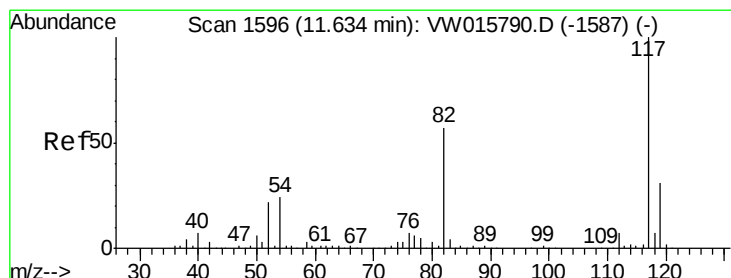
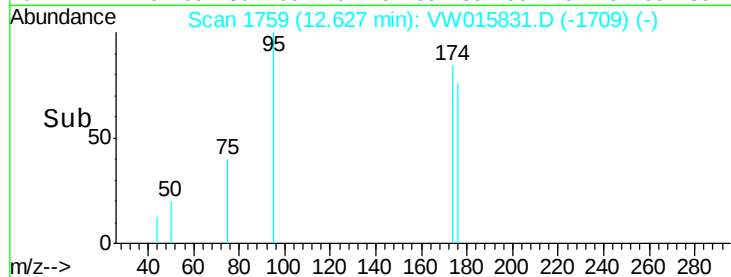
100

0

12.60

12.65

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

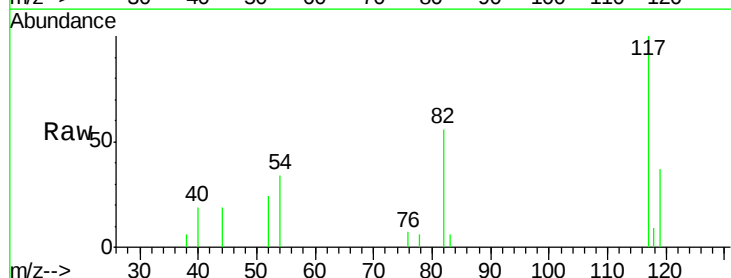
Tgt Ion: 117 Resp: 2248

Ion Ratio Lower Upper

117 100

82 55.7 45.5 68.3

119 36.8 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

11.63

1000

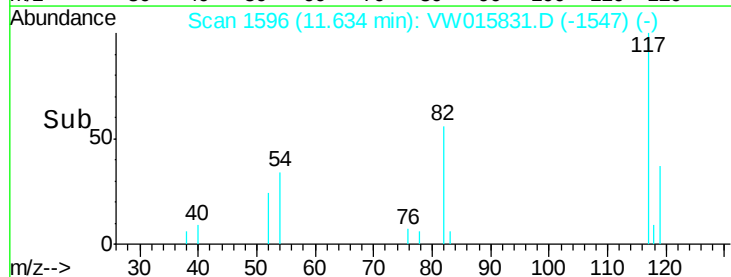
500

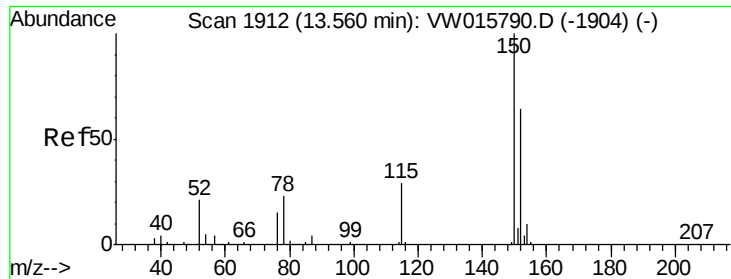
0

11.60

11.70

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1914

Delta R.T. 0.01 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

Instrument :

MSVOA_W

ClientSampleId :

RO-20RE

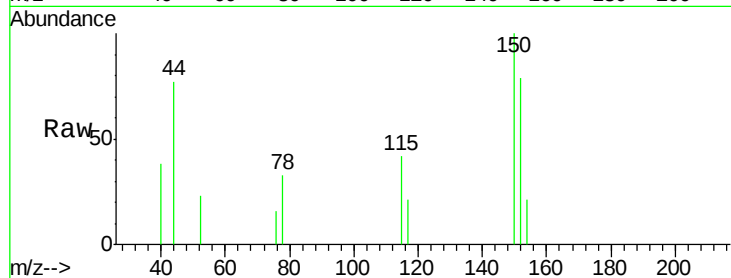
Tot Ion:152 Resp: 447

Ion Ratio Lower Upper

152 100

115 50.8 29.9 89.7

150 143.8 0.0 350.8



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

500

400

300

200

100

0

13.55

13.57

13.60

Time-->

