

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015832.D
 Acq On : 09 Jul 2020 16:37
 Operator : SY/VA
 Sample : L3203-13RE
 Misc : 6.63G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-06RE

Quant Time: Jul 10 06:22:22 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

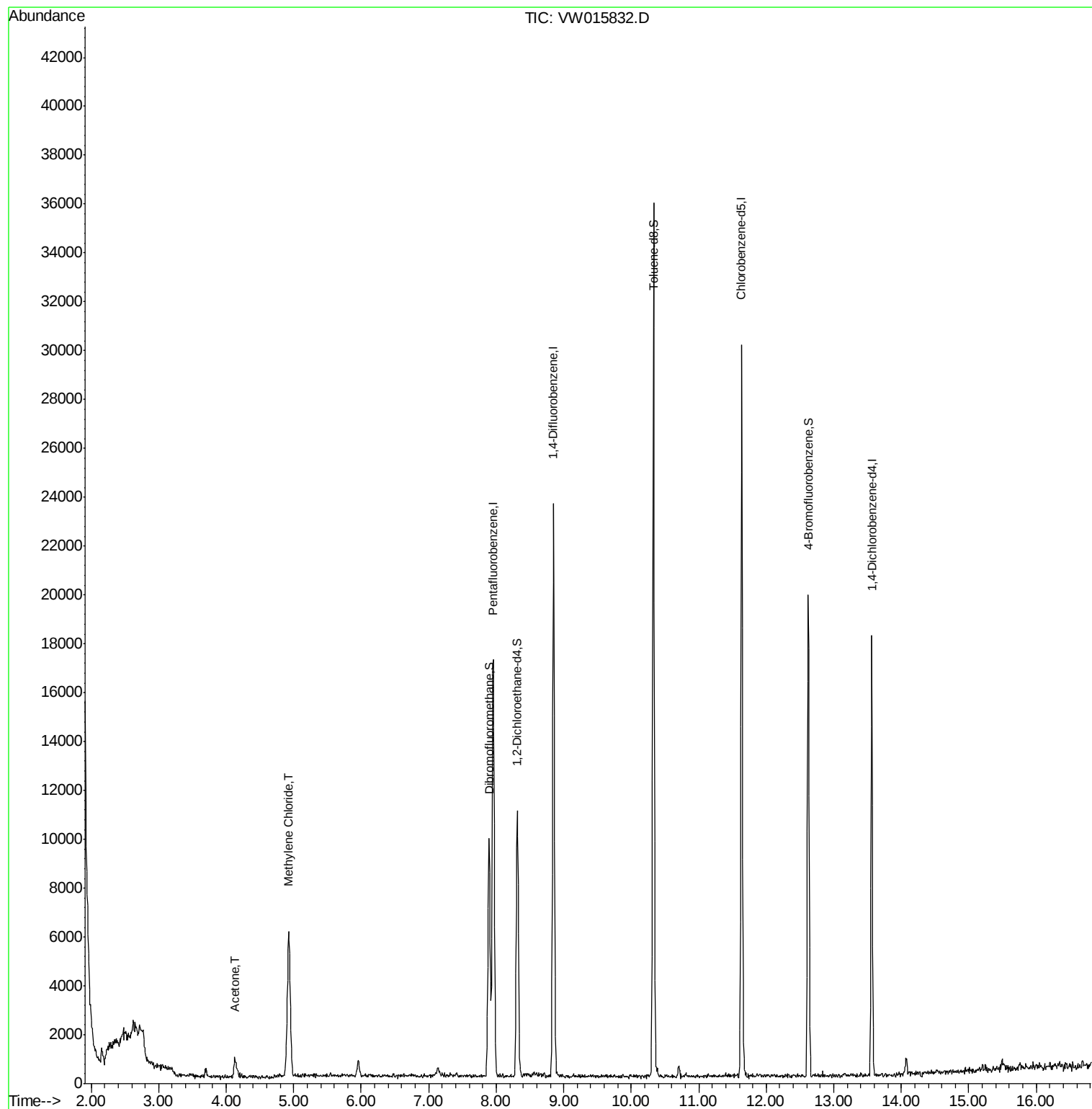
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	12524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	18044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	4735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	8941	69.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.66%	
35) Dibromofluoromethane	7.89	113	7330	69.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.26%	
50) Toluene-d8	10.33	98	23953	59.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.48%	
62) 4-Bromofluorobenzene	12.62	95	6337	42.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.42%	
Target Compounds						
16) Acetone	4.14	43	1600	66.305	ug/l #	85
20) Methylene Chloride	4.93	84	4498	34.911	ug/l	91

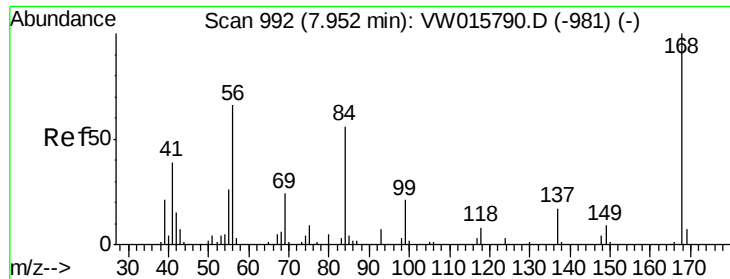
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW015832.D

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Instrument :

MSVOA_W

ClientSampleId :

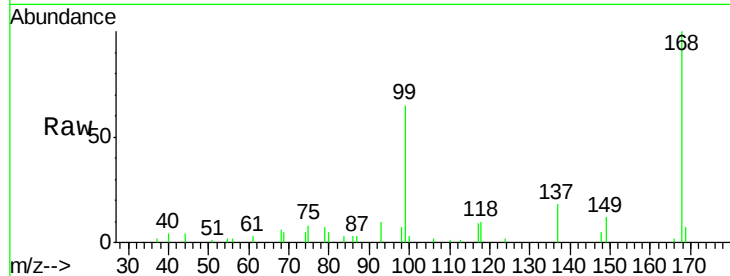
RO-06RE

Tot Ion:168 Resp: 12524

Ion Ratio Lower Upper

168 100

99 64.9 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

6000

5000

4000

3000

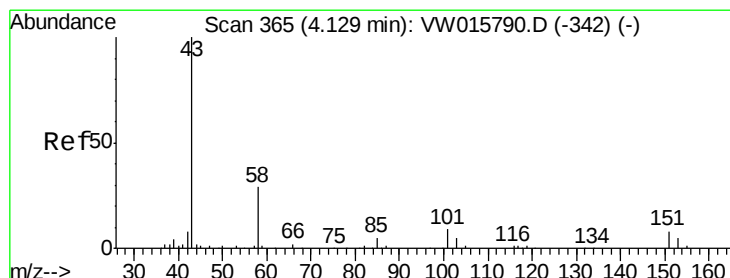
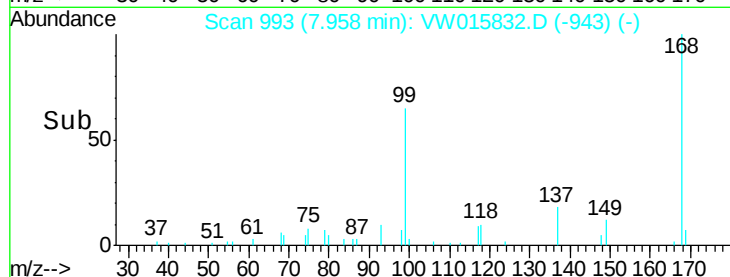
2000

1000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 66.305 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015832.D

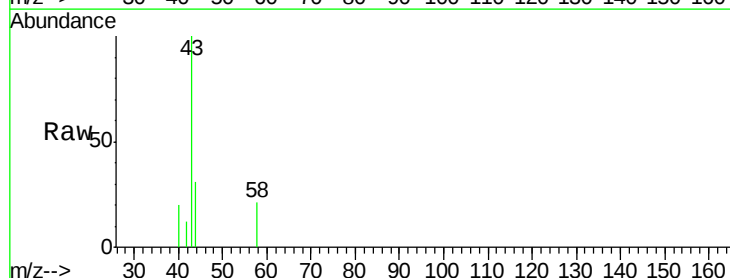
Acq: 09 Jul 2020 16:37

Tgt Ion: 43 Resp: 1600

Ion Ratio Lower Upper

43 100

58 21.4 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

600

500

400

300

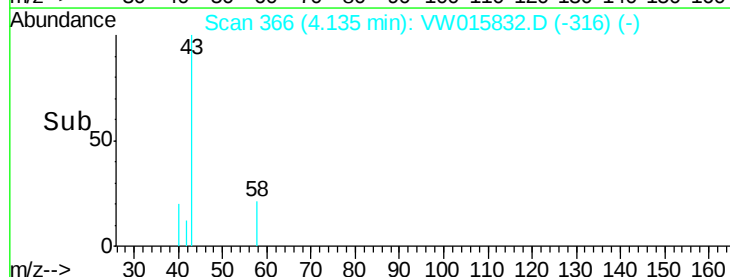
200

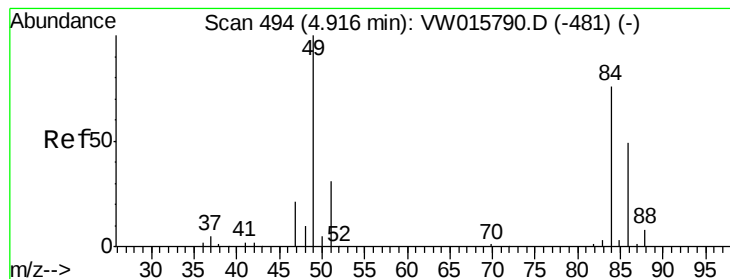
100

0

Time-->

4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: 34.911 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW015832.D

Acq: 09 Jul 2020 16:37

Instrument :

MSVOA_W

ClientSampleId :

RO-06RE

Tot Ion: 84 Resp: 4498

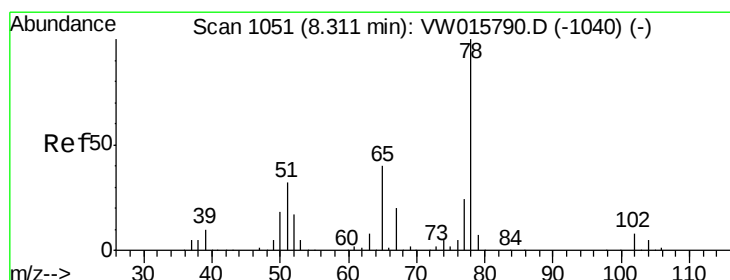
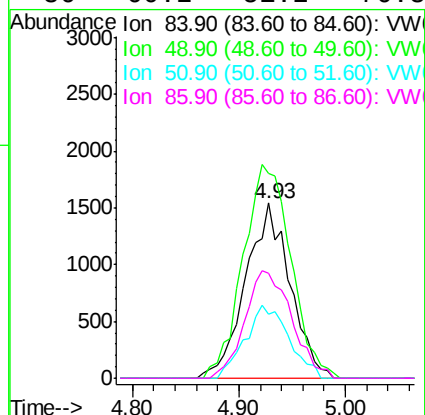
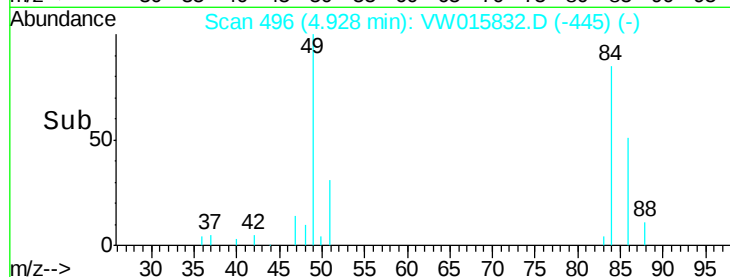
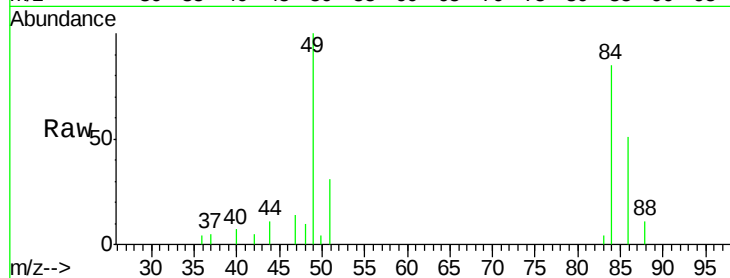
Ion Ratio Lower Upper

84 100

49 117.2 105.0 157.6

51 36.8 32.3 48.5

86 60.2 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 69.328 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015832.D

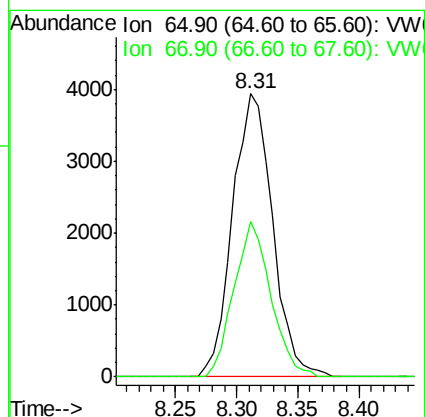
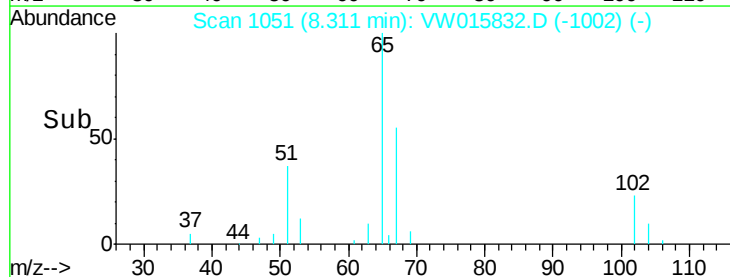
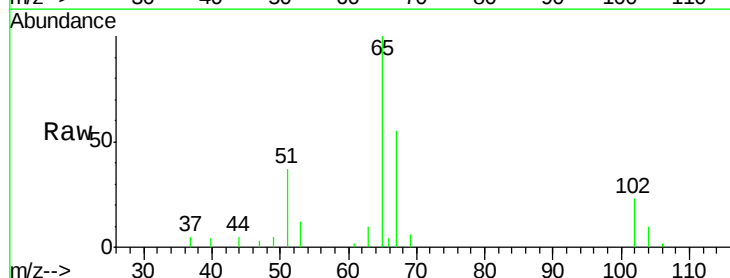
Acq: 09 Jul 2020 16:37

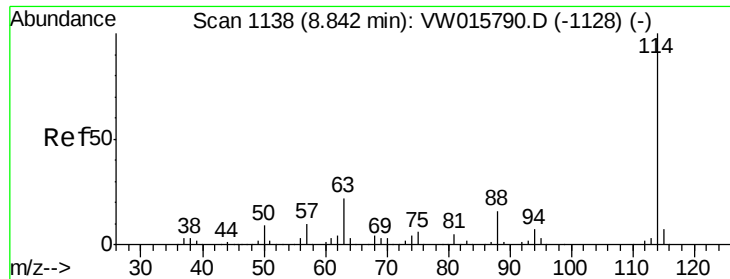
Tgt Ion: 65 Resp: 8941

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4

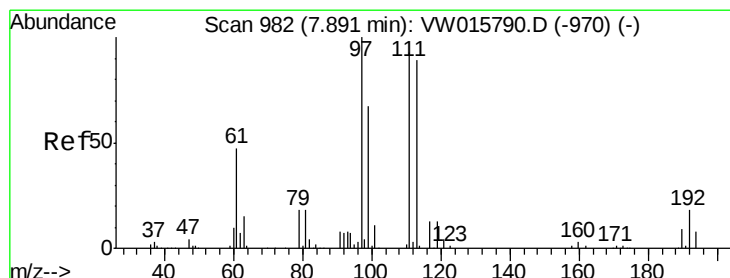
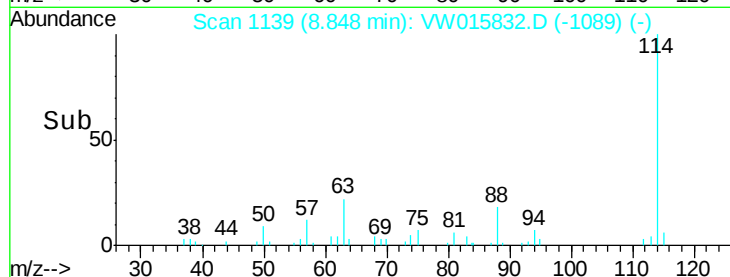
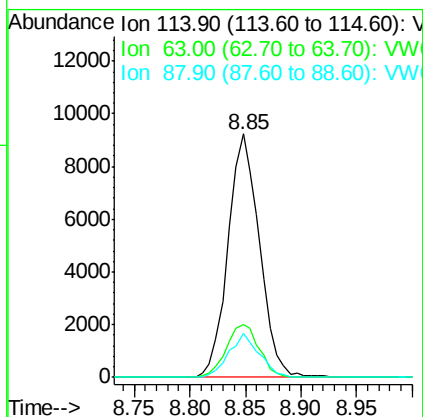
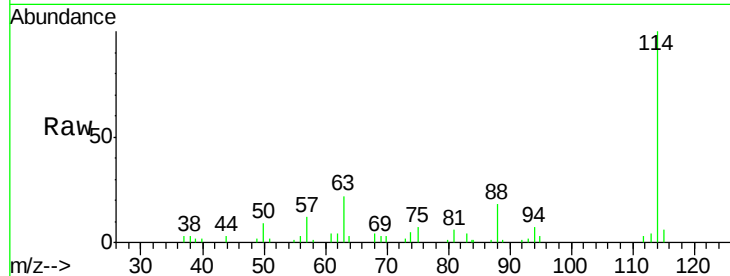




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015832.D
 Acq: 09 Jul 2020 16:37

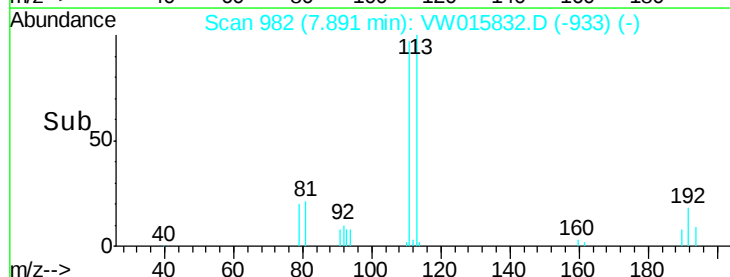
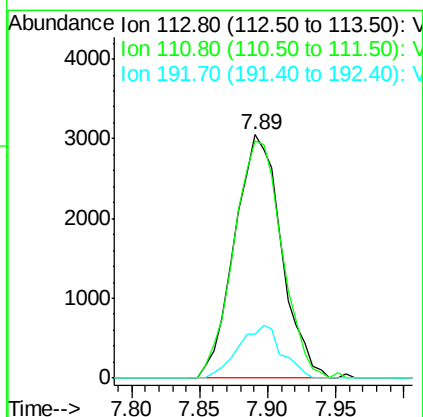
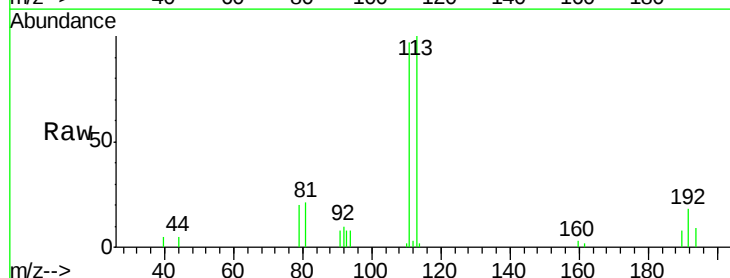
Instrument :
 MSVOA_W
 ClientSampleId :
 RO-06RE

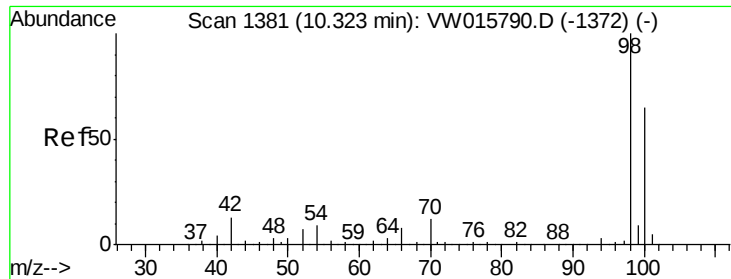
Tot Ion:114 Resp: 18044
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.4
 88 17.8 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 69.629 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW015832.D
 Acq: 09 Jul 2020 16:37

Tgt Ion:113 Resp: 7330
 Ion Ratio Lower Upper
 113 100
 111 100.0 82.8 124.2
 192 19.9 15.4 23.2

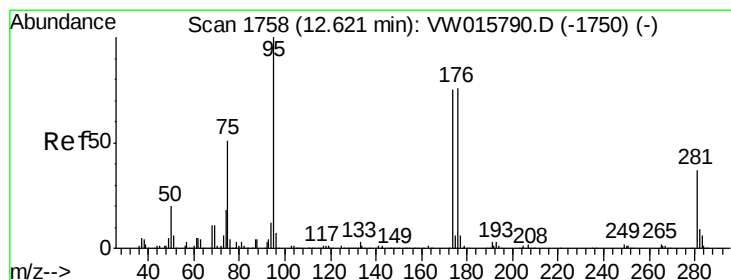
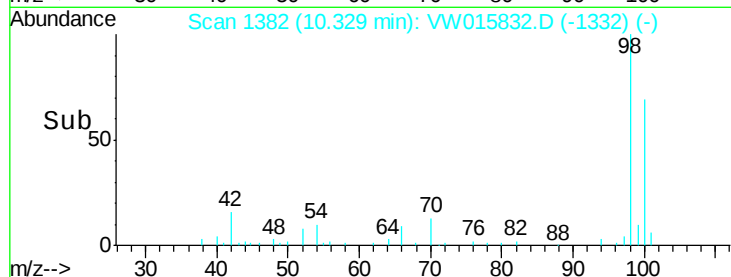
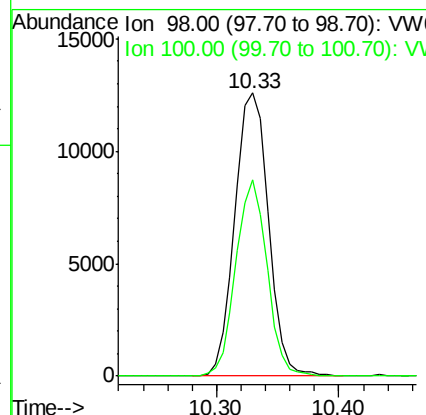
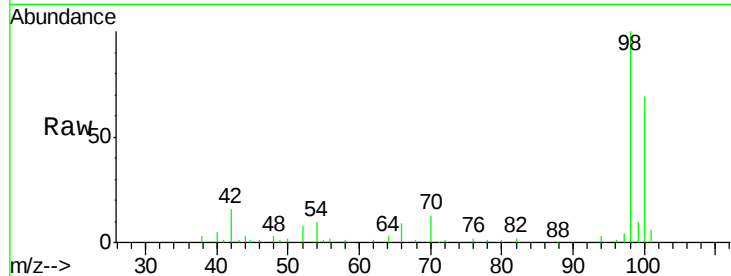




#50
Toluene-d8
Concen: 59.236 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015832.D
Acq: 09 Jul 2020 16:37

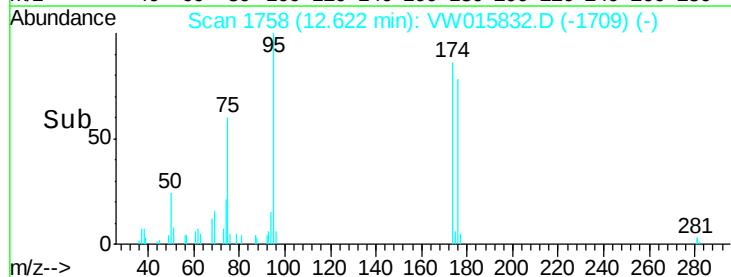
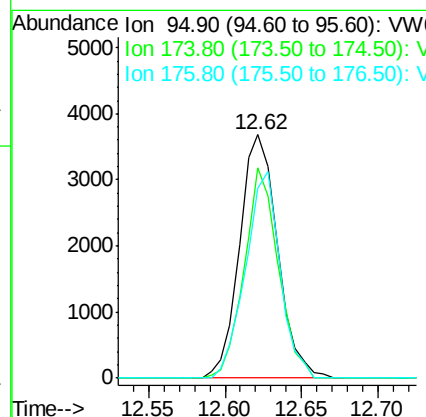
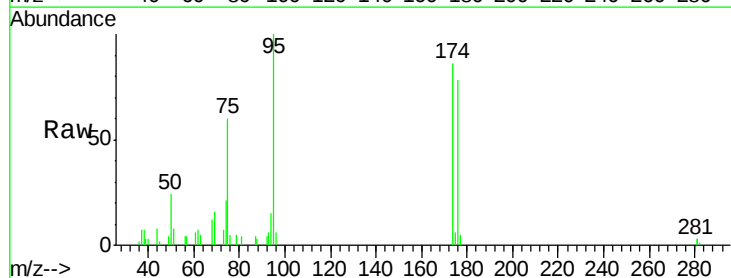
Instrument :
MSVOA_W
ClientSampled :
RO-06RE

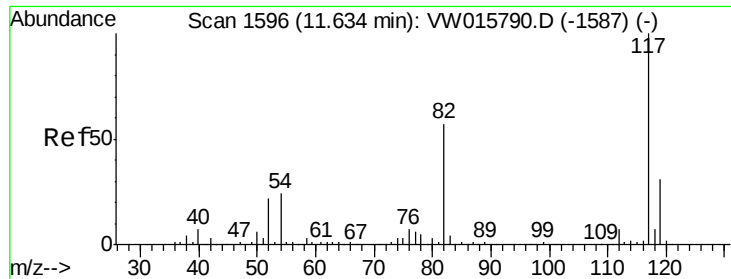
Tot Ion: 98 Resp: 23953
Ion Ratio Lower Upper
98 100
100 64.3 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 42.708 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015832.D
Acq: 09 Jul 2020 16:37

Tgt Ion: 95 Resp: 6337
Ion Ratio Lower Upper
95 100
174 77.5 0.0 150.2
176 77.3 0.0 148.4

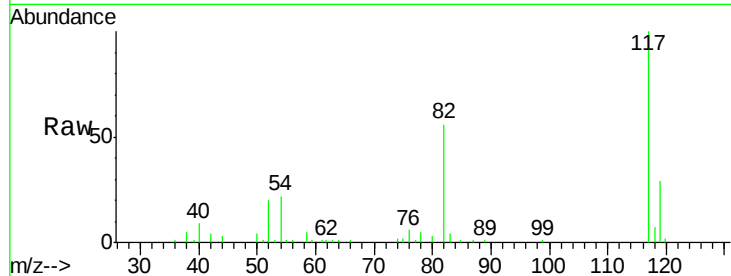




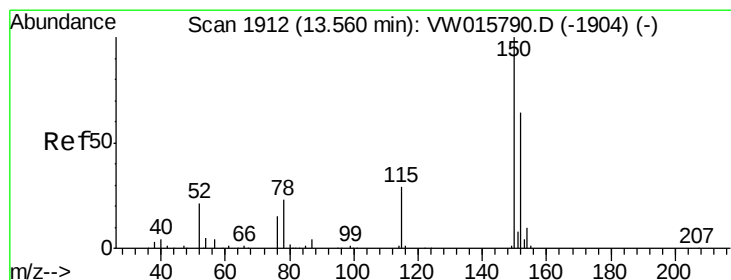
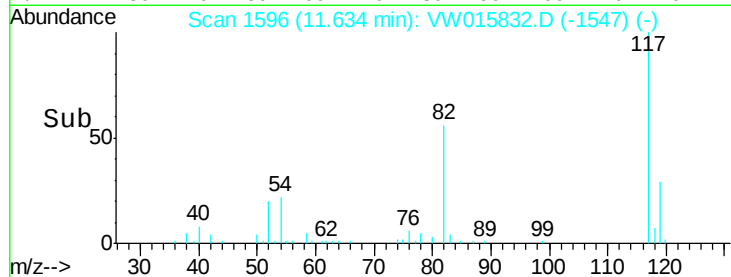
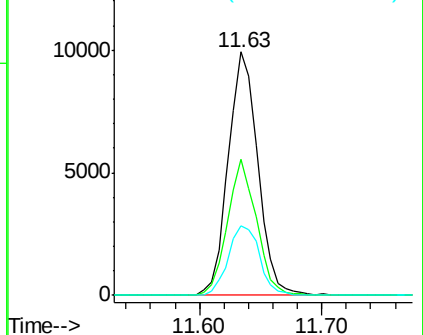
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015832.D
Acq: 09 Jul 2020 16:37

Instrument :
MSVOA_W
ClientSampleId :
RO-06RE

Tot Ion:117 Resp: 16637
Ion Ratio Lower Upper
117 100
82 55.8 45.5 68.3
119 28.6 25.0 37.6

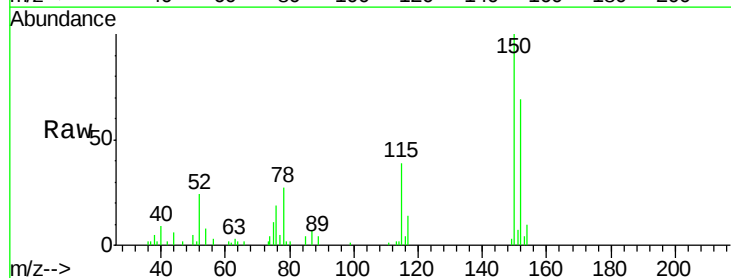


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015832.D
Acq: 09 Jul 2020 16:37

Tgt Ion:152 Resp: 4735
Ion Ratio Lower Upper
152 100
115 60.9 29.9 89.7
150 152.4 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

