

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015829.D
 Acq On : 09 Jul 2020 15:27
 Operator : SY/VA
 Sample : L3203-01RE
 Misc : 6.82G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-24RE

Quant Time: Jul 10 06:16:47 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

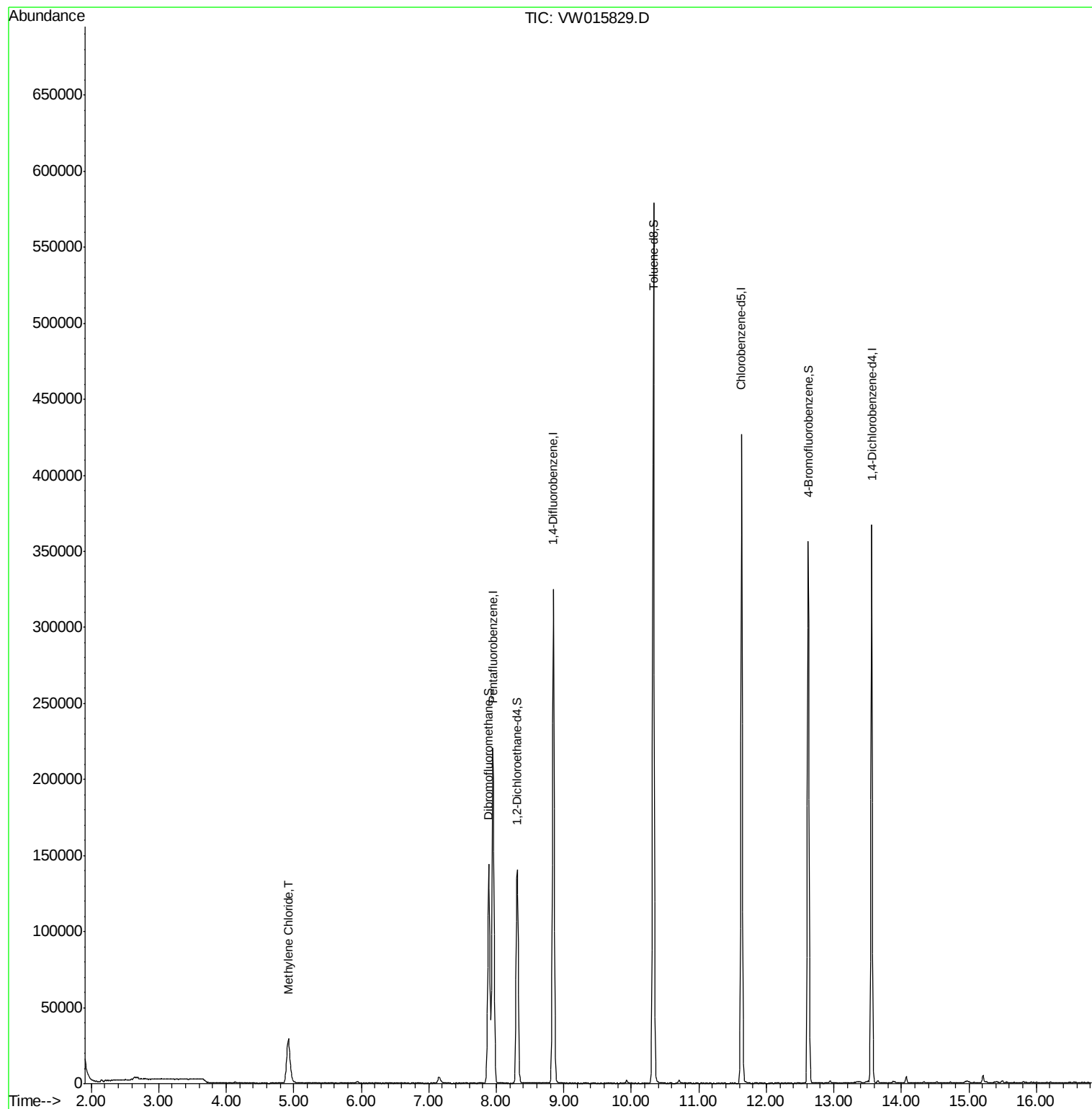
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	154767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	262098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	227666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115275	72.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.66%	
35) Dibromofluoromethane	7.89	113	99253	64.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.82%	
50) Toluene-d8	10.33	98	377427	64.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.52%	
62) 4-Bromofluorobenzene	12.62	95	113993	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
Target Compounds						
20) Methylene Chloride	4.92	84	25251	13.122	ug/l	Qvalue 98

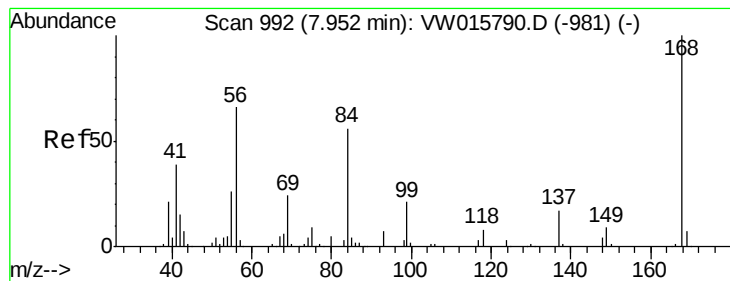
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015829.D

Acq: 09 Jul 2020 15:27

Instrument :

MSVOA_W

ClientSampleId :

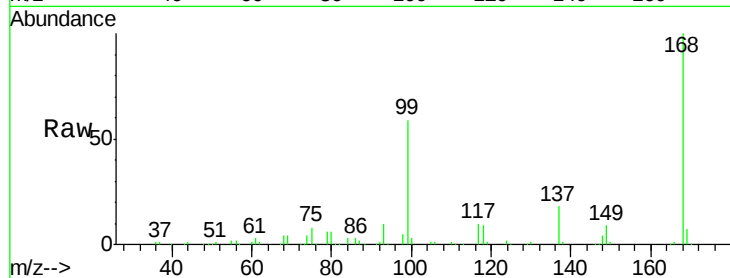
RO-24RE

Tot Ion:168 Resp: 154767

Ion Ratio Lower Upper

168 100

99 59.2 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

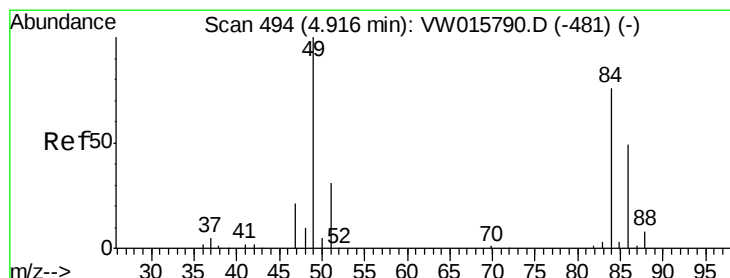
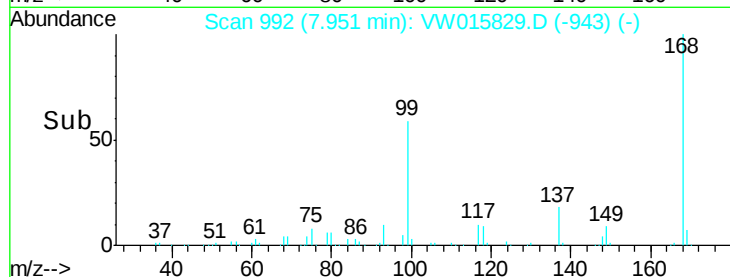
40000

20000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 13.122 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015829.D

Acq: 09 Jul 2020 15:27

Tgt Ion: 84 Resp: 25251

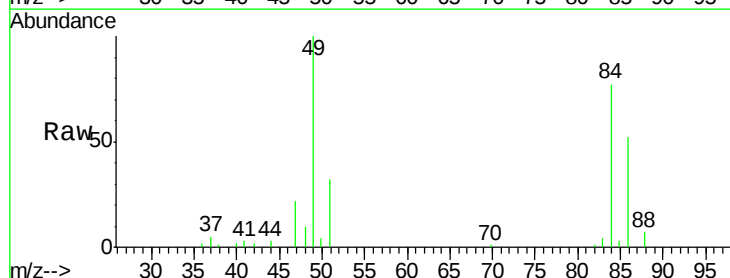
Ion Ratio Lower Upper

84 100

49 129.1 105.0 157.6

51 41.5 32.3 48.5

86 66.8 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

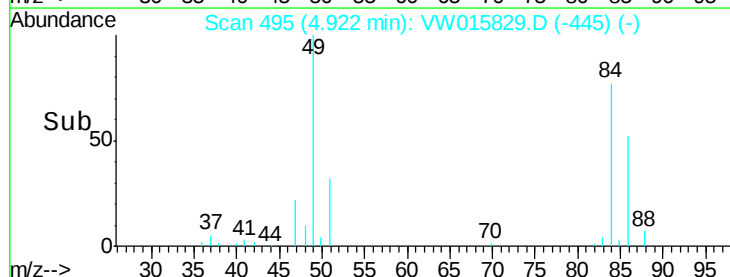
10000

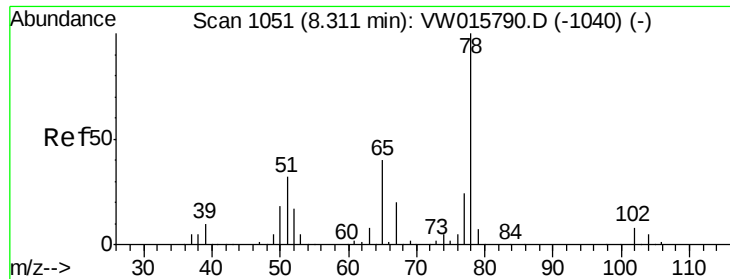
5000

0

4.80 4.90 5.00 5.10

Time-->

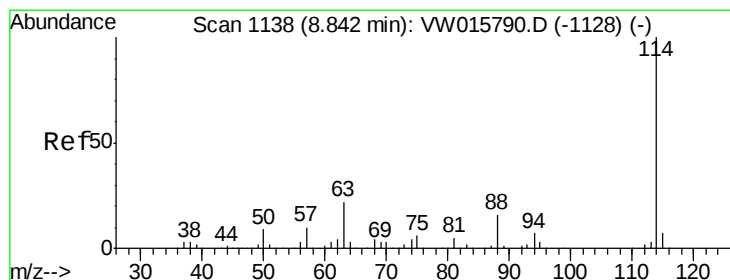
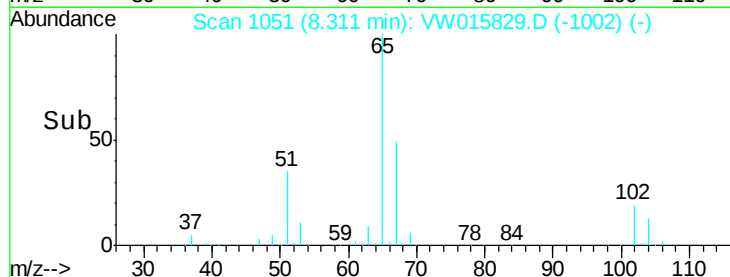
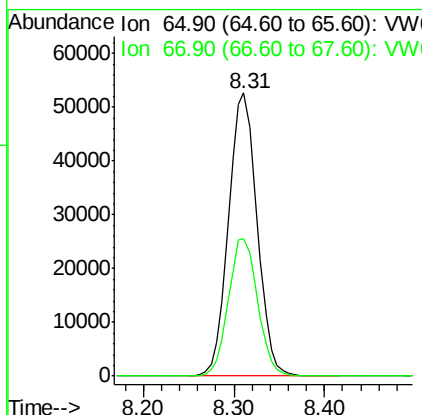
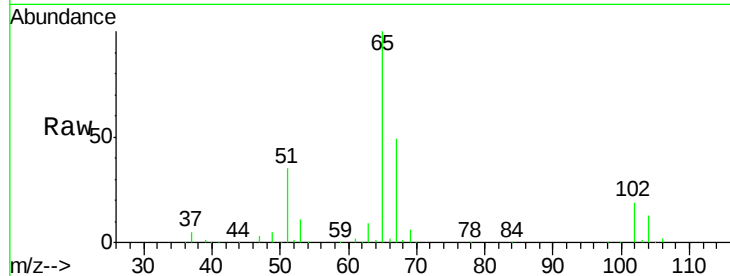




#33
 1,2-Dichloroethane-d4
 Concen: 72.331 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015829.D
 Acq: 09 Jul 2020 15:27

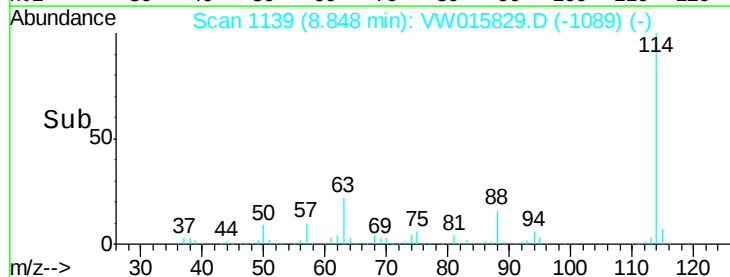
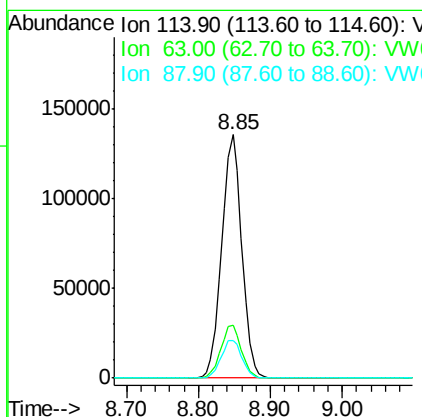
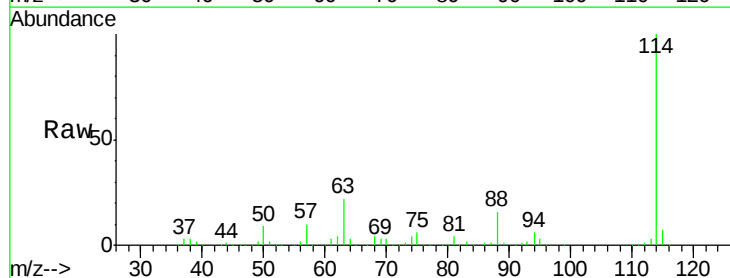
Instrument :
 MSVOA_W
 ClientSampled :
 RO-24RE

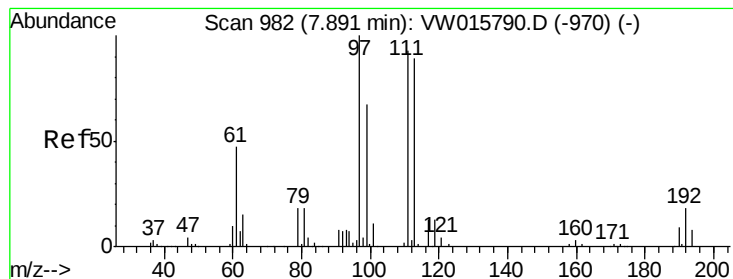
Tot Ion: 65 Resp: 115275
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015829.D
 Acq: 09 Jul 2020 15:27

Tgt Ion: 114 Resp: 262098
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.4
 88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 64.908 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015829.D

Acq: 09 Jul 2020 15:27

Instrument :

MSVOA_W

ClientSampled :

RO-24RE

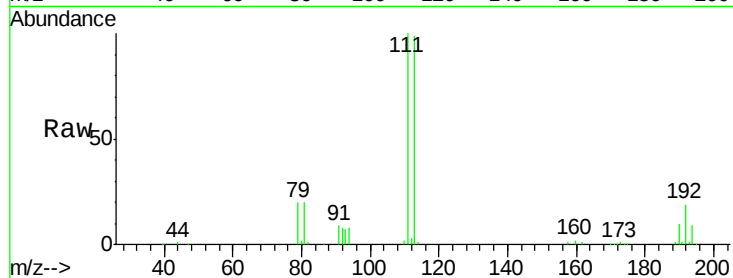
Tot Ion:113 Resp: 99253

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

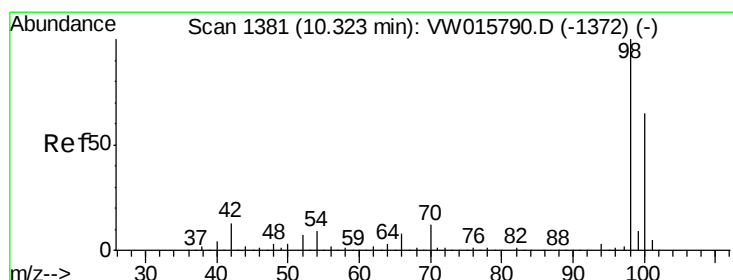
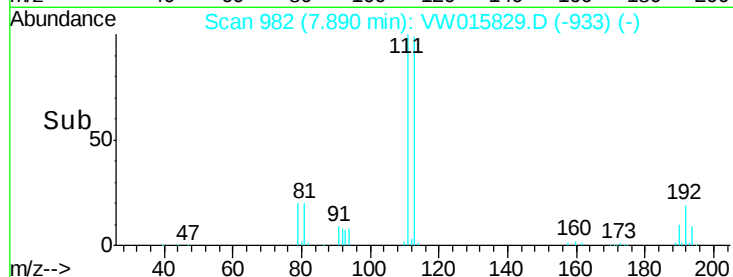
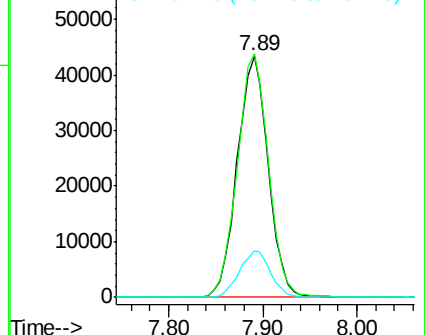
192 19.4 15.4 23.2



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: 64.258 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW015829.D

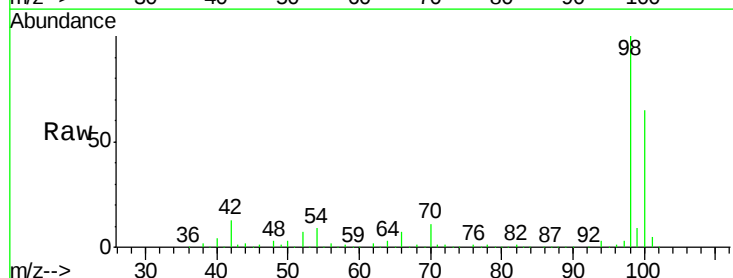
Acq: 09 Jul 2020 15:27

Tgt Ion: 98 Resp: 377427

Ion Ratio Lower Upper

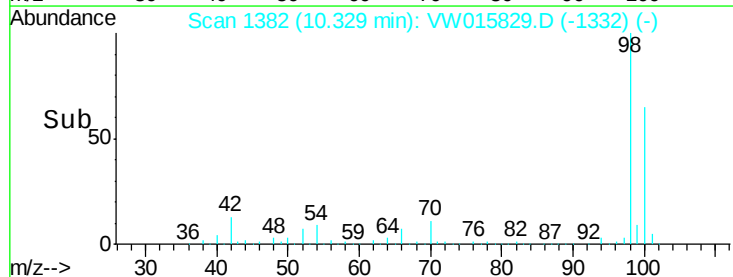
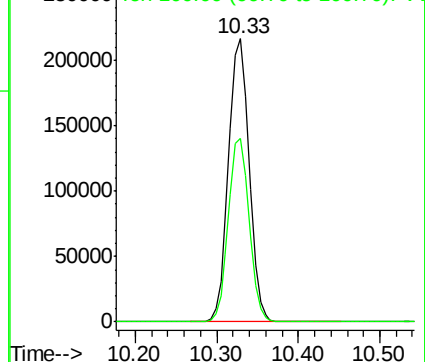
98 100

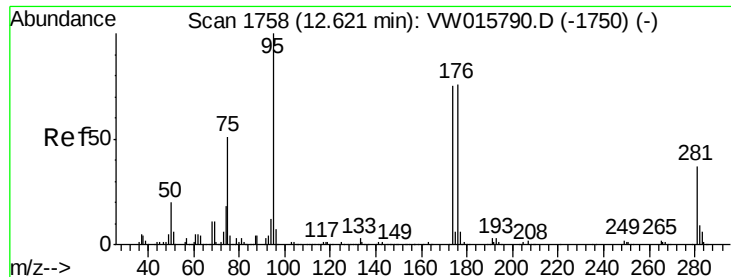
100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

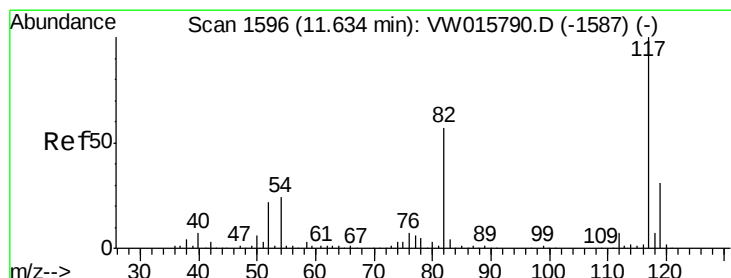
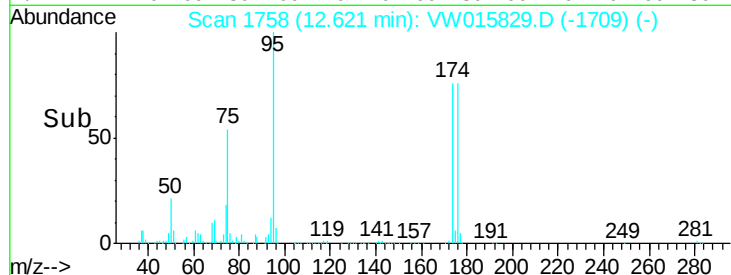
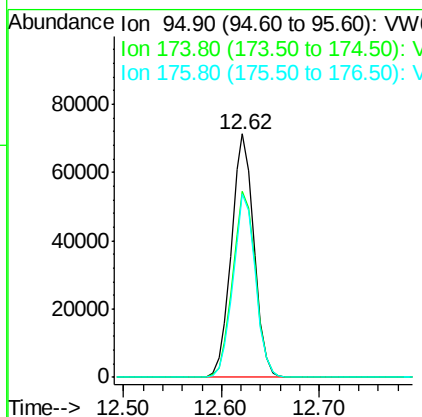
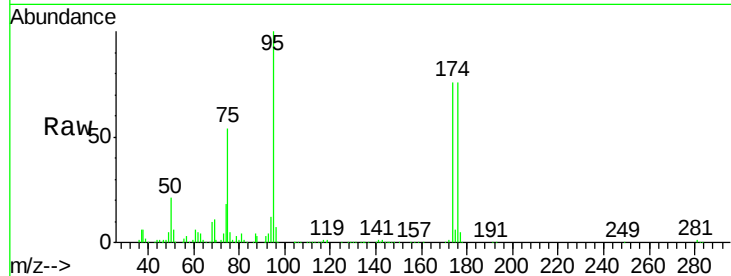




#62
4-Bromofluorobenzene
Concen: 52.890 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015829.D
Acq: 09 Jul 2020 15:27

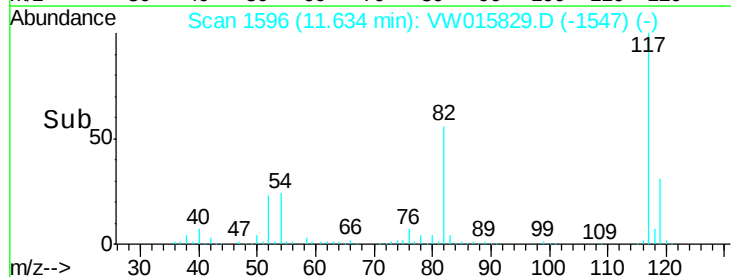
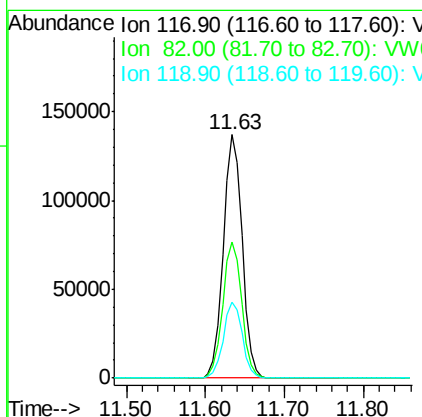
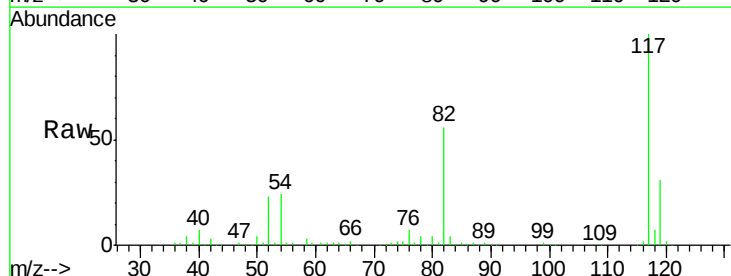
Instrument :
MSVOA_W
ClientSampleId :
RO-24RE

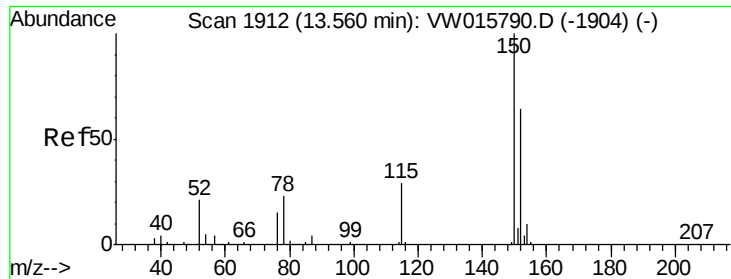
Tot Ion: 95 Resp: 113993
Ion Ratio Lower Upper
95 100
174 77.4 0.0 150.2
176 74.3 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015829.D
Acq: 09 Jul 2020 15:27

Tgt Ion: 117 Resp: 227666
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 31.1 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: VW015829.D

Acq: 09 Jul 2020 15:27

Instrument :

MSVOA_W

ClientSampleId :

RO-24RE

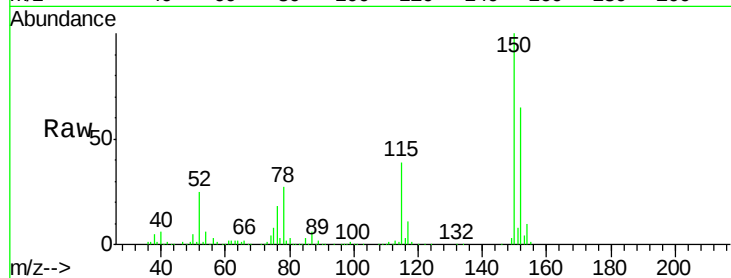
Tot Ion:152 Resp: 93018

Ion Ratio Lower Upper

152 100

115 58.6 29.9 89.7

150 153.8 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

