

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015722.D
 Acq On : 25 Jun 2020 12:19
 Operator : SY/VA
 Sample : L2815-11
 Misc : 7.31G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-062420

Quant Time: Jun 26 02:34:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

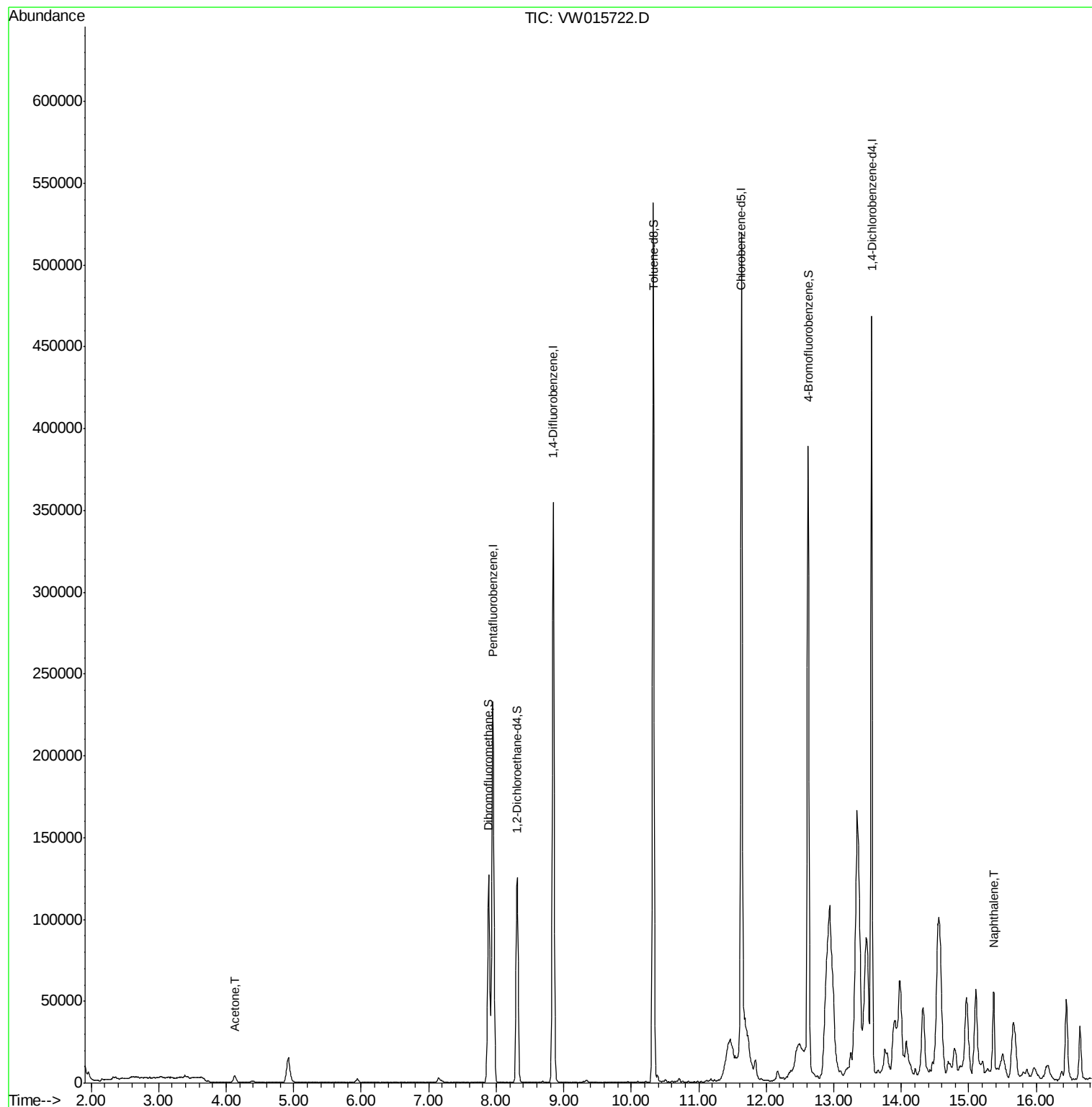
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	170179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	101112	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
35) Dibromofluoromethane	7.89	113	89106	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	10.33	98	355449	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.62	95	123944	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
16) Acetone	4.13	43	7445	20.683	ug/l	94
95) Naphthalene	15.37	128	39688	10.690	ug/l	98

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

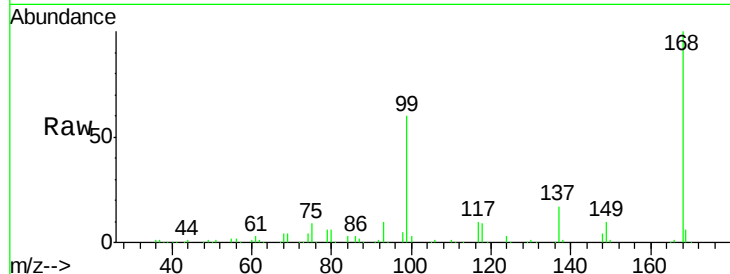
OR-02-062420

Tot Ion:168 Resp: 170179

Ion Ratio Lower Upper

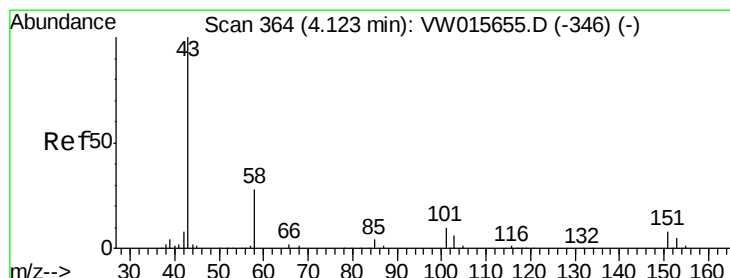
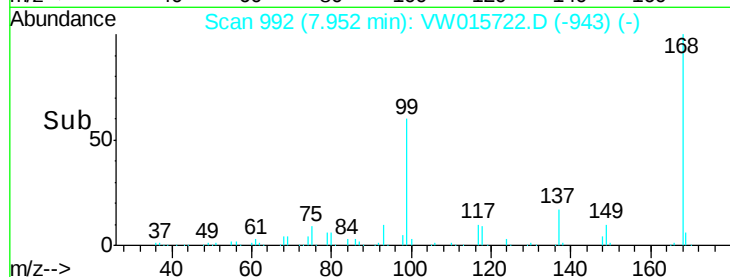
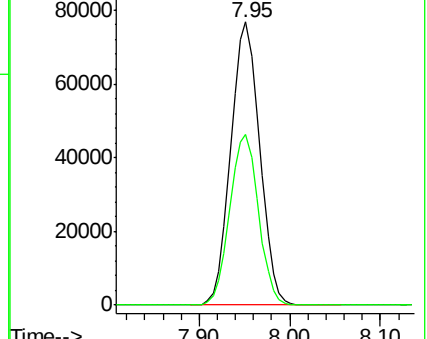
168 100

99 60.4 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 20.683 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015722.D

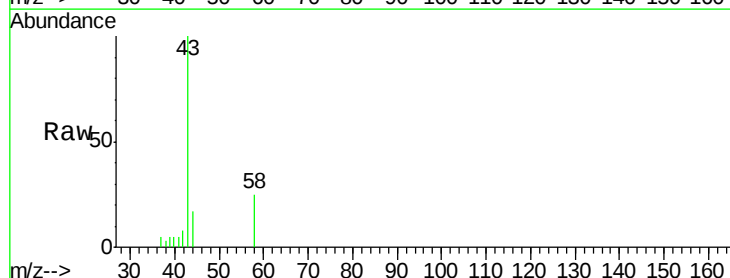
Acq: 25 Jun 2020 12:19

Tgt Ion: 43 Resp: 7445

Ion Ratio Lower Upper

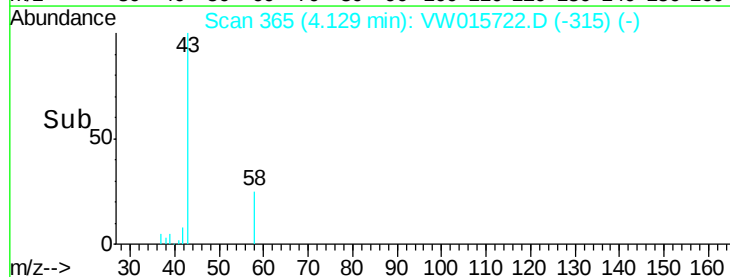
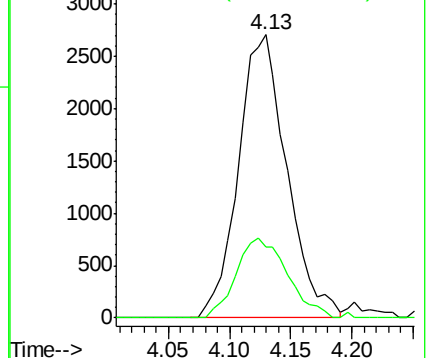
43 100

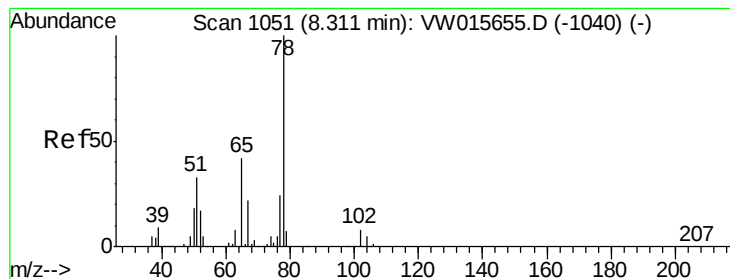
58 25.0 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 53.400 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015722.D

Acq: 25 Jun 2020 12:19

Instrument :

MSVOA_W

ClientSampleId :

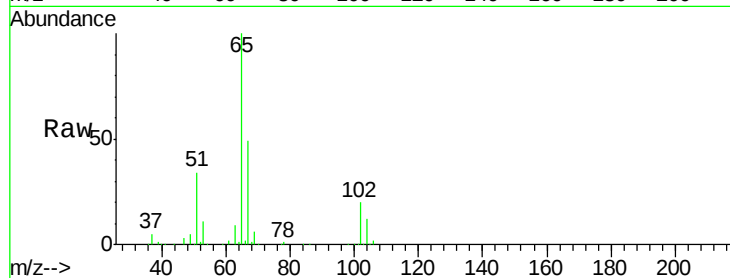
OR-02-062420

Tot Ion: 65 Resp: 101112

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

30000

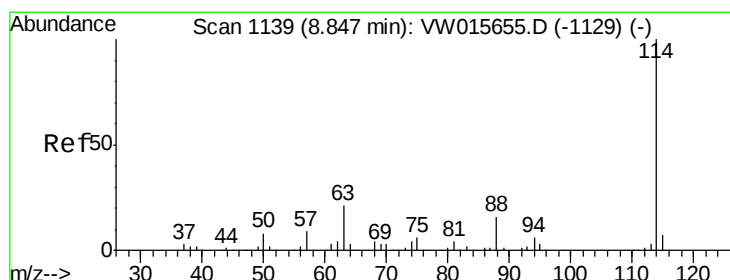
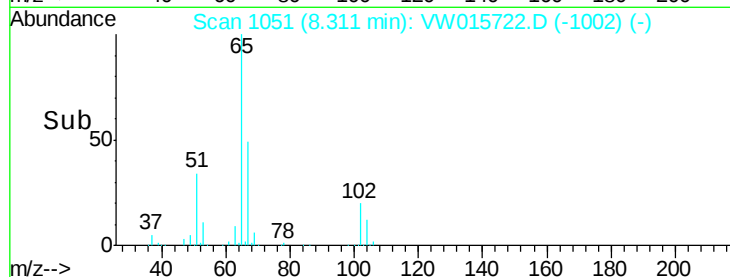
20000

10000

0

8.20 8.30 8.40 8.50

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015722.D

Acq: 25 Jun 2020 12:19

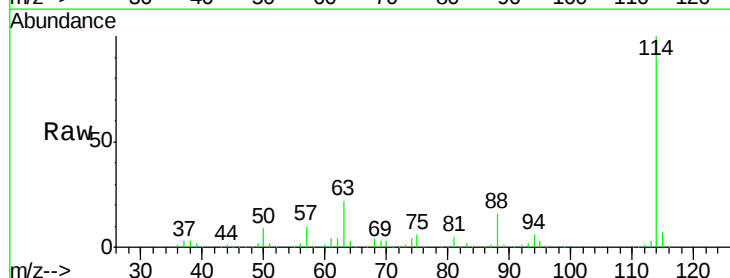
Tgt Ion: 114 Resp: 291285

Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.4

88 16.3 0.0 32.6



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

8.84

200000

150000

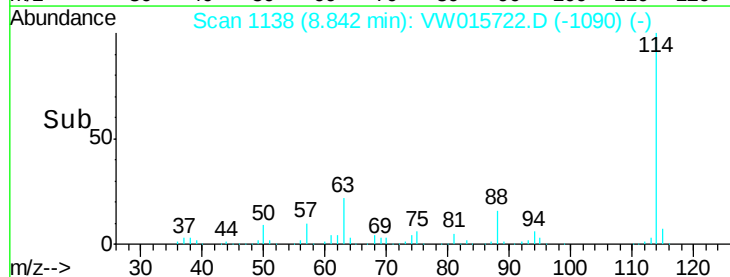
100000

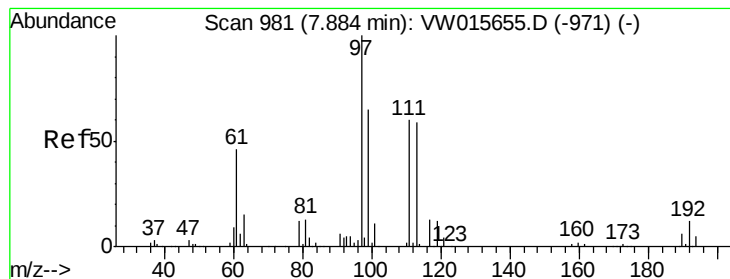
50000

0

8.70 8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 48.632 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015722.D

Acq: 25 Jun 2020 12:19

Instrument :

MSVOA_W

ClientSampleId :

OR-02-062420

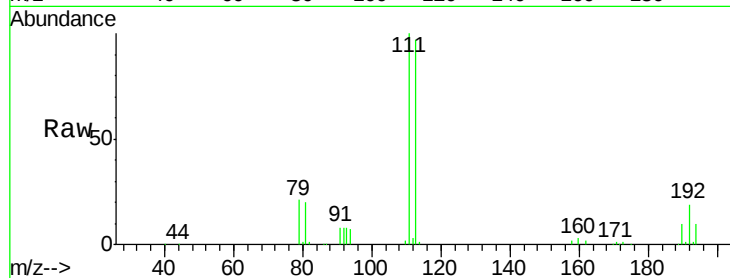
Tot Ion:113 Resp: 89106

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

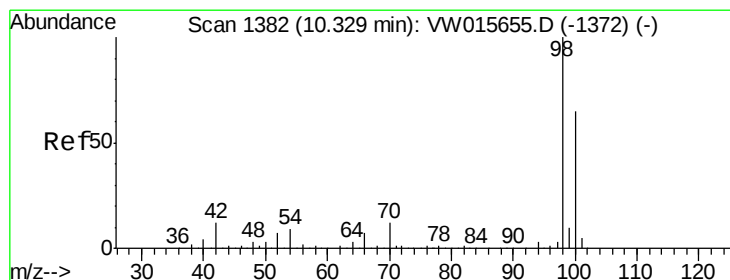
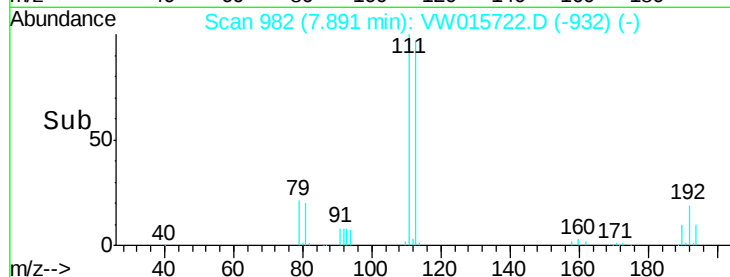
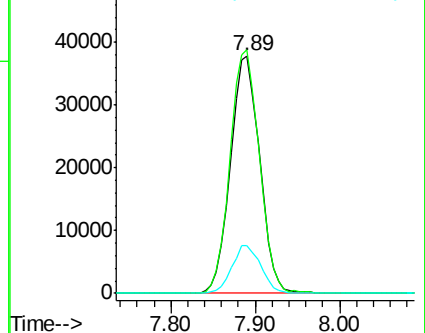
192 19.9 16.4 24.6



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: 49.295 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015722.D

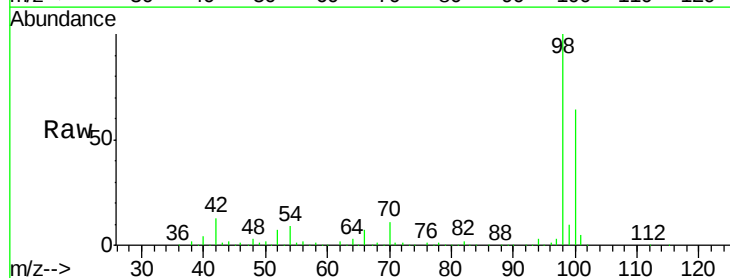
Acq: 25 Jun 2020 12:19

Tgt Ion: 98 Resp: 355449

Ion Ratio Lower Upper

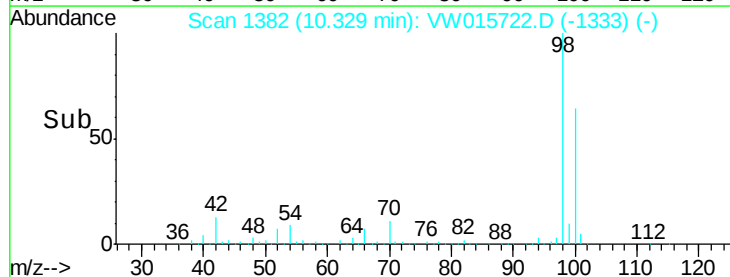
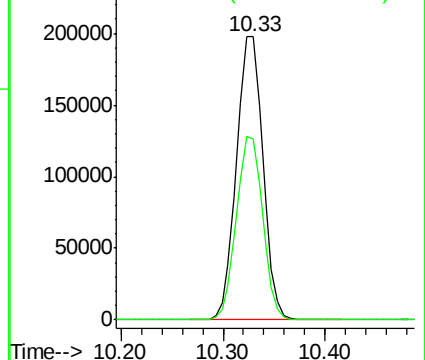
98 100

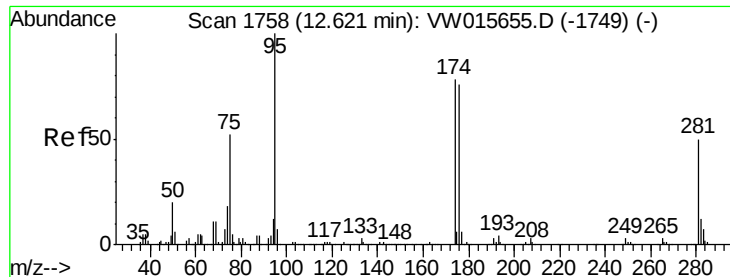
100 64.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

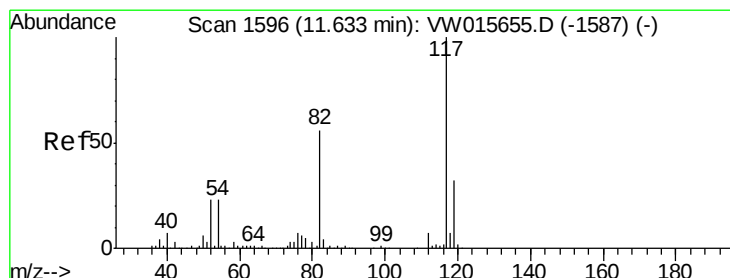
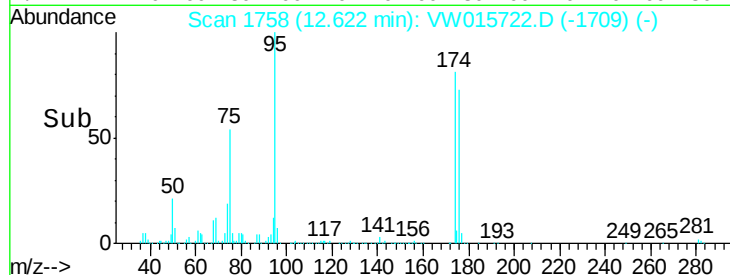
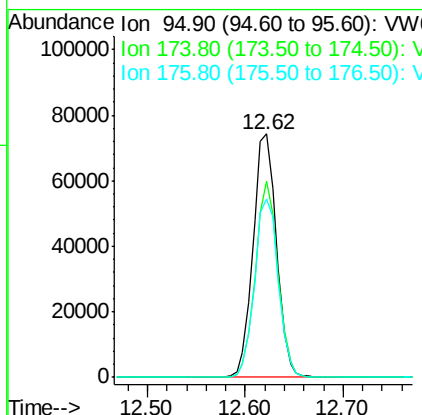
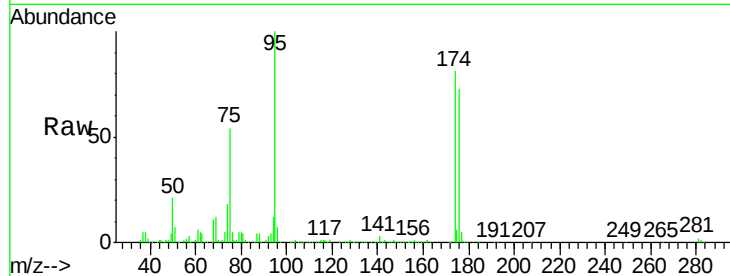




#62
4-Bromofluorobenzene
Concen: 46.674 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015722.D
Acq: 25 Jun 2020 12:19

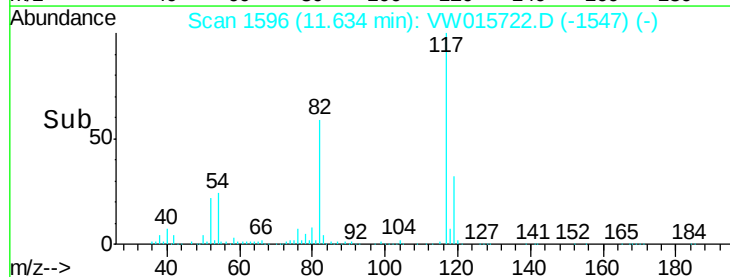
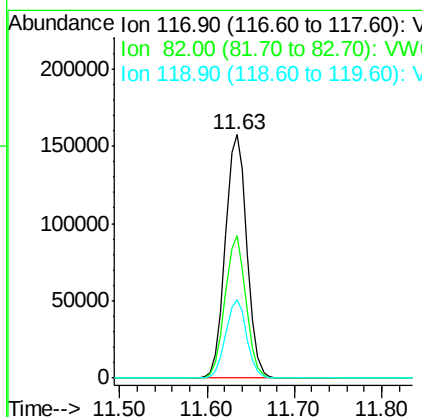
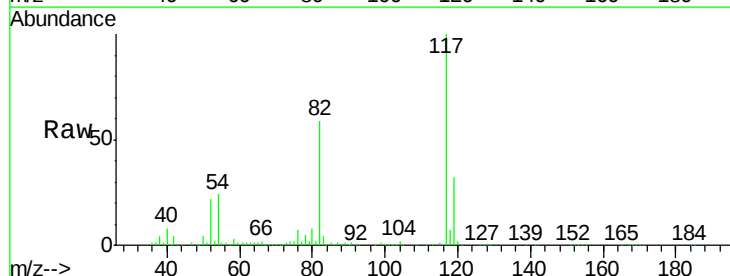
Instrument :
MSVOA_W
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OR-02-062420

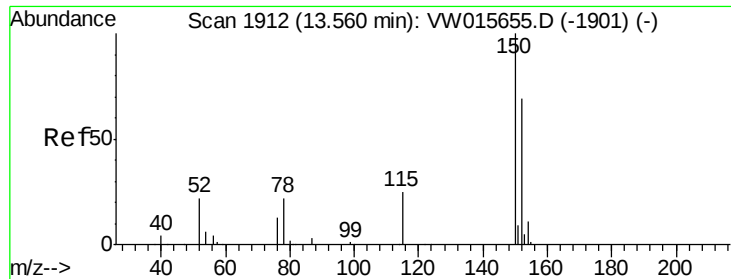
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	157.0
176	73.8	0.0	151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015722.D
Acq: 25 Jun 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.1	67.7
119	32.3	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015722.D

Acq: 25 Jun 2020 12:19

Instrument :

MSVOA_W

ClientSampleId :

OR-02-062420

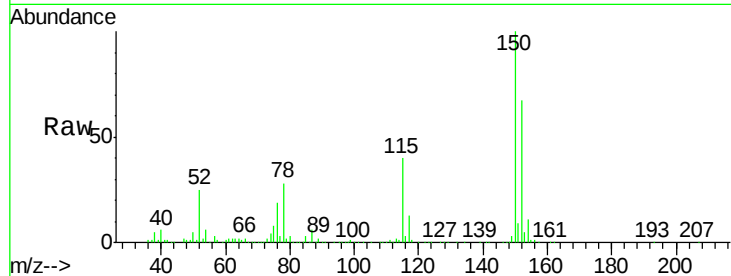
Tot Ion:152 Resp: 116422

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

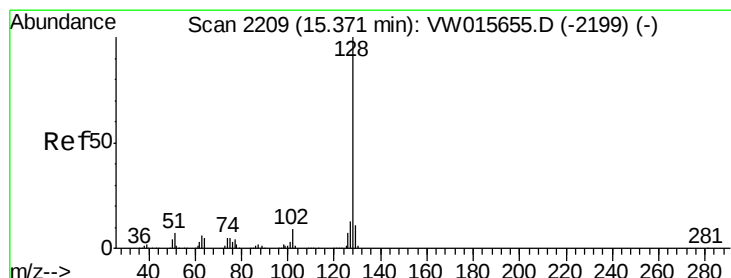
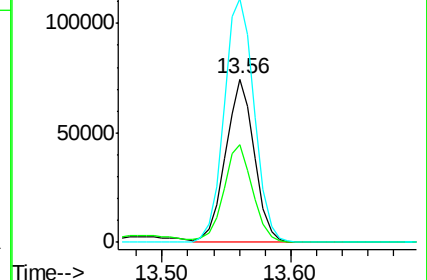
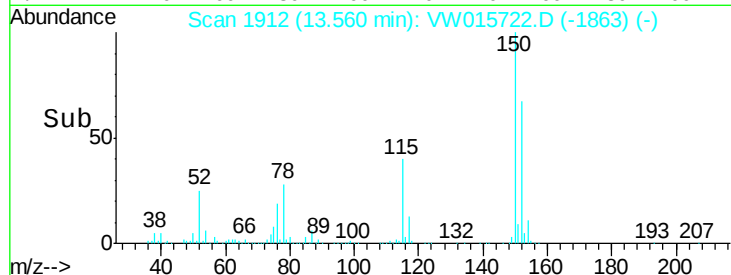
150 156.8 0.0 345.6



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



#95

Naphthalene

Concen: 10.690 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW015722.D

Acq: 25 Jun 2020 12:19

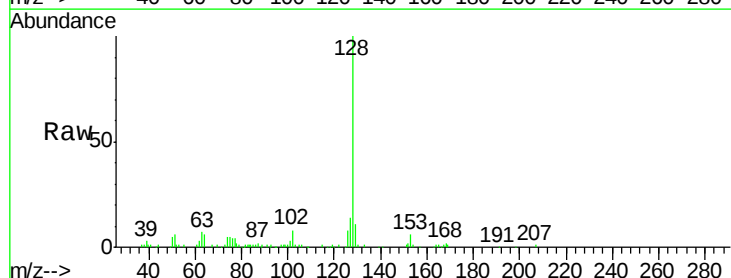
Tgt Ion:128 Resp: 39688

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

129 11.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

