

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015705.D
 Acq On : 25 Jun 2020 01:56
 Operator : SY/VA
 Sample : L3101-04
 Misc : 6.11G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Jun 25 04:09:11 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	152101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	264024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	218965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78795	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	100246	59.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.48%	
35) Dibromofluoromethane	7.88	113	85485	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	10.32	98	316875	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.62	95	89081	37.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.02%	

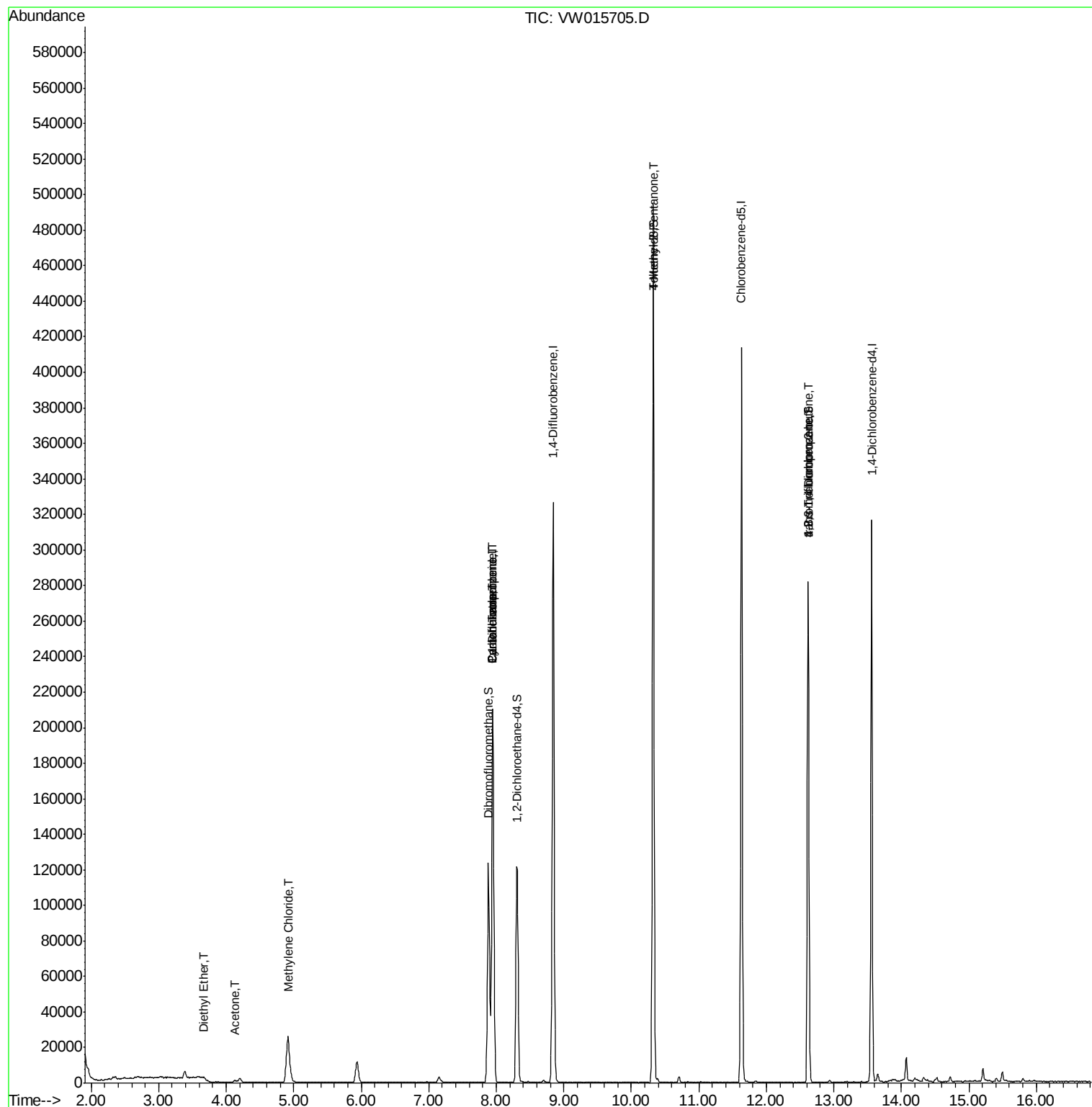
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	968	1.297	ug/l	69
16) Acetone	4.13	43	2397	7.451	ug/l #	83
18) Methyl Acetate	4.68	43	226	Below Cal	#	52
20) Methylene Chloride	4.92	84	20834	9.612	ug/l	98
31) Cyclohexane	7.95	56	3996	1.371	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	12811	4.665	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15893	5.970	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1737	1.721	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	48366	67.294	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	48366	169.582	ug/l #	8

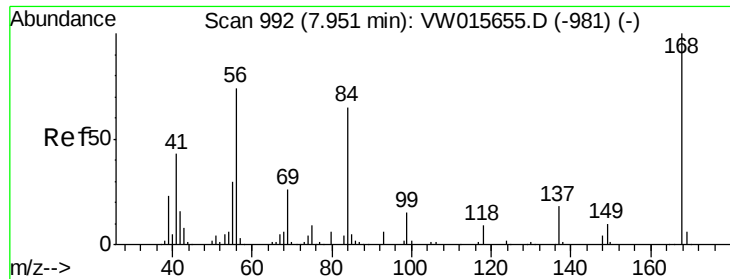
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
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Instrument :
MSVOA_W
ClientSampled :
BFB

Quant Time: Jun 25 04:09:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015705.D

Acq: 25 Jun 2020 01:56

Instrument :

MSVOA_W

ClientSampled :

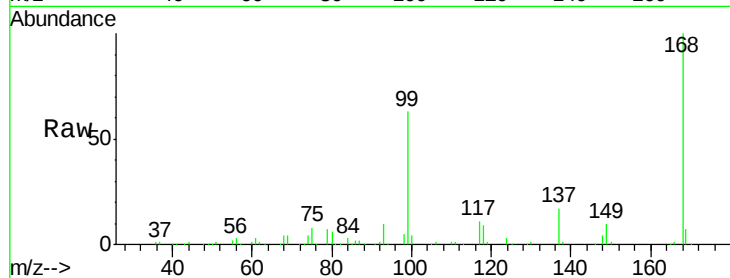
BFB

Tgt Ion: 168 Resp: 152101

Ion Ratio Lower Upper

168 100

99 62.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

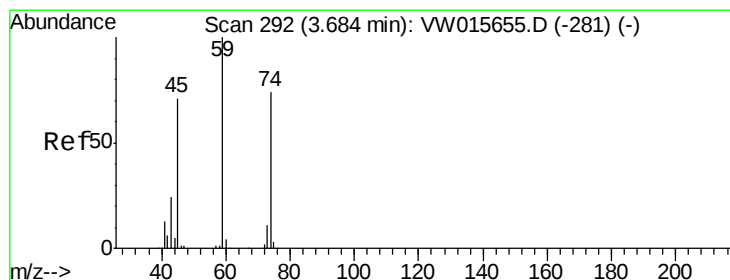
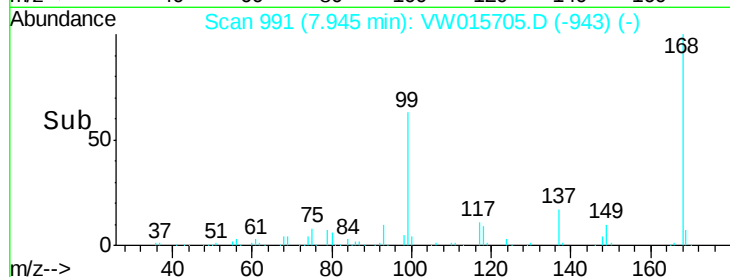
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.297 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW015705.D

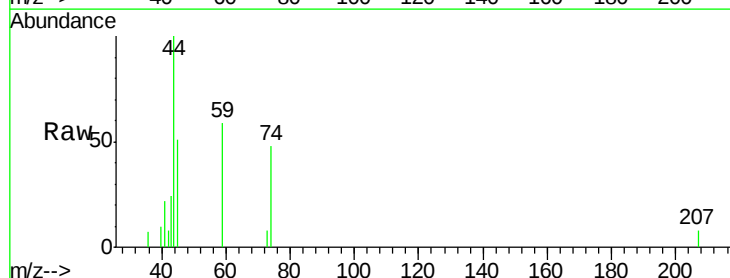
Acq: 25 Jun 2020 01:56

Tgt Ion: 74 Resp: 968

Ion Ratio Lower Upper

74 100

45 126.3 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

500

400

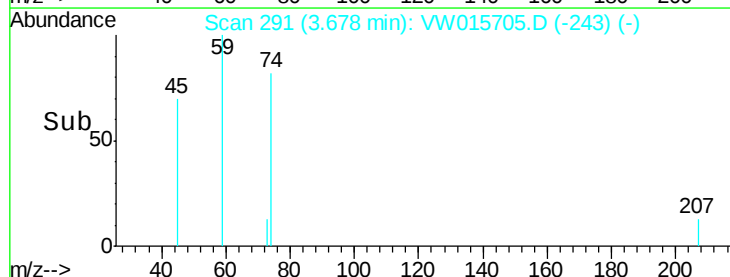
300

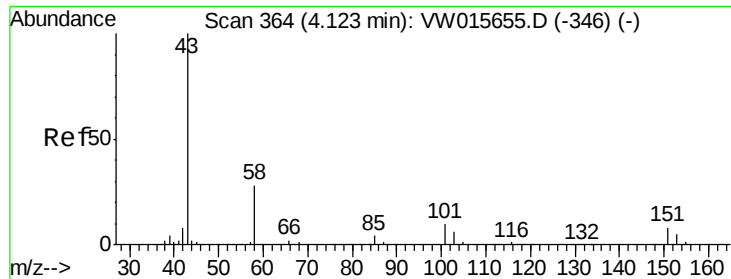
200

100

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 7.451 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015705.D

Acq: 25 Jun 2020 01:56

Instrument :

MSVOA_W

ClientSampled :

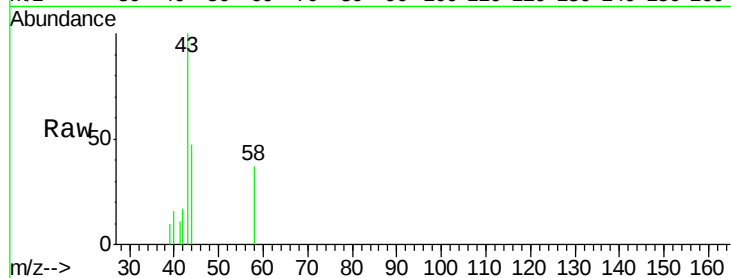
BFB

Tgt Ion: 43 Resp: 2397

Ion Ratio Lower Upper

43 100

58 37.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

600

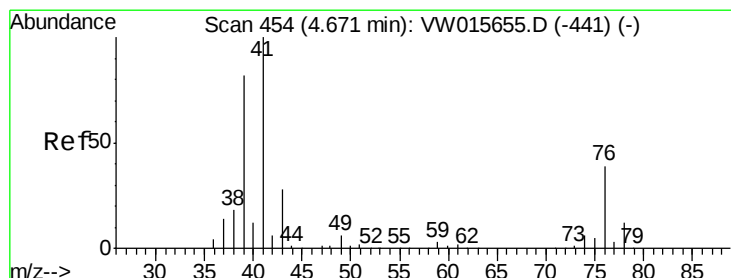
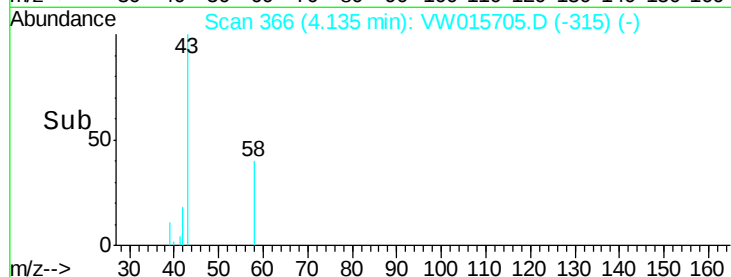
400

200

0

4.05 4.10 4.15 4.20 4.25

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015705.D

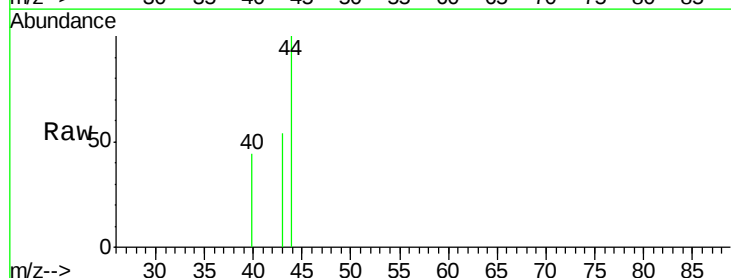
Acq: 25 Jun 2020 01:56

Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

150

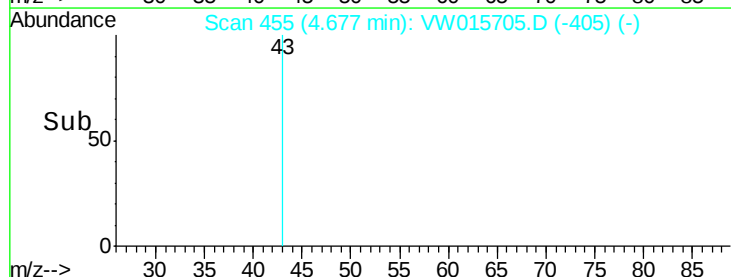
100

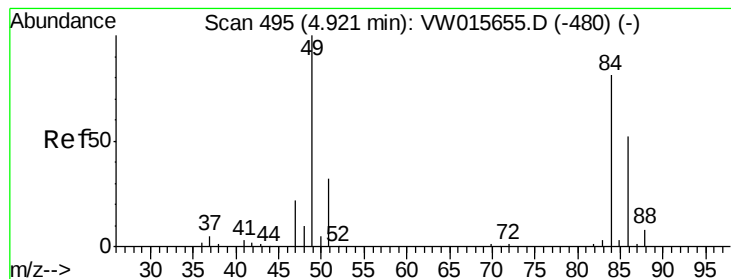
50

0

4.65 4.70

Time-->





#20

Methylene Chloride

Concen: 9.612 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW015705.D

Acq: 25 Jun 2020 01:56

Instrument :

MSVOA_W

ClientSampleId :

BFB

Tgt Ion: 84 Resp: 20834

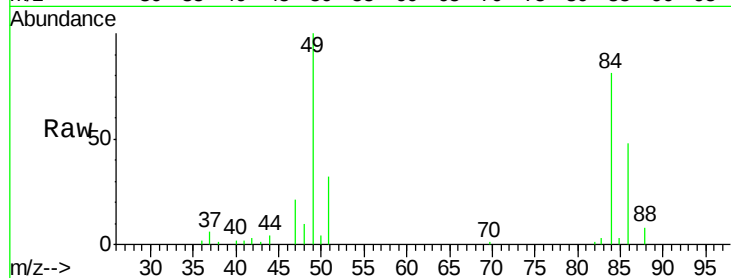
Ion Ratio Lower Upper

84 100

49 123.5 99.3 148.9

51 39.1 31.8 47.6

86 59.2 51.7 77.5

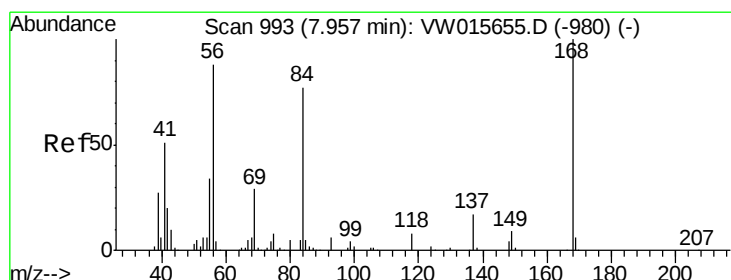
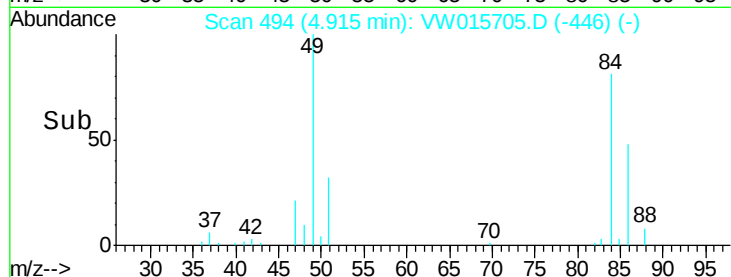
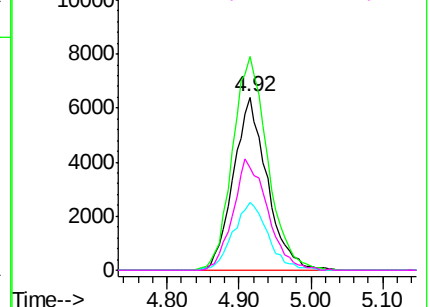


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.371 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015705.D

Acq: 25 Jun 2020 01:56

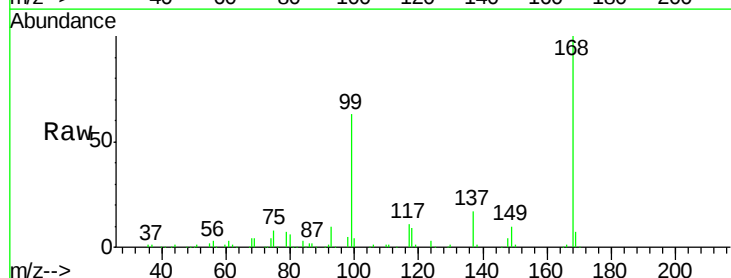
Tgt Ion: 56 Resp: 3996

Ion Ratio Lower Upper

56 100

69 152.1 26.2 39.4#

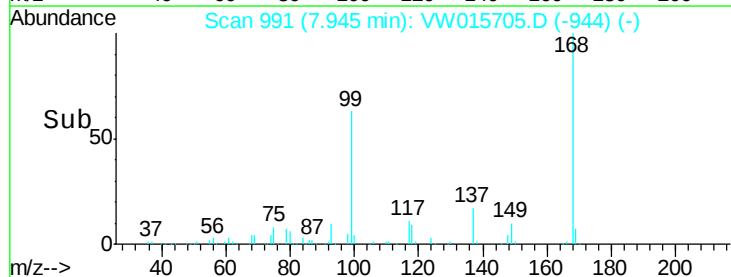
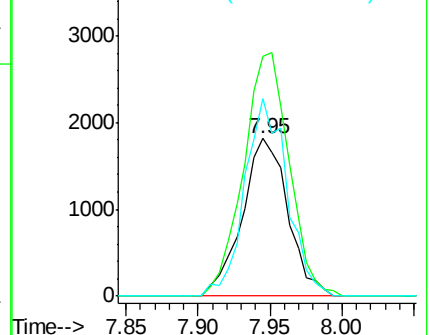
84 125.5 70.4 105.6#

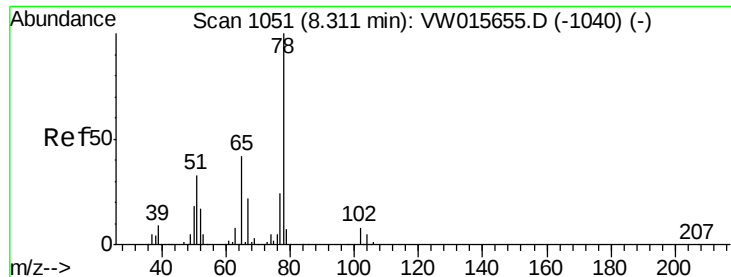


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

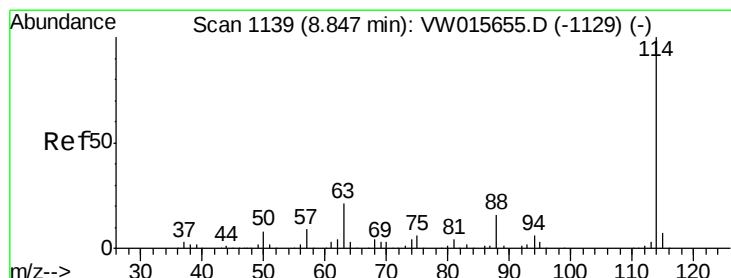
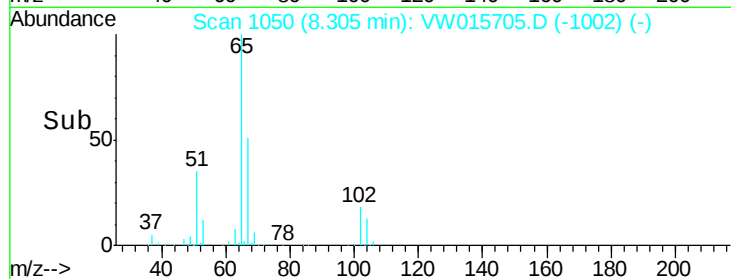
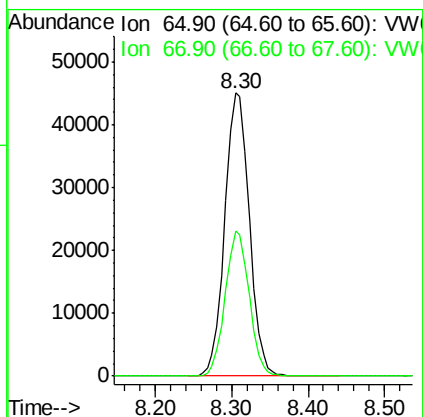
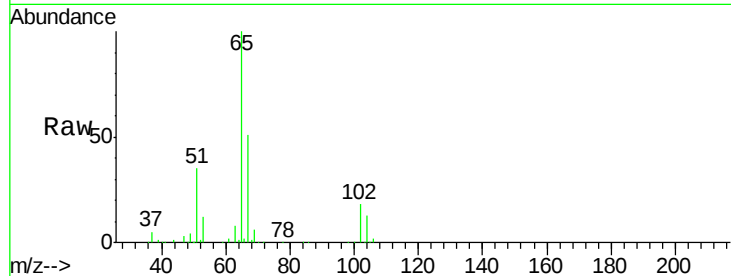




#33
 1,2-Dichloroethane-d4
 Concen: 59.235 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015705.D
 Acq: 25 Jun 2020 01:56

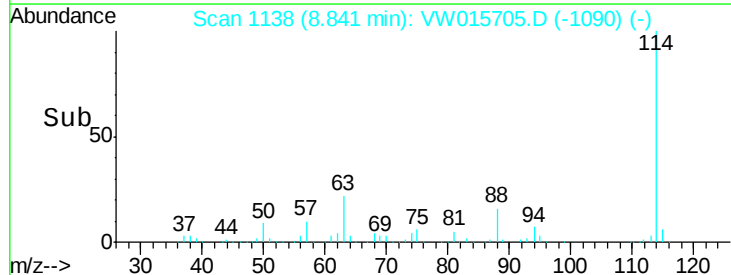
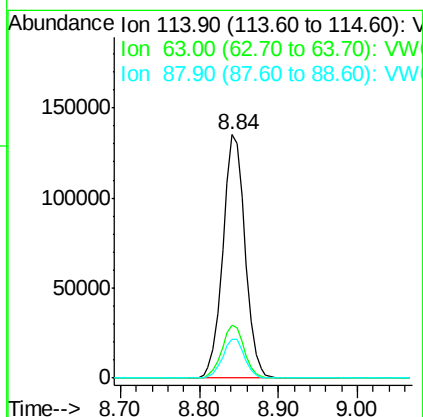
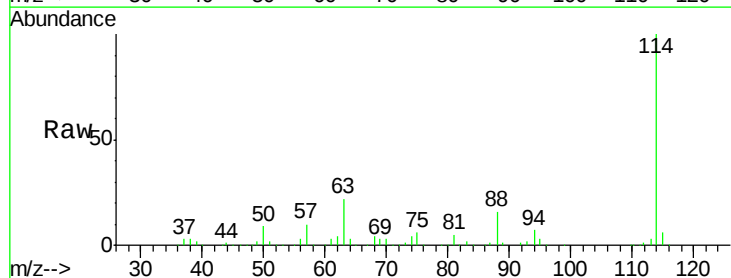
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

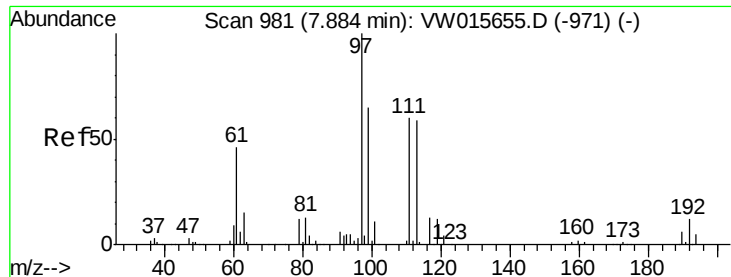
Tgt Ion: 65 Resp: 100246
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015705.D
 Acq: 25 Jun 2020 01:56

Tgt Ion: 114 Resp: 264024
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.4
 88 15.9 0.0 32.6

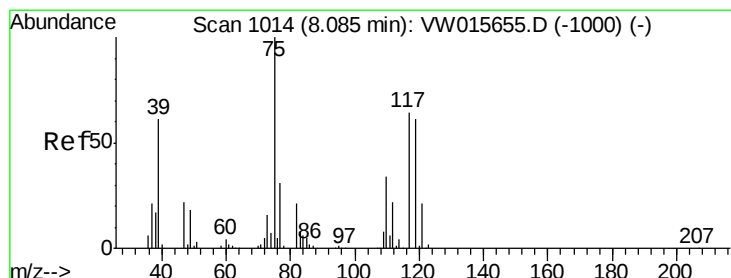
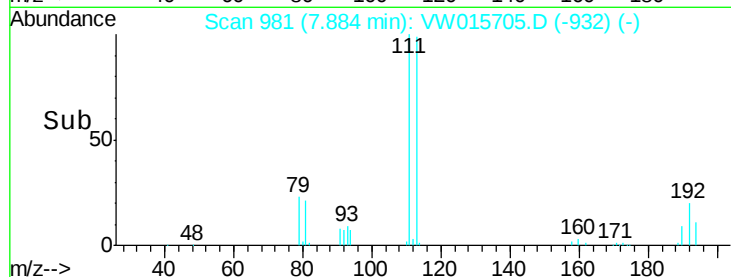
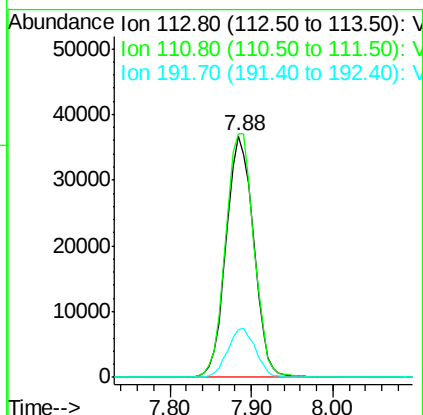
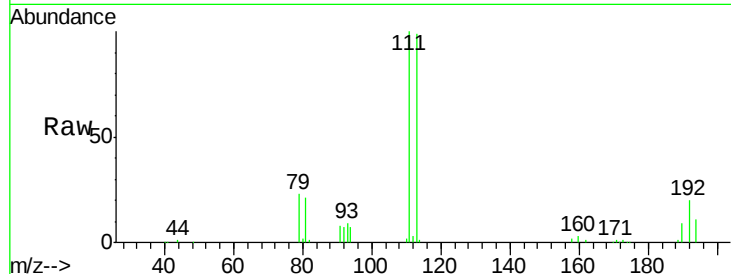




#35
 Dibromofluoromethane
 Concen: 51.473 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015705.D
 Acq: 25 Jun 2020 01:56

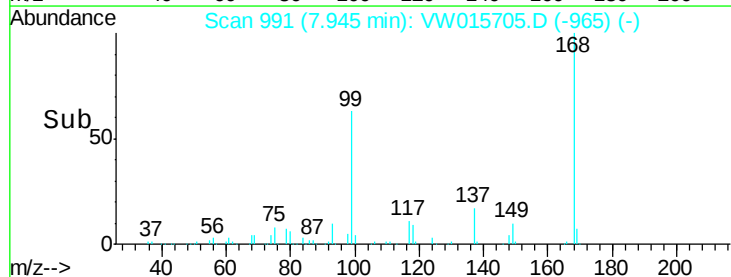
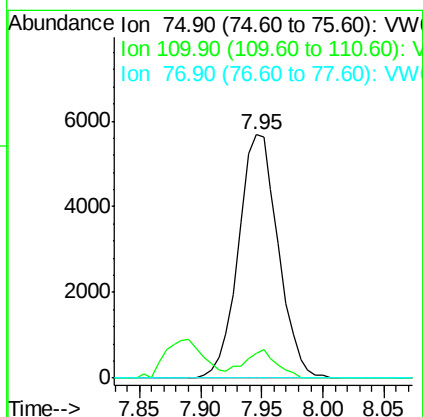
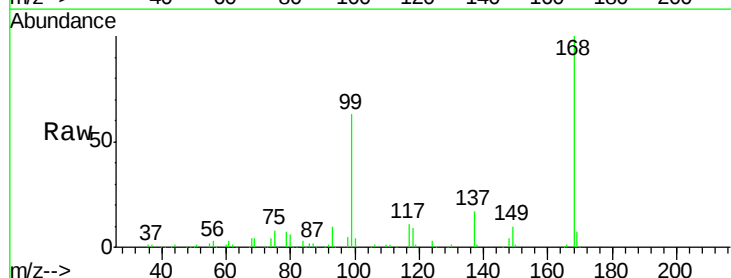
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

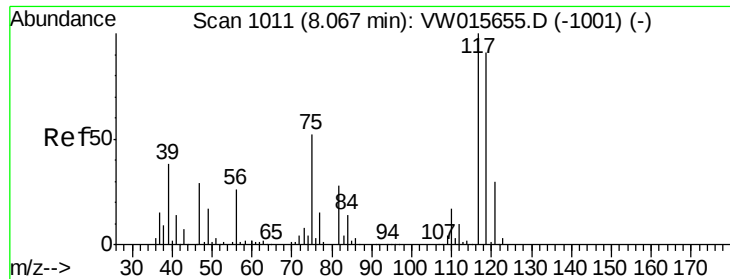
Tgt Ion:113 Resp: 85485
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.3 123.5
 192 20.3 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.665 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015705.D
 Acq: 25 Jun 2020 01:56

Tgt Ion: 75 Resp: 12811
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.0 51.0#
 77 0.0 24.6 36.8#

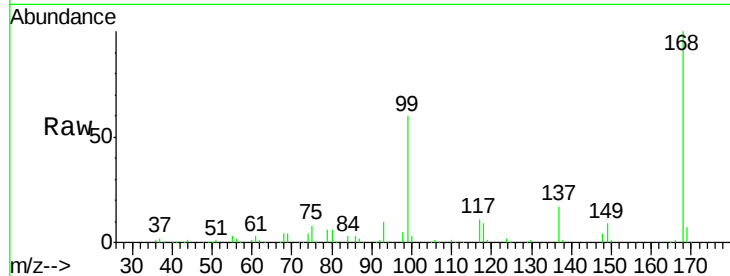




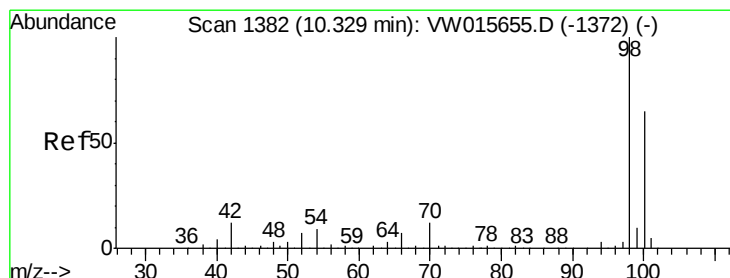
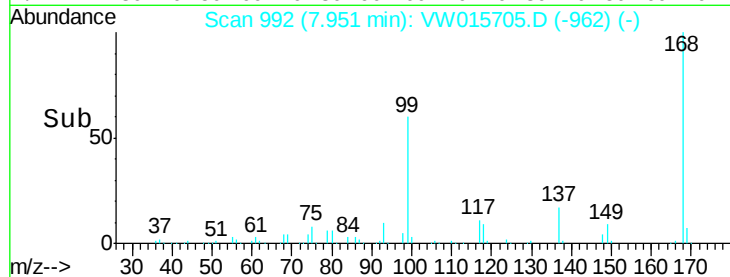
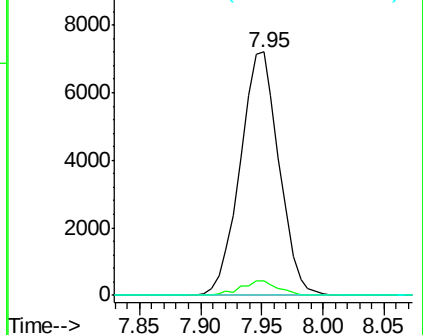
#38
Carbon Tetrachloride
Concen: 5.970 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015705.D
Acq: 25 Jun 2020 01:56

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion: 117 Resp: 15893
Ion Ratio Lower Upper
117 100
119 5.8 73.2 109.8#
121 0.0 23.9 35.9#

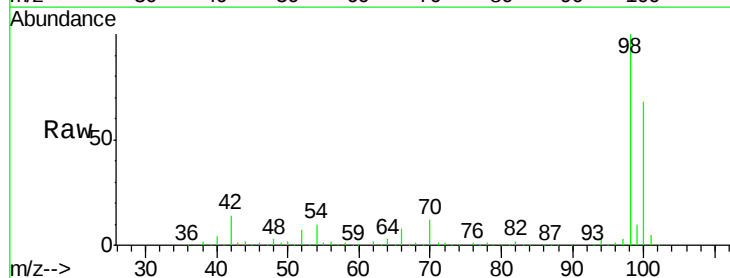


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

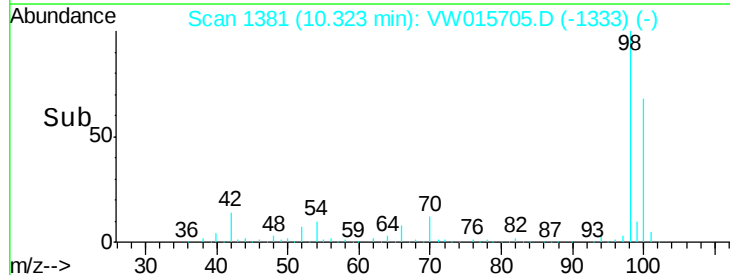
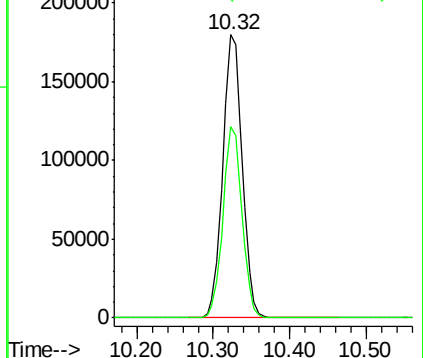


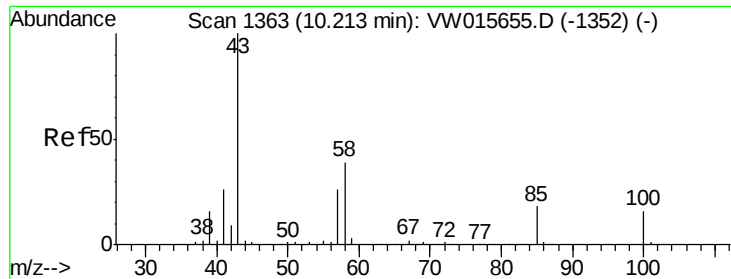
#50
Toluene-d8
Concen: 48.483 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015705.D
Acq: 25 Jun 2020 01:56

Tgt Ion: 98 Resp: 316875
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.721 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015705.D

Acq: 25 Jun 2020 01:56

Instrument :

MSVOA_W

ClientSampled :

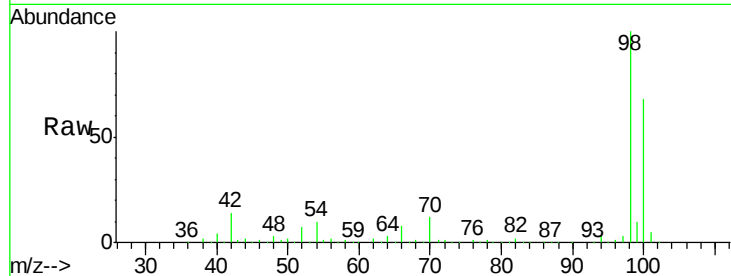
BFB

Tgt Ion: 43 Resp: 1737

Ion Ratio Lower Upper

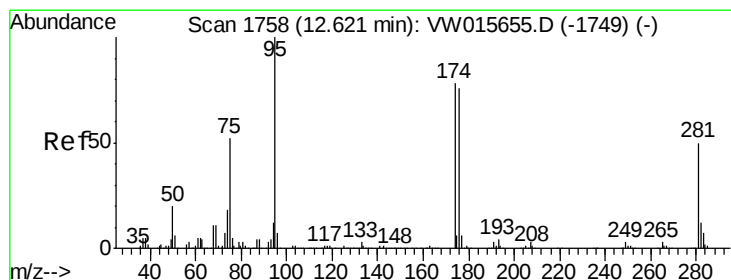
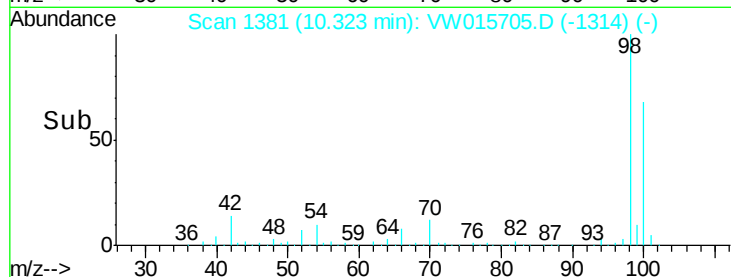
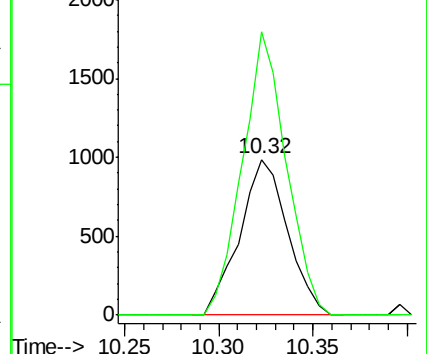
43 100

58 166.2 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 37.009 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015705.D

Acq: 25 Jun 2020 01:56

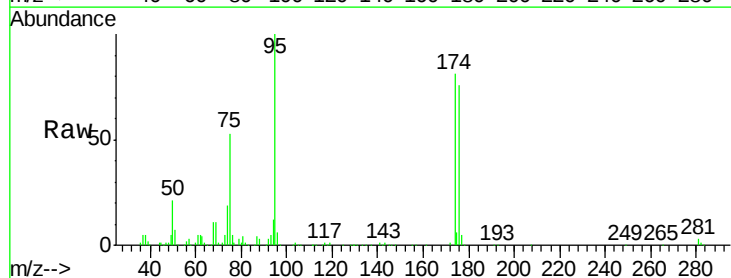
Tgt Ion: 95 Resp: 89081

Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.0

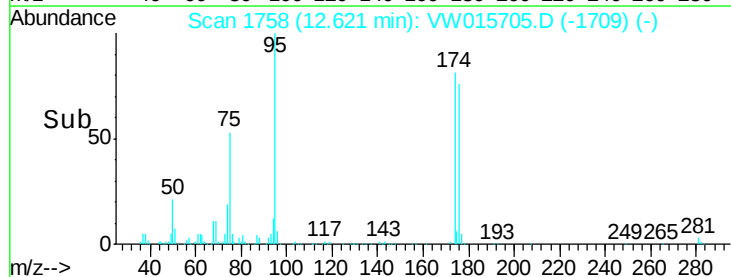
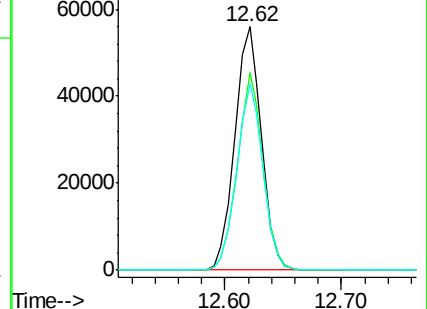
176 75.4 0.0 151.4

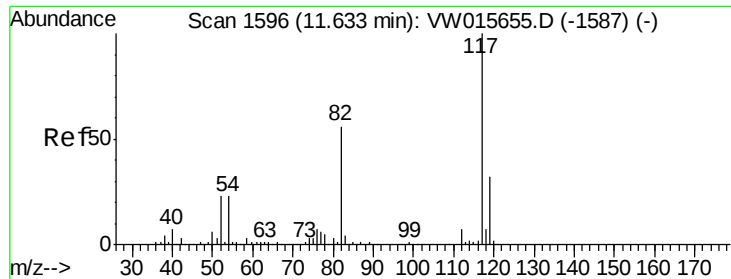


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

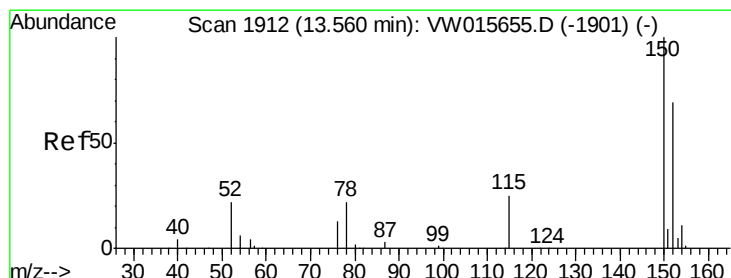
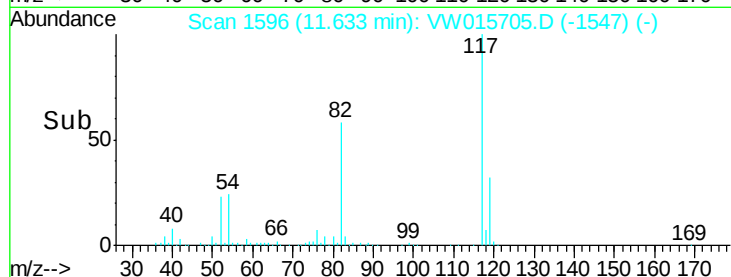
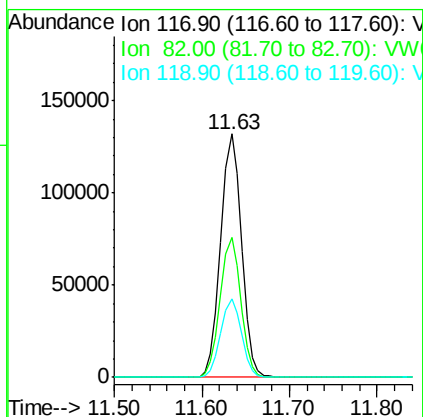
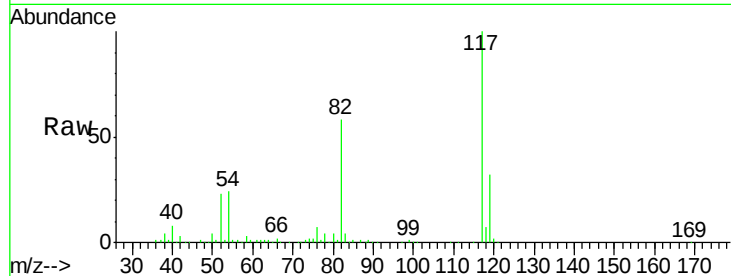




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015705.D
Acq: 25 Jun 2020 01:56

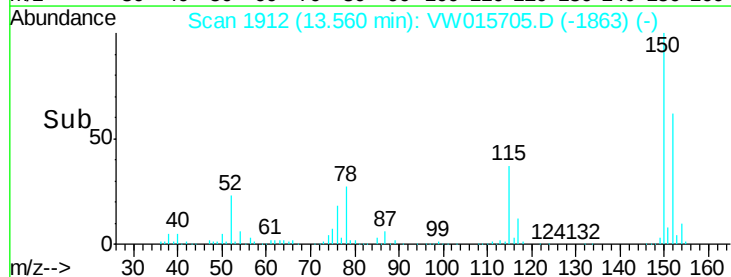
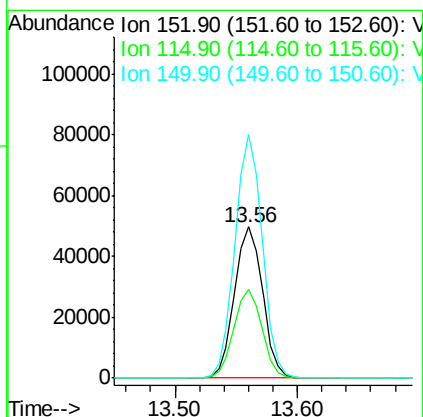
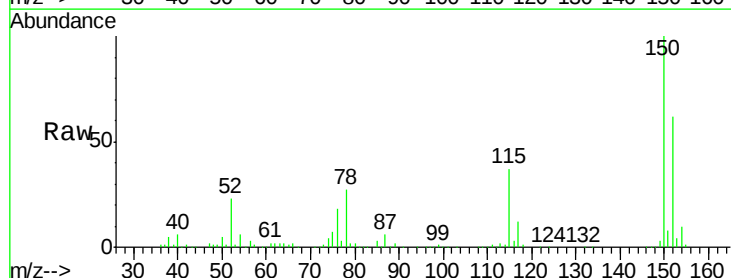
Instrument :
MSVOA_W
ClientSampleId :
BFB

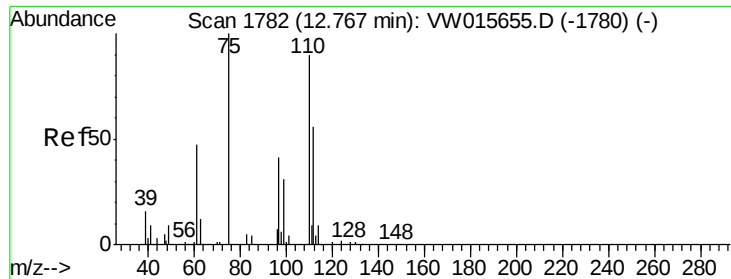
Tgt Ion:117 Resp: 218965
Ion Ratio Lower Upper
117 100
82 57.6 45.1 67.7
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015705.D
Acq: 25 Jun 2020 01:56

Tgt Ion:152 Resp: 78795
Ion Ratio Lower Upper
152 100
115 58.5 30.1 90.5
150 156.9 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 67.294 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015705.D

Acq: 25 Jun 2020 01:56

Instrument :

MSVOA_W

ClientSampleId :

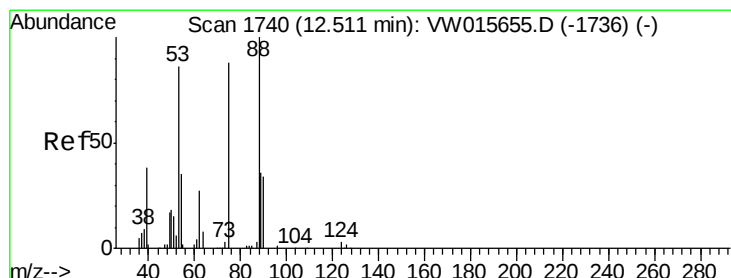
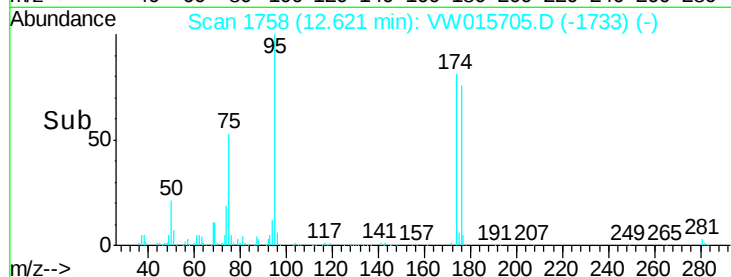
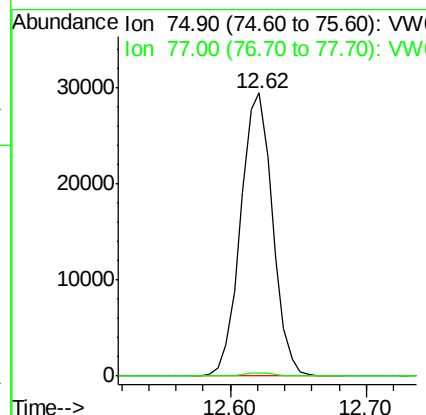
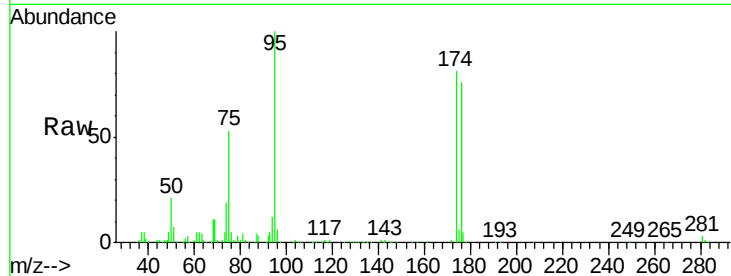
BFB

Tgt Ion: 75 Resp: 48366

Ion Ratio Lower Upper

75 100

77 1.2 179.1 537.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 169.582 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015705.D

Acq: 25 Jun 2020 01:56

Tgt Ion: 75 Resp: 48366

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#

