

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015730.D
 Acq On : 25 Jun 2020 15:49
 Operator : SY/VA
 Sample : L3113-01
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-COMP

Quant Time: Jun 26 01:42:34 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	152146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	253297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	234362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103947	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	95651	56.50	ug/l	0.00
Spiked Amount			Recovery	=	113.00%	
35) Dibromofluoromethane	7.89	113	81089	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
50) Toluene-d8	10.32	98	314753	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	105481	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	

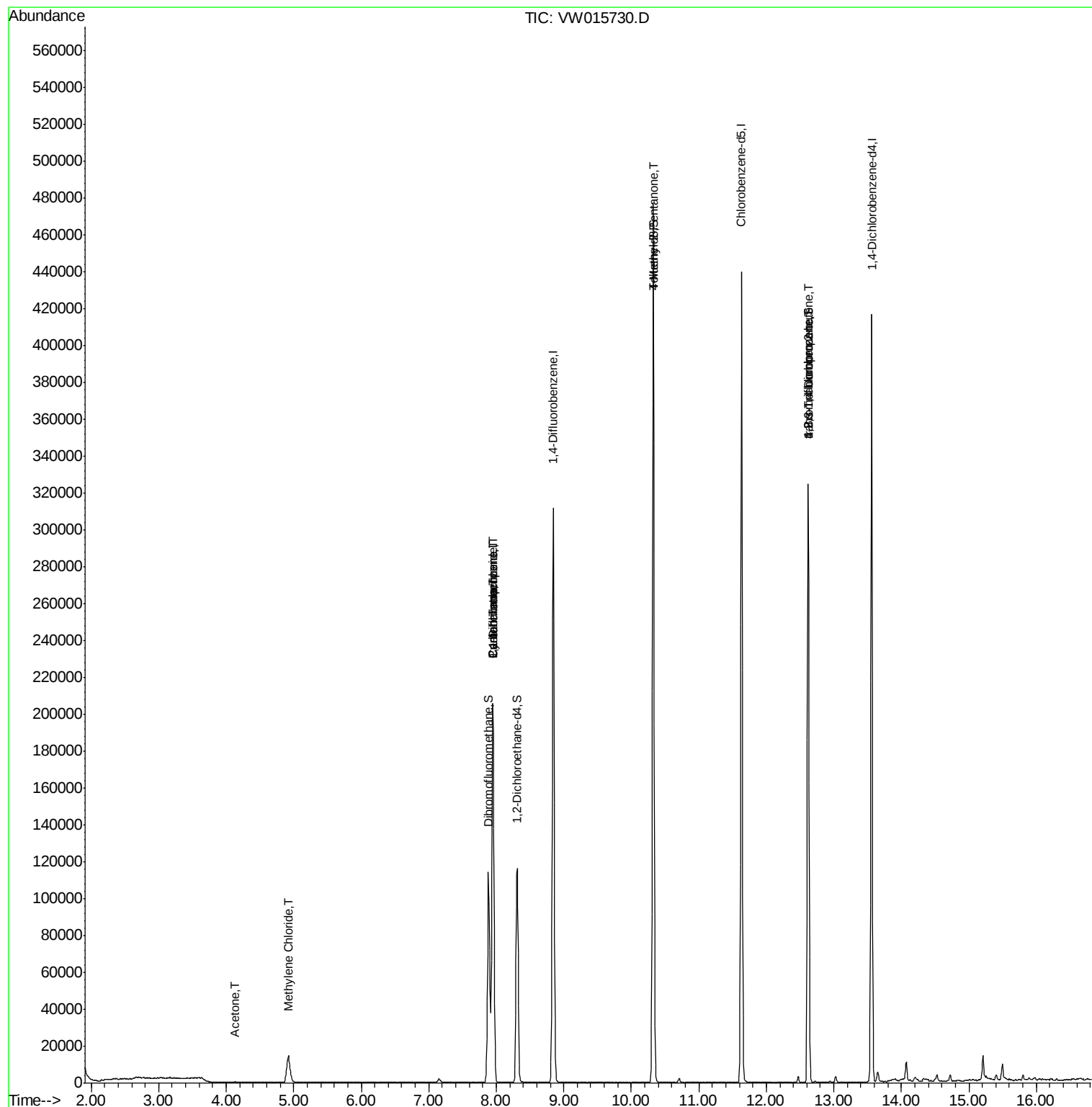
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	805	2.501	ug/l #	82
18) Methyl Acetate	4.68	43	24	Below Cal	#	52
20) Methylene Chloride	4.92	84	12355	3.658	ug/l	97
31) Cyclohexane	7.95	56	3711	1.273	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	12952	4.916	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15552	6.090	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1614	1.667	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	57140	60.265	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	57140	151.868	ug/l #	8

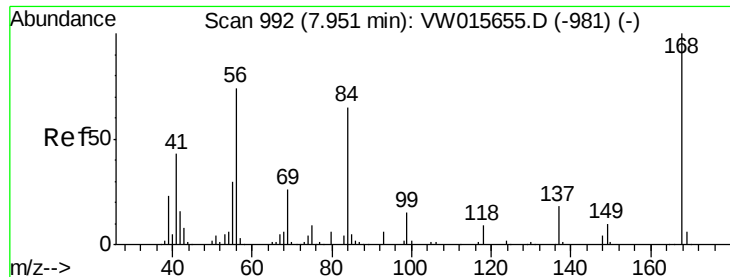
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062520\
Data File : VW015730.D
Acq On : 25 Jun 2020 15:49
Operator : SY/VA
Sample : L3113-01
Misc : 6.44G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP

Quant Time: Jun 26 01:42:34 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# 992

Delta R.T. 0.00 min

Lab File: VW015730.D

Acq: 25 Jun 2020 15:49

Instrument :

MSVOA_W

ClientSampleId :

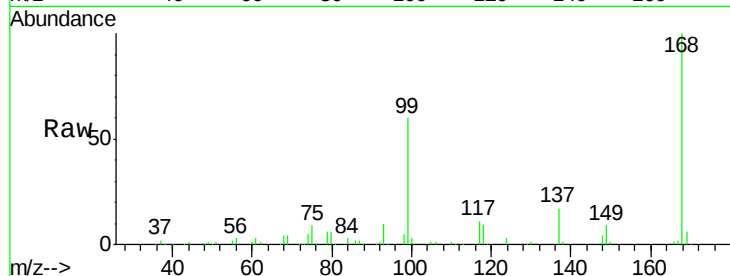
DRUM-COMP

Tot Ion:168 Resp: 152146

Ion Ratio Lower Upper

168 100

99 60.2 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): VW015655.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW015655.D (-981) (-)

7.95

60000

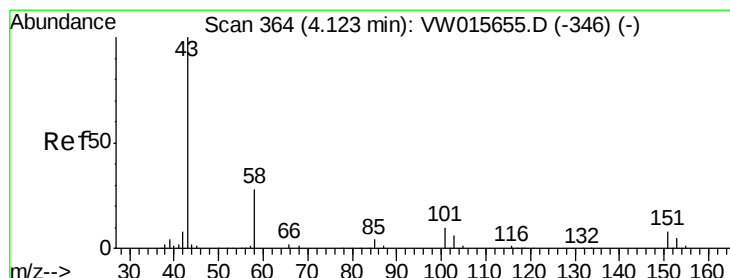
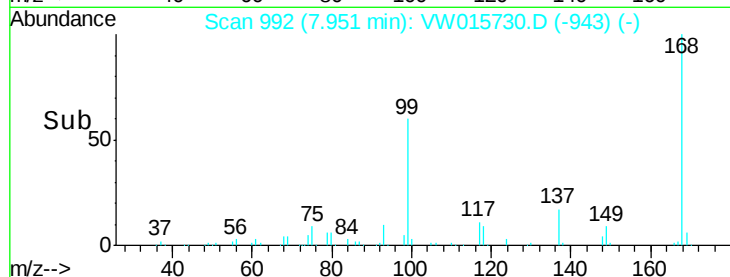
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 2.501 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015730.D

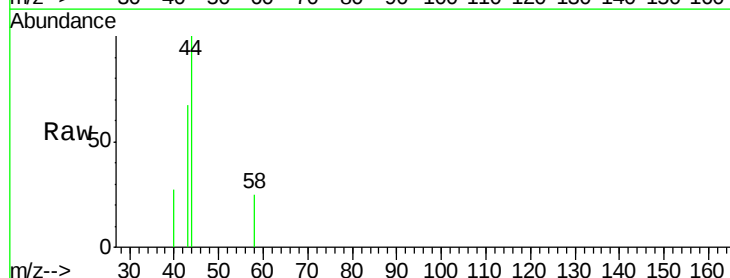
Acq: 25 Jun 2020 15:49

Tgt Ion: 43 Resp: 805

Ion Ratio Lower Upper

43 100

58 37.6 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW015655.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VW015655.D (-346) (-)

4.14

250

200

150

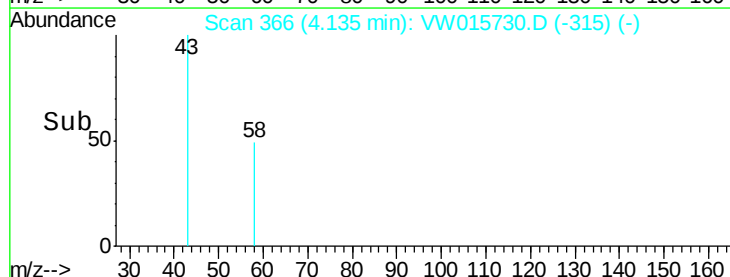
100

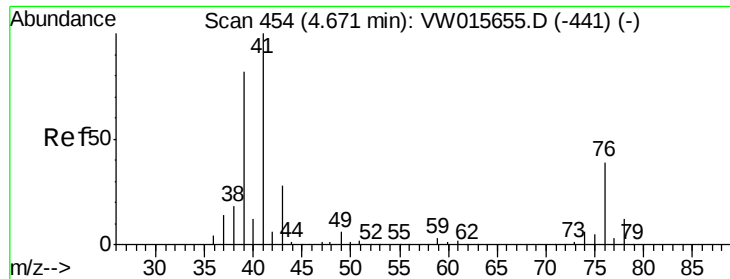
50

0

4.05 4.10 4.15 4.20

Time-->

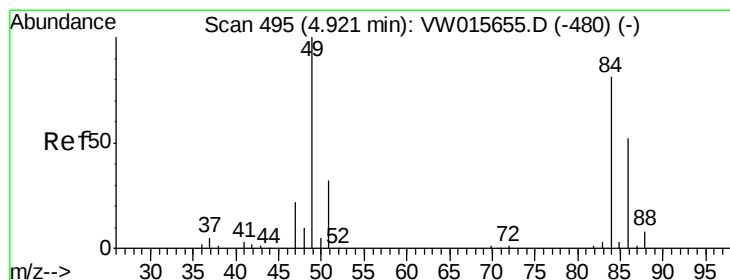
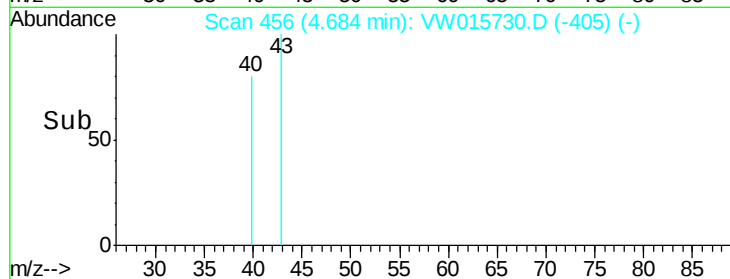
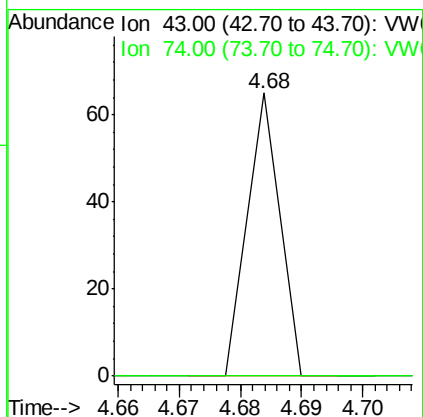
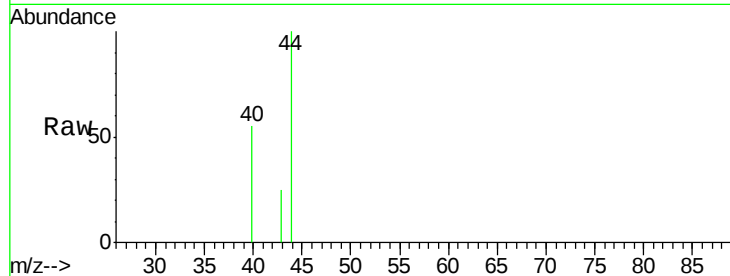




#18
Methyl Acetate
Concen: Below Cal
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015730.D
Acq: 25 Jun 2020 15:49

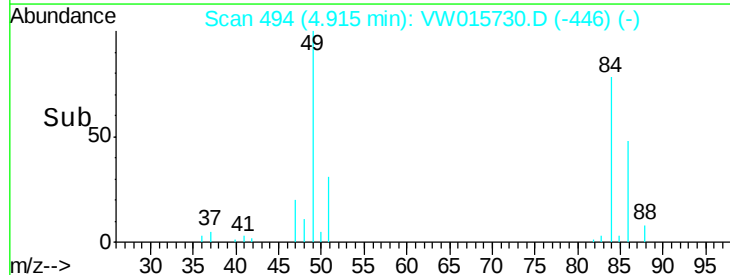
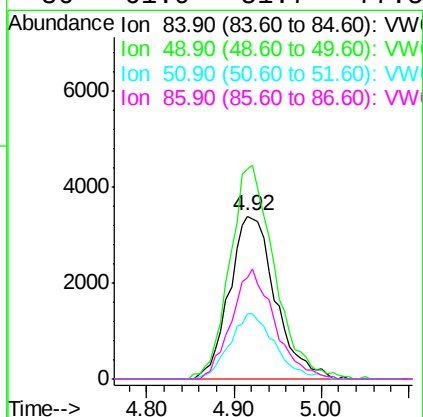
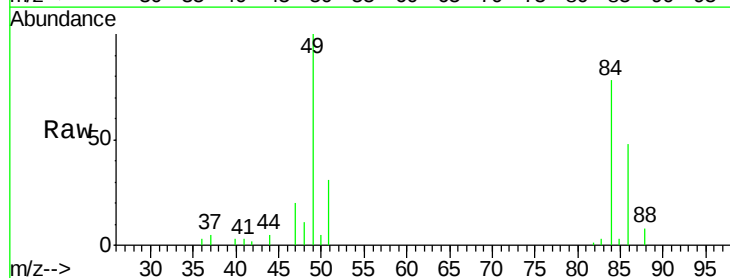
Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP

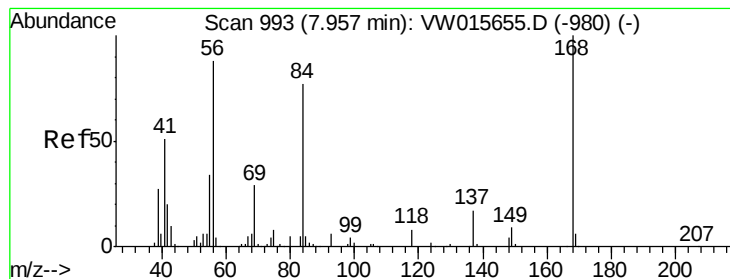
Tot Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 3.658 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015730.D
Acq: 25 Jun 2020 15:49

Tgt Ion: 84 Resp: 12355
Ion Ratio Lower Upper
84 100
49 128.9 99.3 148.9
51 40.3 31.8 47.6
86 61.9 51.7 77.5





#31

Cyclohexane

Concen: 1.273 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015730.D

Acq: 25 Jun 2020 15:49

Instrument :

MSVOA_W

ClientSampleId :

DRUM-COMP

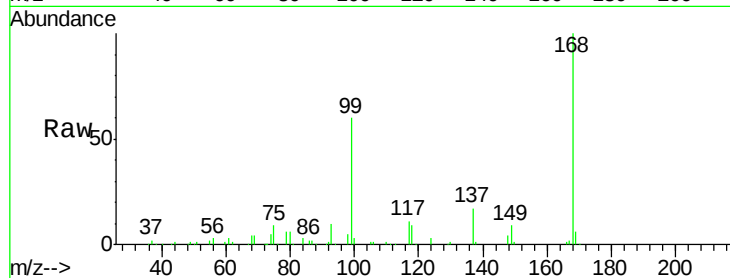
Tot Ion: 56 Resp: 3711

Ion Ratio Lower Upper

56 100

69 152.5 26.2 39.4#

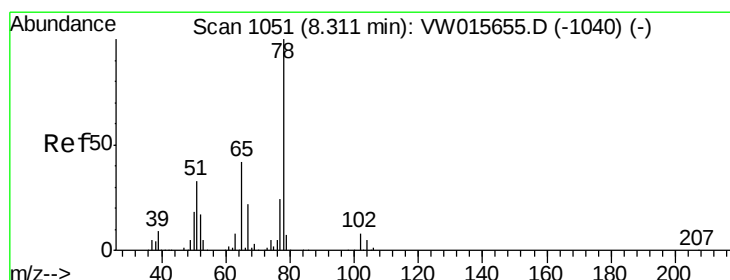
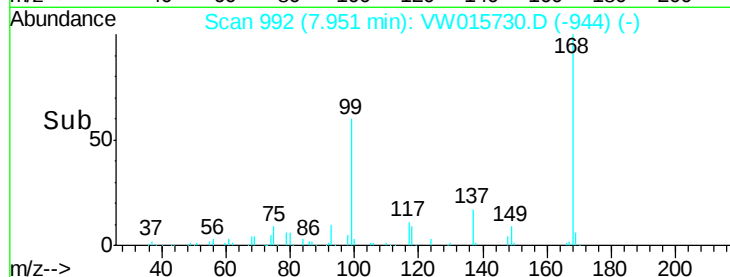
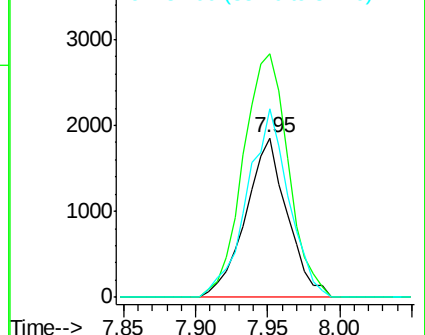
84 117.9 70.4 105.6#



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: 56.504 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015730.D

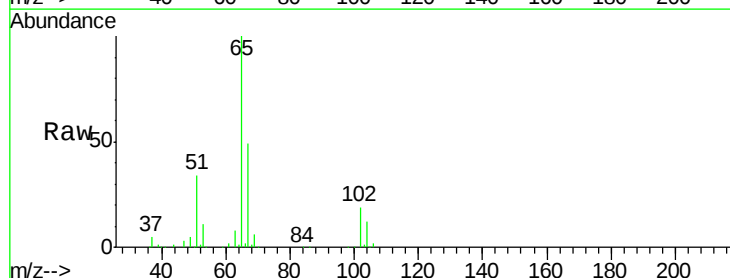
Acq: 25 Jun 2020 15:49

Tgt Ion: 65 Resp: 95651

Ion Ratio Lower Upper

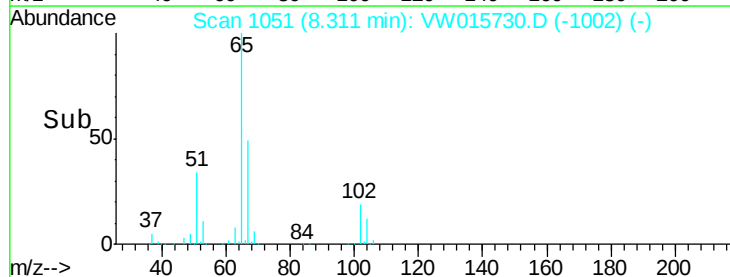
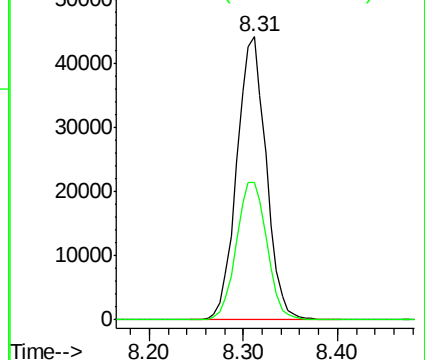
65 100

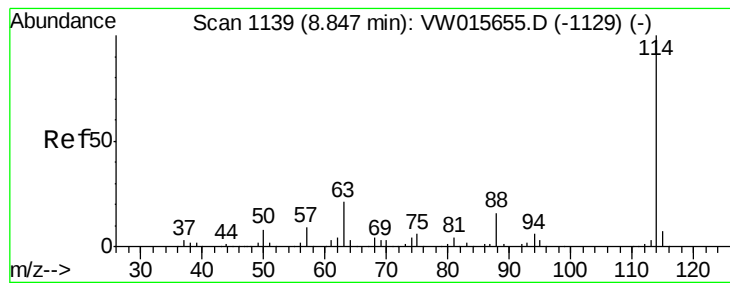
67 50.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015730.D

Acq: 25 Jun 2020 15:49

Instrument :

MSVOA_W

ClientSampleId :

DRUM-COMP

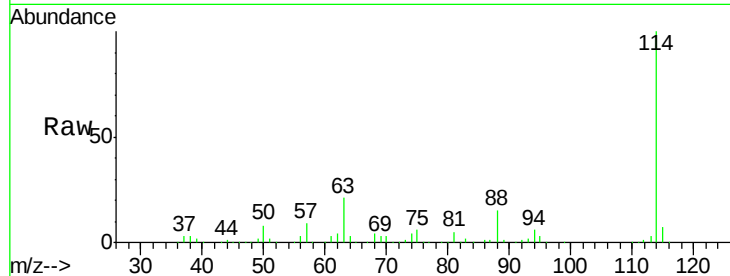
Tot Ion:114 Resp: 253297

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

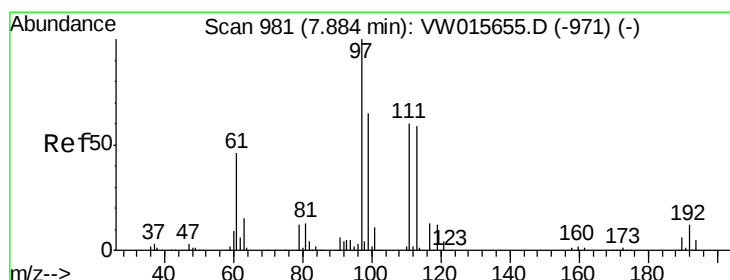
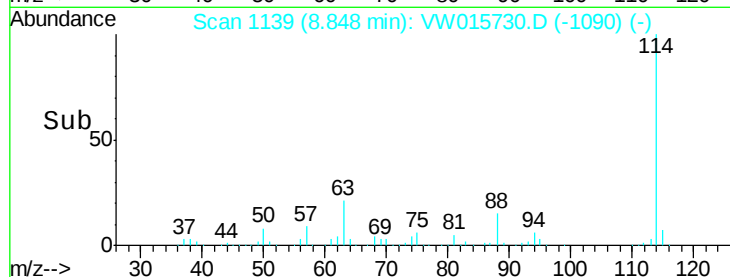
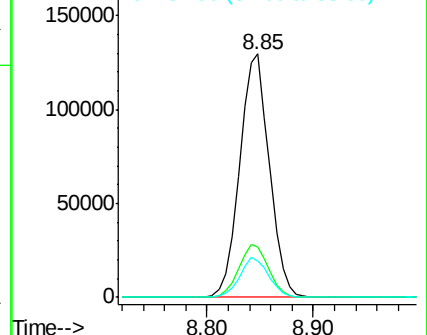
88 15.1 0.0 32.6



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



#35

Dibromofluoromethane

Concen: 50.893 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015730.D

Acq: 25 Jun 2020 15:49

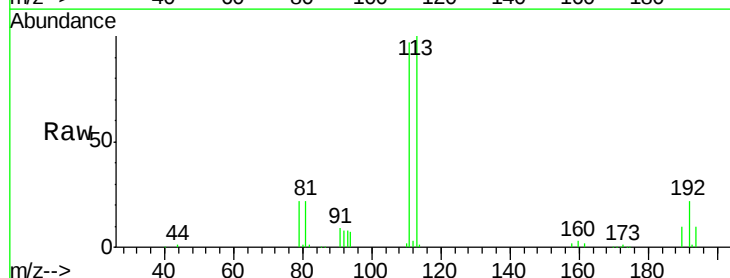
Tgt Ion:113 Resp: 81089

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

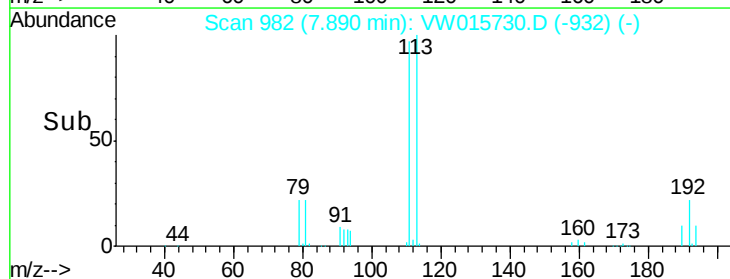
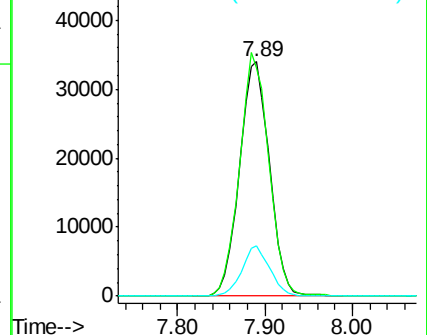
192 19.8 16.4 24.6

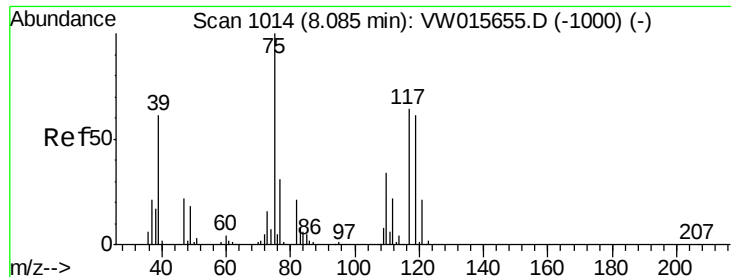


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

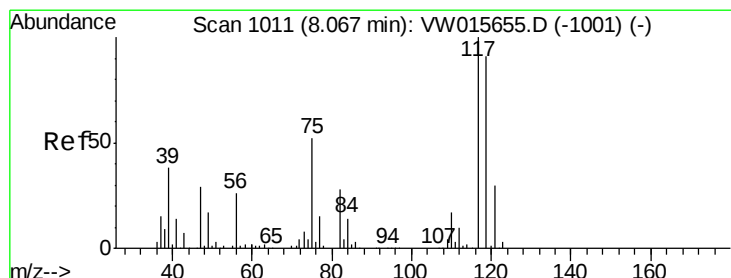
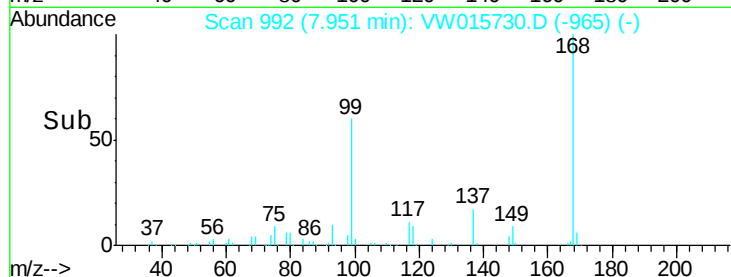
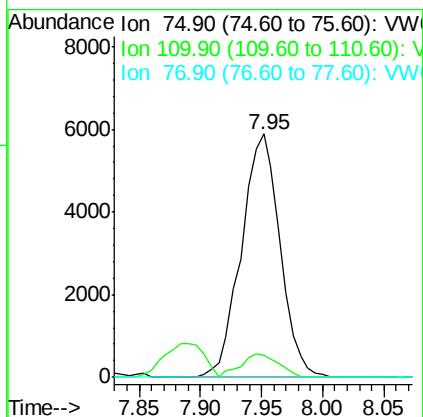
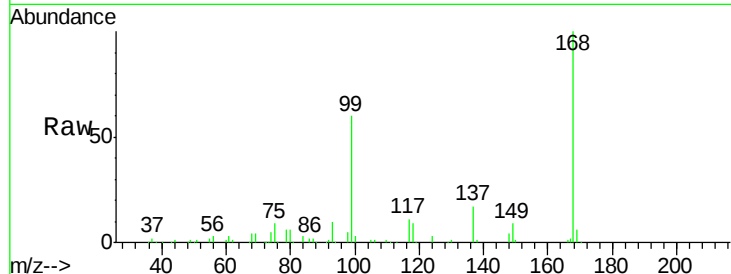




#36
 1,1-Dichloropropene
 Concen: 4.916 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015730.D
 Acq: 25 Jun 2020 15:49

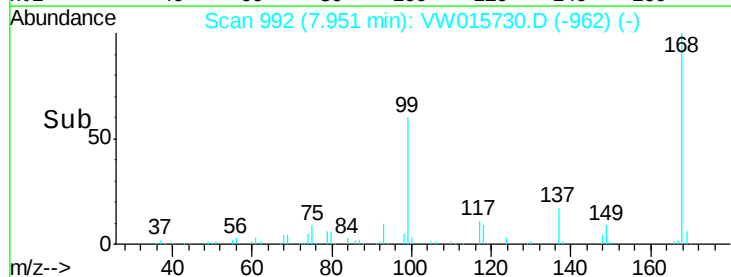
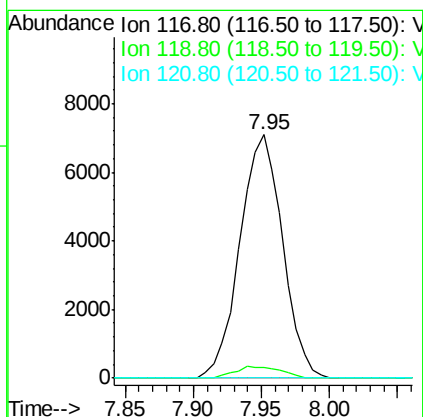
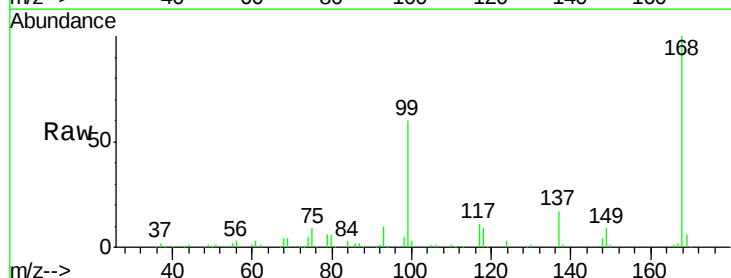
Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-COMP

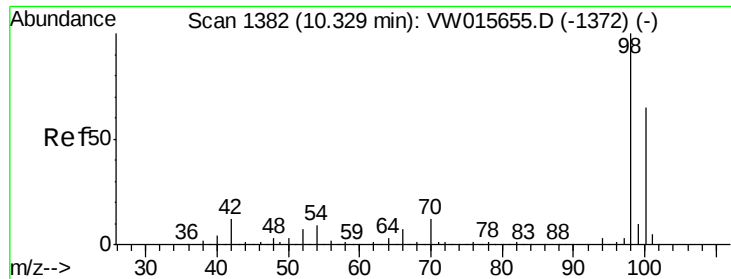
Tot Ion	75	Resp	12952
Ion Ratio	Lower	Upper	
75	100		
110	9.4	17.0	51.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.090 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015730.D
 Acq: 25 Jun 2020 15:49

Tgt Ion	117	Resp	15552
Ion Ratio	Lower	Upper	
117	100		
119	4.6	73.2	109.8#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 50.197 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015730.D

Acq: 25 Jun 2020 15:49

Instrument :

MSVOA_W

ClientSampleId :

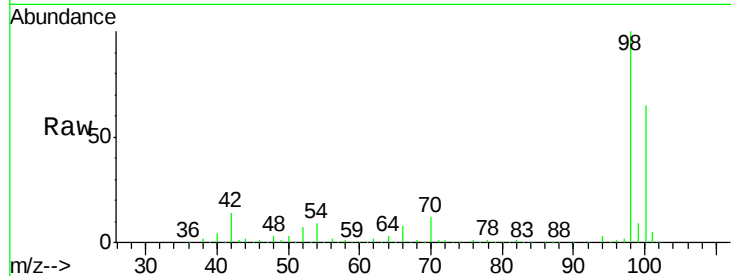
DRUM-COMP

Tot Ion: 98 Resp: 314753

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

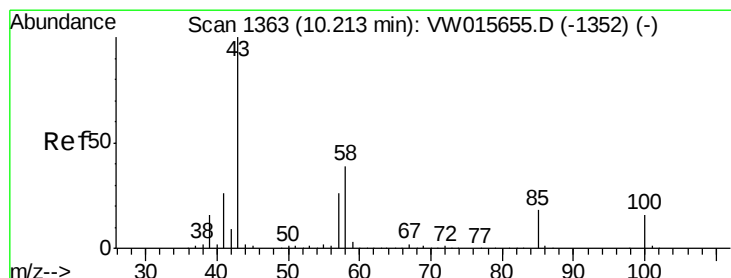
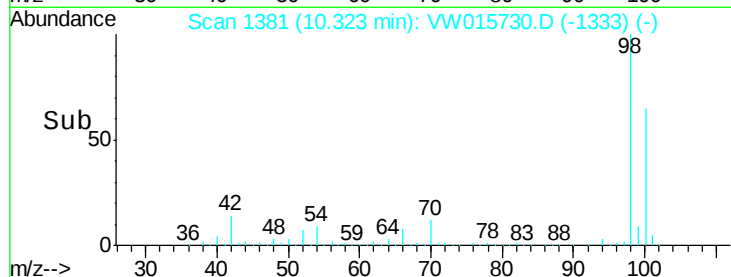
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#51

4-Methyl-2-Pentanone

Concen: 1.667 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015730.D

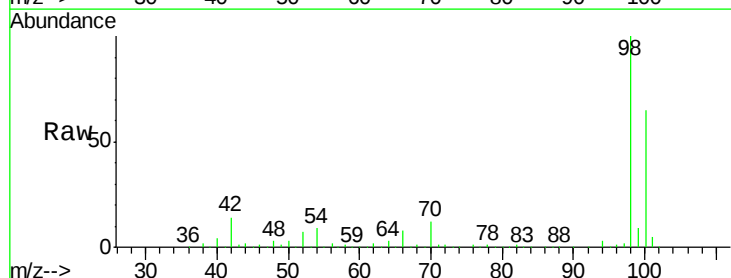
Acq: 25 Jun 2020 15:49

Tgt Ion: 43 Resp: 1614

Ion Ratio Lower Upper

43 100

58 166.7 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.32

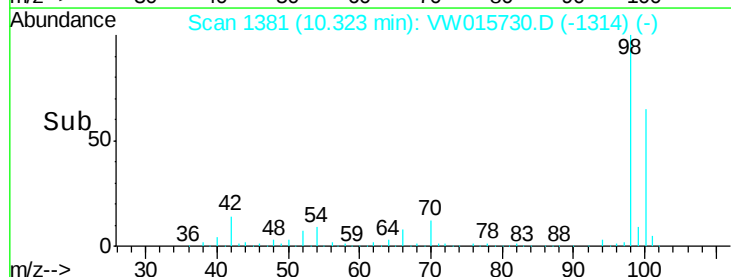
1500

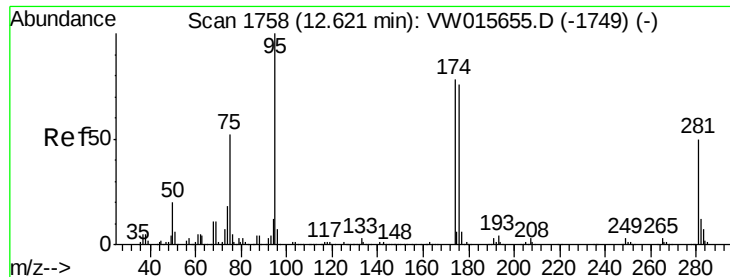
1000

500

0

Time--> 10.25 10.30 10.35 10.40





#62

4-Bromofluorobenzene

Concen: 45.679 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015730.D

Acq: 25 Jun 2020 15:49

Instrument :

MSVOA_W

ClientSampleId :

DRUM-COMP

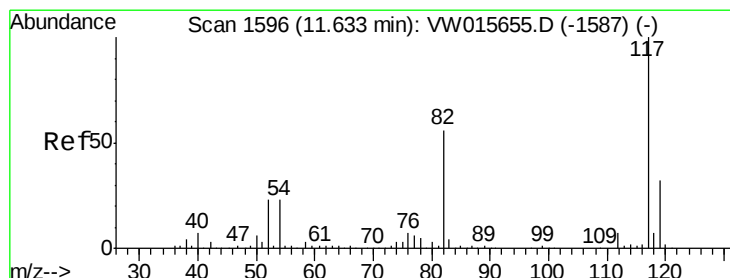
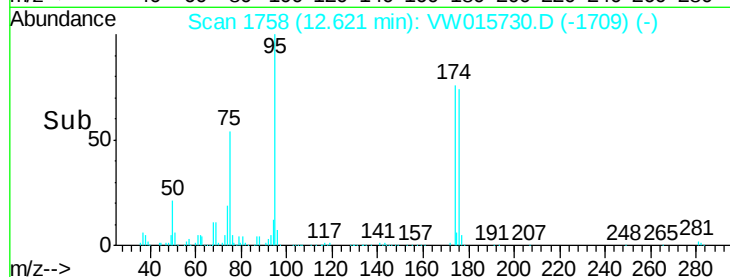
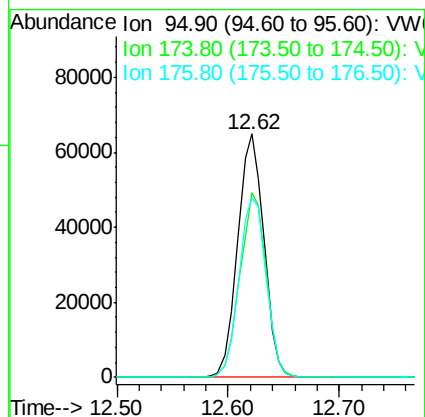
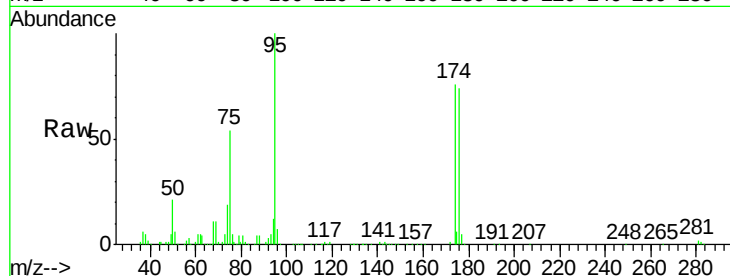
Tot Ion: 95 Resp: 105481

Ion Ratio Lower Upper

95 100

174 76.5 0.0 157.0

176 76.4 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: VW015730.D

Acq: 25 Jun 2020 15:49

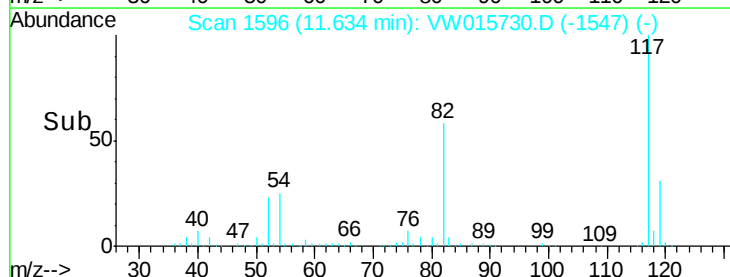
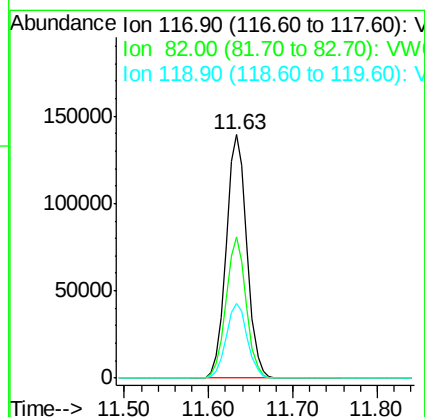
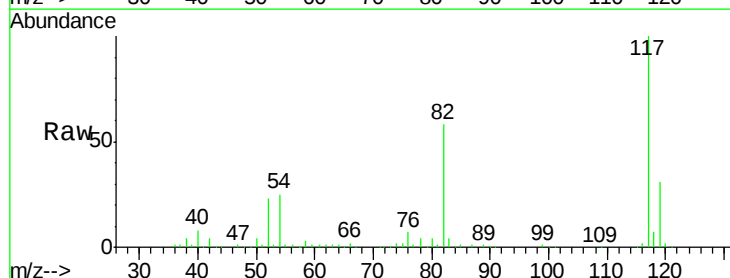
Tgt Ion: 117 Resp: 234362

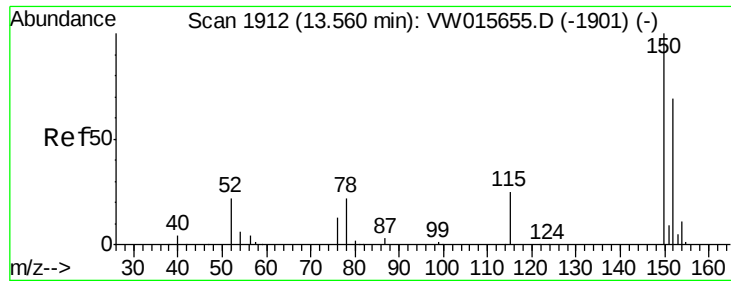
Ion Ratio Lower Upper

117 100

82 57.8 45.1 67.7

119 30.7 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: VW015730.D

Acq: 25 Jun 2020 15:49

Instrument :

MSVOA_W

ClientSampleId :

DRUM-COMP

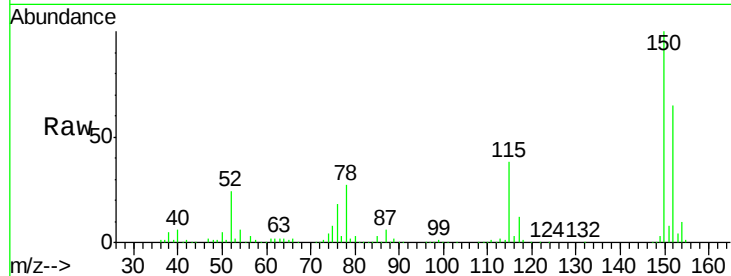
Tot Ion:152 Resp: 103947

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

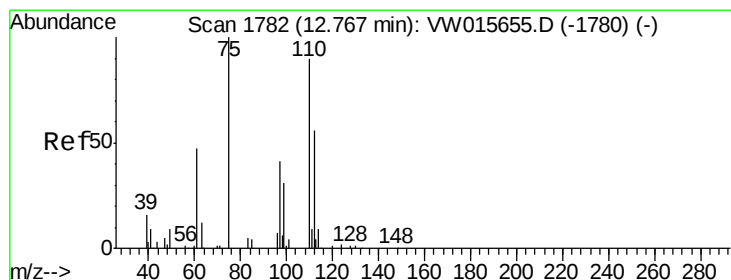
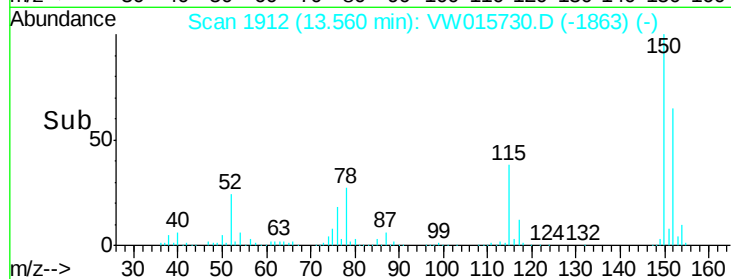
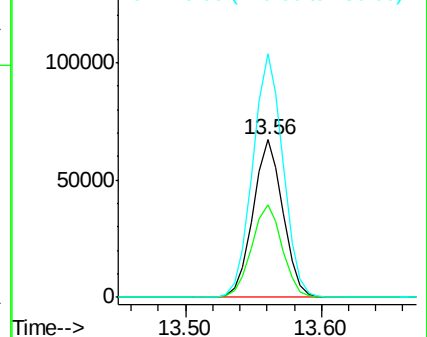
150 156.1 0.0 345.6



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



#76

1,2,3-Trichloropropane

Concen: 60.265 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015730.D

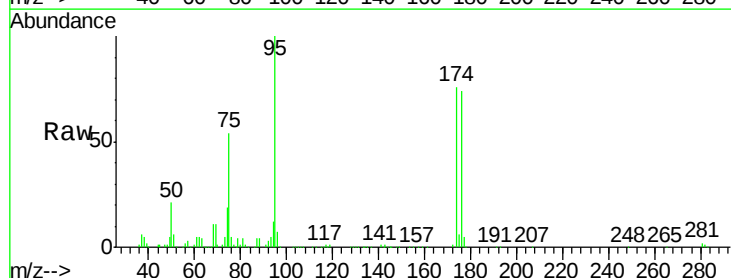
Acq: 25 Jun 2020 15:49

Tgt Ion: 75 Resp: 57140

Ion Ratio Lower Upper

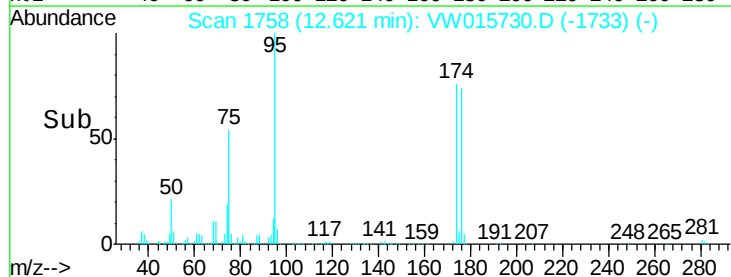
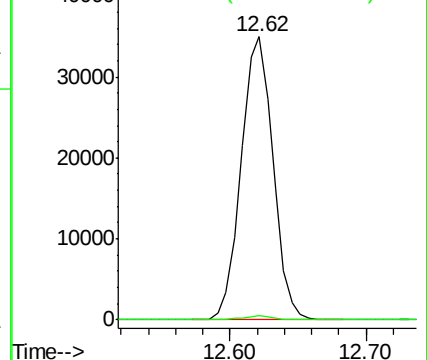
75 100

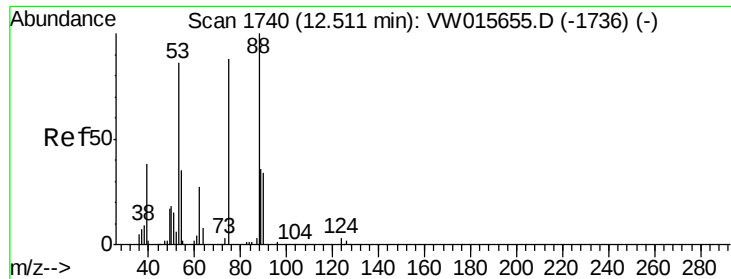
77 1.2 179.1 537.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 151.868 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015730.D

Acq: 25 Jun 2020 15:49

Instrument :

MSVOA_W

ClientSampleId :

DRUM-COMP

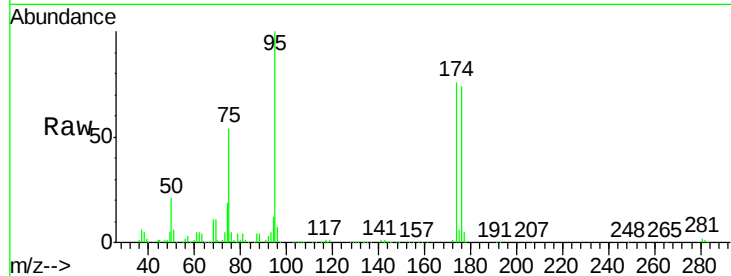
Tot Ion: 75 Resp: 57140

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

